

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110439.D
 Acq On : 3 Nov 2018 4:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 11/5/2018 4:01:41 PM

Quant Time: Nov 05 07:32:05 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	78355	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	295428	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	116727	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	203439	20.00	ng	0.00
76) Chrysene-d12	14.14	240	139515	20.00	ng	0.00
87) Perylene-d12	15.66	264	104521	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	418378	86.95	ng	0.00
7) Phenol-d6	6.59	99	492026	79.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	430217	86.37	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	89343	77.27	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	730915	98.33	ng	0.00
79) Terphenyl-d14	13.07	244	656190	97.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	107776	42.752	ng	93
3) Pyridine	3.58	79	235345	41.914	ng	87
4) n-Nitrosodimethylamine	3.53	42	100318	42.645	ng	90
6) Aniline	6.62	93	312935	39.033	ng	# 54
8) 2-Chlorophenol	6.75	128	228325	41.159	ng	98
9) Benzaldehyde	6.51	77	146855	41.550	ng	99
10) Phenol	6.60	94	285357	43.376	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	216555	40.011	ng	97
12) 1,3-Dichlorobenzene	6.90	146	251854	41.255	ng	98
13) 1,4-Dichlorobenzene	6.97	146	253582	41.071	ng	99
14) 1,2-Dichlorobenzene	7.13	146	235577	41.101	ng	99
15) Benzyl Alcohol	7.10	79	182772	38.612	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	335817	38.806	ng	69
17) 2-Methylphenol	7.20	107	171381	38.765	ng	# 81
18) Hexachloroethane	7.46	117	68320	30.224	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	149097	37.762	ng	94
20) 3+4-Methylphenols	7.36	107	218410	38.219	ng	95
22) Acetophenone	7.37	105	299368	43.977	ng	98
24) Nitrobenzene	7.54	77	220872	42.952	ng	99
25) Isophorone	7.77	82	334136	39.355	ng	97
26) 2-Nitrophenol	7.86	139	80620	32.946	ng	92
27) 2,4-Dimethylphenol	7.89	122	164155	40.461	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	241136	41.807	ng	98
29) 2,4-Dichlorophenol	8.10	162	161136	39.313	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	190574	41.509	ng	96
31) Naphthalene	8.26	128	556978	40.906	ng	99
32) Benzoic acid	7.99	122	63967m	20.400	ng	
33) 4-Chloroaniline	8.31	127	232703	37.974	ng	99
34) Hexachlorobutadiene	8.37	225	110427	43.318	ng	99
35) Caprolactam	8.68	113	48286	33.799	ng	# 87
36) 4-Chloro-3-methylphenol	8.79	107	160370	36.182	ng	96
37) 2-Methylnaphthalene	8.95	142	341286	37.884	ng	97
38) 1-Methylnaphthalene	9.05	142	324200	37.240	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	164451	45.217	ng	98

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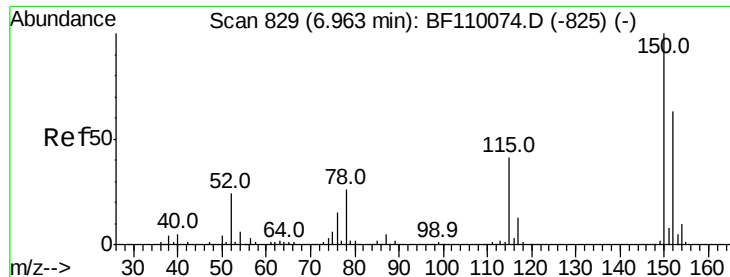
Manual Integrations
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 11/5/2018 4:01:41 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	6157	3.311	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	99128	42.257	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	98319	39.651	nq	96
46) 1,1'-Biphenyl	9.42	154	478079	45.292	nq	99
47) 2-Chloronaphthalene	9.45	162	330914	42.738	nq	99
48) 2-Nitroaniline	9.54	65	108490	46.238	nq	95
49) Acenaphthylene	9.86	152	461329	41.251	nq	98
50) Dimethylphthalate	9.71	163	377492	43.810	nq	99
51) 2,6-Dinitrotoluene	9.78	165	66537	35.849	nq	90
52) Acenaphthene	10.03	154	289767	39.167	nq	97
53) 3-Nitroaniline	9.96	138	100704	45.626	nq	83
54) 2,4-Dinitrophenol	10.07	184	339	5.605	nq	# 55
55) Dibenzofuran	10.20	168	415686	40.131	nq	98
56) 4-Nitrophenol	10.11	139	53349	32.658	nq	95
57) 2,4-Dinitrotoluene	10.19	165	76108	32.283	nq	90
58) Fluorene	10.55	166	309782	40.184	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	73712	36.471	nq	93
60) Diethylphthalate	10.40	149	357008	42.445	nq	98
61) 4-Chlorophenyl-phenylether	10.53	204	167251	41.126	nq	98
62) 4-Nitroaniline	10.57	138	98836	45.023	nq	93
63) Azobenzene	10.70	77	324777	38.900	nq	96
66) n-Nitrosodiphenylamine	10.65	169	290985	43.608	nq	96
67) 4-Bromophenyl-phenylether	11.03	248	93328	42.293	nq	96
68) Hexachlorobenzene	11.10	284	96758	41.325	nq	95
69) Atrazine	11.17	200	72046	34.165	nq	99
70) Pentachlorophenol	11.29	266	45781	33.532	nq	98
71) Phenanthrene	11.52	178	442270	41.548	nq	99
72) Anthracene	11.57	178	455911	42.729	nq	99
73) Carbazole	11.72	167	441708	42.399	nq	100
74) Di-n-butylphthalate	12.03	149	535111	45.480	nq	99
75) Fluoranthene	12.71	202	448354	41.501	nq	97
77) Benzidine	12.83	184	259553	Below	Cal	98
78) Pyrene	12.94	202	456318	45.623	nq	98
80) Butylbenzylphthalate	13.54	149	215137	49.556	nq	95
81) Benzo(a)anthracene	14.13	228	337885	40.839	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	134616	46.726	nq	98
83) Chrysene	14.16	228	325269	41.392	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	292036	49.763	nq	98
85) Di-n-octyl phthalate	14.70	149	447574	49.048	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	233713	35.850	nq	97
88) Benzo(b)fluoranthene	15.20	252	253796	42.049	nq	97
89) Benzo(k)fluoranthene	15.23	252	247551m	41.720	nq	
90) Benzo(a)pyrene	15.60	252	228126	41.075	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	196469	40.998	nq	99
92) Benzo(g,h,i)perylene	17.70	276	179268	37.963	nq	98

(#) = 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: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

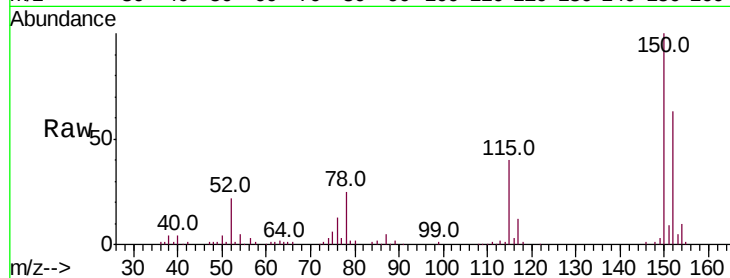
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	78355
Ion Ratio	Lower	Upper	
152	100		
150	158.8	122.7	184.1
115	63.4	49.1	73.7

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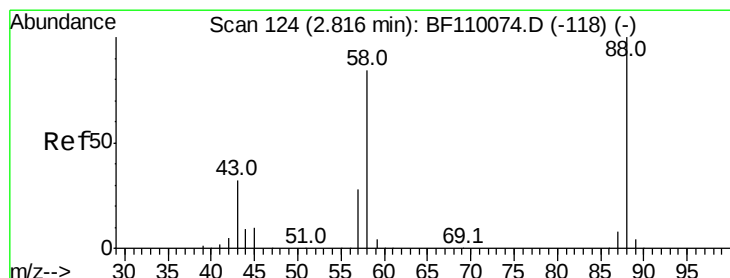
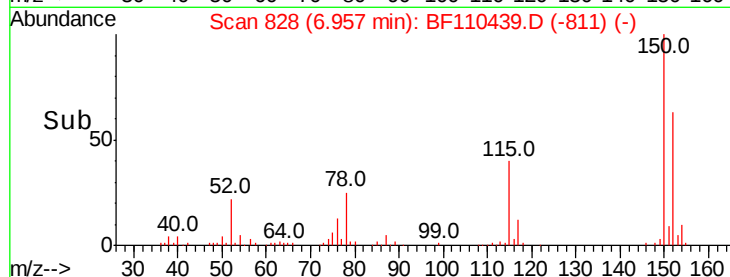
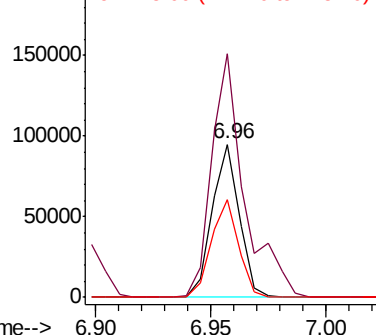


Abundance

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



#2

1,4-Dioxane

Concen: 42.752 ng

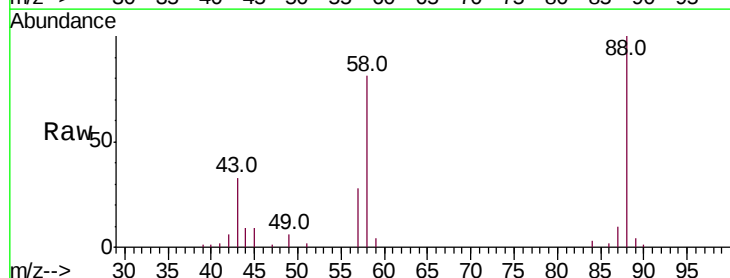
RT: 2.78 min Scan# 118

Delta R.T. -0.02 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	88	Resp:	107776
Ion Ratio	Lower	Upper	
88	100		
58	78.1	57.1	85.7
43	32.2	24.1	36.1

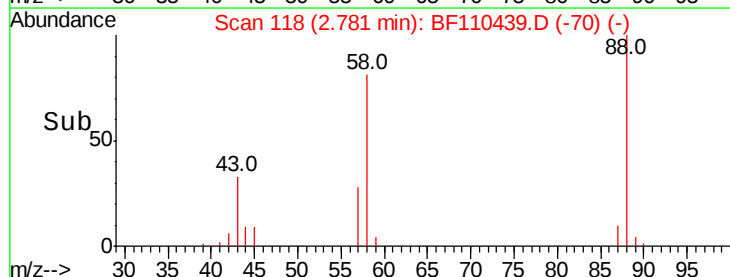
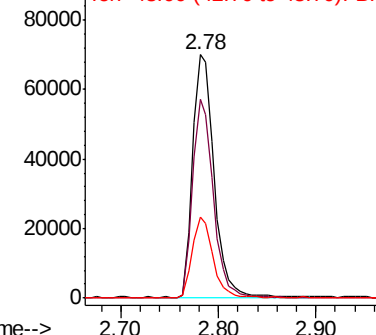


Abundance

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: 41.914 ng

RT: 3.58 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

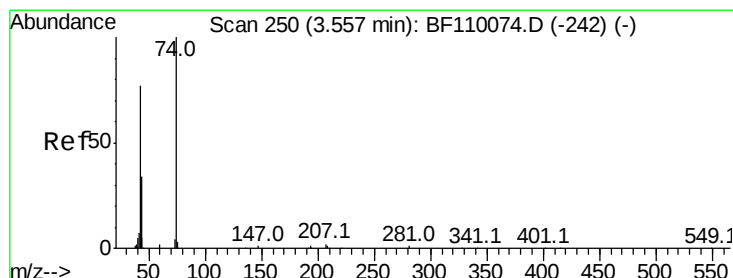
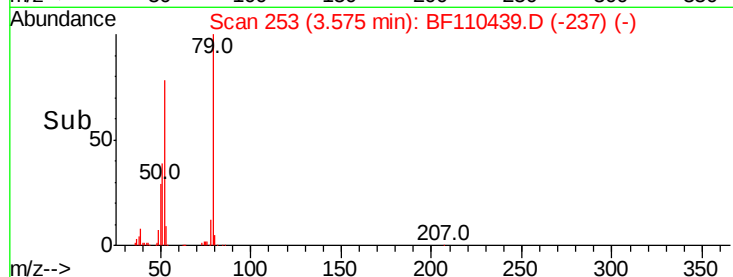
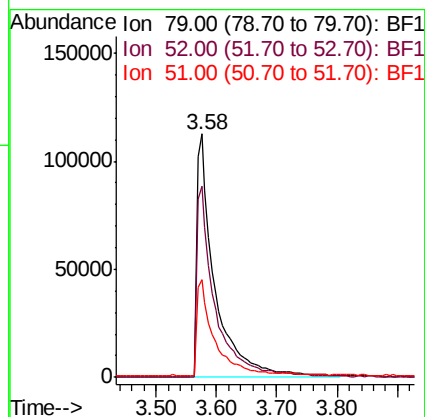
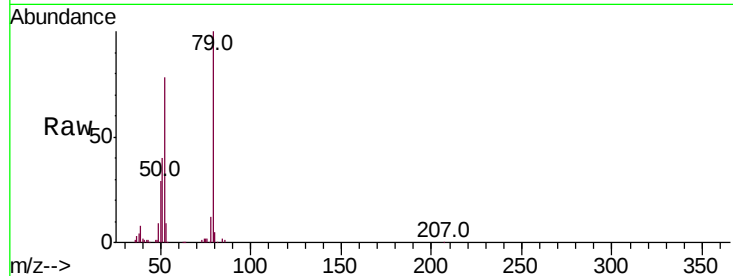
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	235345
Ion Ratio	Lower	Upper	
79	100		
52	78.4	53.1	79.7
51	40.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 42.645 ng

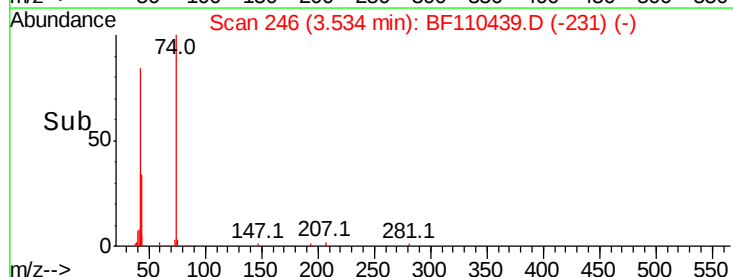
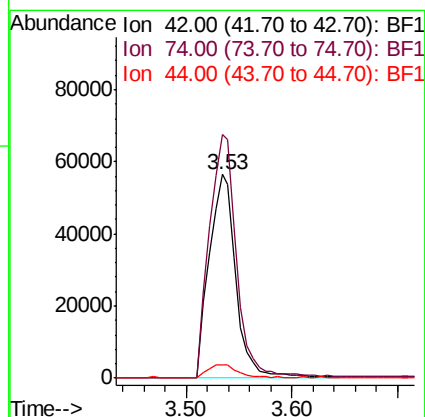
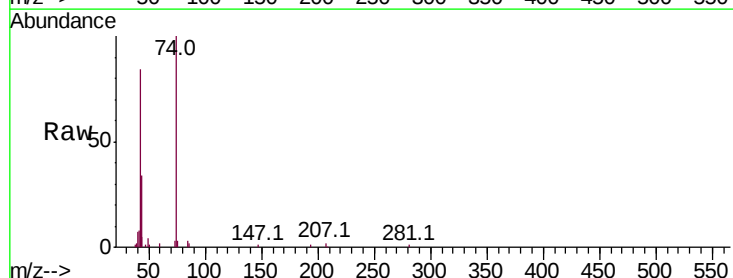
RT: 3.53 min Scan# 246

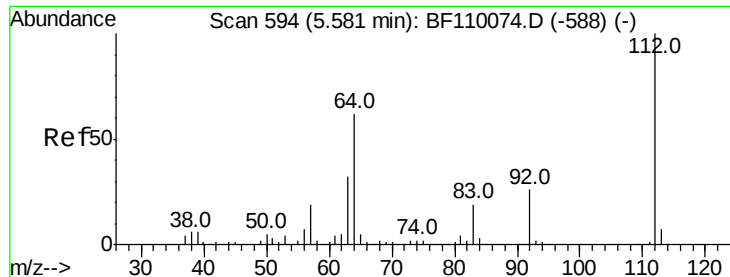
Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	42	Resp:	100318
Ion Ratio	Lower	Upper	
42	100		
74	119.4	105.5	158.3
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 86.951 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

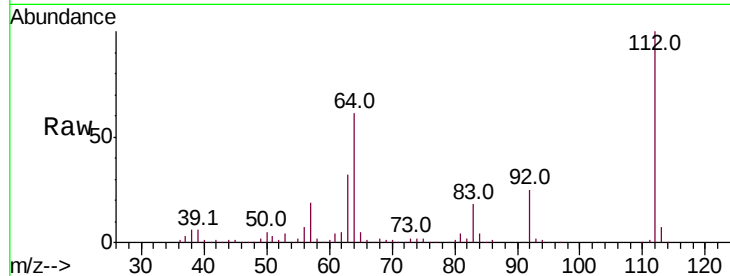
ClientSampleId :

SSTDCCC040

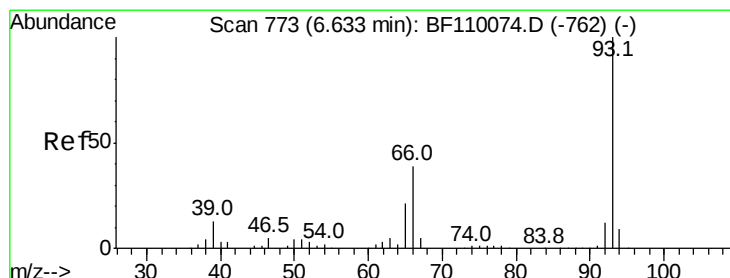
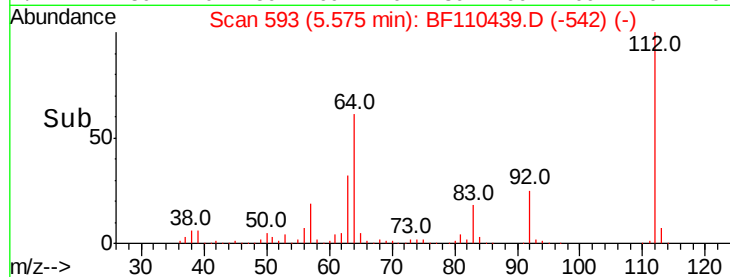
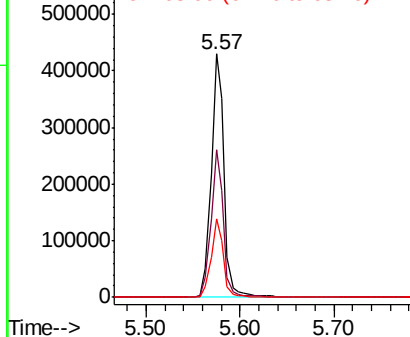
Tot Ion:	112	Resp:	418378
Ion Ratio	Lower	Upper	
112	100		
64	60.8	44.1	66.1
63	32.2	23.7	35.5

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



#6

Aniline

Concen: 39.033 ng

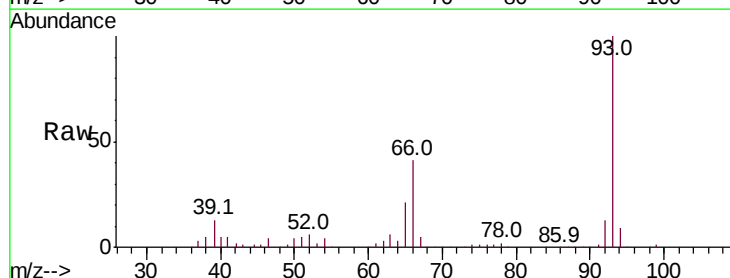
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

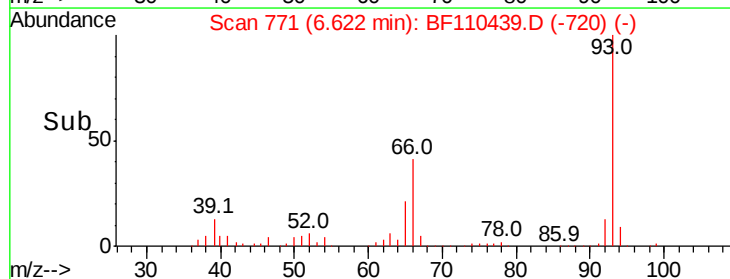
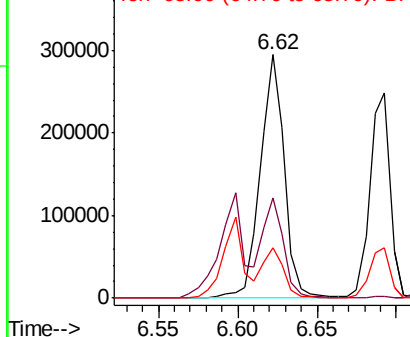
Lab File: BF110439.D

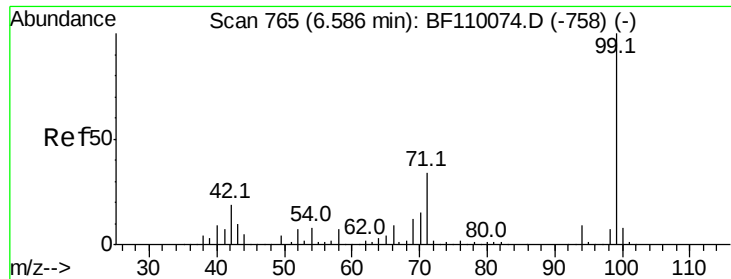
Acq: 3 Nov 2018 4:17

Tgt Ion:	93	Resp:	312935
Ion Ratio	Lower	Upper	
93	100		
66	41.2	67.4	101.0#
65	20.7	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: 79.947 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

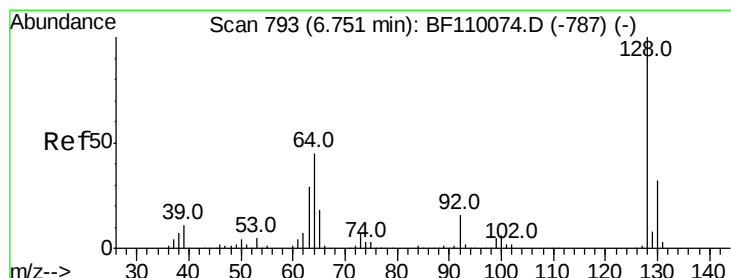
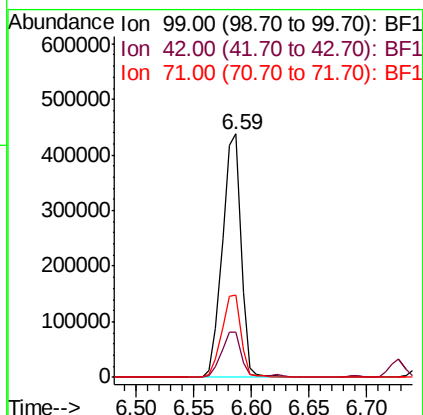
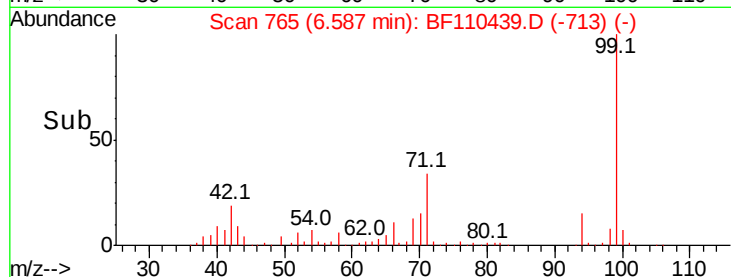
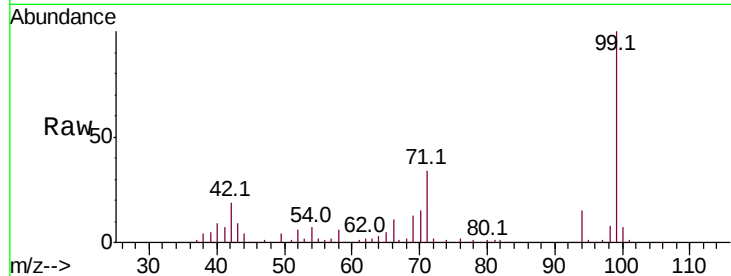
ClientSampleId :

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Tot Ion:	99	Resp:	492026
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.8	23.6
71	33.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.159 ng

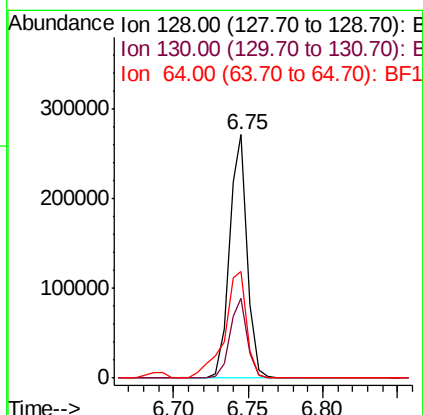
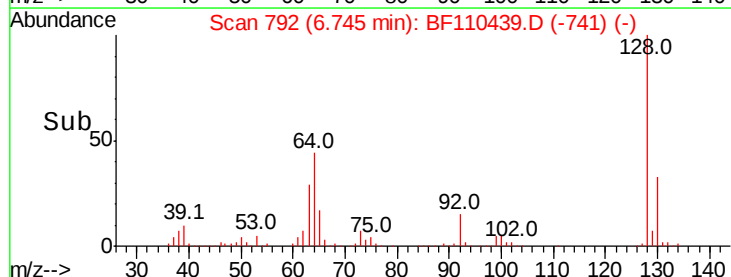
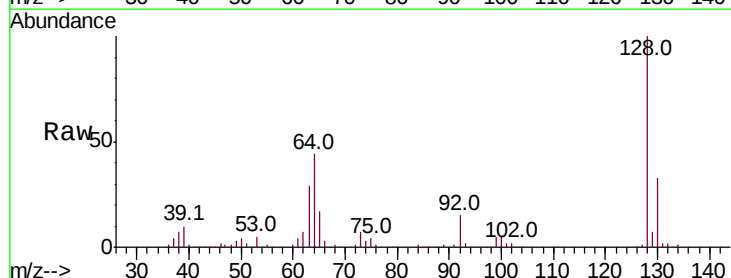
RT: 6.75 min Scan# 792

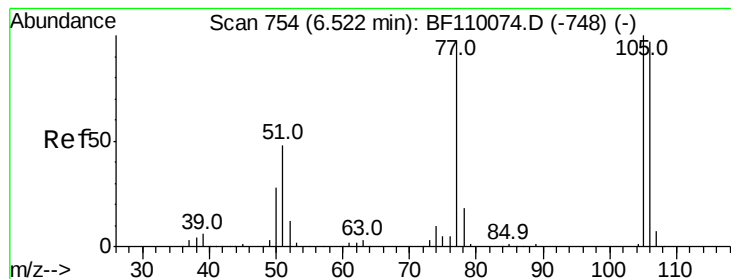
Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	128	Resp:	228325
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.1	53.1
64	44.0	26.0	66.0





#9

Benzaldehyde

Concen: 41.550 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 146855

Ion Ratio Lower Upper

77 100

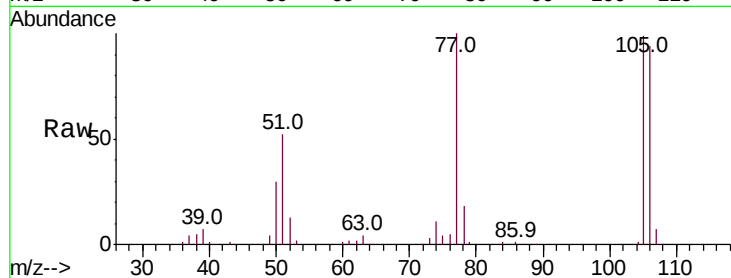
105 99.4 78.6 118.6

106 93.9 74.8 114.8

Manual Integrations
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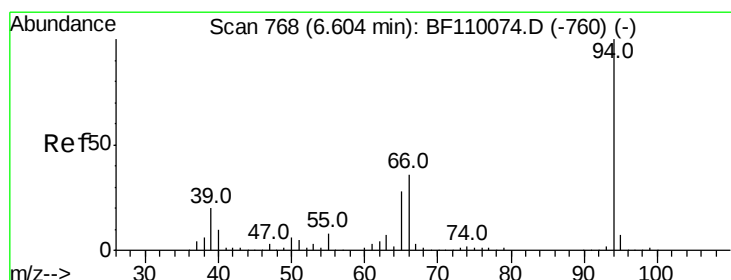
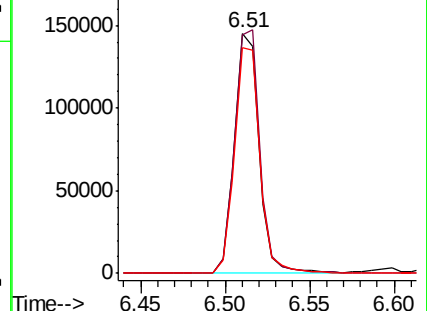
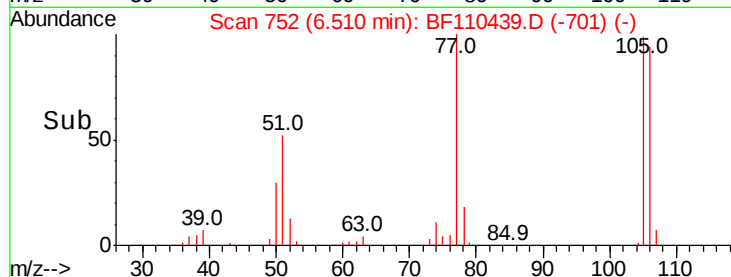
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.376 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

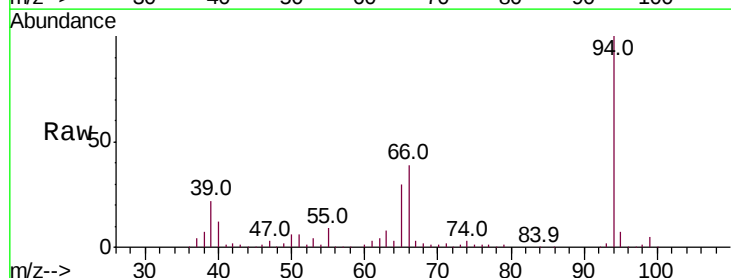
Tgt Ion: 94 Resp: 285357

Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

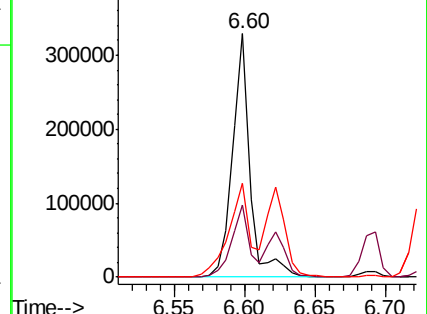
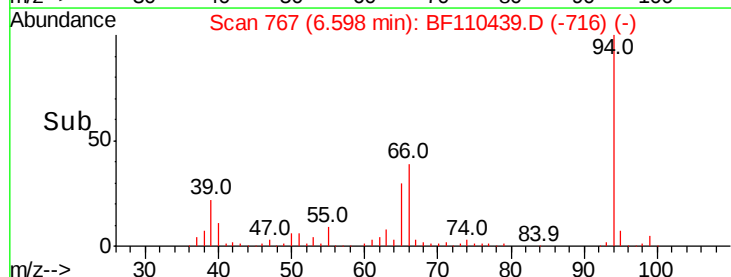
66 38.7 54.5 94.5#

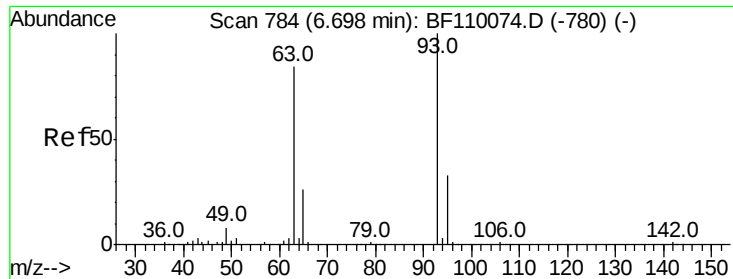


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





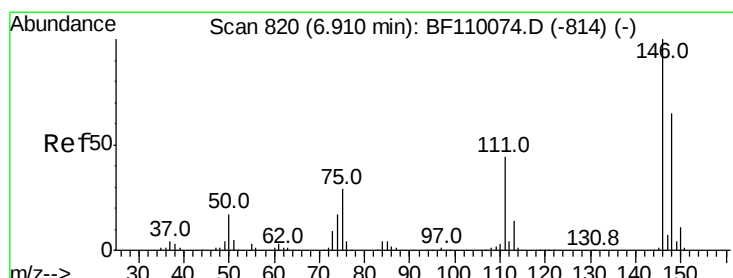
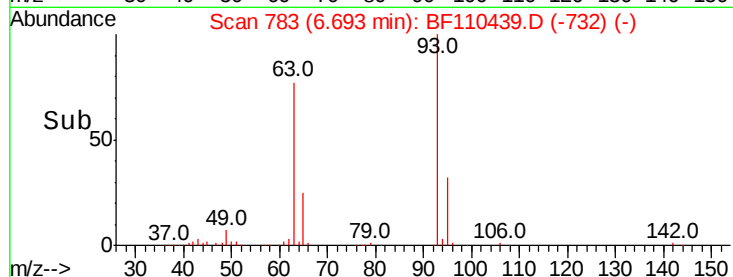
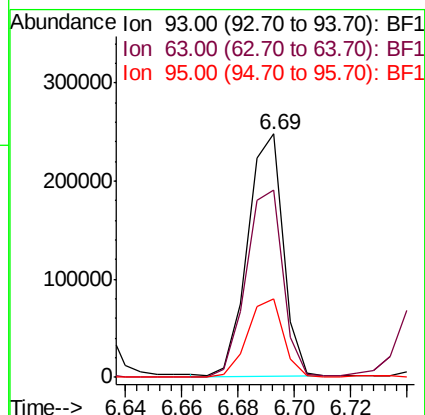
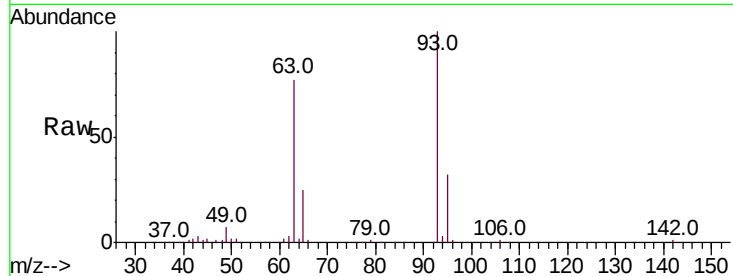
#11
bis(2-Chloroethyl)ether
Concen: 40.011 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Ratio	100	Resp	Lower	Upper
93	100					
63	76.9			53.4		93.4
95	32.0			12.1		52.1

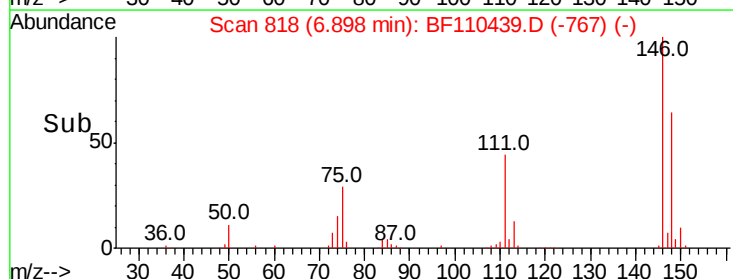
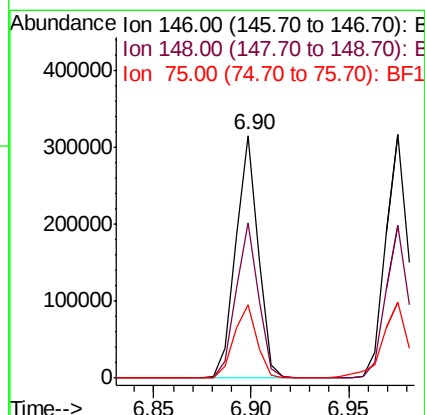
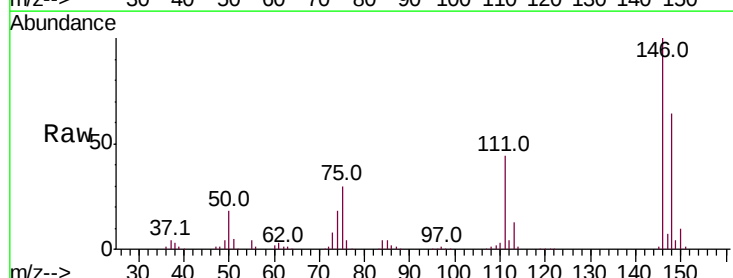
Manual Integrations
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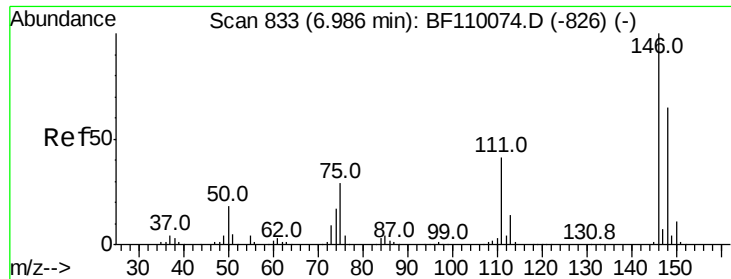
Sohil
11/5/2018 4:01:41 PM



#12
1,3-Dichlorobenzene
Concen: 41.255 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	146	Ratio	100	Resp	Lower	Upper
146	100					
148	63.8			50.4		75.6
75	30.2			25.8		38.6





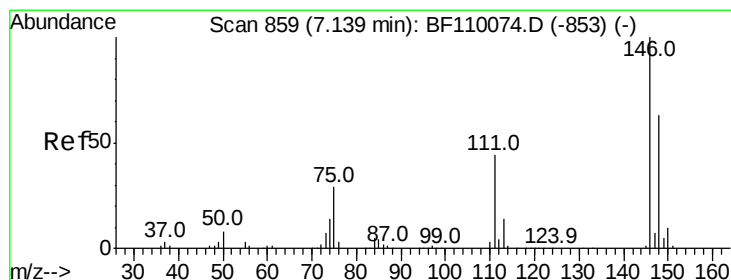
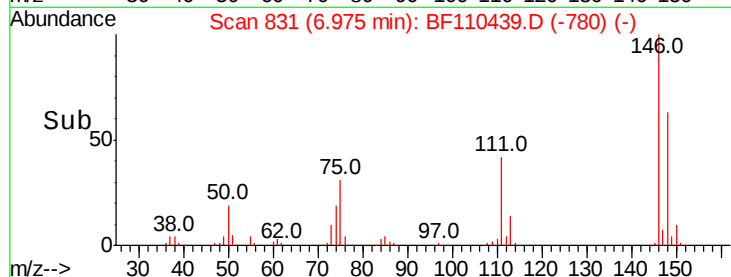
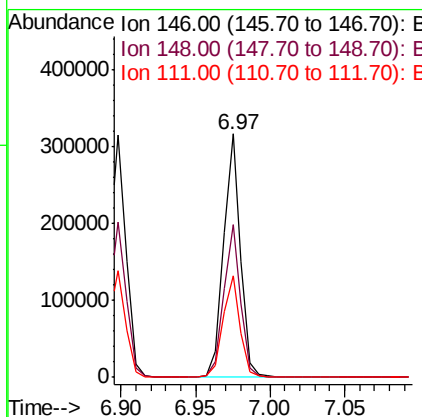
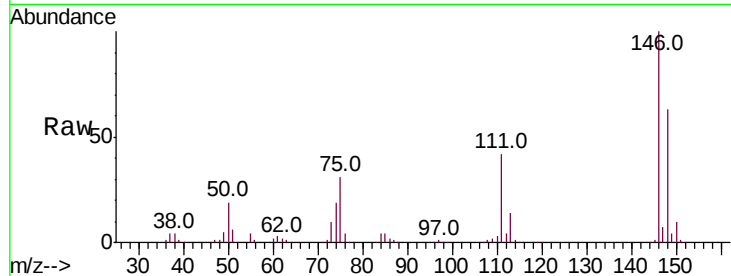
#13
 1,4-Dichlorobenzene
 Concen: 41.071 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	41.8	32.7	49.1

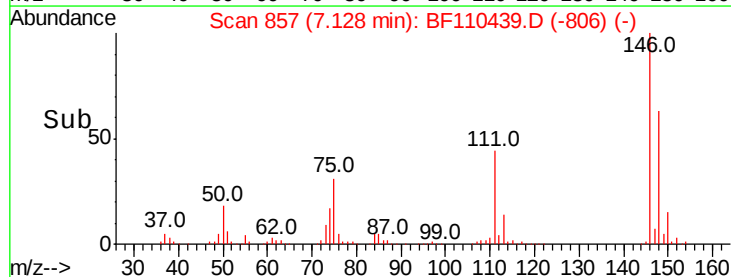
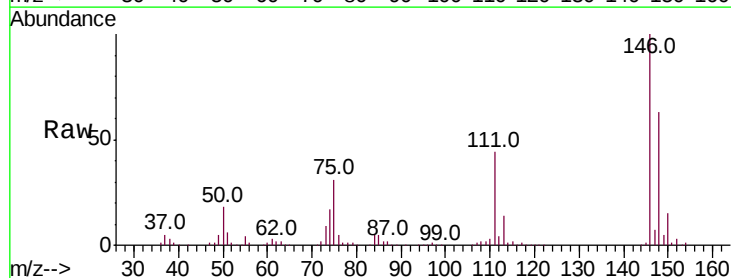
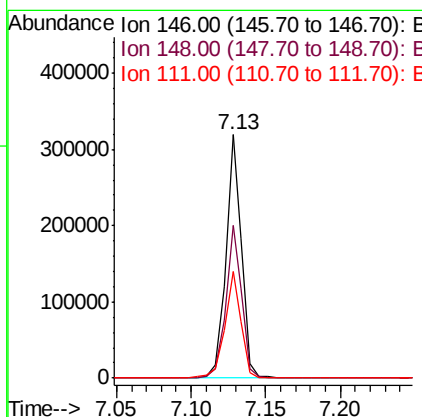
Manual Integrations
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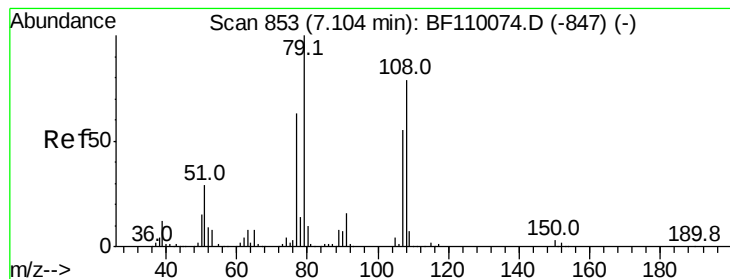
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.101 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	44.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.612 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

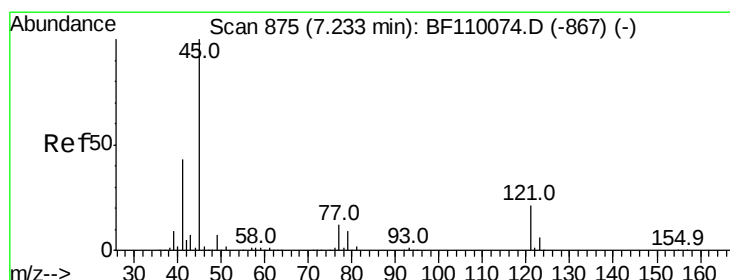
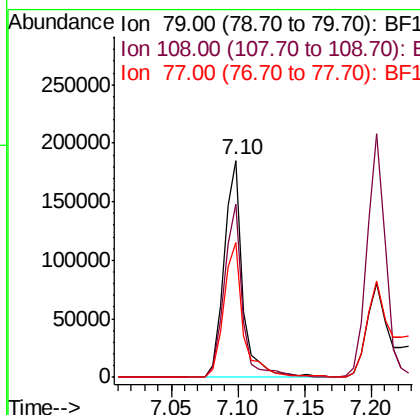
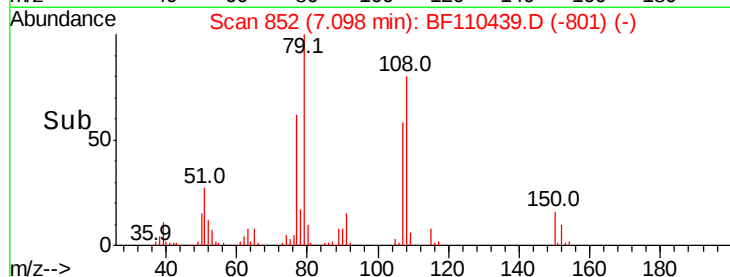
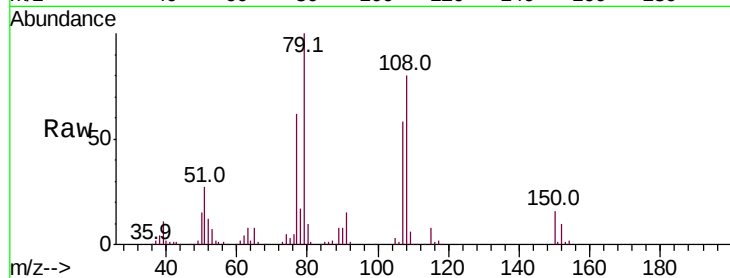
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	182772
Ion Ratio	Lower	Upper	
79	100		
108	79.8	56.3	84.5
77	62.0	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.806 ng

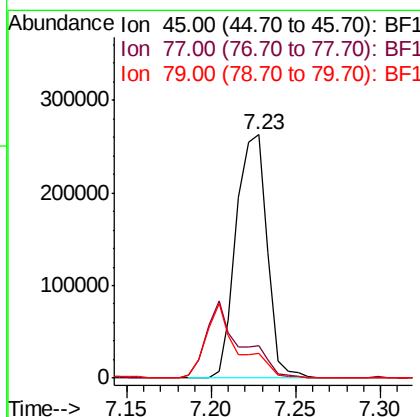
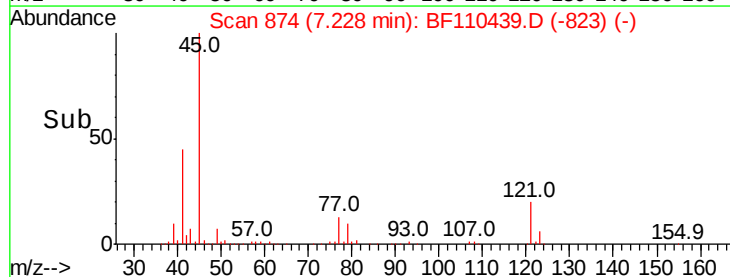
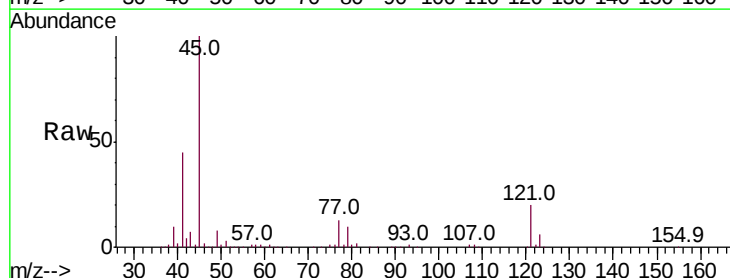
RT: 7.23 min Scan# 874

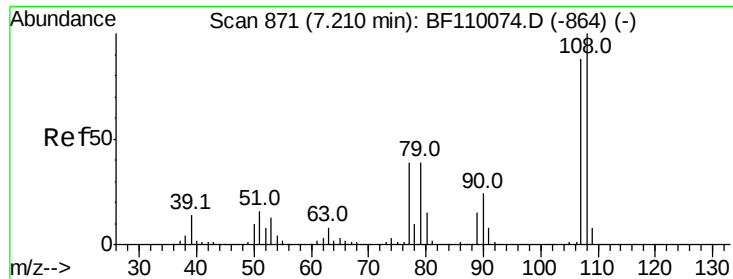
Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	45	Resp:	335817
Ion Ratio	Lower	Upper	
45	100		
77	13.3	10.0	50.0
79	10.3	6.1	46.1





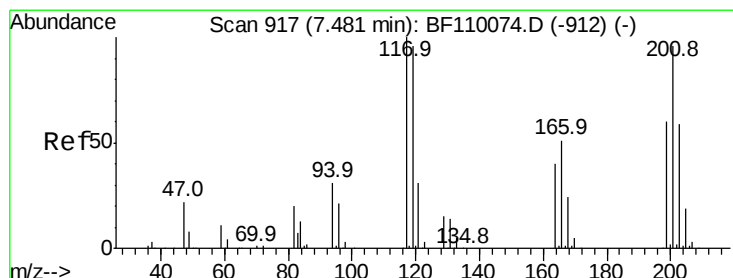
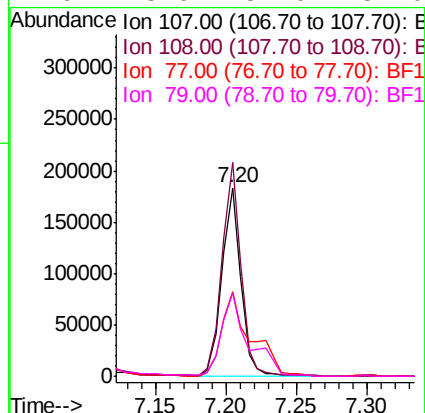
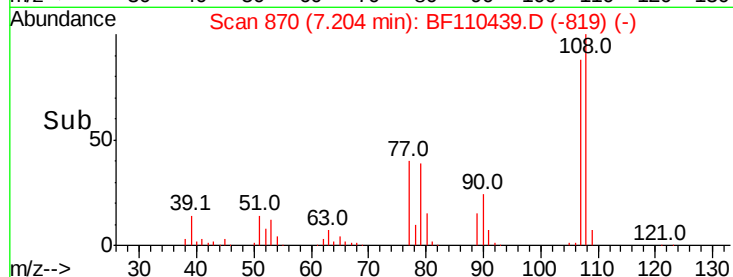
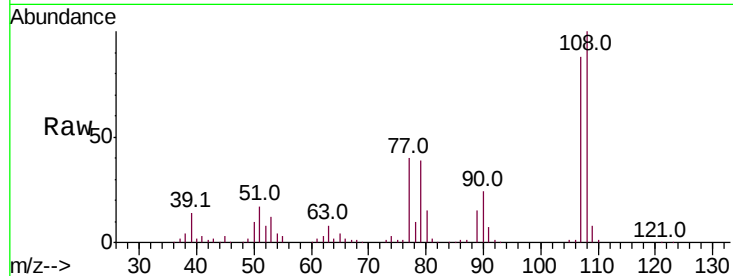
#17
2-Methylphenol
Concen: 38.765 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	92.6	138.8	
77	45.2	59.4	89.2#	
79	43.9	54.0	81.0#	

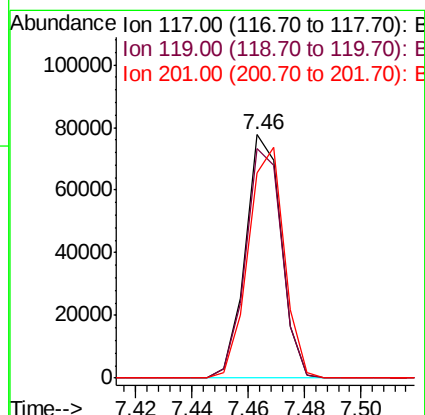
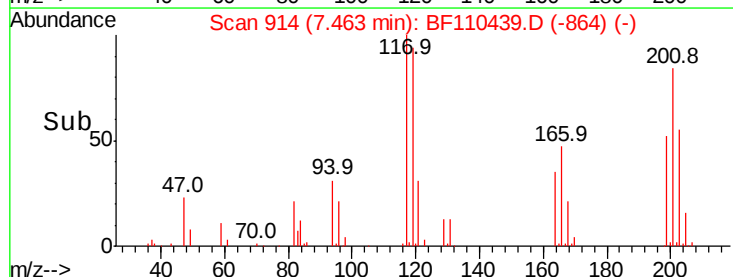
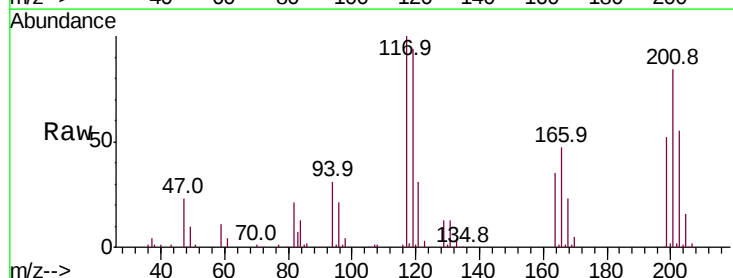
Manual Integrations
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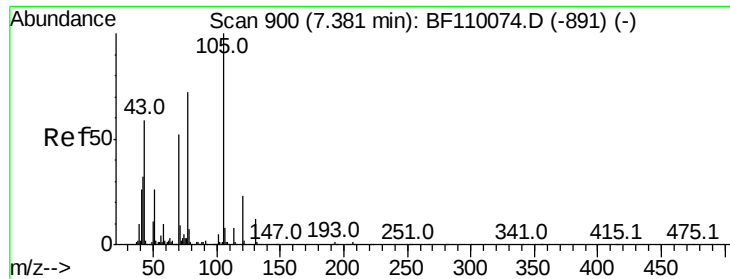
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#18
Hexachloroethane
Concen: 30.224 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.0	112.6	
201	84.1	79.2	118.8	





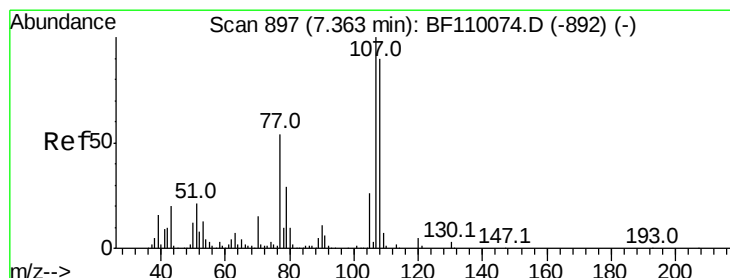
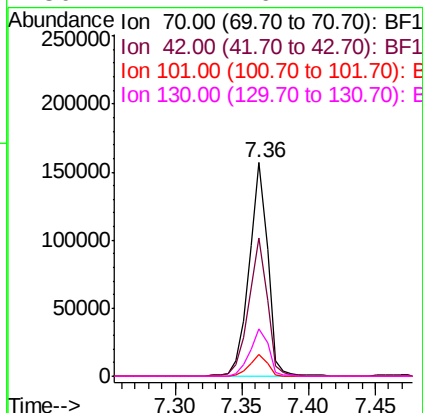
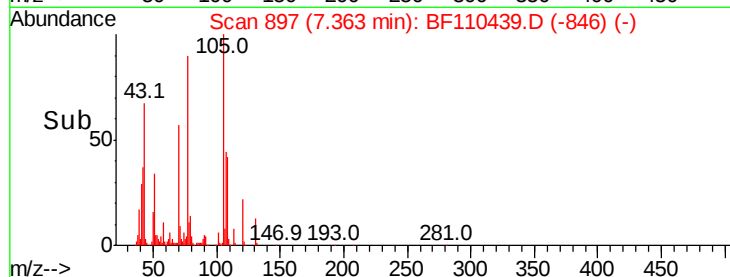
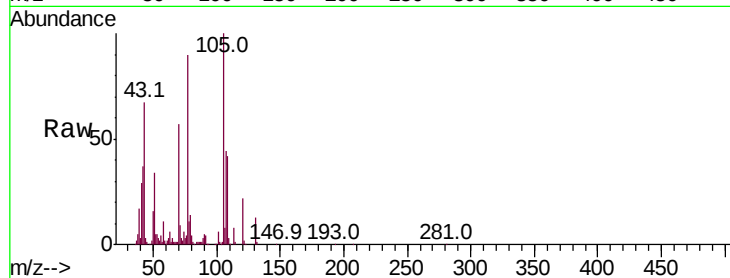
#19
n-Nitroso-di-n-propylamine
Concen: 37.762 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.9	7.3	10.9
130	22.1	16.2	24.2

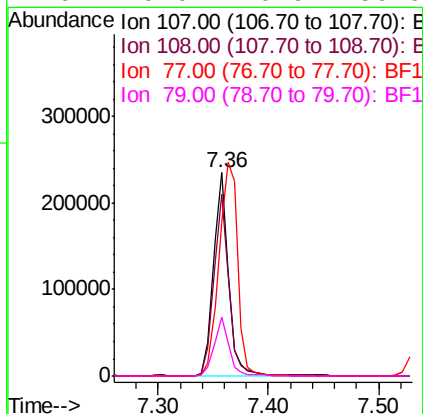
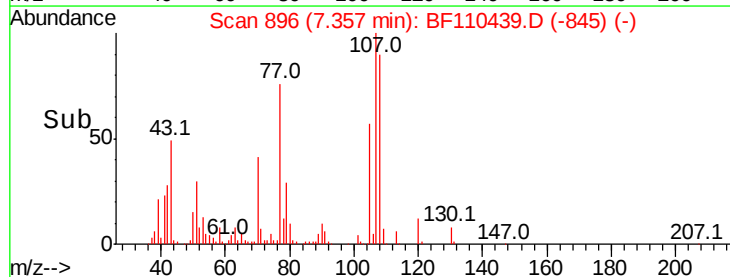
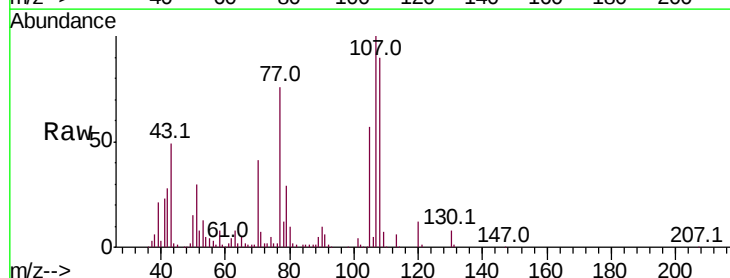
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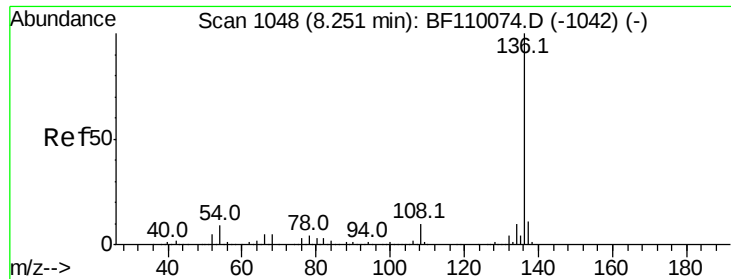
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#20
3+4-Methylphenols
Concen: 38.219 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	76.0	47.3	87.3
79	29.0	10.9	50.9





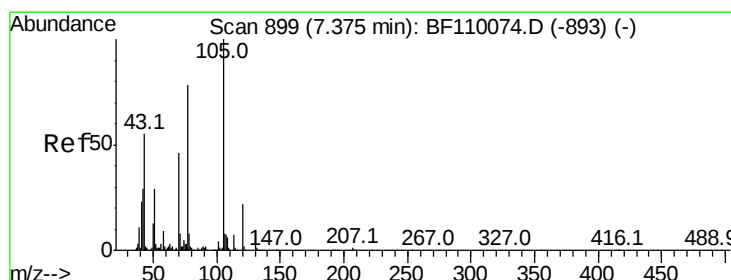
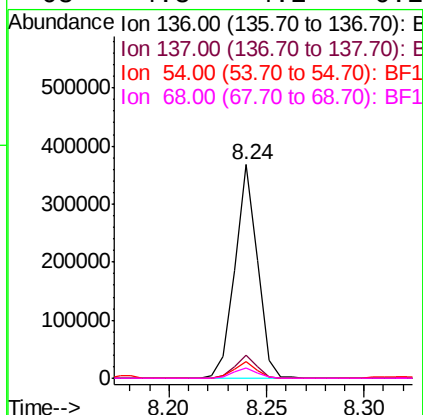
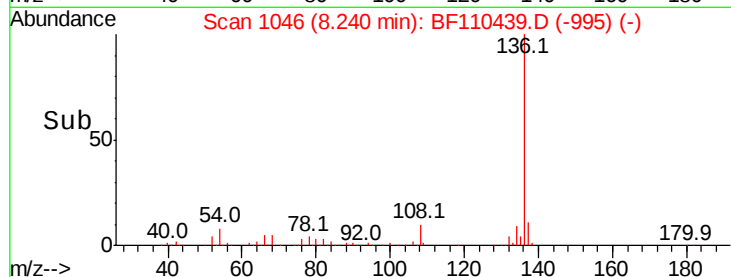
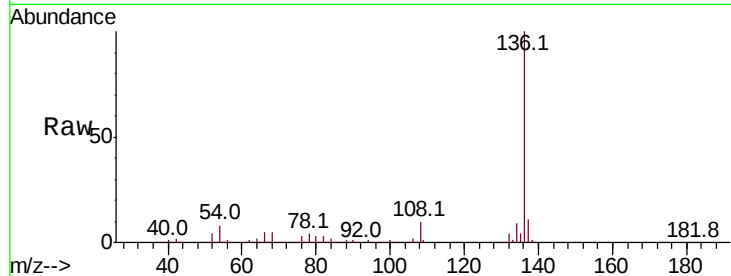
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	295428		
137	10.8		8.8	13.2
54	7.6		5.4	8.2
68	4.8		4.2	6.2

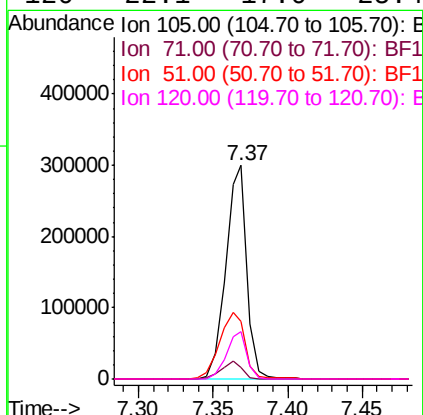
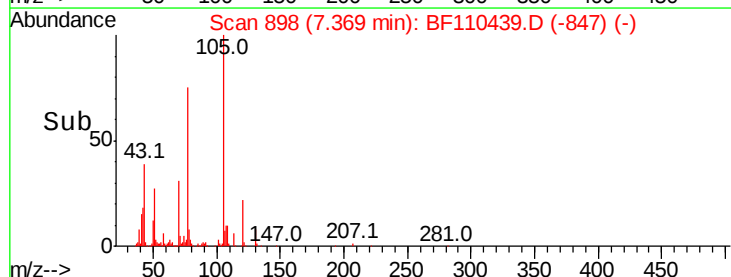
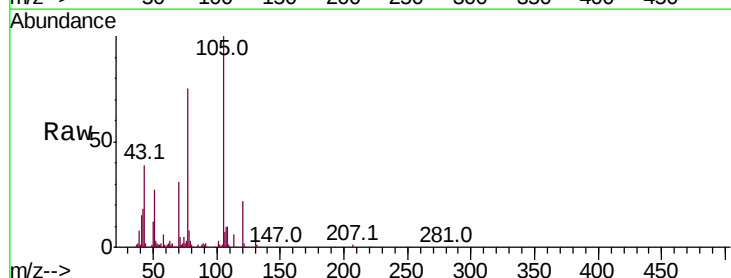
Manual Integrations
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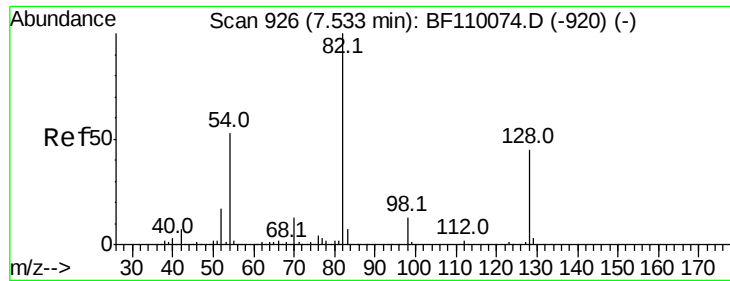
Sohil
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#22
Acetophenone
Concen: 43.977 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299368		
71	5.3		5.2	7.8
51	26.8		21.8	32.8
120	22.1		17.0	25.4





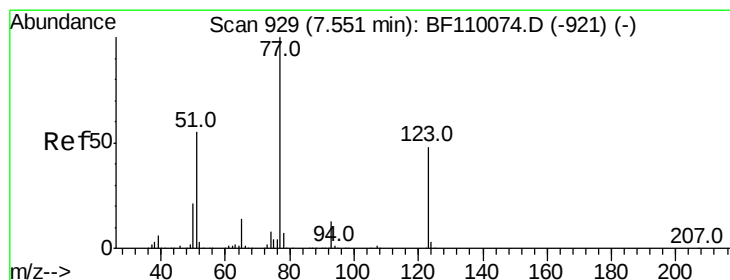
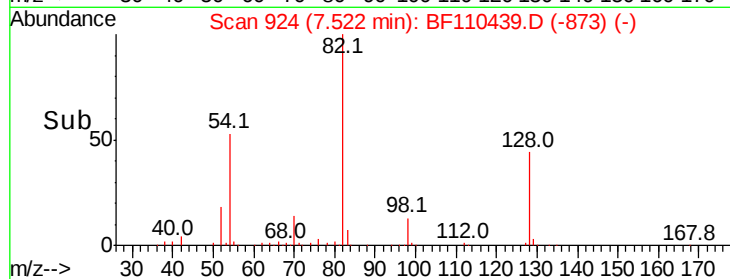
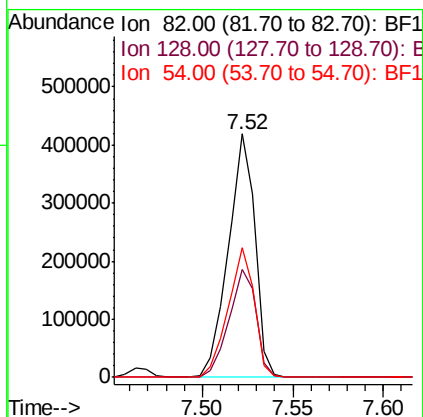
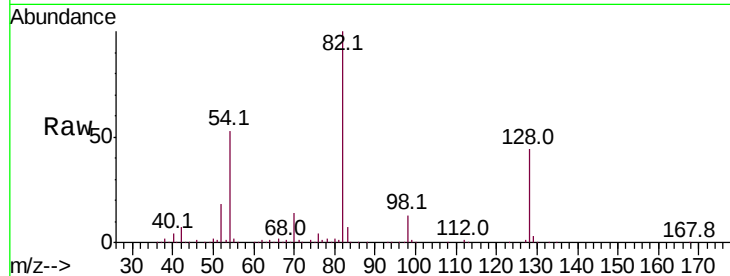
#23
 Nitrobenzene-d5
 Concen: 86.375 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	53.0	38.6	58.0

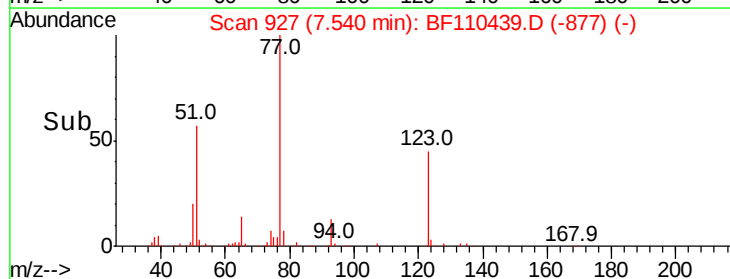
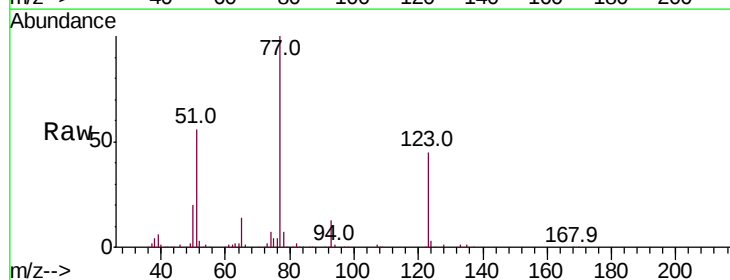
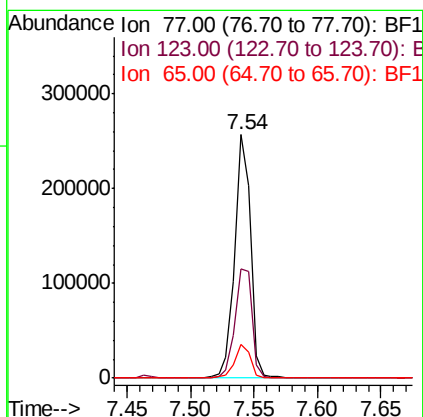
Manual Integrations
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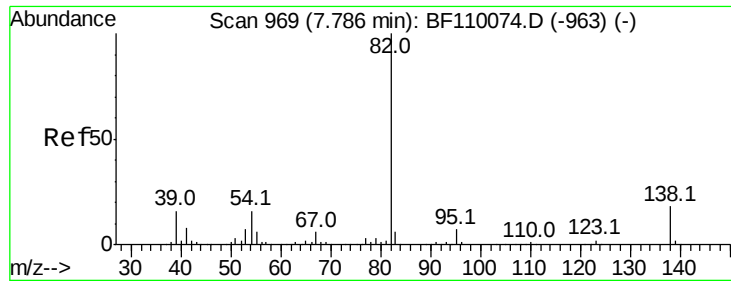
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 11/5/2018 4:01:41 PM



#24
 Nitrobenzene
 Concen: 42.952 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.7	53.5
65	13.8	10.7	16.1





#25

Isophorone

Concen: 39.355 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

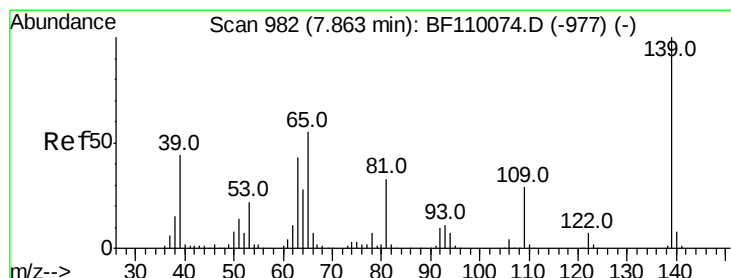
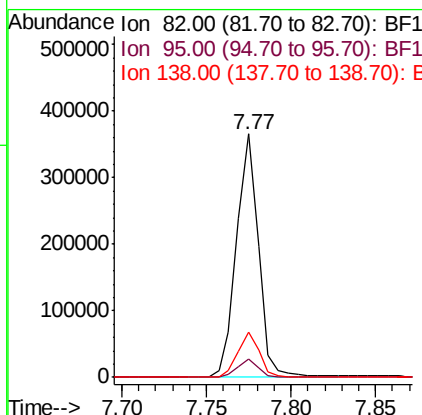
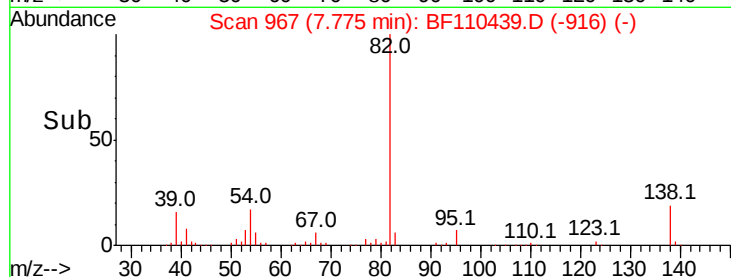
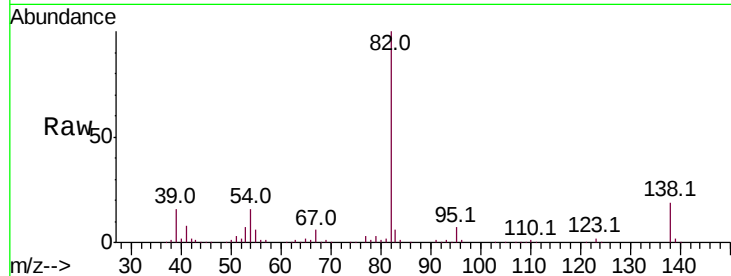
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	334136
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	18.5	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.946 ng

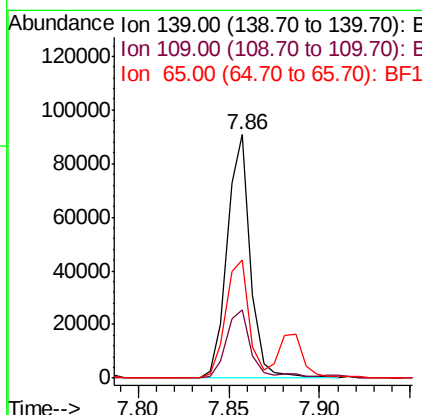
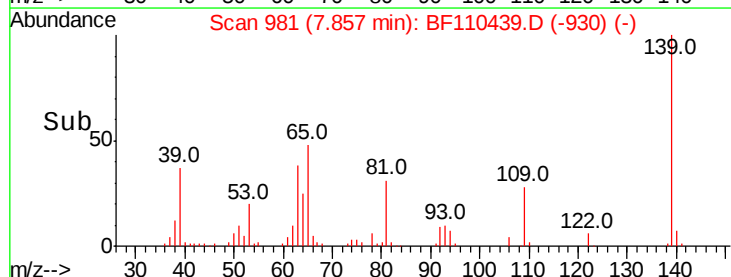
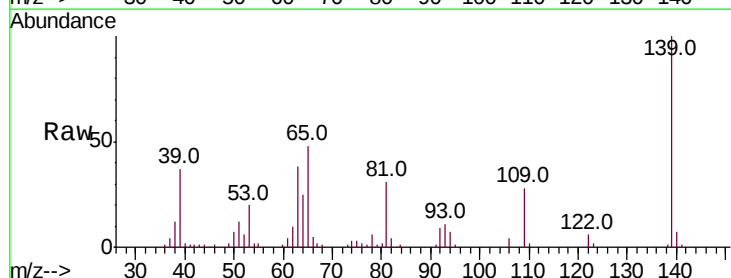
RT: 7.86 min Scan# 981

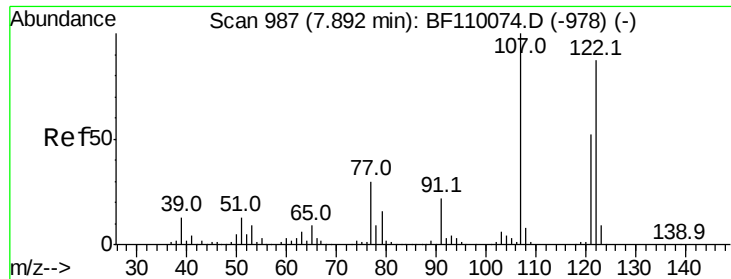
Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	139	Resp:	80620
Ion Ratio	Lower	Upper	
139	100		
109	28.3	25.0	37.6
65	48.3	44.0	66.0





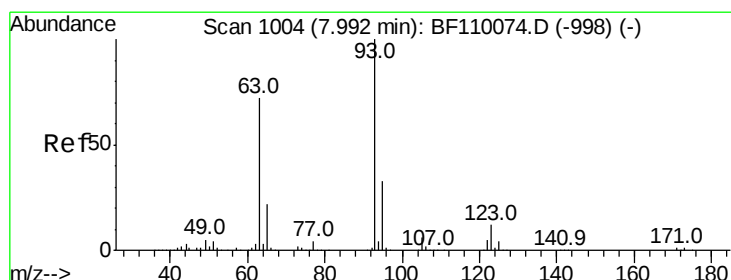
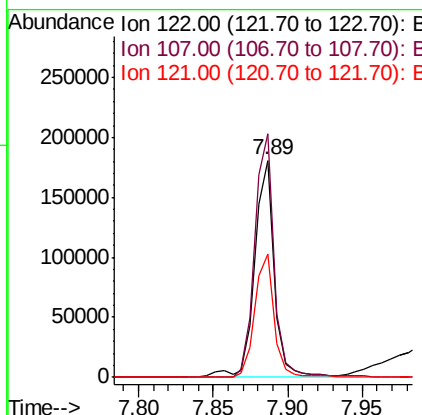
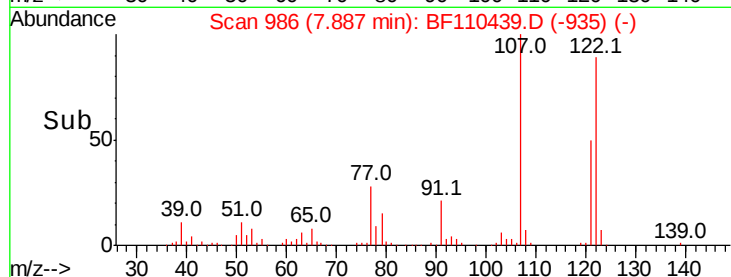
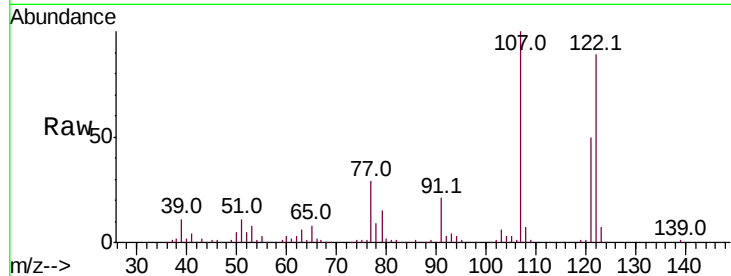
#27
2,4-Dimethylphenol
Concen: 40.461 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	92.5	138.7
121	56.5	45.8	68.8

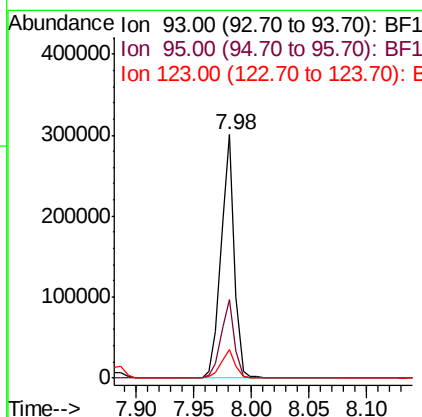
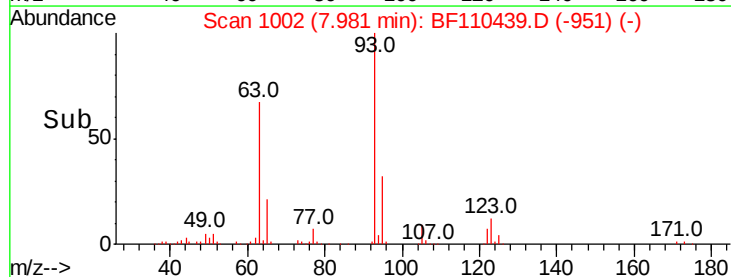
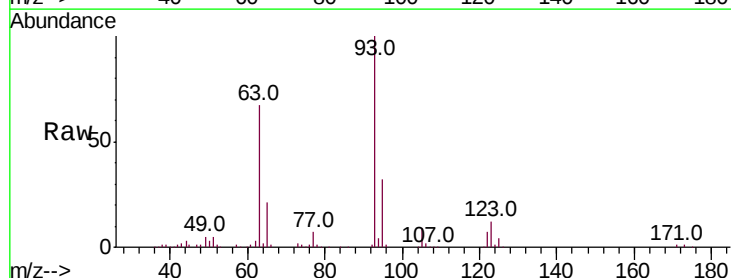
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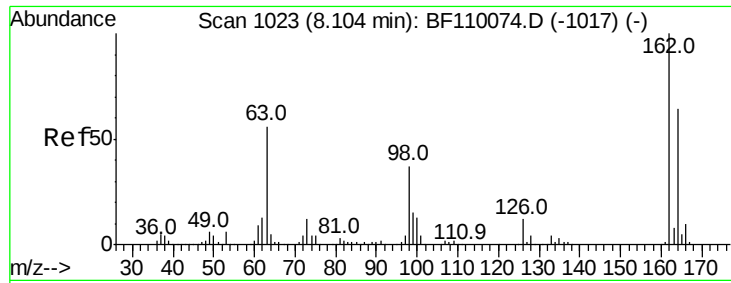
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.807 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	11.9	9.0	13.6





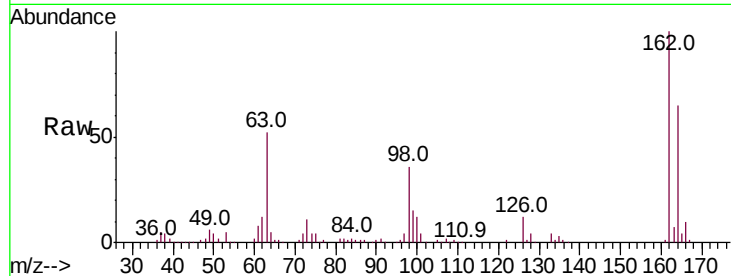
#29
2,4-Dichlorophenol
Concen: 39.313 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.6	17.4	57.4

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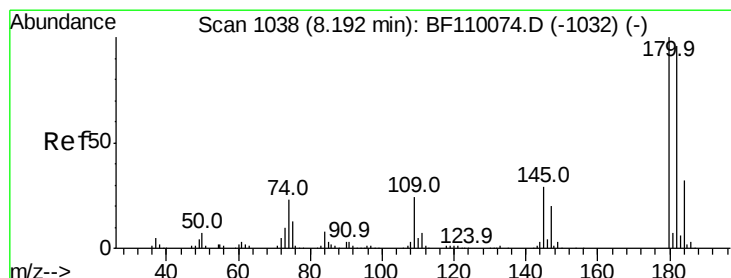
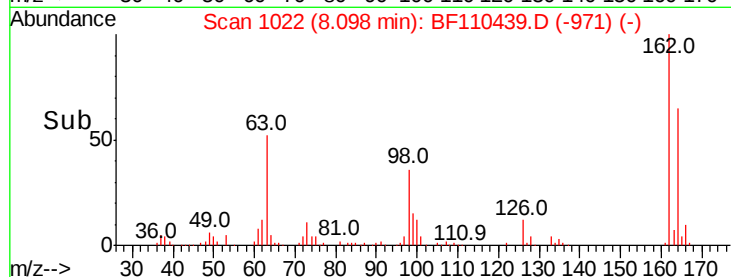
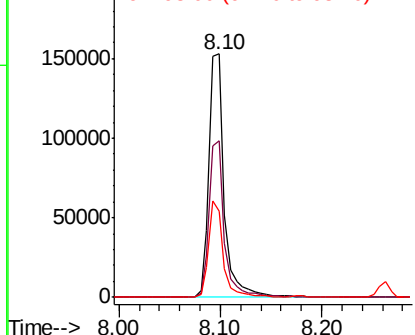


Abundance

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



#30
1,2,4-Trichlorobenzene
Concen: 41.509 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

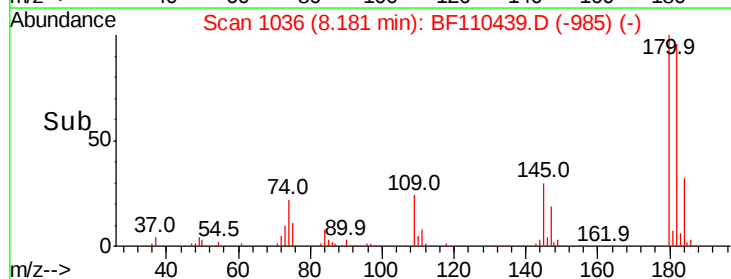
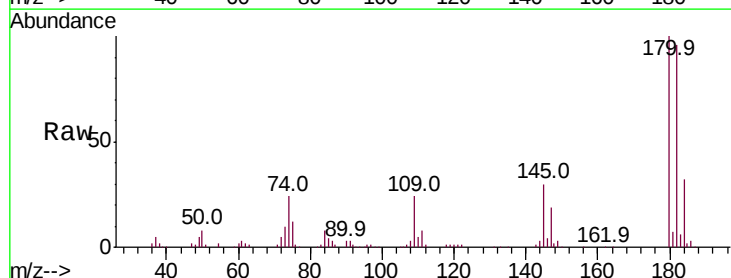
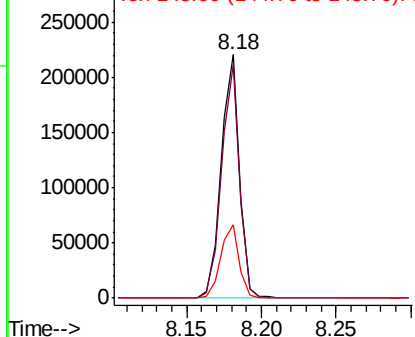
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	80.3	120.5
145	30.3	25.4	38.0

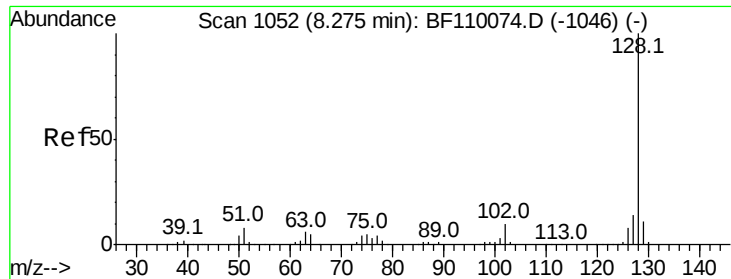
Abundance

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





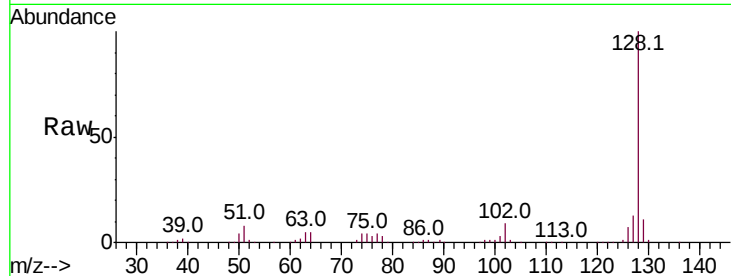
#31
Naphthalene
Concen: 40.906 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.8	16.2

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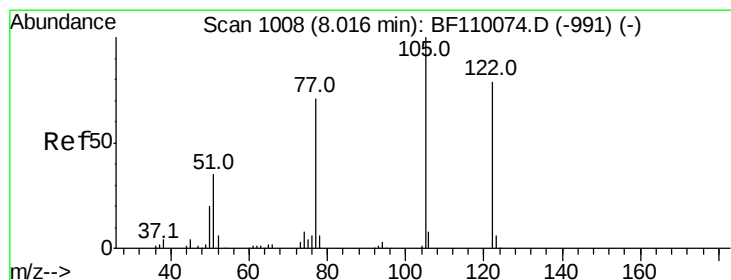
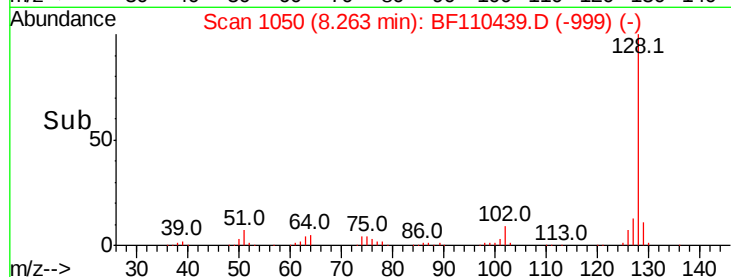
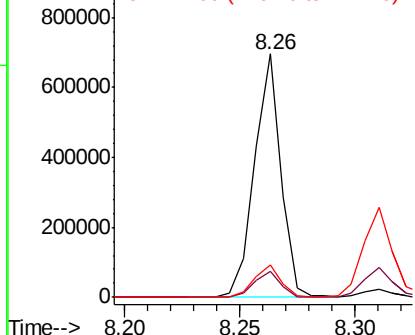


Abundance

Ion 128.00 (127.70 to 128.70): E

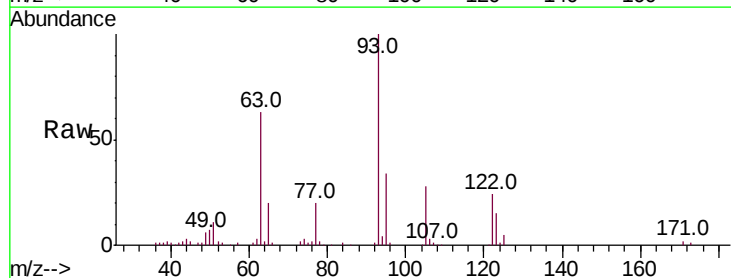
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.400 ng m
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	109.0	149.0
77	82.3	79.0	119.0

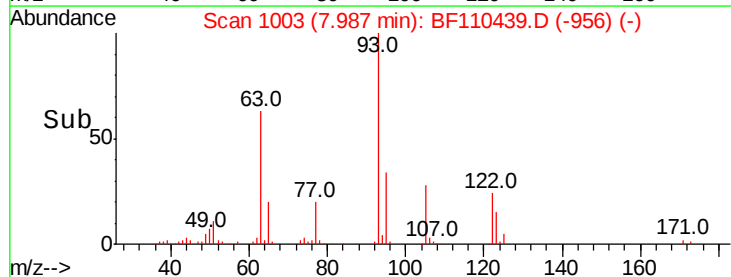
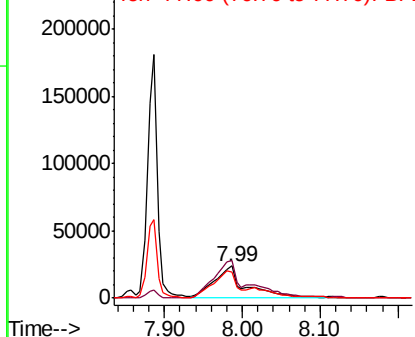


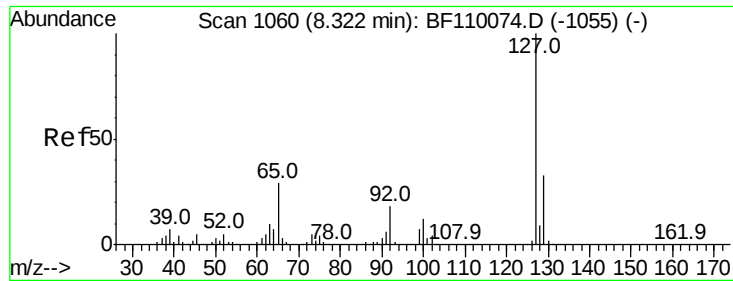
Abundance

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





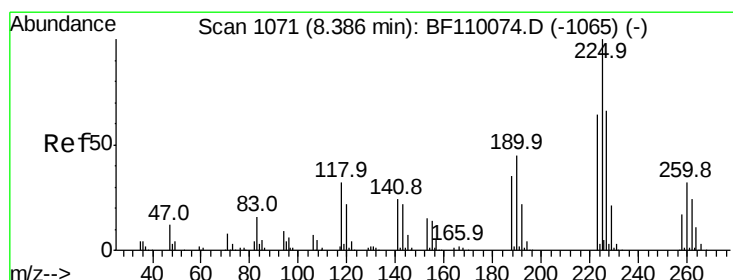
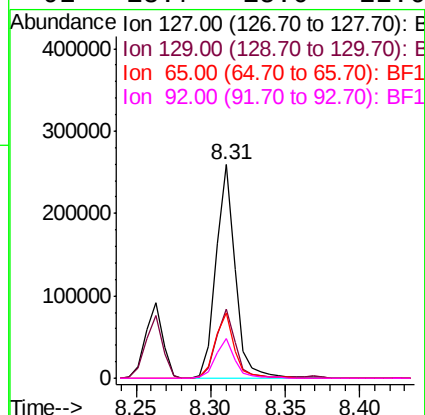
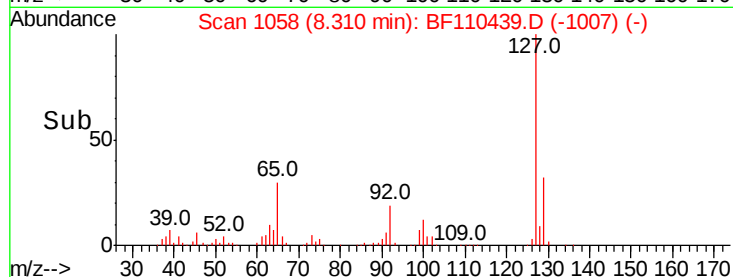
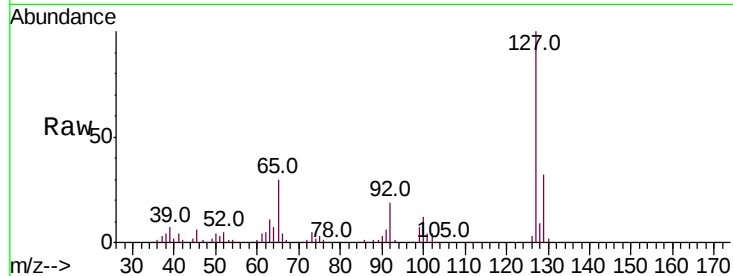
#33
4-Chloroaniline
Concen: 37.974 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.0	39.0		
65	30.4	25.1	37.7		
92	18.7	15.0	22.6		

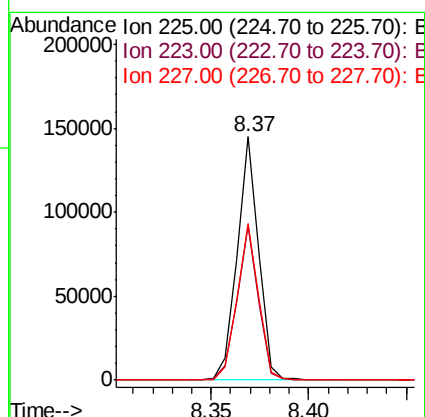
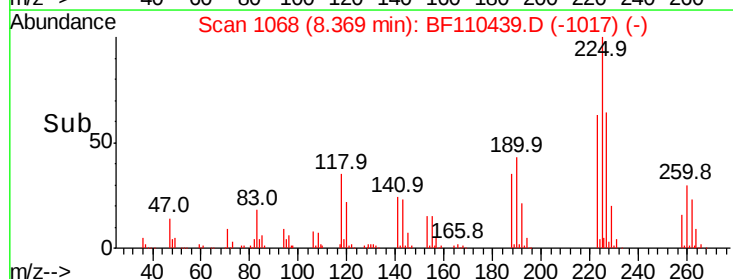
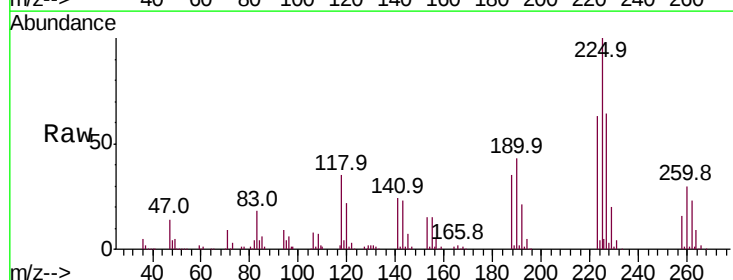
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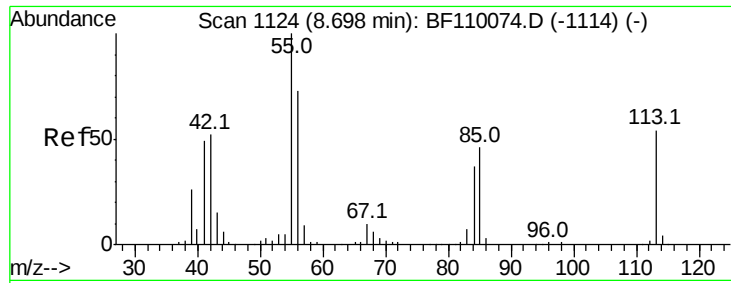
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#34
Hexachlorobutadiene
Concen: 43.318 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.4	77.2		
227	64.3	51.0	76.6		





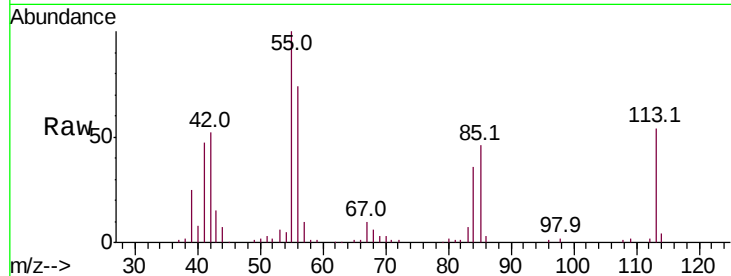
#35
 Caprolactam
 Concen: 33.799 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

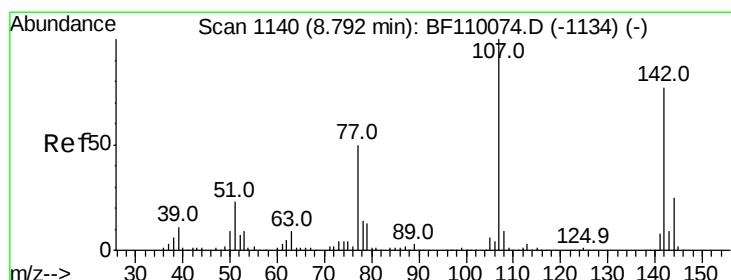
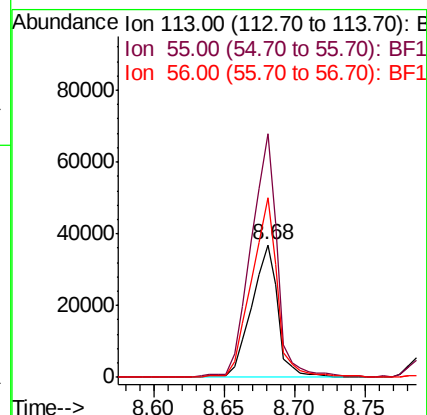
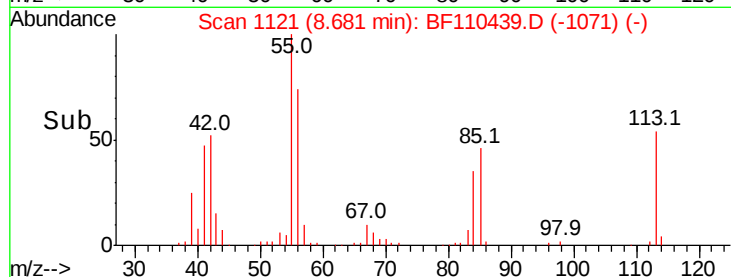
Tot Ion:113 Resp: 48286
 Ion Ratio Lower Upper
 113 100
 55 183.8 142.8 182.8#
 56 135.7 105.0 145.0

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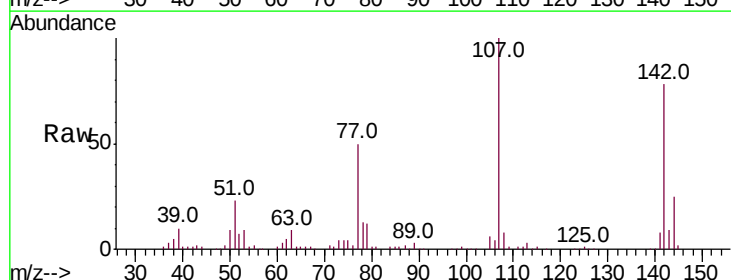


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

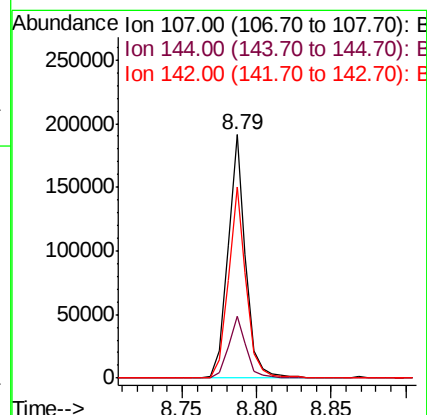
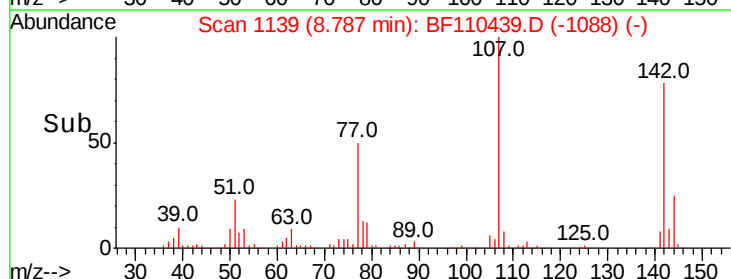


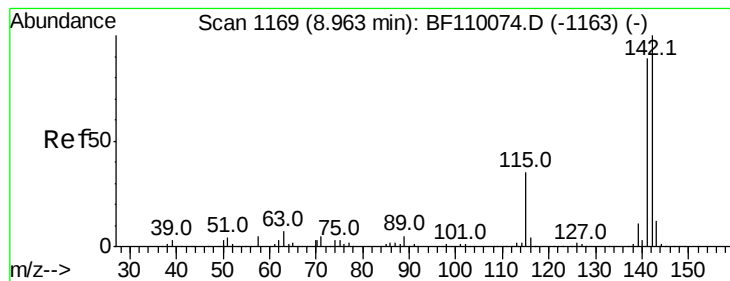
#36
 4-Chloro-3-methylphenol
 Concen: 36.182 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion:107 Resp: 160370
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 78.5 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





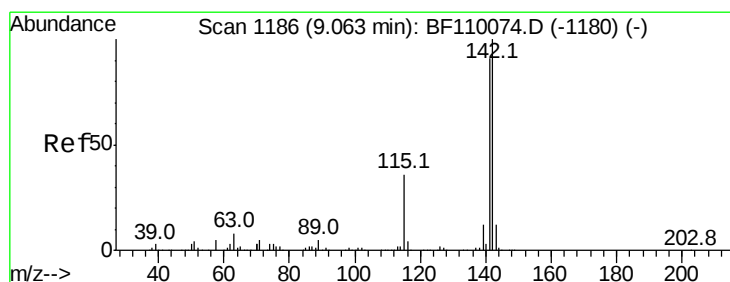
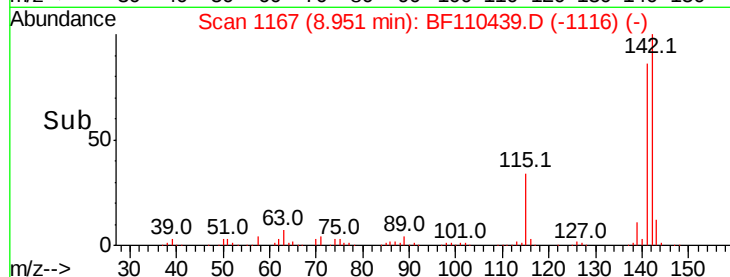
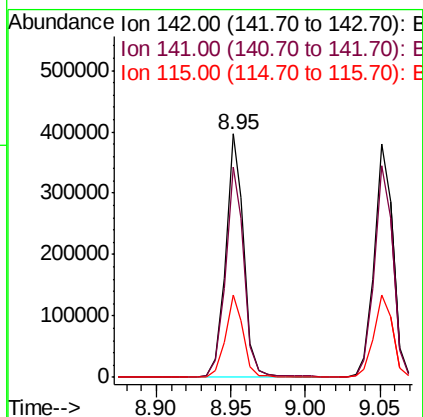
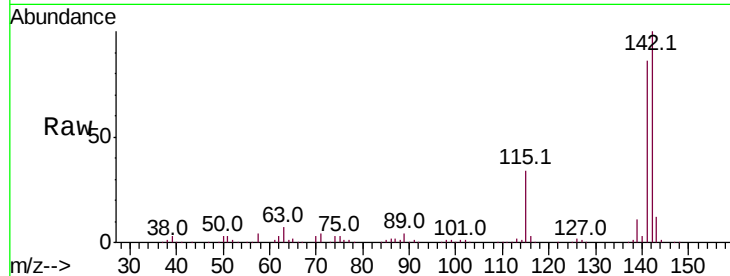
#37
2-Methylnaphthalene
Concen: 37.884 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.4	107.2
115	33.9	28.7	43.1

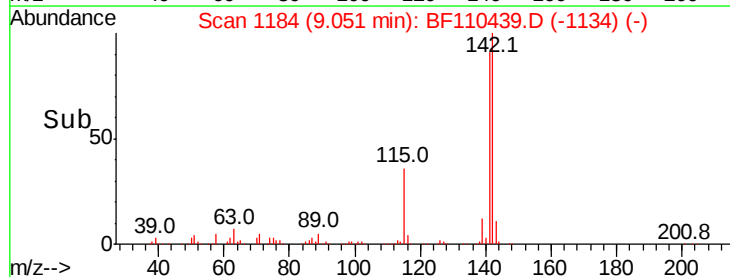
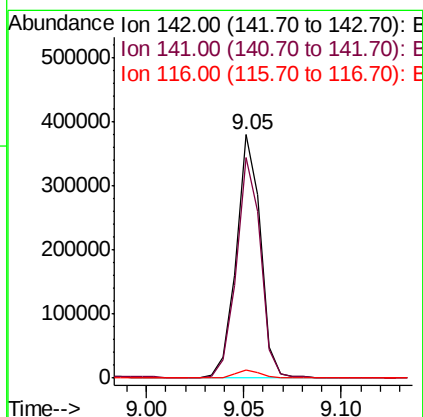
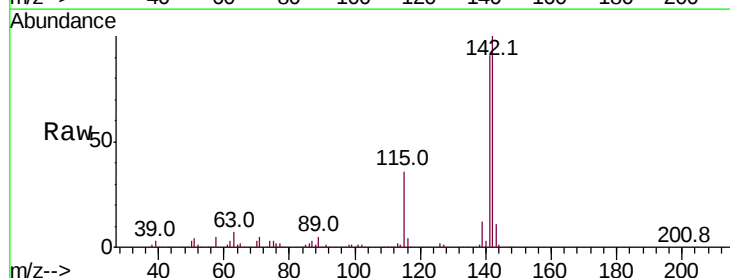
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#38
1-Methylnaphthalene
Concen: 37.240 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.6	2.6	4.0





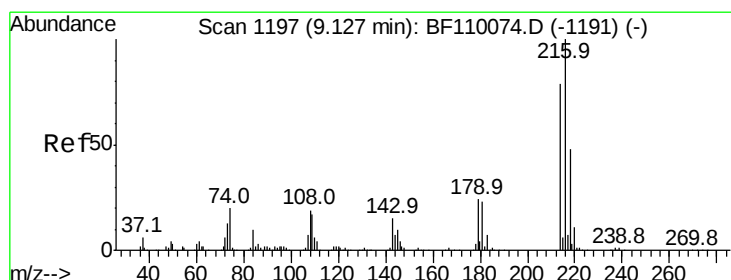
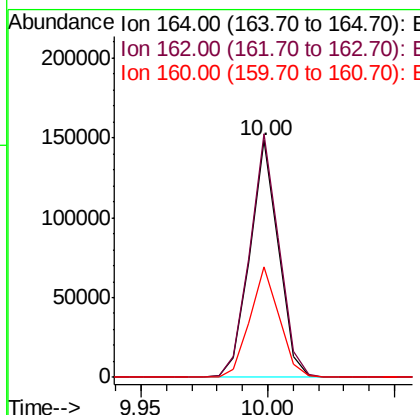
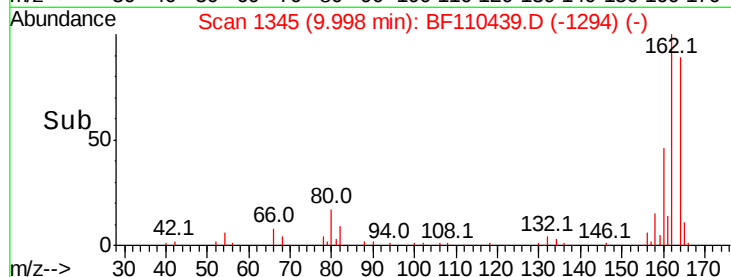
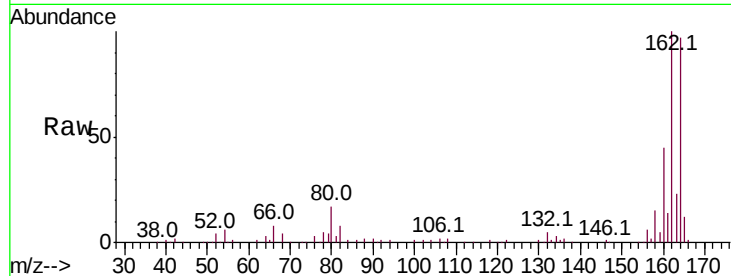
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.6	37.0	55.6

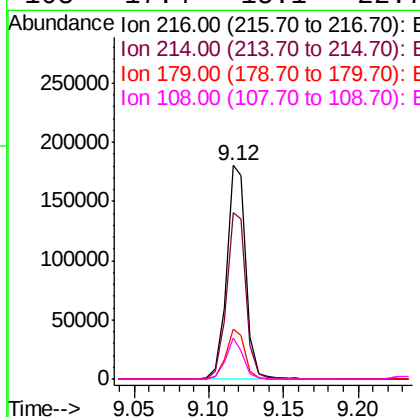
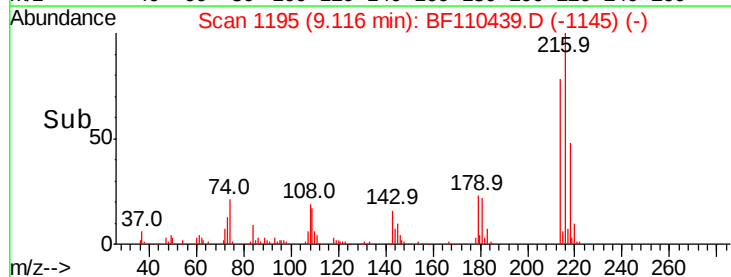
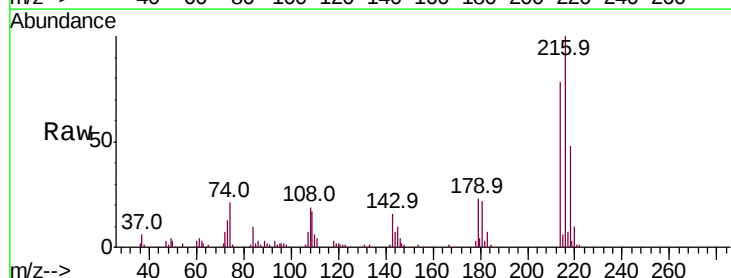
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.217 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	22.6	16.6	25.0
108	17.4	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 3.311 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

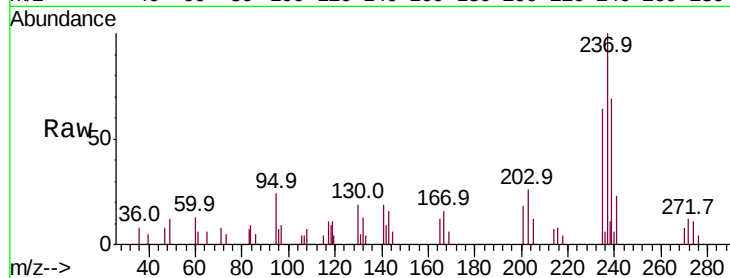
ClientSampleId :

SSTDCCC040

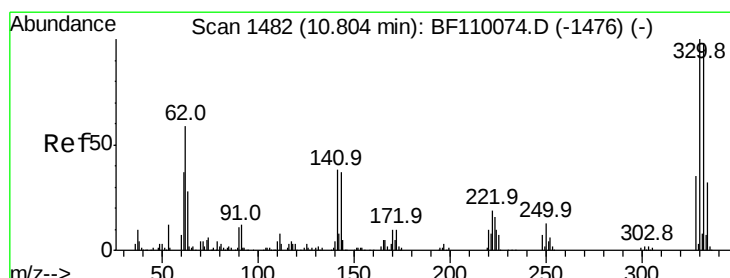
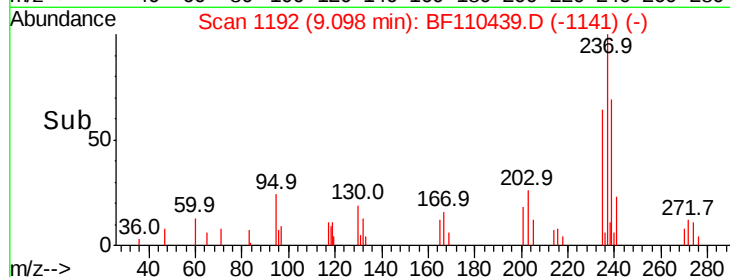
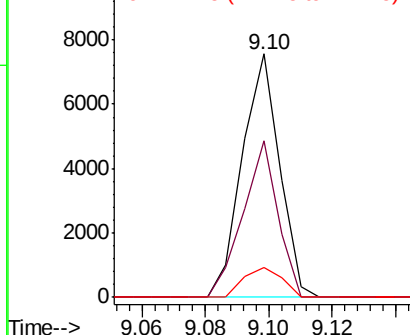
Tot Ion:	237	Resp:	6157
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.1	83.1
272	12.2	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 77.269 ng

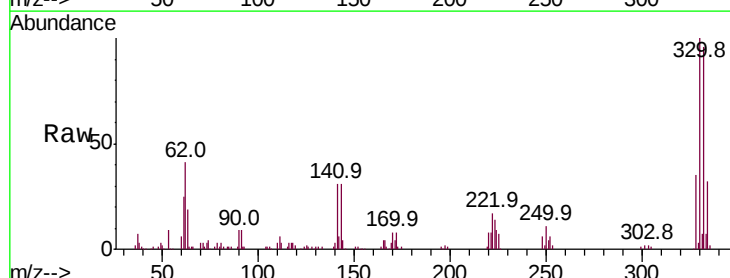
RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

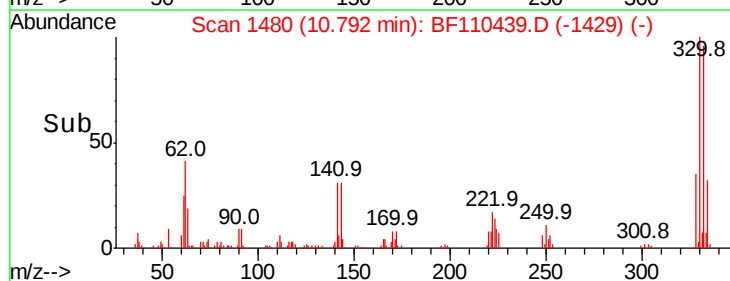
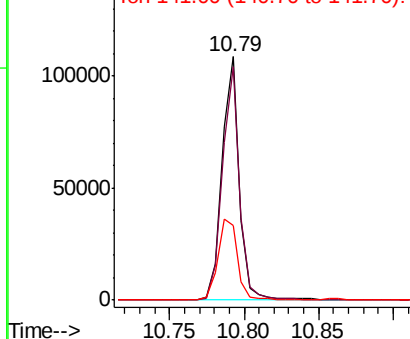
Lab File: BF110439.D

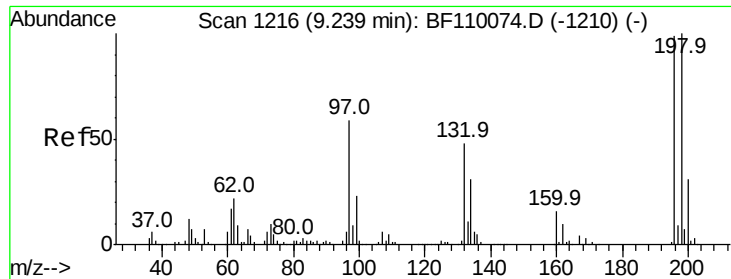
Acq: 3 Nov 2018 4:17

Tgt Ion:	330	Resp:	89343
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.1	115.7
141	37.2	27.0	40.4



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





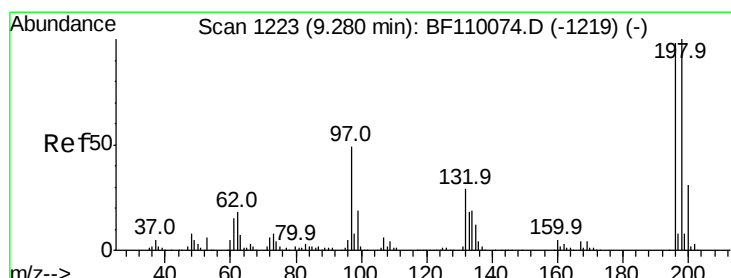
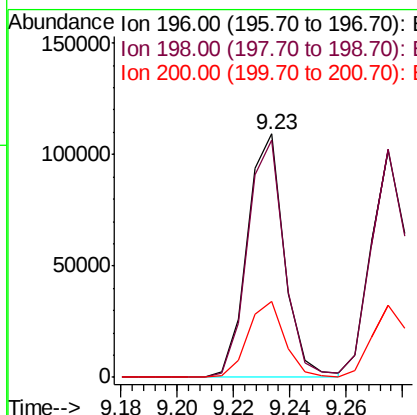
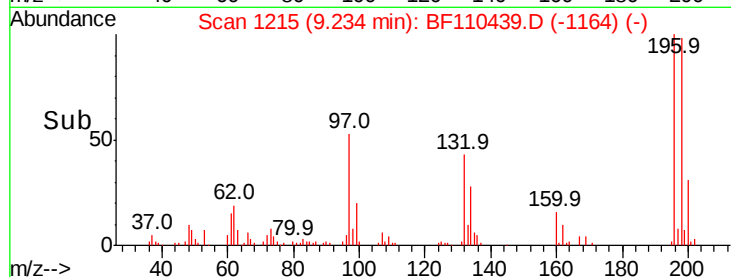
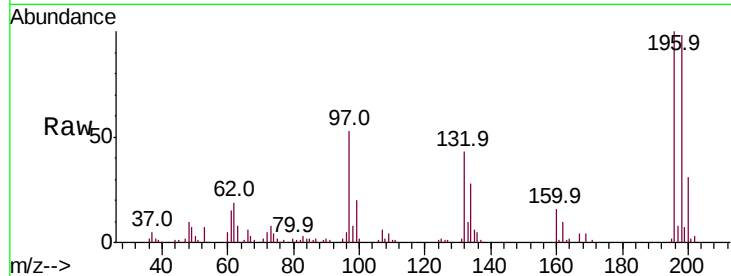
#43
 2,4,6-Trichlorophenol
 Concen: 42.257 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99128		
198	97.6	76.2	114.4	
200	31.3	24.4	36.6	

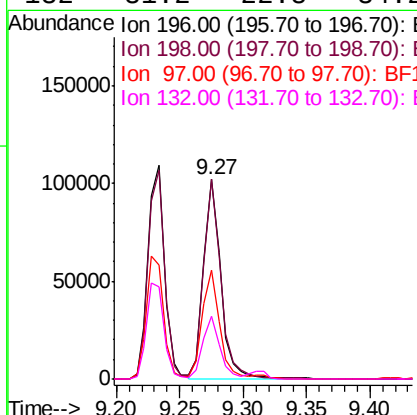
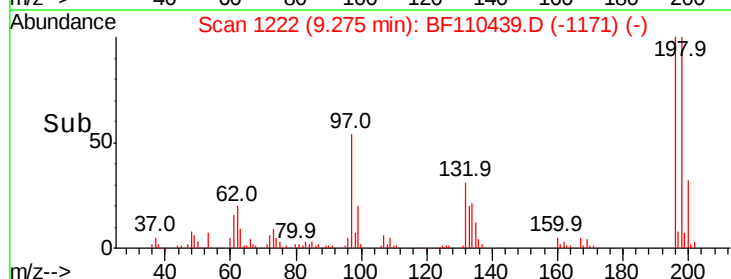
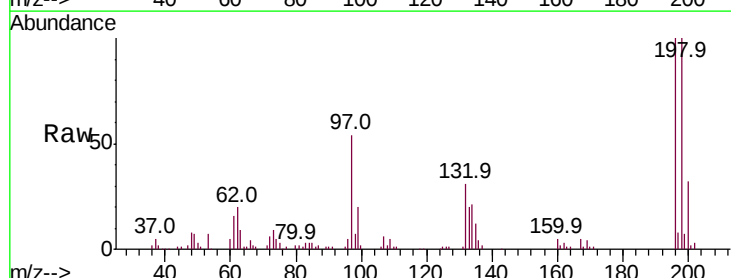
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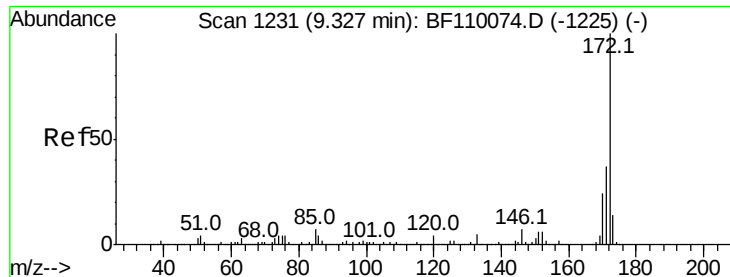
Sohil
 11/5/2018 4:01:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.651 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98319		
198	100.4	75.8	113.6	
97	54.3	42.4	63.6	
132	31.2	22.8	34.2	





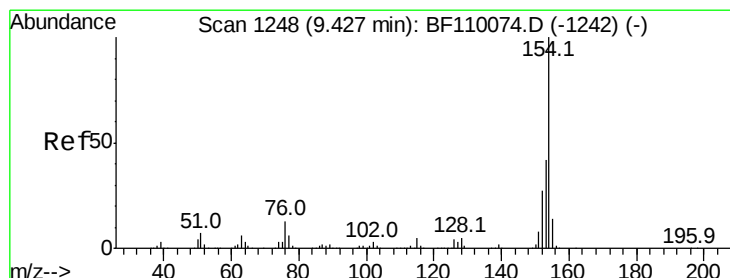
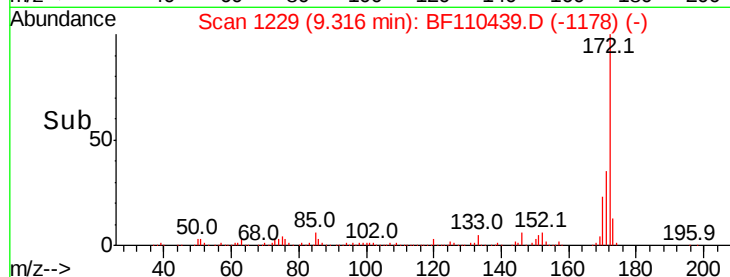
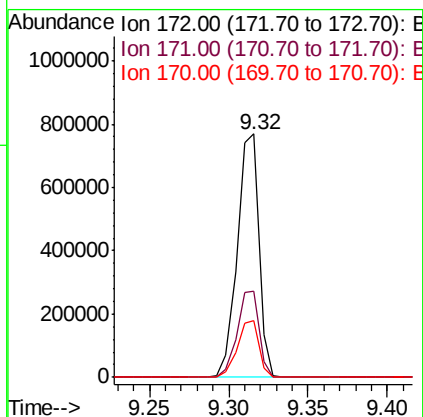
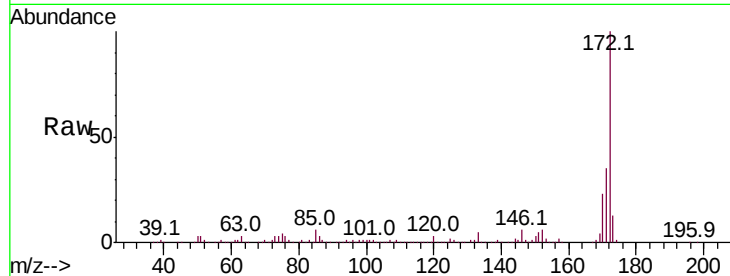
#45
2-Fluorobiphenyl
Concen: 98.326 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.6	43.0	
170	23.1	19.7	29.5	

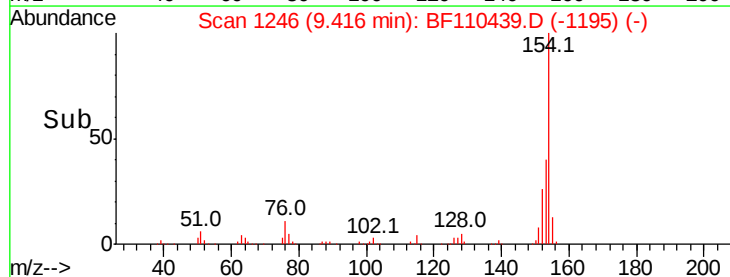
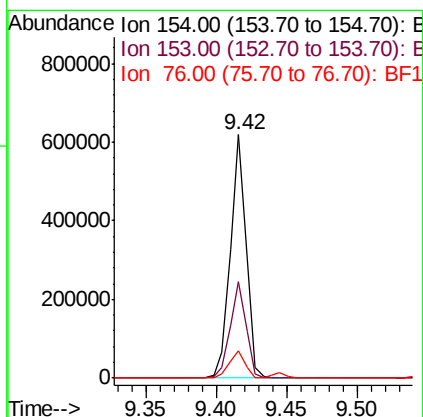
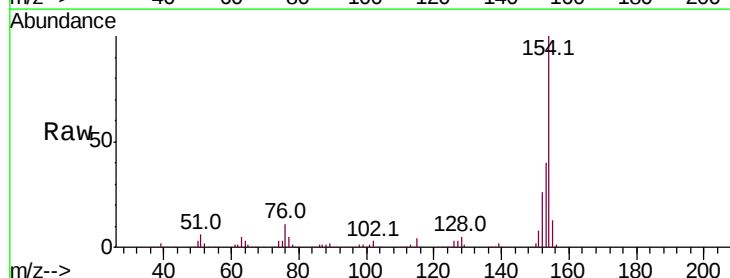
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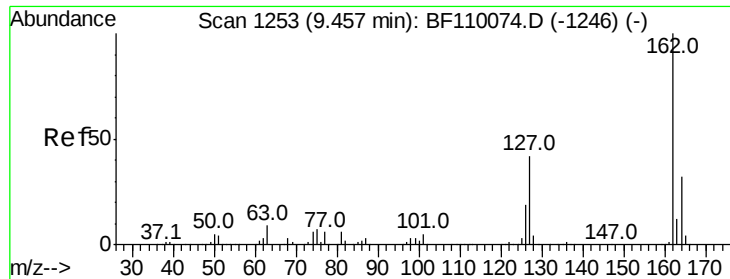
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#46
1,1'-Biphenyl
Concen: 45.292 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	20.4	60.4	
76	11.3	0.0	31.9	





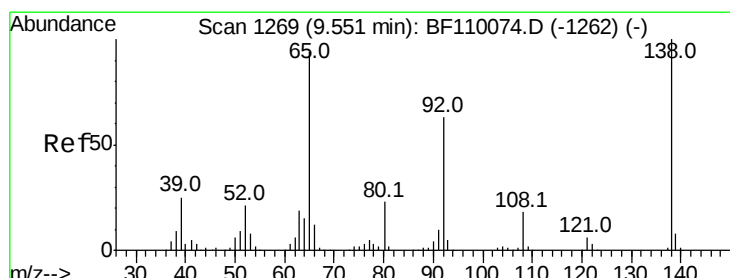
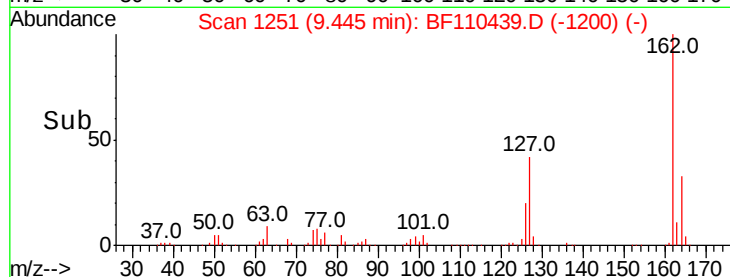
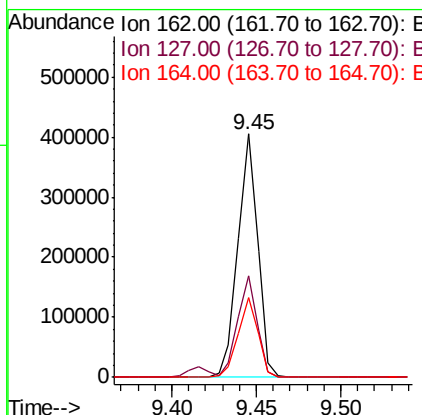
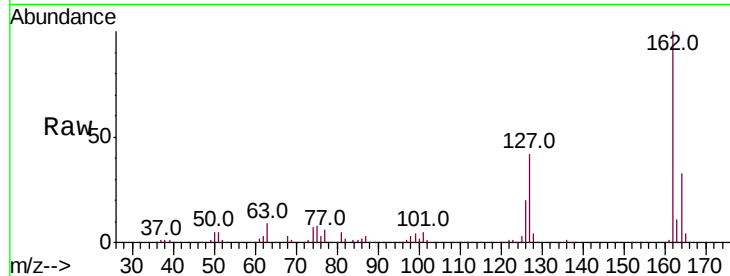
#47
 2-Chloronaphthalene
 Concen: 42.738 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	32.6	25.9	38.9

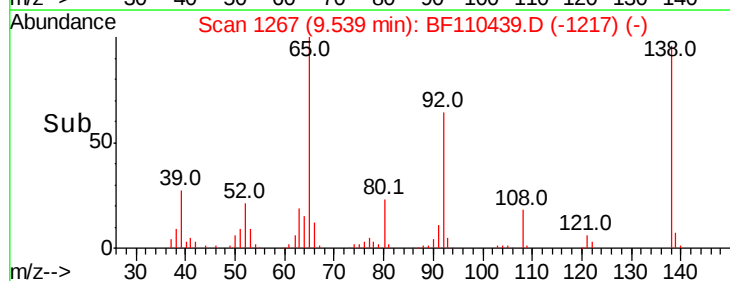
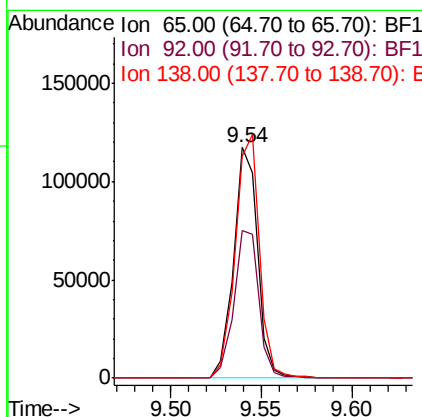
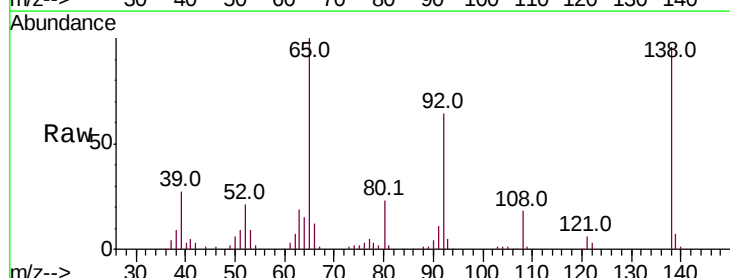
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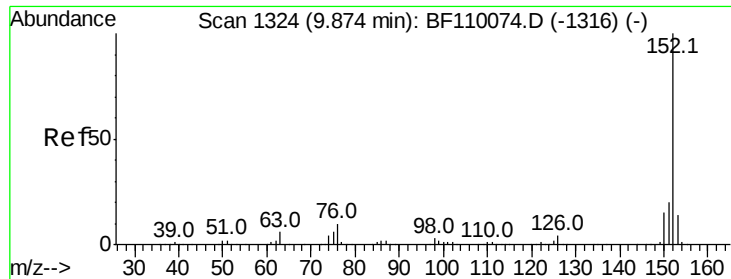
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#48
 2-Nitroaniline
 Concen: 46.238 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	54.6	81.8
138	96.1	80.3	120.5





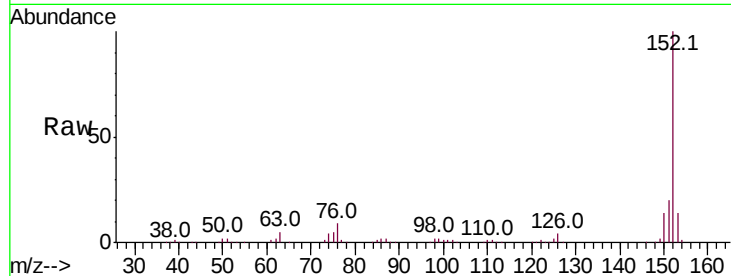
#49
Acenaphthylene
Concen: 41.251 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

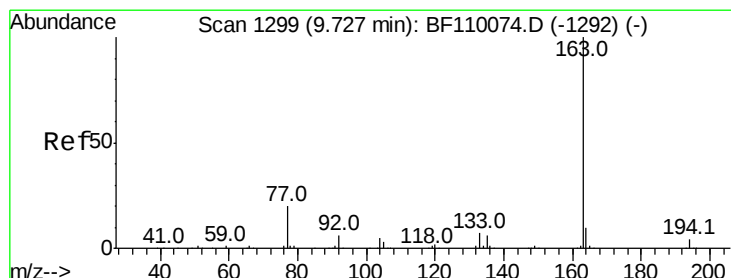
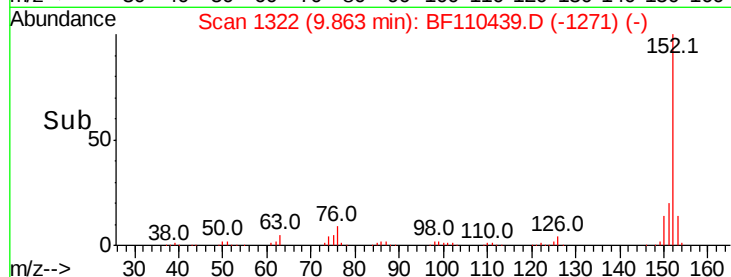
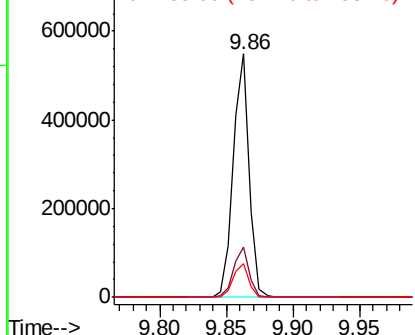
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.6	10.4	15.6

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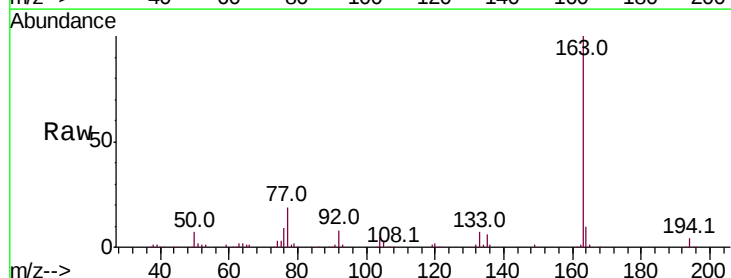


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

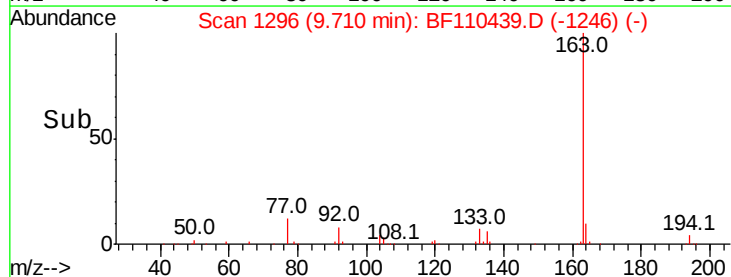
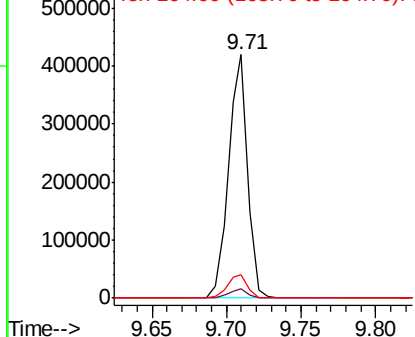


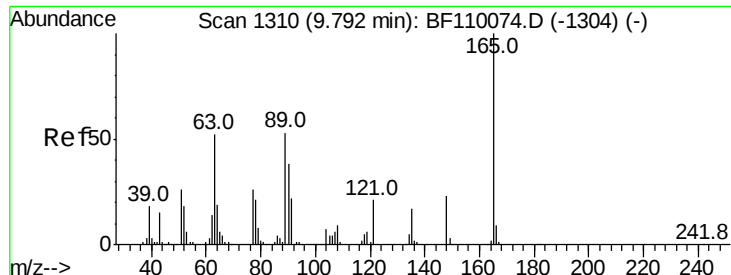
#50
Dimethylphthalate
Concen: 43.810 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1



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





#51

2,6-Dinitrotoluene

Concen: 35.849 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

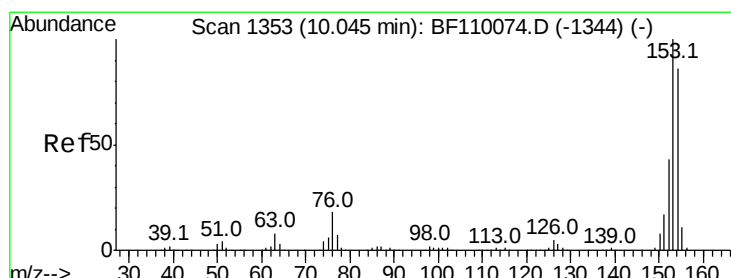
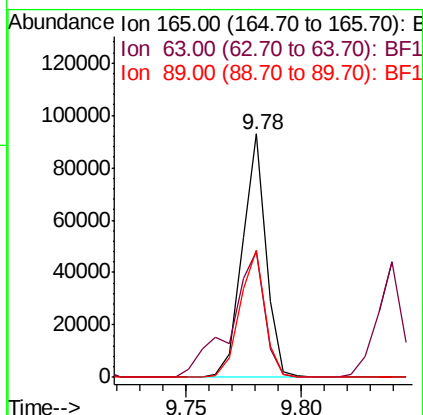
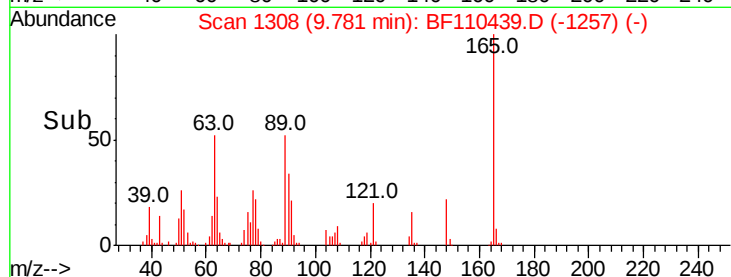
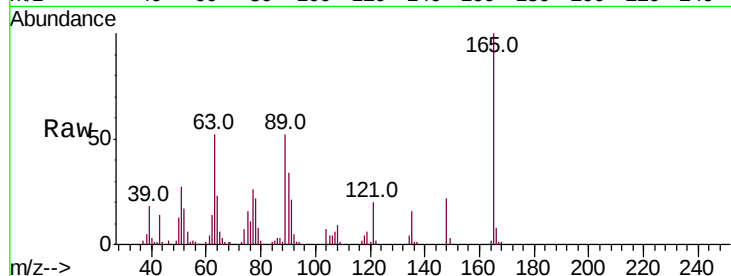
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	66537
Ion Ratio	Lower	Upper	
165	100		
63	51.8	48.9	73.3
89	52.4	46.6	69.8

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#52

Acenaphthene

Concen: 39.167 ng

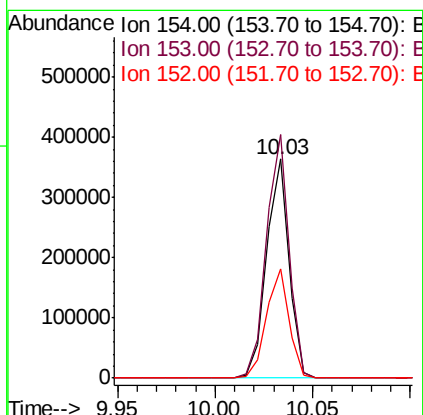
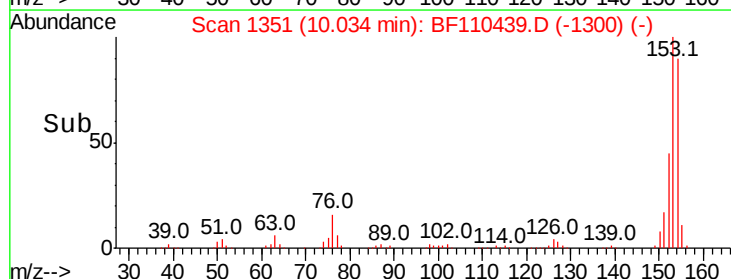
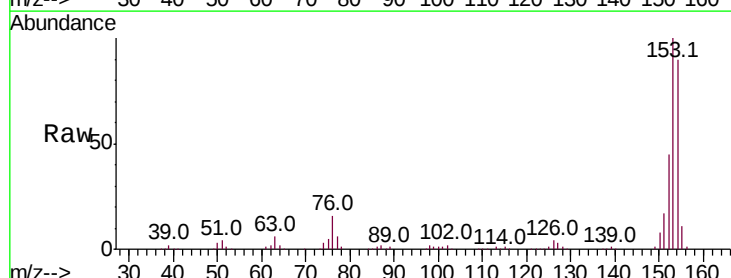
RT: 10.03 min Scan# 1351

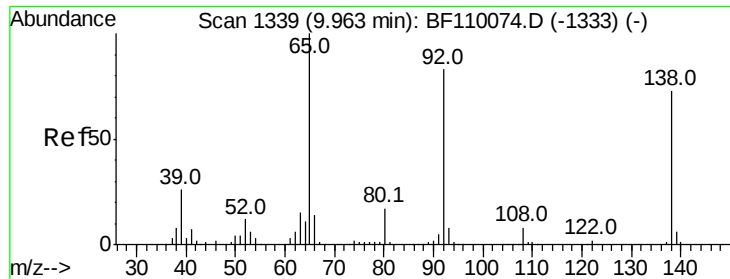
Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	154	Resp:	289767
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.1	135.1
152	49.7	43.4	65.2





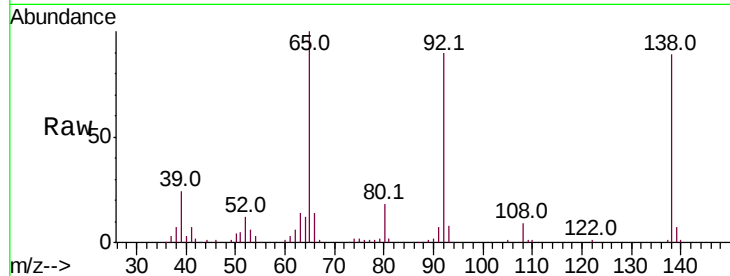
#53
3-Nitroaniline
Concen: 45.626 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.7	13.1
92	101.0	97.0	145.4

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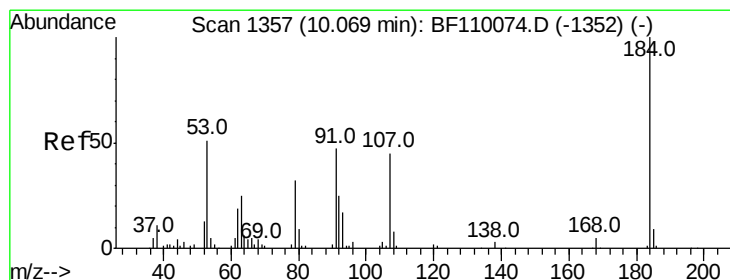
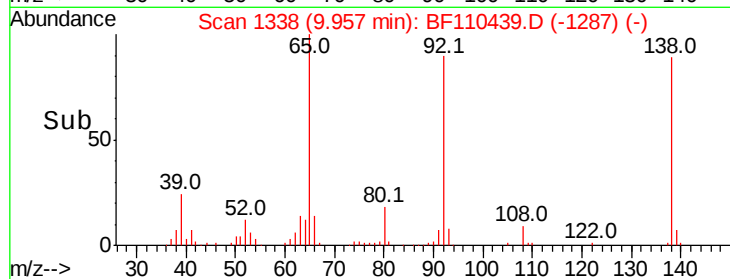
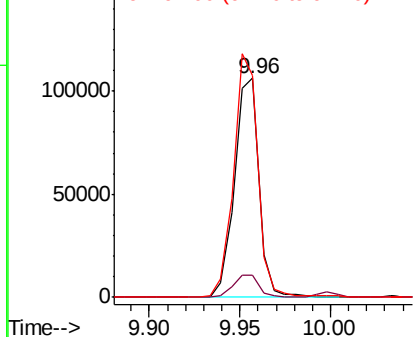


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 5.605 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

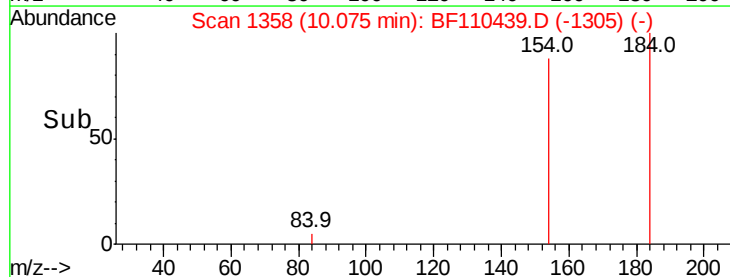
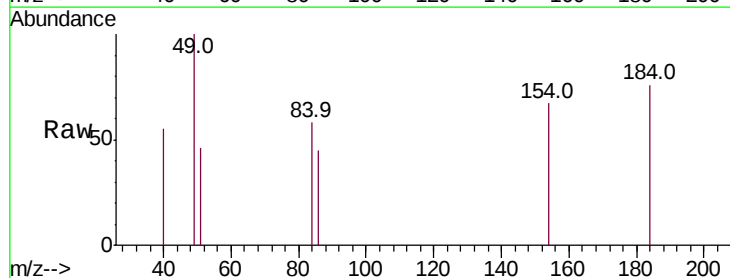
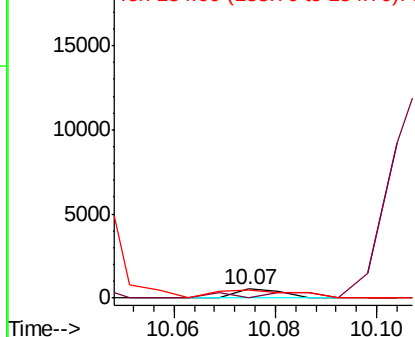
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	55.8	83.6#
154	88.1	63.2	94.8

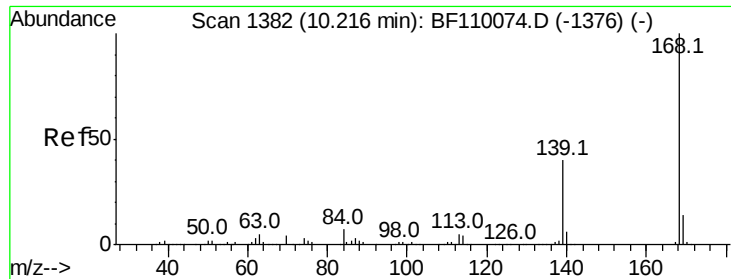
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





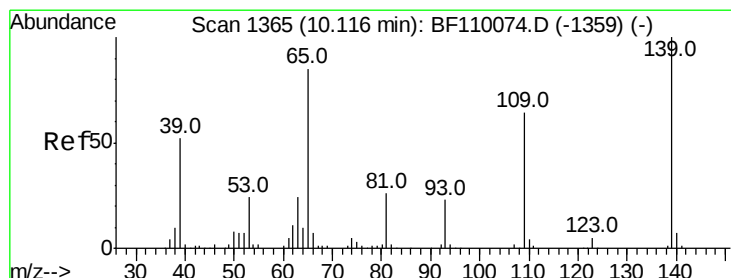
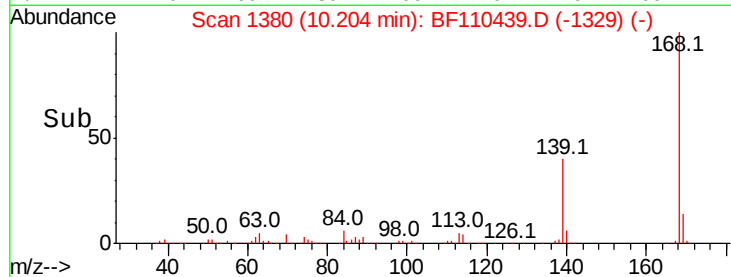
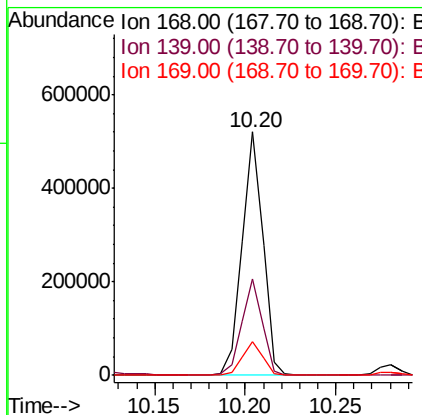
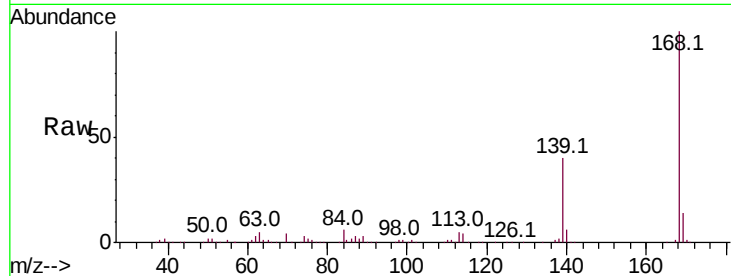
#55
Dibenzenofuran
Concen: 40.131 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.0	49.6
169	13.7	11.3	16.9

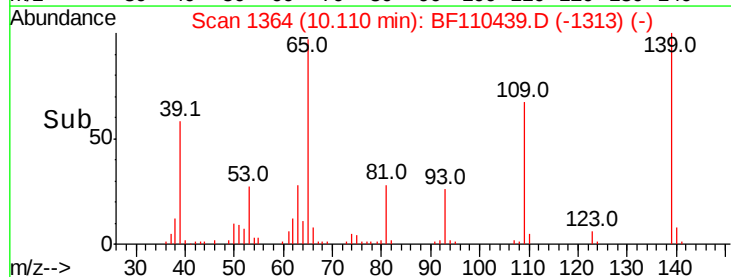
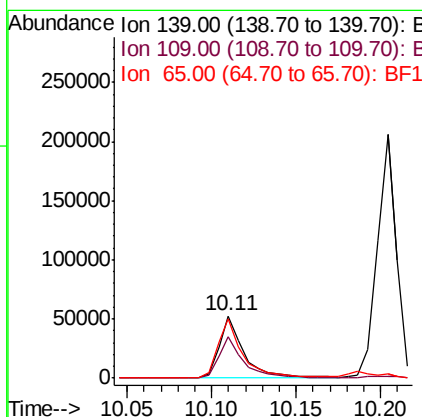
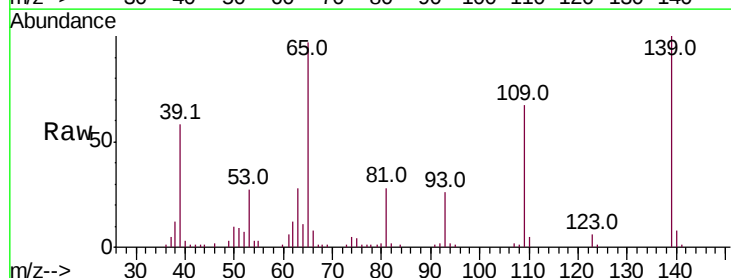
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#56
4-Nitrophenol
Concen: 32.658 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	55.8	95.8
65	96.7	77.9	117.9





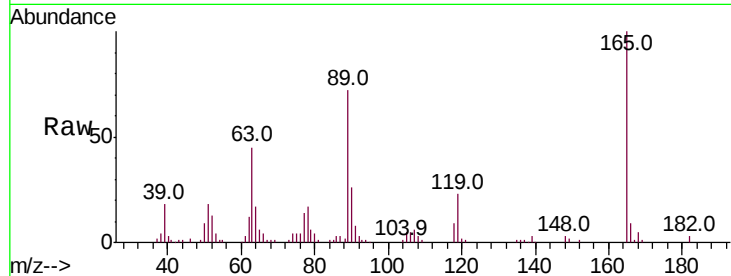
#57
2,4-Dinitrotoluene
Concen: 32.283 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	76108		
63	45.0		44.8	67.2
89	71.6		62.2	93.4
182	2.7		2.1	3.1

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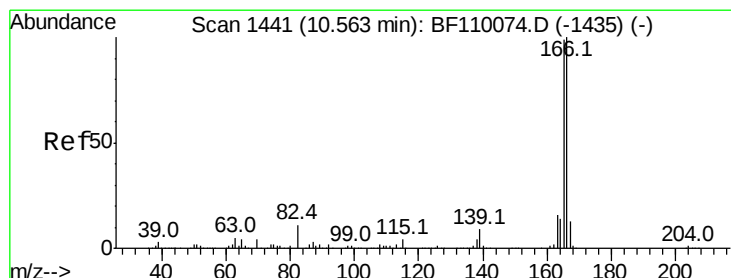
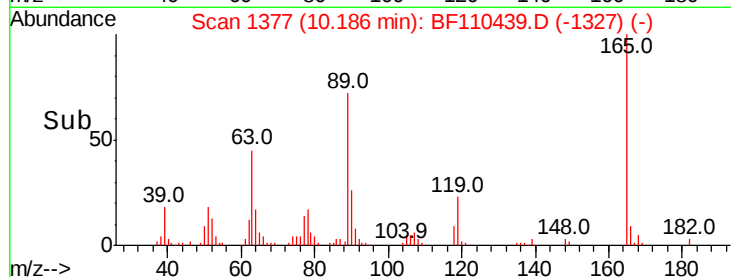
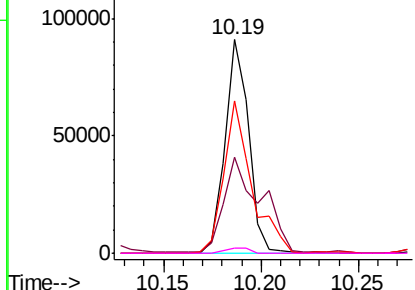
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.184 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

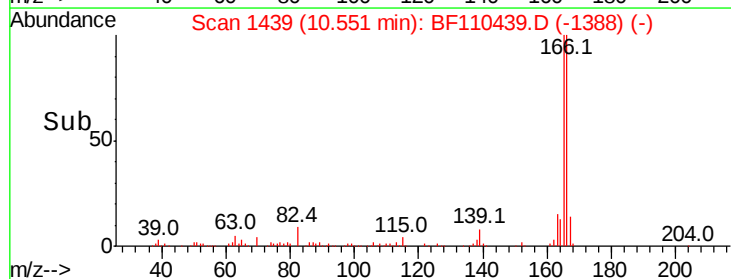
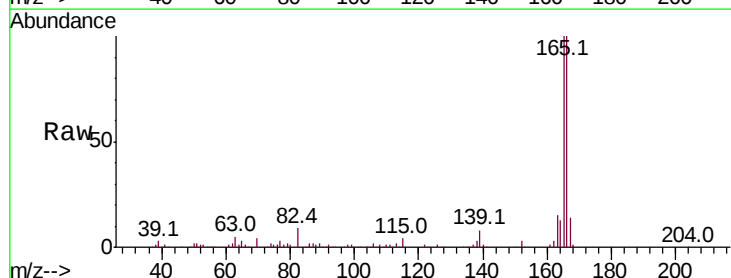
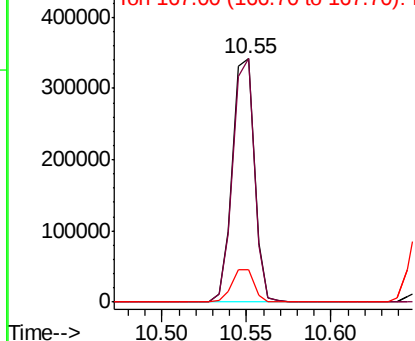
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	309782		
165	100.1		78.6	117.8
167	13.5		10.8	16.2

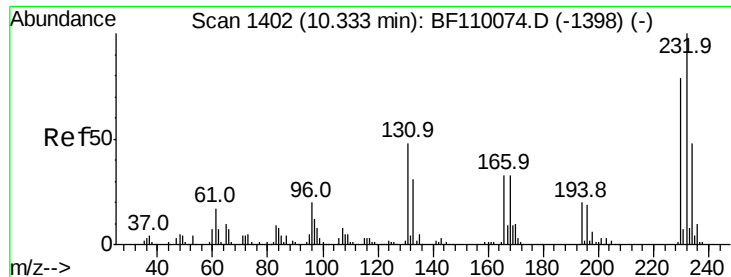
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





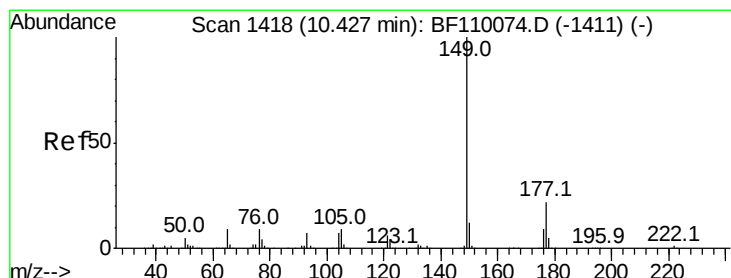
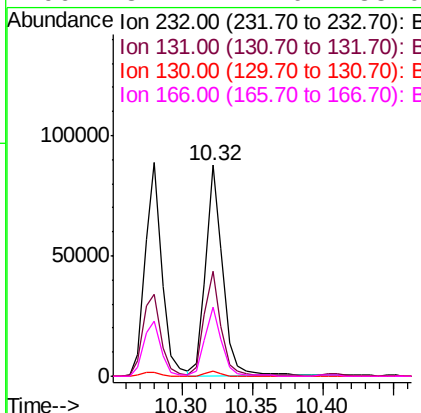
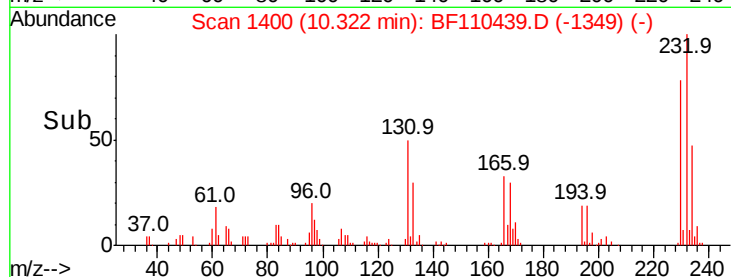
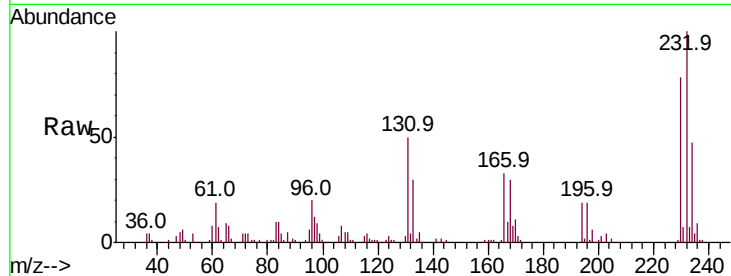
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.471 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	37.0	55.4
130	2.2	1.8	2.6
166	32.7	22.0	33.0

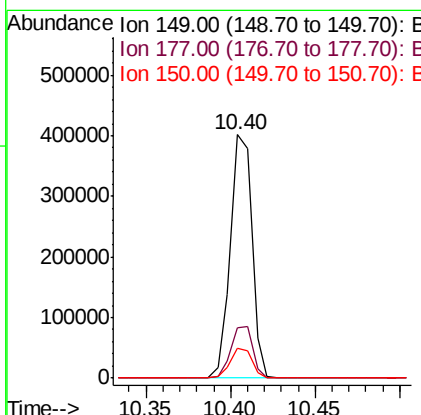
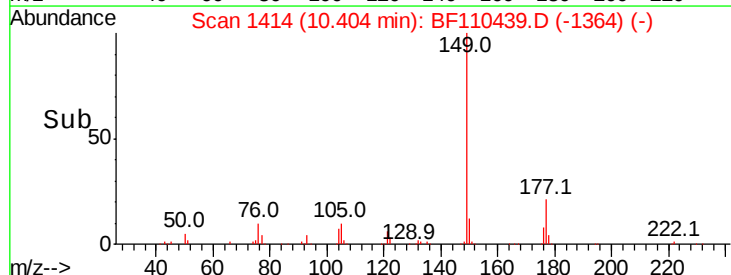
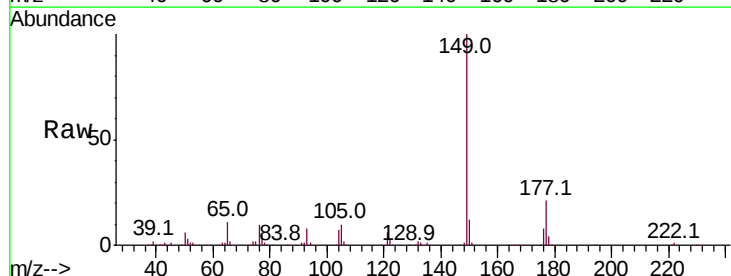
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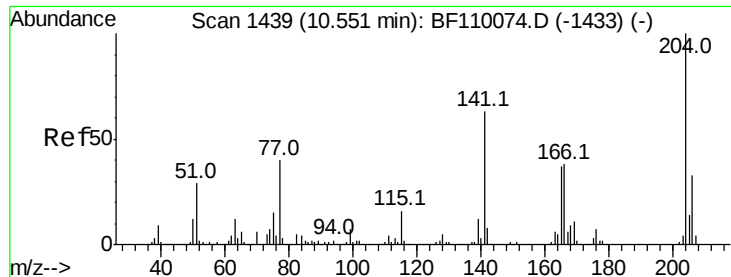
Sohil
 11/5/2018 4:01:41 PM



#60
 Diethylphthalate
 Concen: 42.445 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.4	26.2
150	12.4	9.8	14.8





#61

4-Chlorophenyl-phenylether

Concen: 41.126 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

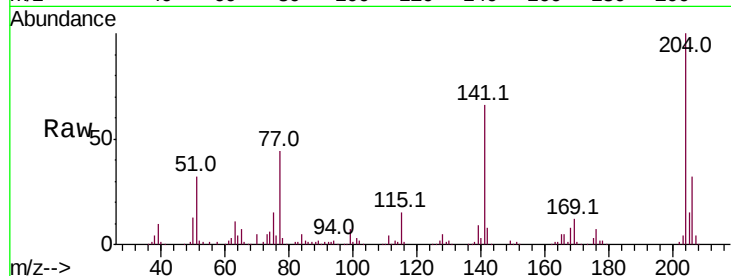
ClientSampleId :

SSTDCCC040

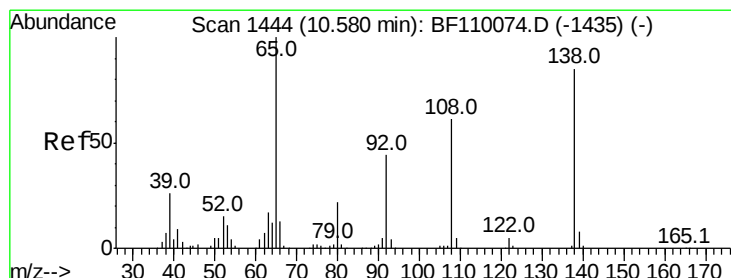
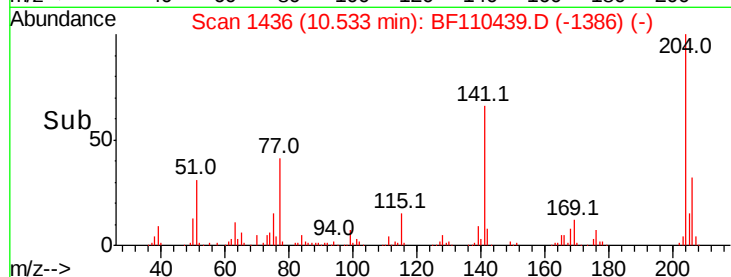
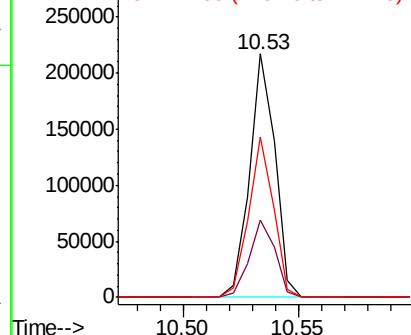
Tot Ion:	204	Resp:	167251
Ion Ratio	Lower	Upper	
204	100		
206	31.5	26.5	39.7
141	65.9	51.8	77.8

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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: 45.023 ng

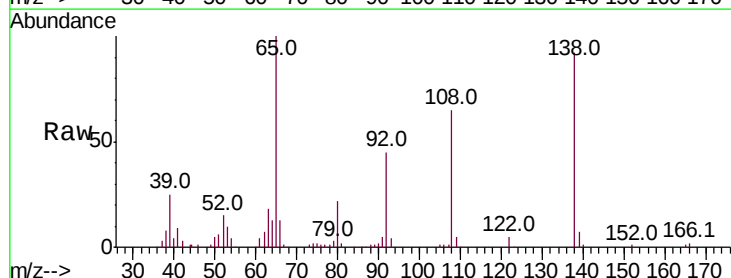
RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

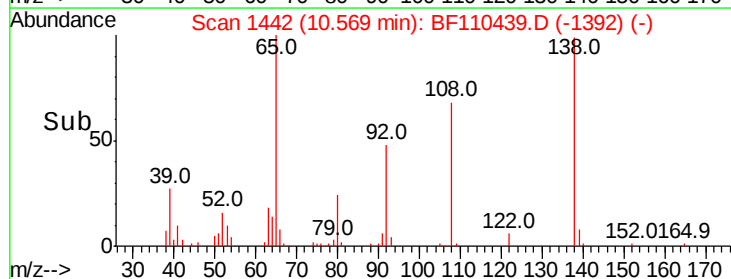
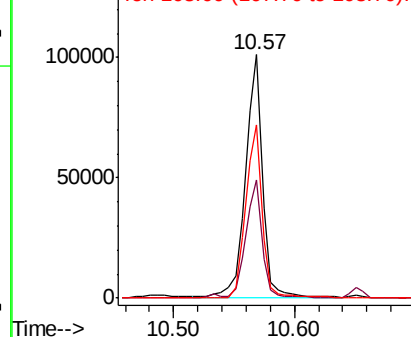
Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	138	Resp:	98836
Ion Ratio	Lower	Upper	
138	100		
92	48.8	31.7	71.7
108	71.2	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





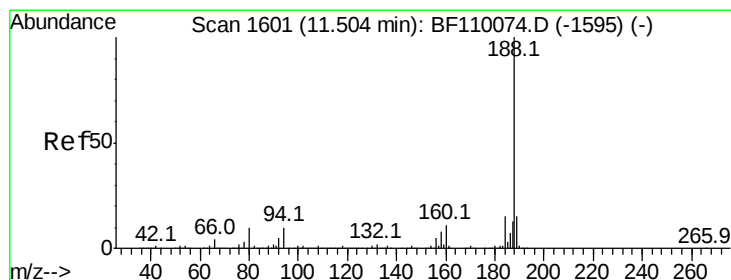
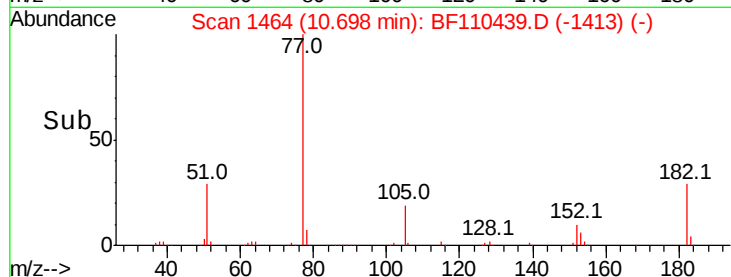
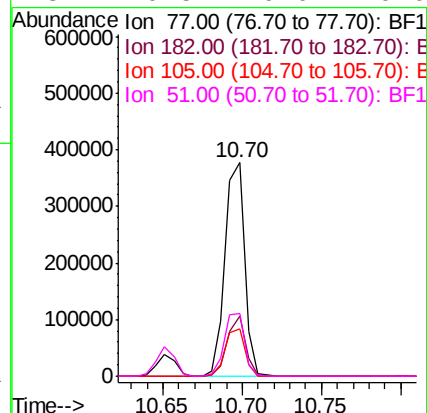
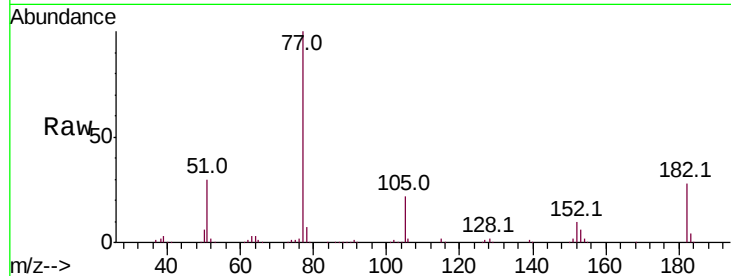
#63
Azobenzene
Concen: 38.900 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.2	4.3	44.3	
105	22.3	1.3	41.3	
51	29.5	9.0	49.0	

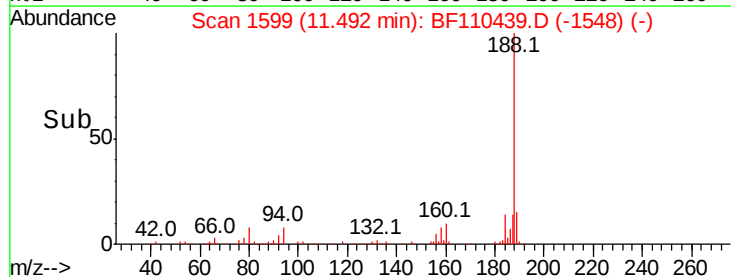
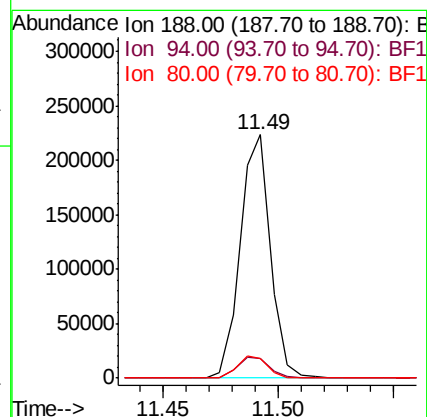
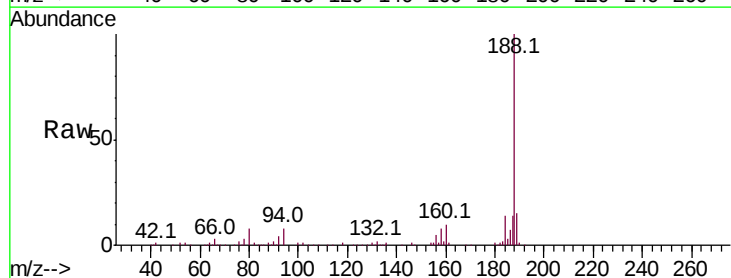
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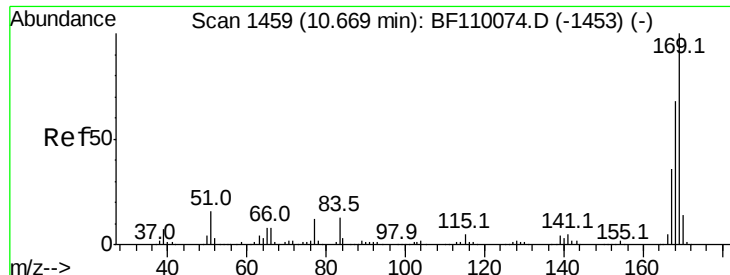
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

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





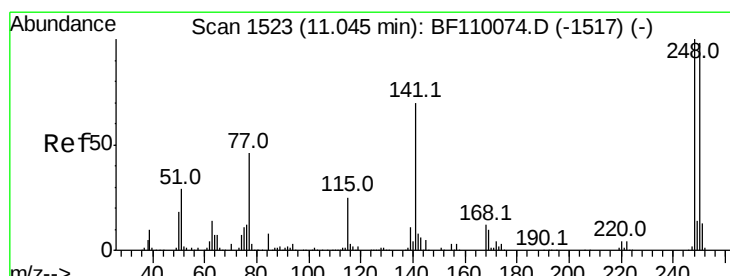
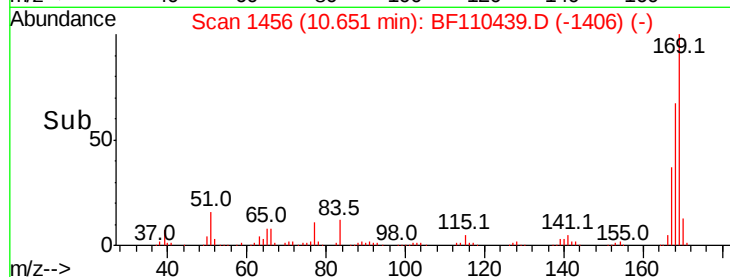
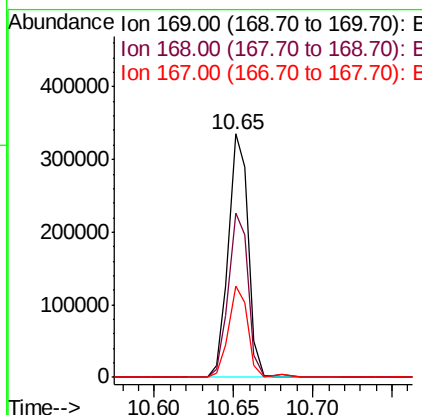
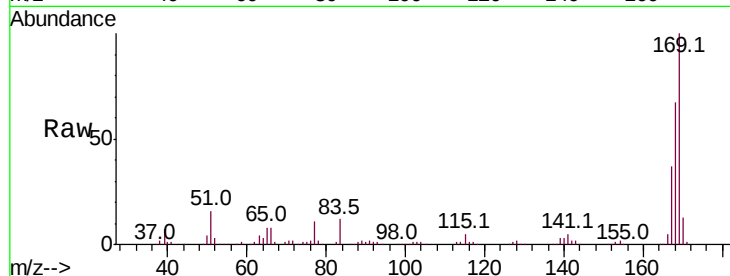
#66
 n-Nitrosodiphenylamine
 Concen: 43.608 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.3	51.2	76.8	
167	37.3	27.8	41.6	

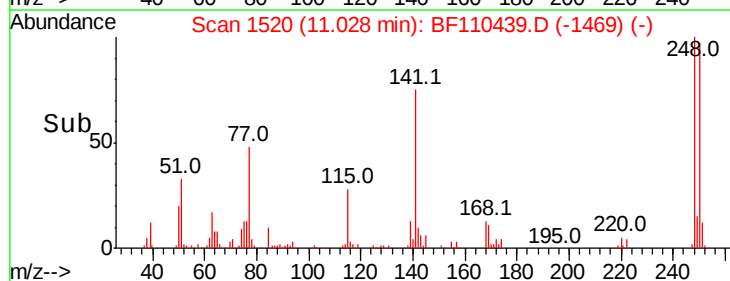
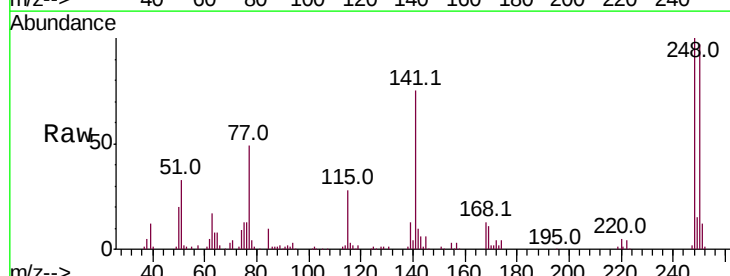
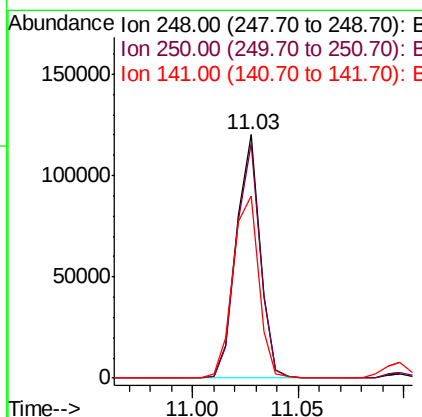
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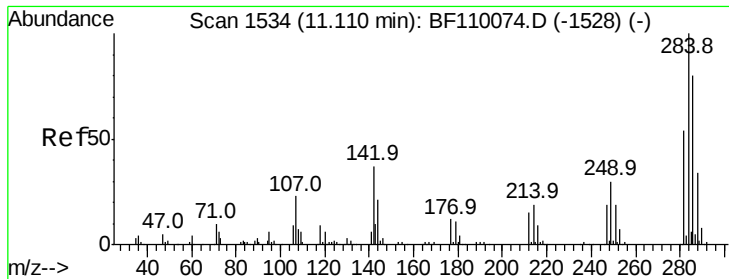
Sohil
 11/5/2018 4:01:41 PM



#67
 4-Bromophenyl-phenylether
 Concen: 42.293 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.5	79.4	119.2	
141	74.9	55.9	83.9	





#68

Hexachlorobenzene

Concen: 41.325 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

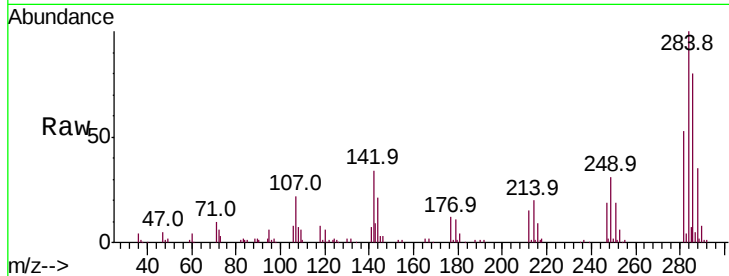
ClientSampleId :

SSTDCCC040

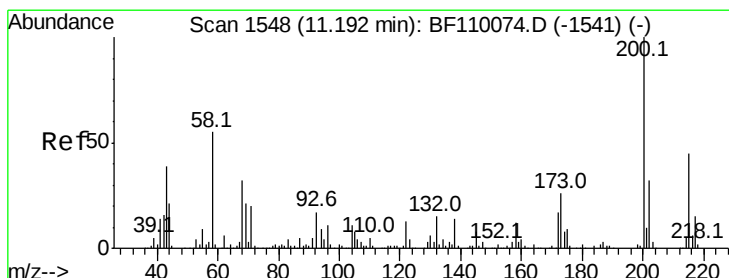
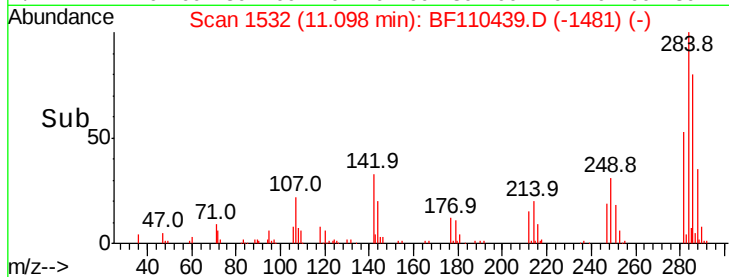
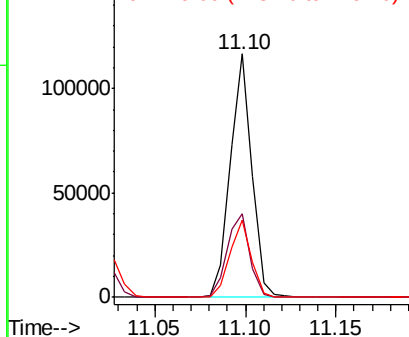
Tot Ion:	284	Resp:	96758
Ion Ratio	Lower	Upper	
284	100		
142	34.4	23.9	35.9
249	31.5	24.2	36.2

Manual Integrations
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11/5/2018 4:01:41 PM



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



#69

Atrazine

Concen: 34.165 ng

RT: 11.17 min Scan# 1545

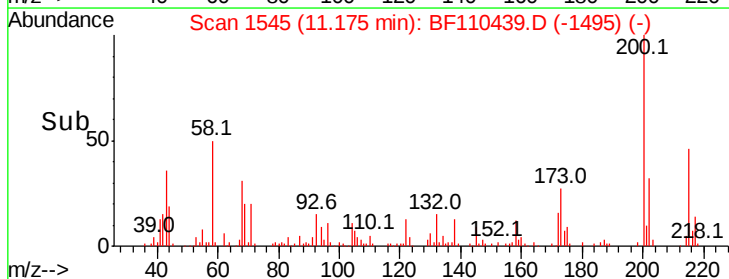
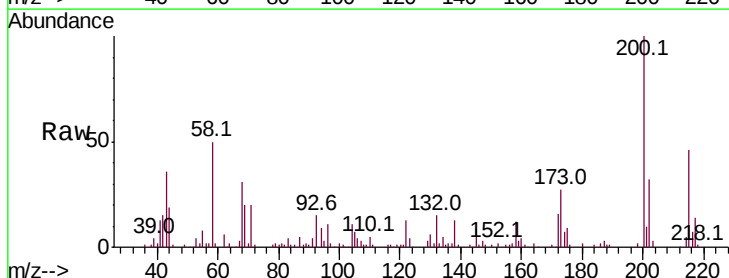
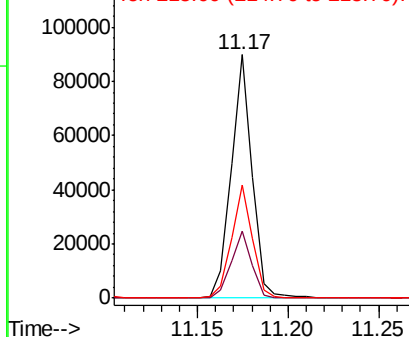
Delta R.T. -0.01 min

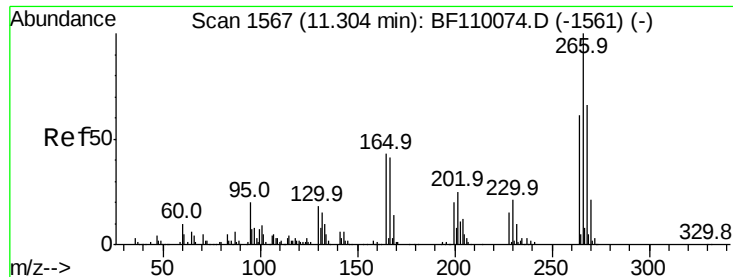
Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:	200	Resp:	72046
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.6	46.6
215	46.3	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





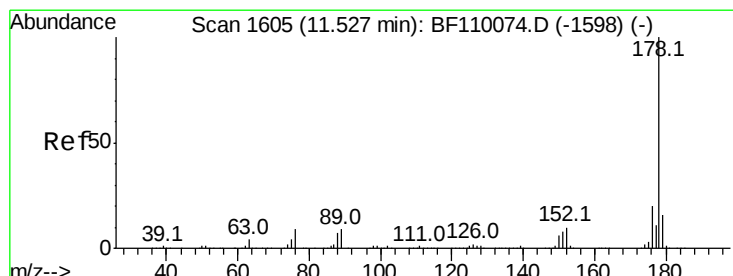
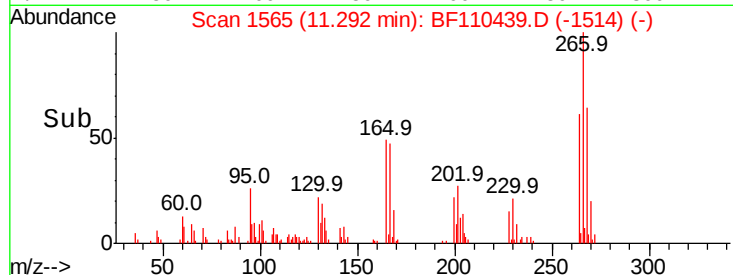
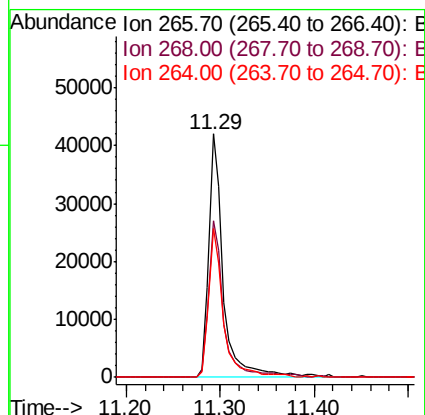
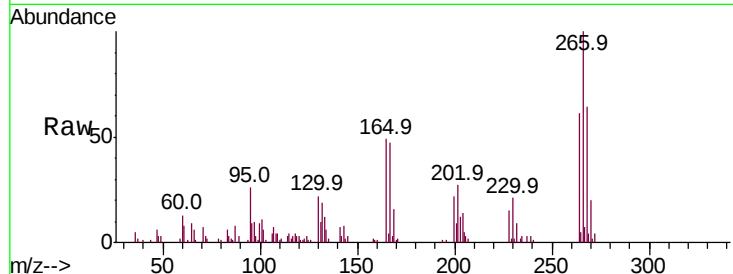
#70
 Pentachlorophenol
 Concen: 33.532 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.6	75.8
264	61.0	50.6	75.8

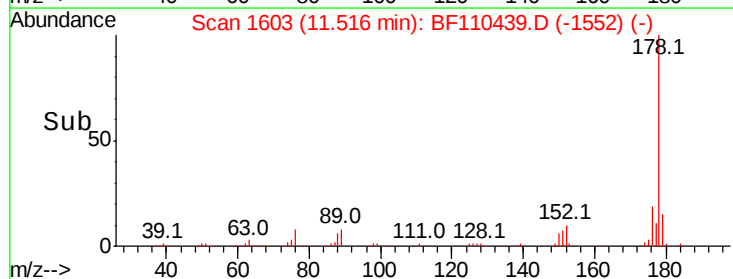
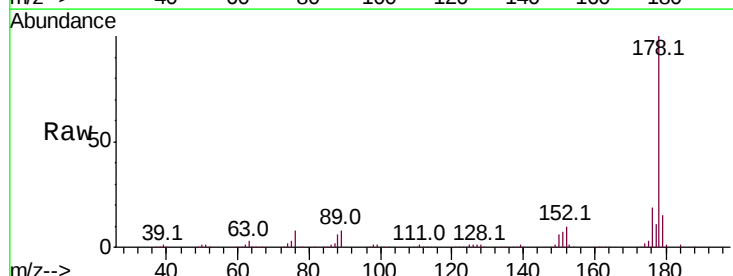
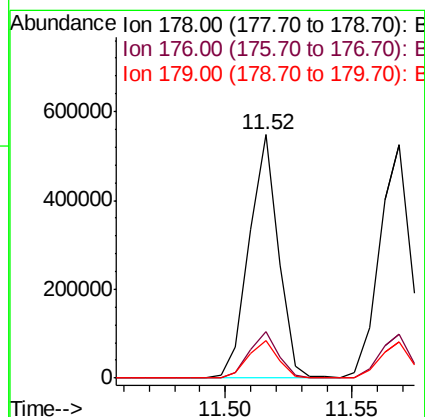
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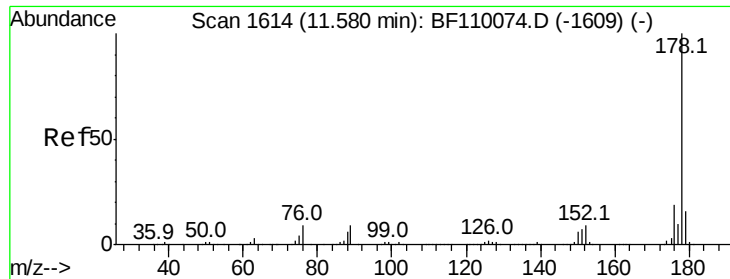
Sohil
 11/5/2018 4:01:41 PM



#71
 Phenanthrene
 Concen: 41.548 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.3	12.5	18.7





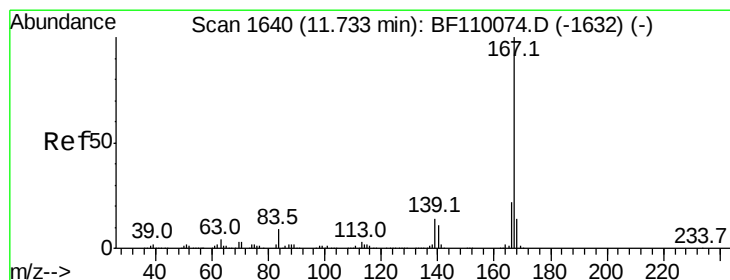
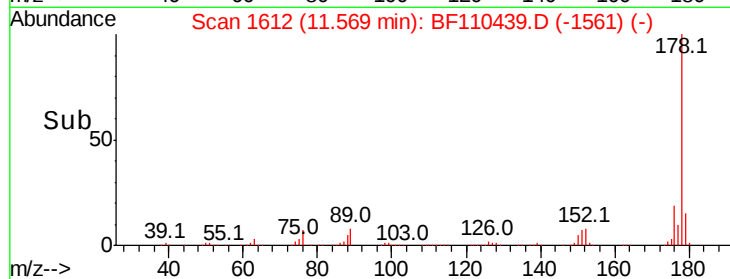
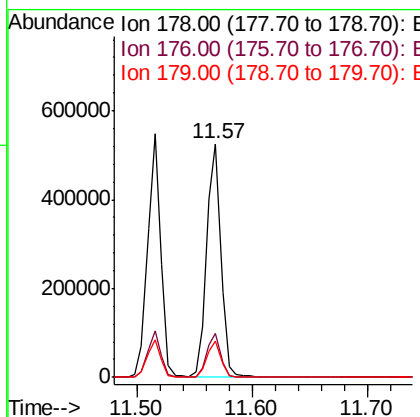
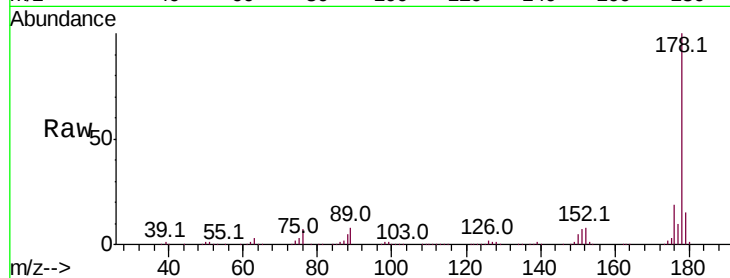
#72
 Anthracene
 Concen: 42.729 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	18.8

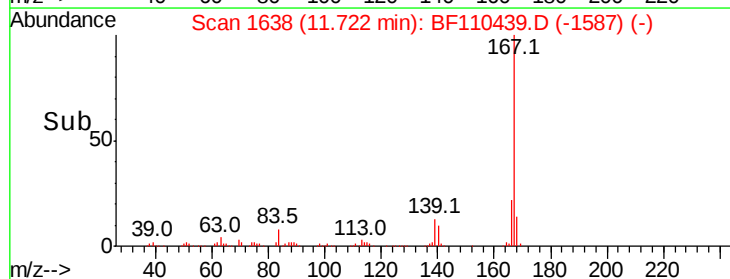
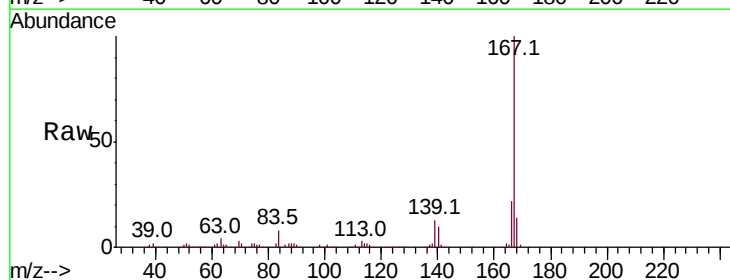
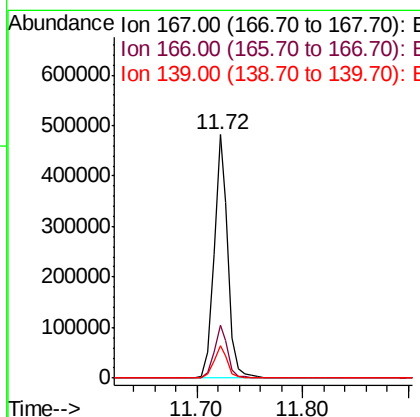
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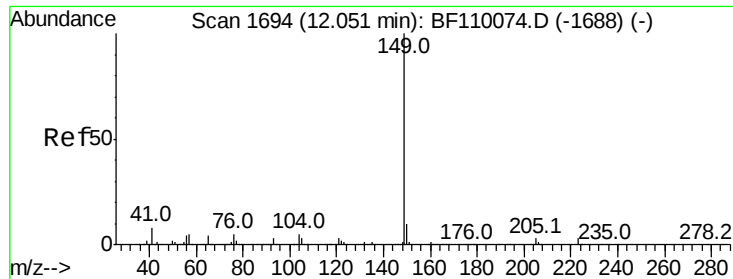
Sohil
 11/5/2018 4:01:41 PM



#73
 Carbazole
 Concen: 42.399 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.3	10.9	16.3





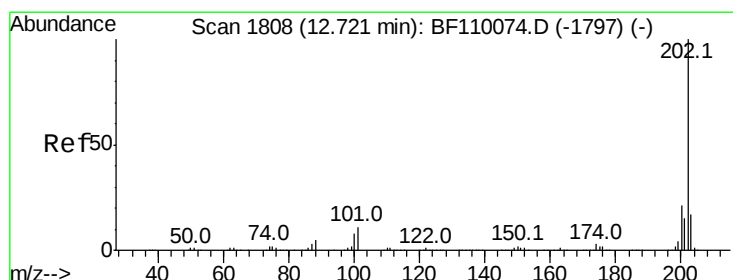
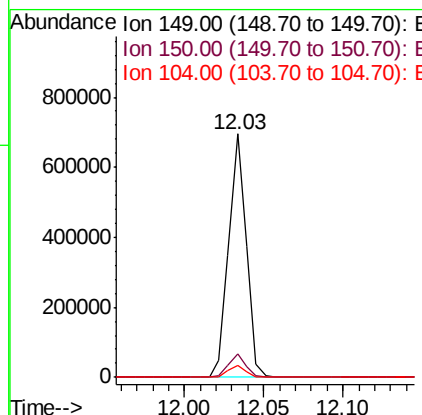
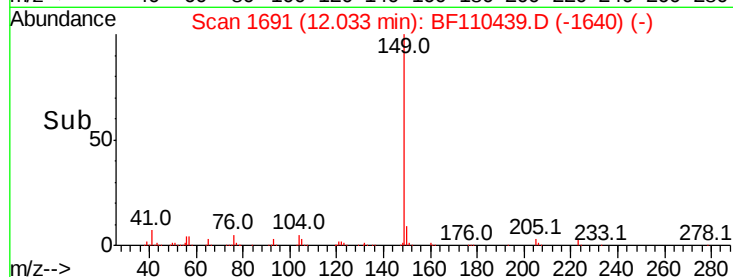
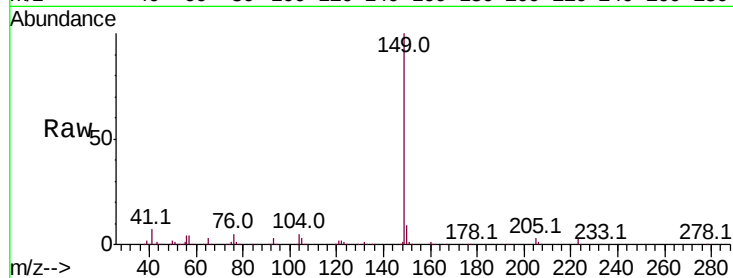
#74
Di-n-butylphthalate
Concen: 45.480 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.7	11.5	
104	4.8	4.2	6.4	

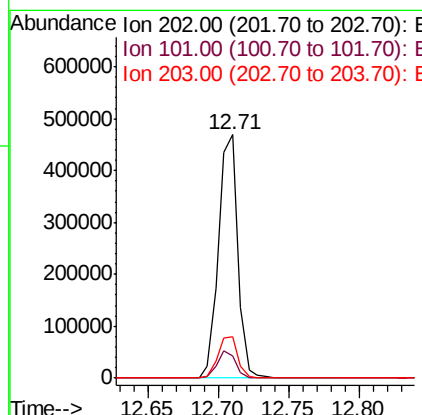
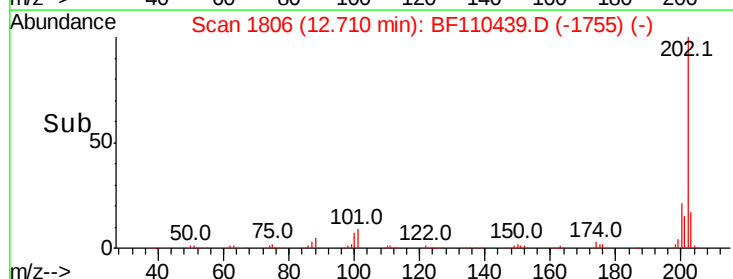
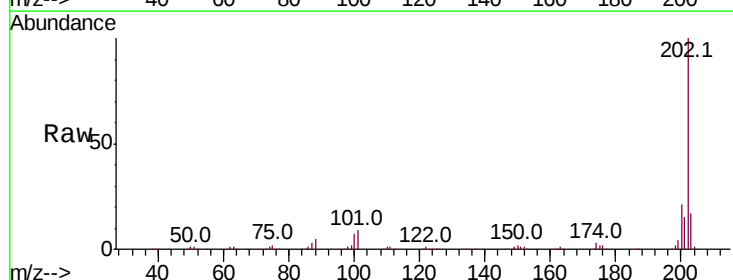
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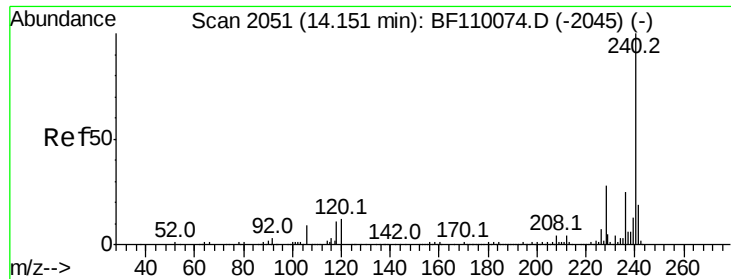
Sohil
11/5/2018 4:01:41 PM



#75
Fluoranthene
Concen: 41.501 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.2	0.0	31.4	
203	17.1	0.0	37.7	





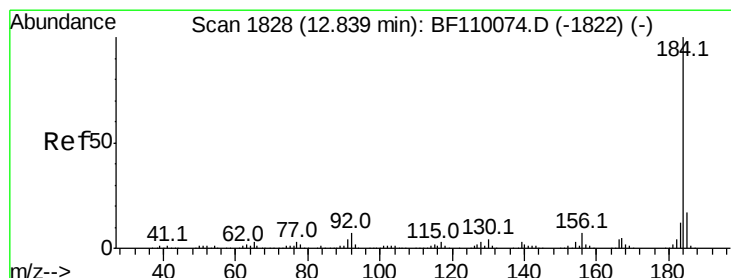
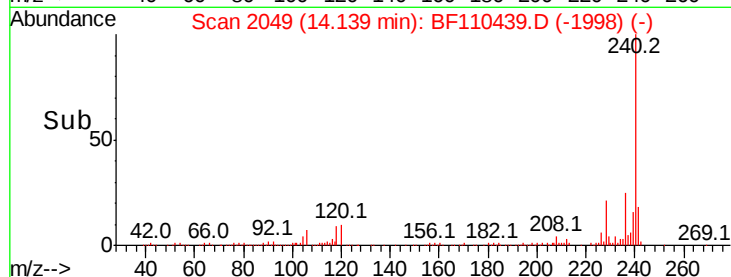
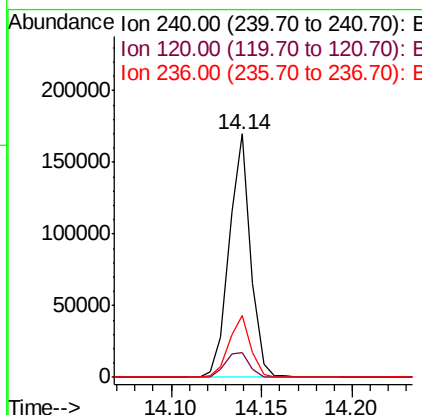
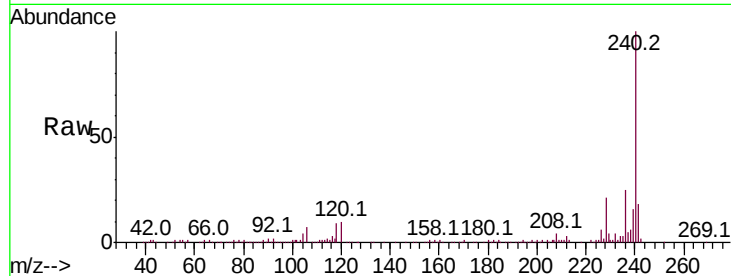
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.3	8.3	12.5	
236	25.3	21.2	31.8	

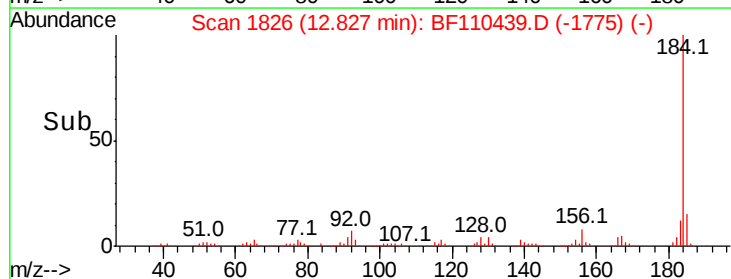
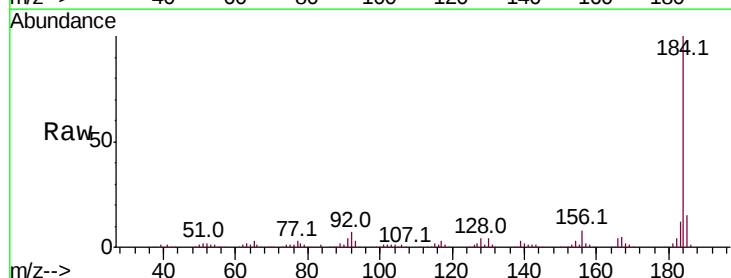
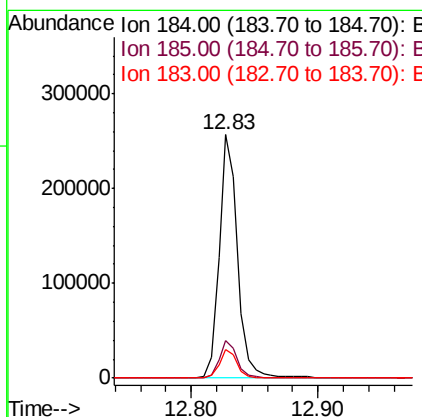
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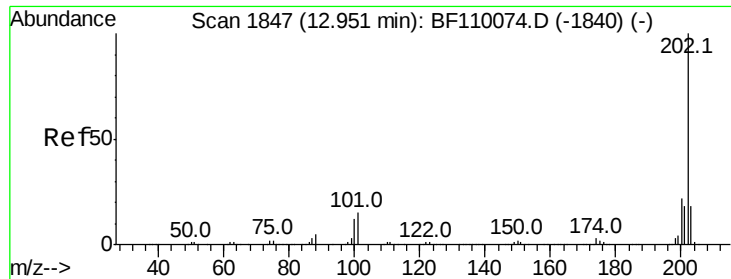
Sohil
 11/5/2018 4:01:41 PM



#77
 Benzidine
 Concen: Below Cal
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.4	13.4	20.2	
183	12.0	9.4	14.2	





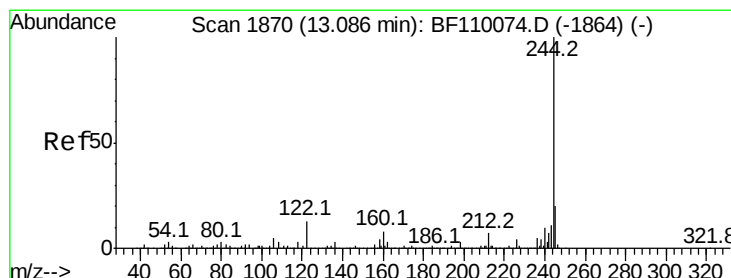
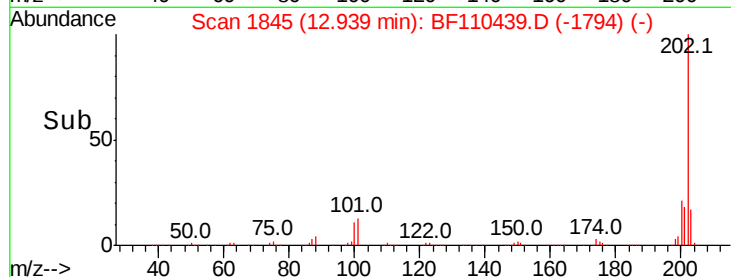
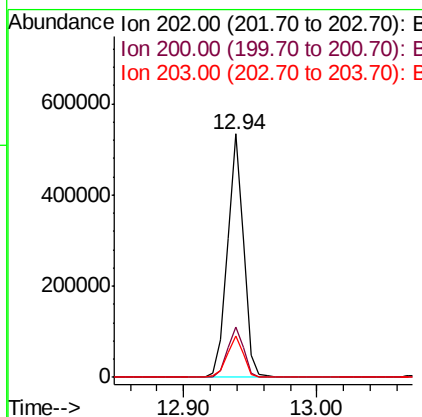
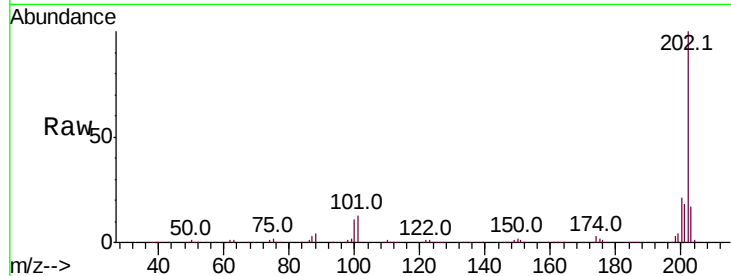
#78
Pvrene
Concen: 45.623 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	16.9	14.2	21.4

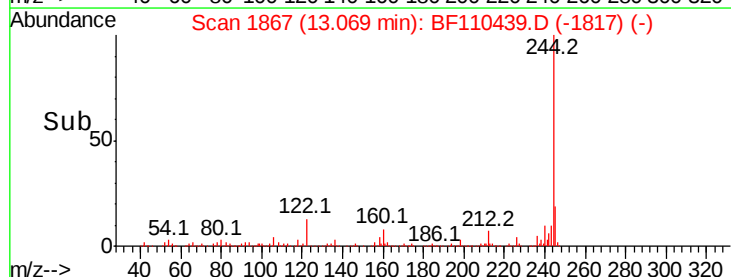
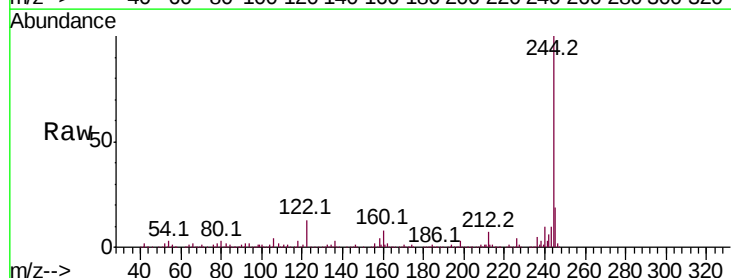
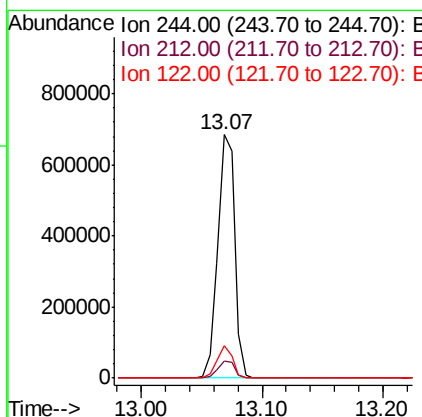
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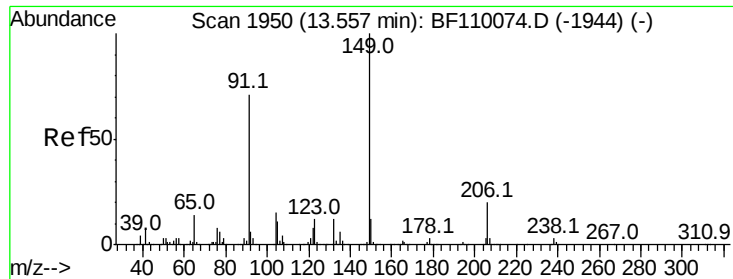
Sohil
11/5/2018 4:01:41 PM



#79
Terphenyl-d14
Concen: 97.816 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	8.7	13.1#





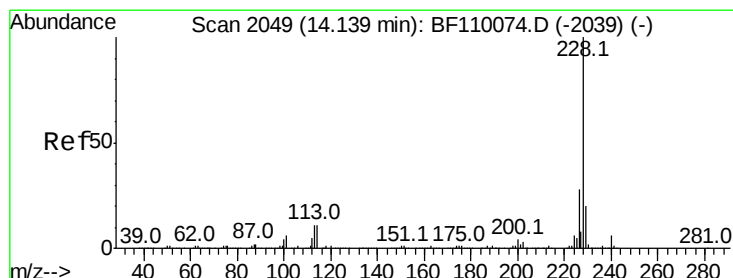
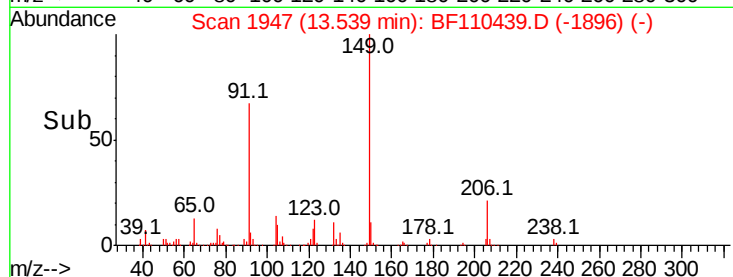
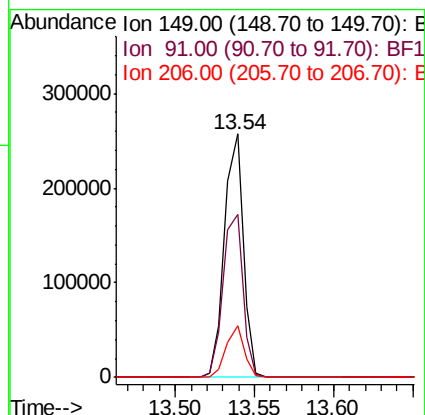
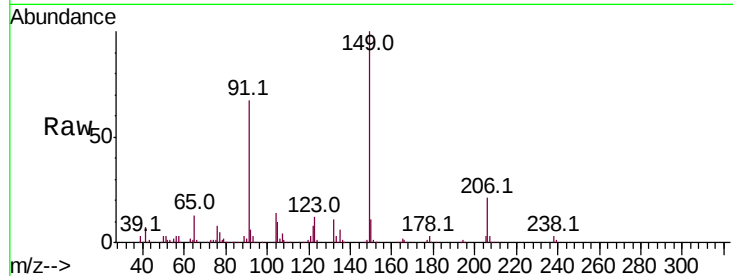
#80
Butylbenzylphthalate
Concen: 49.556 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	57.2	85.8
206	21.2	15.7	23.5

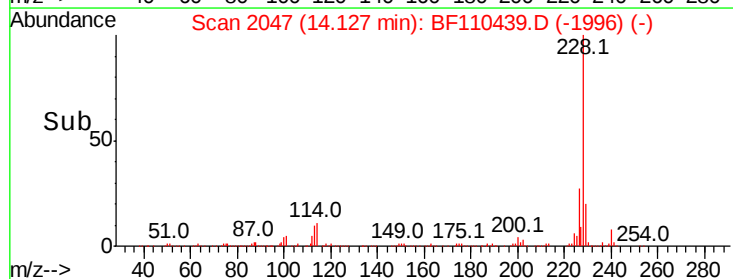
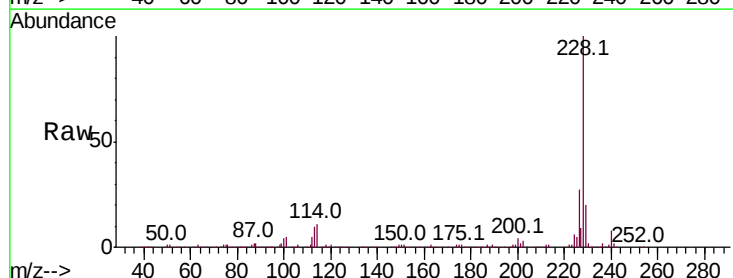
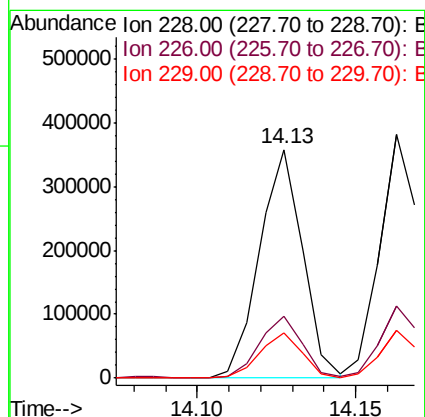
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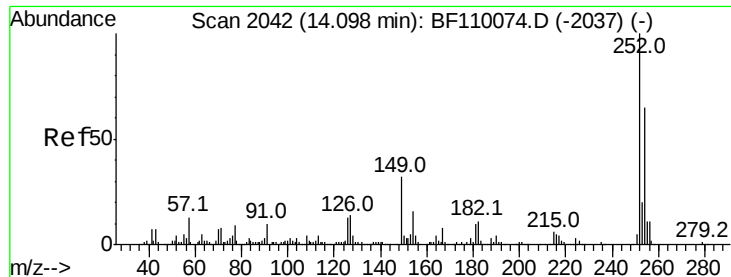
Sohil
11/5/2018 4:01:41 PM



#81
Benzo(a)anthracene
Concen: 40.839 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.9	15.6	23.4





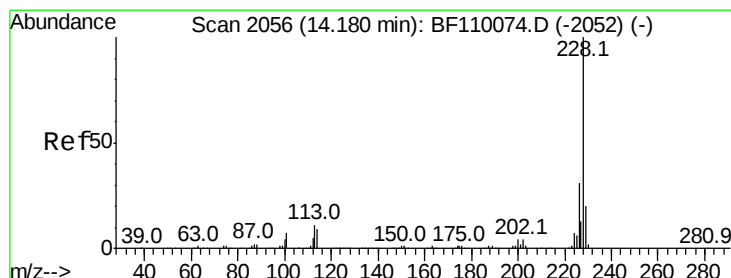
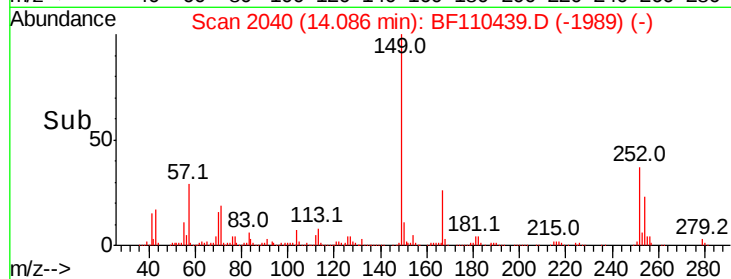
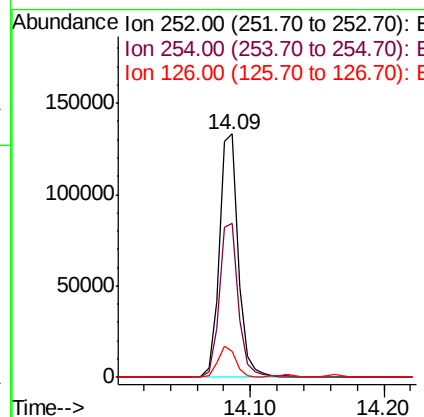
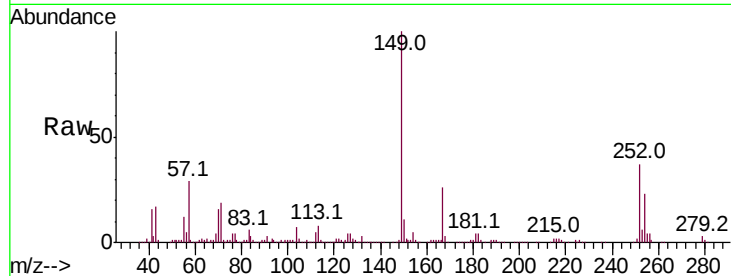
#82
 3,3'-Dichlorobenzidine
 Concen: 46.726 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	134616		
254	63.1	51.3	76.9	
126	10.5	9.4	14.2	

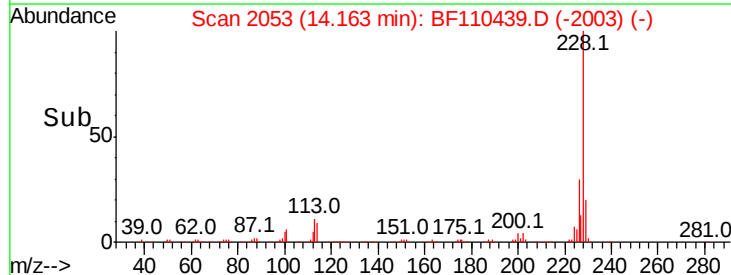
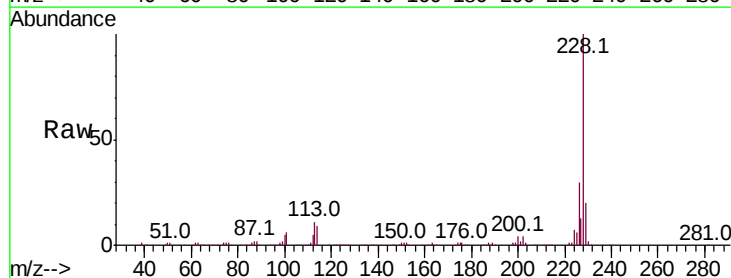
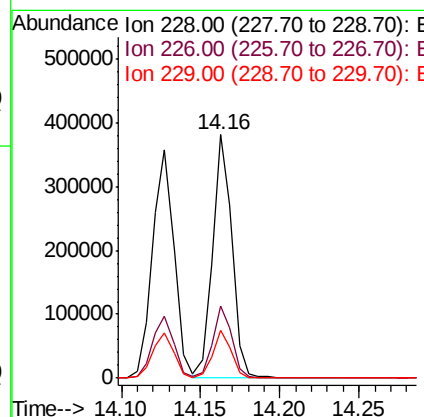
Manual Integrations
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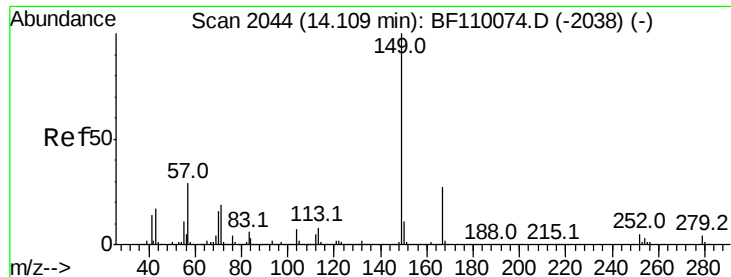
Sohil
 11/5/2018 4:01:41 PM



#83
 Chrysene
 Concen: 41.392 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	325269		
226	29.6	24.7	37.1	
229	19.7	15.9	23.9	





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.763 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

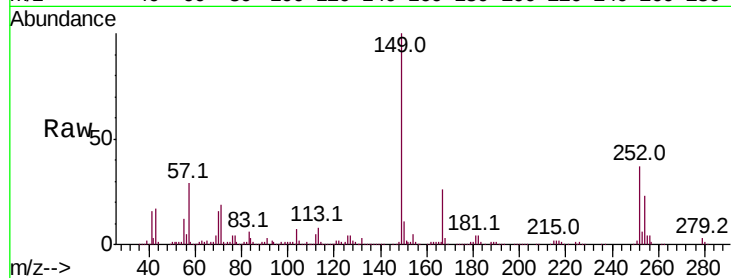
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	292036		
167	25.8	19.8	29.8	
279	3.1	2.7	4.1	

Manual Integrations
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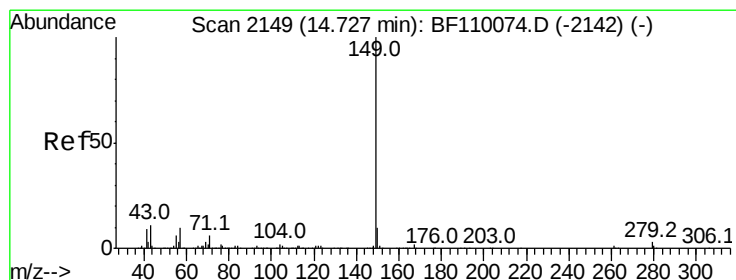
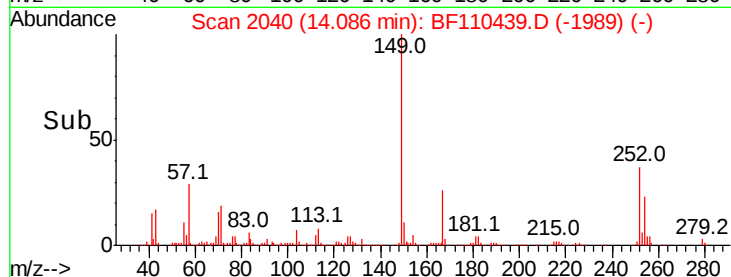
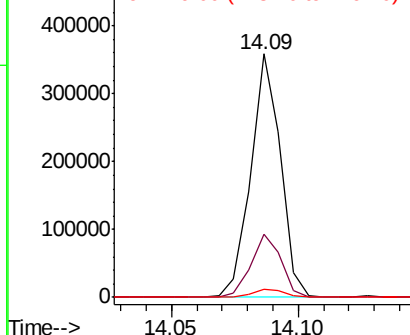


Abundance

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



#85

Di-n-octyl phthalate

Concen: 49.048 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

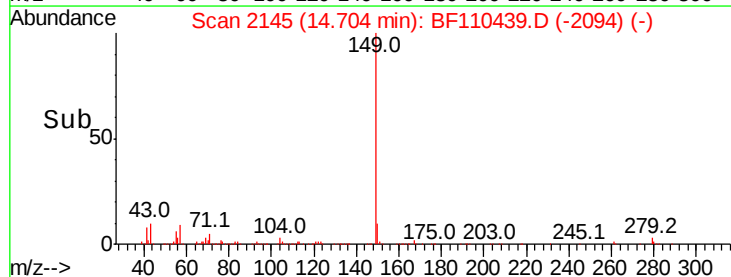
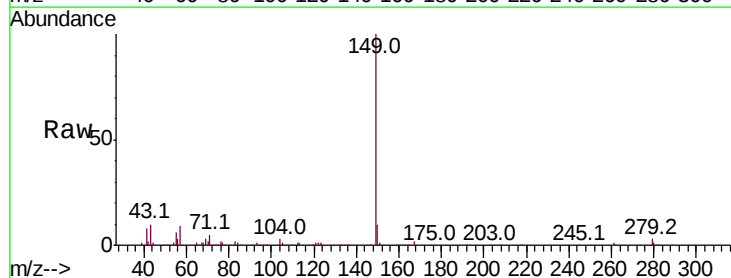
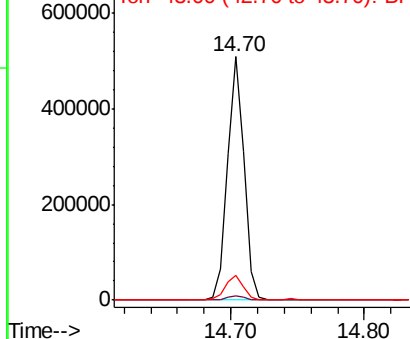
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	447574		
167	1.7	1.1	1.7	
43	10.2	7.8	11.8	

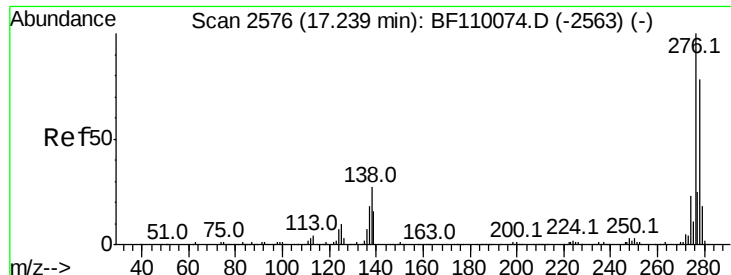
Abundance

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





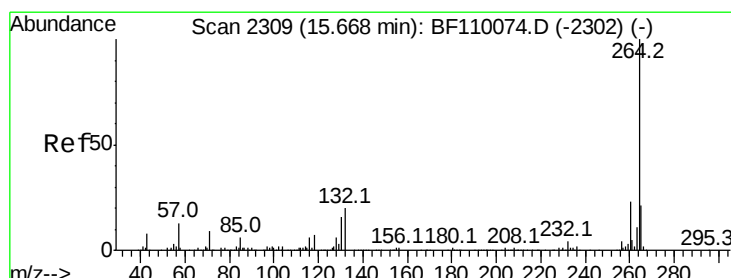
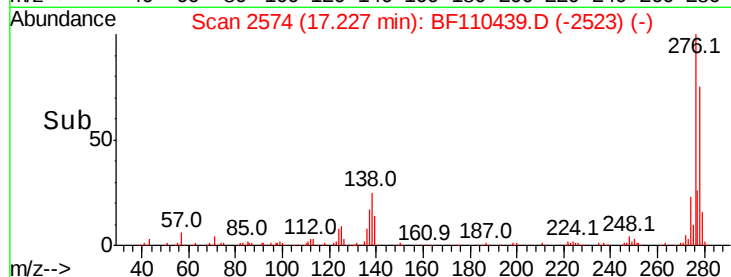
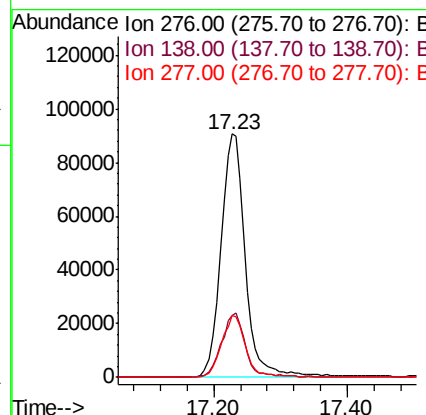
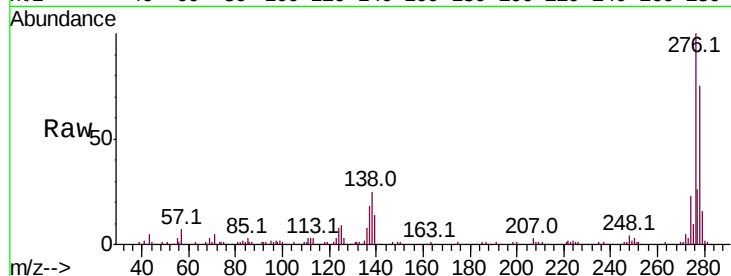
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.850 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.5	27.7
277	25.2	20.0	30.0

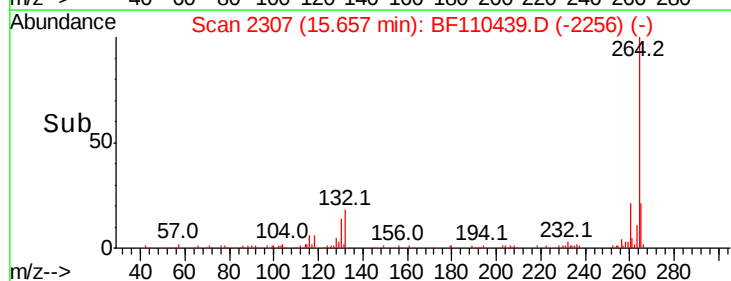
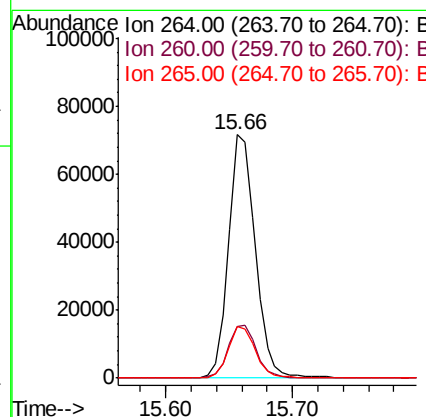
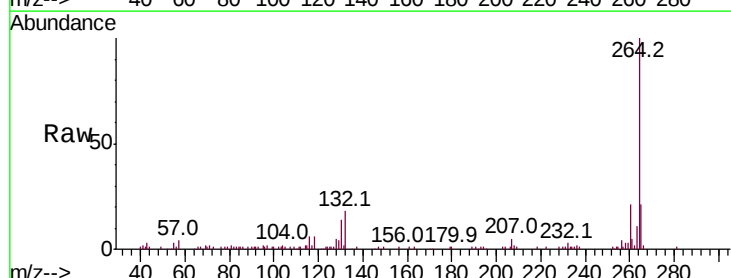
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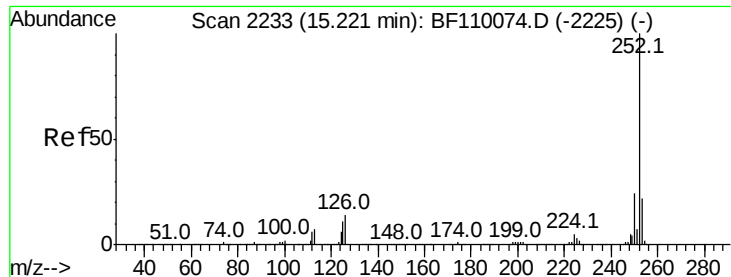
Sohil
 11/5/2018 4:01:41 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.7	28.1
265	21.1	16.7	25.1





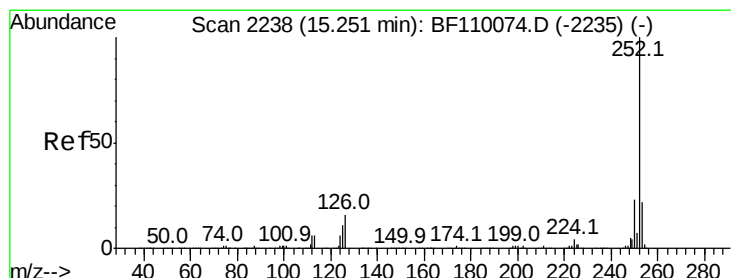
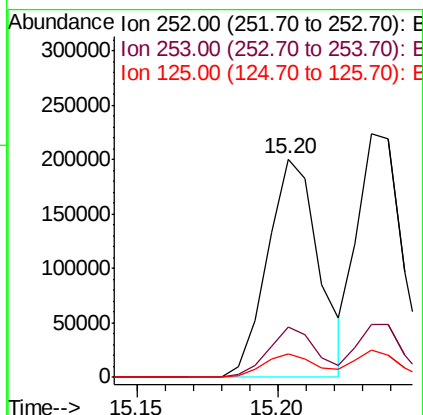
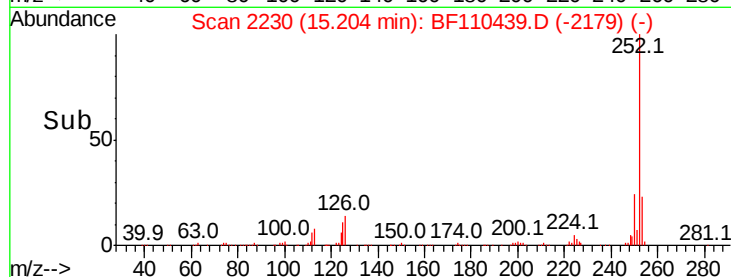
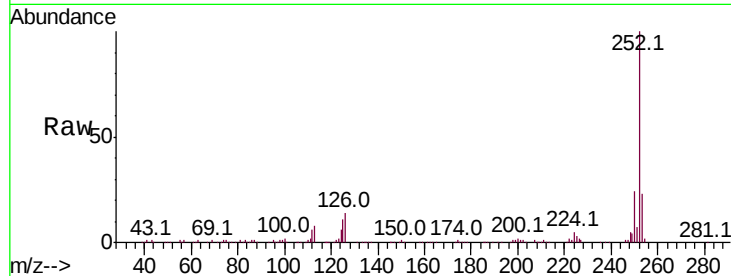
#88
Benzo(b)fluoranthene
Concen: 42.049 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.0	8.2	12.4

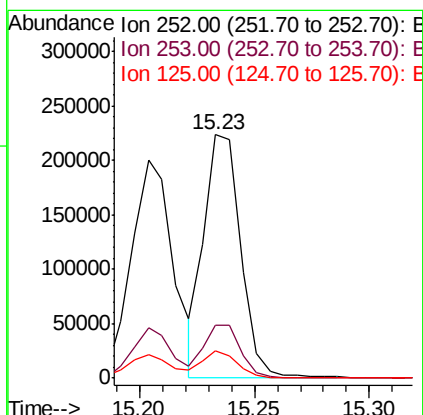
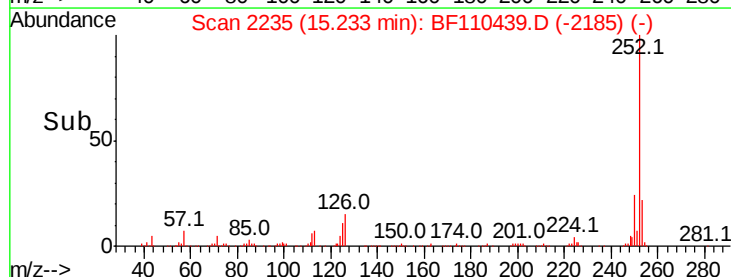
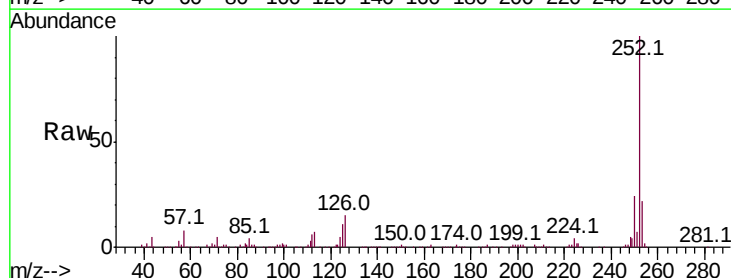
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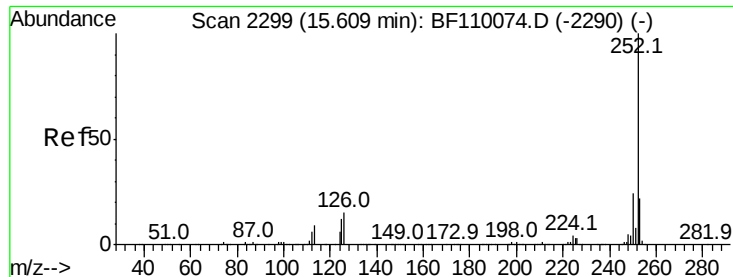
Sohil
11/5/2018 4:01:41 PM



#89
Benzo(k)fluoranthene
Concen: 41.720 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	7.4	11.0#





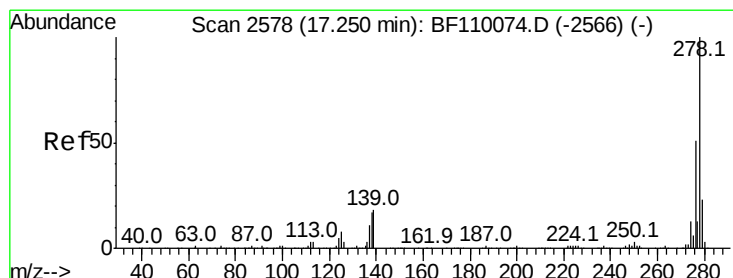
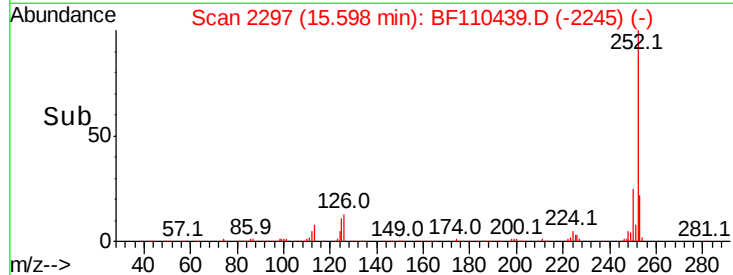
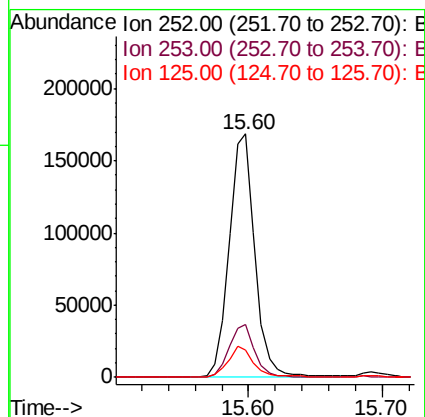
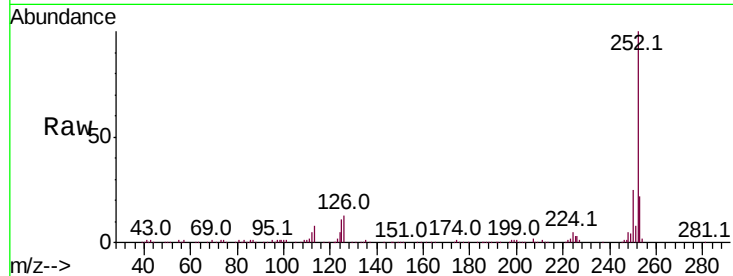
#90
Benzo(a)pyrene
Concen: 41.075 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.4	9.0	13.6

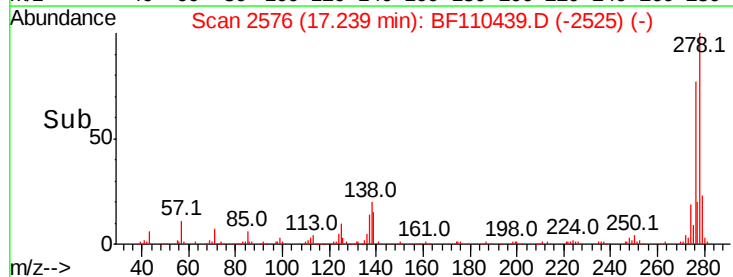
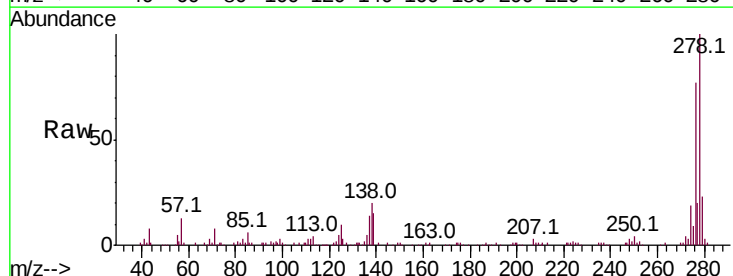
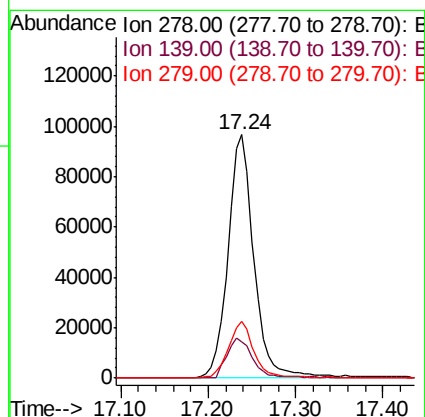
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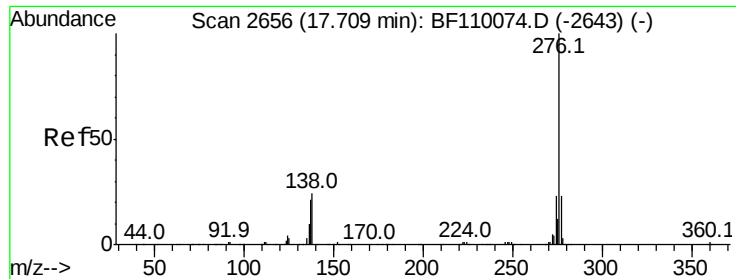
Sohil
11/5/2018 4:01:41 PM



#91
Dibenzo(a,h)anthracene
Concen: 40.998 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	23.2	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 37.963 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.7	16.0	24.0

Manual Integrations
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Sohil
 11/5/2018 4:01:41 PM

