

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110543.D
 Acq On : 7 Nov 2018 4:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Quant Time: Nov 07 15:05:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62171	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	227249	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	87424	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	170050	20.00	ng	0.00
76) Chrysene-d12	14.14	240	118043	20.00	ng	0.00
87) Perylene-d12	15.67	264	89541	20.00	ng	0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	339336	88.88	ng	0.00
7) Phenol-d6	6.58	99	398082	81.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	330813	86.34	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	71641	82.73	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	558347	100.29	ng	0.00
79) Terphenyl-d14	13.07	244	569719	100.37	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	86638	43.314	ng	91
3) Pyridine	3.57	79	189370	42.506	ng	# 85
4) n-Nitrosodimethylamine	3.53	42	77440	41.489	ng	92
6) Aniline	6.62	93	255794	40.211	ng	# 53
8) 2-Chlorophenol	6.75	128	183337	41.653	ng	98
9) Benzaldehyde	6.52	77	110613	38.620	ng	92
10) Phenol	6.60	94	229587	43.984	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	170439	39.688	ng	95
12) 1,3-Dichlorobenzene	6.90	146	201575	41.614	ng	98
13) 1,4-Dichlorobenzene	6.97	146	203488	41.537	ng	98
14) 1,2-Dichlorobenzene	7.13	146	189736	41.720	ng	98
15) Benzyl Alcohol	7.10	79	138147	36.782	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.23	45	265659	38.690	ng	70
17) 2-Methylphenol	7.20	107	135811	38.716	ng	# 83
18) Hexachloroethane	7.46	117	49796	27.763	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	117288	37.438	ng	94
20) 3+4-Methylphenols	7.36	107	174280	38.435	ng	93
22) Acetophenone	7.37	105	235973	45.065	ng	# 98
24) Nitrobenzene	7.54	77	168697	42.648	ng	98
25) Isophorone	7.77	82	260924	39.952	ng	96
26) 2-Nitrophenol	7.86	139	54922	29.178	ng	95
27) 2,4-Dimethylphenol	7.89	122	126580	40.560	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	187264	42.208	ng	99
29) 2,4-Dichlorophenol	8.10	162	126080	39.988	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	146052	41.355	ng	95
31) Naphthalene	8.26	128	421795	40.272	ng	99
32) Benzoic acid	7.98	122	55419m	22.976	ng	
33) 4-Chloroaniline	8.31	127	182159	38.644	ng	100
34) Hexachlorobutadiene	8.37	225	87804	44.777	ng	97
35) Caprolactam	8.68	113	38289	34.842	ng	# 88
36) 4-Chloro-3-methylphenol	8.79	107	123697	36.281	ng	98
37) 2-Methylnaphthalene	8.95	142	256974	37.083	ng	99
38) 1-Methylnaphthalene	9.05	142	245848	36.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	125550	46.091	ng	99

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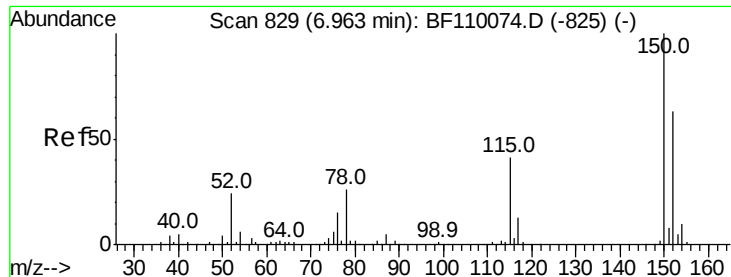
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	74486	42.396	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	75413	40.607	nq	94
46) 1,1'-Biphenyl	9.42	154	357079	45.167	nq	100
47) 2-Chloronaphthalene	9.45	162	252982	43.624	nq	99
48) 2-Nitroaniline	9.55	65	83045	47.257	nq	94
49) Acenaphthylene	9.86	152	356064	42.510	nq	100
50) Dimethylphthalate	9.71	163	283710	43.963	nq	99
51) 2,6-Dinitrotoluene	9.78	165	44840	32.257	nq	94
52) Acenaphthene	10.03	154	220384	39.773	nq	98
53) 3-Nitroaniline	9.96	138	81014	49.008	nq	90
55) Dibenzofuran	10.20	168	325131	41.909	nq	98
56) 4-Nitrophenol	10.12	139	40722	33.284	nq	96
57) 2,4-Dinitrotoluene	10.19	165	50746	28.740	nq	88
58) Fluorene	10.55	166	244077	42.273	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	61372	40.544	nq	95
60) Diethylphthalate	10.40	149	274707	43.607	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	127631	41.903	nq	98
62) 4-Nitroaniline	10.57	138	85149	51.789	nq	96
63) Azobenzene	10.70	77	250706	40.094	nq	96
66) n-Nitrosodiphenylamine	10.65	169	229956	41.228	nq	98
67) 4-Bromophenyl-phenylether	11.03	248	73575	39.888	nq	95
68) Hexachlorobenzene	11.10	284	78106	39.909	nq	# 87
69) Atrazine	11.17	200	60010	34.045	nq	97
70) Pentachlorophenol	11.30	266	38359	33.612	nq	98
71) Phenanthrene	11.52	178	372446	41.858	nq	99
72) Anthracene	11.57	178	387324	43.429	nq	100
73) Carbazole	11.73	167	385049	44.218	nq	99
74) Di-n-butylphthalate	12.03	149	434149	44.144	nq	99
75) Fluoranthene	12.71	202	392500	43.465	nq	99
77) Benzidine	12.83	184	272426	Below	Cal	96
78) Pyrene	12.94	202	398653	47.107	nq	98
80) Butylbenzylphthalate	13.54	149	187372	51.011	nq	96
81) Benzo(a)anthracene	14.13	228	284814	40.687	nq	100
82) 3,3'-Dichlorobenzidine	14.09	252	113898	46.726	nq	98
83) Chrysene	14.17	228	270171	40.634	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	250514	50.452	nq	96
85) Di-n-octyl phthalate	14.70	149	377613	48.909	nq	# 98
86) Indeno(1,2,3-cd)pyrene	17.24	276	201335	36.501	nq	97
88) Benzo(b)fluoranthene	15.21	252	208171	40.260	nq	96
89) Benzo(k)fluoranthene	15.24	252	211264	41.561	nq	99
90) Benzo(a)pyrene	15.60	252	196643	41.330	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	174313	42.460	nq	98
92) Benzo(g,h,i)perylene	17.73	276	160944	39.784	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



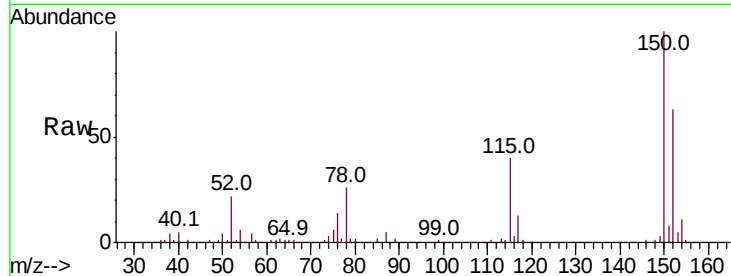
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	63.6	49.1	73.7

Manual Integrations
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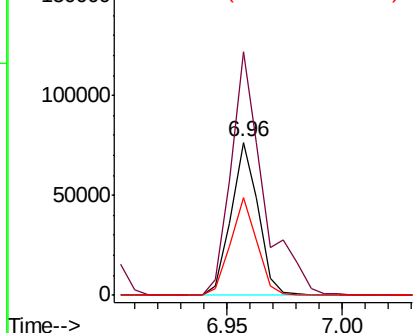
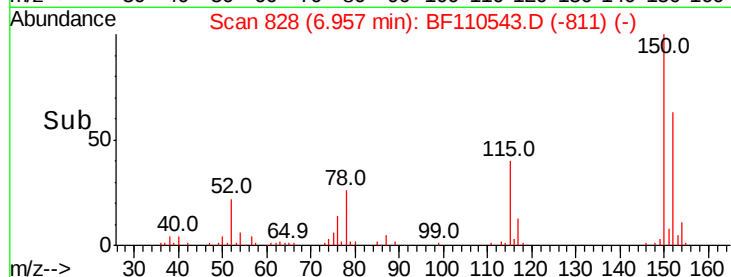


Abundance

Ion 152.00 (151.70 to 152.70): E

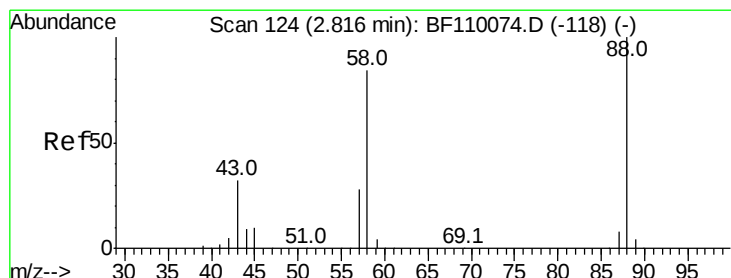
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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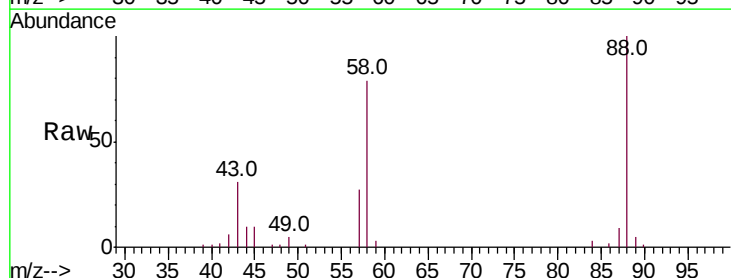
11/7/2018 4:04:58 PM



#2

1,4-Dioxane
Concen: 43.314 ng
RT: 2.77 min Scan# 117
Delta R.T. -0.02 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	57.1	85.7
43	32.6	24.1	36.1

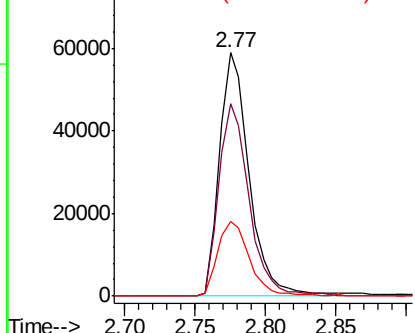
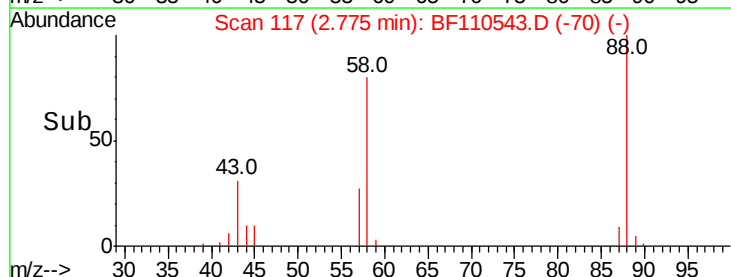


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



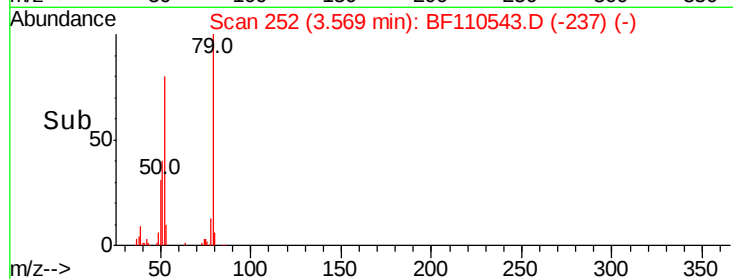
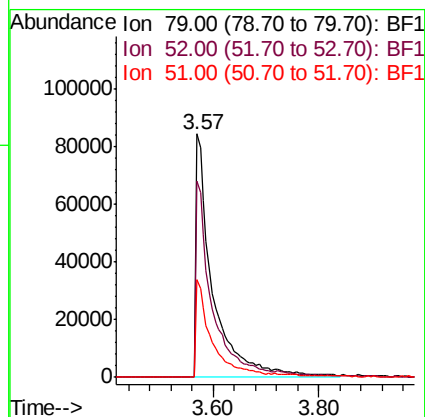
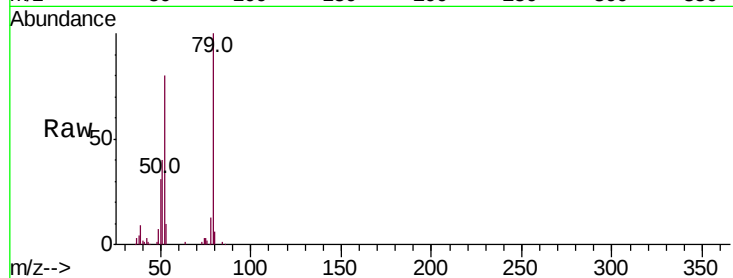


#3
 Pvridine
 Concen: 42.506 ng
 RT: 3.57 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

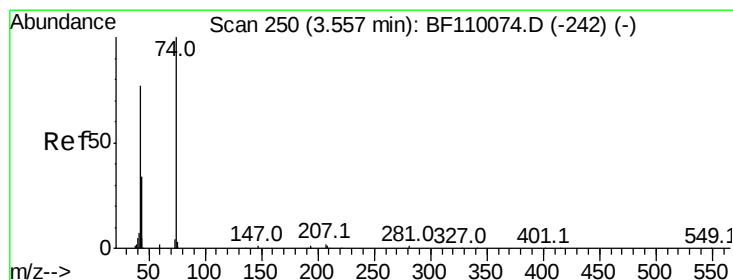
Tot Ion	Ratio	Lower	Upper
79	100		
52	80.4	53.1	79.7#
51	40.4	27.4	41.2

Manual Integrations
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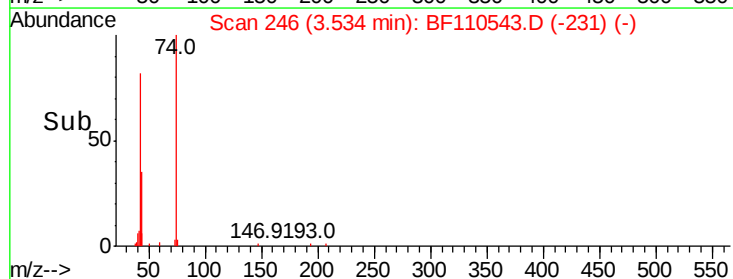
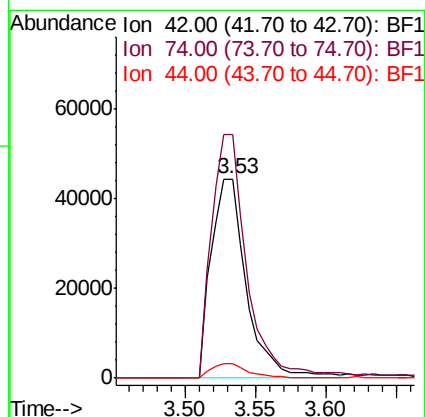
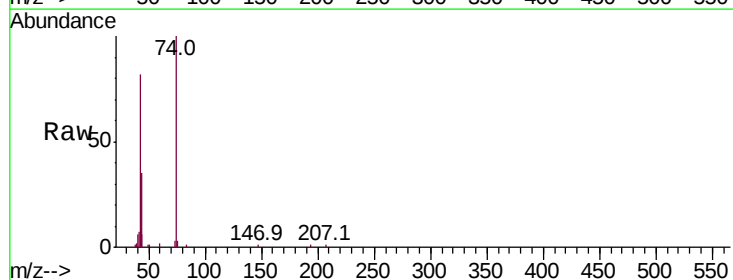
Sohil

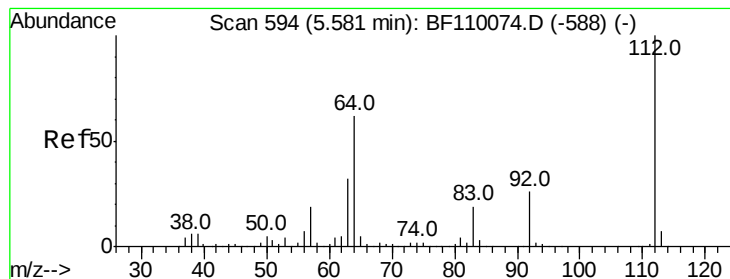
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#4
 n-Nitrosodimethylamine
 Concen: 41.489 ng
 RT: 3.53 min Scan# 246
 Delta R.T. -0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.9	105.5	158.3
44	7.3	4.9	7.3





#5

2-Fluorophenol

Concen: 88.883 ng

RT: 5.57 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

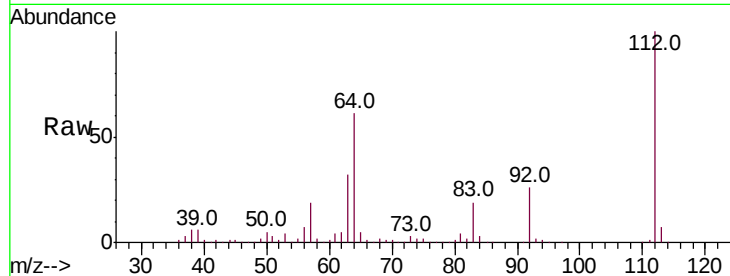
BNA_F

ClientSampleId :

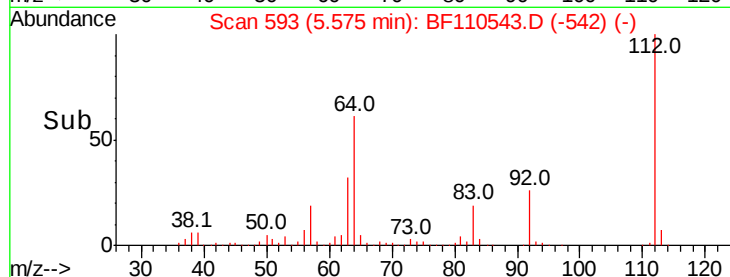
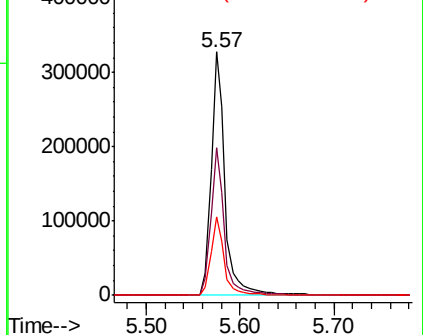
SSTDCCC040

Tot Ion:	112	Resp:	339336
Ion Ratio	Lower	Upper	
112	100		
64	60.8	44.1	66.1
63	32.5	23.7	35.5

Manual Integrations
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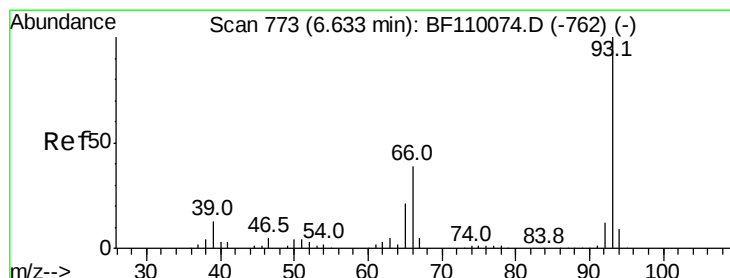


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 40.211 ng

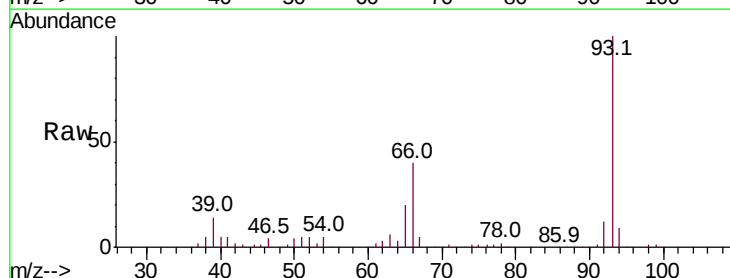
RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

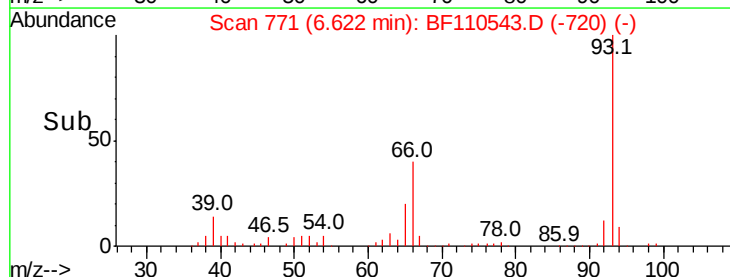
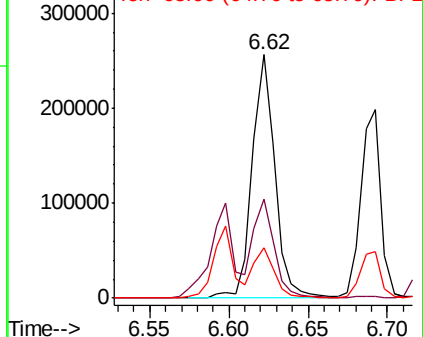
Lab File: BF110543.D

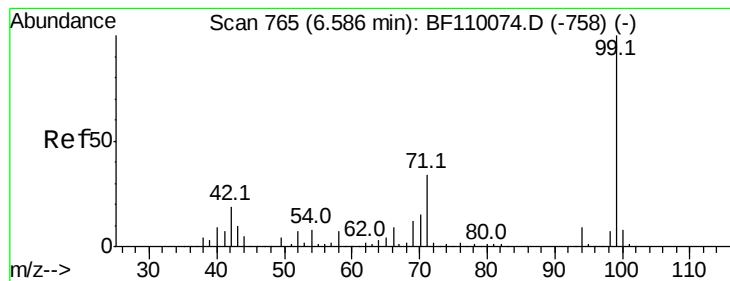
Acq: 7 Nov 2018 4:51

Tgt Ion:	93	Resp:	255794
Ion Ratio	Lower	Upper	
93	100		
66	40.4	67.4	101.0#
65	20.5	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.520 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

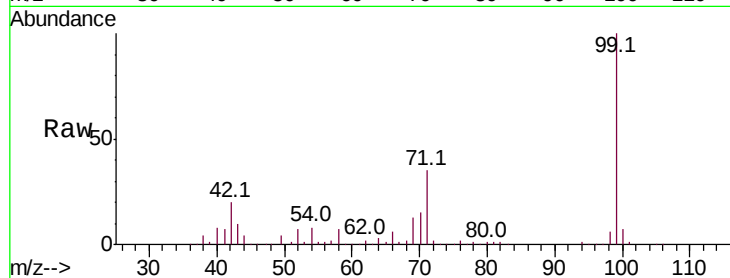
BNA_F

ClientSampled :

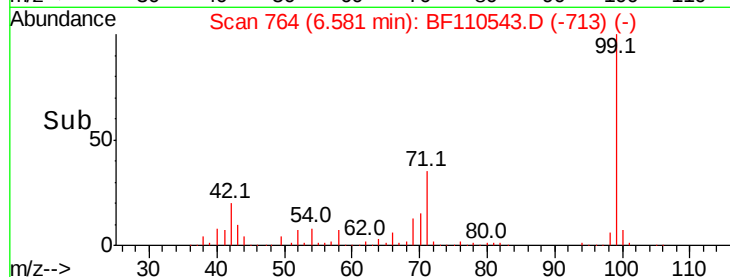
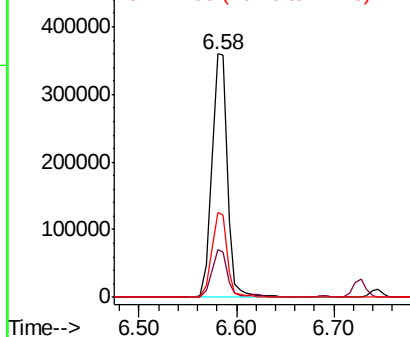
SSTDCCC040

Tot Ion:	99	Resp:	398082
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.1	28.0	42.0

Manual Integrations
APPROVED

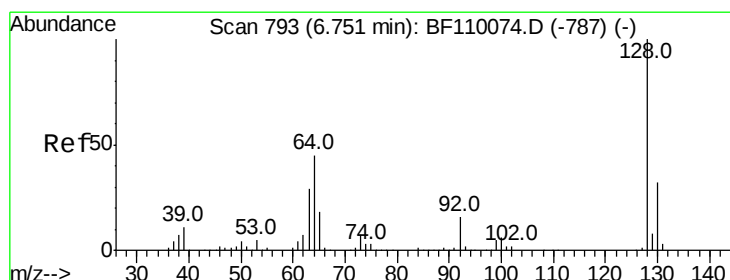


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 41.653 ng

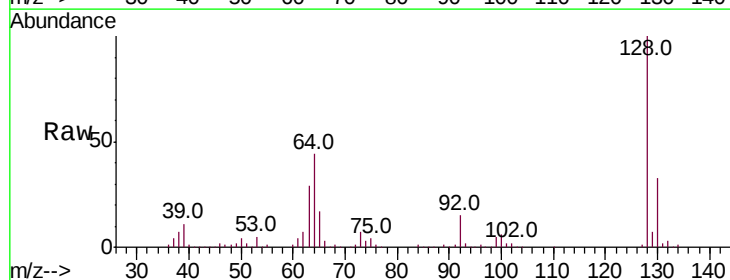
RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

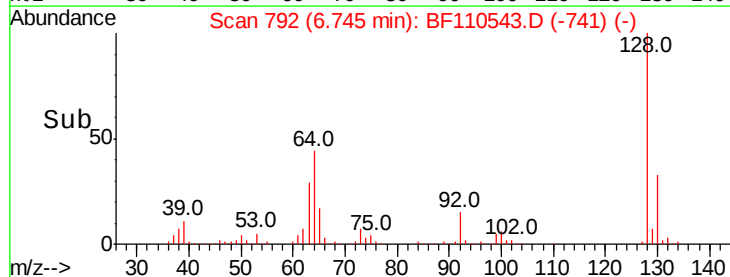
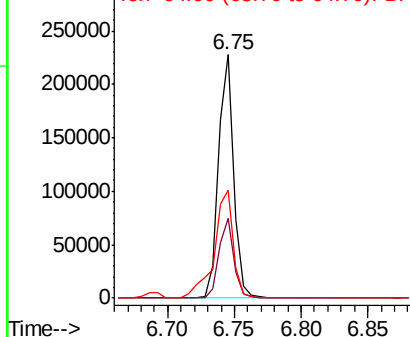
Lab File: BF110543.D

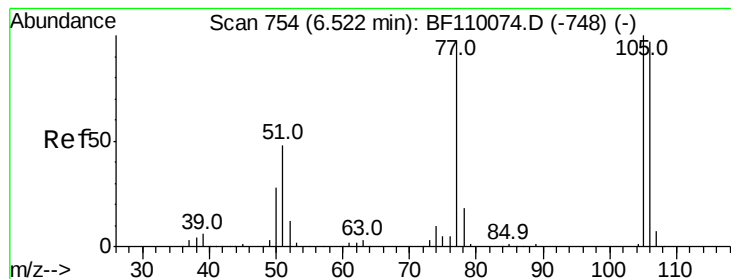
Acq: 7 Nov 2018 4:51

Tgt Ion:	128	Resp:	183337
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	44.3	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.620 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 110613

Ion Ratio Lower Upper

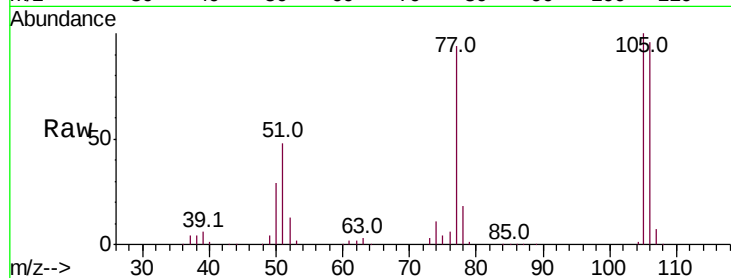
77 100

105 106.8 78.6 118.6

106 102.4 74.8 114.8

Manual Integrations

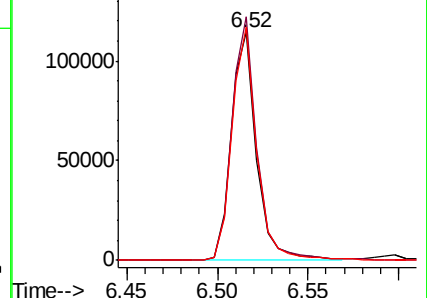
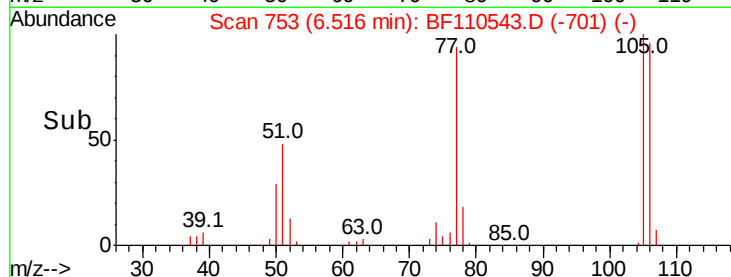
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Abundance Ion 77.00 (76.70 to 77.70): BF1

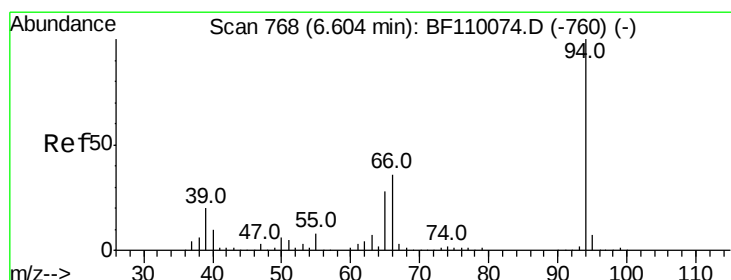
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 43.984 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

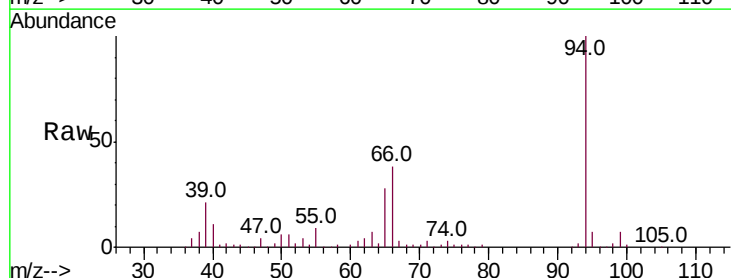
Tgt Ion: 94 Resp: 229587

Ion Ratio Lower Upper

94 100

65 28.5 25.3 65.3

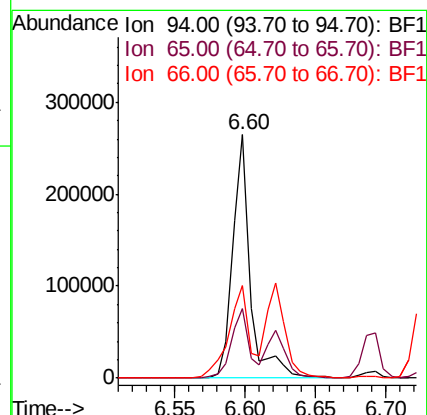
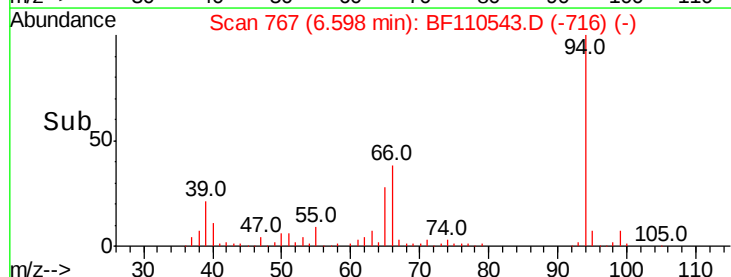
66 37.8 54.5 94.5#

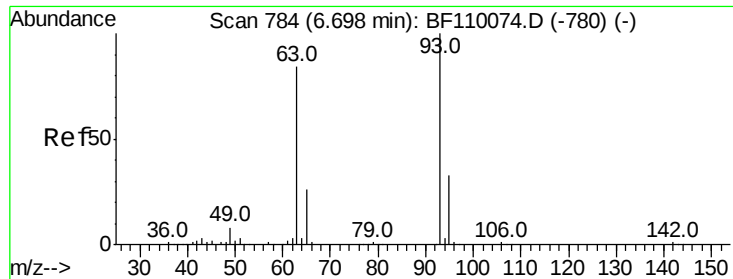


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.688 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

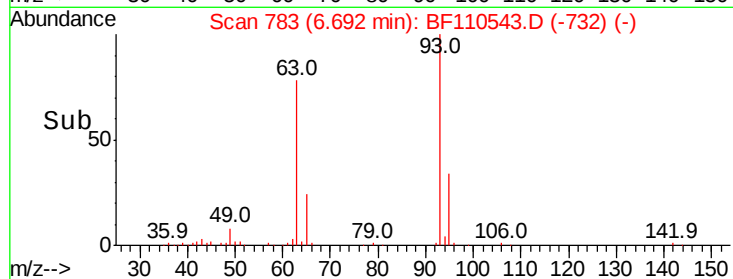
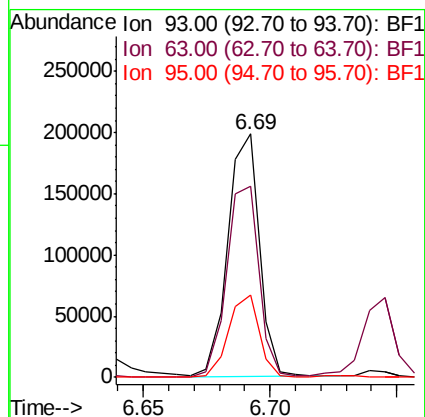
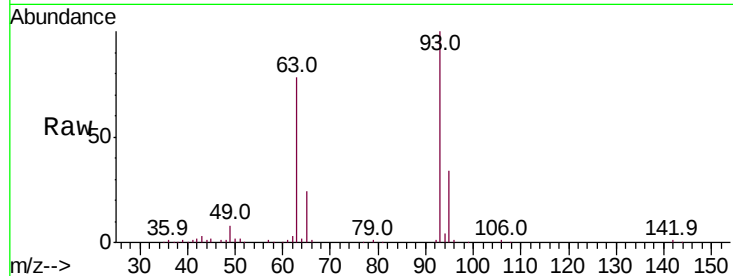
BNA_F

ClientSampleId :

SSTDCCC040

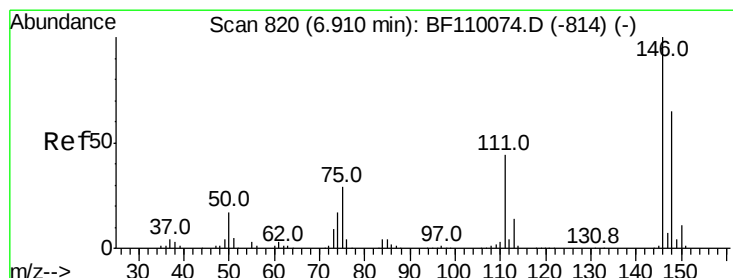
Tot Ion:	93	Resp:	170439
Ion	Ratio	Lower	Upper
93	100		
63	78.5	53.4	93.4
95	33.6	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 41.614 ng

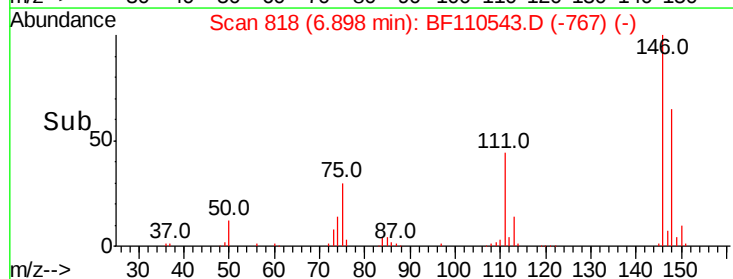
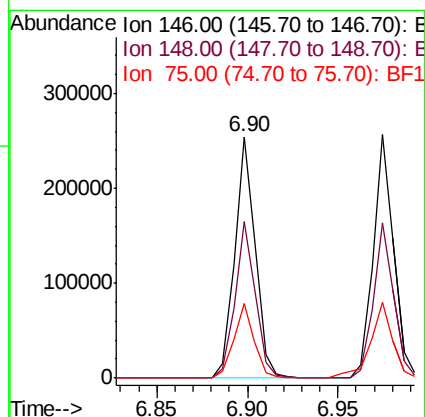
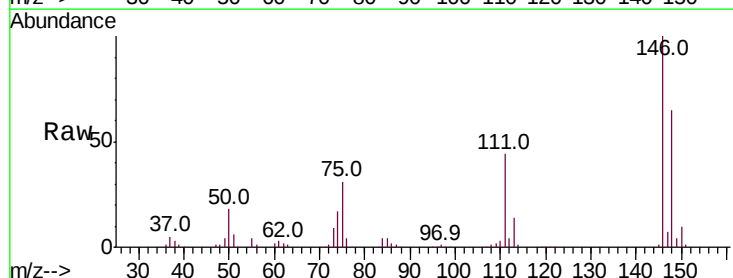
RT: 6.90 min Scan# 818

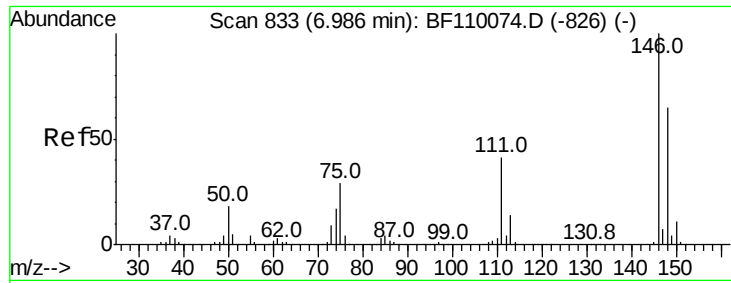
Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Tgt Ion:	146	Resp:	201575
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
75	31.1	25.8	38.6



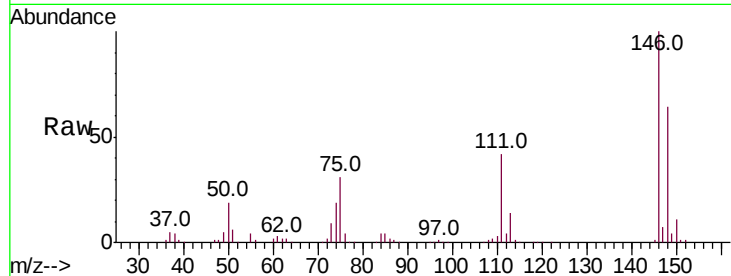


#13
1,4-Dichlorobenzene
Concen: 41.537 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	42.5	32.7	49.1

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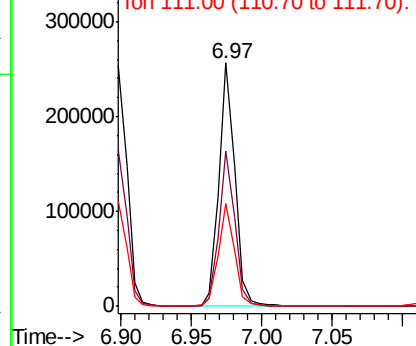


Abundance

Ion 146.00 (145.70 to 146.70): E

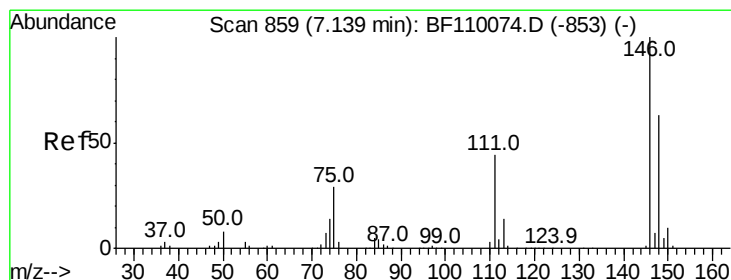
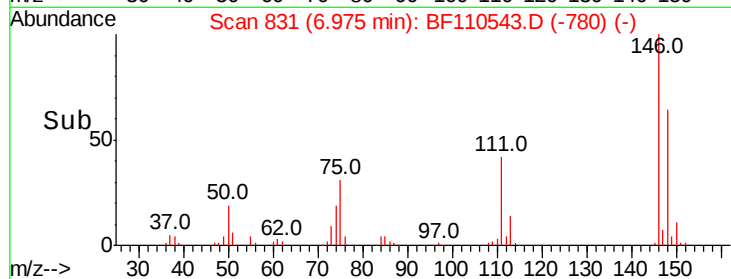
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



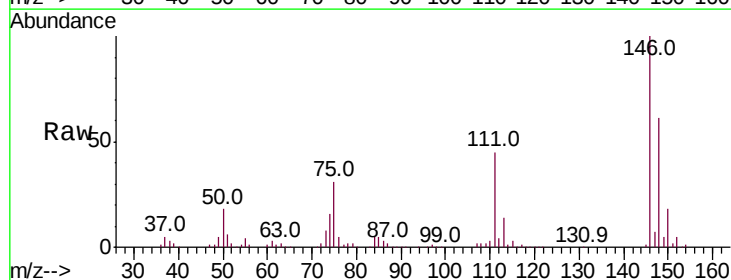
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#14
1,2-Dichlorobenzene
Concen: 41.720 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.1	76.7
111	44.9	35.8	53.6

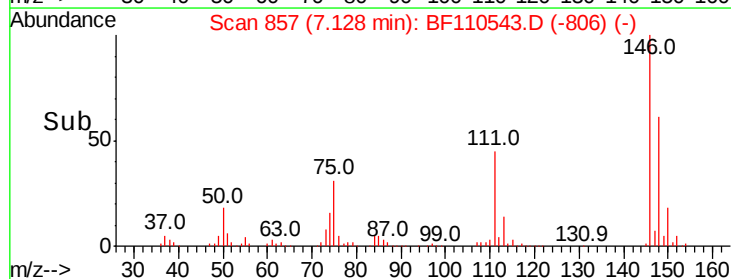
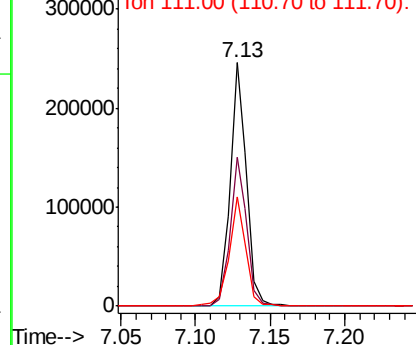


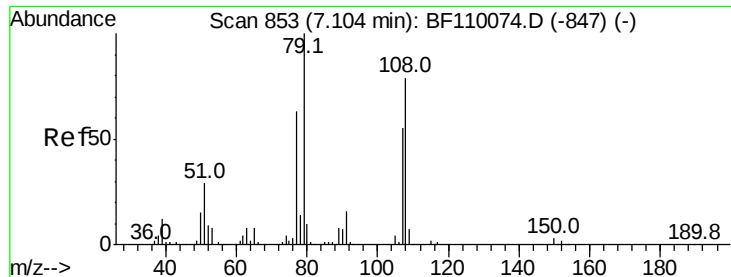
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.782 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

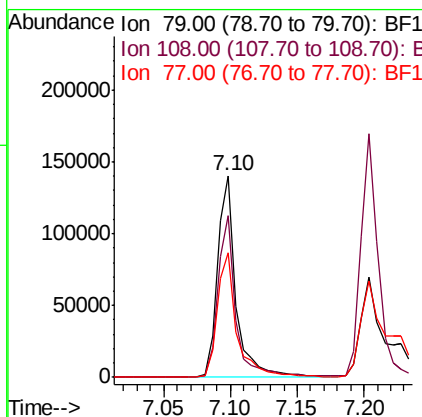
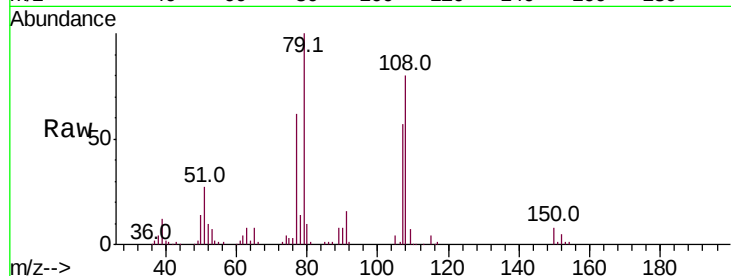
BNA_F

ClientSampleId :

SSTDCCC040

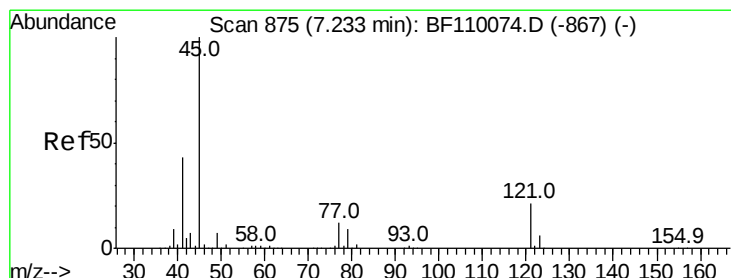
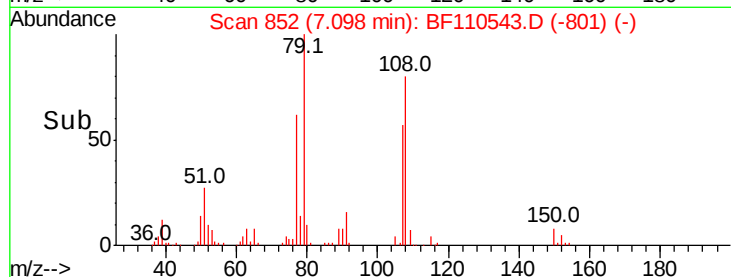
Tot Ion:	79	Resp:	138147
Ion	Ratio	Lower	Upper
79	100		
108	80.4	56.3	84.5
77	62.0	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.690 ng

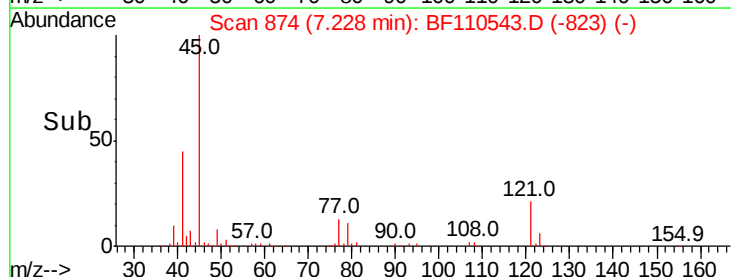
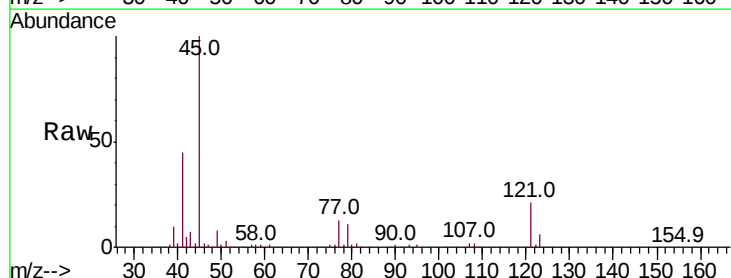
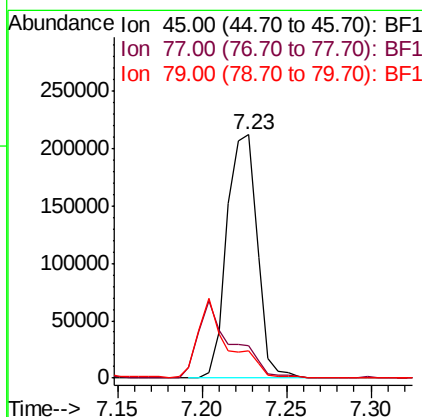
RT: 7.23 min Scan# 874

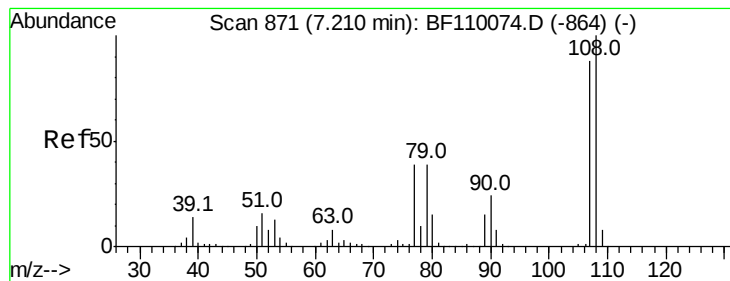
Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Tgt Ion:	45	Resp:	265659
Ion	Ratio	Lower	Upper
45	100		
77	13.5	10.0	50.0
79	11.0	6.1	46.1



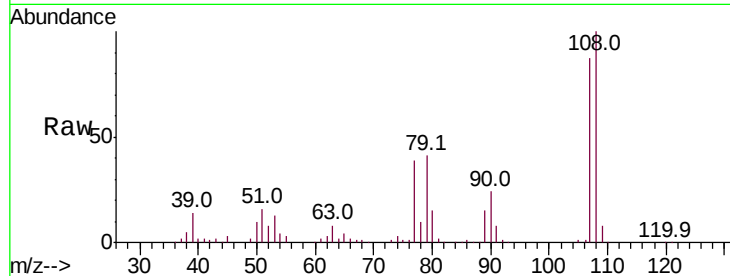


#17
2-Methylphenol
Concen: 38.716 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	92.6	138.8	
77	45.1	59.4	89.2#	
79	46.9	54.0	81.0#	

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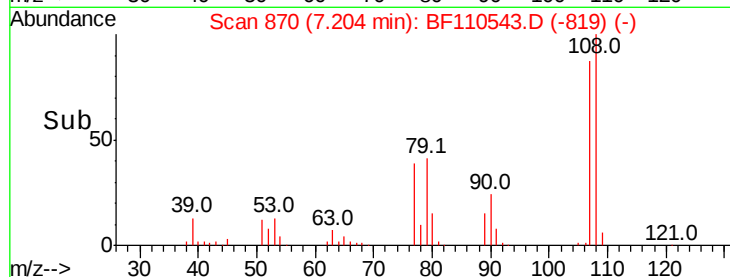
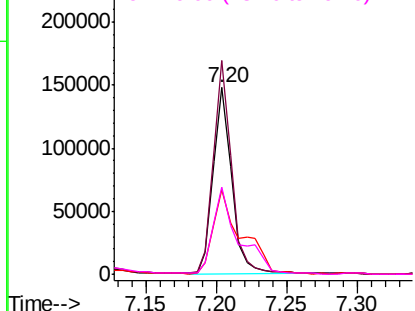
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

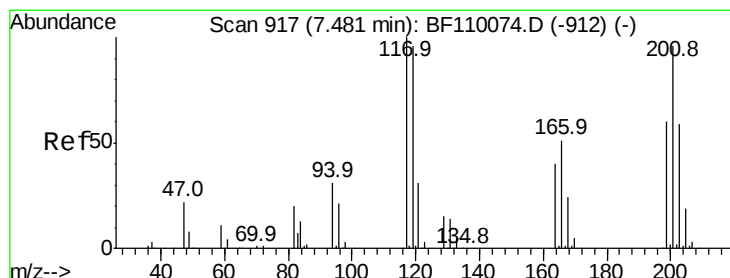
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



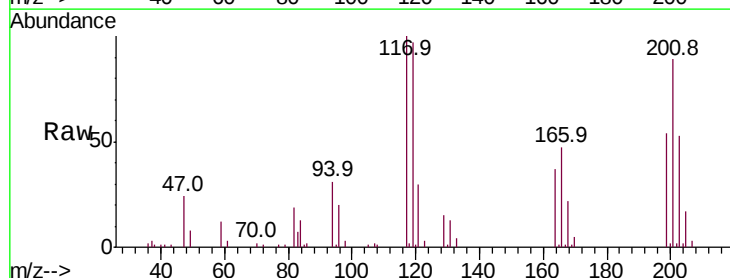
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#18
Hexachloroethane
Concen: 27.763 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.0	112.6	
201	88.5	79.2	118.8	

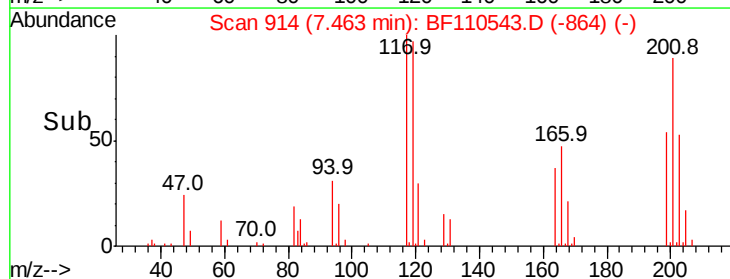
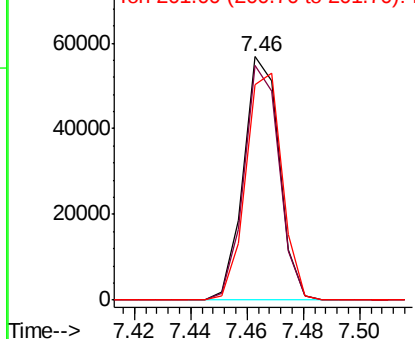


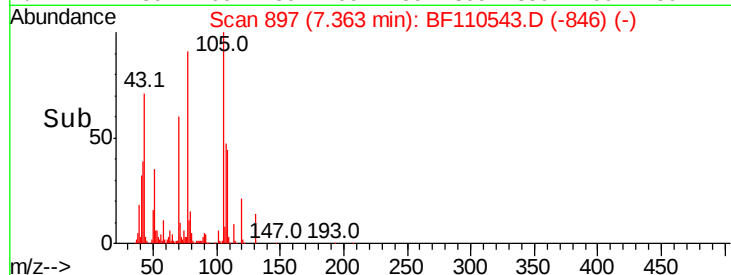
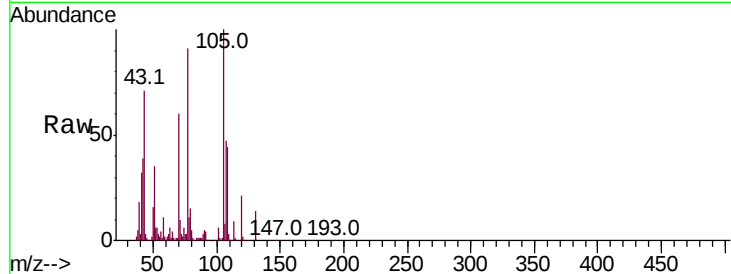
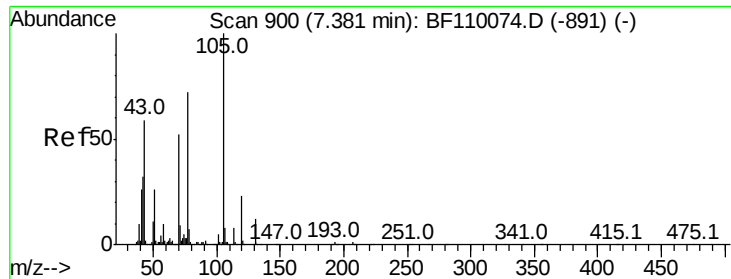
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

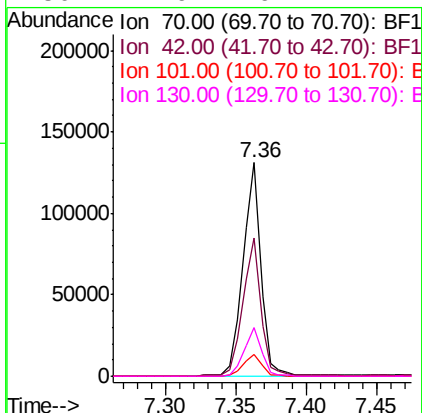
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 37.438 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	47.4	71.2
101	10.1	7.3	10.9
130	22.6	16.2	24.2

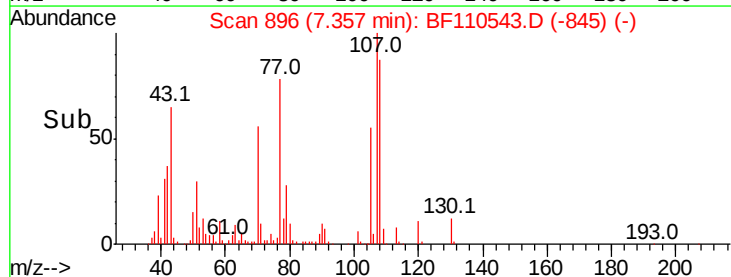
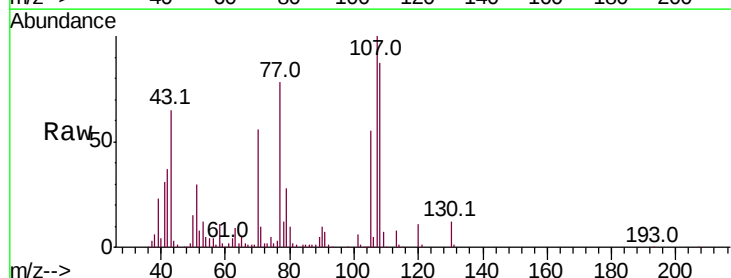
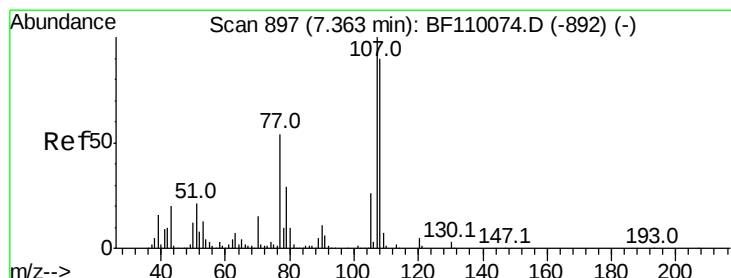


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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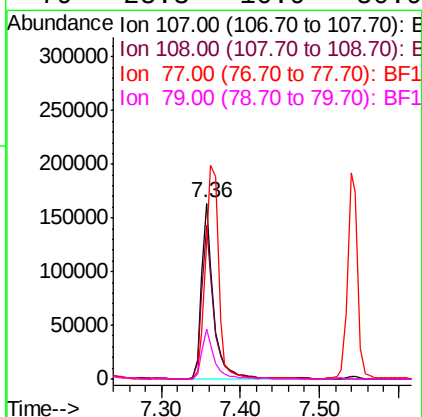
Sohil

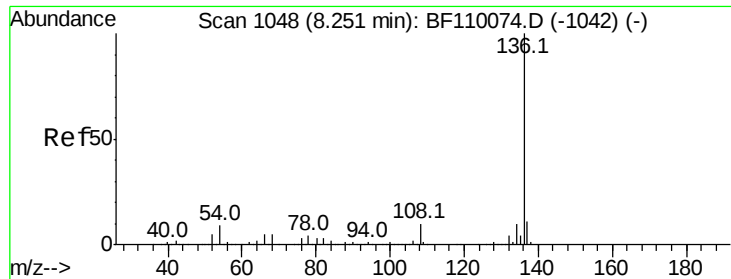
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#20
3+4-Methylphenols
Concen: 38.435 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	77.9	47.3	87.3
79	28.3	10.9	50.9



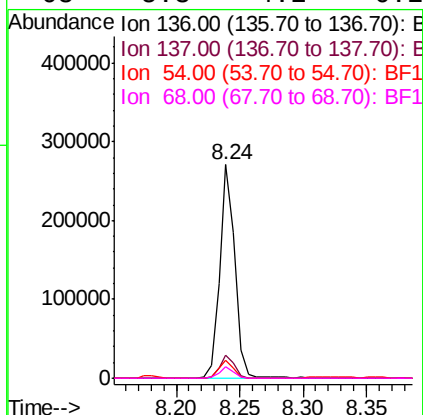
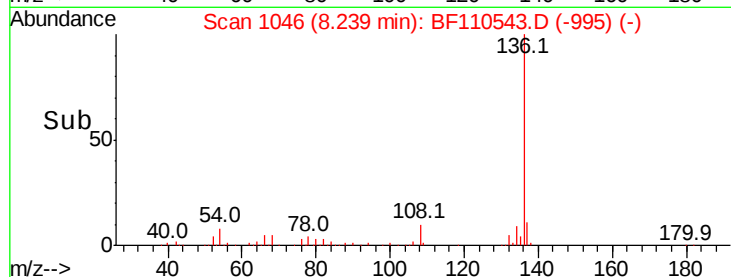
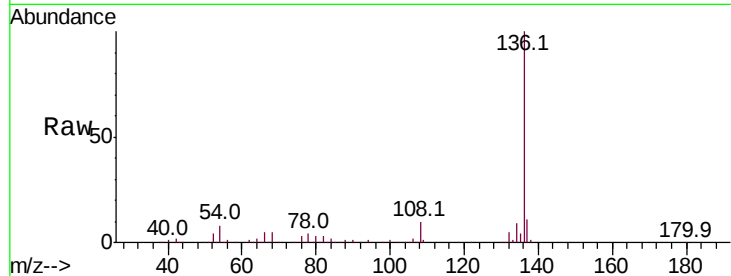


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

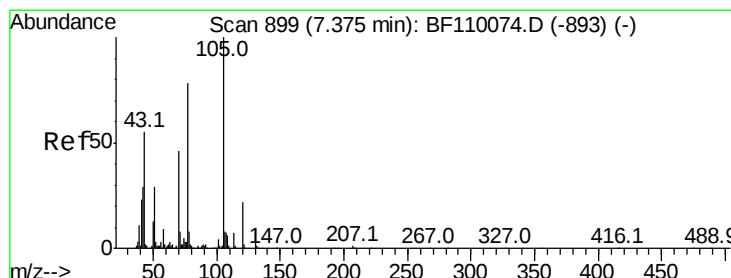
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.5	8.8	13.2		
54	8.1	5.4	8.2		
68	5.3	4.2	6.2		

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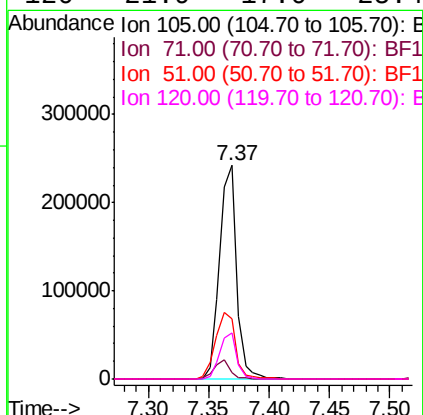
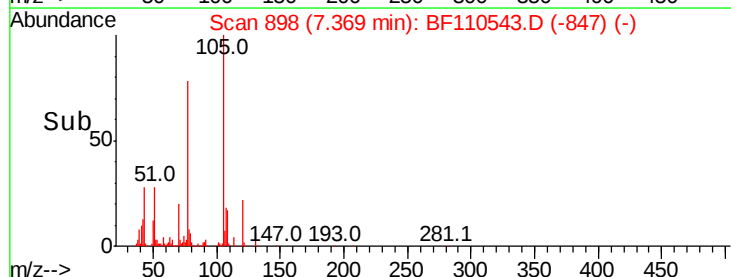
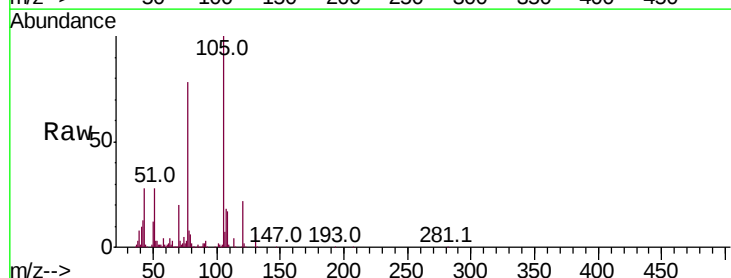
Sohil

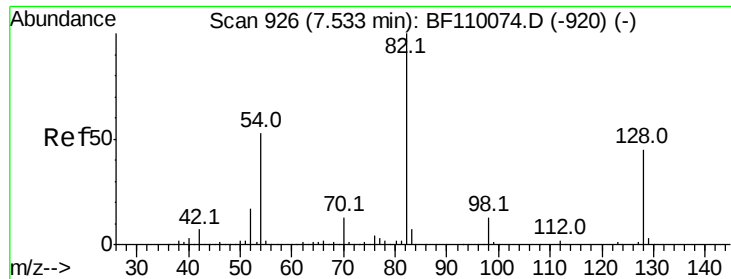
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#22
Acetophenone
Concen: 45.065 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	3.2	5.2	7.8#		
51	28.1	21.8	32.8		
120	21.9	17.0	25.4		



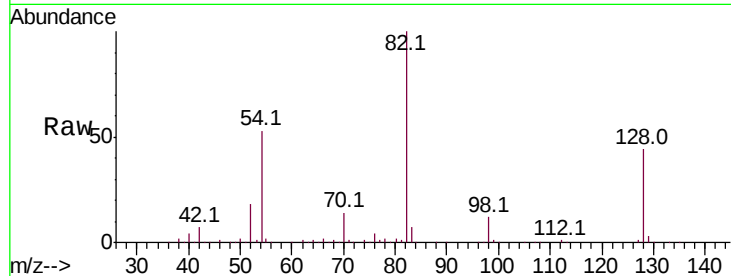


#23
Nitrobenzene-d5
Concen: 86.344 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

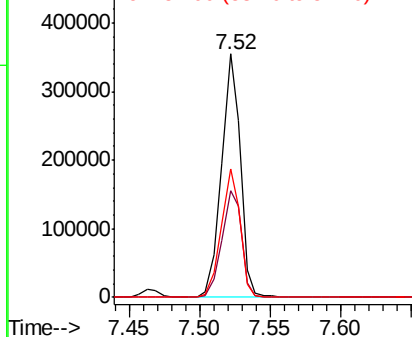
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.9	34.2	51.2	
54	52.8	38.6	58.0	

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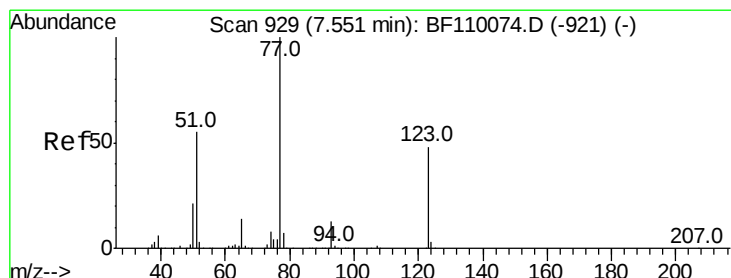
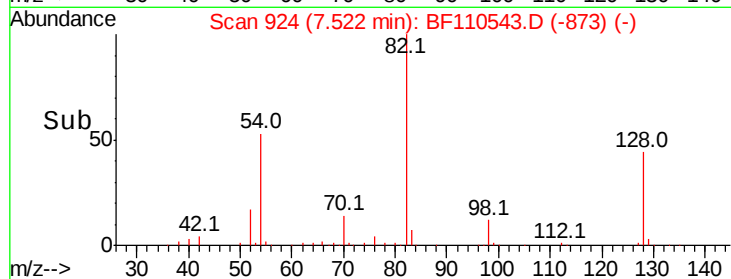


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



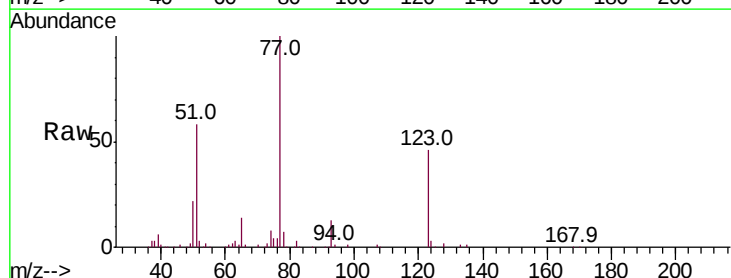
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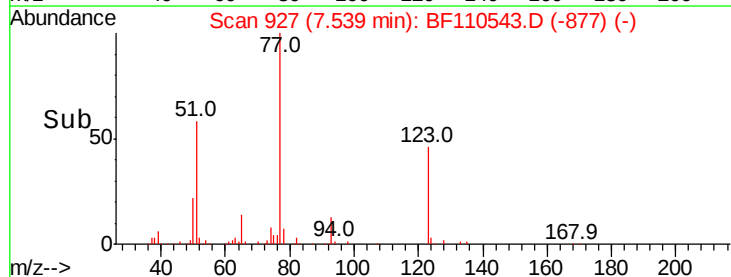
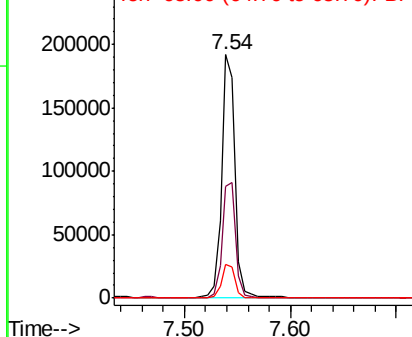


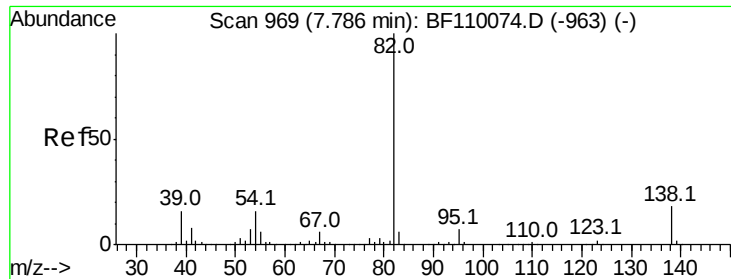
#24
Nitrobenzene
Concen: 42.648 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.1	35.7	53.5	
65	14.1	10.7	16.1	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.952 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

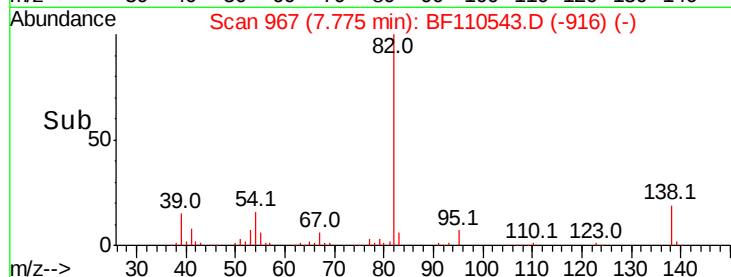
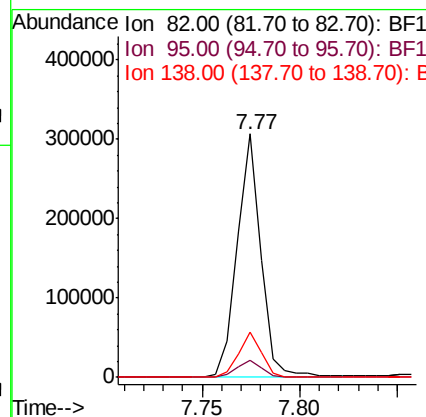
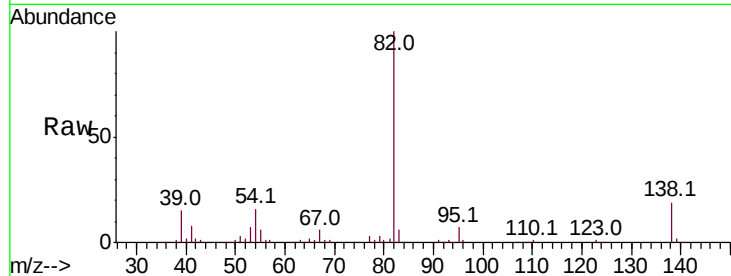
BNA_F

ClientSampleId :

SSTDCCC040

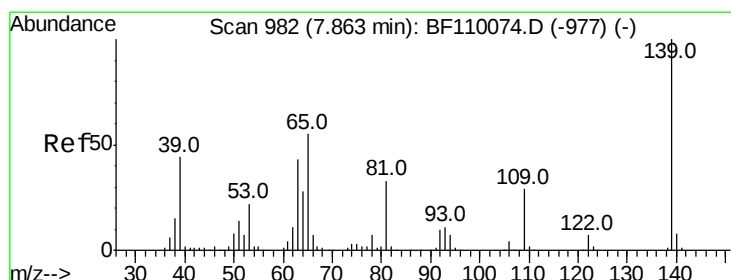
Tot Ion:	82	Resp:	260924
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	18.6	13.2	19.8

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#26

2-Nitrophenol

Concen: 29.178 ng

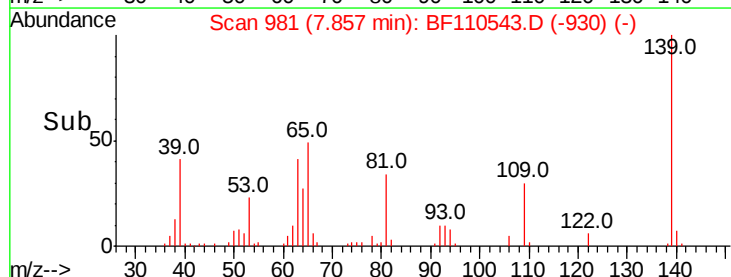
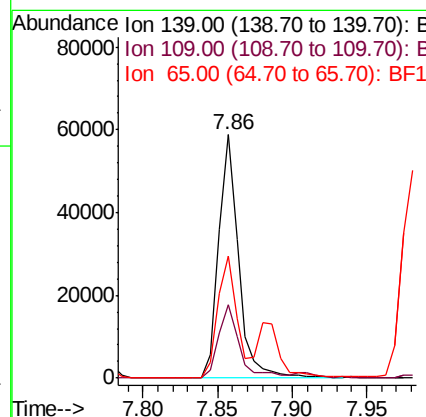
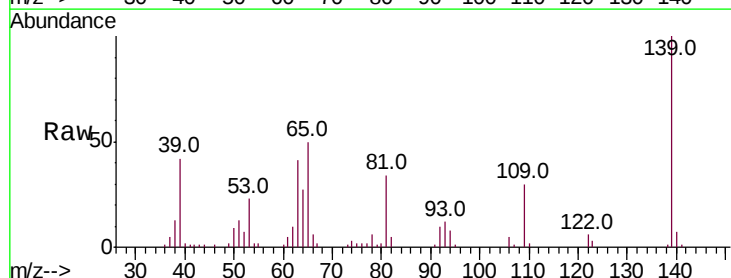
RT: 7.86 min Scan# 981

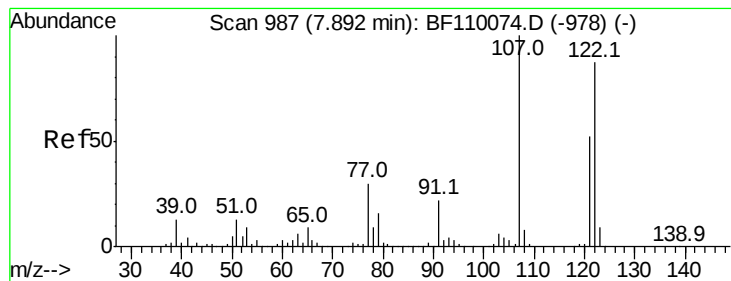
Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Tgt Ion:	139	Resp:	54922
Ion Ratio	Lower	Upper	
139	100		
109	30.0	25.0	37.6
65	50.2	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 40.560 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

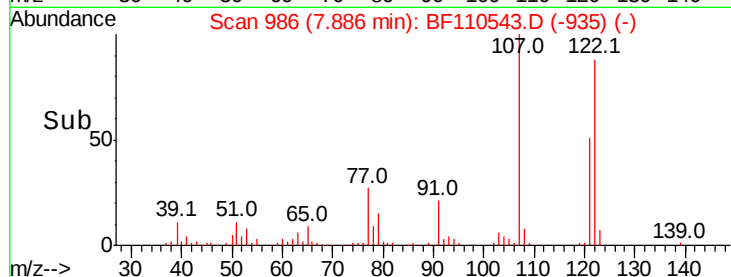
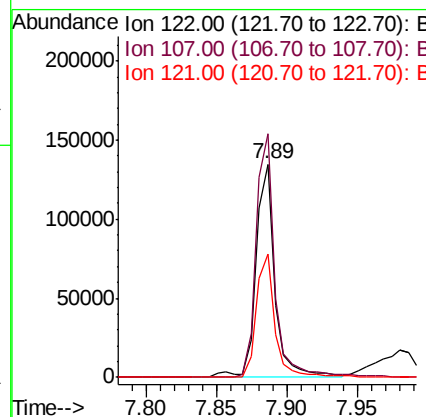
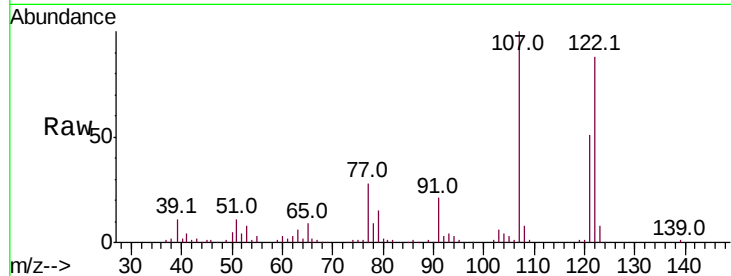
BNA_F

ClientSampleId :

SSTDCCC040

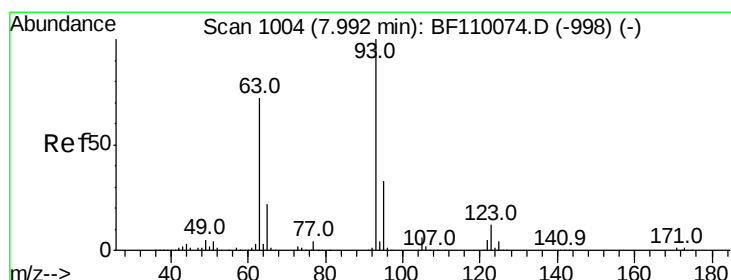
Tot Ion:	122	Resp:	126580
Ion Ratio	Lower	Upper	
122	100		
107	114.2	92.5	138.7
121	57.8	45.8	68.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 42.208 ng

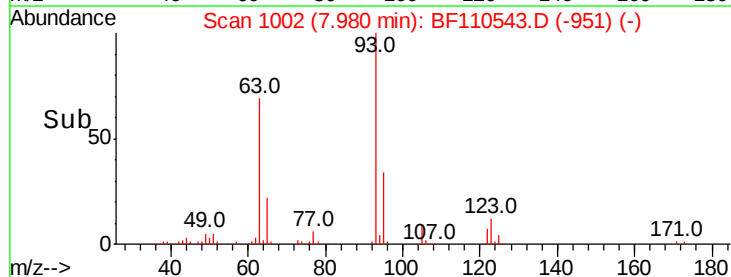
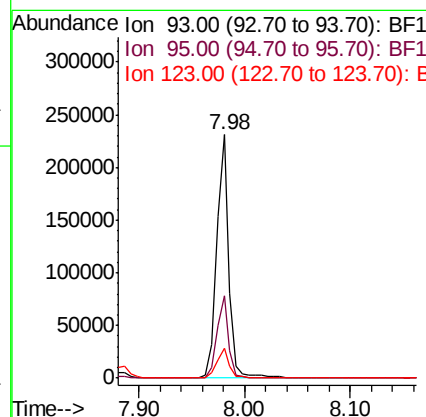
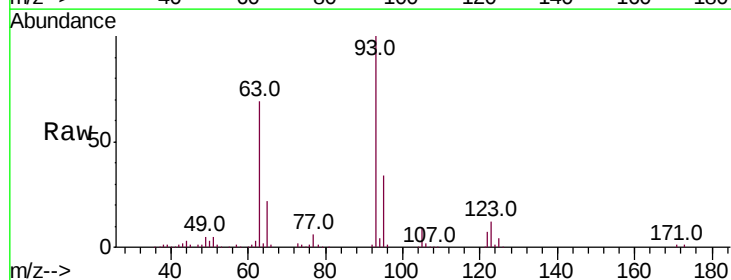
RT: 7.98 min Scan# 1002

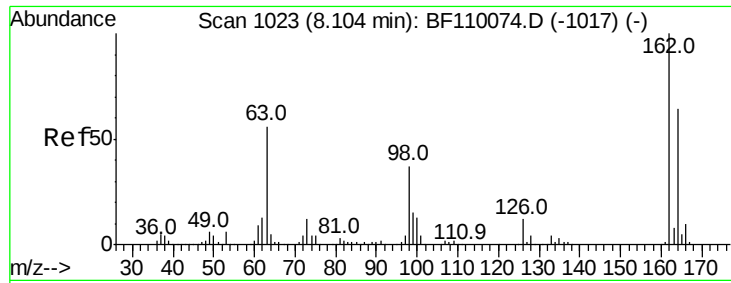
Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Tgt Ion:	93	Resp:	187264
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.4	39.6
123	12.1	9.0	13.6



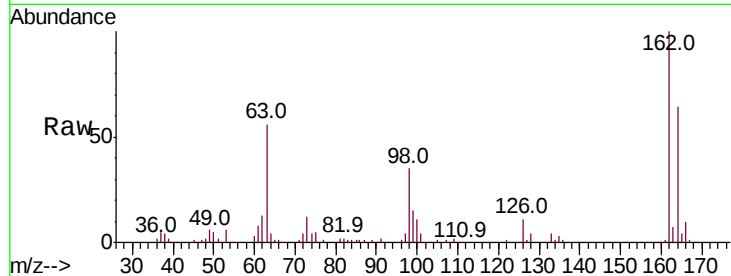


#29
2,4-Dichlorophenol
Concen: 39.988 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

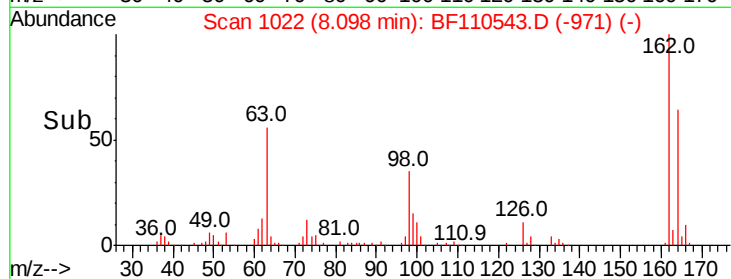
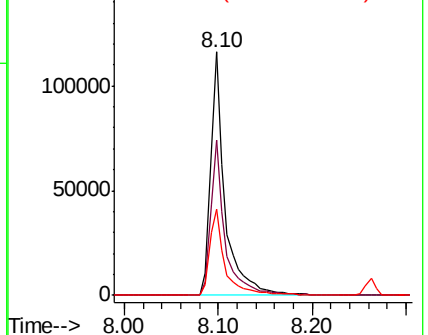
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126080		
164	63.6		44.6	84.6
98	35.4		17.4	57.4

Manual Integrations
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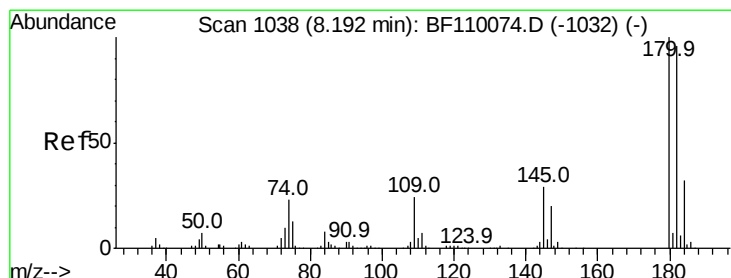


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



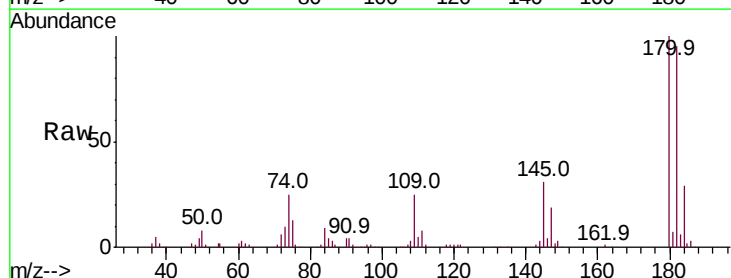
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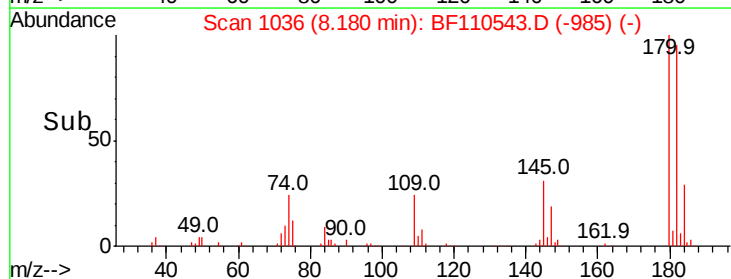
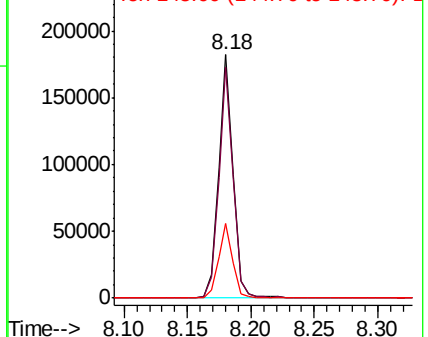


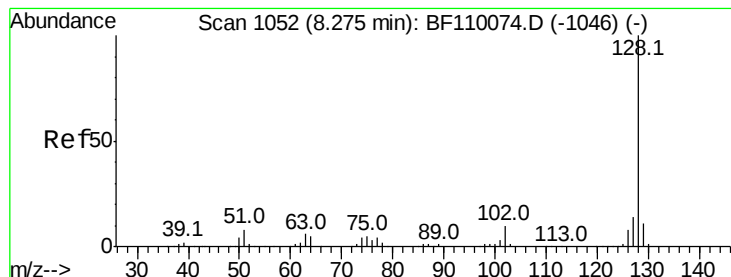
#30
1,2,4-Trichlorobenzene
Concen: 41.355 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146052		
182	94.8		80.3	120.5
145	30.6		25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.272 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

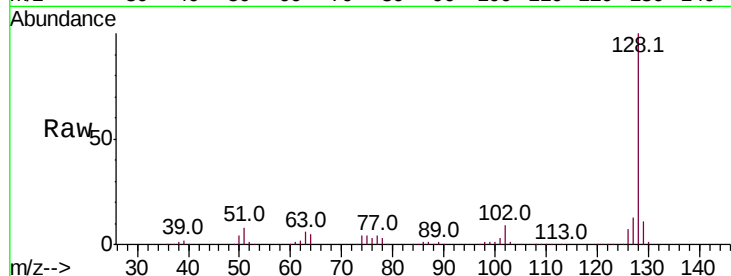
BNA_F

ClientSampleId :

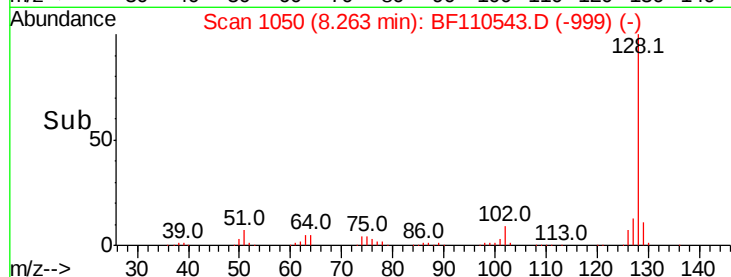
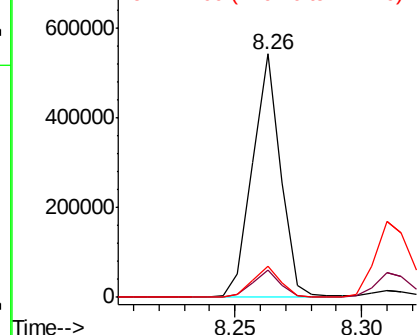
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.8	16.2

Manual Integrations
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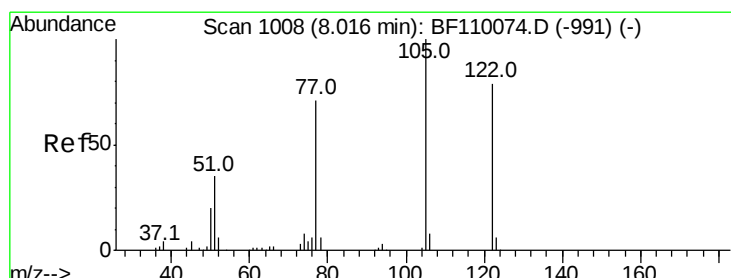


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 22.976 ng m

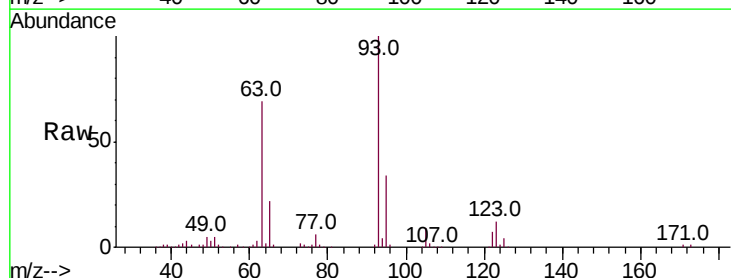
RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

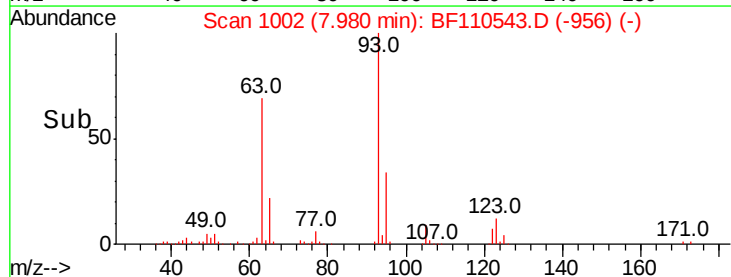
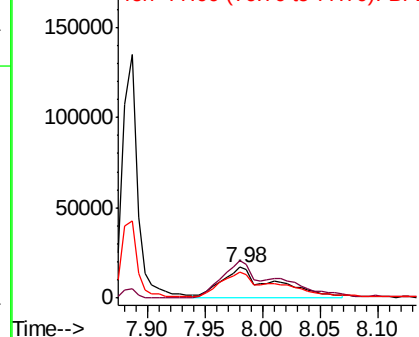
Lab File: BF110543.D

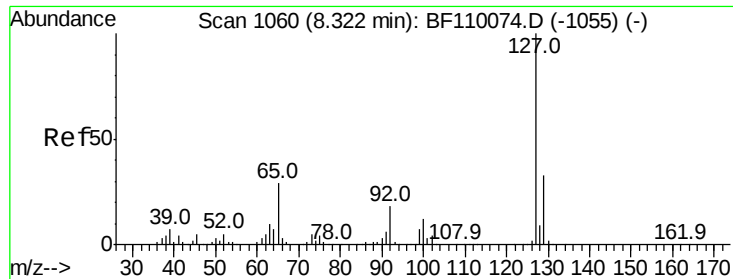
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	109.0	149.0
77	86.7	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



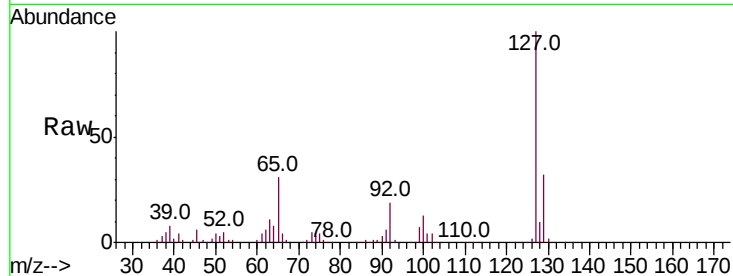


#33
 4-Chloroaniline
 Concen: 38.644 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

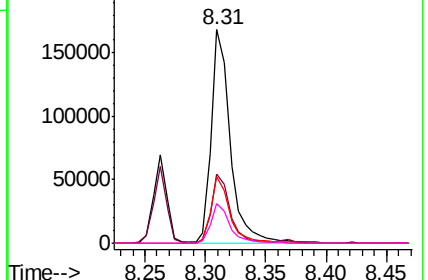
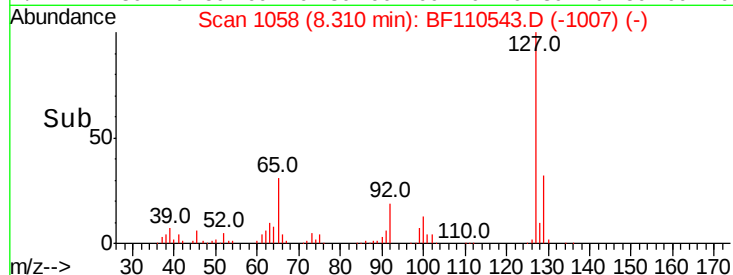
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.0	39.0		
65	31.4	25.1	37.7		
92	18.6	15.0	22.6		

Manual Integrations
 APPROVED

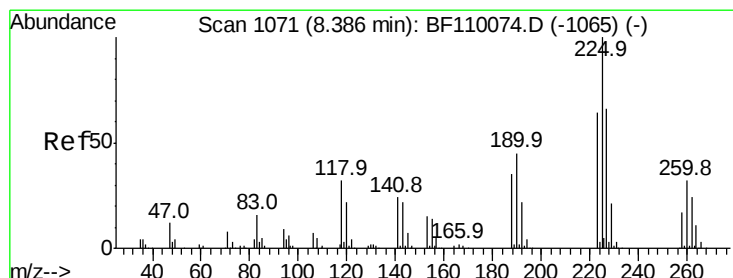


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1



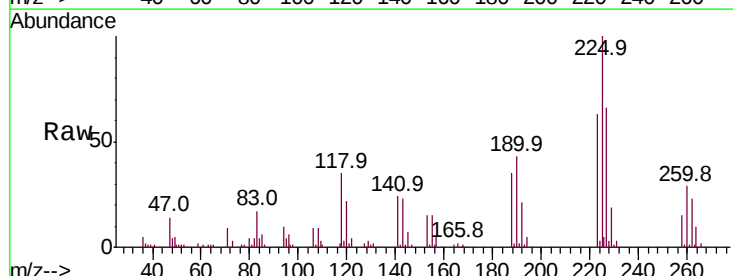
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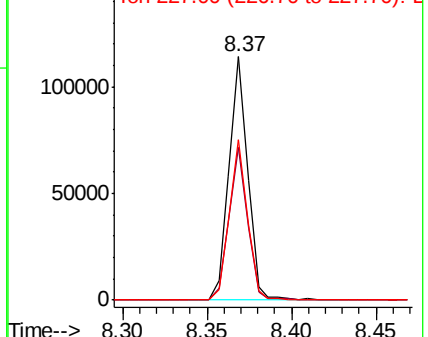
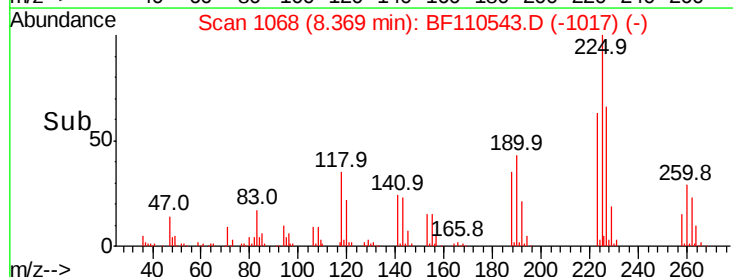


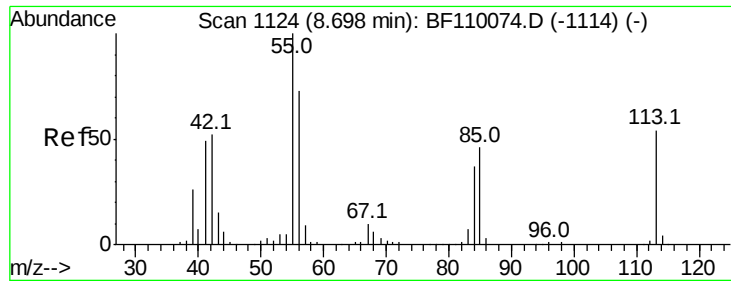
#34
 Hexachlorobutadiene
 Concen: 44.777 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.4	77.2		
227	66.0	51.0	76.6		



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E



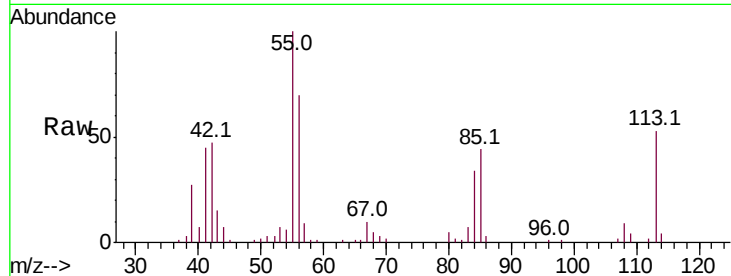


#35
Caprolactam
Concen: 34.842 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

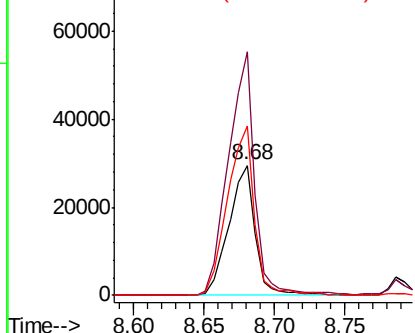
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 38289
Ion Ratio Lower Upper
113 100
55 187.2 142.8 182.8#
56 130.3 105.0 145.0

Manual Integrations
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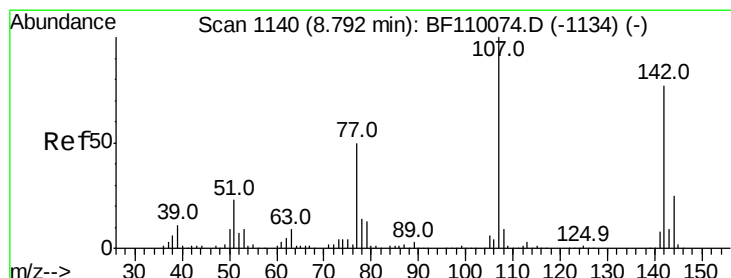
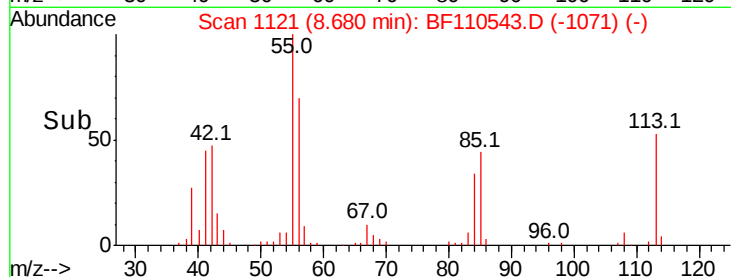


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



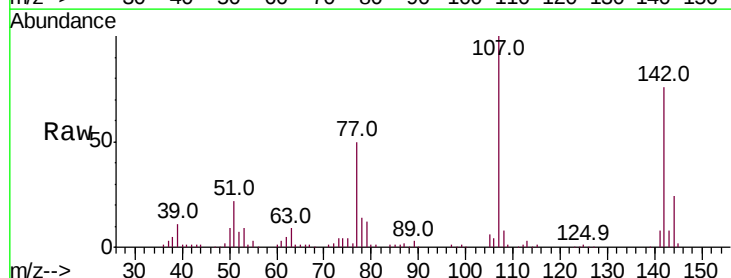
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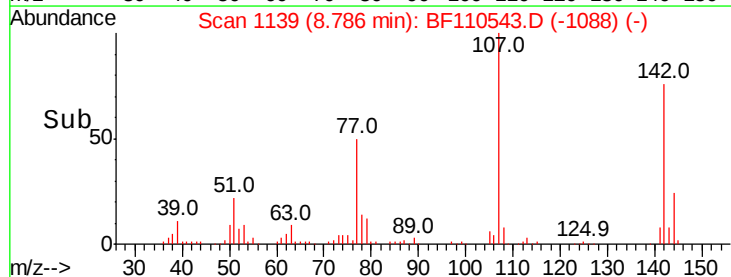
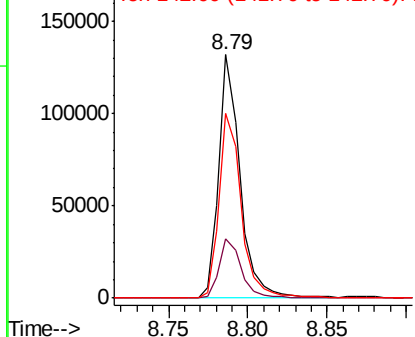


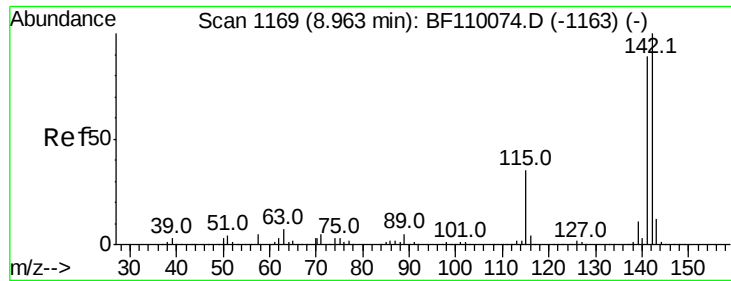
#36
4-Chloro-3-methylphenol
Concen: 36.281 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion:107 Resp: 123697
Ion Ratio Lower Upper
107 100
144 24.1 20.0 30.0
142 76.1 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



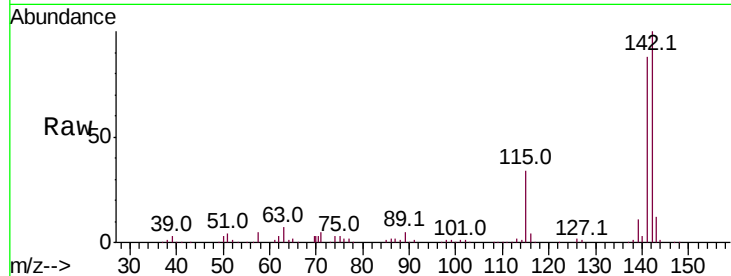


#37
2-Methylnaphthalene
Concen: 37.083 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	34.1	28.7	43.1

Manual Integrations
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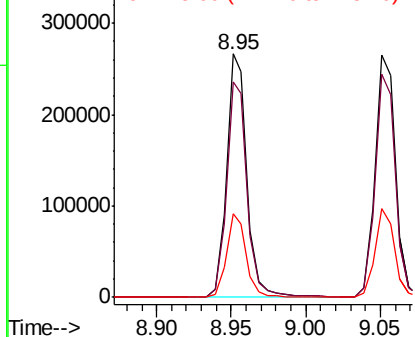


Abundance

Ion 142.00 (141.70 to 142.70): E

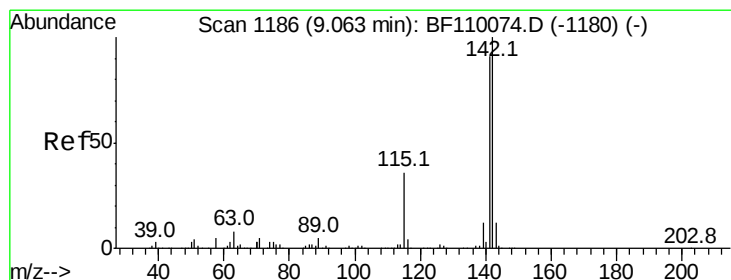
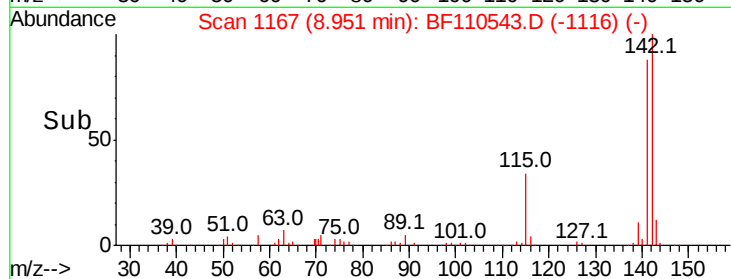
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



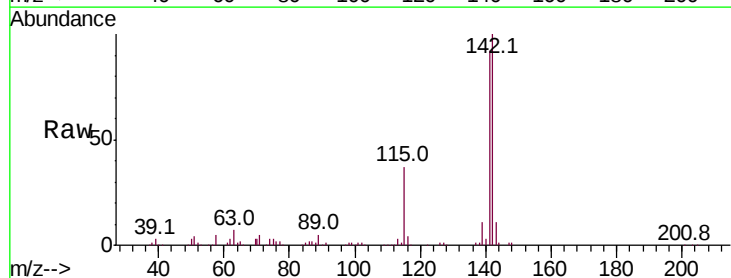
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#38
1-Methylnaphthalene
Concen: 36.712 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	3.6	2.6	4.0

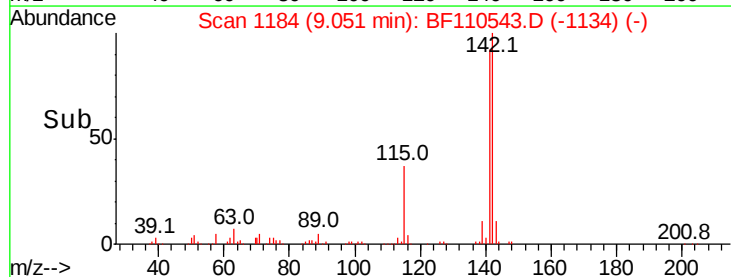
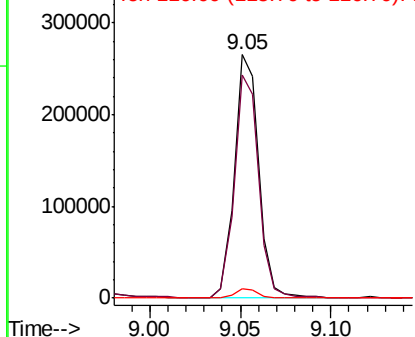


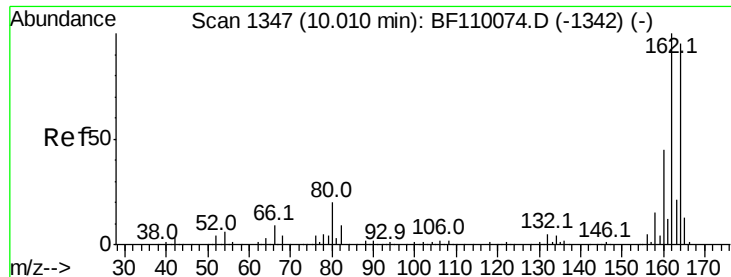
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



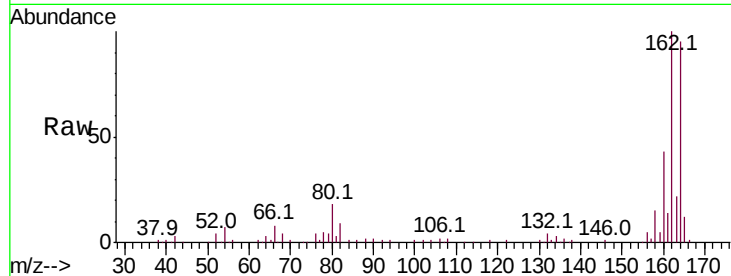


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	45.8	37.0	55.6

Manual Integrations
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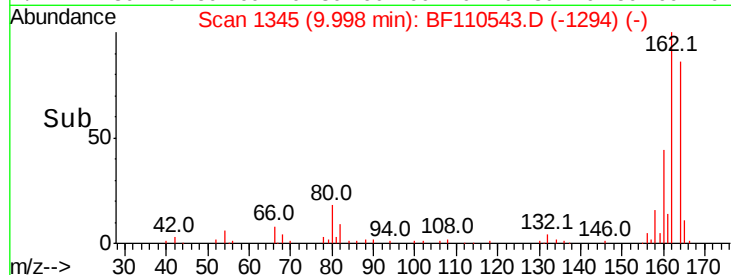
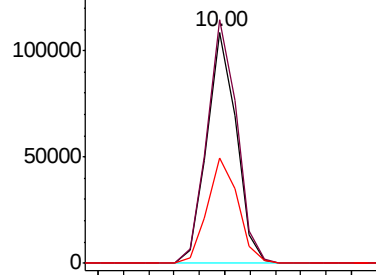


Abundance

Ion 164.00 (163.70 to 164.70): E

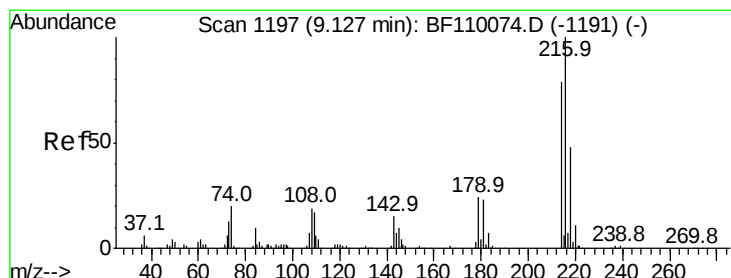
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.091 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	21.9	16.6	25.0
108	18.1	15.1	22.7

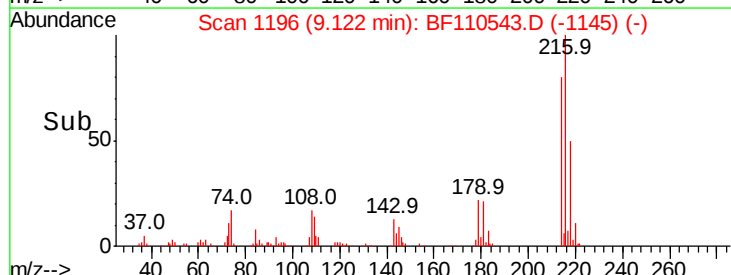
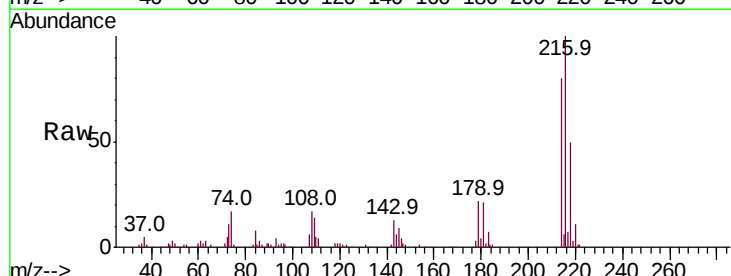
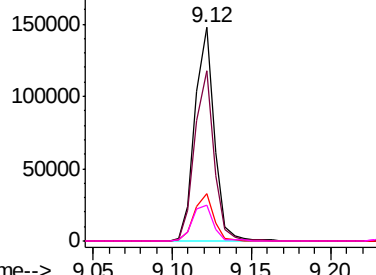
Abundance

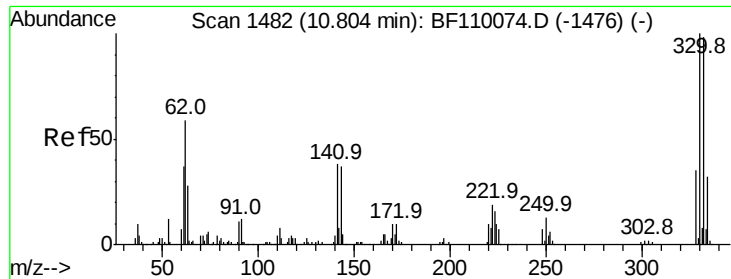
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



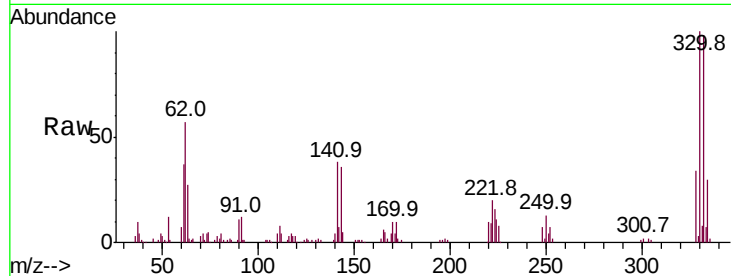


#42
 2,4,6-Tribromophenol
 Concen: 82.727 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	37.4	27.0	40.4

Manual Integrations
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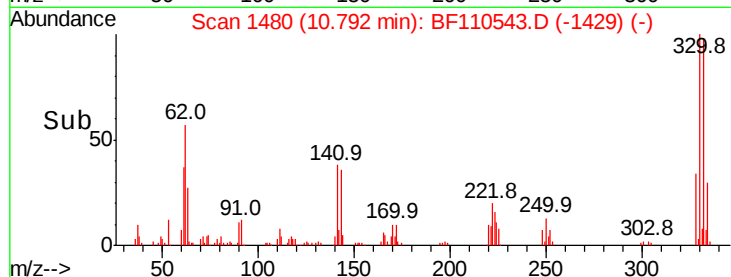
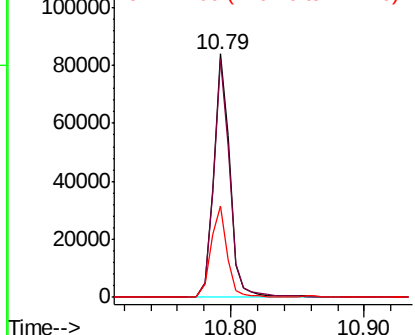


Abundance

Ion 329.80 (329.50 to 330.50): E

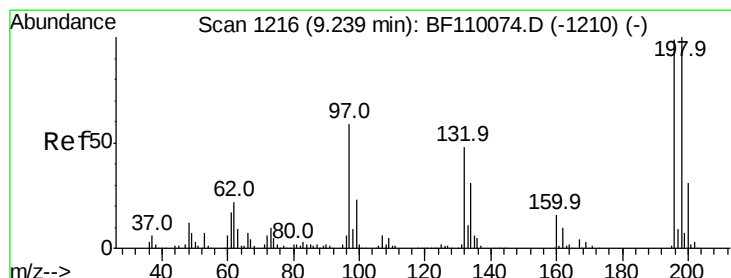
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



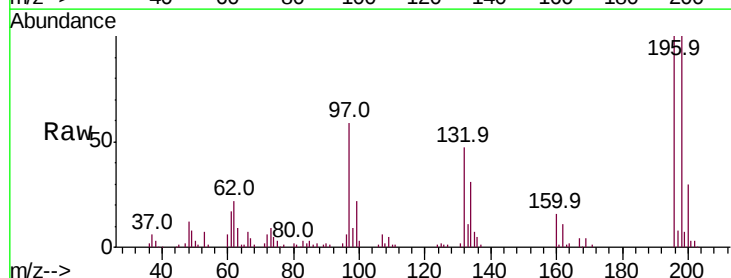
Sohil

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#43
 2,4,6-Trichlorophenol
 Concen: 42.396 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	76.2	114.4
200	30.4	24.4	36.6

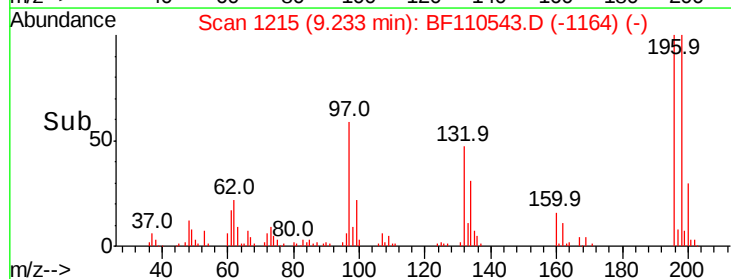
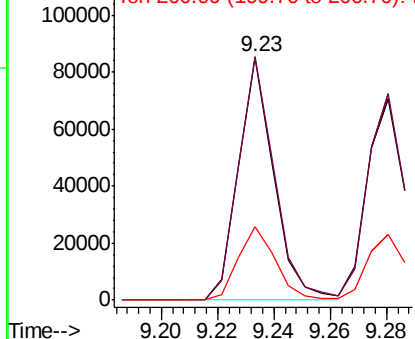


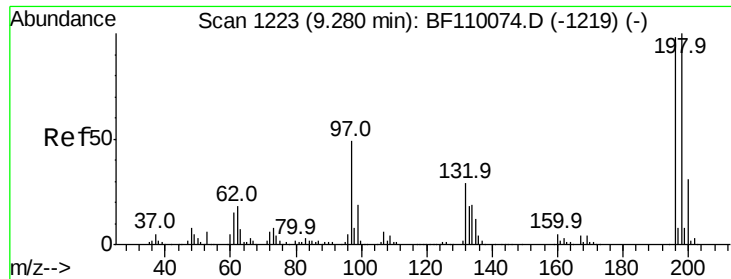
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



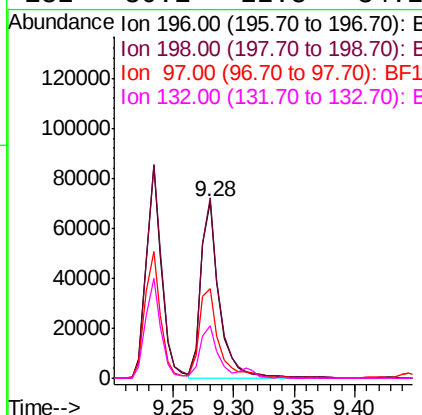
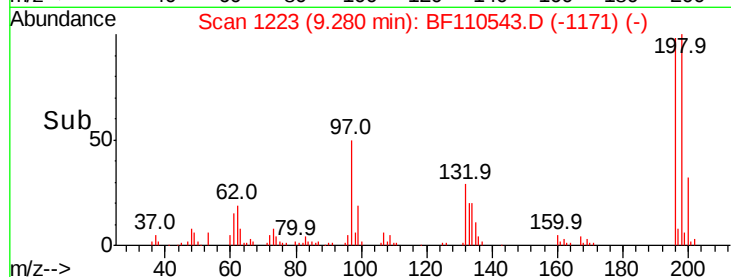
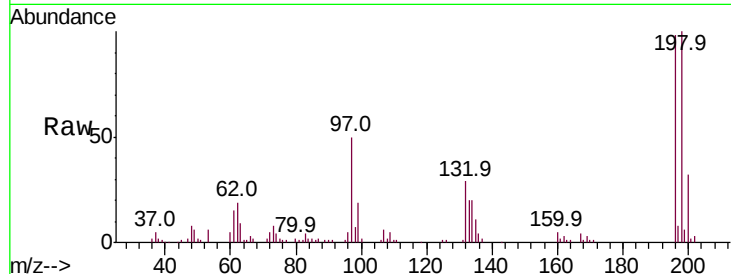


#44
 2,4,5-Trichlorophenol
 Concen: 40.607 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

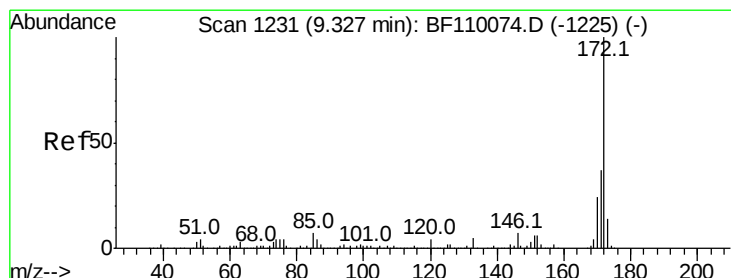
Tot Ion:	196	Resp:	75413
Ion Ratio	Lower	Upper	
196	100		
198	102.4	75.8	113.6
97	50.9	42.4	63.6
132	30.1	22.8	34.2

Manual Integrations
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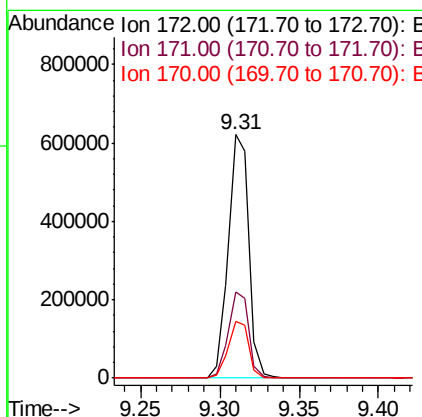
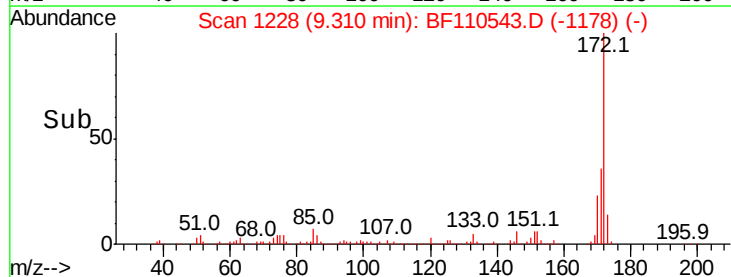
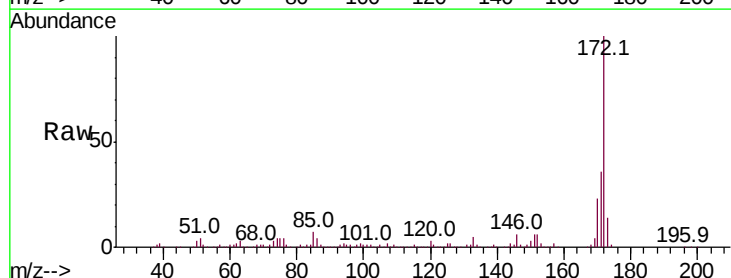
Sohil

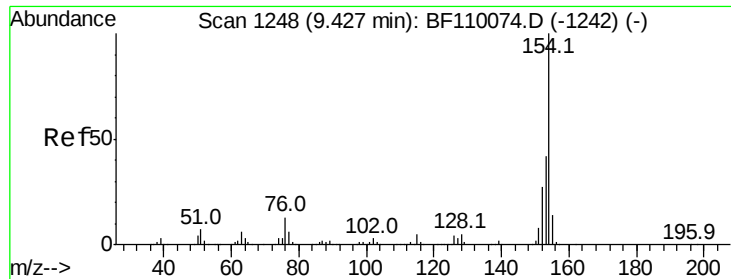
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#45
 2-Fluorobiphenyl
 Concen: 100.287 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion:	172	Resp:	558347
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.4	19.7	29.5



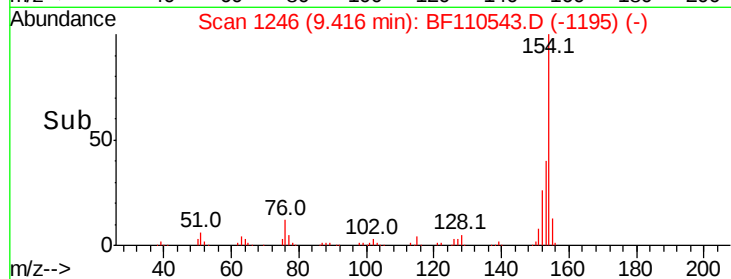
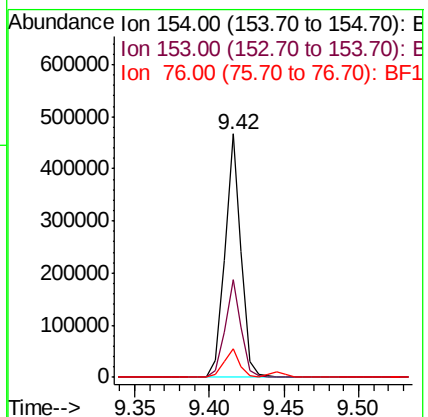
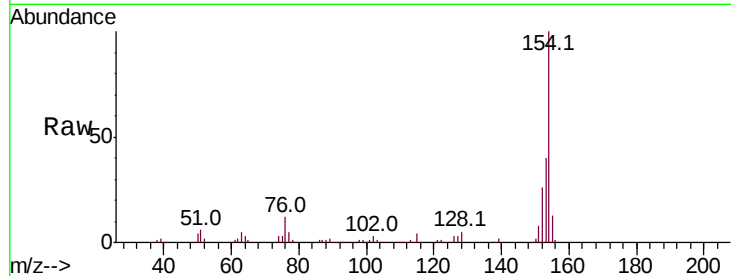


#46
1,1'-Biphenyl
Concen: 45.167 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

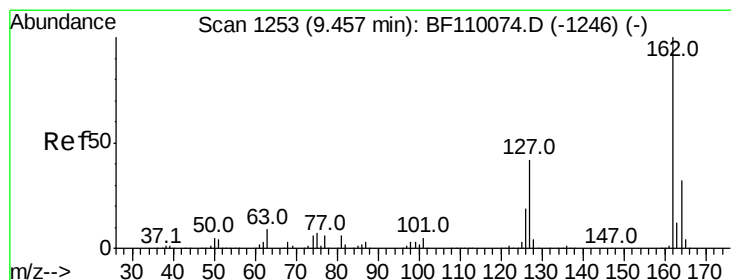
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	11.6	0.0	31.9

Manual Integrations
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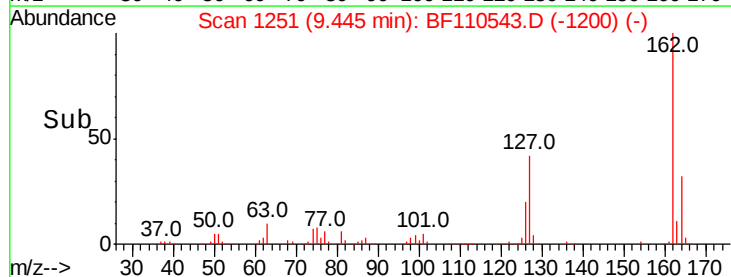
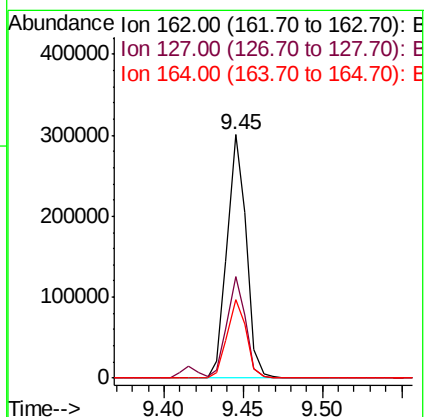
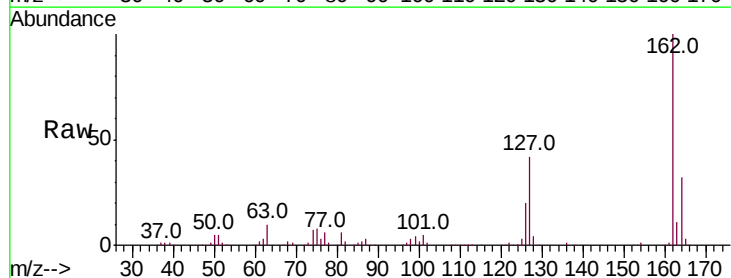
Sohil

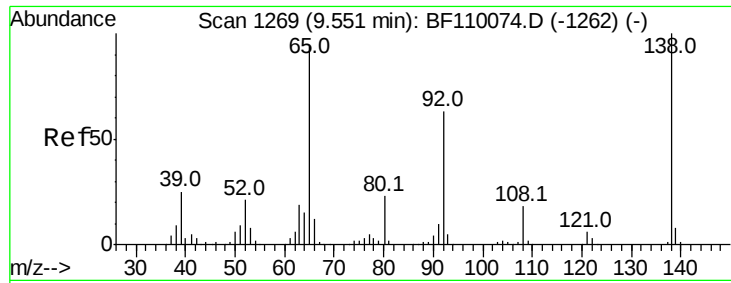
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#47
2-Chloronaphthalene
Concen: 43.624 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.6	48.8
164	32.2	25.9	38.9



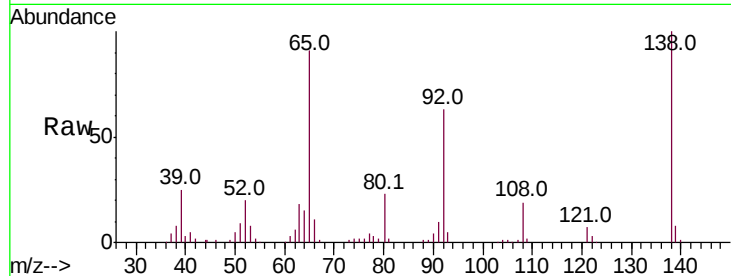


#48
2-Nitroaniline
Concen: 47.257 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.6	81.8
138	109.9	80.3	120.5

Manual Integrations
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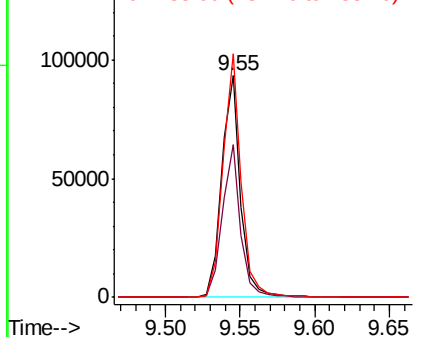


Abundance

Ion 65.00 (64.70 to 65.70): BF1

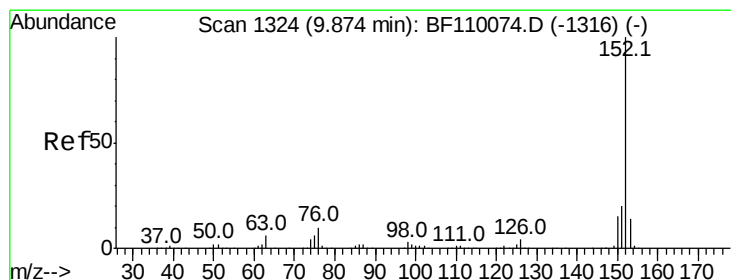
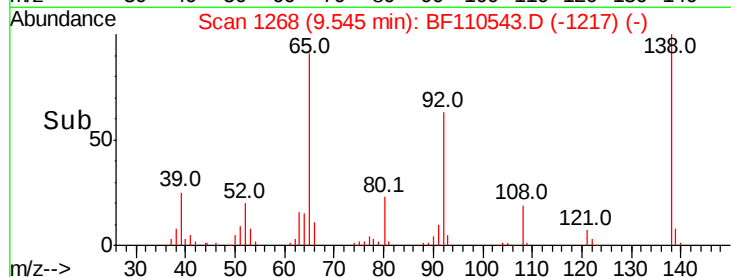
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



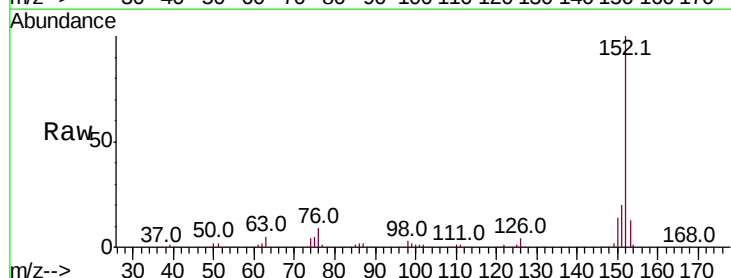
Sohil

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#49
Acenaphthylene
Concen: 42.510 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.4	10.4	15.6

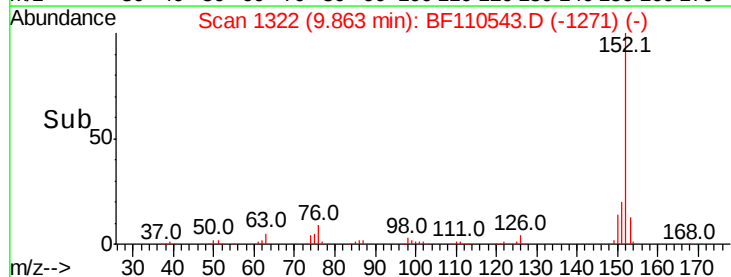
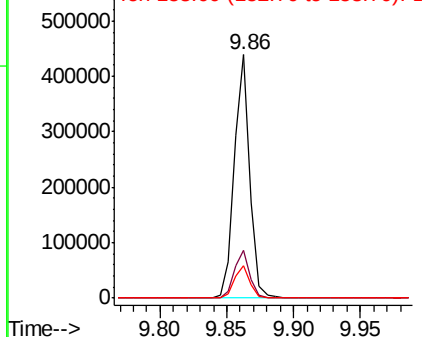


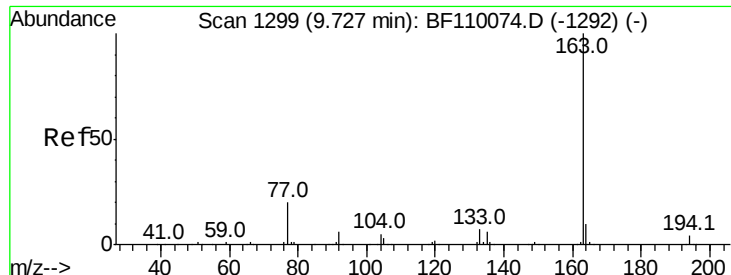
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



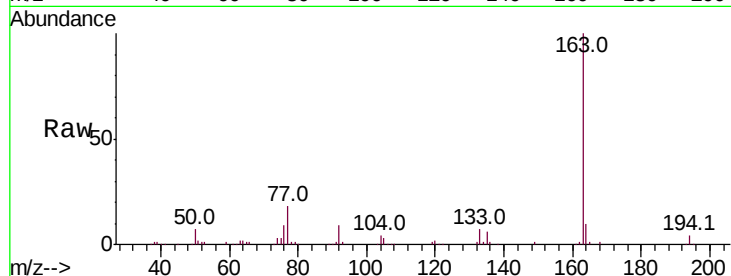


#50
Dimethylphthalate
Concen: 43.963 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

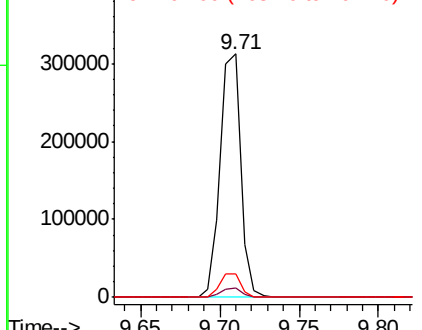
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	283710		
194	3.8		3.2	4.8
164	9.8		8.1	12.1

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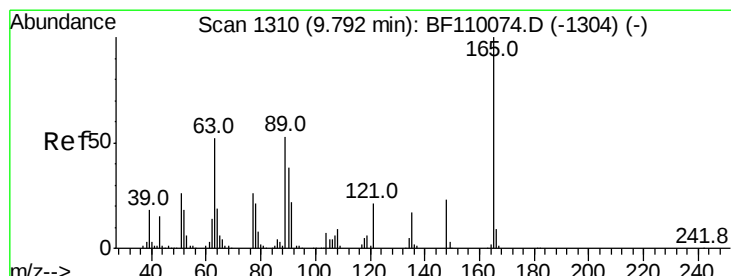
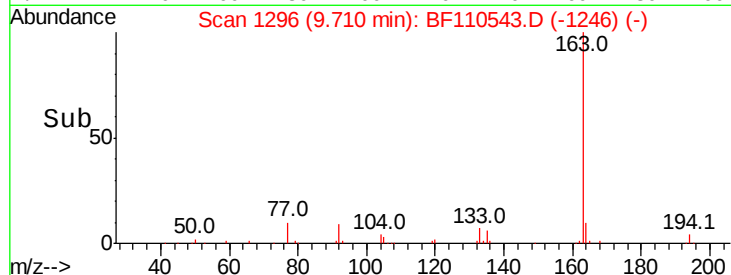


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



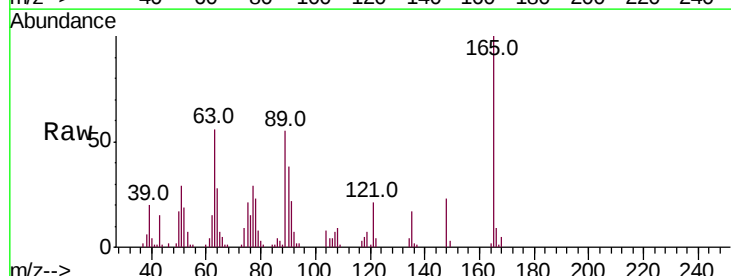
Sohil

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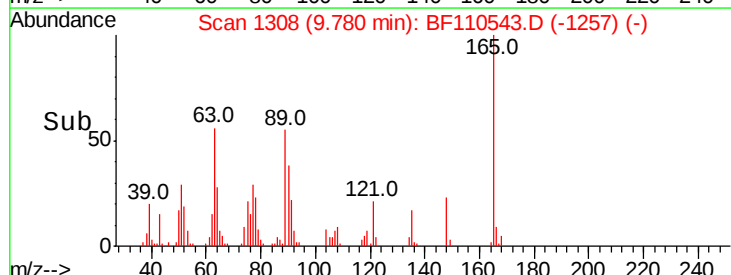
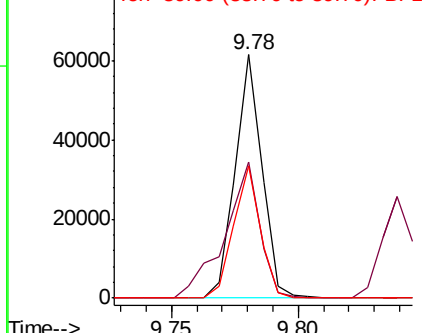


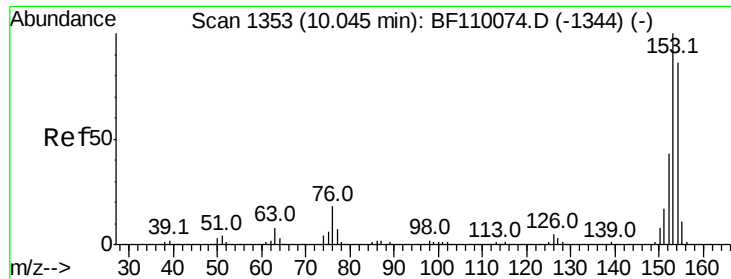
#51
2,6-Dinitrotoluene
Concen: 32.257 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44840		
63	56.1		48.9	73.3
89	54.5		46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 39.773 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

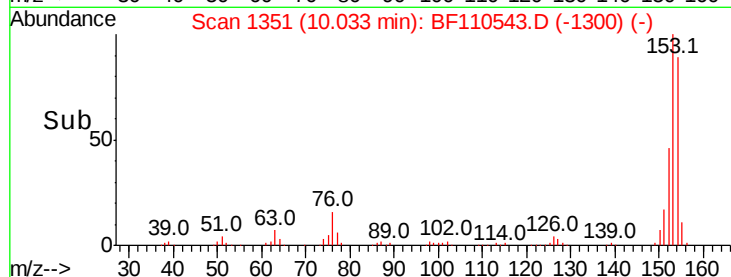
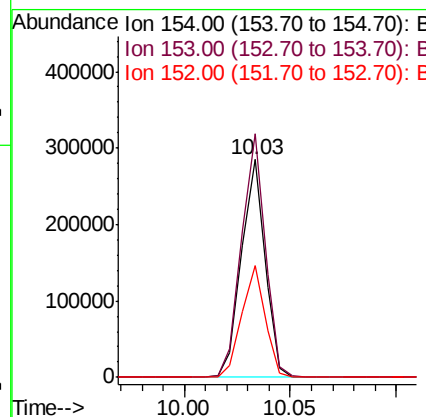
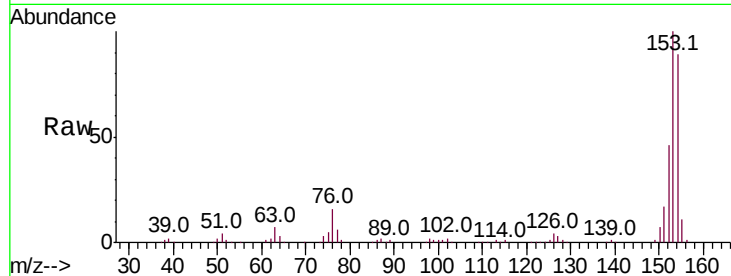
BNA_F

ClientSampleId :

SSTDCCC040

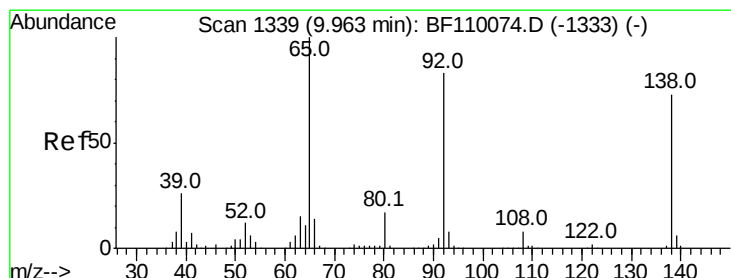
Tot Ion:	154	Resp:	220384
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.1	135.1
152	51.1	43.4	65.2

Manual Integrations
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#53

3-Nitroaniline

Concen: 49.008 ng

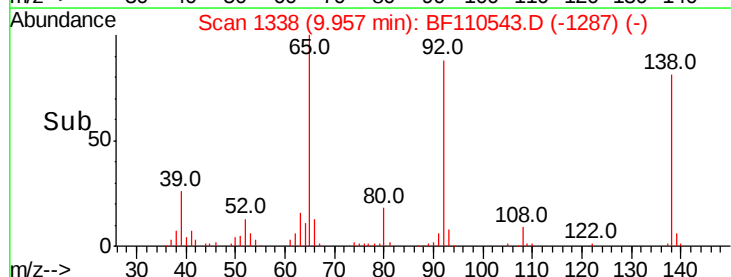
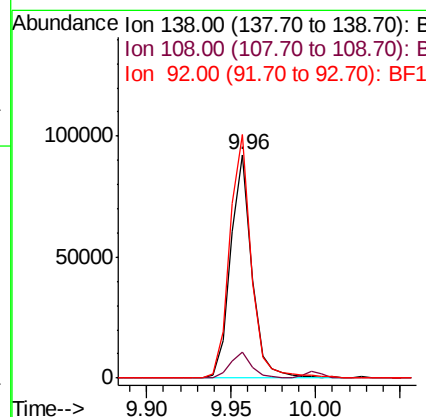
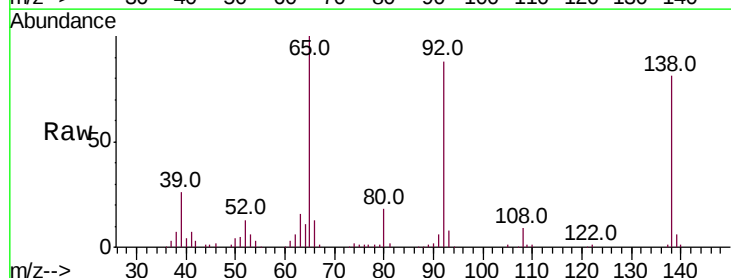
RT: 9.96 min Scan# 1338

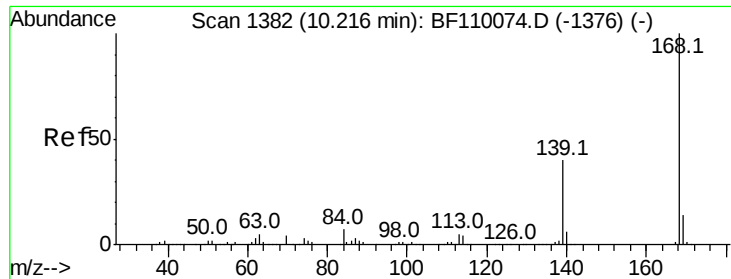
Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Tgt Ion:	138	Resp:	81014
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.7	13.1
92	108.8	97.0	145.4



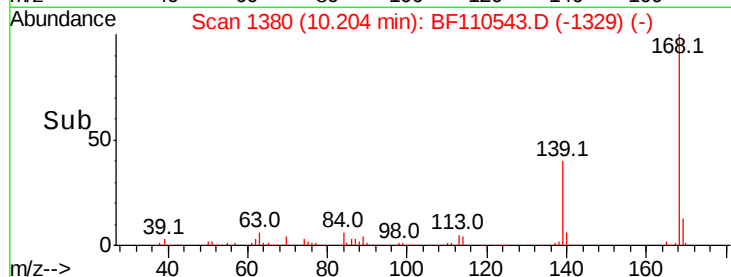
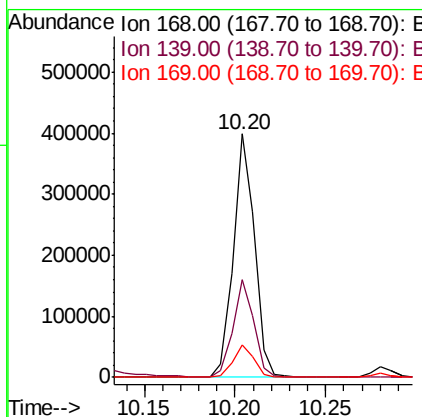
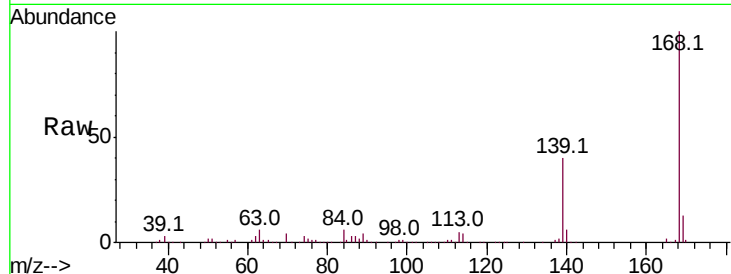


#55
Dibenzenofuran
Concen: 41.909 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

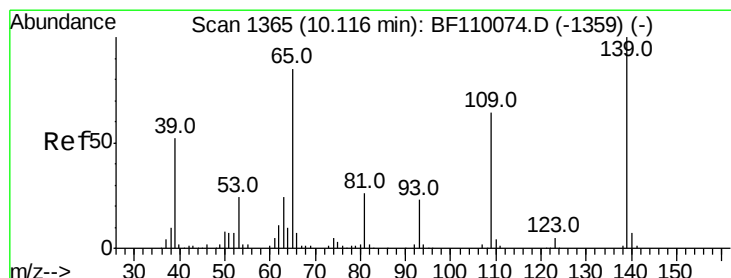
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	33.0	49.6
169	13.3	11.3	16.9

Manual Integrations
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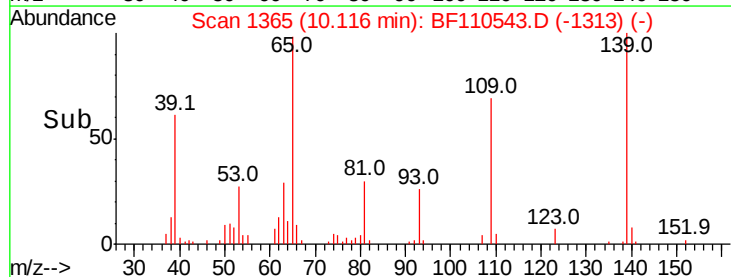
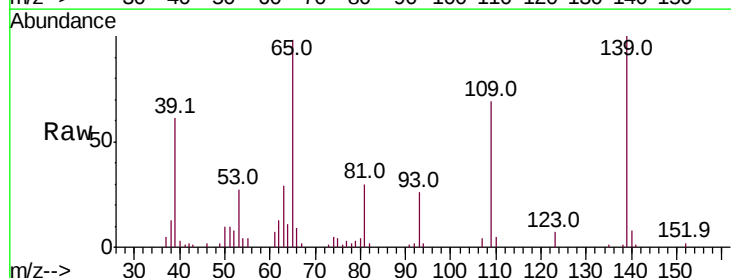
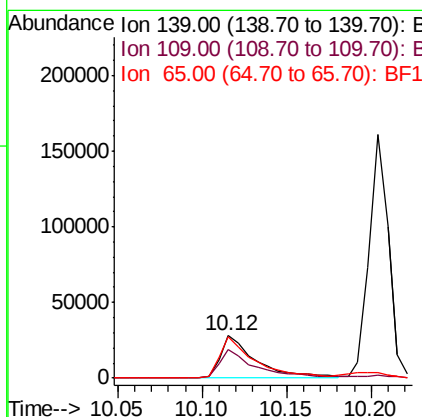
Sohil

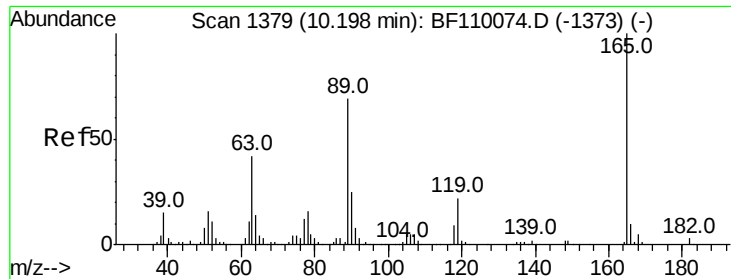
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#56
4-Nitrophenol
Concen: 33.284 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	55.8	95.8
65	97.6	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 28.740 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

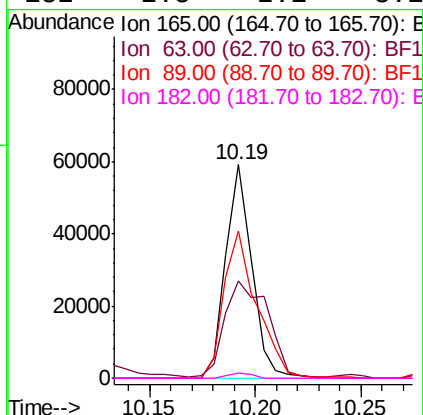
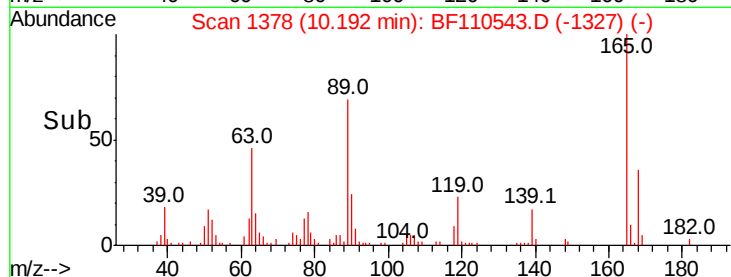
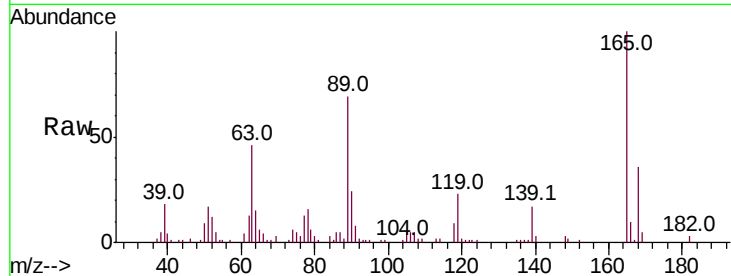
BNA_F

ClientSampleId :

SSTDCCC040

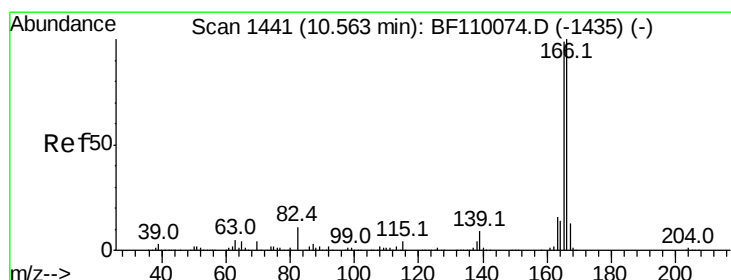
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	44.8	67.2
89	68.8	62.2	93.4
182	2.5	2.1	3.1

Manual Integrations
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Sohil

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#58

Fluorene

Concen: 42.273 ng

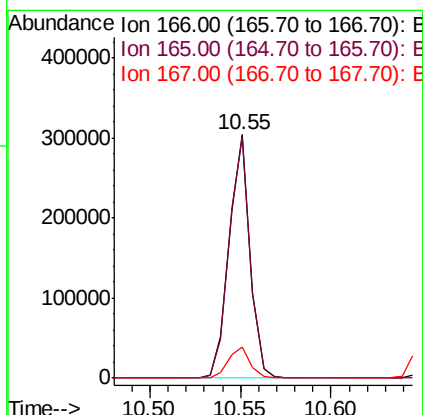
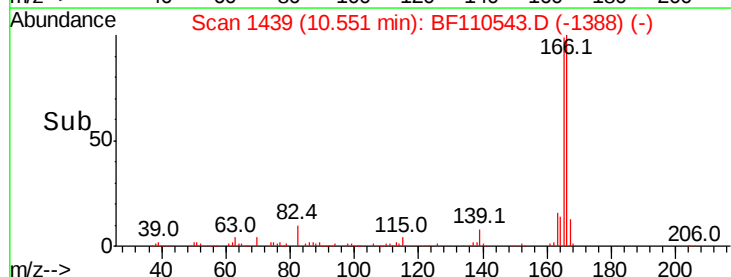
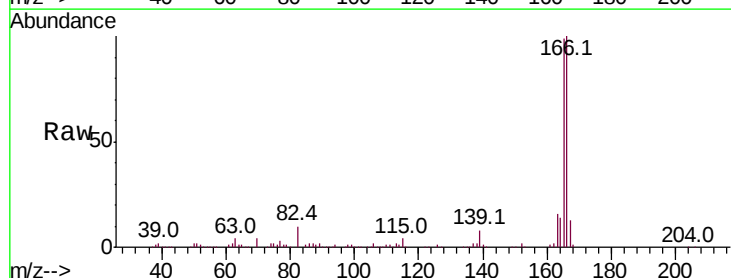
RT: 10.55 min Scan# 1439

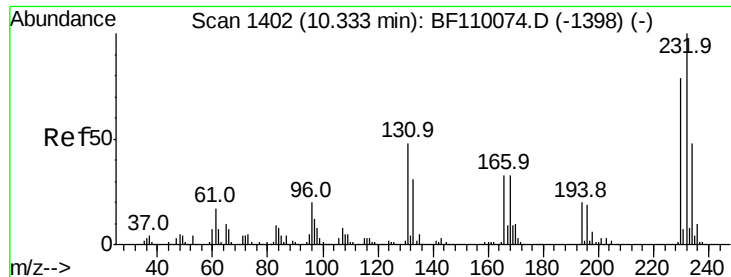
Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	12.8	10.8	16.2



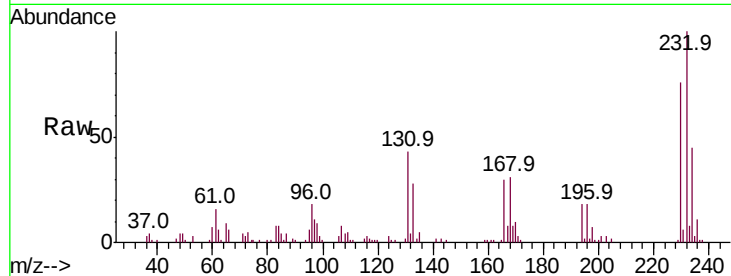


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.544 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	61372
Ion Ratio	Lower	Upper	
232	100		
131	48.0	37.0	55.4
130	2.2	1.8	2.6
166	31.8	22.0	33.0

Manual Integrations
APPROVED



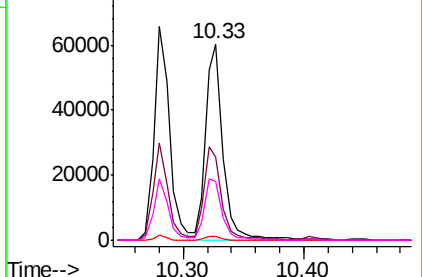
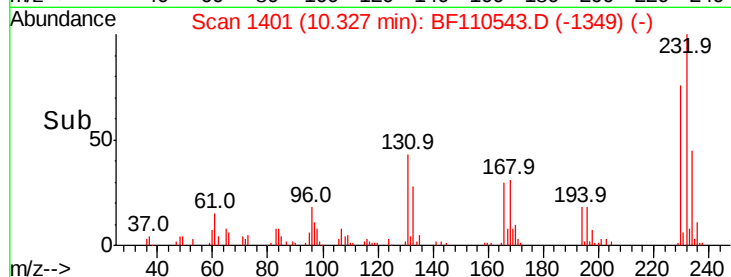
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

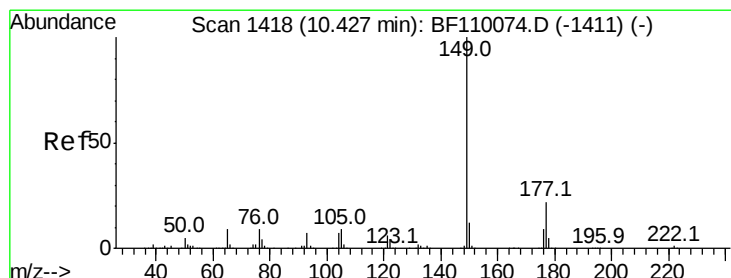
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



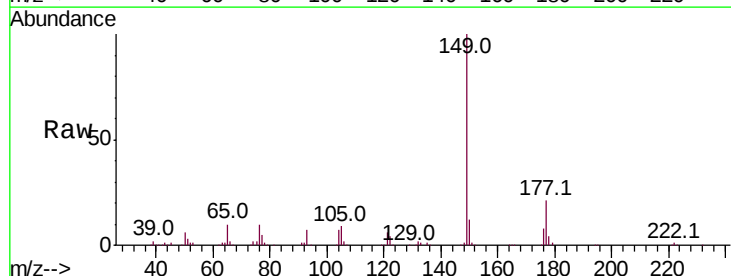
Sohil

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#60
Diethylphthalate
Concen: 43.607 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion:	149	Resp:	274707
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.4	26.2
150	12.1	9.8	14.8

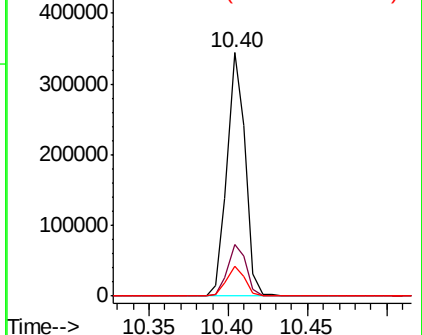
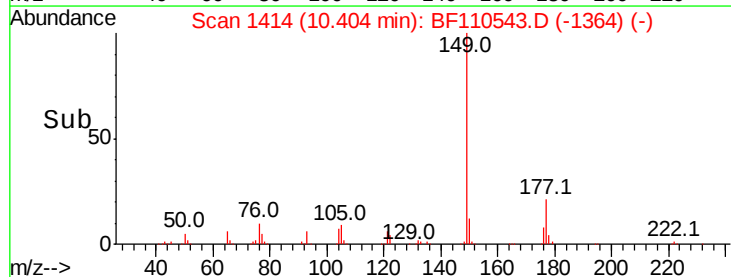


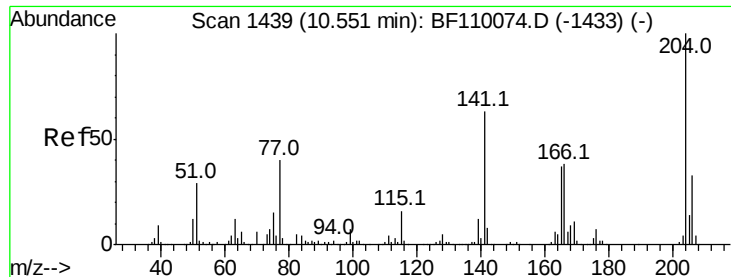
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



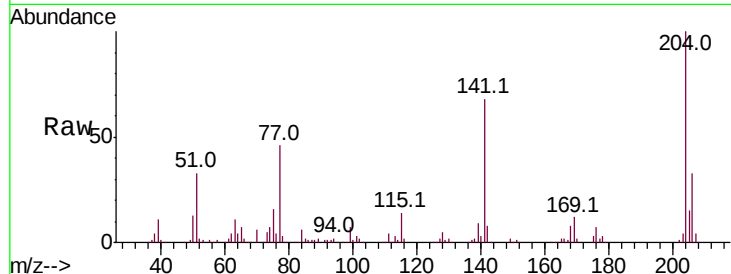


#61
4-Chlorophenyl-phenylether
Concen: 41.903 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	67.6	51.8	77.8

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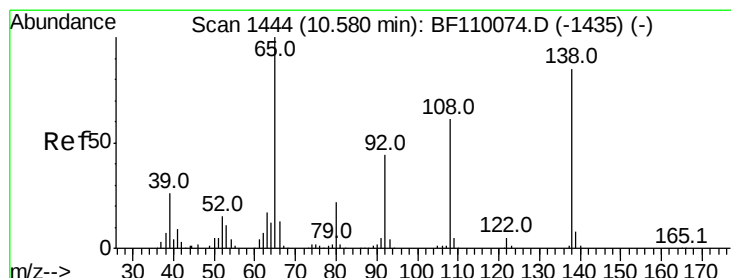
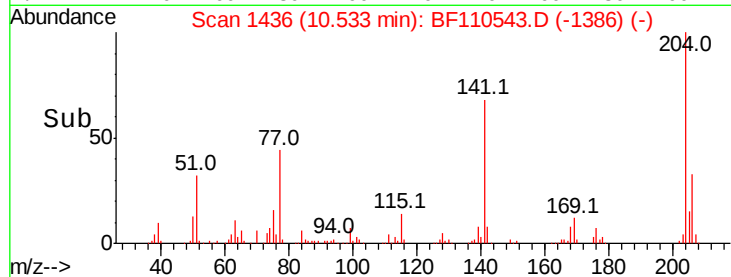
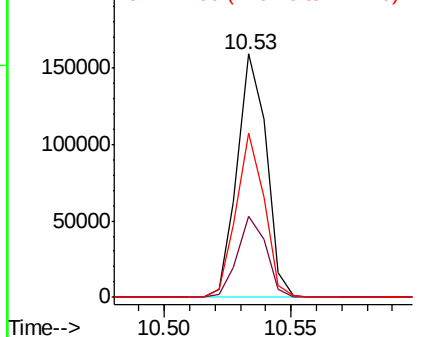


Abundance

Ion 204.00 (203.70 to 204.70): E

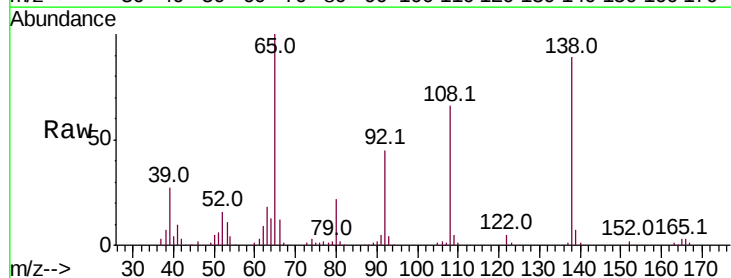
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 51.789 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	73.9	59.3	99.3

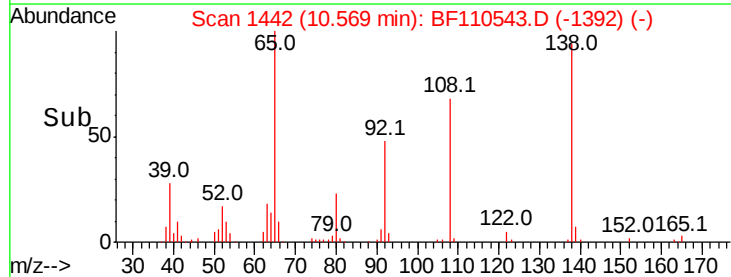
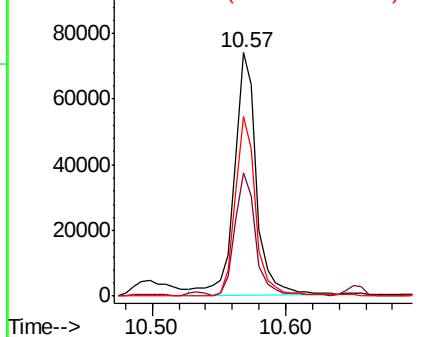


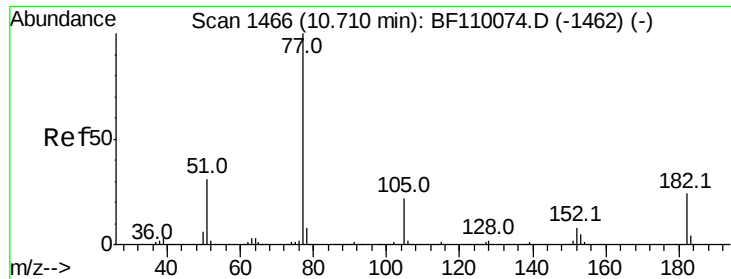
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



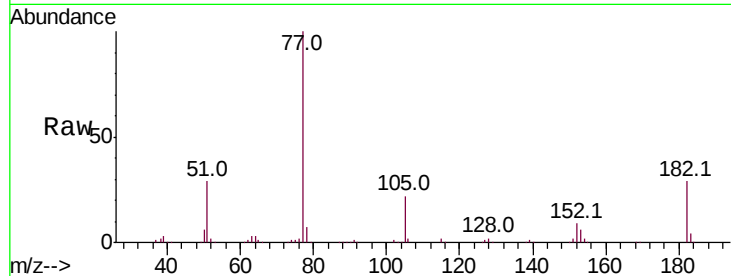


#63
Azobenzene
Concen: 40.094 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

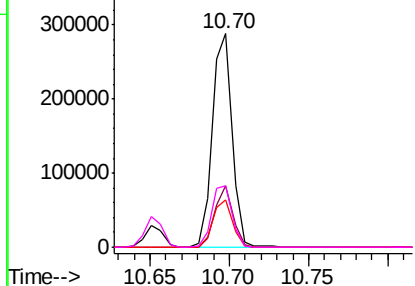
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.8	4.3	44.3		
105	22.4	1.3	41.3		
51	28.9	9.0	49.0		

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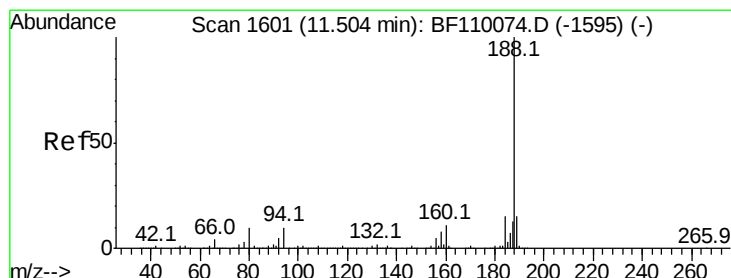
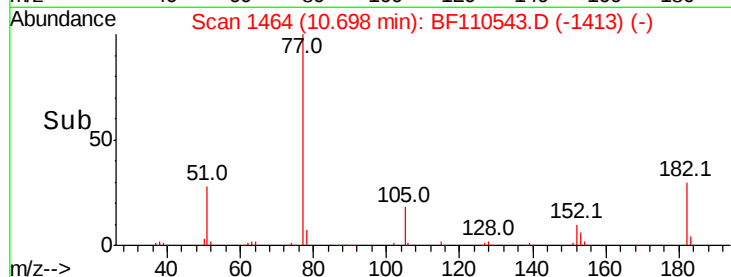


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



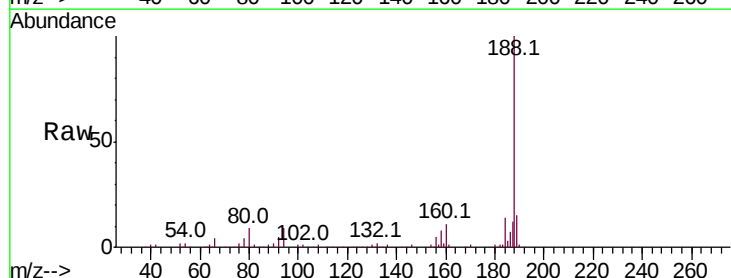
Sohil

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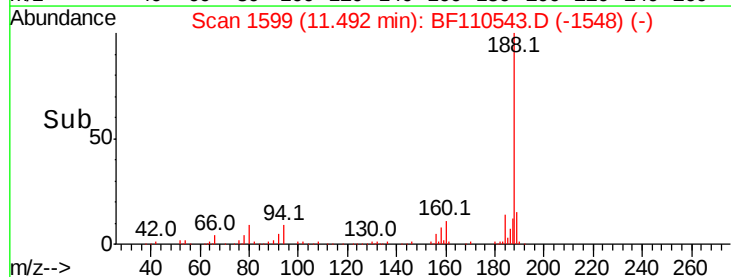
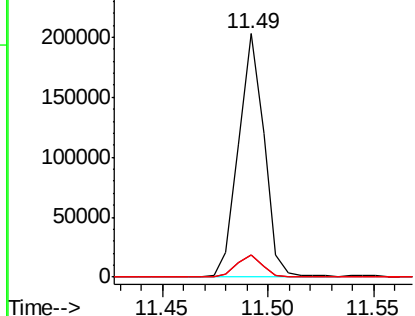


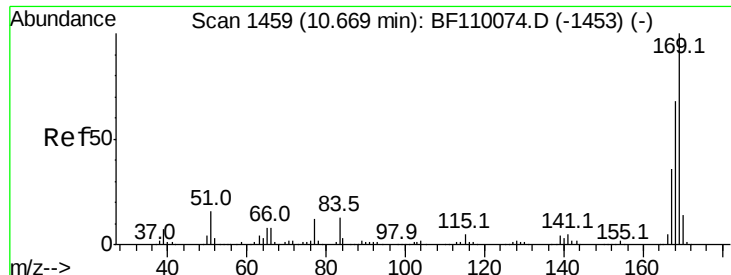
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	7.2	10.8		
80	8.9	7.9	11.9		



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



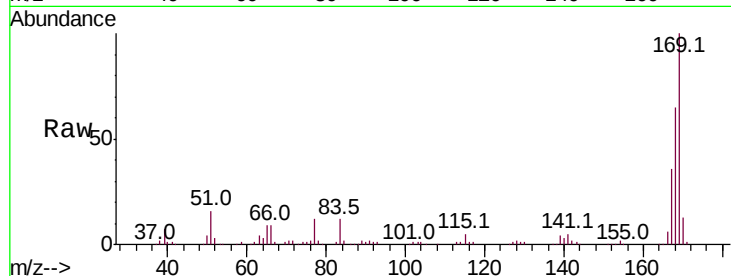


#66
n-Nitrosodiphenylamine
Concen: 41.228 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

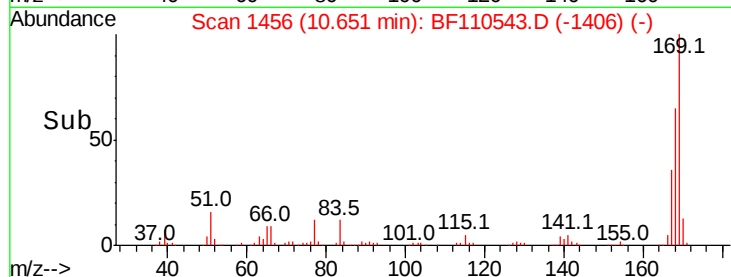
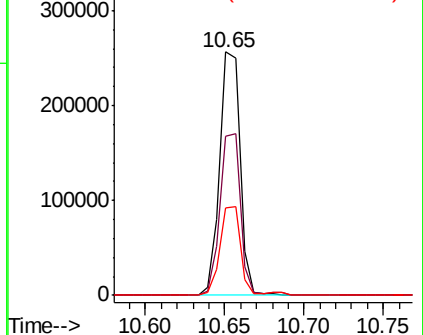
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.2	51.2	76.8	
167	36.1	27.8	41.6	

Manual Integrations
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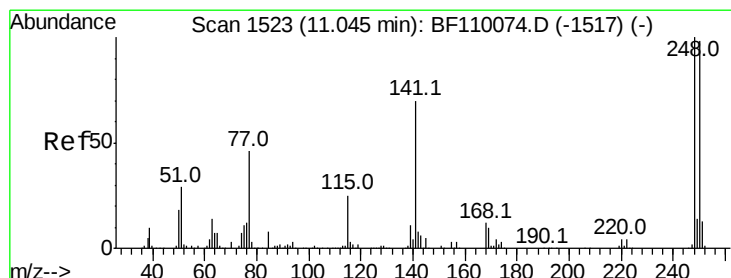


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



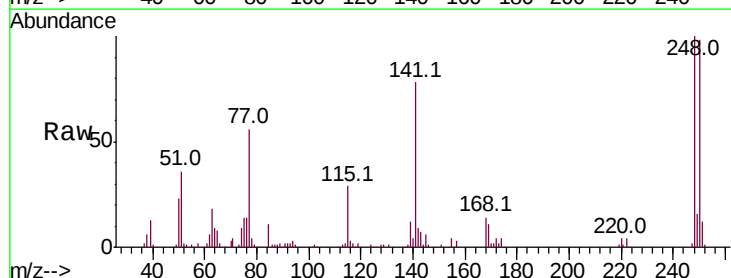
Sohil

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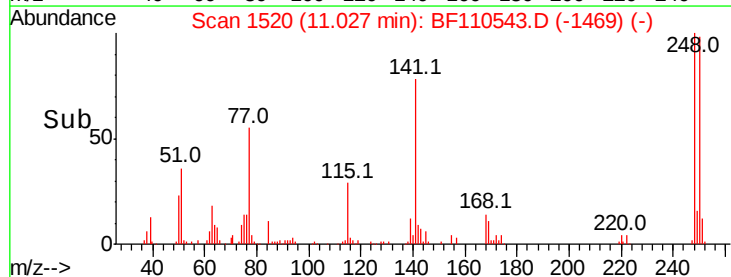
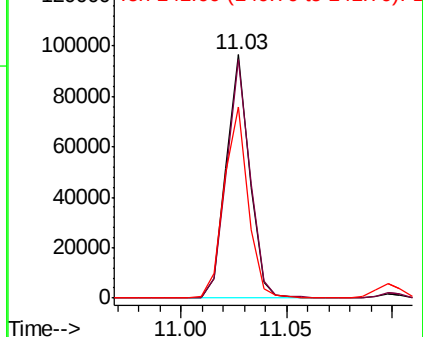


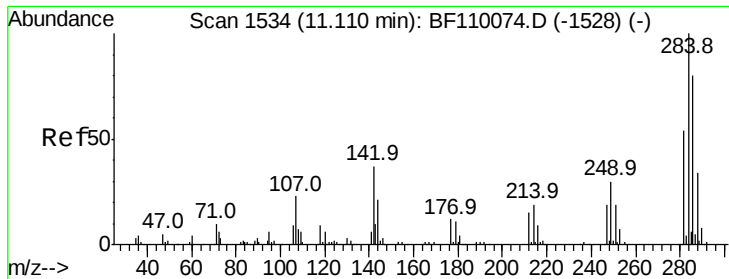
#67
4-Bromophenyl-phenylether
Concen: 39.888 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	79.4	119.2	
141	78.5	55.9	83.9	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



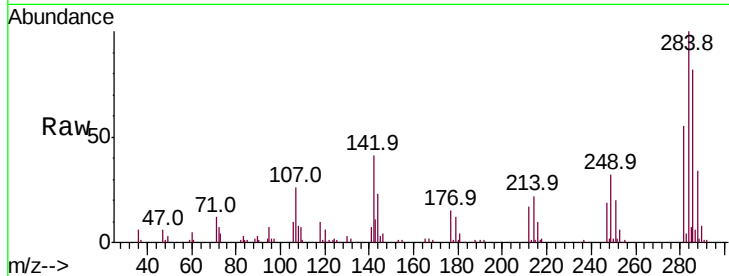


#68
Hexachlorobenzene
Concen: 39.909 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

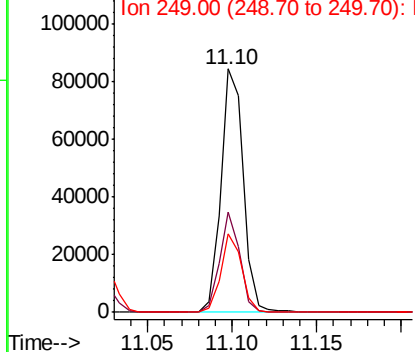
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.4	23.9	35.9#	
249	32.5	24.2	36.2	

Manual Integrations
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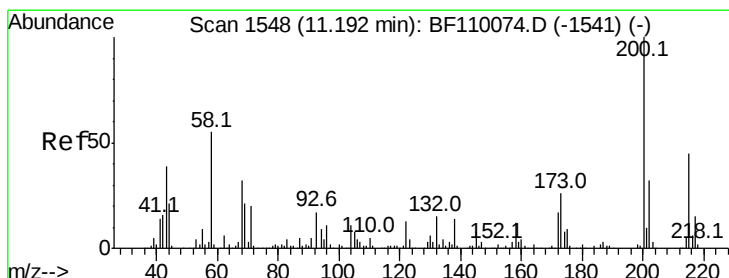
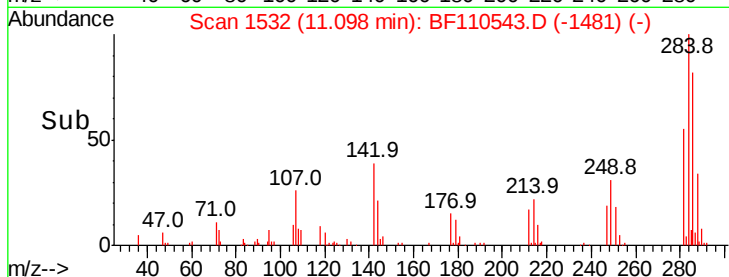


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



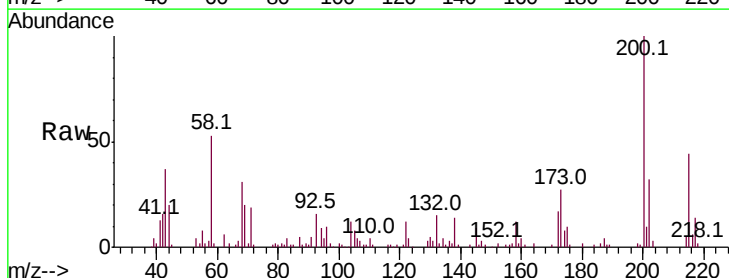
Sohil

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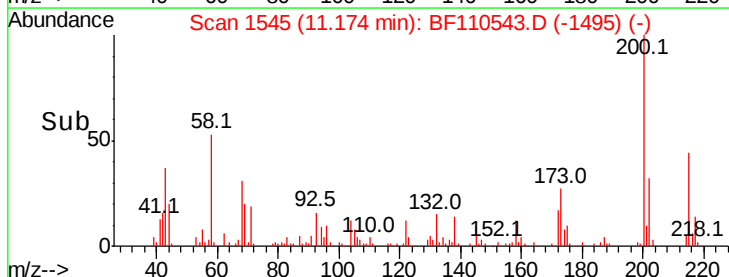
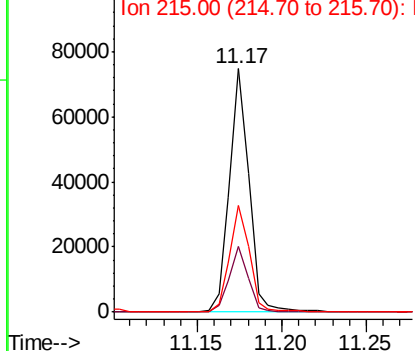


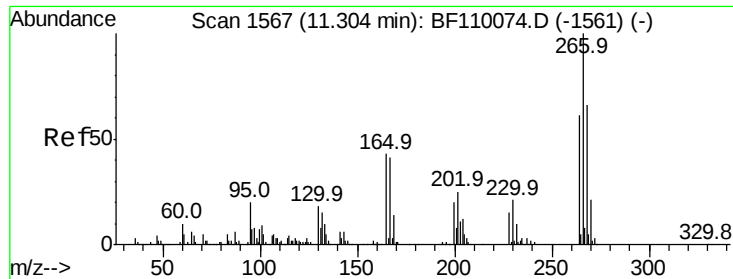
#69
Atrazine
Concen: 34.045 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.2	6.6	46.6	
215	43.9	26.3	66.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



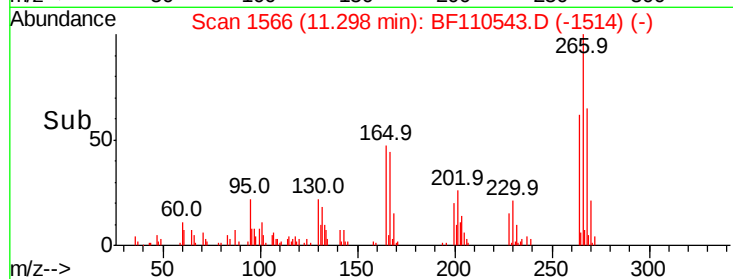
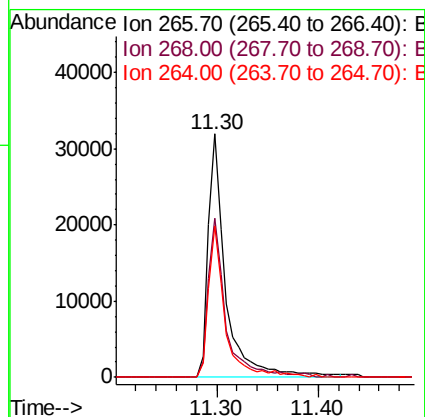
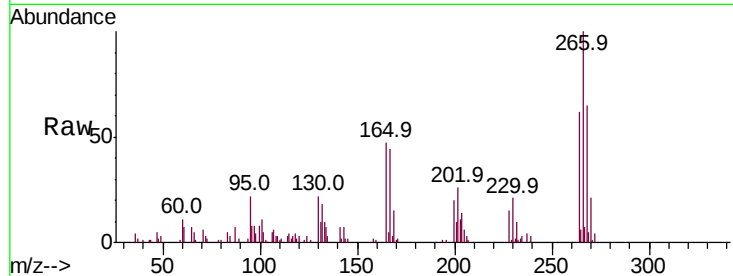


#70
 Pentachlorophenol
 Concen: 33.612 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

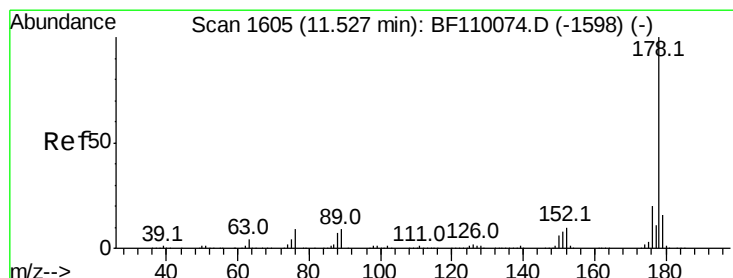
Tot Ion:	266	Resp:	38359
Ion Ratio	Lower	Upper	
266	100		
268	65.4	50.6	75.8
264	62.4	50.6	75.8

Manual Integrations
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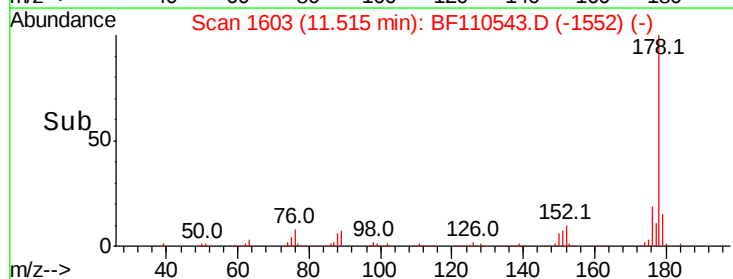
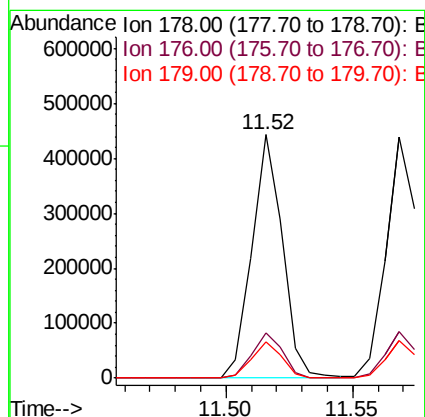
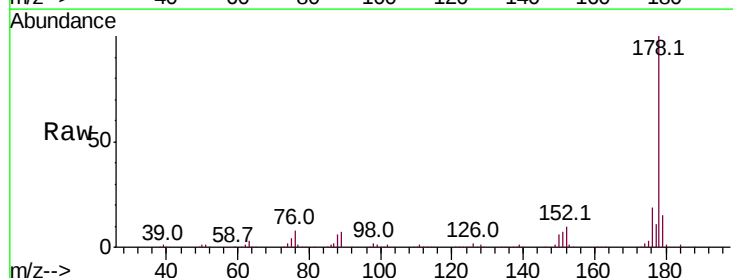
Sohil

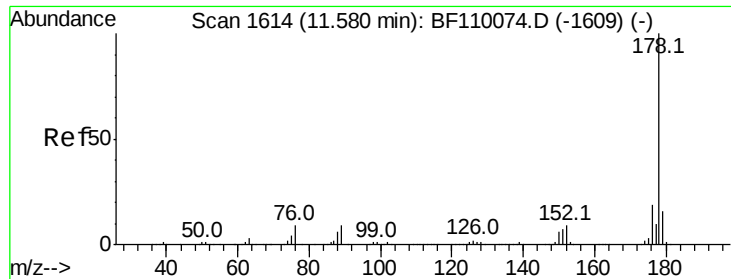
11/7/2018 4:04:58 PM



#71
 Phenanthrene
 Concen: 41.858 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion:	178	Resp:	372446
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.5	23.3
179	15.1	12.5	18.7



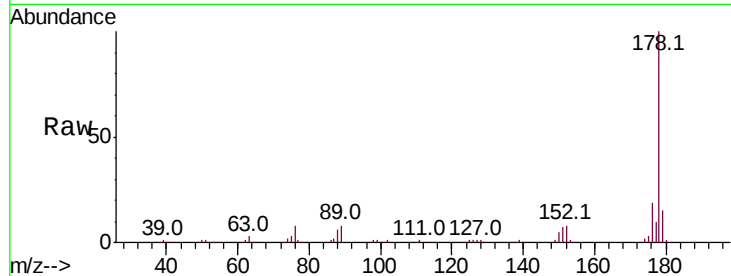


#72
 Anthracene
 Concen: 43.429 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	18.8

Manual Integrations
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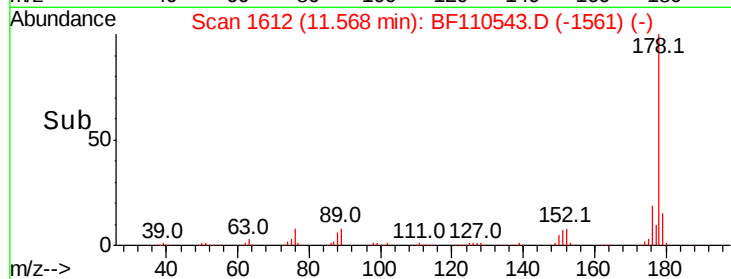
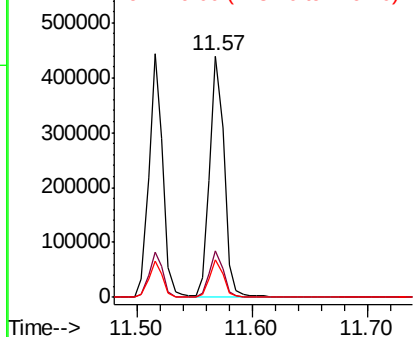


Abundance

Ion 178.00 (177.70 to 178.70): E

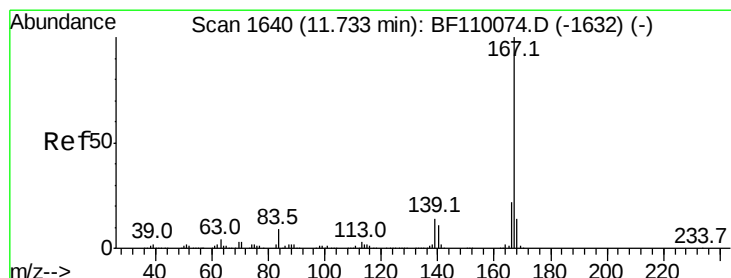
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#73
 Carbazole
 Concen: 44.218 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

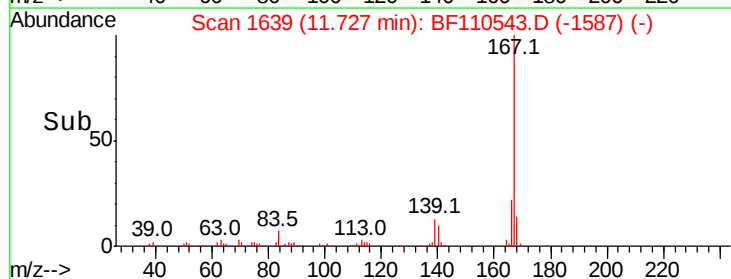
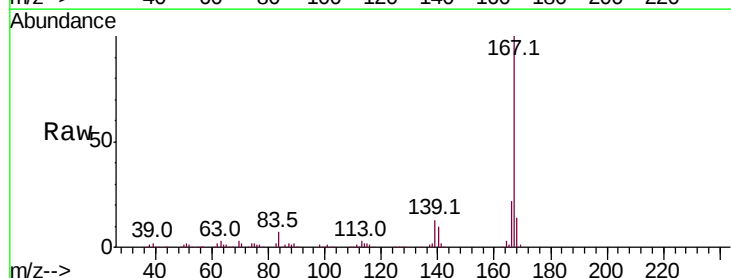
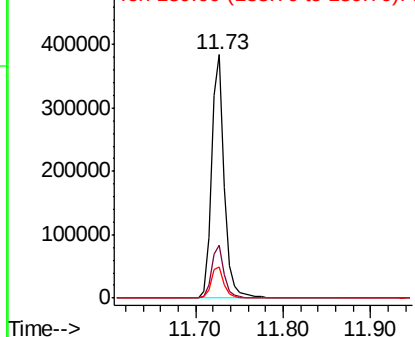
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.7	10.9	16.3

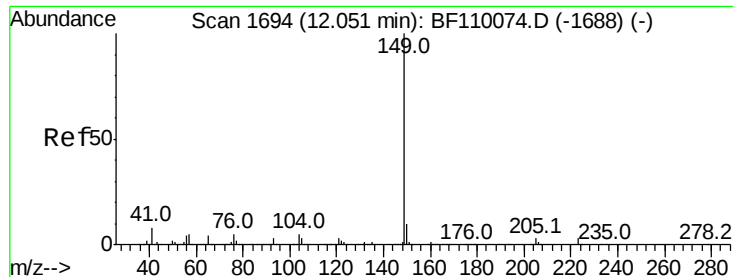
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



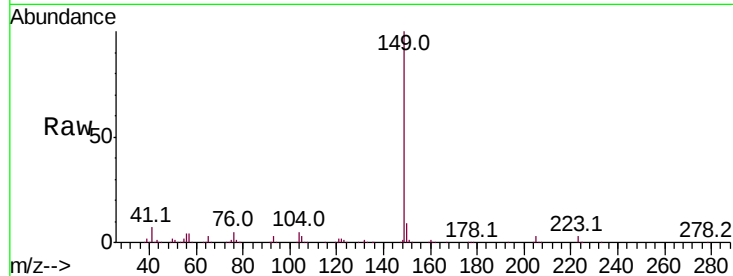


#74
Di-n-butylphthalate
Concen: 44.144 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

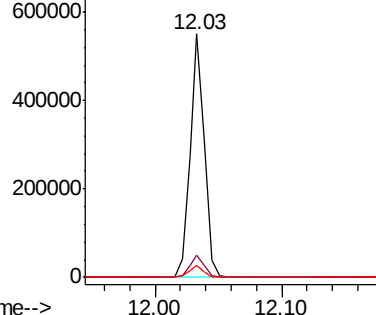
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.7	11.5	
104	4.8	4.2	6.4	

Manual Integrations
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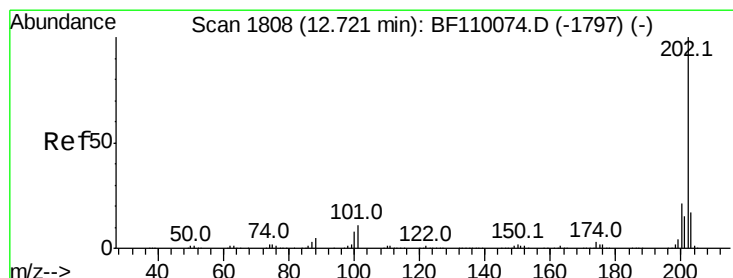
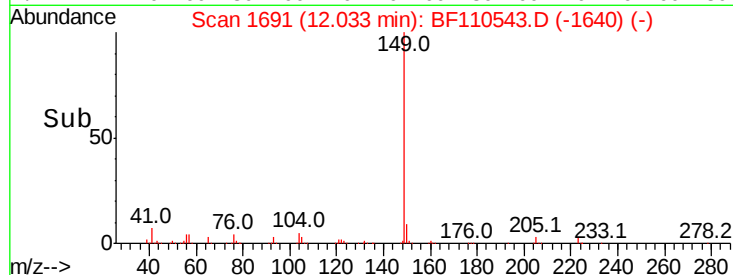


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



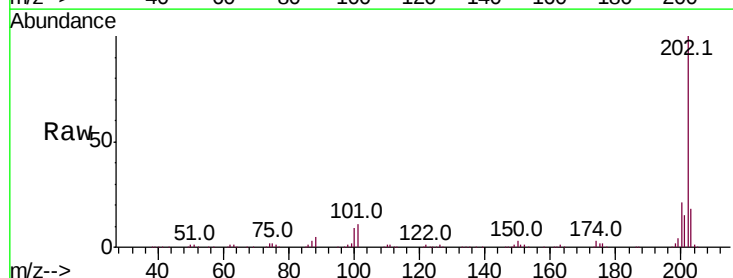
Sohil

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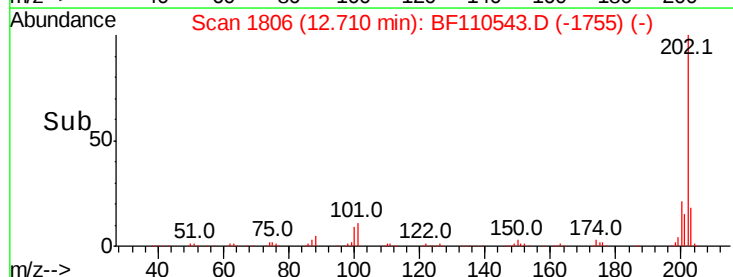
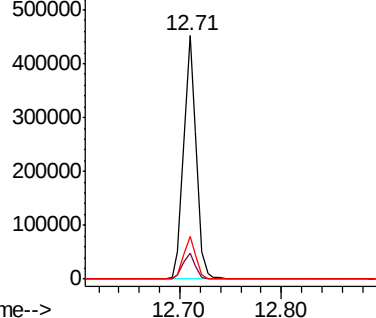


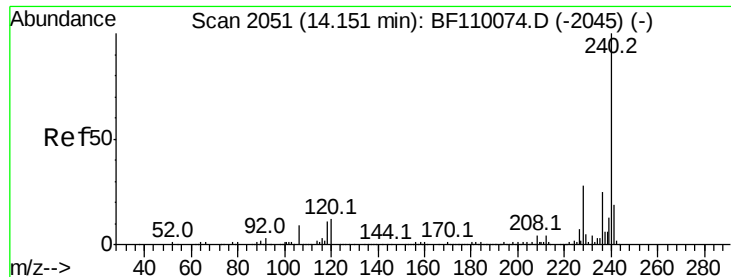
#75
Fluoranthene
Concen: 43.465 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.8	0.0	31.4	
203	17.6	0.0	37.7	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

Instrument :

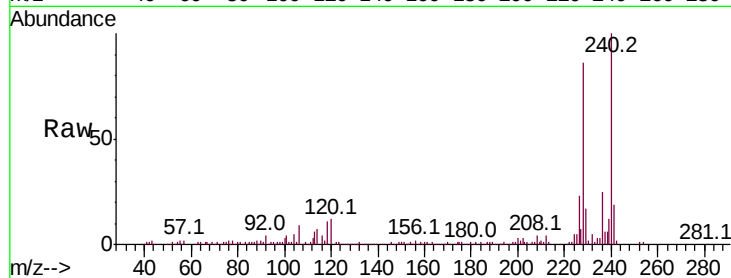
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.5	21.2	31.8

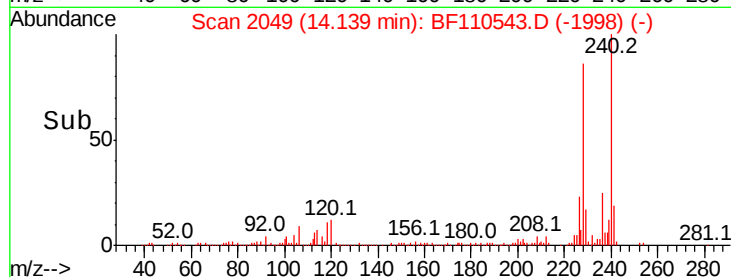
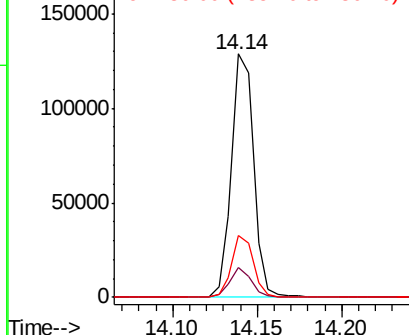
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

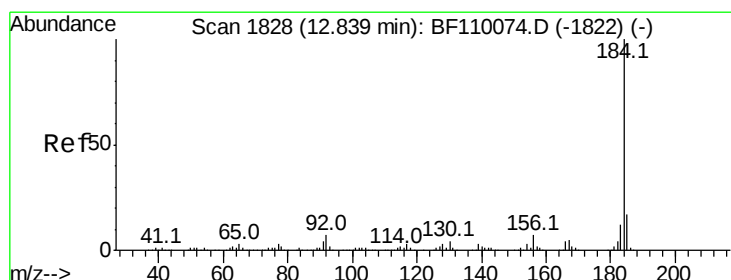
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#77

Benzidine

Concen: Below Cal

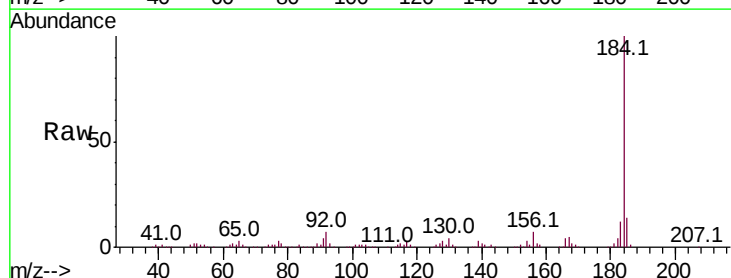
RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF110543.D

Acq: 7 Nov 2018 4:51

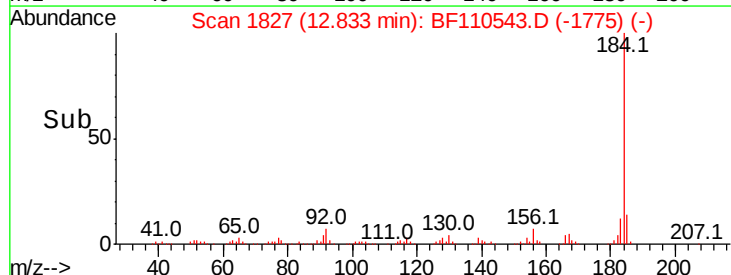
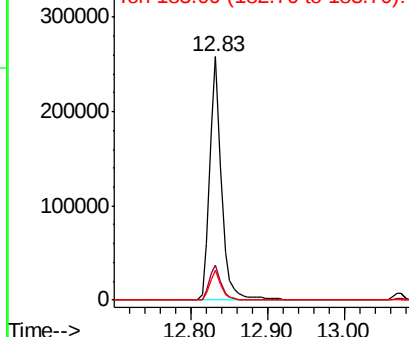
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.2
183	12.1	9.4	14.2

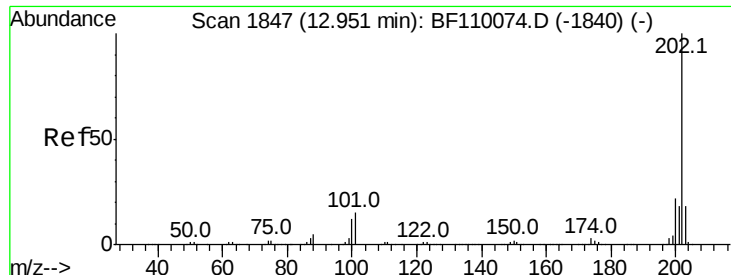


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



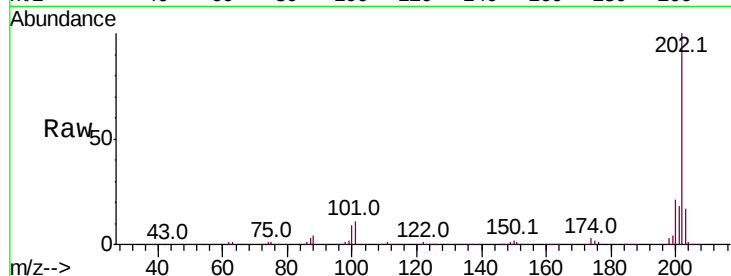


#78
Pvrene
Concen: 47.107 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

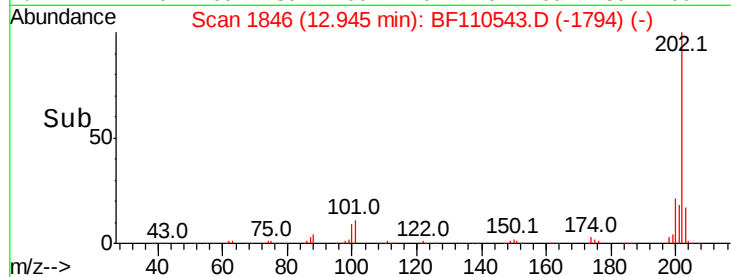
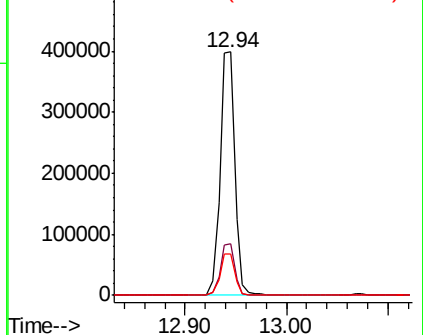
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.1	14.2	21.4

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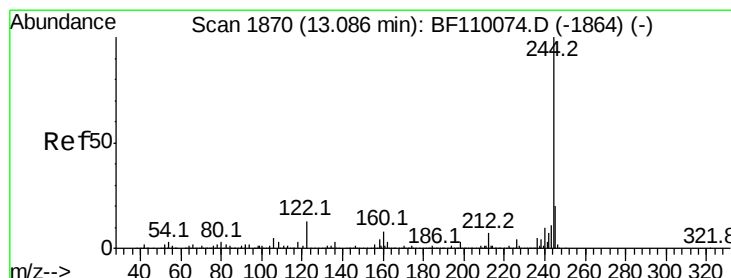


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



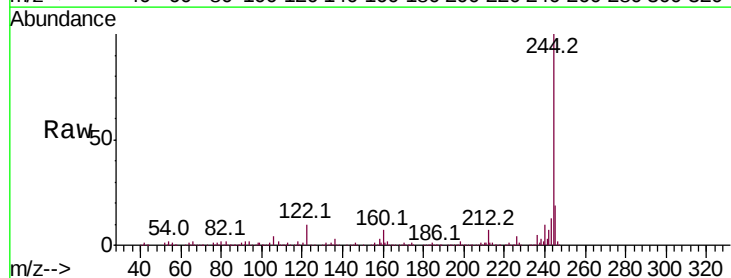
Sohil

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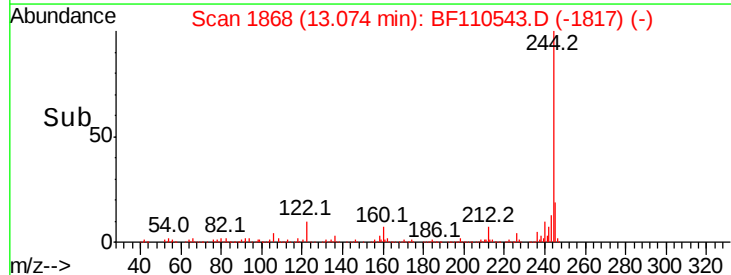
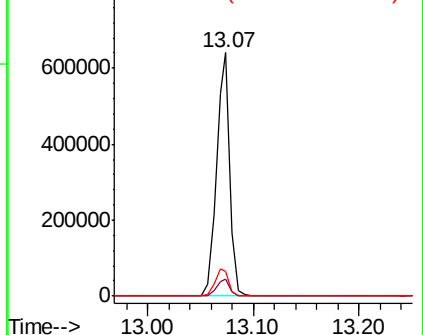


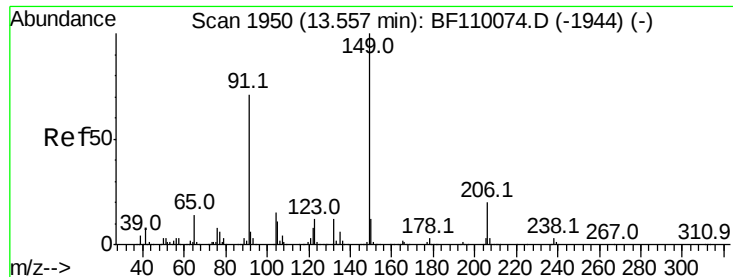
#79
Terphenyl-d14
Concen: 100.375 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.1	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



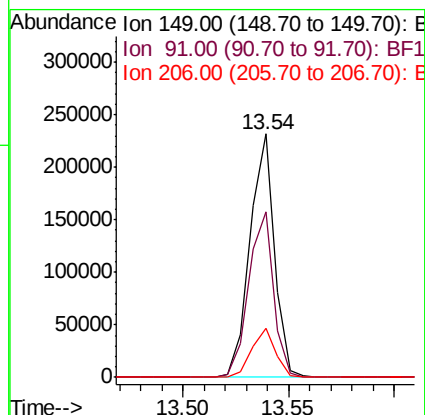
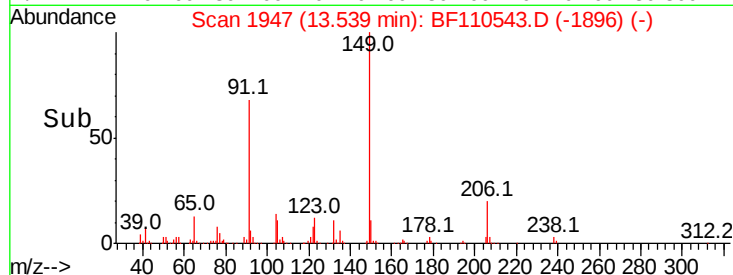
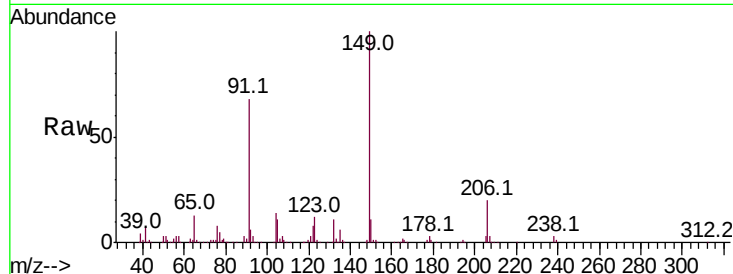


#80
 Butylbenzylphthalate
 Concen: 51.011 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

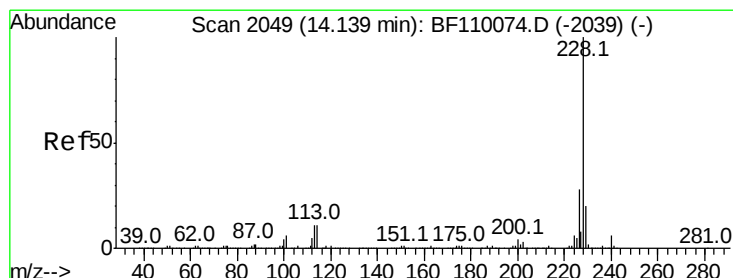
Tot Ion:	149	Resp:	187372
Ion Ratio	Lower	Upper	
149	100		
91	67.9	57.2	85.8
206	19.9	15.7	23.5

Manual Integrations
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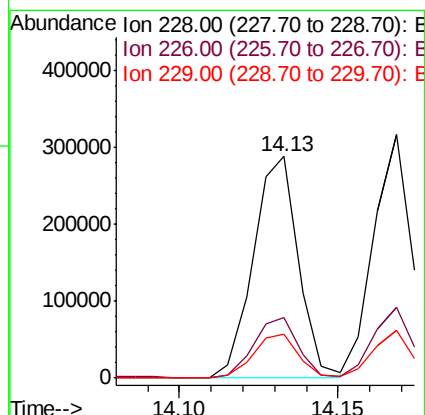
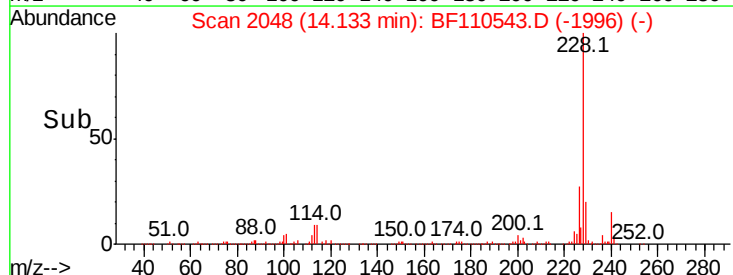
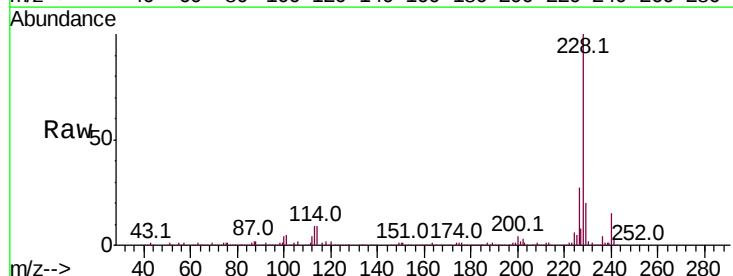
Sohil

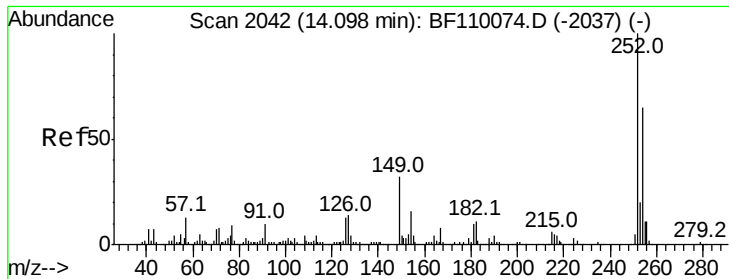
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#81
 Benzo(a)anthracene
 Concen: 40.687 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion:	228	Resp:	284814
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.1	33.1
229	19.7	15.6	23.4



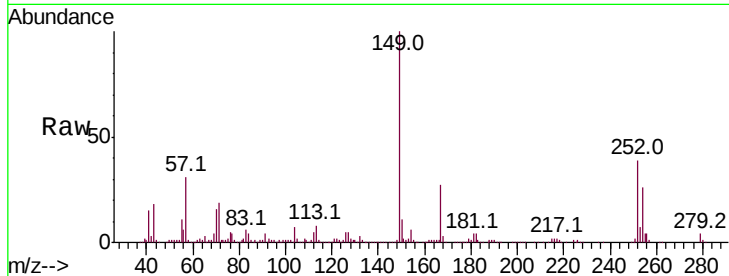


#82
 3,3'-Dichlorobenzidine
 Concen: 46.726 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	113898		
254	65.8	51.3	76.9	
126	12.8	9.4	14.2	

Manual Integrations
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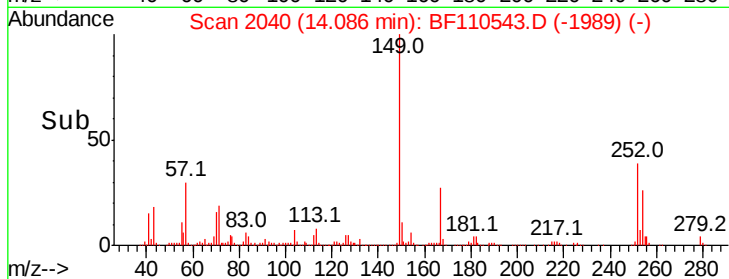
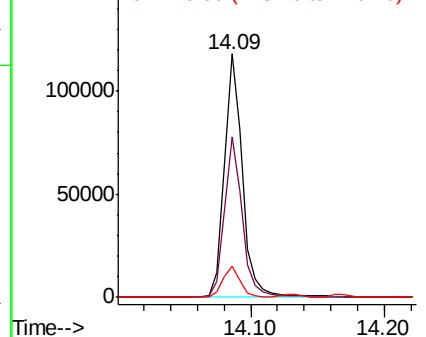


Abundance

Ion 252.00 (251.70 to 252.70): E

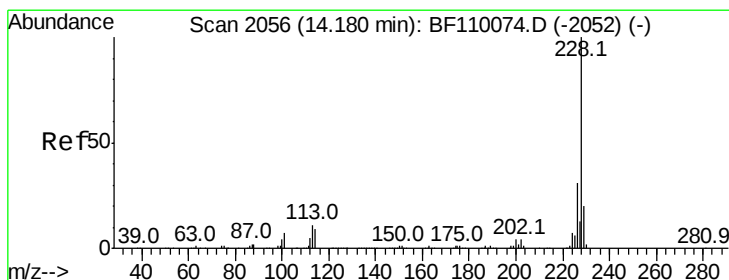
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



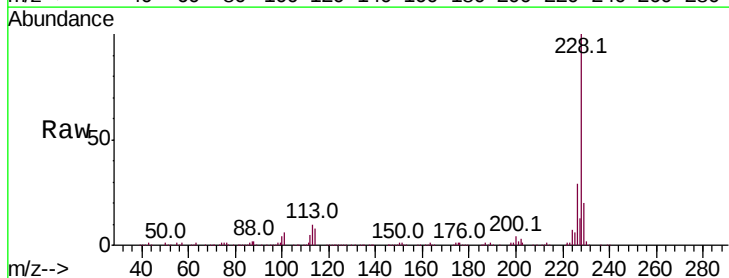
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#83
 Chrysene
 Concen: 40.634 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	270171		
226	29.2	24.7	37.1	
229	19.7	15.9	23.9	

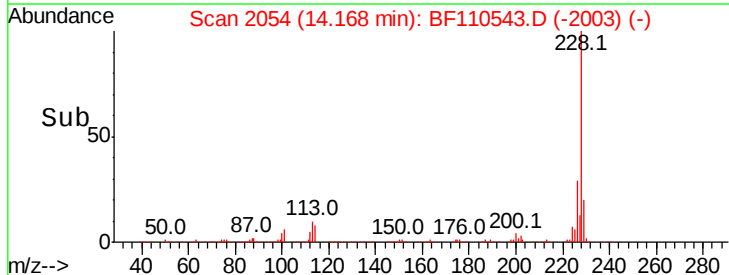
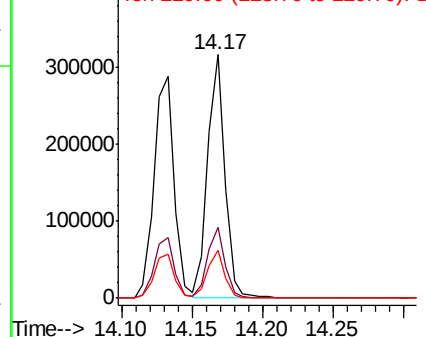


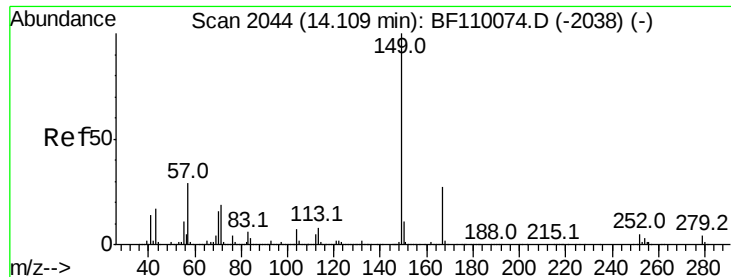
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



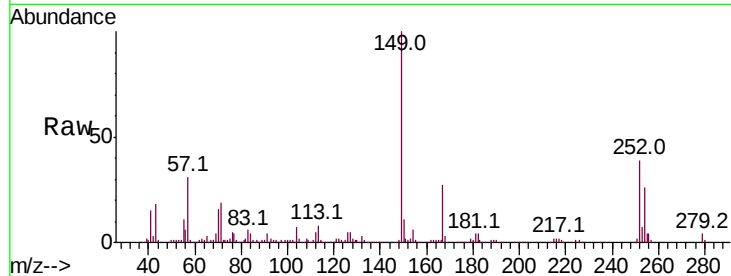


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.452 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

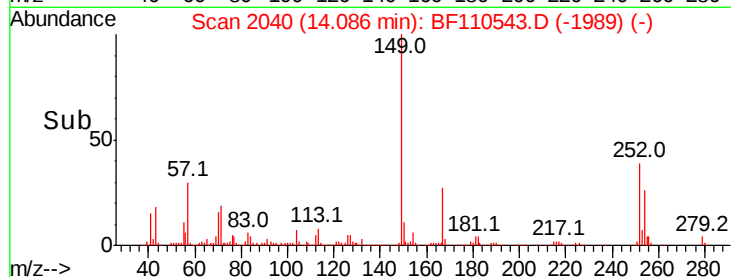
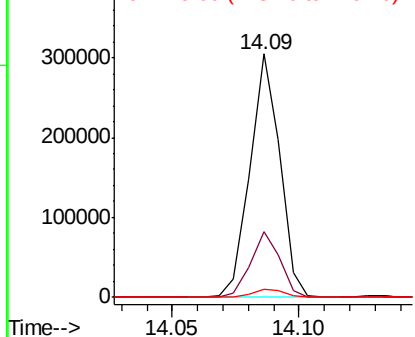
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	250514
Ion Ratio	Lower	Upper	
149	100		
167	26.9	19.8	29.8
279	3.6	2.7	4.1

Manual Integrations
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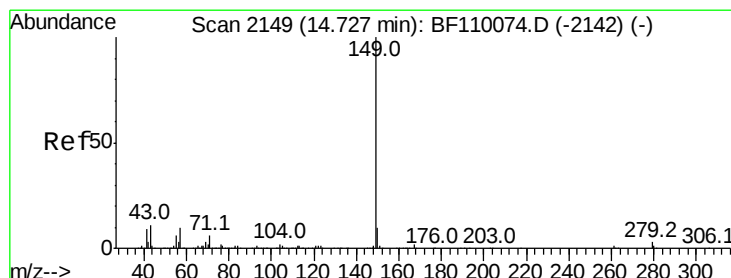


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



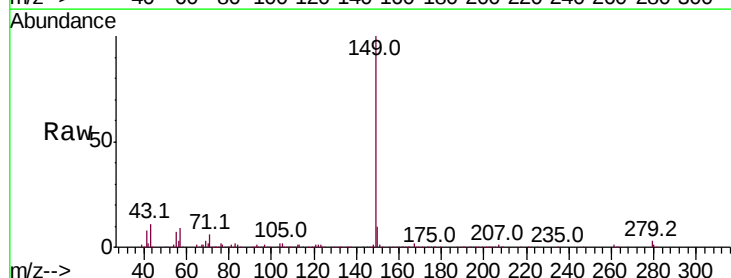
Sohil

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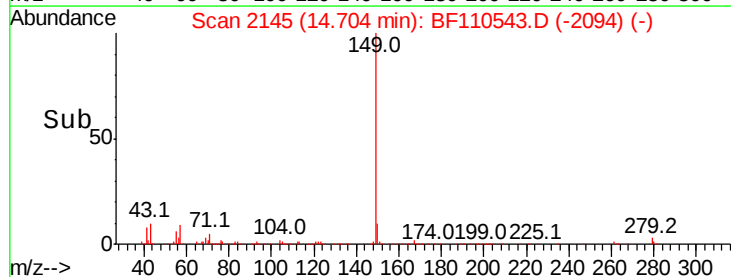
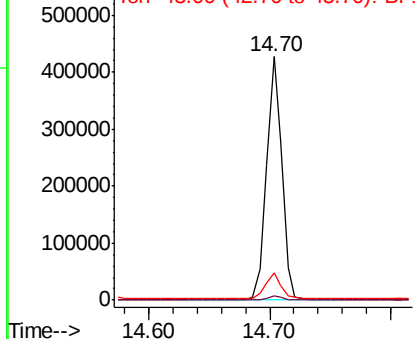


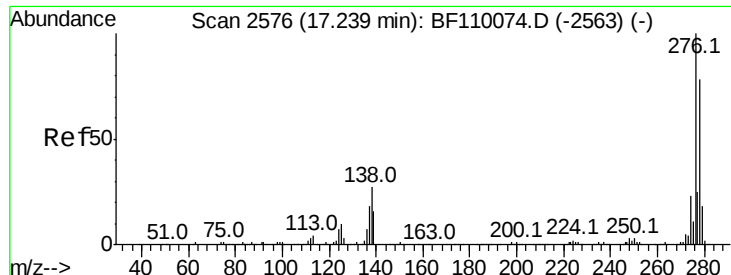
#85
 Di-n-octyl phthalate
 Concen: 48.909 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

Tgt Ion:	149	Resp:	377613
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.1	1.7#
43	10.6	7.8	11.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1



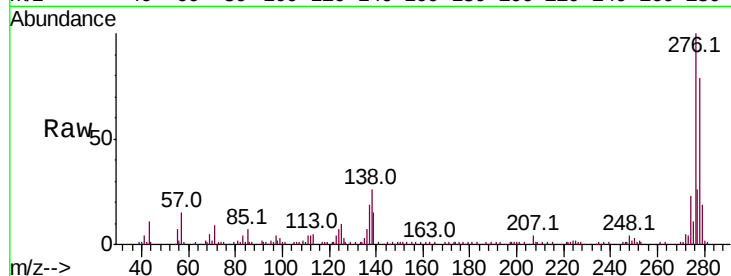


#86
Indeno(1,2,3-cd)pyrene
Concen: 36.501 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.5	27.7
277	25.0	20.0	30.0

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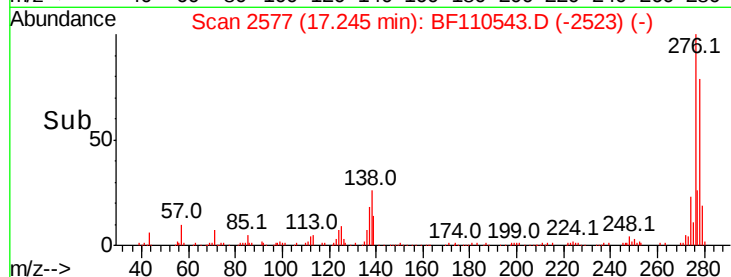
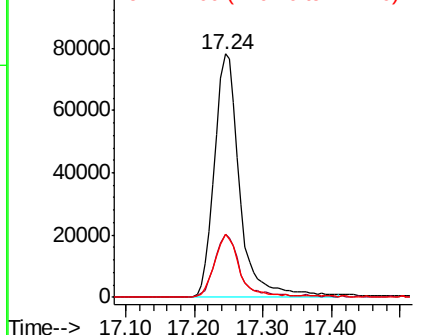


Abundance

Ion 276.00 (275.70 to 276.70): E

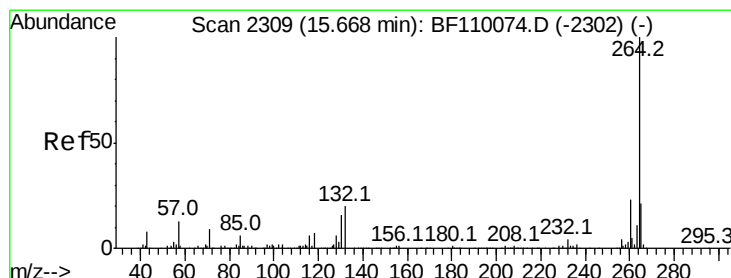
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



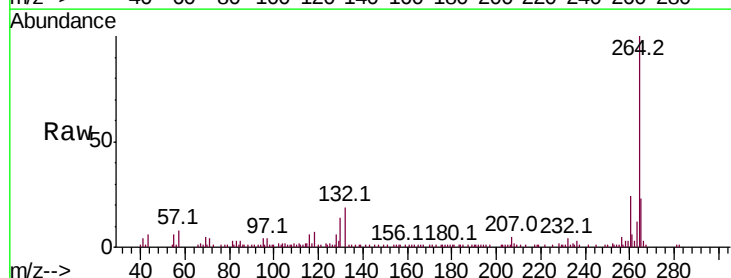
Sohil

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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	23.0	16.7	25.1

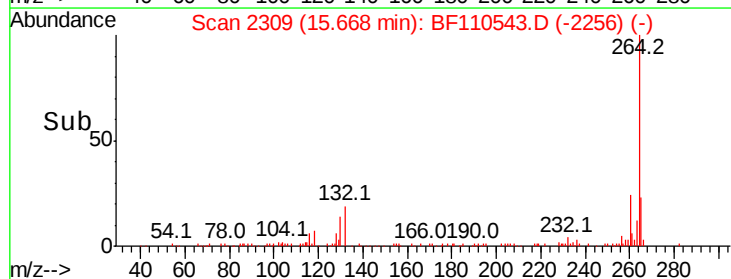
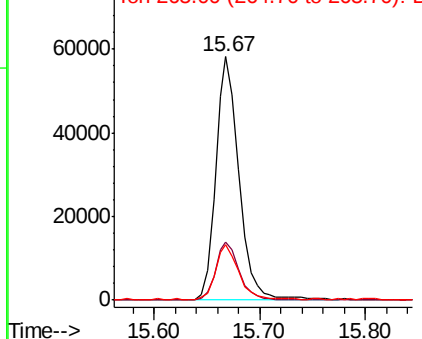


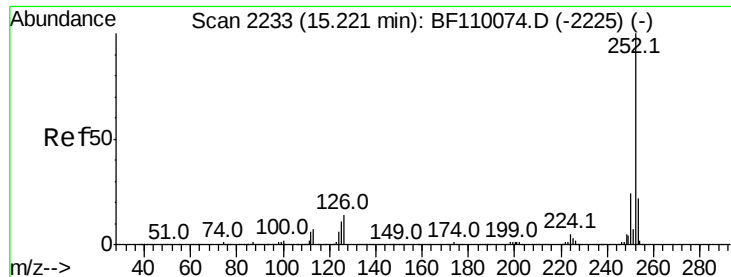
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



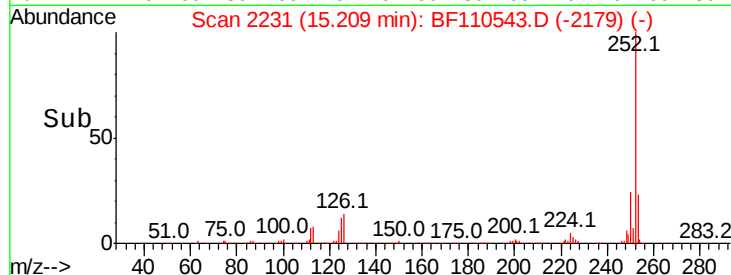
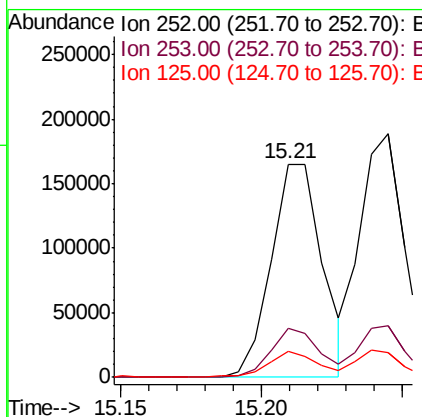
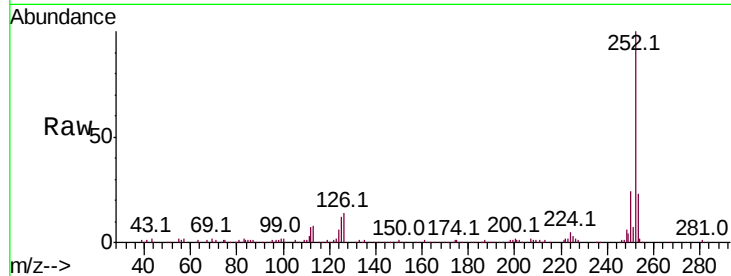


#88
Benzo(b)fluoranthene
Concen: 40.260 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

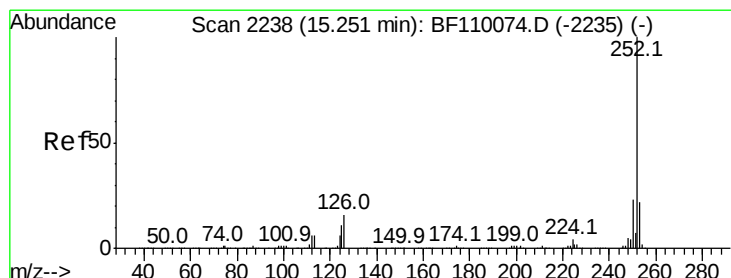
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.1	8.2	12.4

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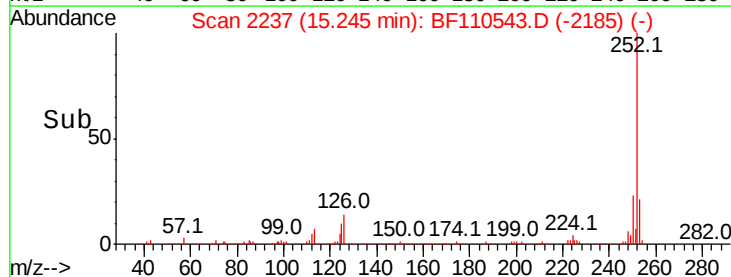
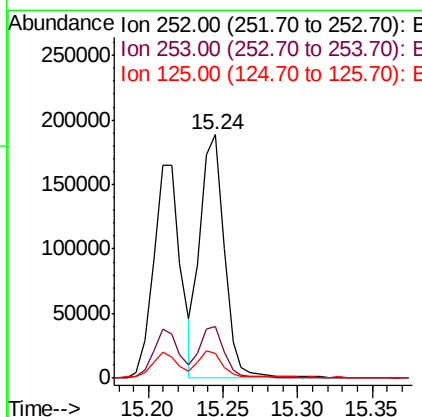
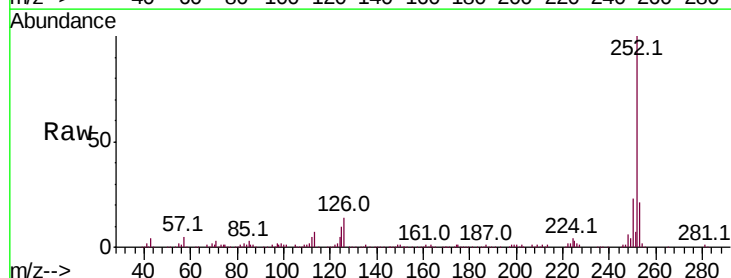
Sohil

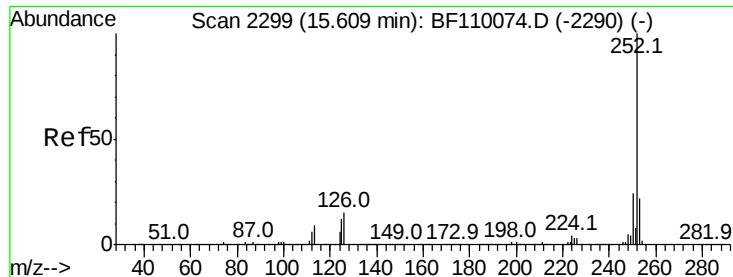
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#89
Benzo(k)fluoranthene
Concen: 41.561 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.2	7.4	11.0



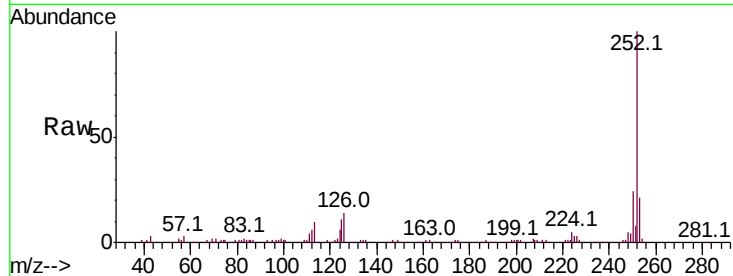


#90
Benzo(a)pyrene
Concen: 41.330 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

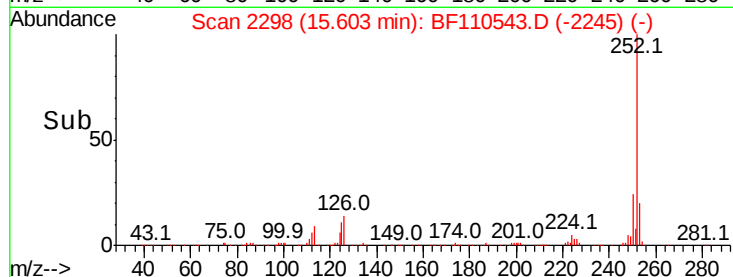
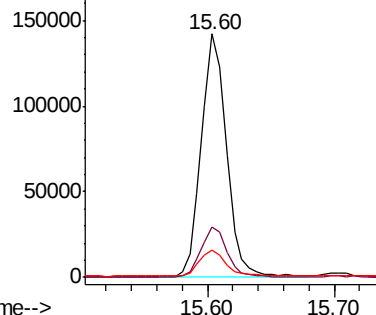
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.4
125	11.3	9.0	13.6

Manual Integrations
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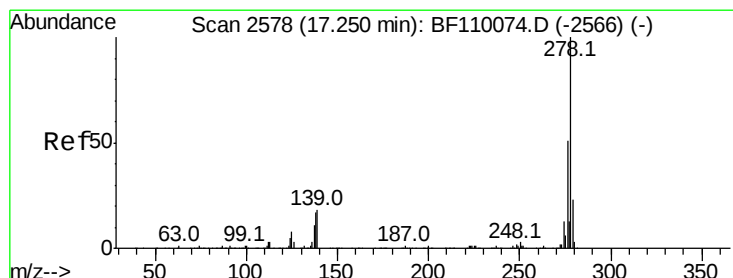


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



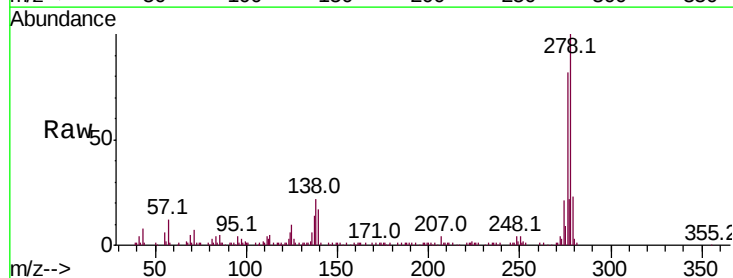
Sohil

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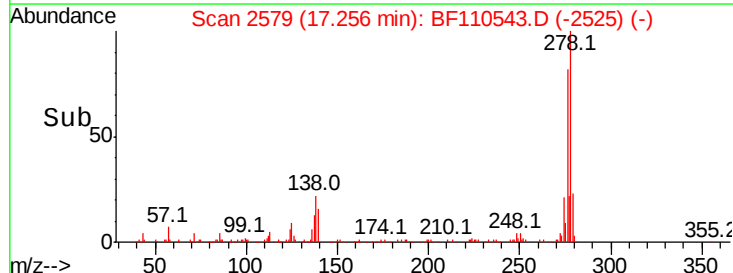
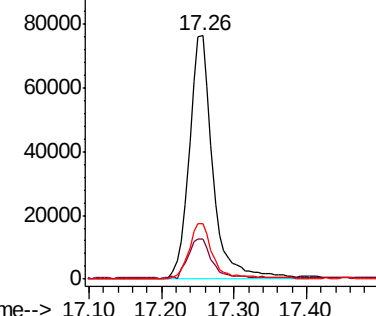


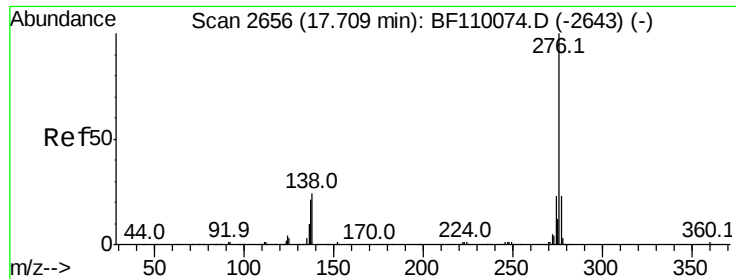
#91
Dibenzo(a,h)anthracene
Concen: 42.460 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF110543.D
Acq: 7 Nov 2018 4:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	22.8	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



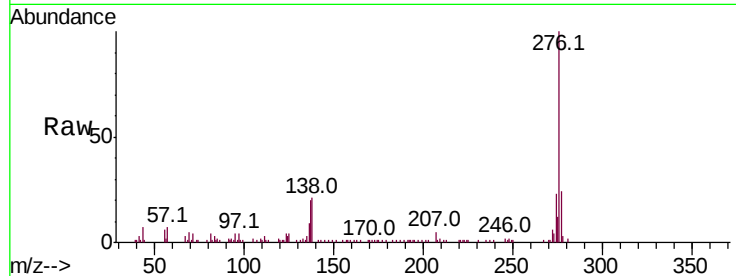


#92
 Benzo(a,h,i)perylene
 Concen: 39.784 ng
 RT: 17.73 min Scan# 2659
 Delta R.T. 0.02 min
 Lab File: BF110543.D
 Acq: 7 Nov 2018 4:51

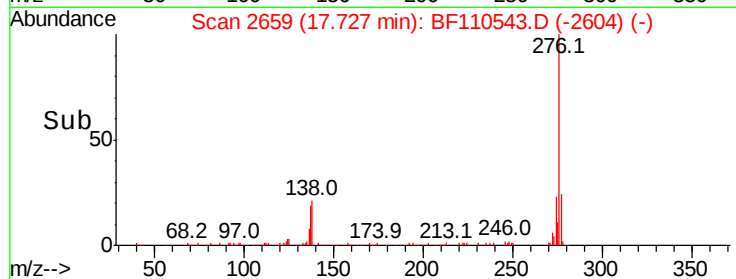
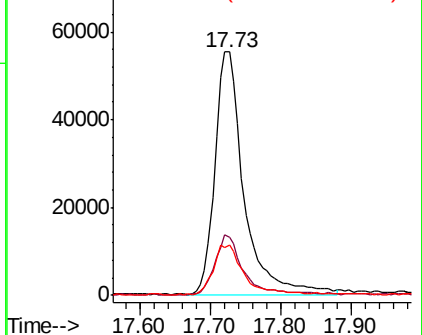
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	160944
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.9	16.0	24.0

Manual Integrations
 APPROVED



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E



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