

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110987.D
 Acq On : 27 Nov 2018 2:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:48:21 AM

Quant Time: Nov 27 06:47:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:42:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	51921	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	194872	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	74239	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	129213	20.00	ng	0.00
76) Chrysene-d12	14.13	240	77392	20.00	ng	0.00
87) Perylene-d12	15.67	264	58018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	273282	87.28	ng	0.00
7) Phenol-d6	6.57	99	330954	81.11	ng	0.00
23) Nitrobenzene-d5	7.51	82	290495	85.31	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	55165	74.82	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	482041	94.07	ng	0.00
79) Terphenyl-d14	13.06	244	408513	102.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	65916	43.944	ng	91
3) Pyridine	3.55	79	137385	41.826	ng	# 82
4) n-Nitrosodimethylamine	3.50	42	60226	40.071	ng	85
6) Aniline	6.60	93	204920	40.627	ng	# 56
8) 2-Chlorophenol	6.73	128	150329	40.514	ng	98
9) Benzaldehyde	6.50	77	94636	44.808	ng	97
10) Phenol	6.59	94	187629	40.833	ng	# 64
11) bis(2-Chloroethyl)ether	6.67	93	144911	41.860	ng	95
12) 1,3-Dichlorobenzene	6.88	146	164648	40.391	ng	97
13) 1,4-Dichlorobenzene	6.96	146	167582	39.978	ng	99
14) 1,2-Dichlorobenzene	7.11	146	153714	38.961	ng	99
15) Benzyl Alcohol	7.09	79	116552	37.170	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	216542	39.305	ng	81
17) 2-Methylphenol	7.19	107	114657	38.864	ng	# 85
18) Hexachloroethane	7.44	117	40067	25.984	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	103636	38.993	ng	95
20) 3+4-Methylphenols	7.35	107	148644	37.902	ng	# 71
22) Acetophenone	7.35	105	200462	43.886	ng	# 94
24) Nitrobenzene	7.53	77	146112	41.264	ng	93
25) Isophorone	7.76	82	228841	40.971	ng	98
26) 2-Nitrophenol	7.85	139	50309	29.244	ng	98
27) 2,4-Dimethylphenol	7.87	122	110350	42.476	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	159324	42.579	ng	99
29) 2,4-Dichlorophenol	8.09	162	108509	39.914	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	124970	41.018	ng	96
31) Naphthalene	8.25	128	362862	39.723	ng	99
32) Benzoic acid	7.99	122	37967m	19.656	ng	
33) 4-Chloroaniline	8.30	127	156754	40.317	ng	99
34) Hexachlorobutadiene	8.35	225	73408	42.303	ng	99
35) Caprolactam	8.67	113	32816	35.357	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	109603	36.285	ng	94
37) 2-Methylnaphthalene	8.93	142	222834	36.932	ng	98
38) 1-Methylnaphthalene	9.03	142	210222m	35.820	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	107147	45.880	ng	98

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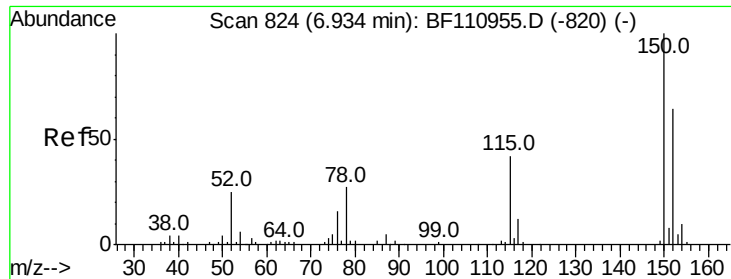
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	62714	44.963	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	63037	42.922	nq	93
46) 1,1'-Biphenyl	9.40	154	308836	45.123	nq	98
47) 2-Chloronaphthalene	9.43	162	214356	43.194	nq	98
48) 2-Nitroaniline	9.53	65	74509	48.001	nq	98
49) Acenaphthylene	9.85	152	294412	41.721	nq	99
50) Dimethylphthalate	9.69	163	245888	45.161	nq	99
51) 2,6-Dinitrotoluene	9.77	165	38774	31.989	nq	91
52) Acenaphthene	10.02	154	181761	40.179	nq	96
53) 3-Nitroaniline	9.95	138	67167	47.544	nq	90
55) Dibenzofuran	10.19	168	264361	40.057	nq	99
56) 4-Nitrophenol	10.13	139	23270	32.298	nq	96
57) 2,4-Dinitrotoluene	10.19	165	42227	26.852	nq #	70
58) Fluorene	10.53	166	201260	39.196	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	45336	37.614	nq	93
60) Diethylphthalate	10.39	149	234552	41.774	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	107931	40.187	nq	98
62) 4-Nitroaniline	10.57	138	62214	47.298	nq	95
63) Azobenzene	10.68	77	201141	36.754	nq	96
66) n-Nitrosodiphenylamine	10.64	169	186160	43.278	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	59688	42.415	nq	95
68) Hexachlorobenzene	11.09	284	62043	41.392	nq	95
69) Atrazine	11.16	200	44963	35.384	nq	97
70) Pentachlorophenol	11.29	266	22745	38.141	nq	95
71) Phenanthrene	11.50	178	279391	40.826	nq	98
72) Anthracene	11.56	178	287419	41.240	nq	98
73) Carbazole	11.72	167	278610	41.186	nq	99
74) Di-n-butylphthalate	12.02	149	344677	43.580	nq	99
75) Fluoranthene	12.70	202	276640	39.331	nq	98
77) Benzidine	12.82	184	157284	79.455	nq	97
78) Pyrene	12.93	202	274560	48.573	nq	97
80) Butylbenzylphthalate	13.52	149	130821	51.262	nq	98
81) Benzo(a)anthracene	14.12	228	187766	41.095	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	78290	49.971	nq	99
83) Chrysene	14.16	228	180055	40.031	nq	97
84) Bis(2-ethylhexyl)phthalate	14.07	149	171017	50.292	nq	98
85) Di-n-octyl phthalate	14.69	149	247720	46.150	nq	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	135704	42.032	nq	98
88) Benzo(b)fluoranthene	15.21	252	140179	41.128	nq	98
89) Benzo(k)fluoranthene	15.24	252	138954	39.609	nq	99
90) Benzo(a)pyrene	15.61	252	128128	40.386	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	118227	45.166	nq	97
92) Benzo(g,h,i)perylene	17.75	276	107483	42.586	nq	99

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



#1

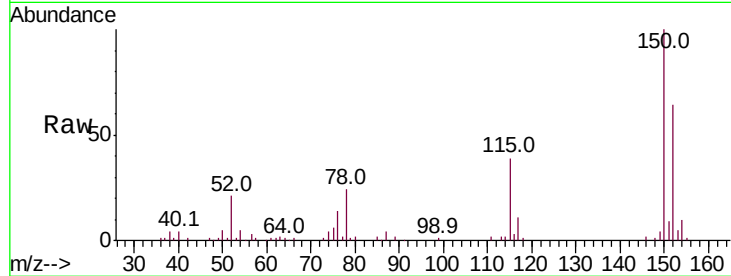
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.7	184.1
115	60.2	49.1	73.7

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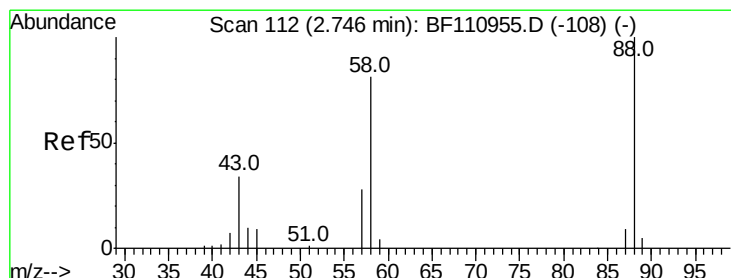
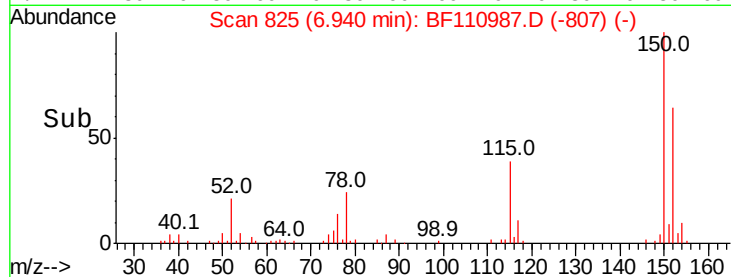
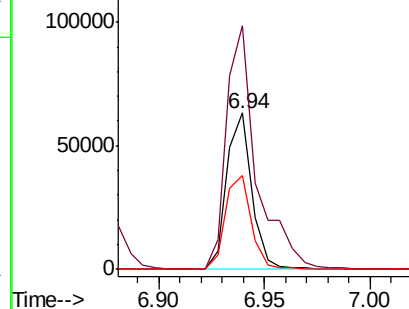


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

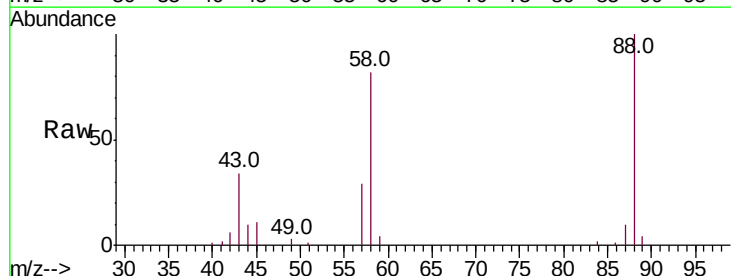
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.944 ng
RT: 2.74 min Scan# 111
Delta R.T. -0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	57.1	85.7
43	34.0	24.1	36.1

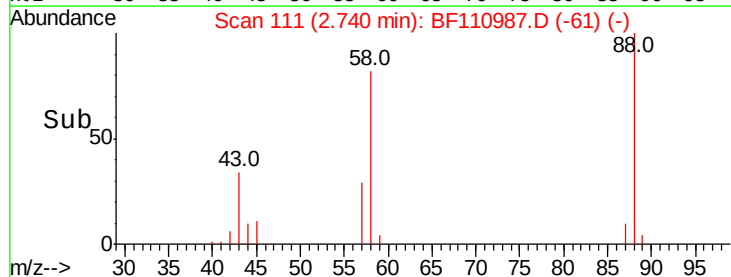
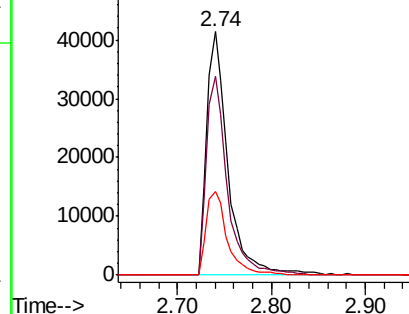


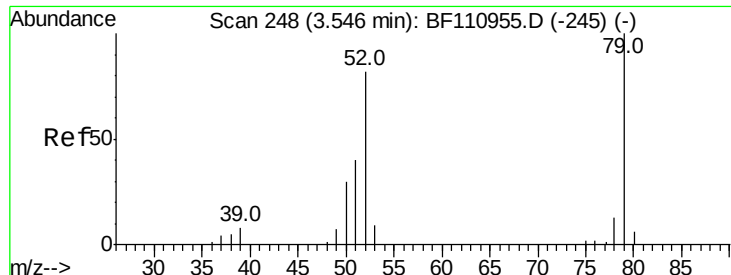
Abundance

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





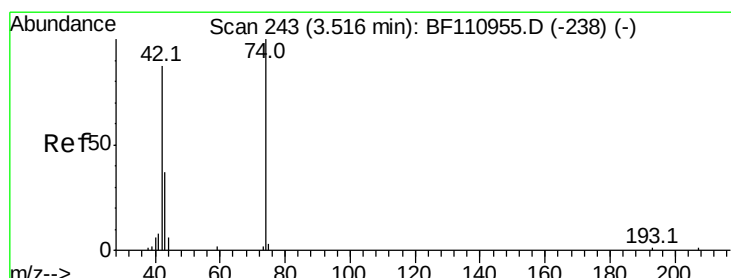
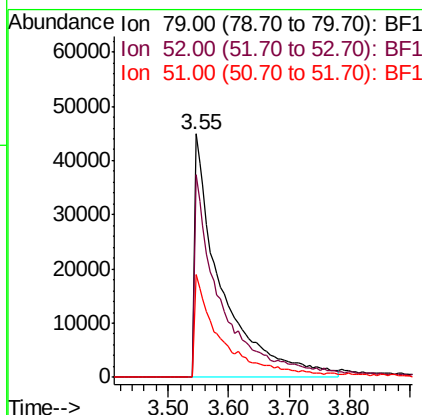
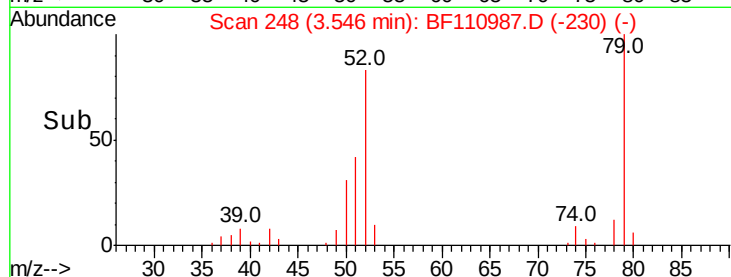
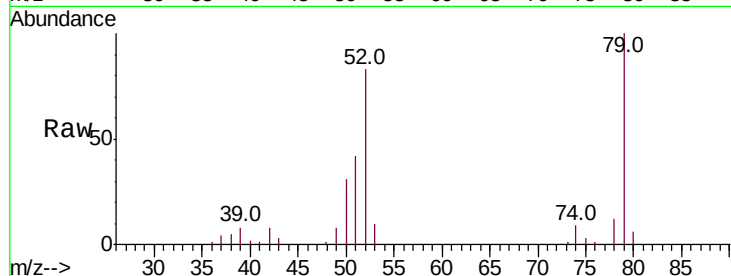
#3
 Pvridine
 Concen: 41.826 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.01 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.1	53.1	79.7#
51	42.0	27.4	41.2#

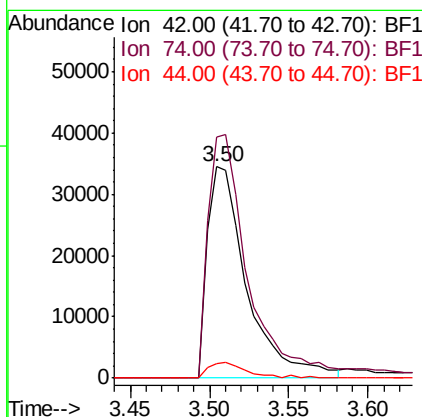
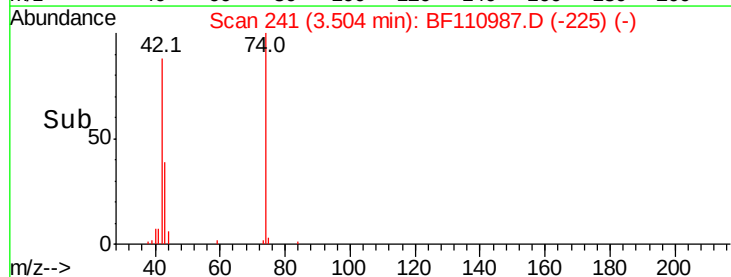
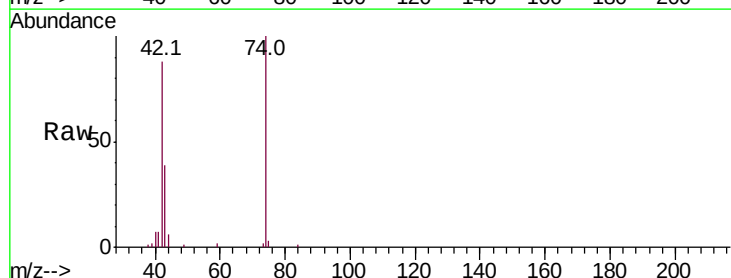
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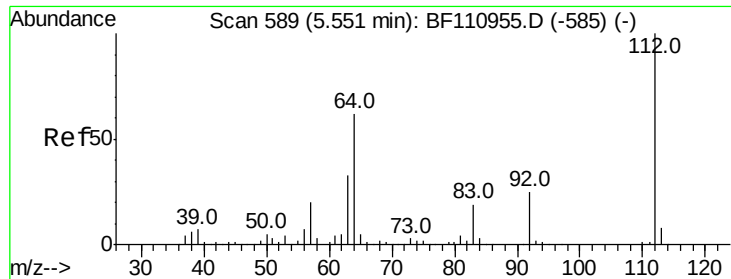
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#4
 n-Nitrosodimethylamine
 Concen: 40.071 ng
 RT: 3.50 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.9	105.5	158.3
44	7.0	4.9	7.3





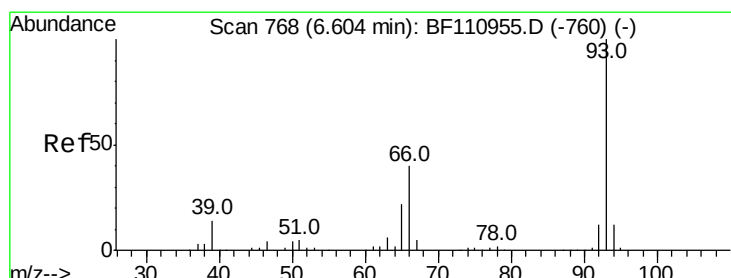
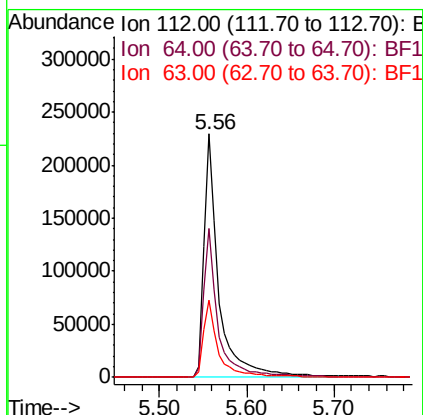
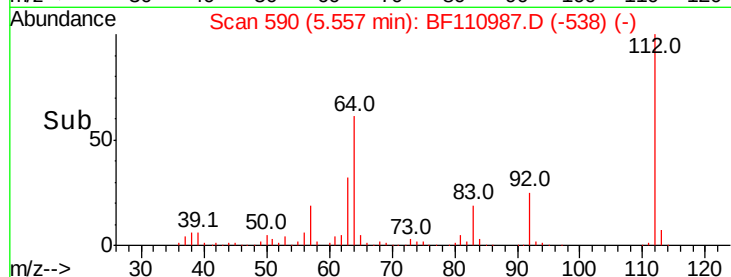
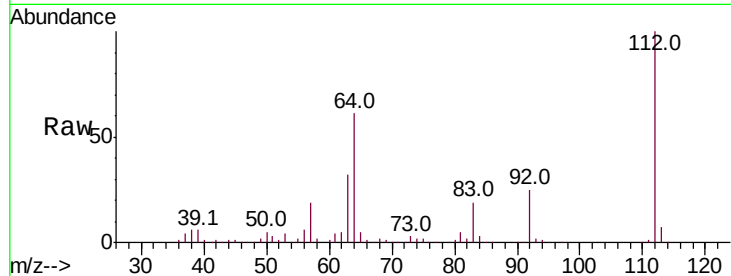
#5
2-Fluorophenol
Concen: 87.284 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.1	44.1	66.1
63	31.8	23.7	35.5

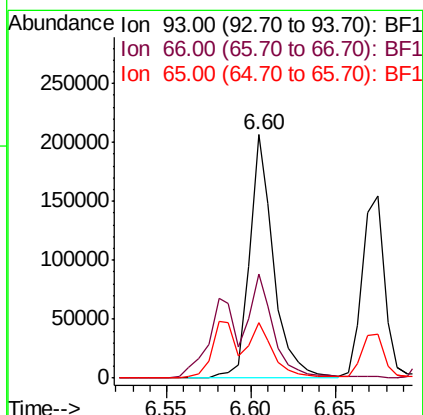
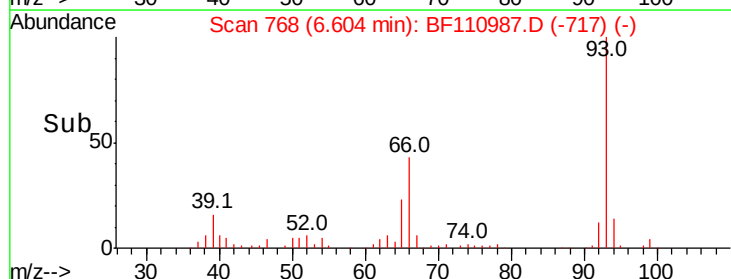
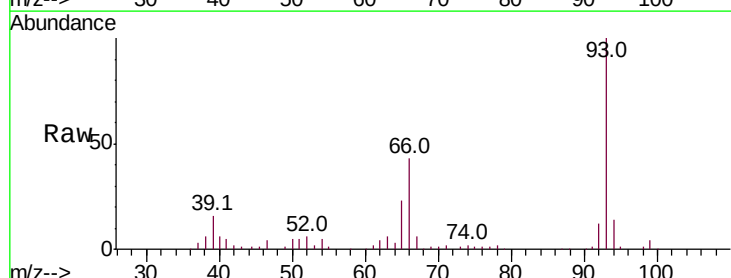
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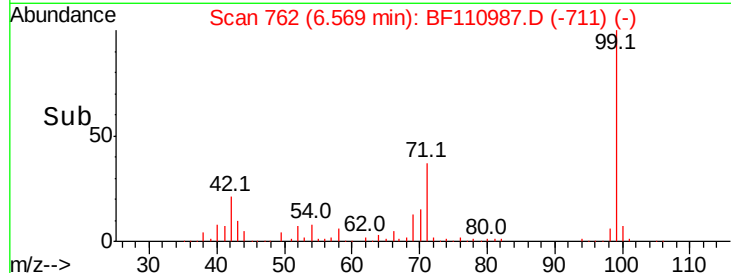
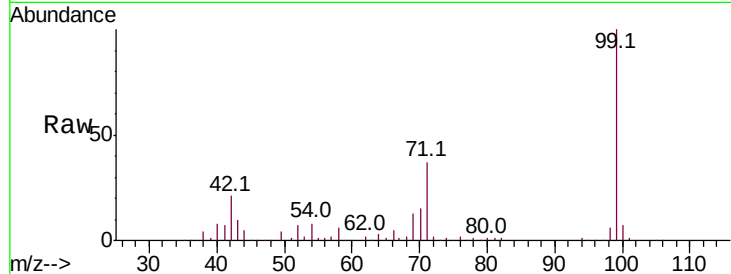
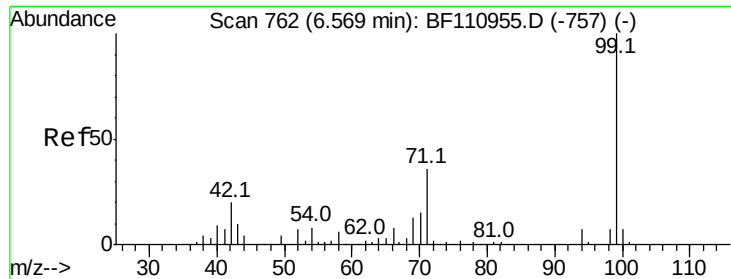
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#6
Aniline
Concen: 40.627 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF110987.D
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Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.7	67.4	101.0#
65	22.6	41.0	61.4#





#7

Phenol-d6

Concen: 81.113 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		330954		
42	20.6	15.8	23.6		
71	36.5	28.0	42.0		

Instrument :

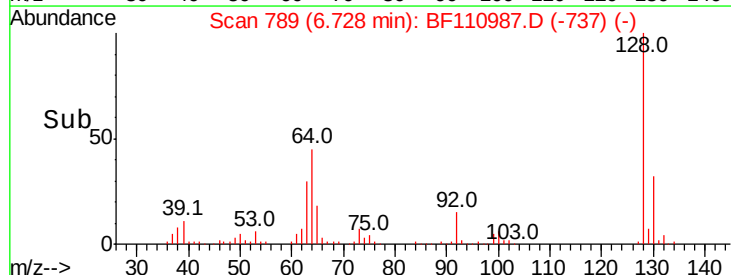
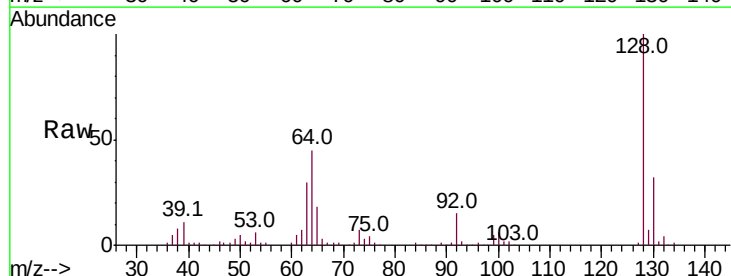
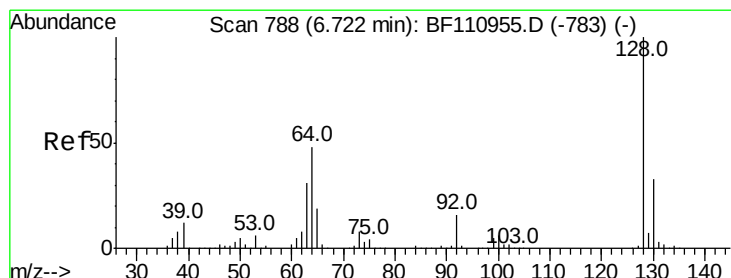
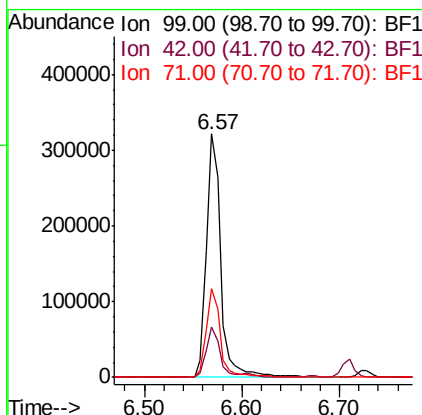
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.514 ng

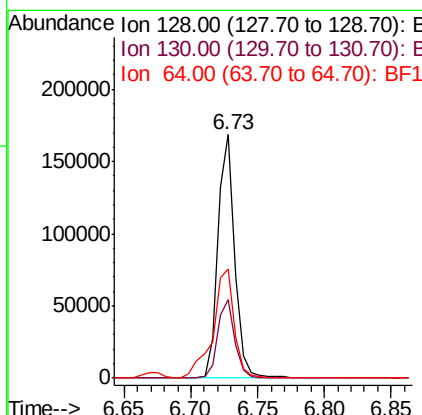
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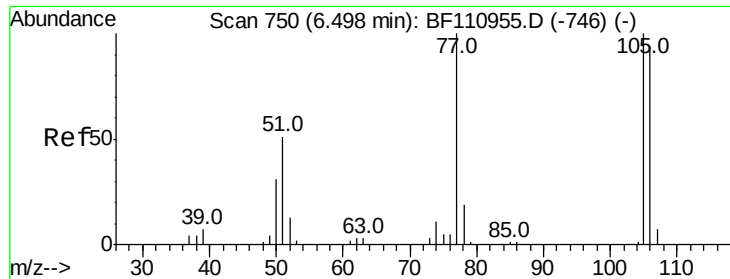
Delta R.T. 0.01 min

Lab File: BF110987.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		150329		
130	32.3	13.1	53.1		
64	44.9	26.0	66.0		





#9

Benzaldehyde

Concen: 44.808 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

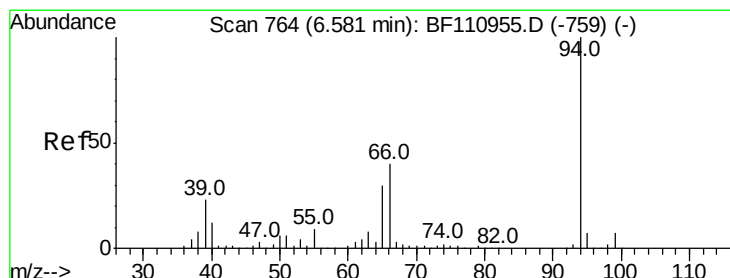
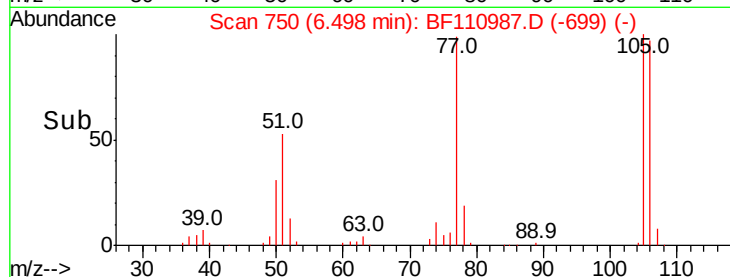
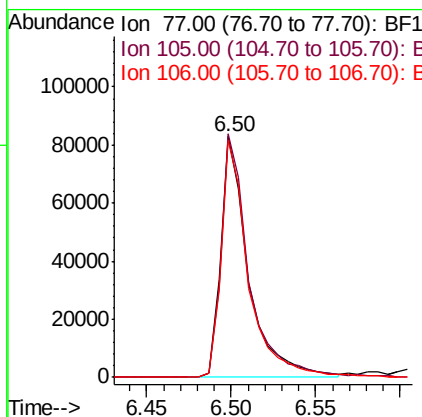
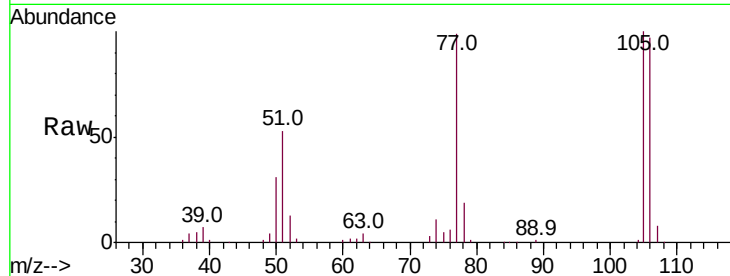
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	94636
Ion	Ratio	Lower	Upper
77	100		
105	101.2	78.6	118.6
106	98.6	74.8	114.8

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#10

Phenol

Concen: 40.833 ng

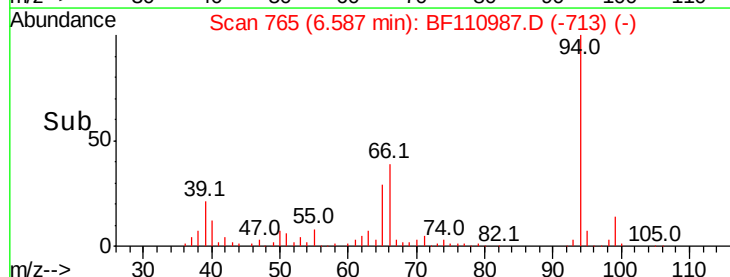
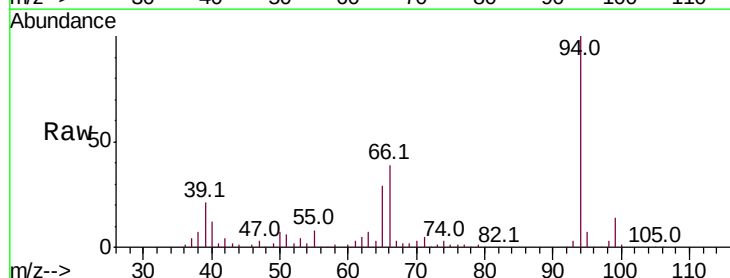
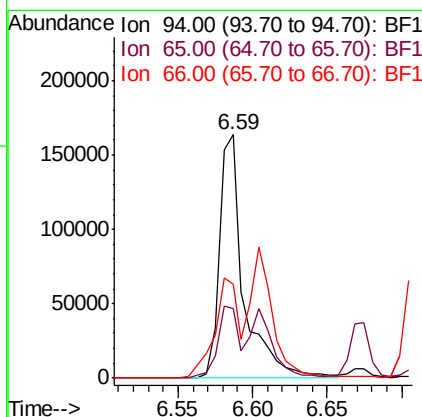
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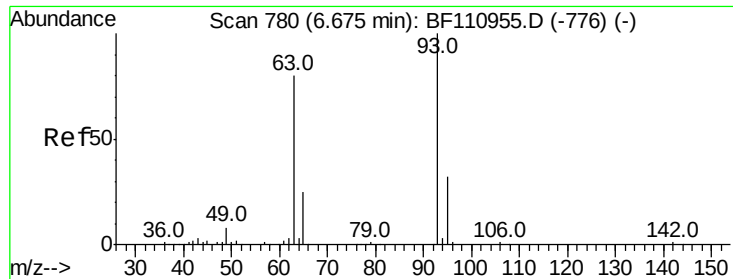
Delta R.T. 0.01 min

Lab File: BF110987.D

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Tgt Ion:	94	Resp:	187629
Ion	Ratio	Lower	Upper
94	100		
65	28.5	25.3	65.3
66	38.6	54.5	94.5#





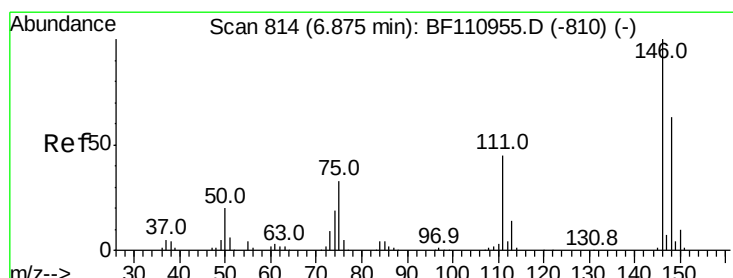
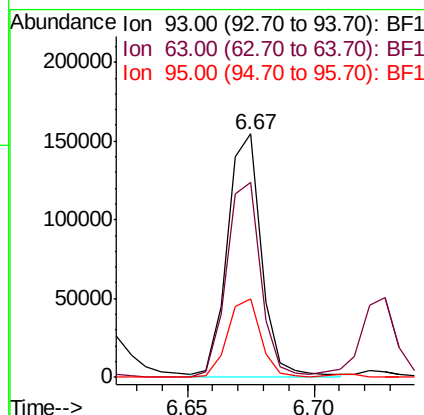
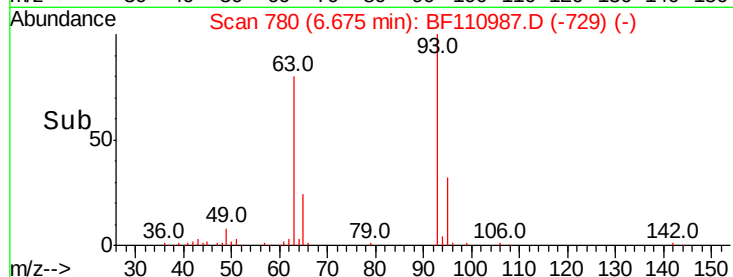
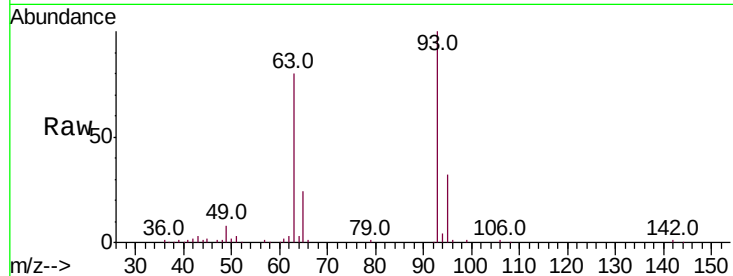
#11
bis(2-Chloroethyl)ether
Concen: 41.860 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	144911
Ion Ratio	Lower	Upper	
93	100		
63	79.9	53.4	93.4
95	32.3	12.1	52.1

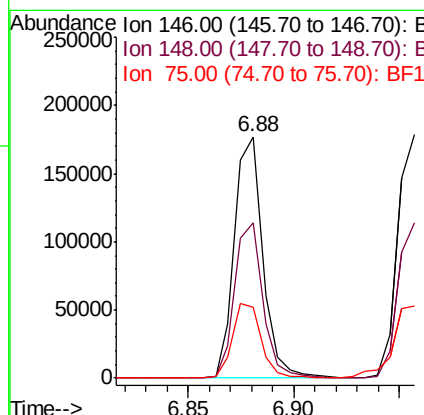
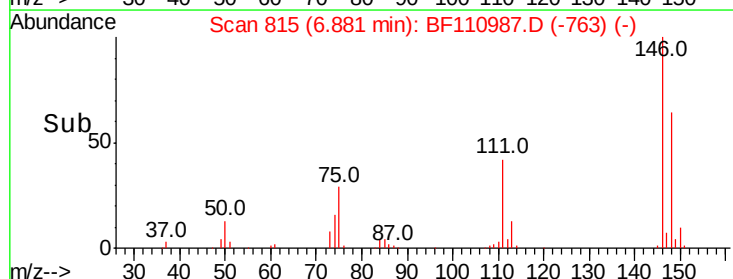
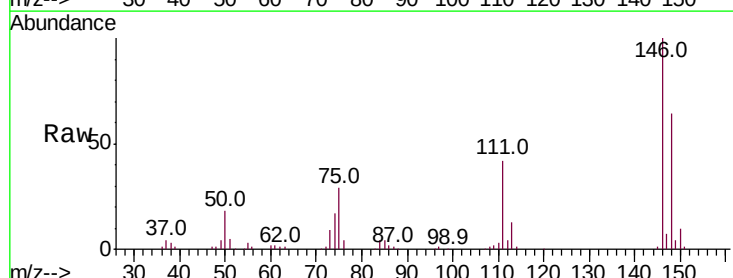
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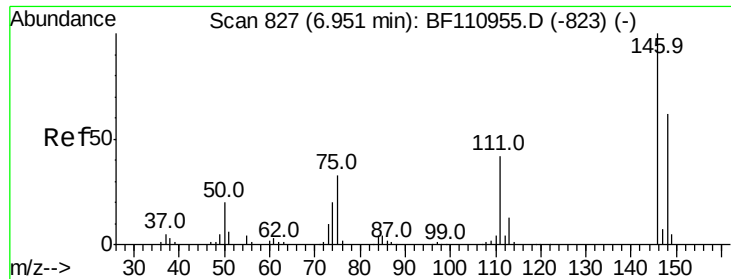
mohammad
11/27/2018 11:48:21 AM



#12
1,3-Dichlorobenzene
Concen: 40.391 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion:	146	Resp:	164648
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.4	75.6
75	29.1	25.8	38.6





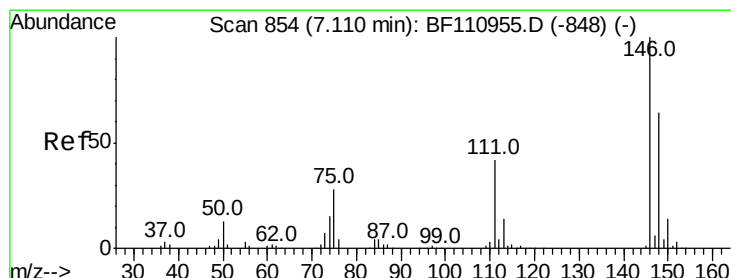
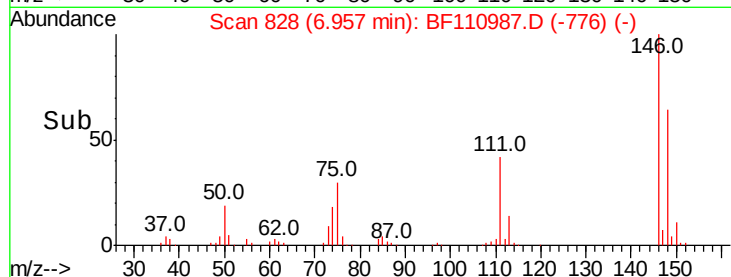
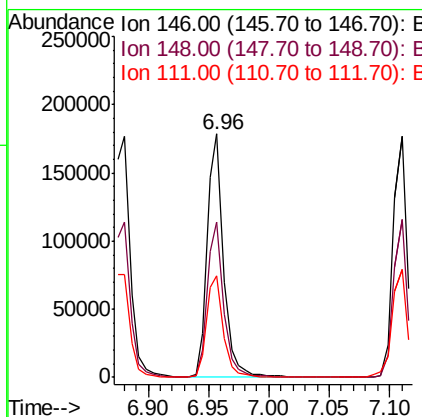
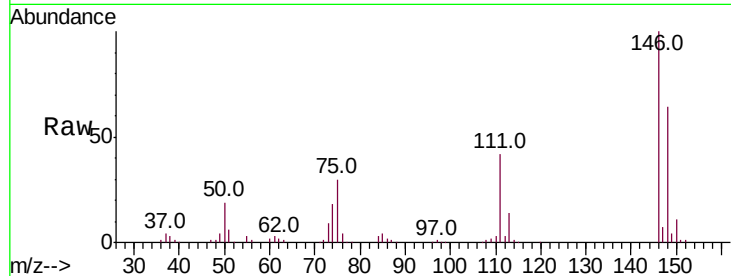
#13
1,4-Dichlorobenzene
Concen: 39.978 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	41.8	32.7	49.1

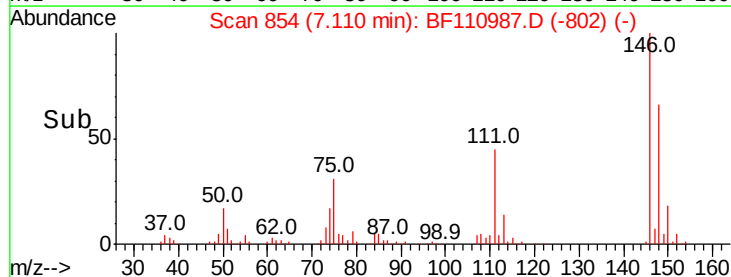
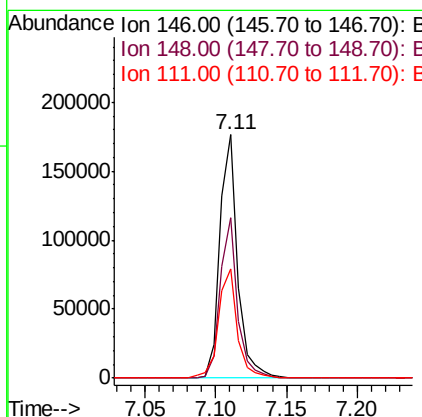
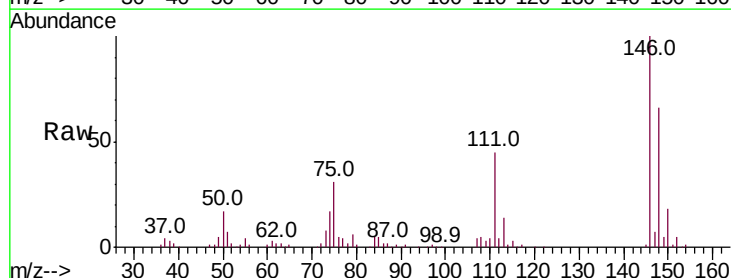
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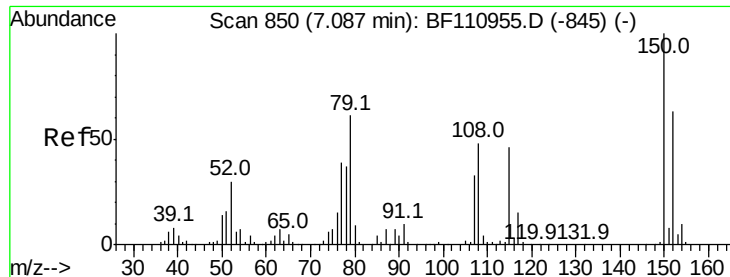
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.961 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	45.0	35.8	53.6





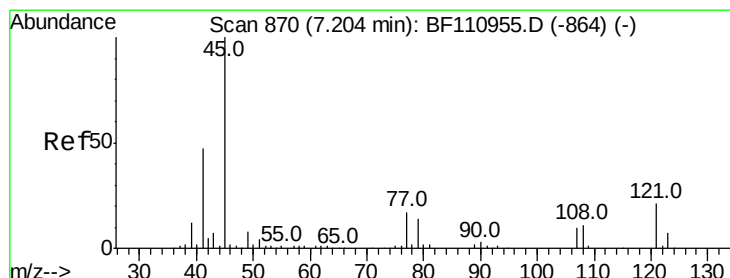
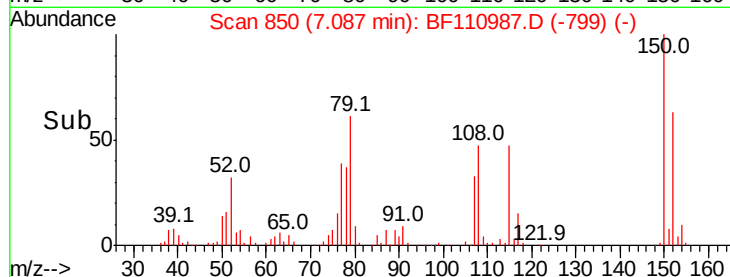
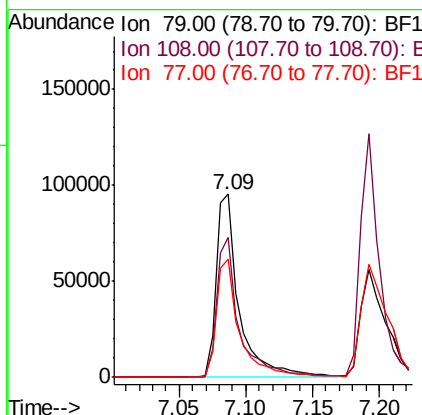
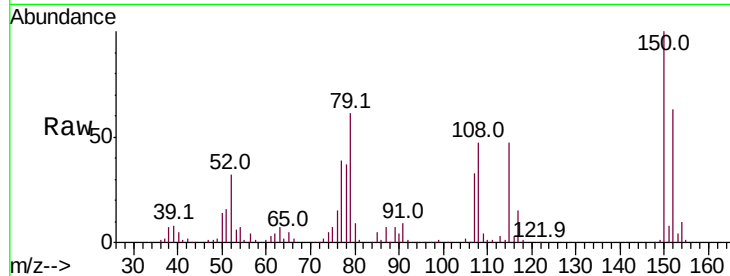
#15
Benzyl Alcohol
Concen: 37.170 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	56.3	84.5
77	64.4	52.9	79.3

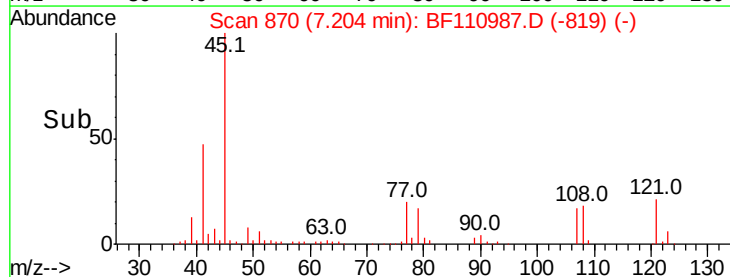
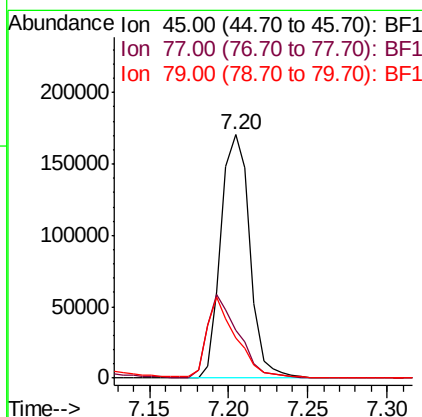
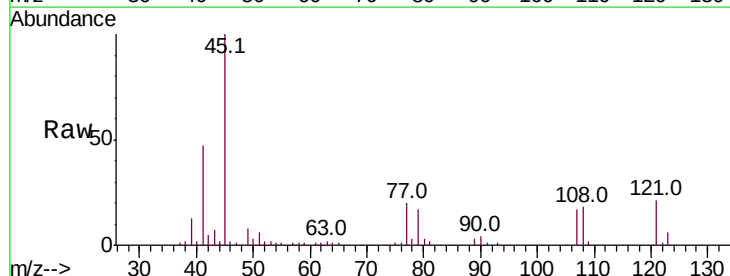
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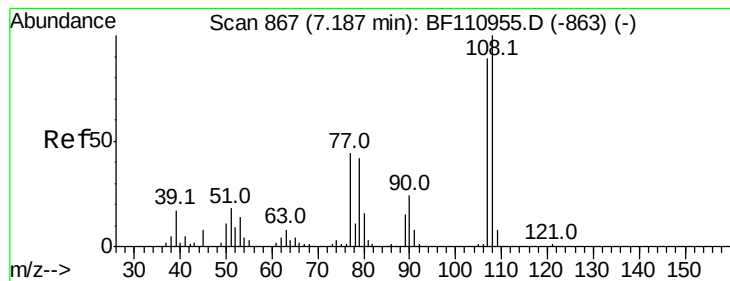
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.305 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.8	10.0	50.0
79	16.5	6.1	46.1





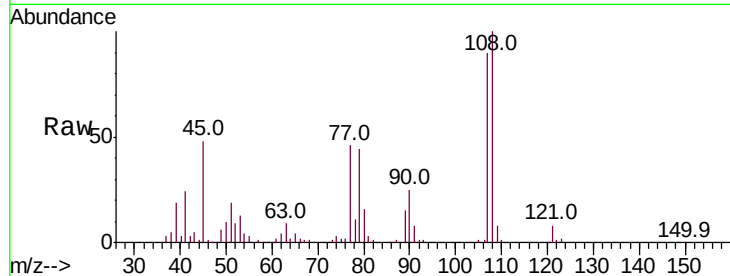
#17
2-Methylphenol
Concen: 38.864 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	92.6	138.8	
77	51.8	59.4	89.2#	
79	49.6	54.0	81.0#	

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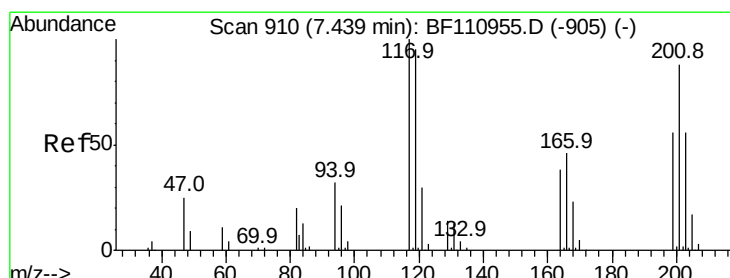
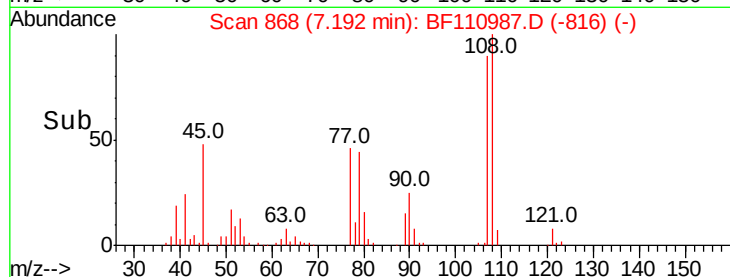
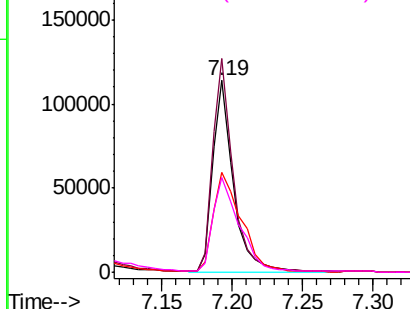
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 25.984 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

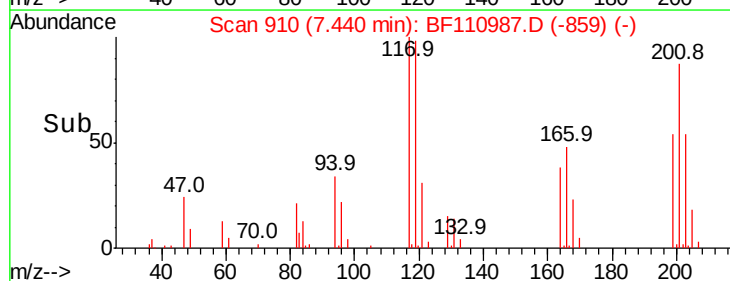
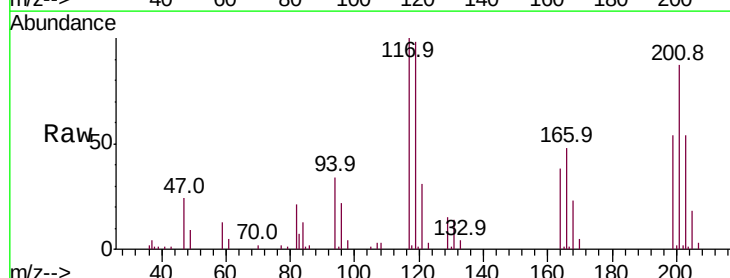
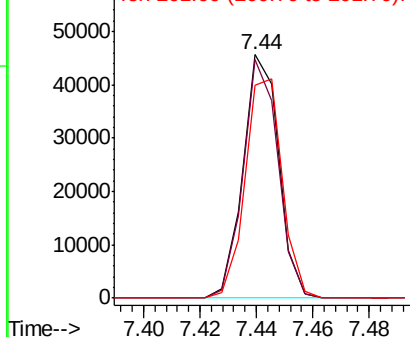
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.0	112.6	
201	87.2	79.2	118.8	

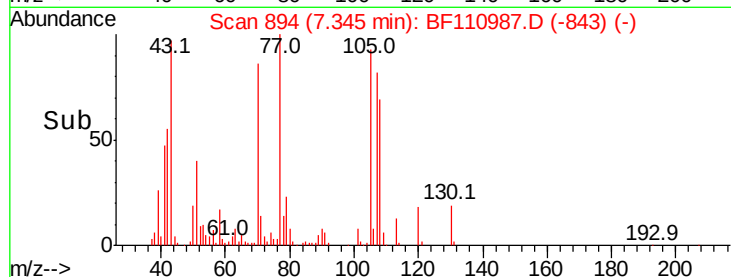
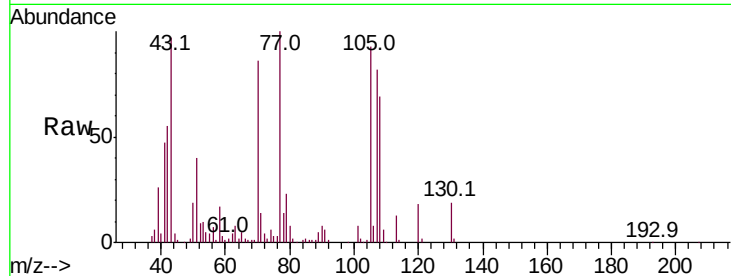
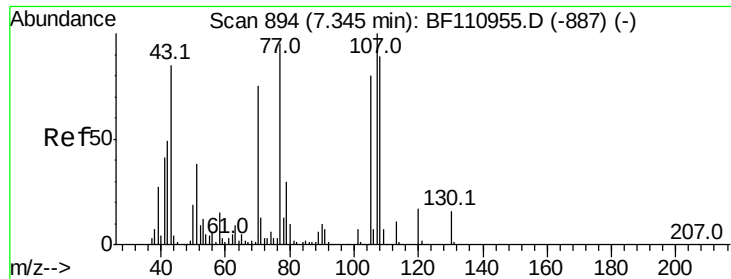
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





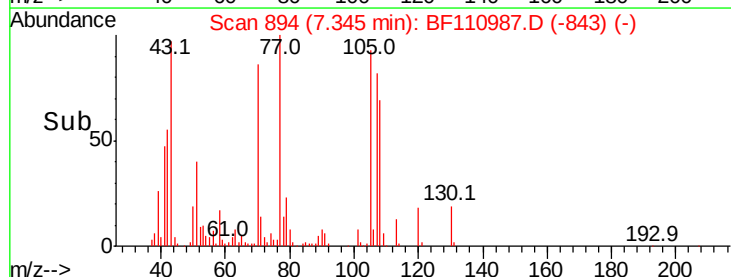
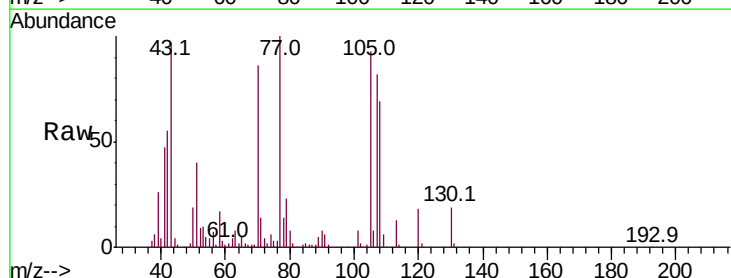
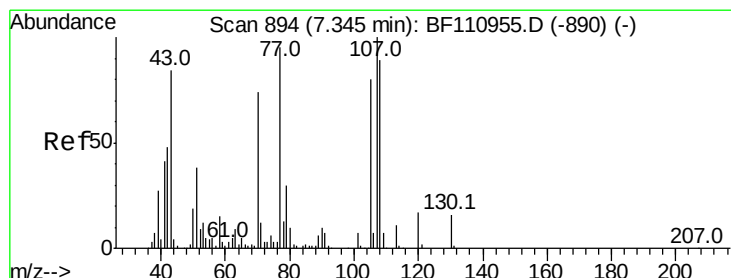
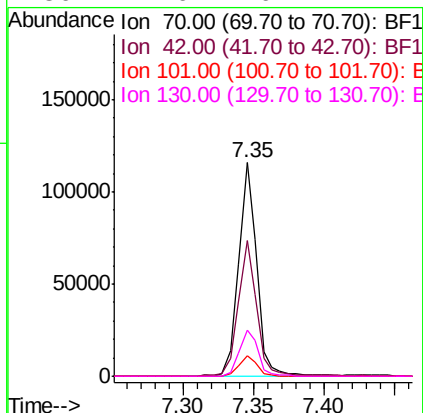
#19
n-Nitroso-di-n-propylamine
Concen: 38.993 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.4	71.2
101	9.4	7.3	10.9
130	21.6	16.2	24.2

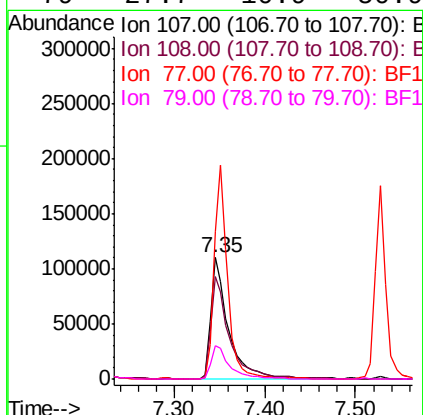
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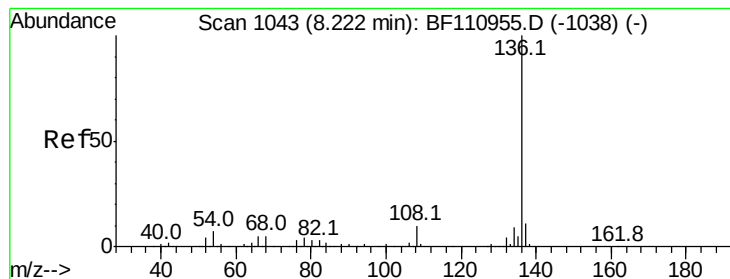
mohammad
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#20
3+4-Methylphenols
Concen: 37.902 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	71.4	111.4
77	121.4	47.3	87.3
79	27.7	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

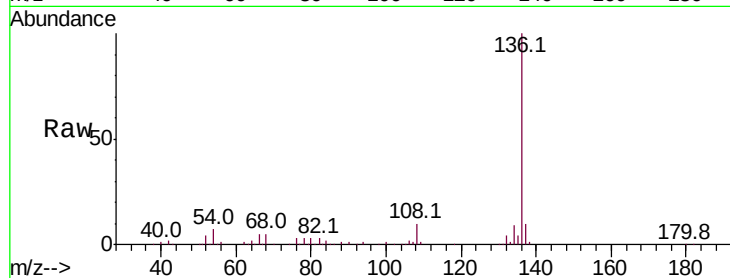
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	194872		
137	10.3		8.8	13.2
54	7.3		5.4	8.2
68	4.8		4.2	6.2

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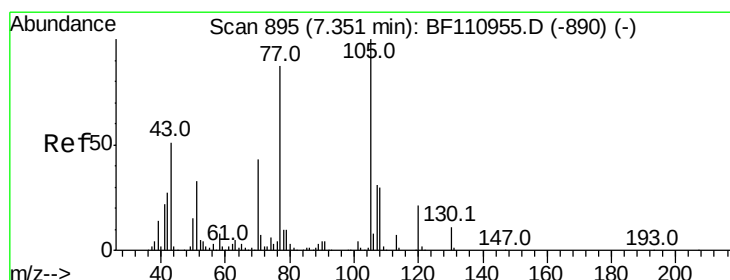
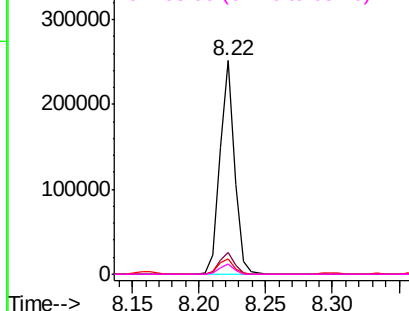
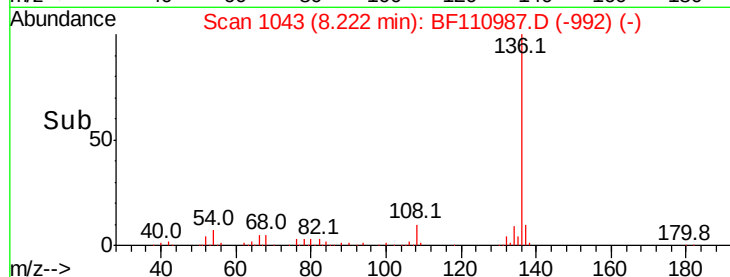
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.886 ng

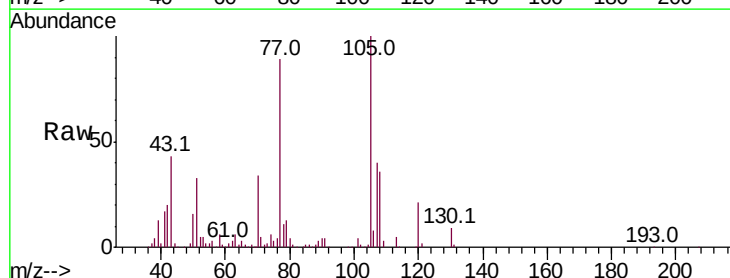
RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200462		
71	5.4		5.2	7.8
51	33.4		21.8	32.8#
120	21.2		17.0	25.4



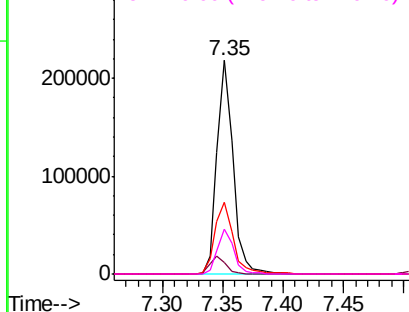
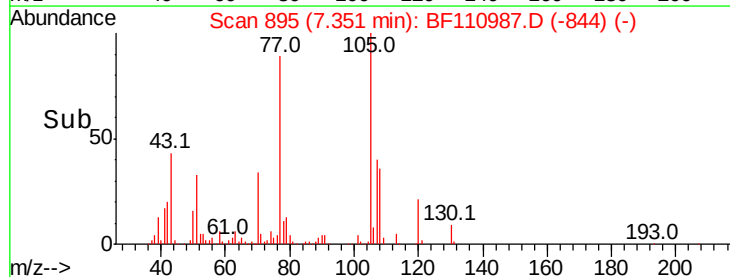
Abundance

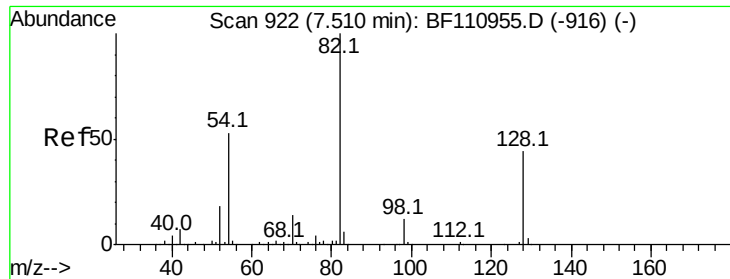
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





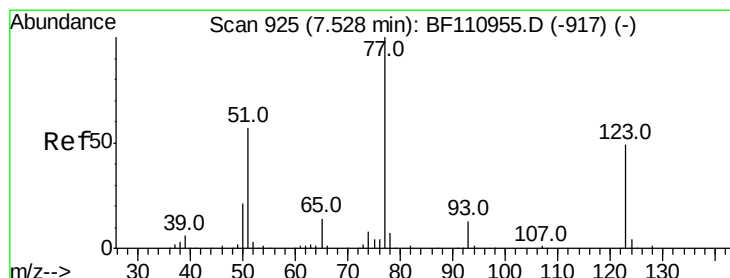
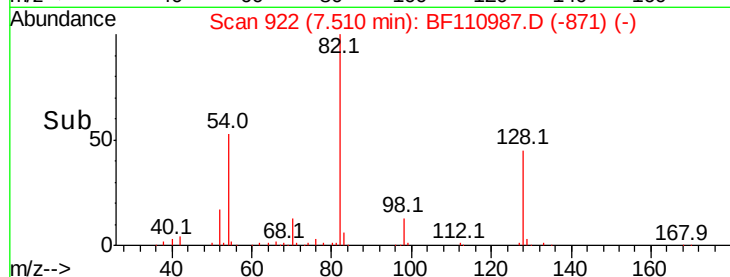
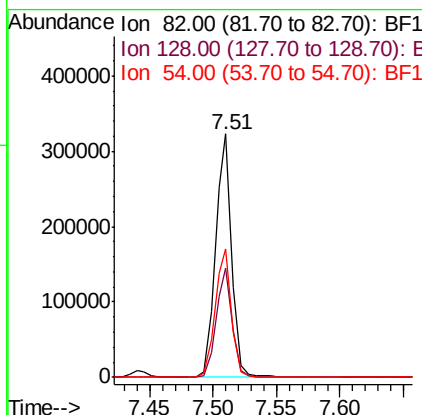
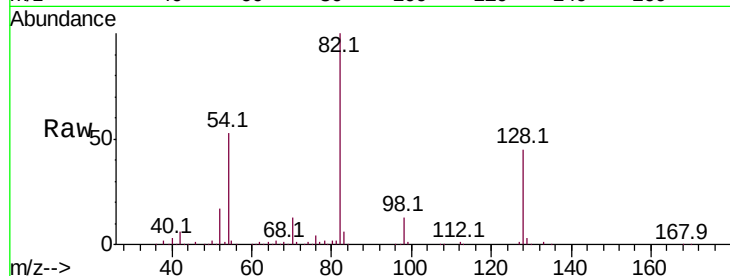
#23
 Nitrobenzene-d5
 Concen: 85.314 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	52.8	38.6	58.0

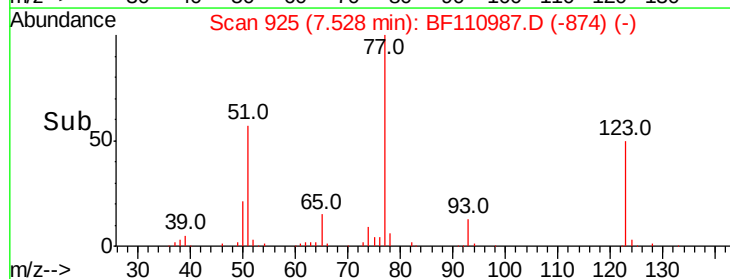
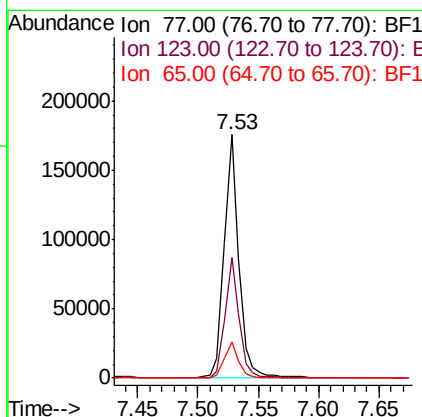
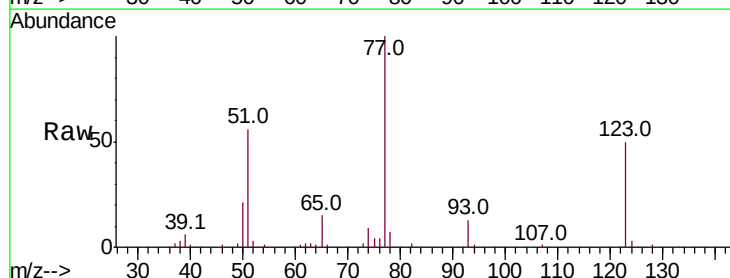
Manual Integrations
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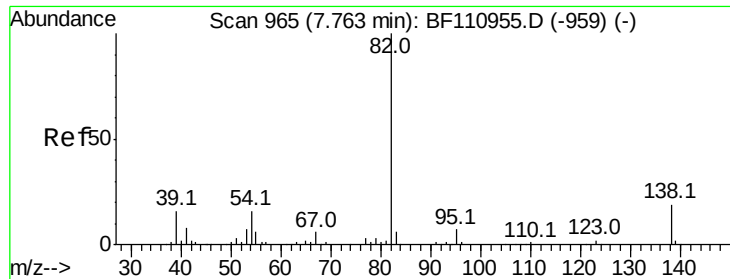
mohammad
 11/27/2018 11:48:21 AM



#24
 Nitrobenzene
 Concen: 41.264 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	35.7	53.5
65	15.0	10.7	16.1





#25

Isophorone

Concen: 40.971 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 228841

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

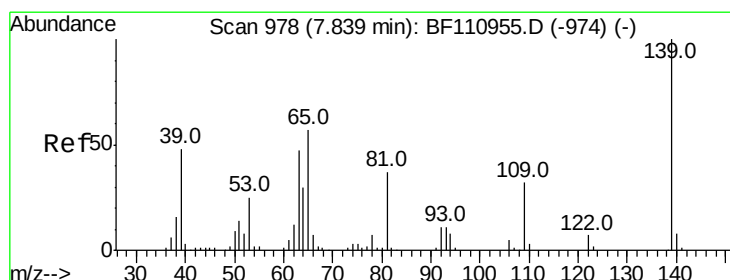
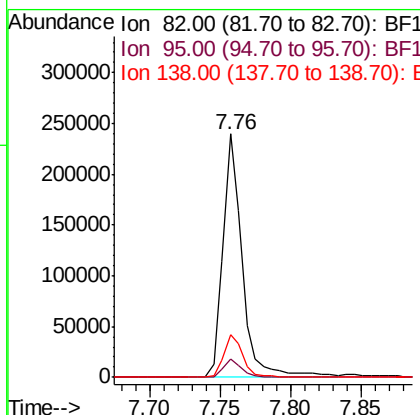
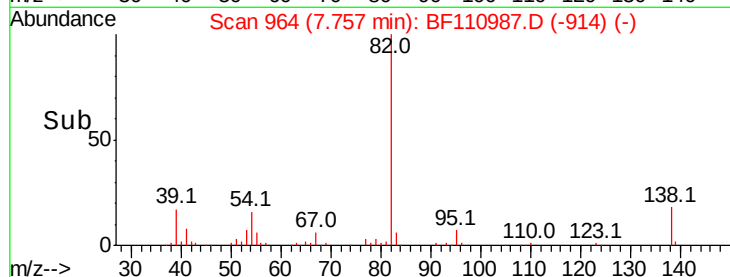
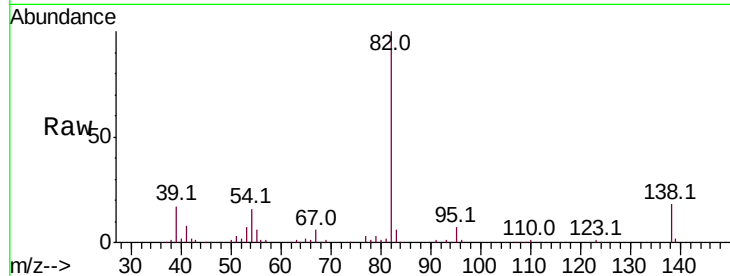
138 17.7 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 29.244 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

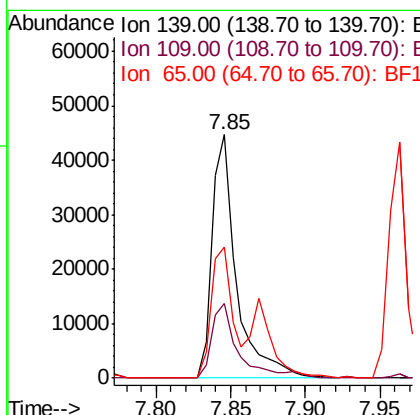
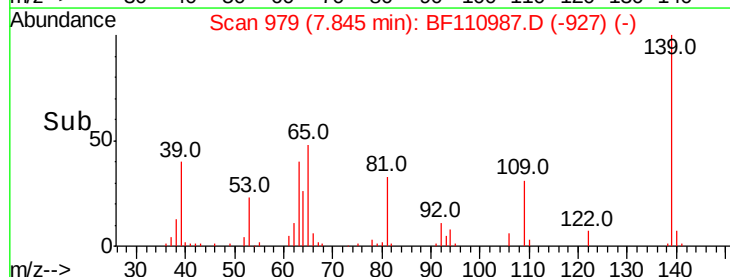
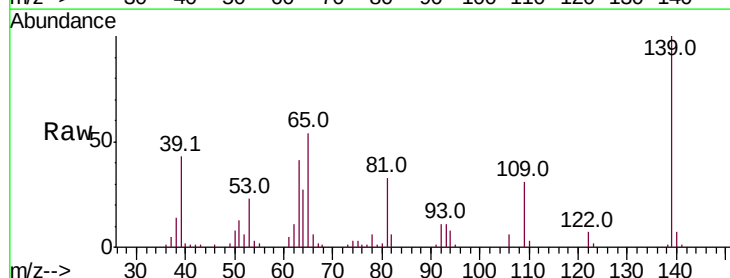
Tgt Ion: 139 Resp: 50309

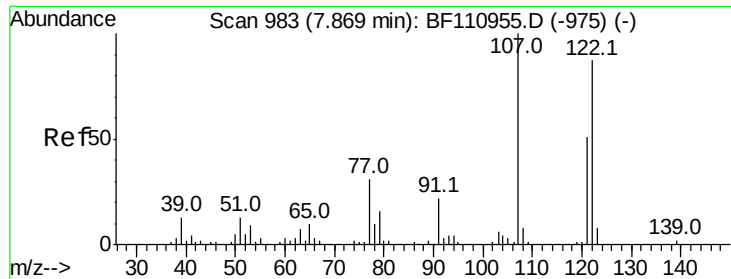
Ion Ratio Lower Upper

139 100

109 30.7 25.0 37.6

65 53.7 44.0 66.0





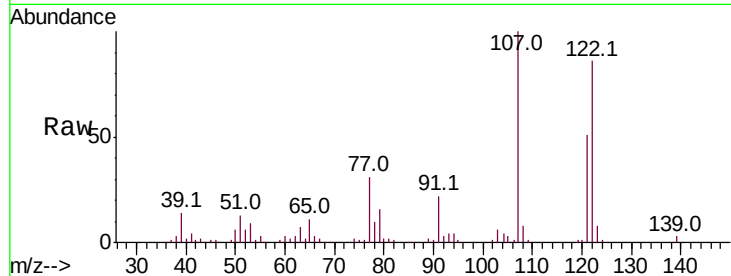
#27
2,4-Dimethylphenol
Concen: 42.476 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	92.5	138.7
121	59.4	45.8	68.8

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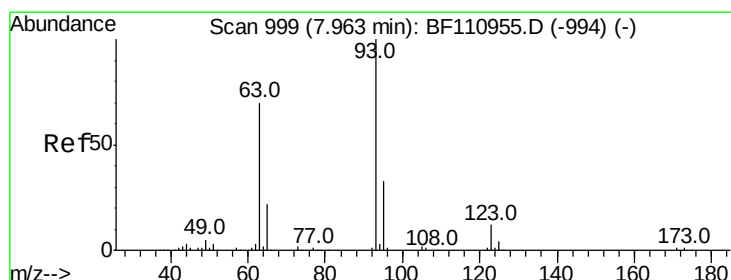
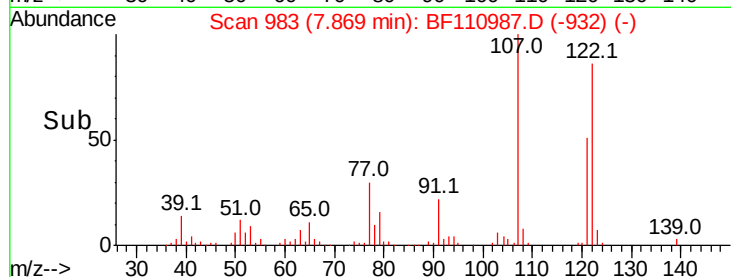
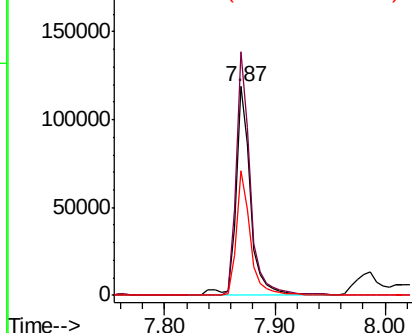


Abundance

Ion 122.00 (121.70 to 122.70): E

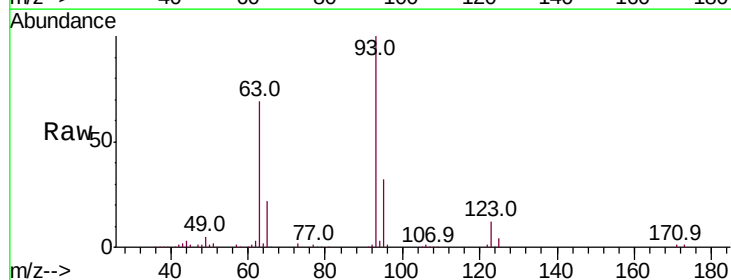
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.579 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.9	9.0	13.6

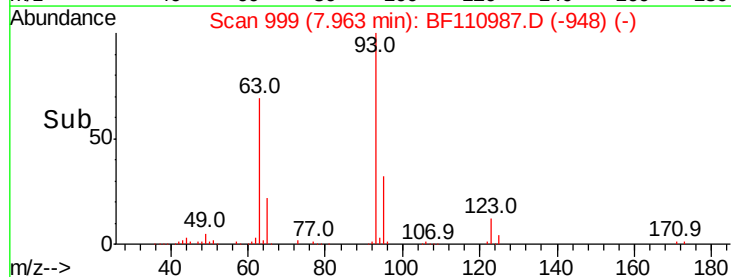
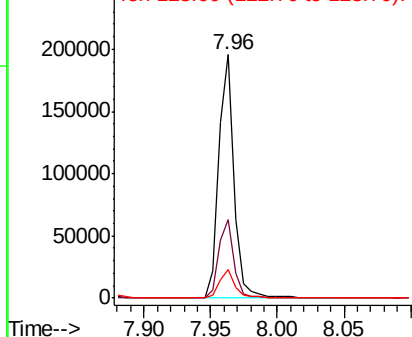


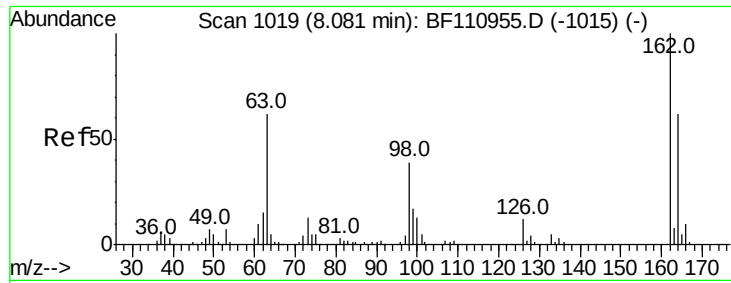
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





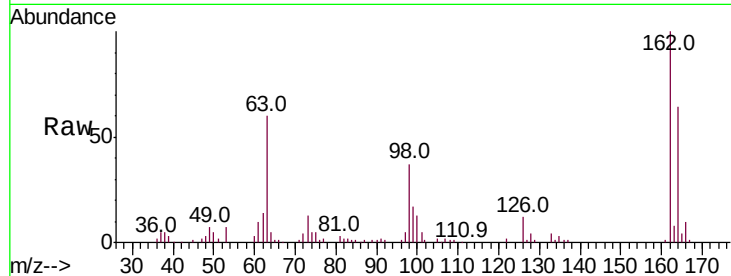
#29
2,4-Dichlorophenol
Concen: 39.914 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	44.6	84.6
98	37.1	17.4	57.4

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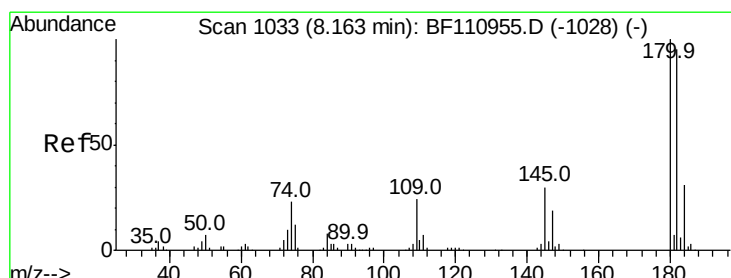
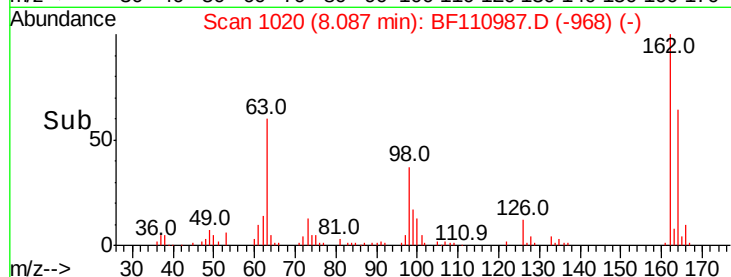
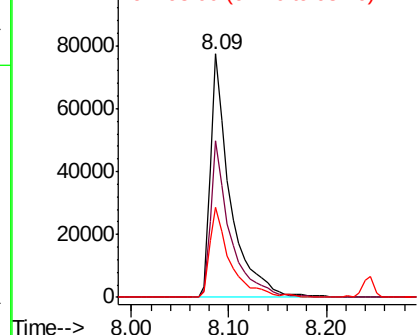


Abundance

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: 41.018 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

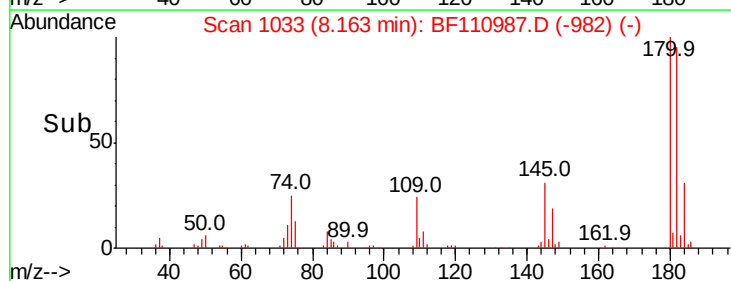
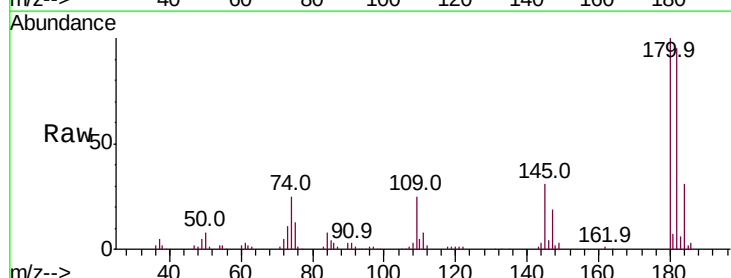
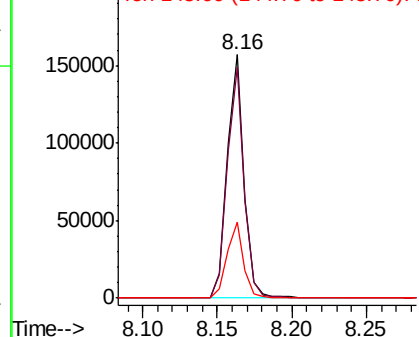
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	80.3	120.5
145	31.0	25.4	38.0

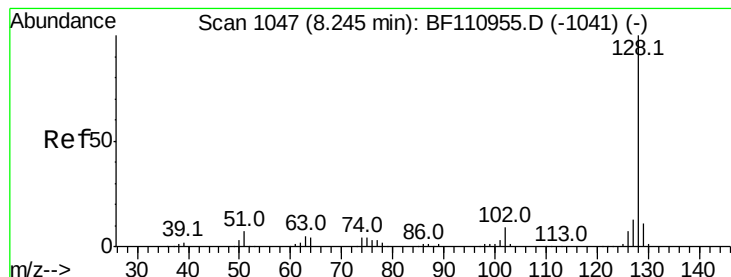
Abundance

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: 39.723 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

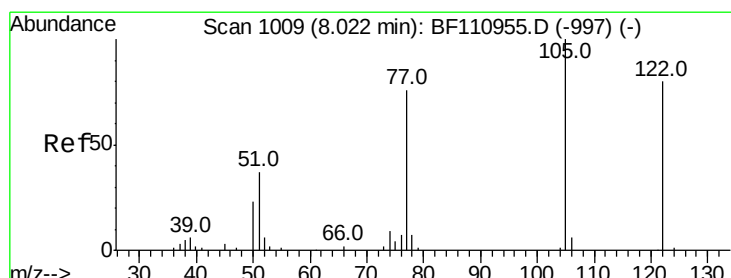
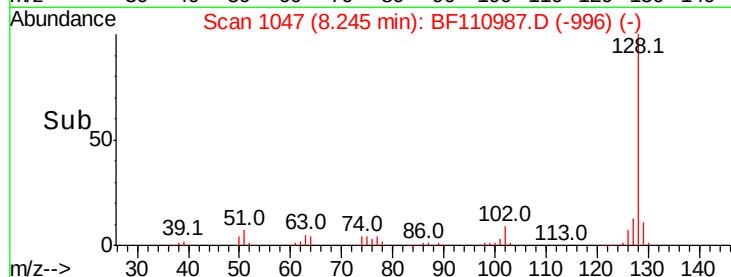
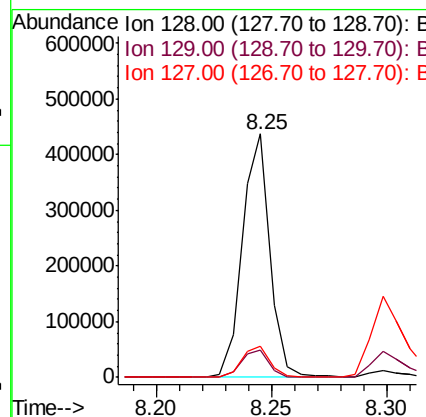
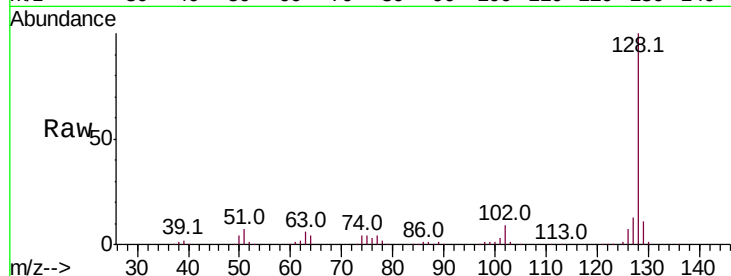
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	362862
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.0	10.8	16.2

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#32

Benzoic acid

Concen: 19.656 ng m

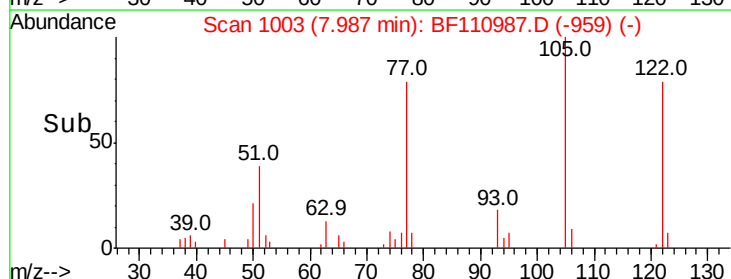
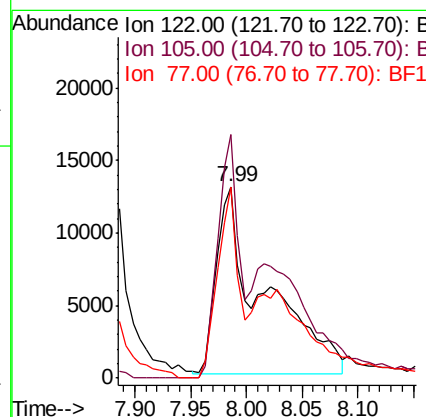
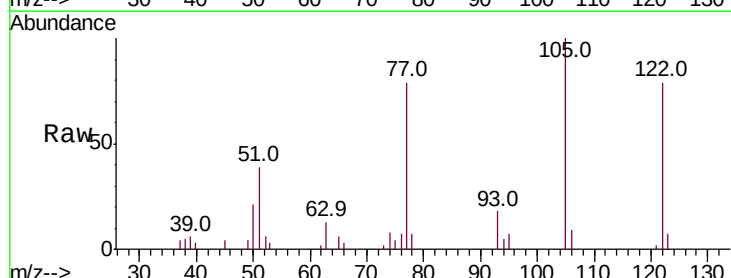
RT: 7.99 min Scan# 1003

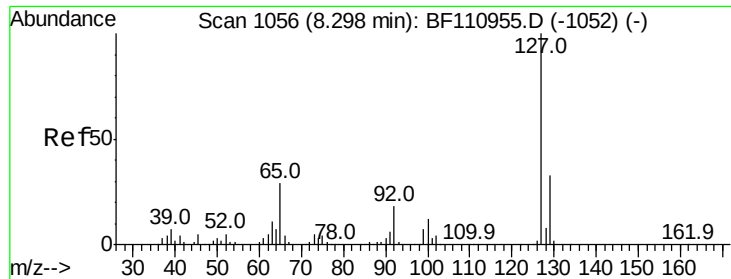
Delta R.T. -0.04 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Tgt Ion:	122	Resp:	37967
Ion Ratio	Lower	Upper	
122	100		
105	127.4	109.0	149.0
77	100.2	79.0	119.0





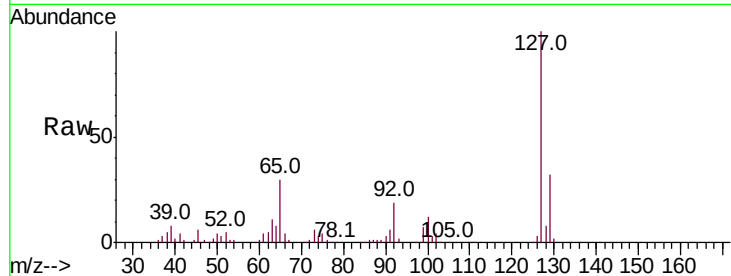
#33
4-Chloroaniline
Concen: 40.317 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.4	25.1	37.7
92	19.0	15.0	22.6

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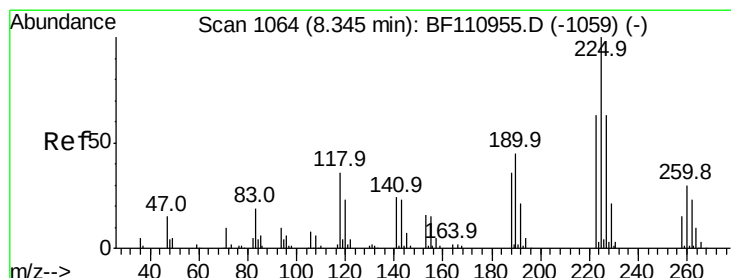
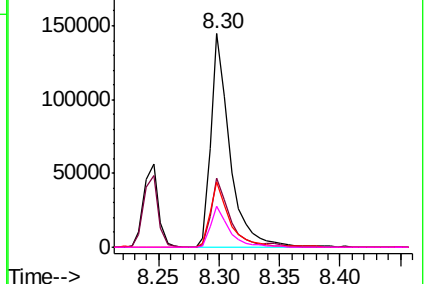
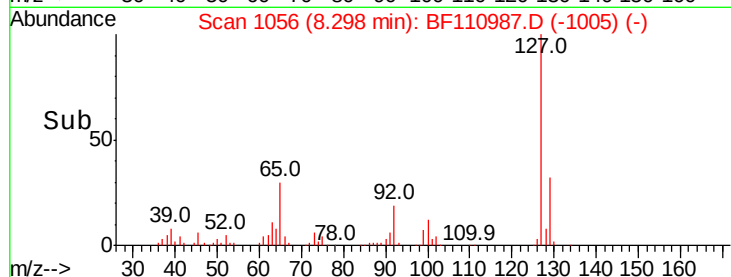
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

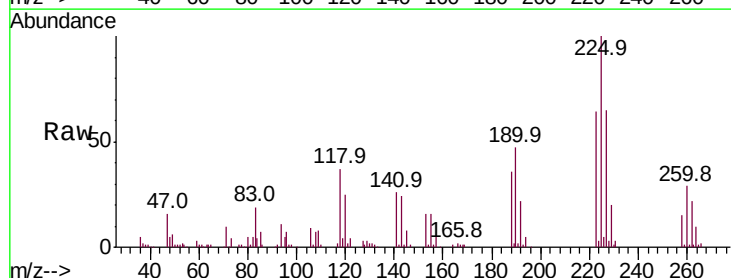
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.303 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.2
227	65.4	51.0	76.6

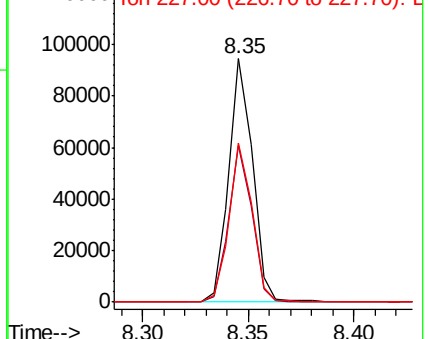
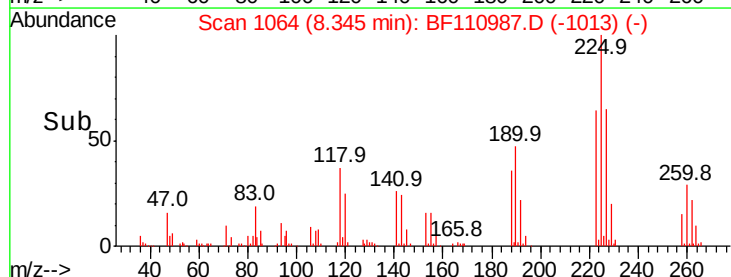


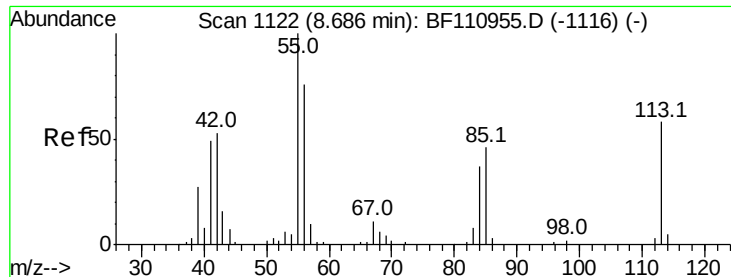
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.357 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

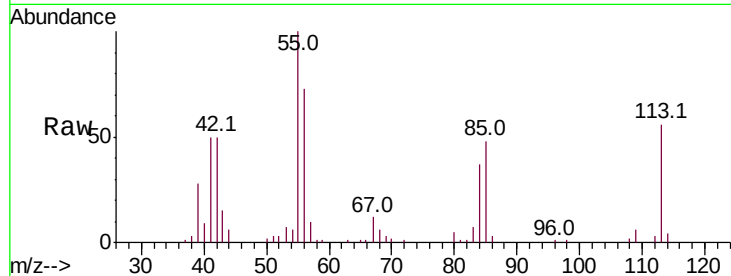
ClientSampleId :

SSTDCCC040

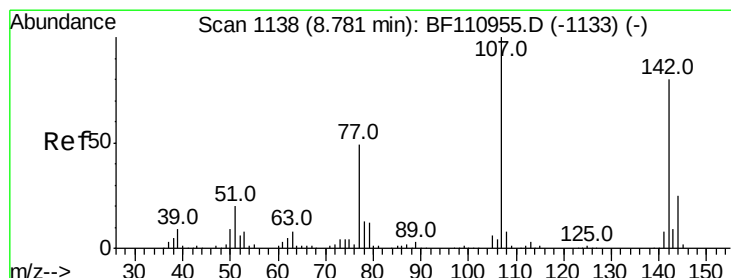
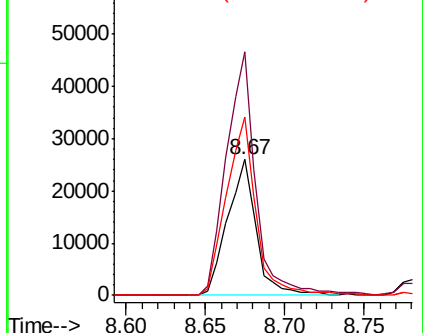
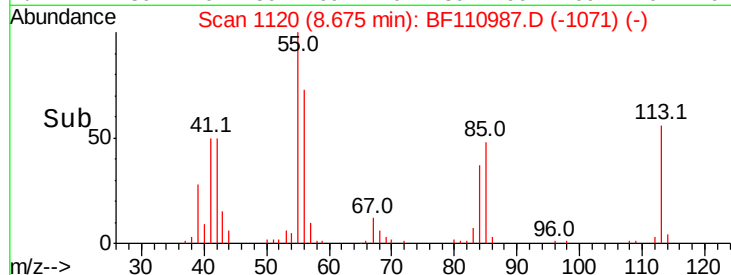
Tot Ion:113 Resp: 32816
 Ion Ratio Lower Upper
 113 100
 55 179.7 142.8 182.8
 56 131.4 105.0 145.0

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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: 36.285 ng

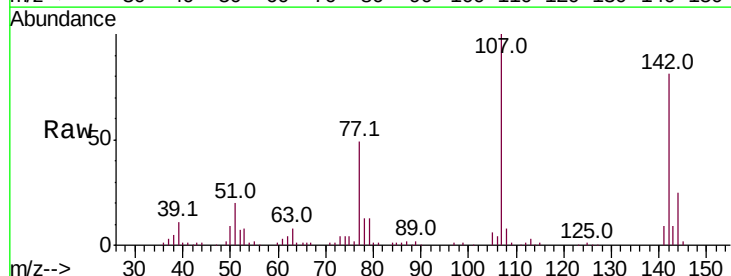
RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

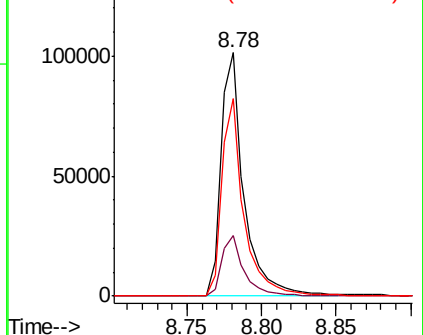
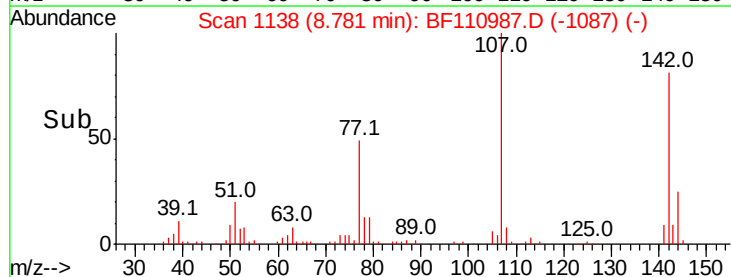
Lab File: BF110987.D

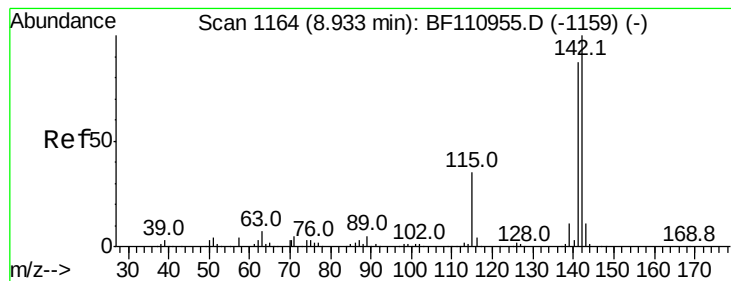
Acq: 27 Nov 2018 2:59

Tgt Ion:107 Resp: 109603
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 80.9 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





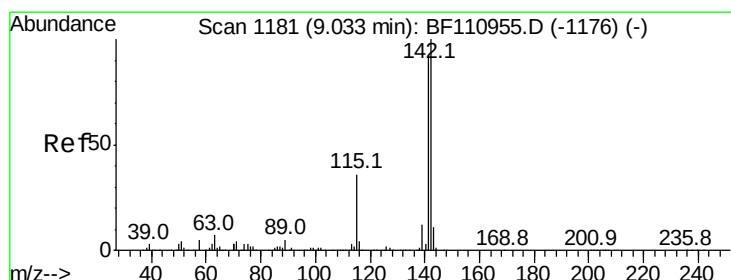
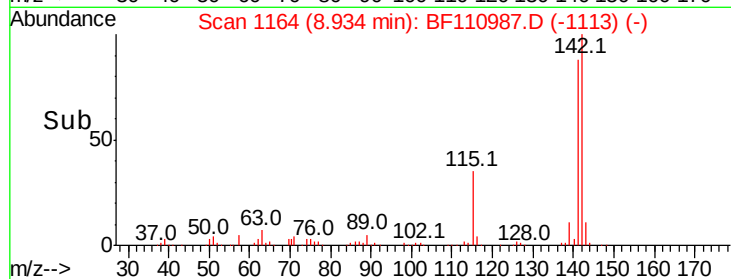
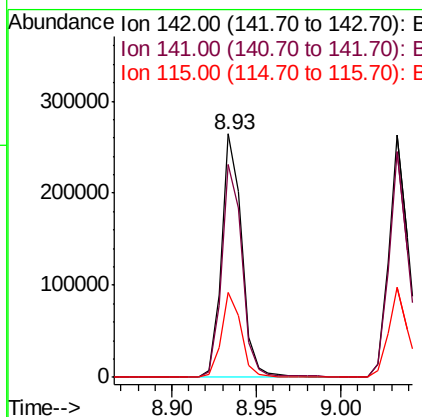
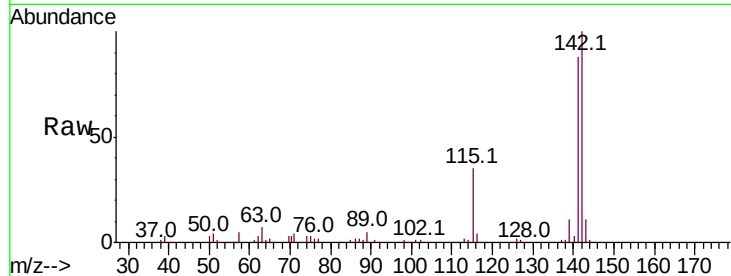
#37
2-Methylnaphthalene
Concen: 36.932 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	222834		
141	87.6		71.4	107.2
115	35.1		28.7	43.1

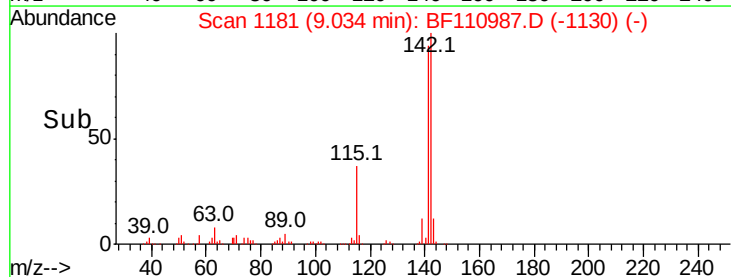
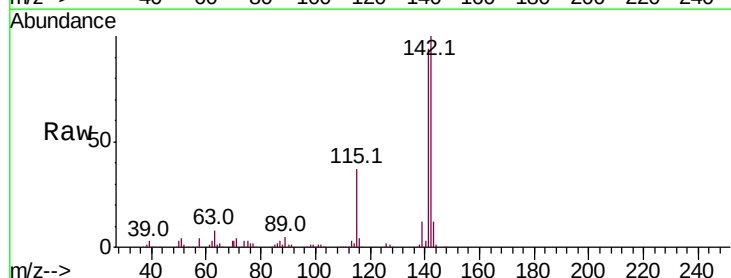
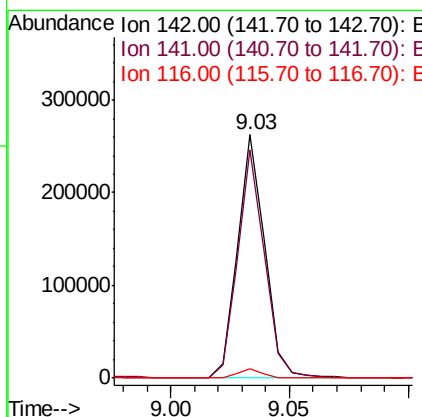
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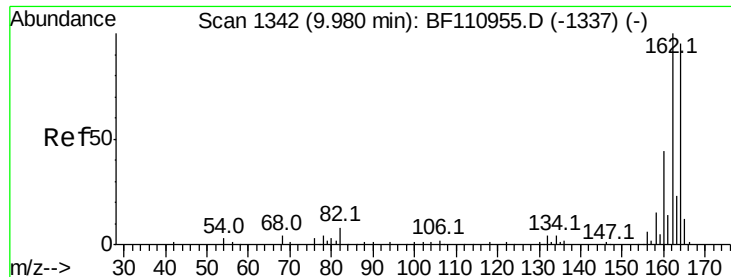
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#38
1-Methylnaphthalene
Concen: 35.820 ng m
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	210222		
141	93.6		74.2	111.4
116	4.0		2.6	4.0#





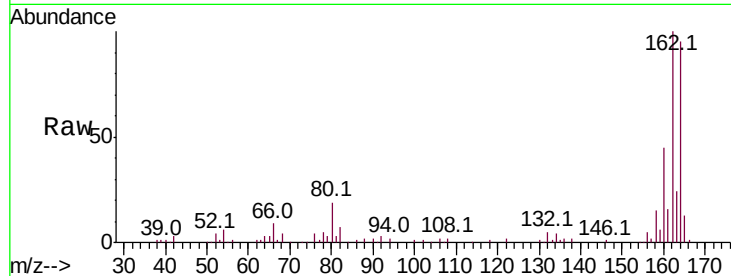
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	46.9	37.0	55.6

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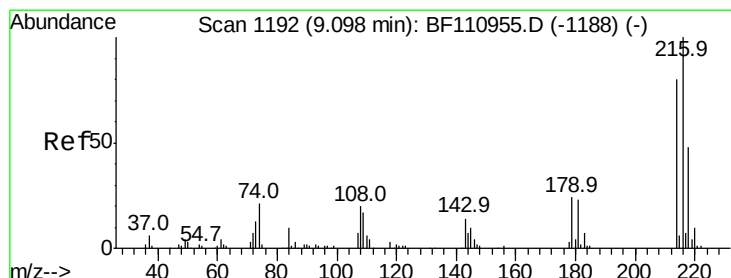
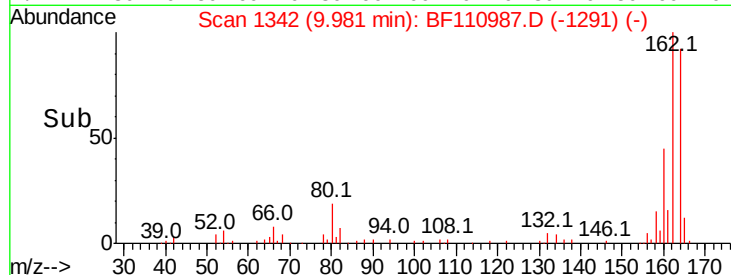
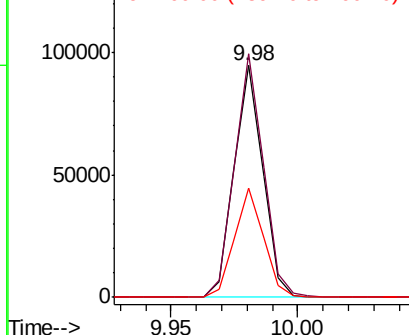


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.880 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	22.3	16.6	25.0
108	18.2	15.1	22.7

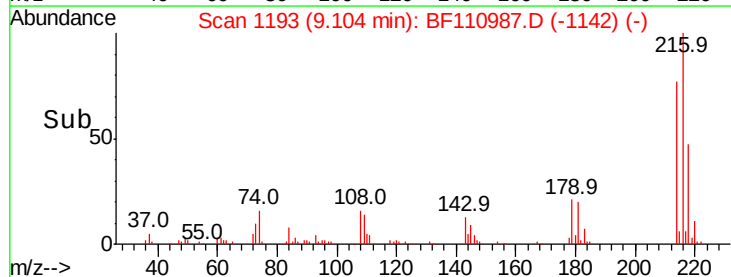
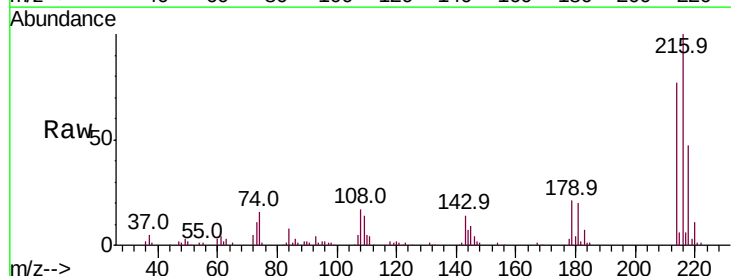
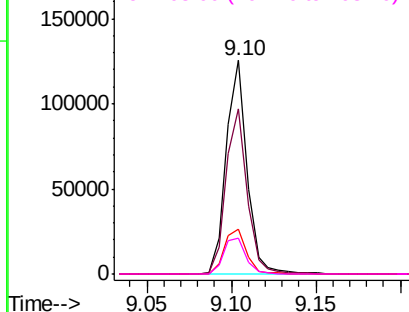
Abundance

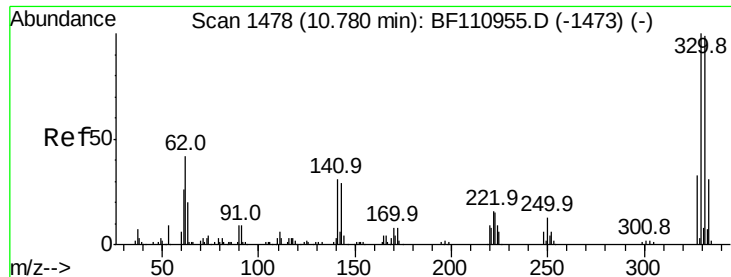
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 74.821 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

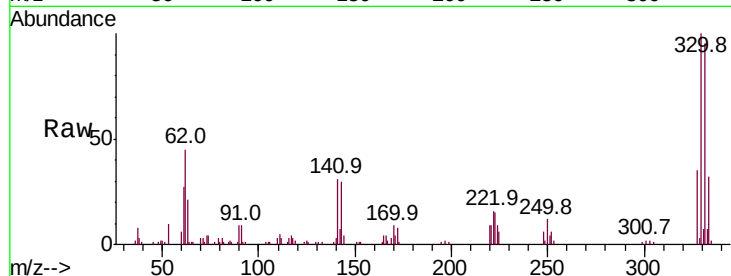
ClientSampleId :

SSTDCCC040

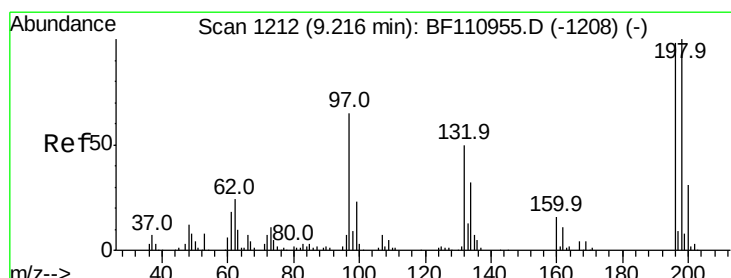
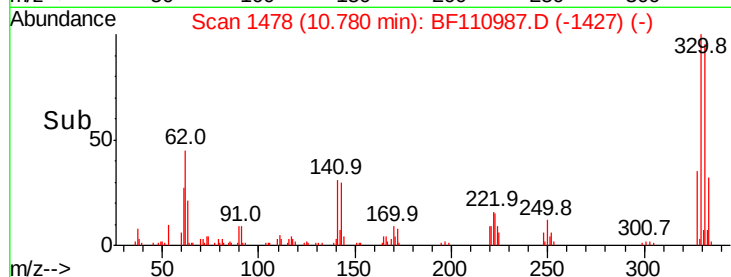
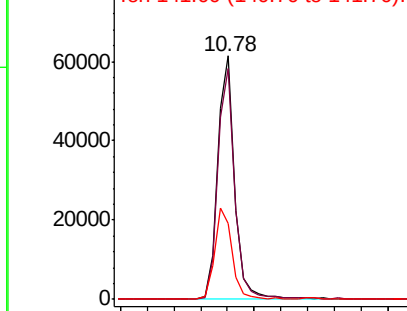
Tot Ion:	330	Resp:	55165
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.1	115.7
141	38.4	27.0	40.4

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 44.963 ng

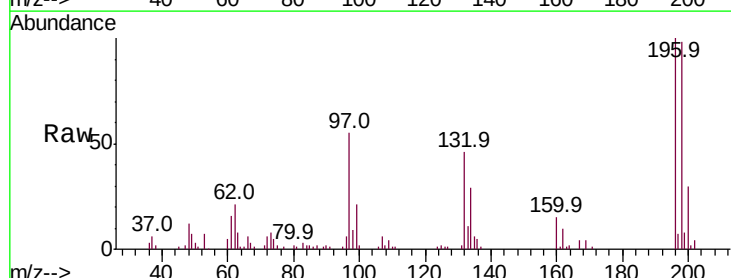
RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

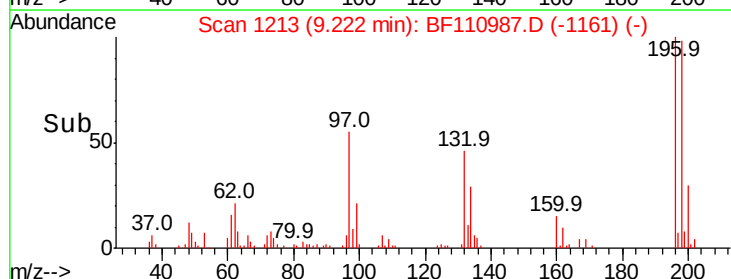
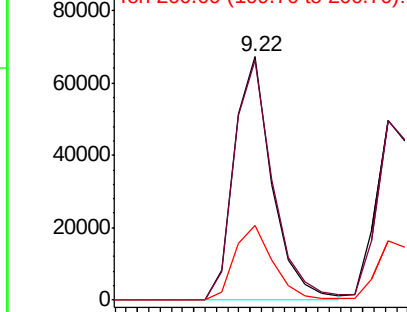
Lab File: BF110987.D

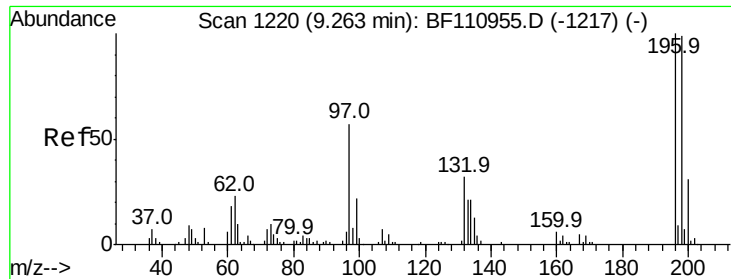
Acq: 27 Nov 2018 2:59

Tgt Ion:	196	Resp:	62714
Ion Ratio	Lower	Upper	
196	100		
198	98.3	76.2	114.4
200	30.5	24.4	36.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





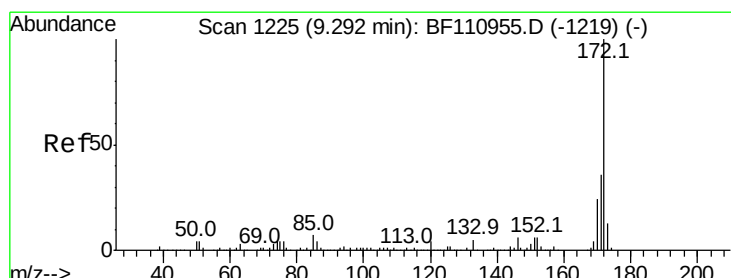
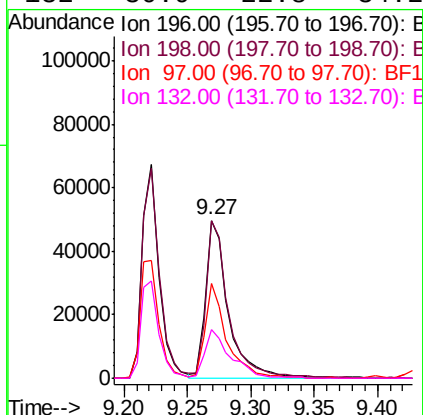
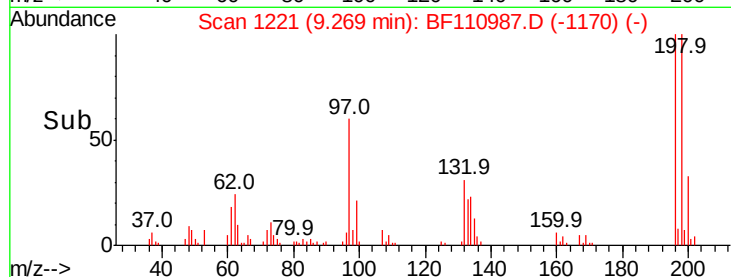
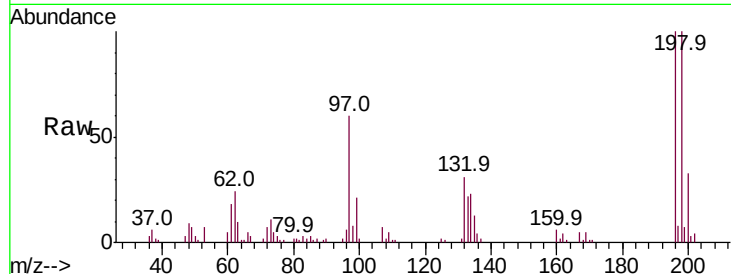
#44
2,4,5-Trichlorophenol
Concen: 42.922 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63037		
198	99.7	75.8	113.6	
97	60.2	42.4	63.6	
132	30.9	22.8	34.2	

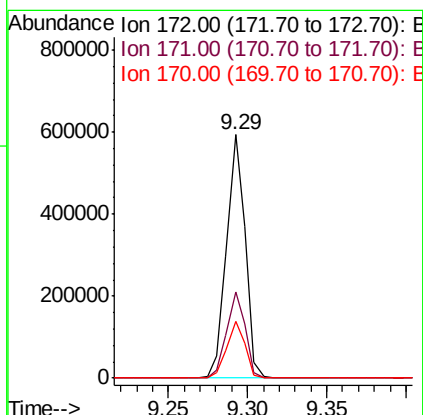
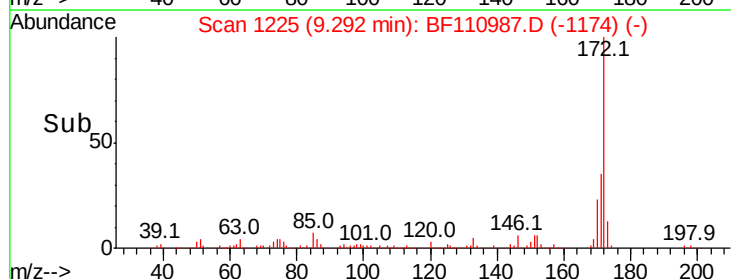
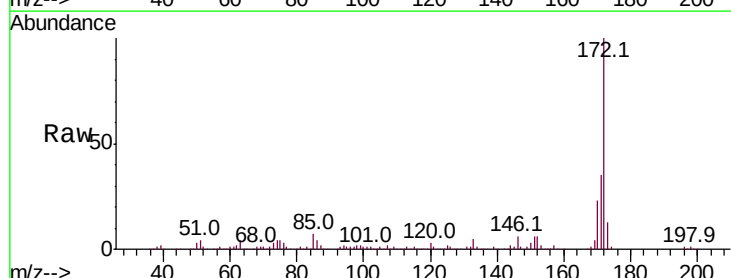
Manual Integrations
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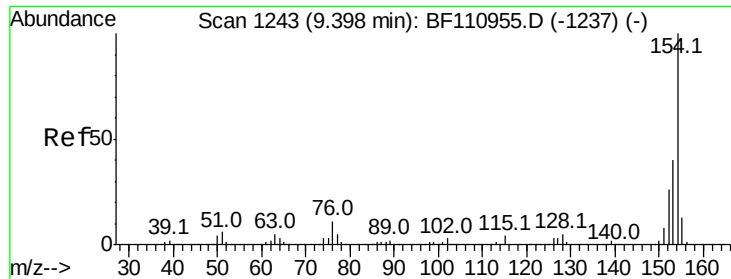
mohammad
11/27/2018 11:48:21 AM



#45
2-Fluorobiphenyl
Concen: 94.070 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	482041		
171	35.2	28.6	43.0	
170	23.2	19.7	29.5	





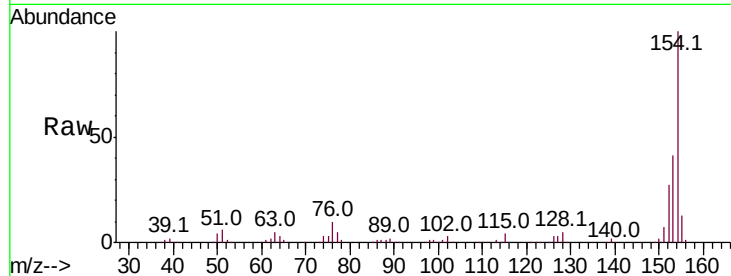
#46
1,1'-Biphenyl
Concen: 45.123 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.4	60.4
76	10.4	0.0	31.9

Manual Integrations
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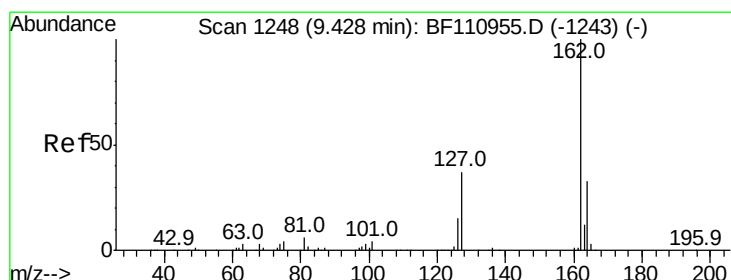
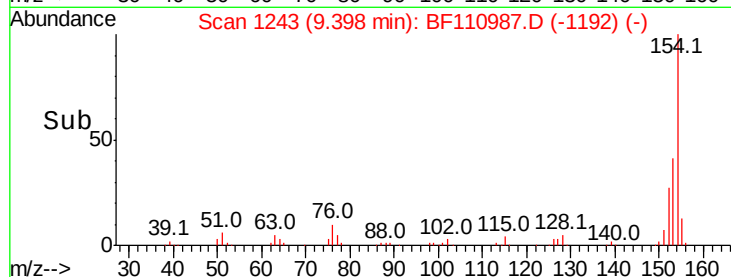
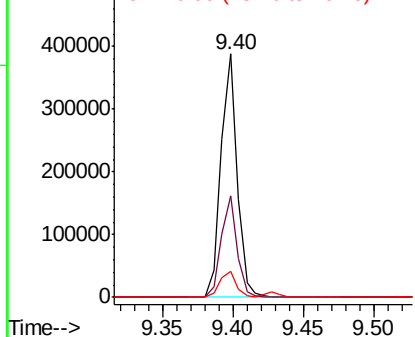


Abundance

Ion 154.00 (153.70 to 154.70): E

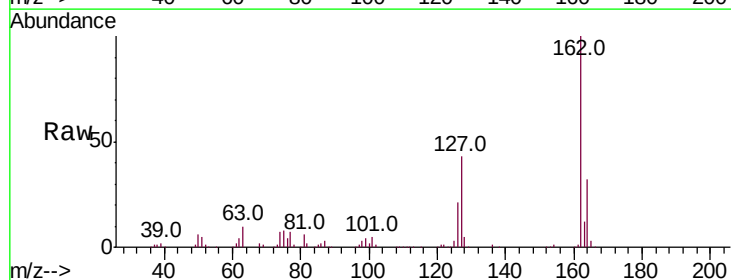
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
2-Chloronaphthalene
Concen: 43.194 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	32.6	48.8
164	32.2	25.9	38.9

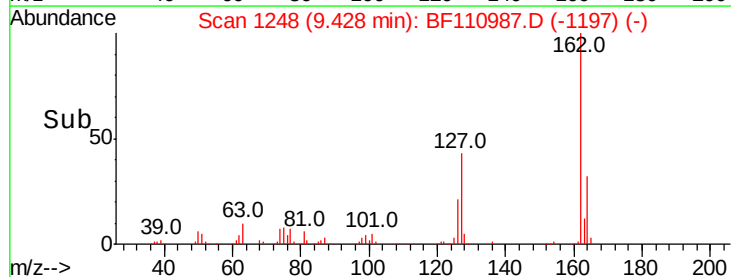
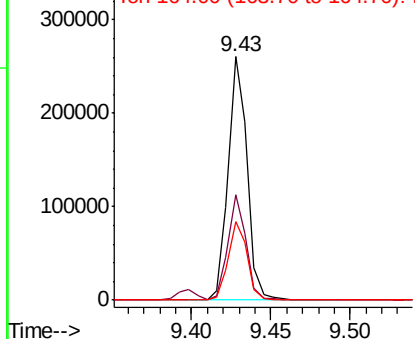


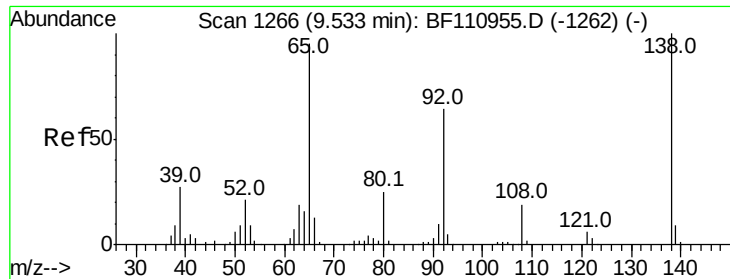
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





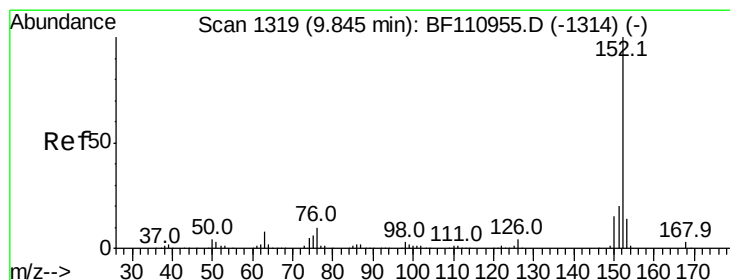
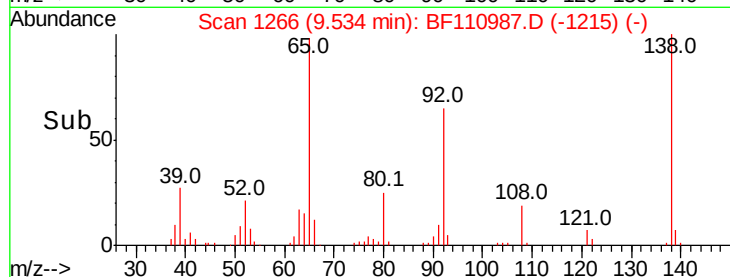
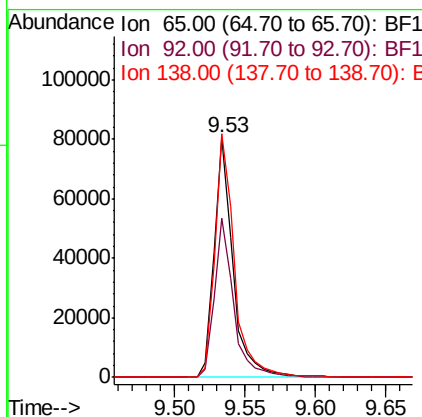
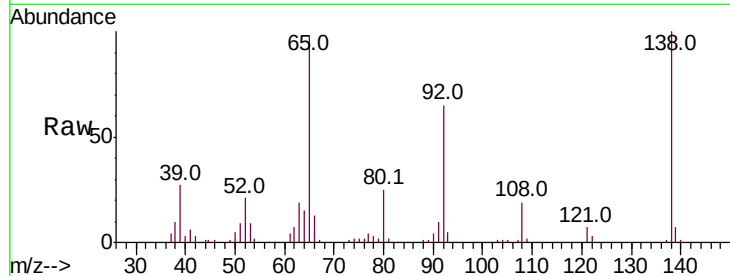
#48
2-Nitroaniline
Concen: 48.001 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.6	81.8
138	101.6	80.3	120.5

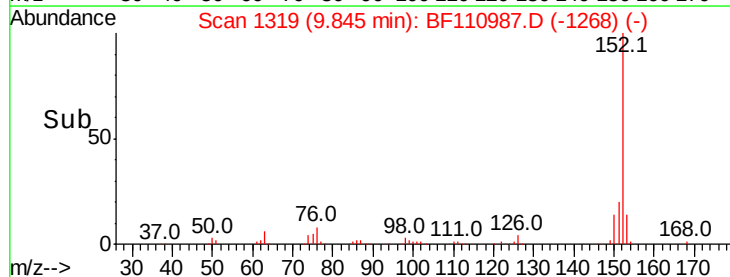
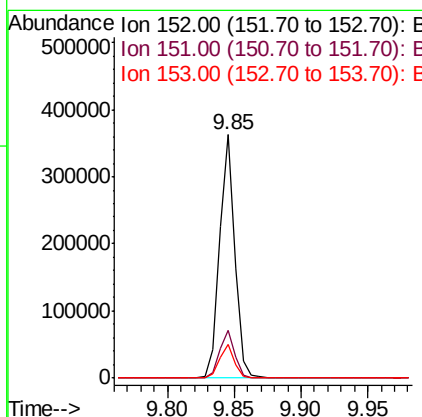
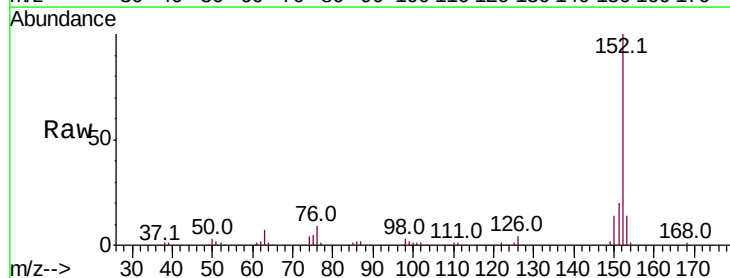
Manual Integrations
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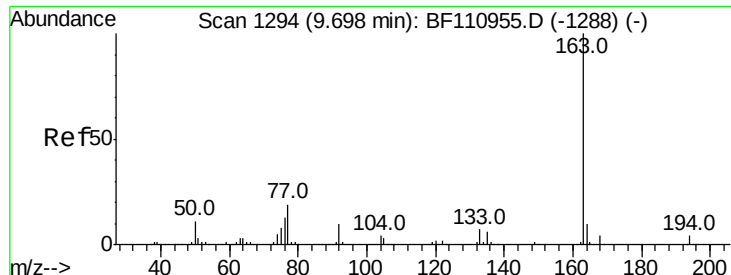
mohammad
11/27/2018 11:48:21 AM



#49
Acenaphthylene
Concen: 41.721 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.9	10.4	15.6





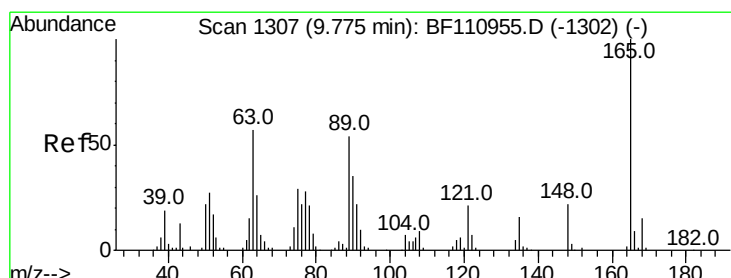
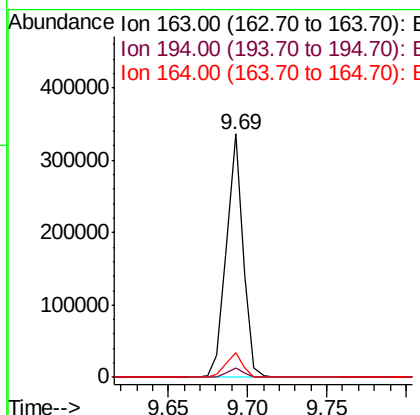
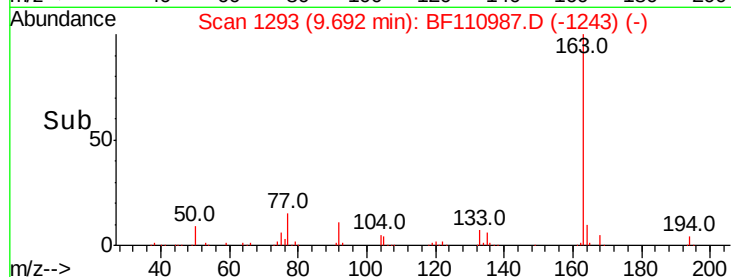
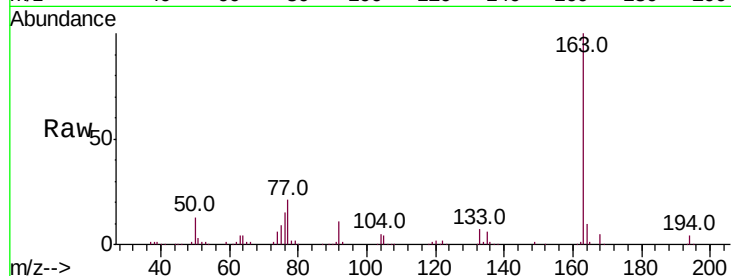
#50
Dimethylphthalate
Concen: 45.161 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.3	8.1	12.1

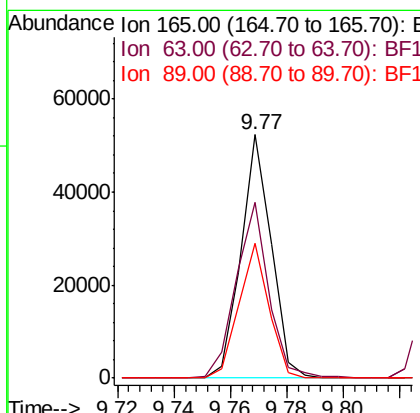
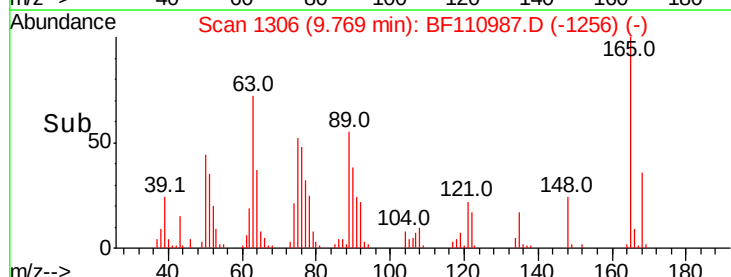
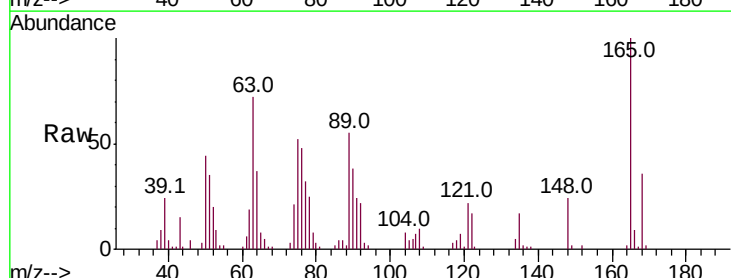
Manual Integrations
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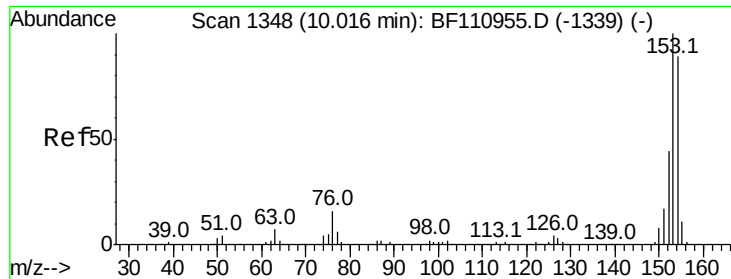
mohammad
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#51
2,6-Dinitrotoluene
Concen: 31.989 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	72.5	48.9	73.3
89	55.5	46.6	69.8





#52

Acenaphthene

Concen: 40.179 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

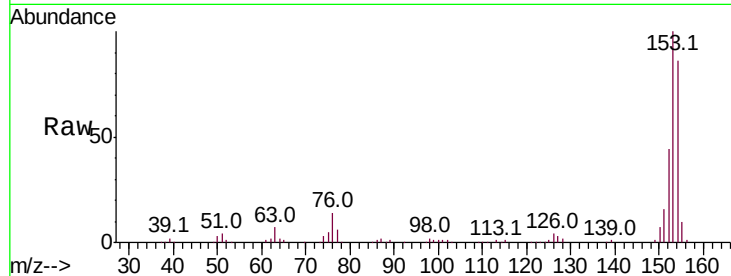
ClientSampleId :

SSTDCCC040

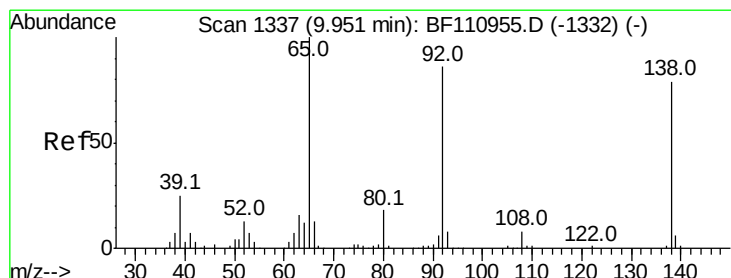
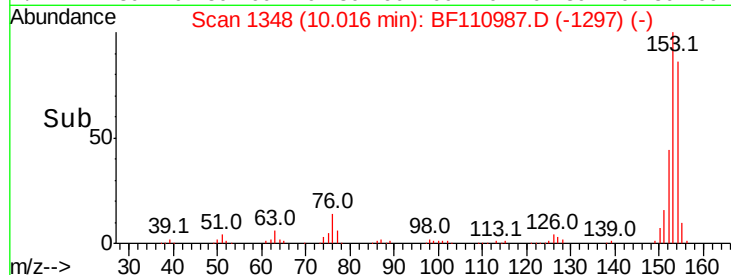
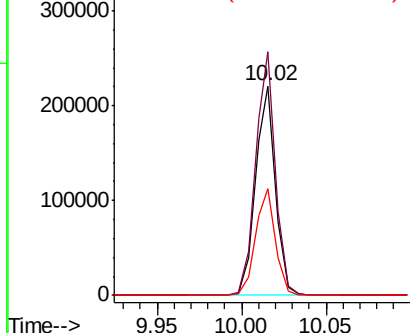
Tot Ion:	154	Resp:	181761
Ion Ratio	Lower	Upper	
154	100		
153	116.2	90.1	135.1
152	51.2	43.4	65.2

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 47.544 ng

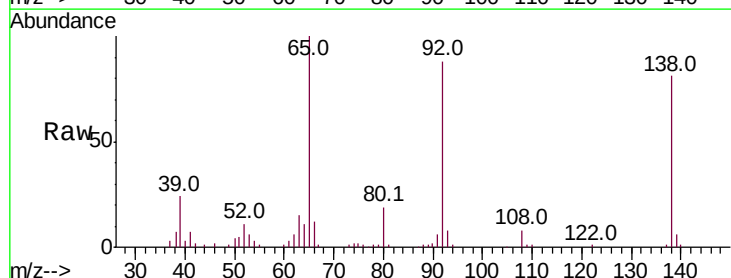
RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

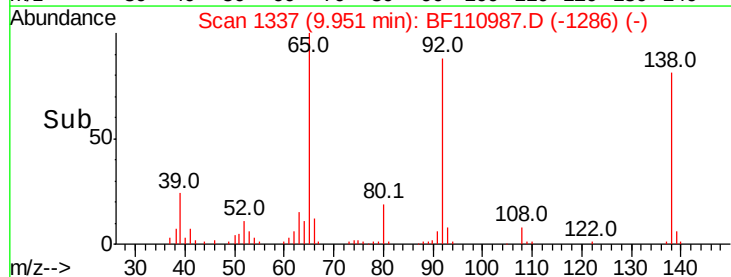
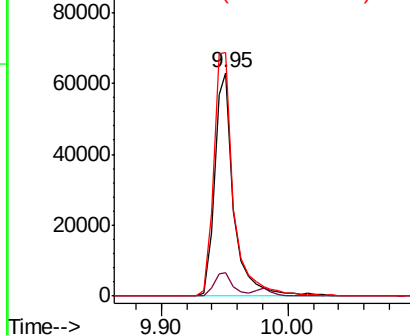
Lab File: BF110987.D

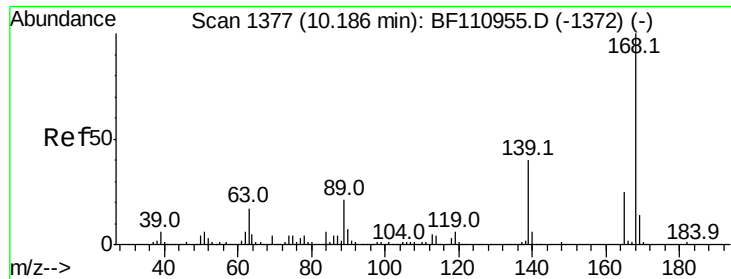
Acq: 27 Nov 2018 2:59

Tgt Ion:	138	Resp:	67167
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	108.9	97.0	145.4



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





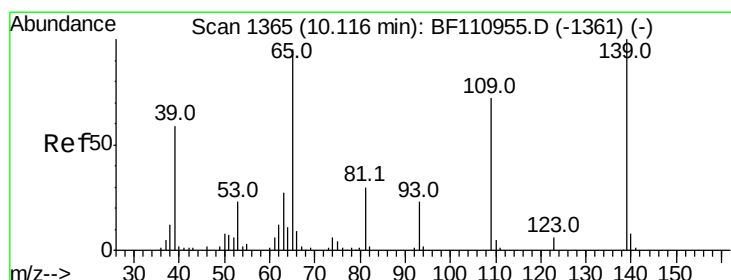
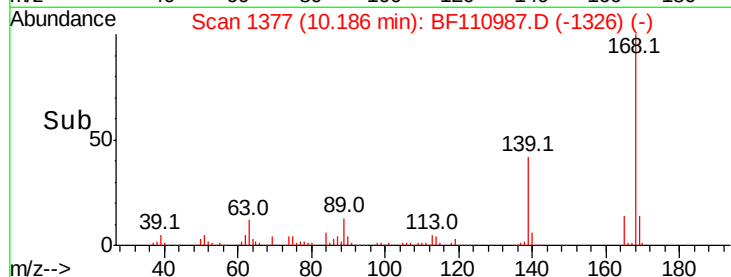
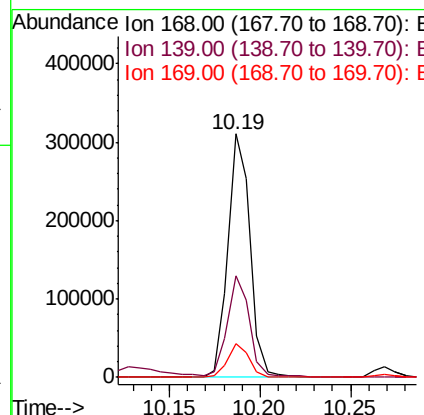
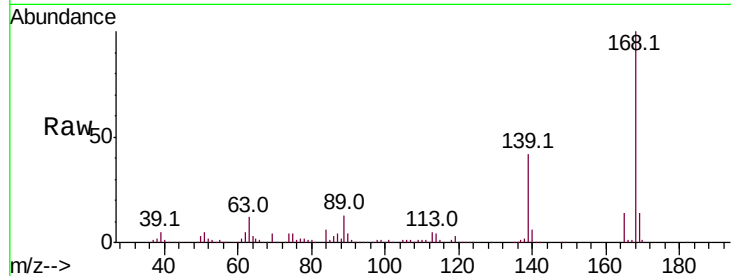
#55
Dibenzenofuran
Concen: 40.057 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.9	33.0	49.6	
169	13.8	11.3	16.9	

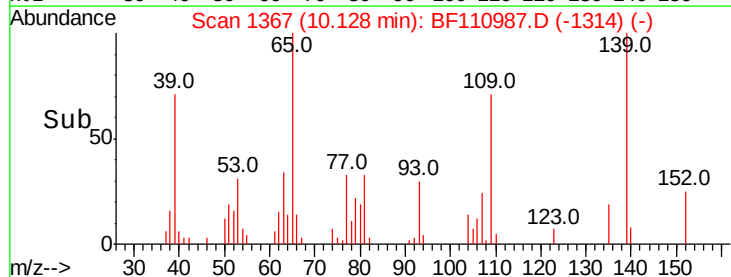
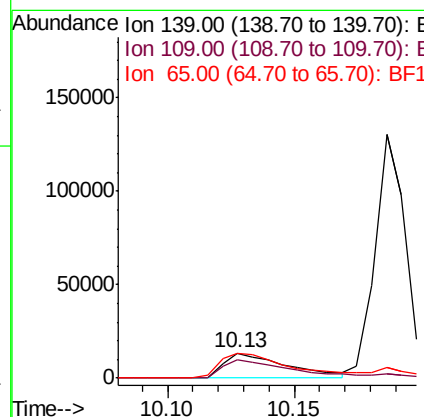
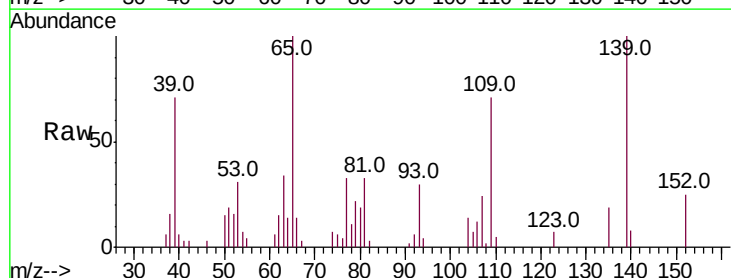
Manual Integrations
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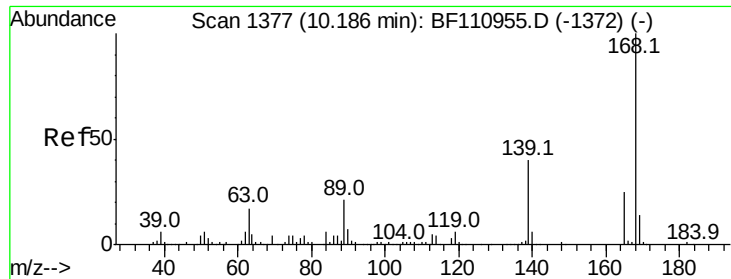
mohammad
11/27/2018 11:48:21 AM



#56
4-Nitrophenol
Concen: 32.298 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.3	55.8	95.8	
65	100.1	77.9	117.9	





#57

2,4-Dinitrotoluene

Concen: 26.852 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 42227

Ion Ratio Lower Upper

165 100

63 88.7 44.8 67.2#

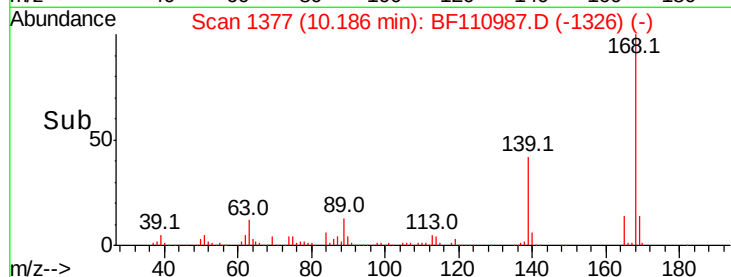
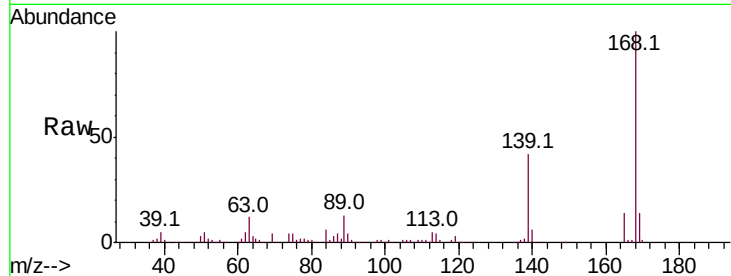
89 95.1 62.2 93.4#

182 2.3 2.1 3.1

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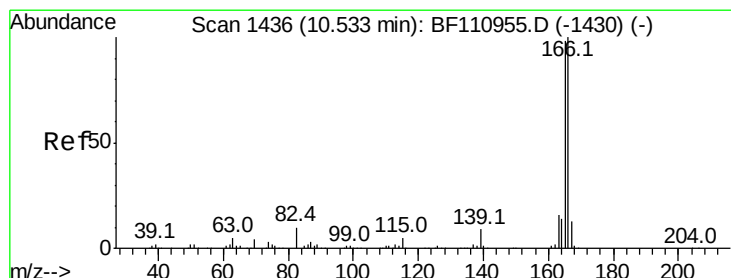
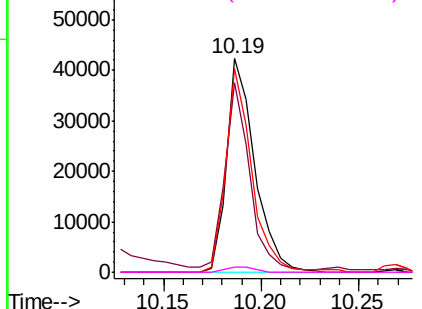


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.196 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

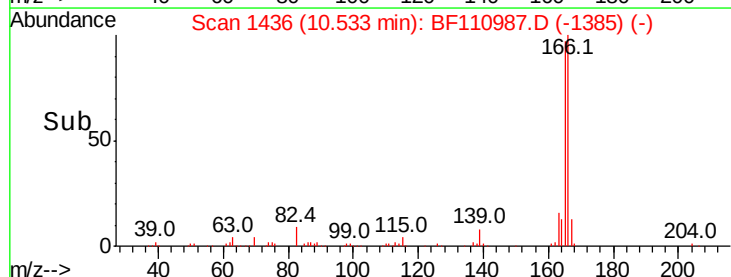
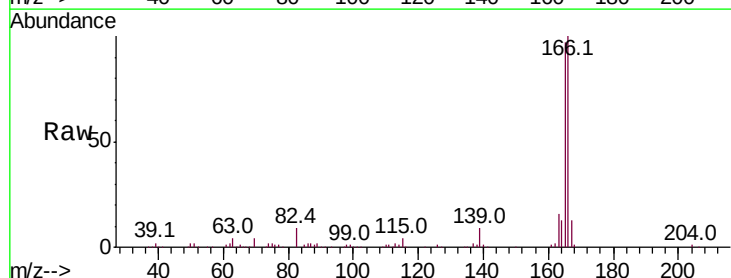
Tgt Ion:166 Resp: 201260

Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

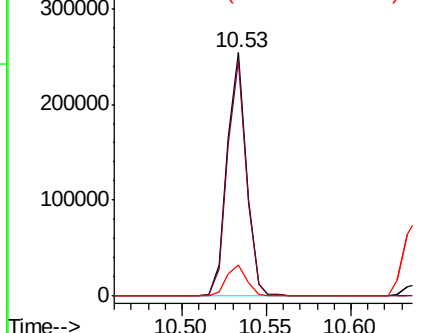
167 13.0 10.8 16.2

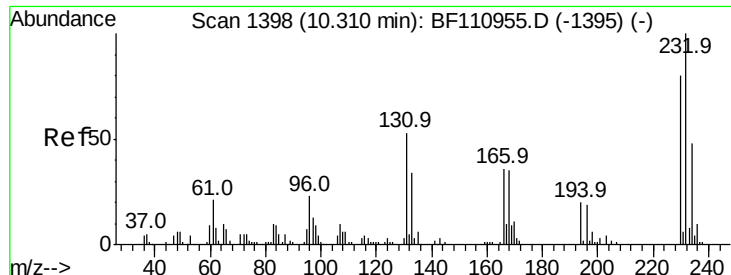


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





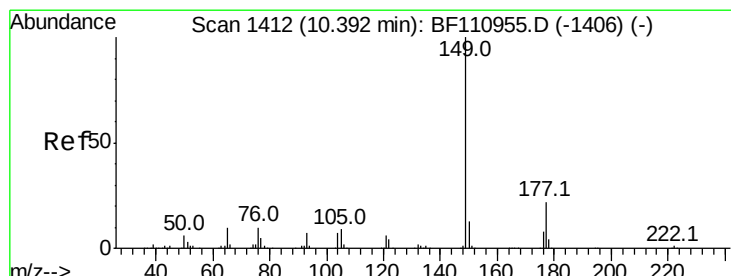
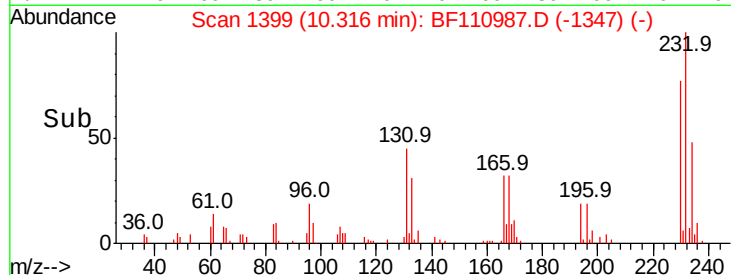
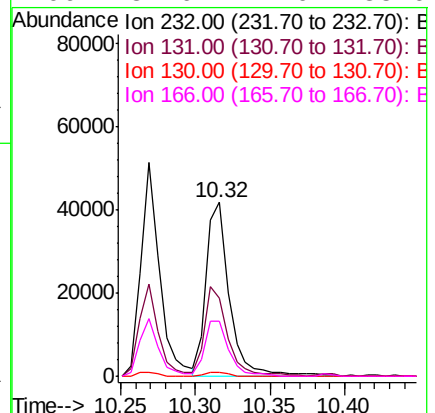
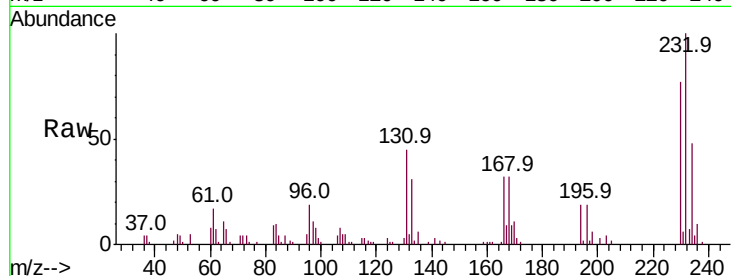
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.614 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.1	37.0	55.4
130	2.2	1.8	2.6
166	32.6	22.0	33.0

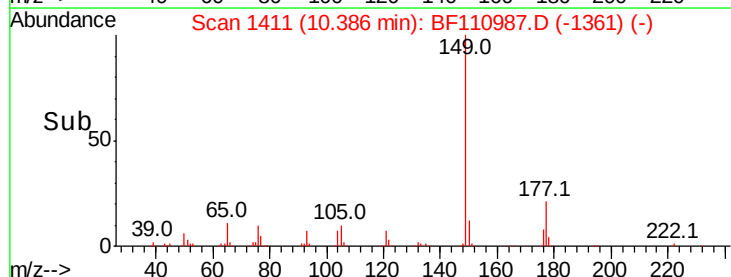
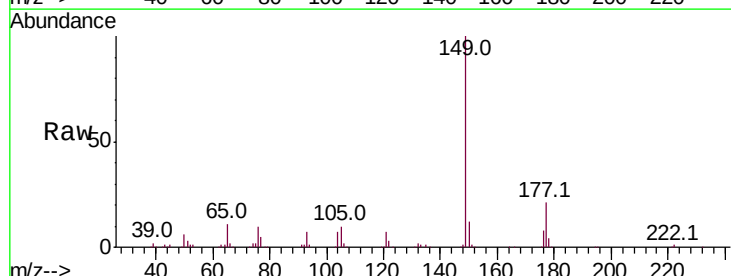
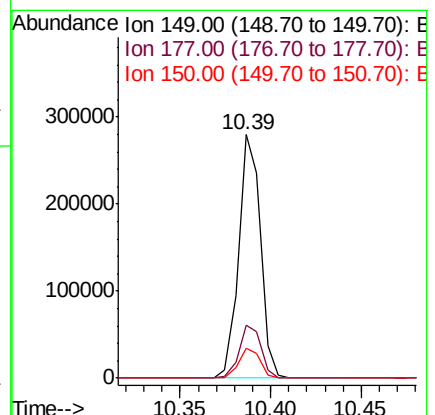
Manual Integrations
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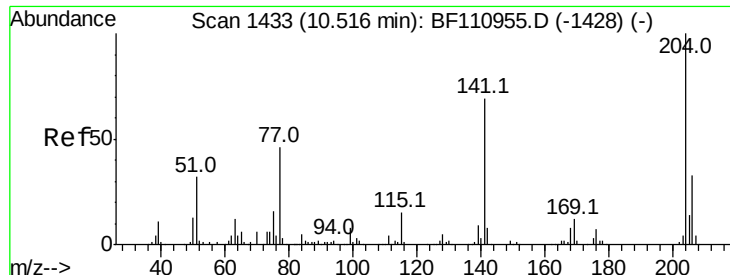
mohammad
11/27/2018 11:48:21 AM



#60
Diethylphthalate
Concen: 41.774 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.4	9.8	14.8





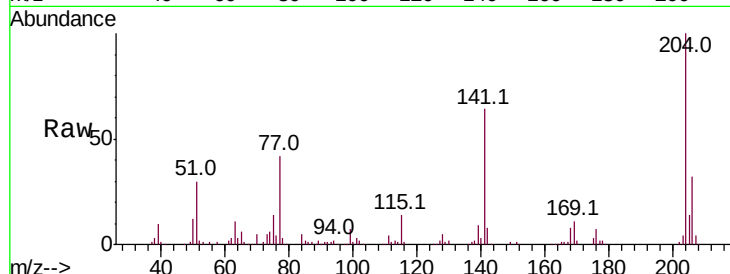
#61
4-Chlorophenyl-phenylether
Concen: 40.187 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	63.7	51.8	77.8

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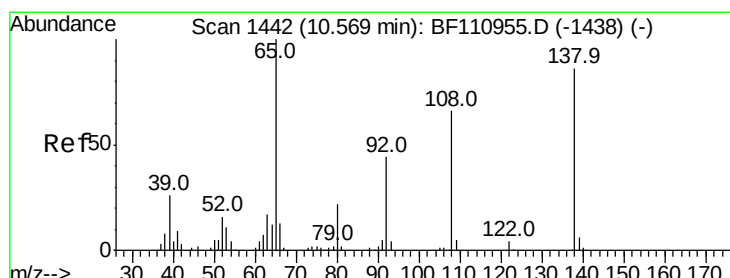
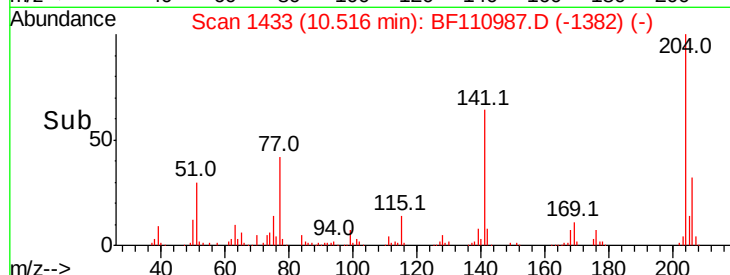
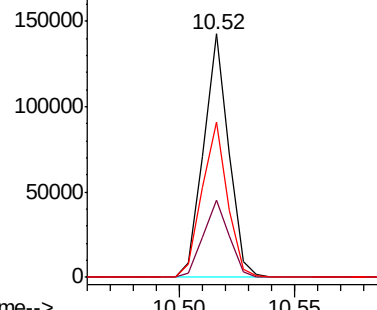


Abundance

Ion 204.00 (203.70 to 204.70): E

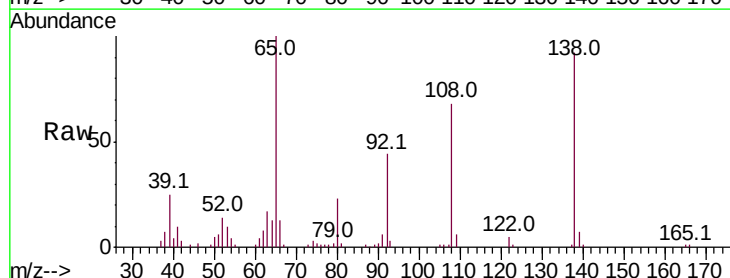
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.298 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	31.7	71.7
108	74.6	59.3	99.3

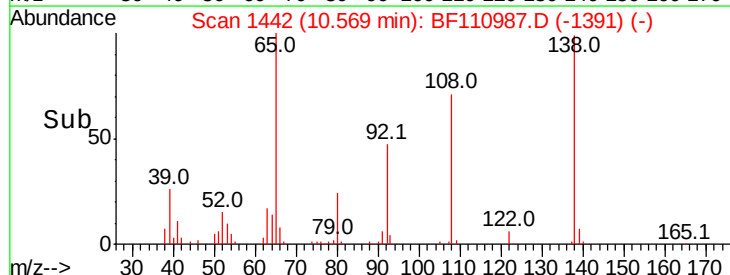
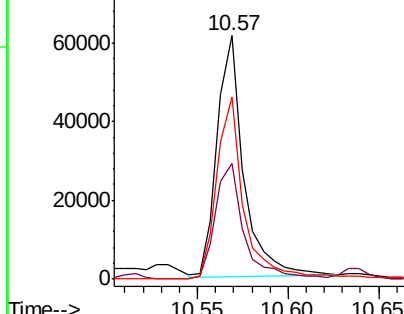


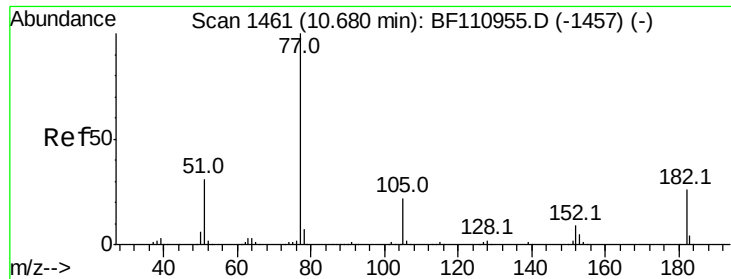
Abundance

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





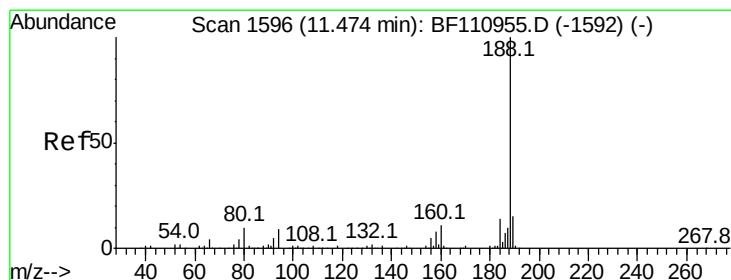
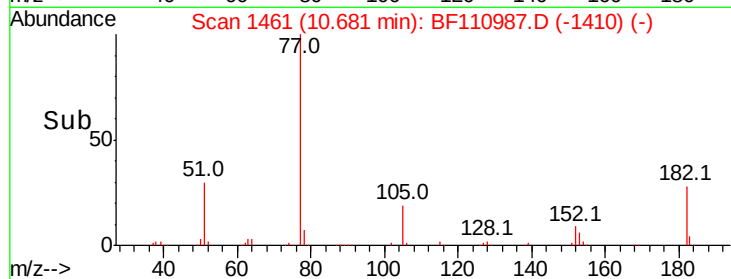
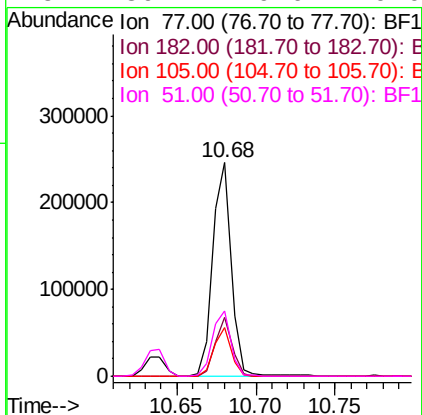
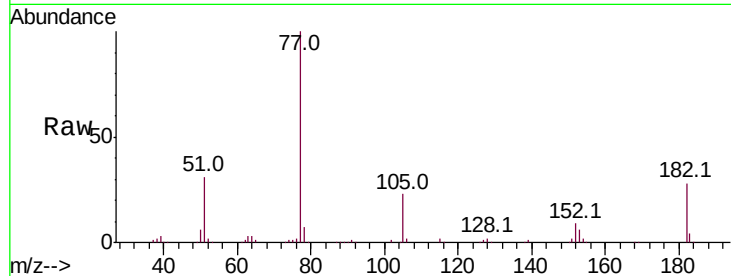
#63
Azobenzene
Concen: 36.754 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	4.3	44.3
105	23.0	1.3	41.3
51	30.7	9.0	49.0

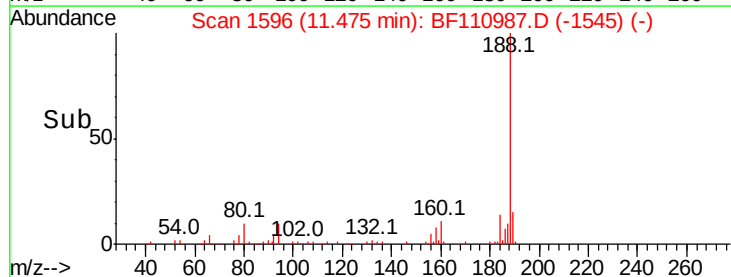
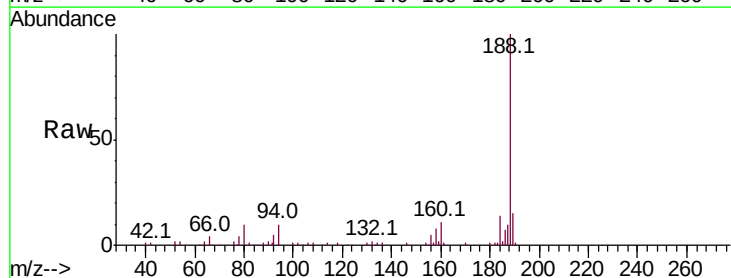
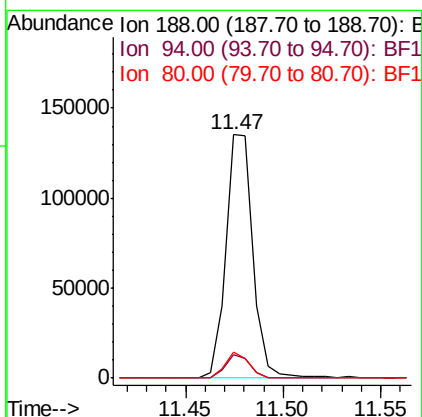
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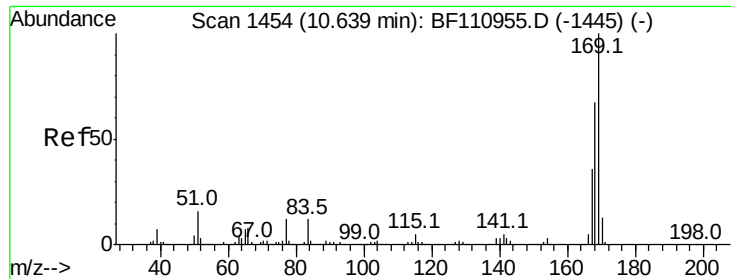
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.5	7.9	11.9





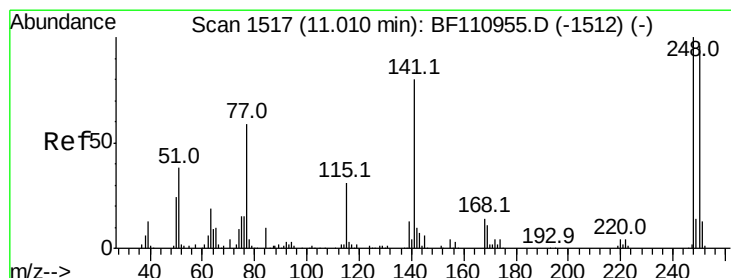
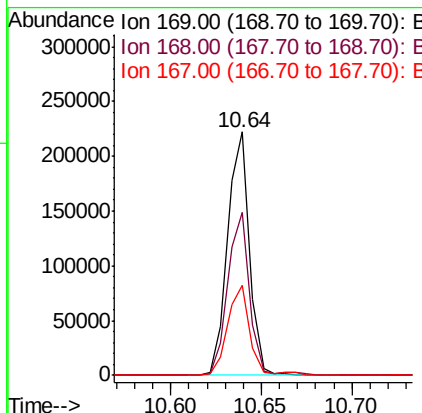
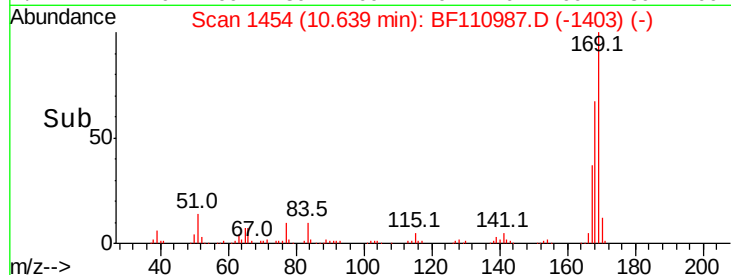
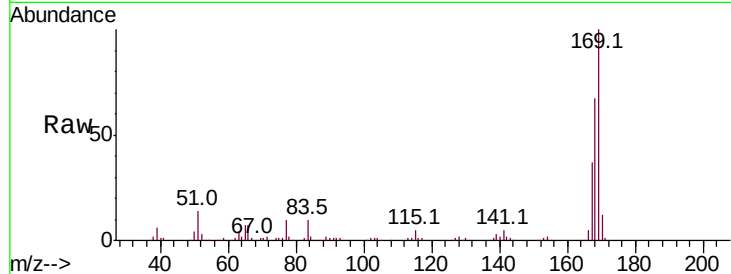
#66
 n-Nitrosodiphenylamine
 Concen: 43.278 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	186160		
168	67.1	51.2	76.8	
167	37.0	27.8	41.6	

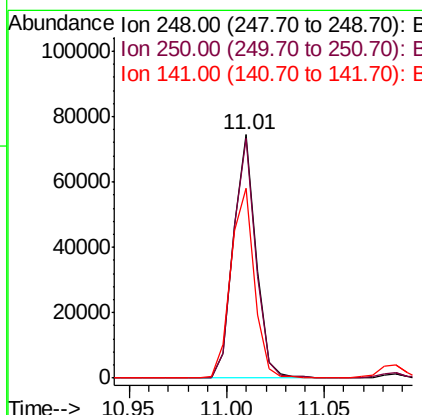
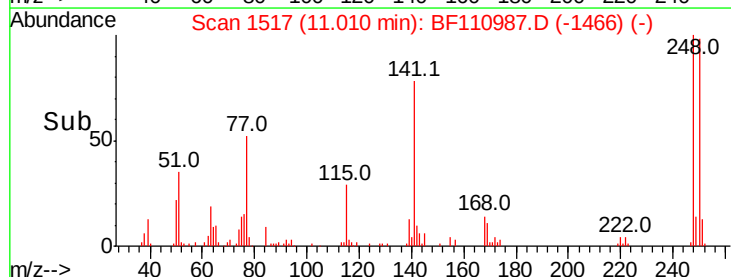
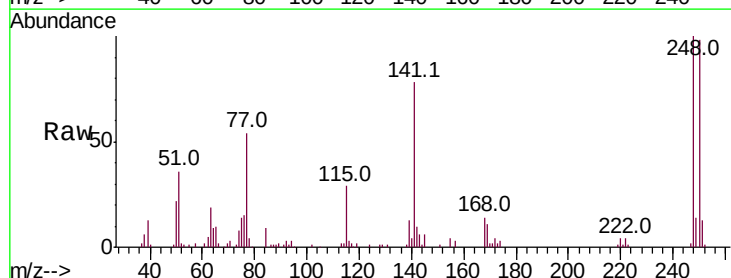
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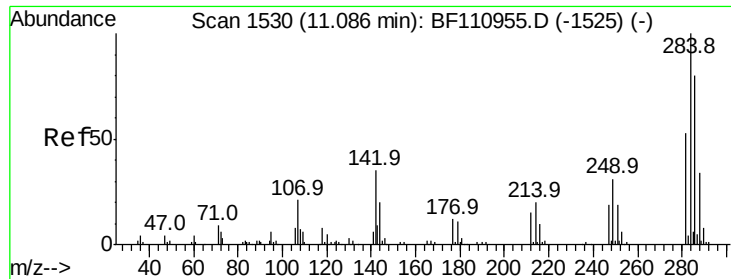
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#67
 4-Bromophenyl-phenylether
 Concen: 42.415 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	59688		
250	98.3	79.4	119.2	
141	78.0	55.9	83.9	





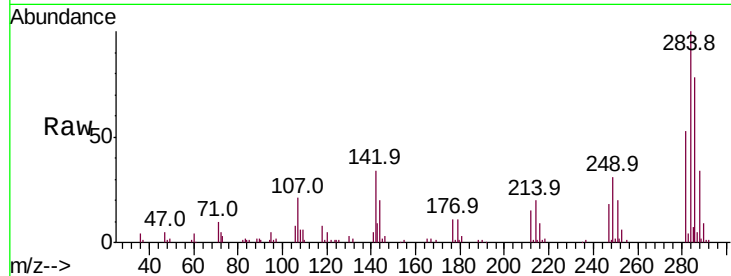
#68
Hexachlorobenzene
Concen: 41.392 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

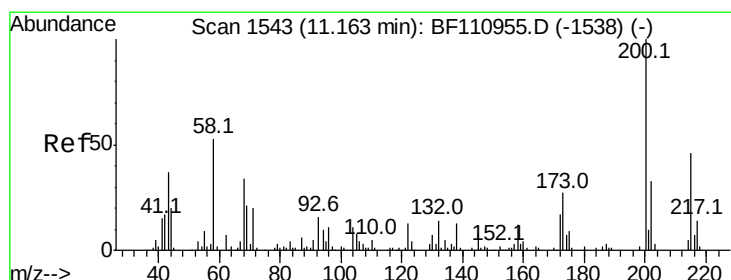
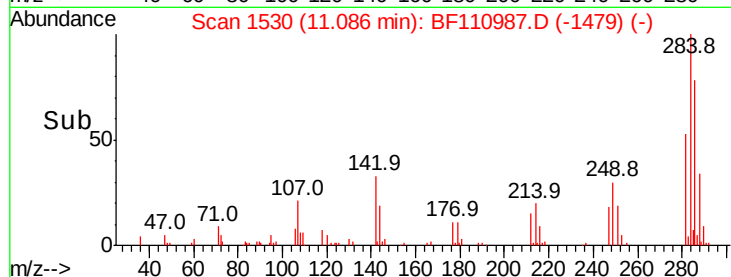
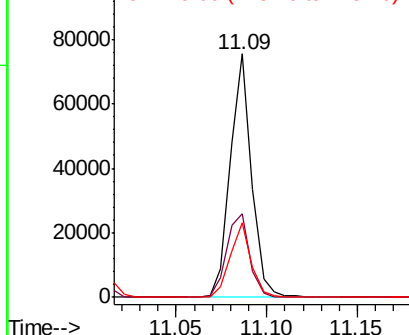
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.4	23.9	35.9	
249	30.6	24.2	36.2	

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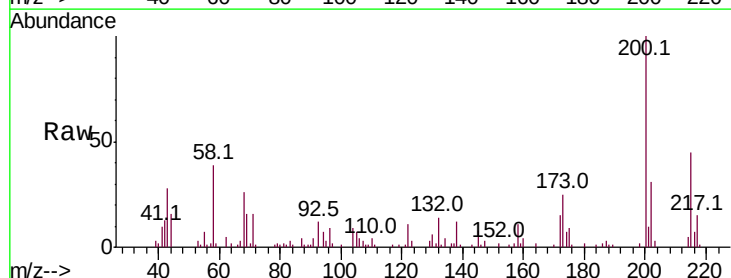


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

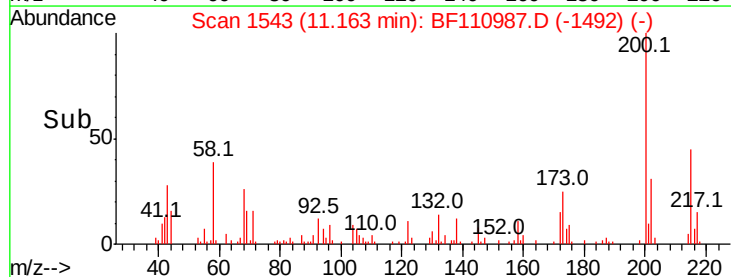
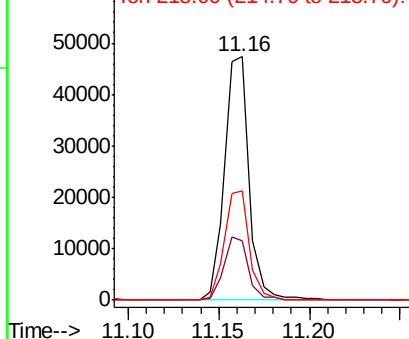


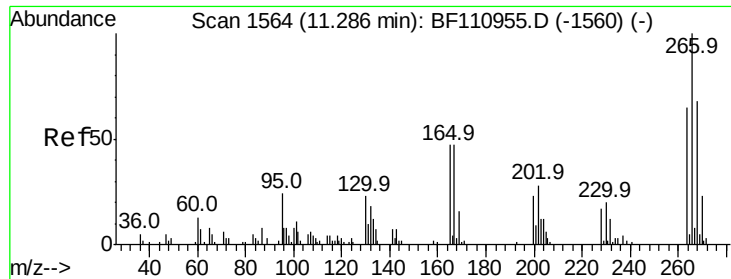
#69
Atrazine
Concen: 35.384 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.6	6.6	46.6	
215	45.0	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





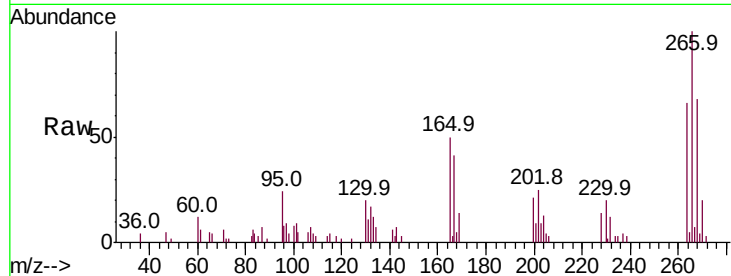
#70
 Pentachlorophenol
 Concen: 38.141 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

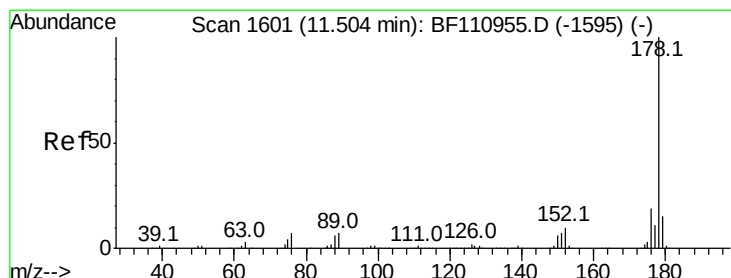
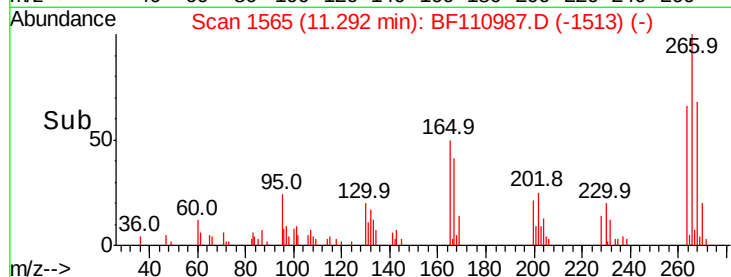
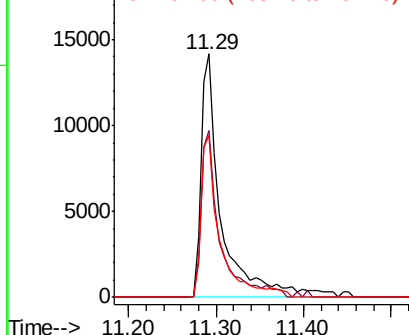
Tot Ion	Ratio	Resp	Lower	Upper
266	100	22745		
268	68.3		50.6	75.8
264	66.4		50.6	75.8

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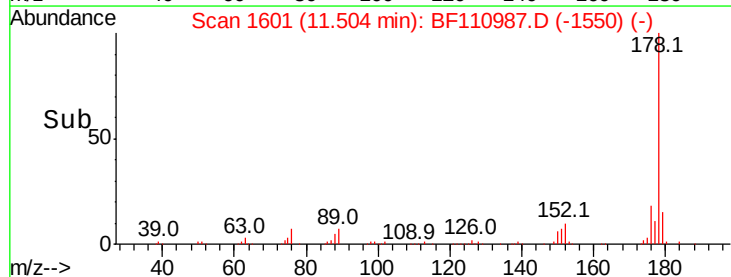
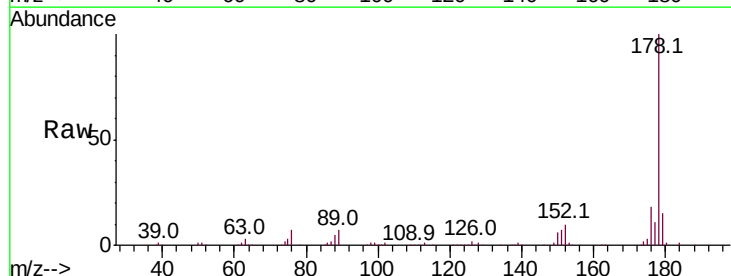
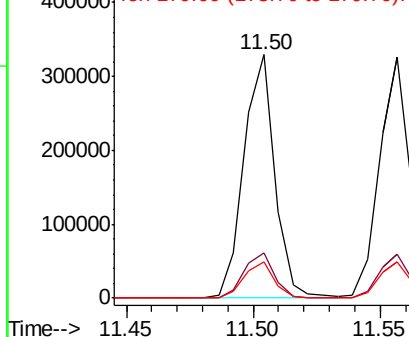
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

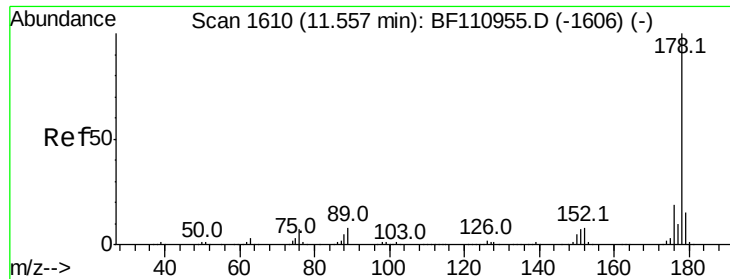


#71
 Phenanthrene
 Concen: 40.826 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	279391		
176	18.4		15.5	23.3
179	15.0		12.5	18.7

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





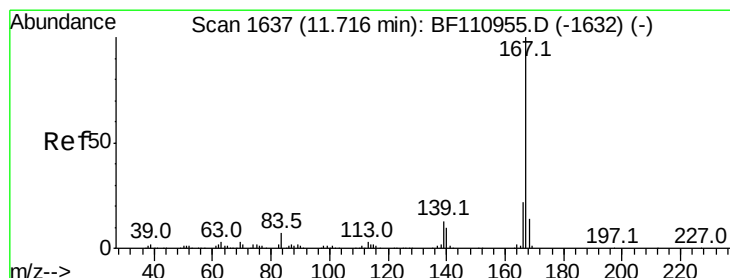
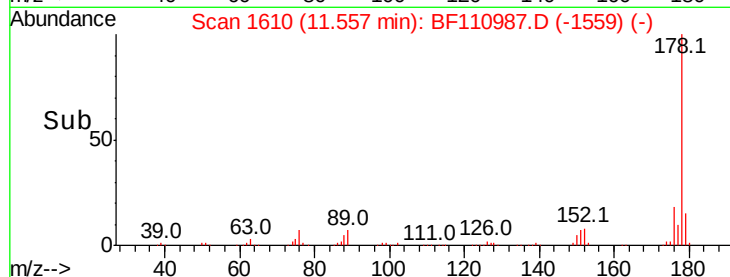
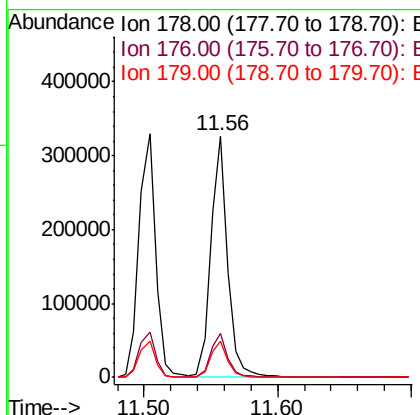
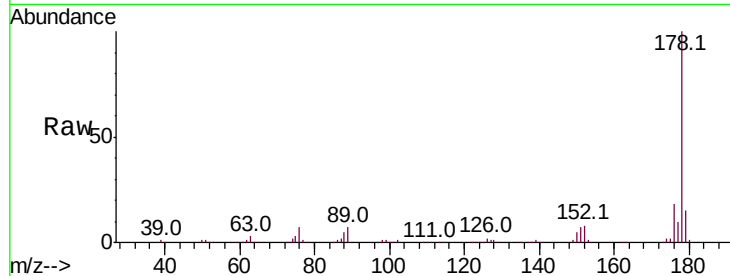
#72
 Anthracene
 Concen: 41.240 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.8	12.6	18.8

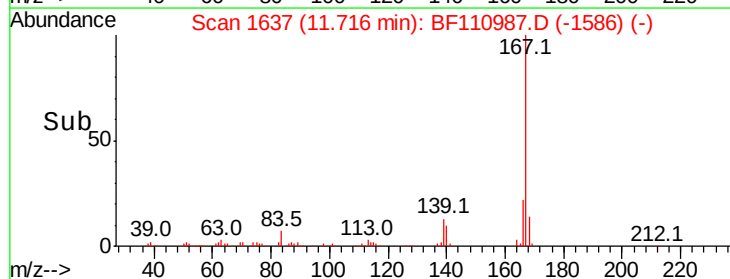
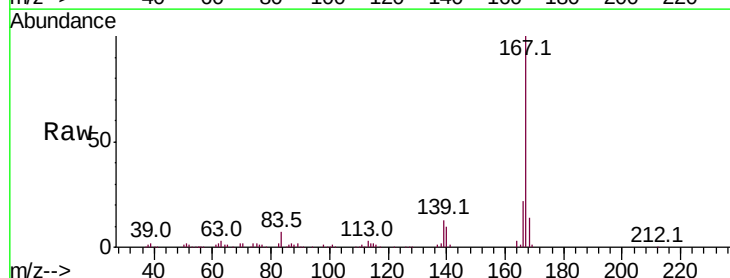
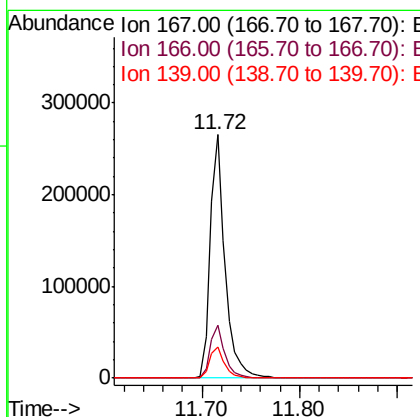
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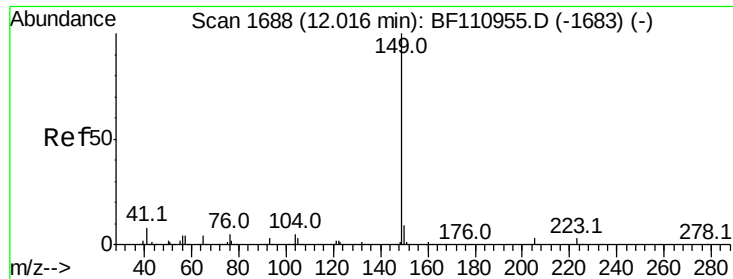
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#73
 Carbazole
 Concen: 41.186 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.9	10.9	16.3





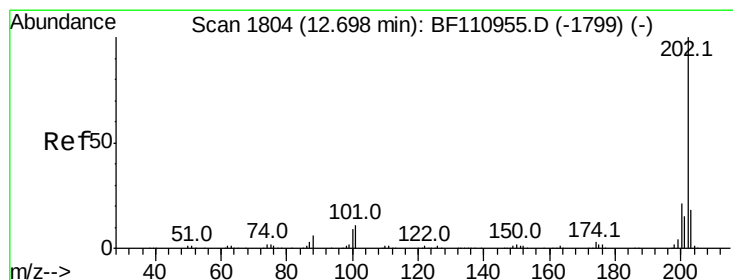
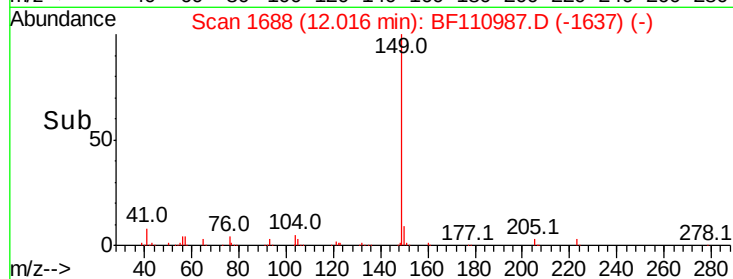
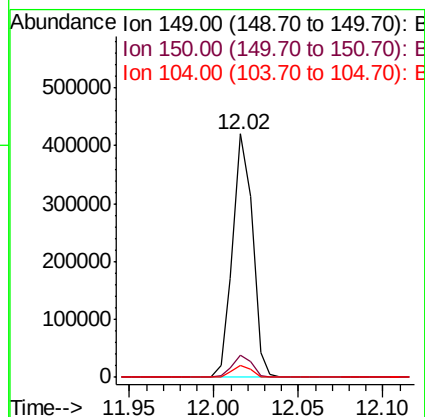
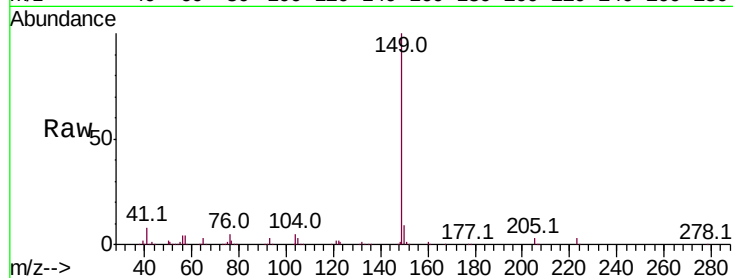
#74
Di-n-butylphthalate
Concen: 43.580 ng
RT: 12.02 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.7	11.5	
104	5.0	4.2	6.4	

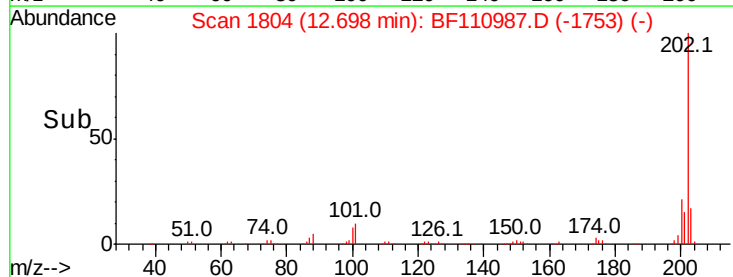
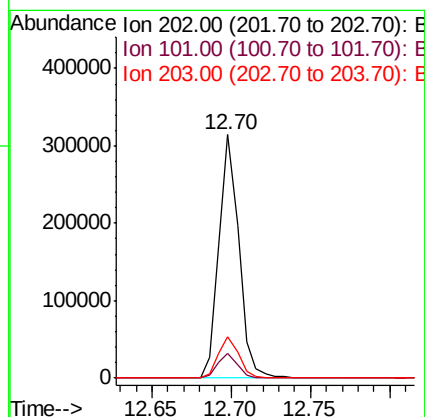
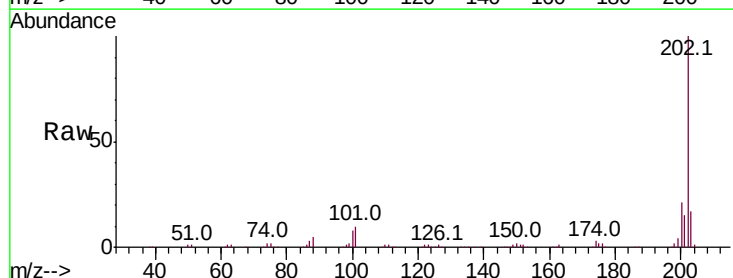
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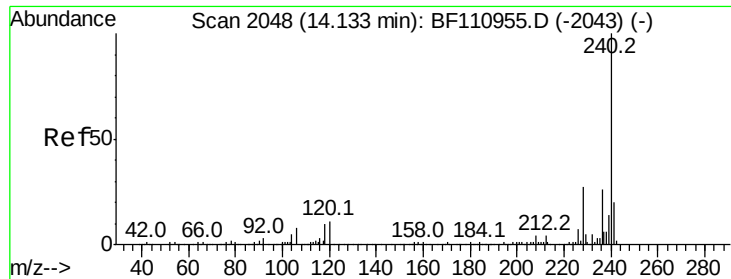
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#75
Fluoranthene
Concen: 39.331 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.3	0.0	31.4	
203	16.8	0.0	37.7	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

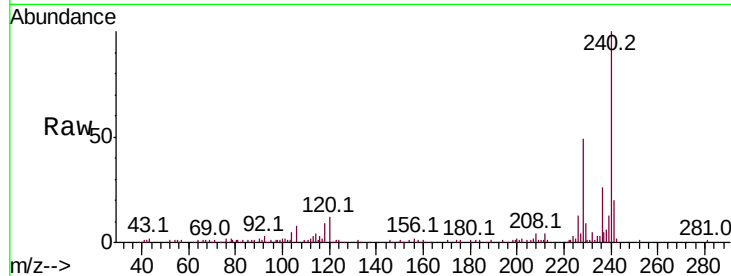
ClientSampleId :

SSTDCCC040

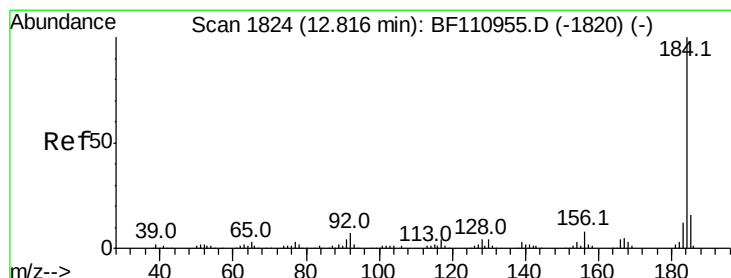
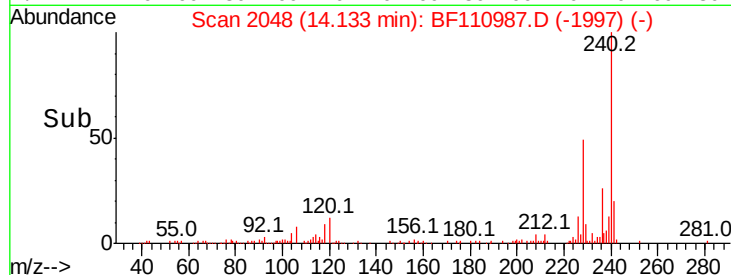
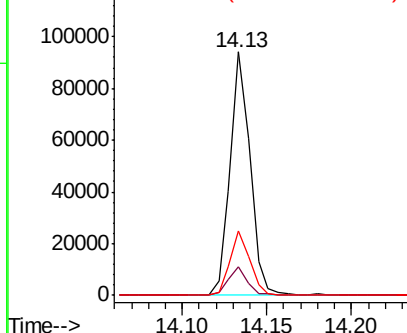
Tot Ion:	240	Resp:	77392
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.3	12.5
236	26.2	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 79.455 ng

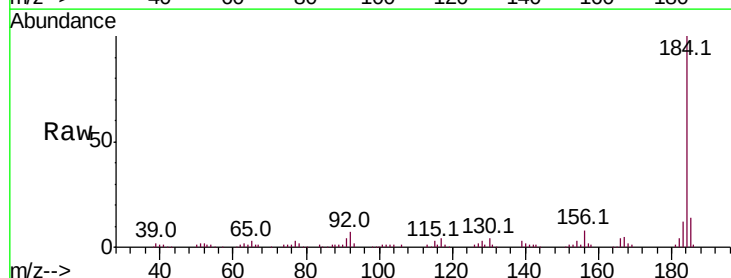
RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

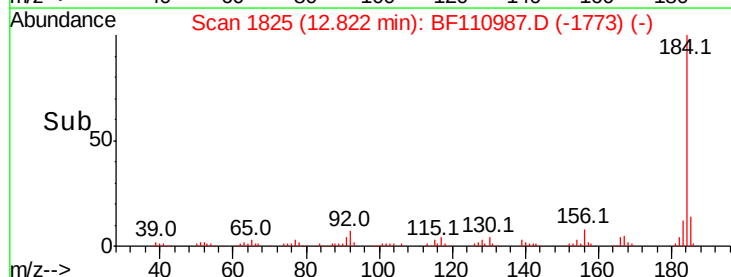
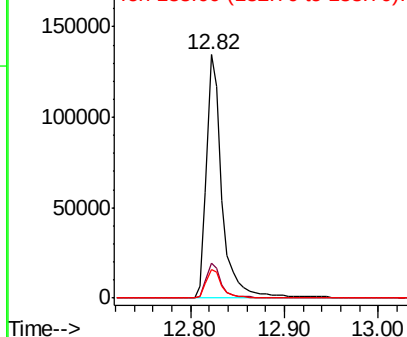
Lab File: BF110987.D

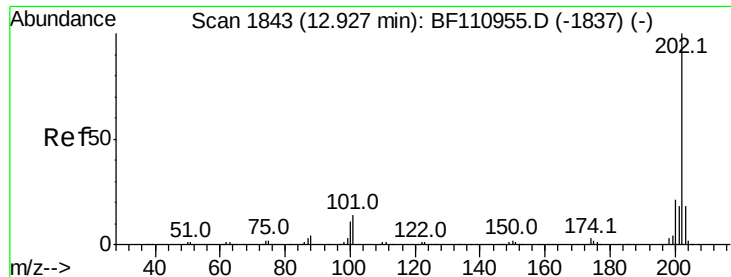
Acq: 27 Nov 2018 2:59

Tgt Ion:	184	Resp:	157284
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.2
183	11.8	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





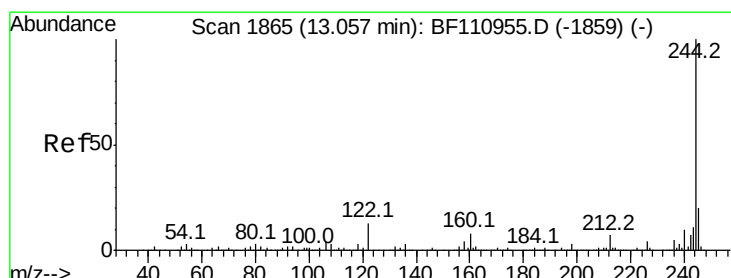
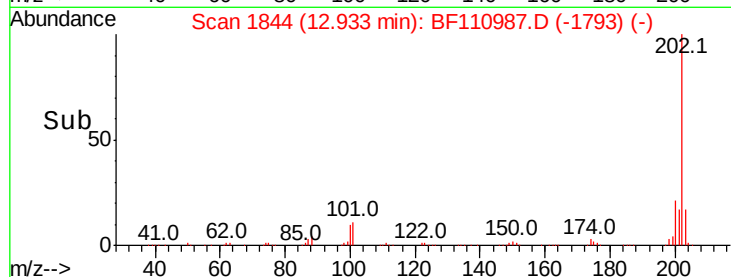
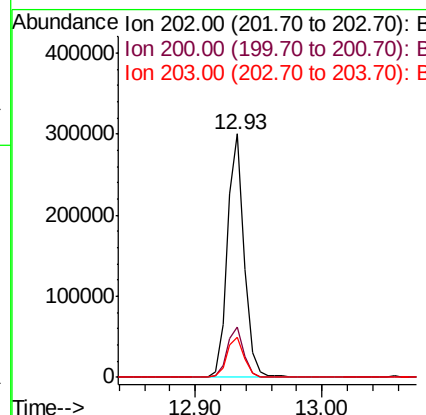
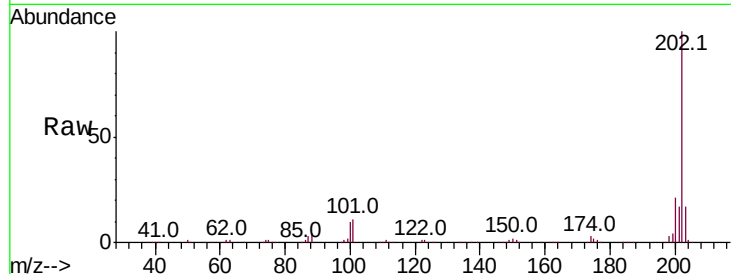
#78
Pvrene
Concen: 48.573 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.8	26.6
203	16.7	14.2	21.4

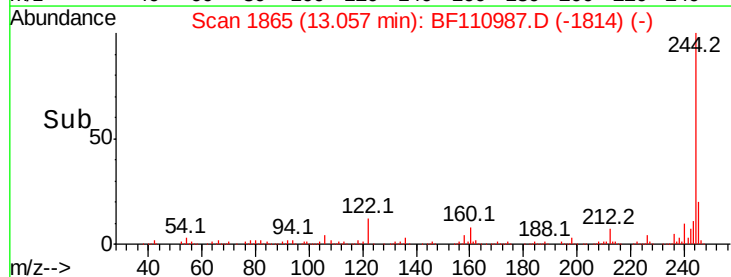
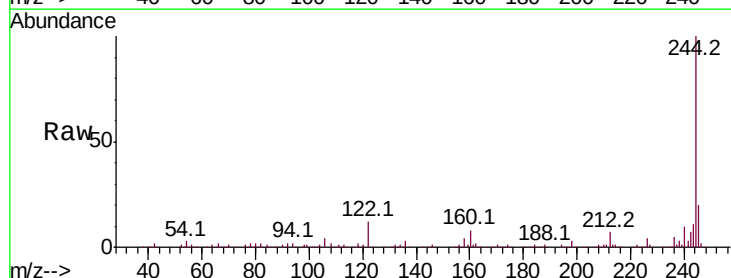
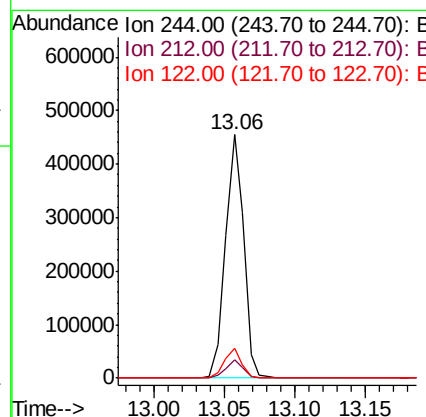
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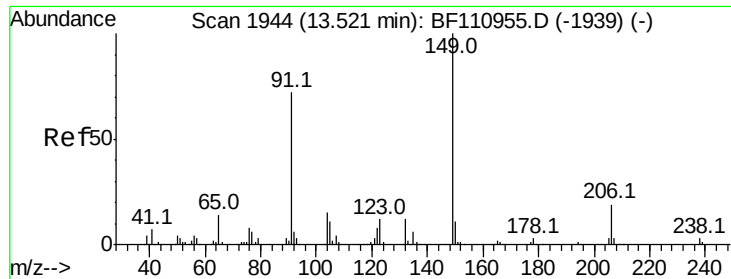
mohammad
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#79
Terphenyl-d14
Concen: 102.753 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.1	8.7	13.1





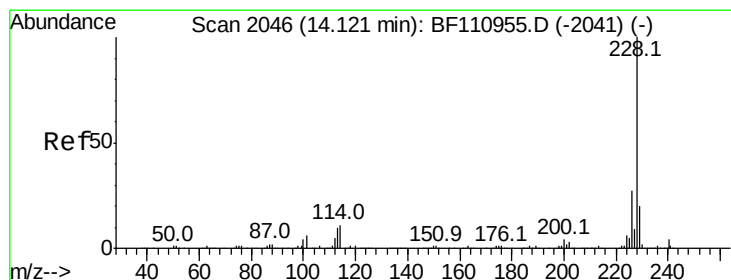
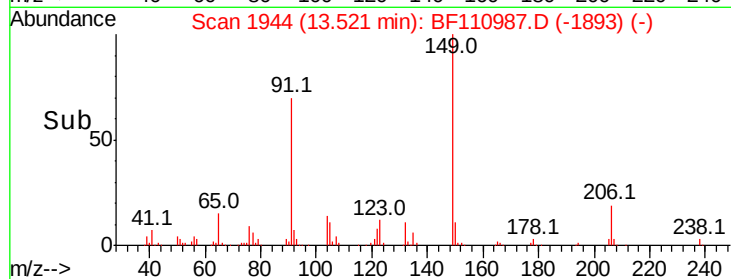
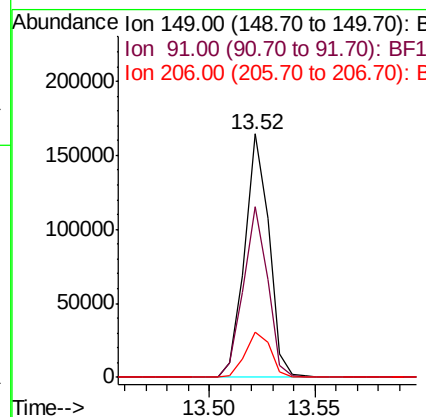
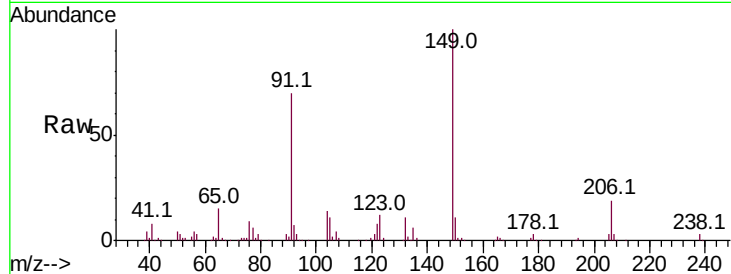
#80
Butylbenzylphthalate
Concen: 51.262 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	130821		
91	70.1	57.2	85.8	
206	18.5	15.7	23.5	

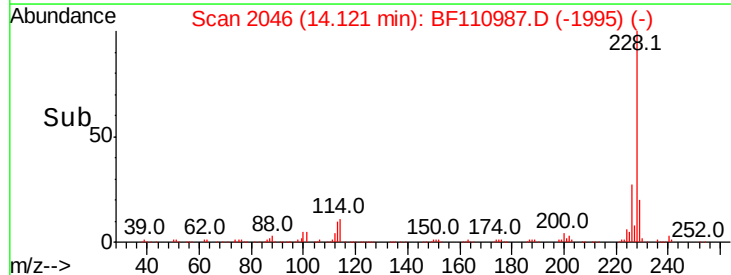
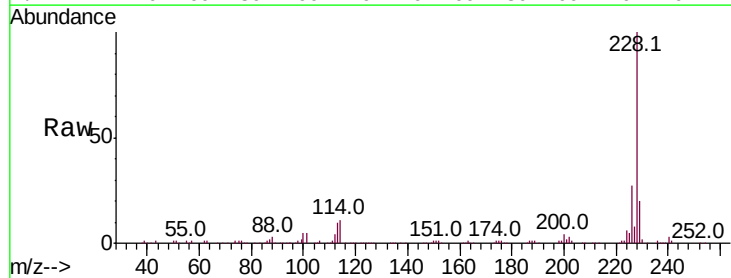
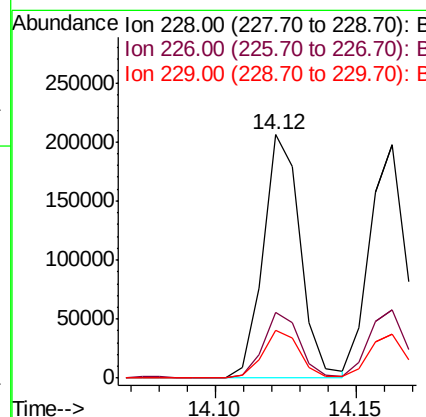
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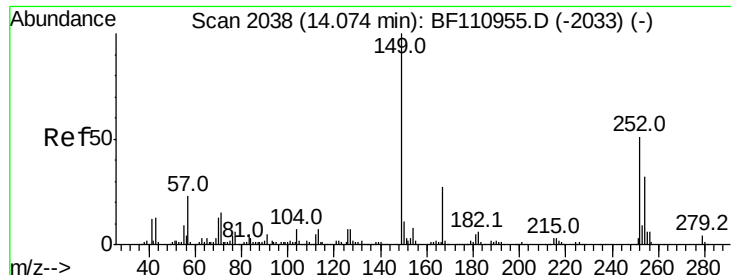
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#81
Benzo(a)anthracene
Concen: 41.095 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	187766		
226	27.1	22.1	33.1	
229	19.9	15.6	23.4	





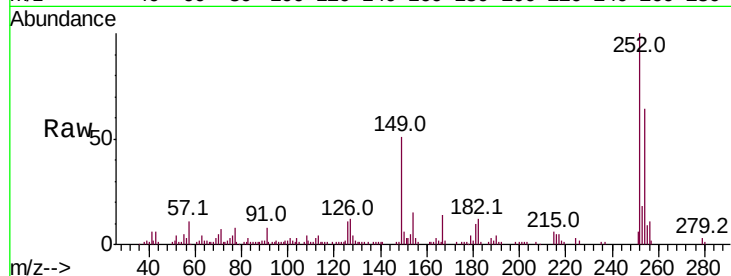
#82
 3,3'-Dichlorobenzidine
 Concen: 49.971 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	11.1	9.4	14.2

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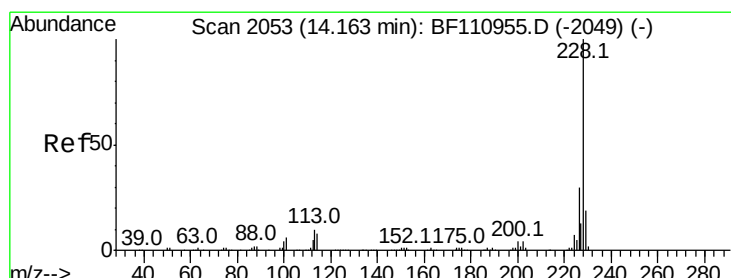
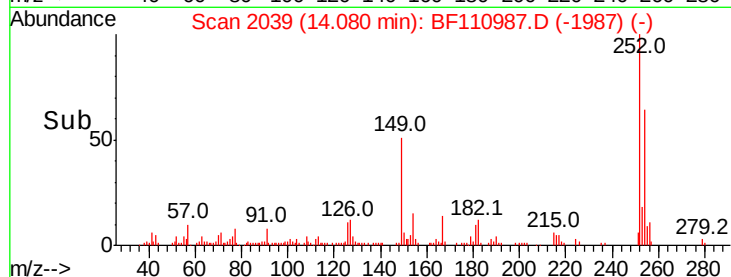
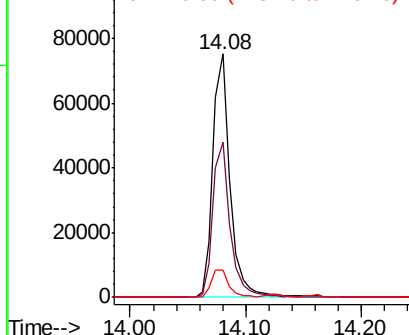


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 40.031 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

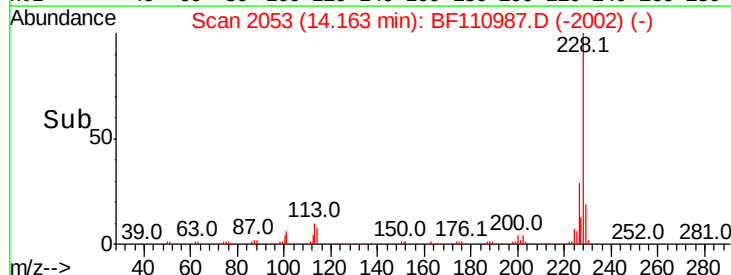
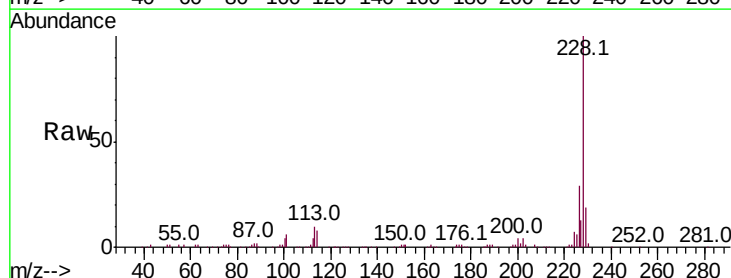
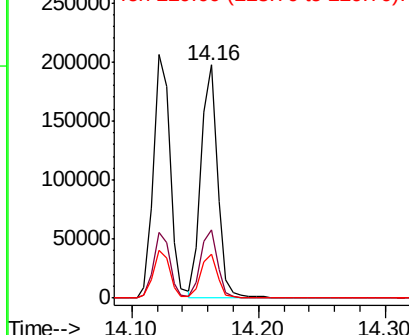
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	18.8	15.9	23.9

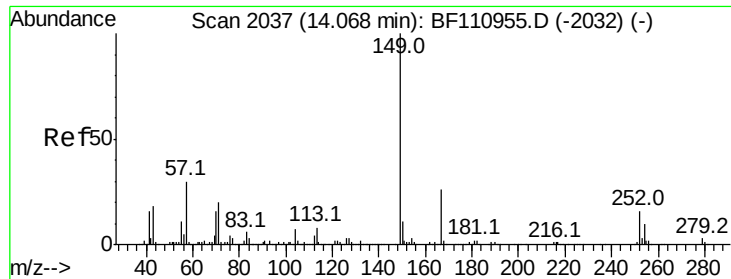
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.292 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Instrument :

BNA_F

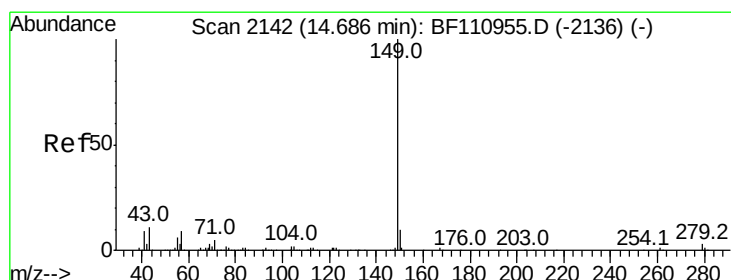
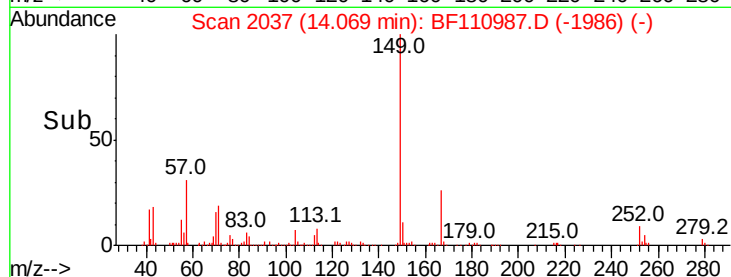
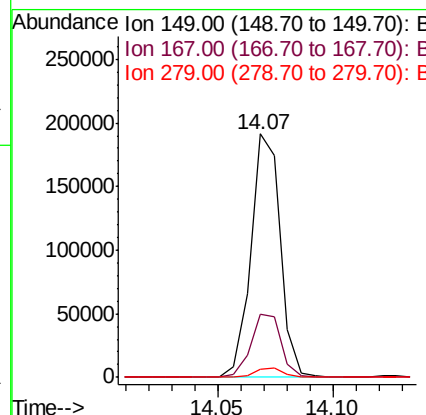
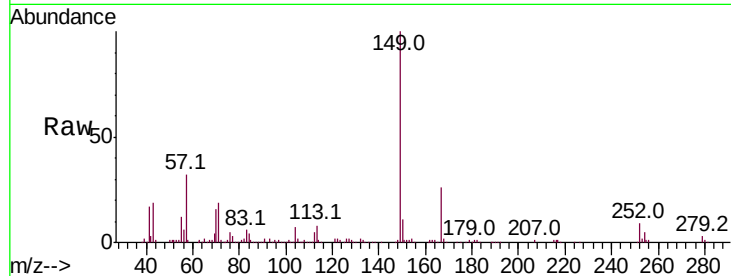
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	171017
Ion Ratio		Lower	Upper
149	100		
167	25.8	19.8	29.8
279	3.1	2.7	4.1

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#85

Di-n-octyl phthalate

Concen: 46.150 ng

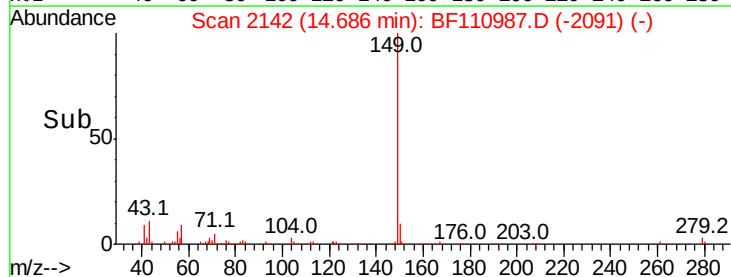
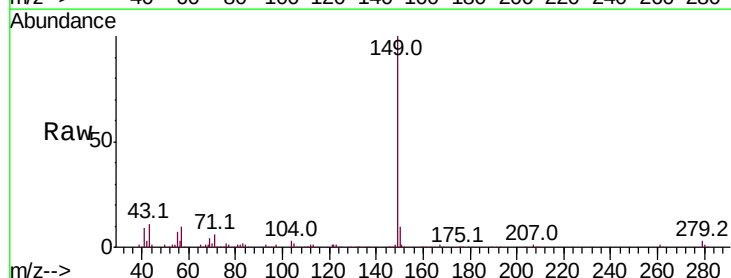
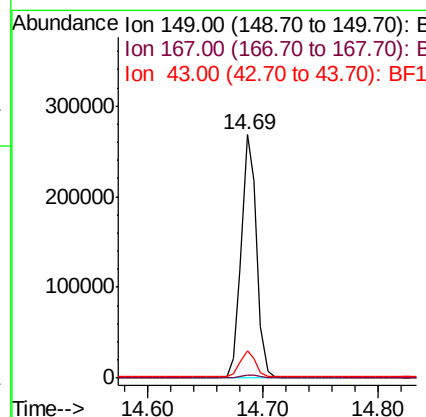
RT: 14.69 min Scan# 2142

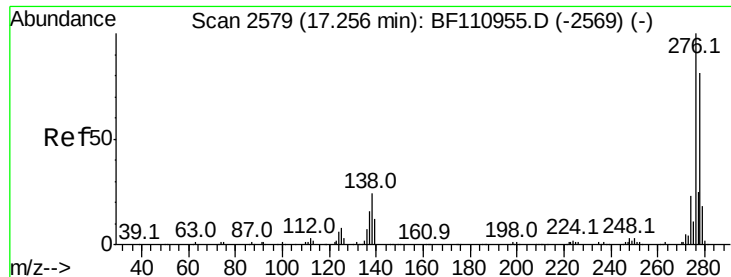
Delta R.T. 0.00 min

Lab File: BF110987.D

Acq: 27 Nov 2018 2:59

Tgt Ion:	149	Resp:	247720
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.5	7.8	11.8





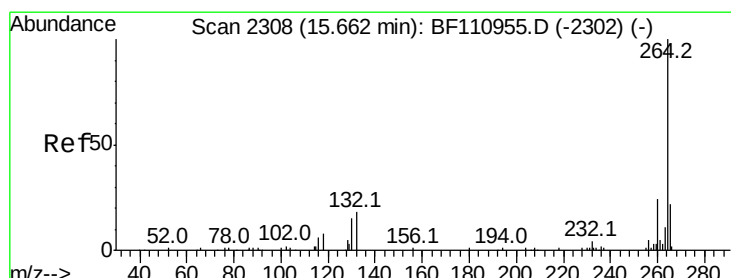
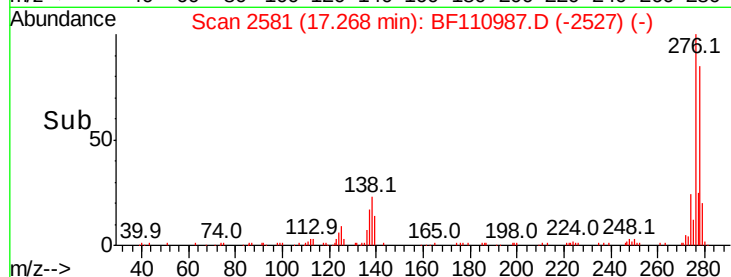
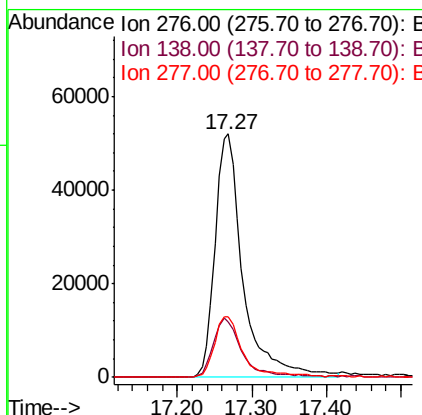
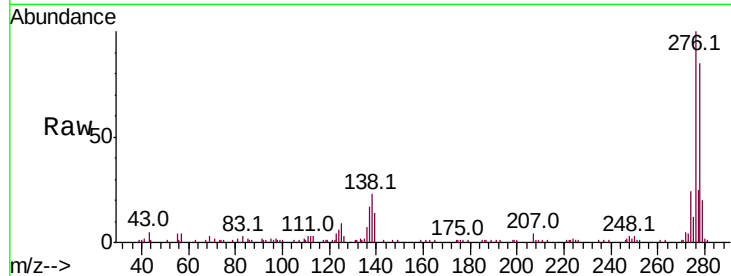
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.032 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. 0.02 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.5	27.7
277	25.5	20.0	30.0

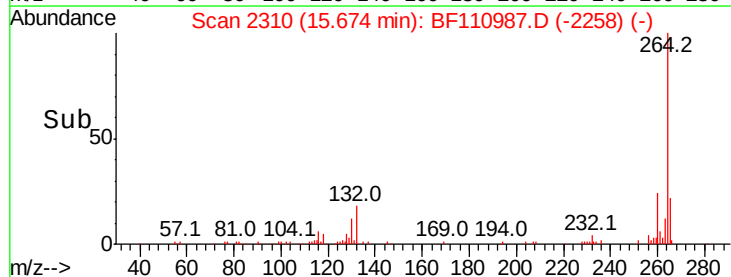
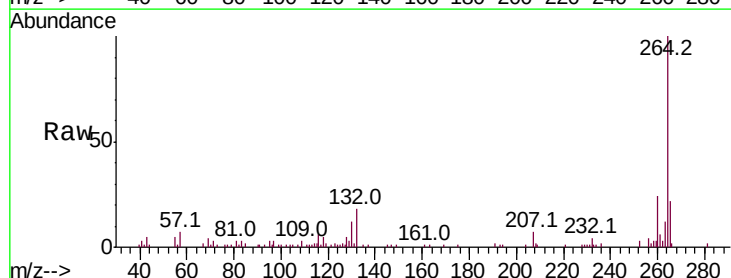
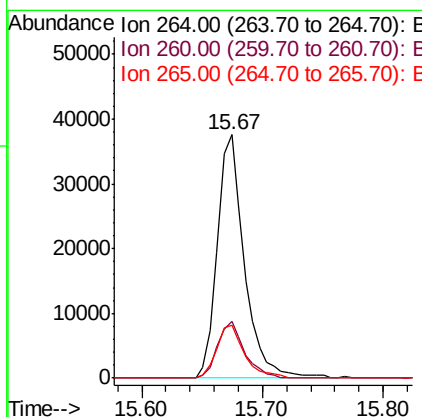
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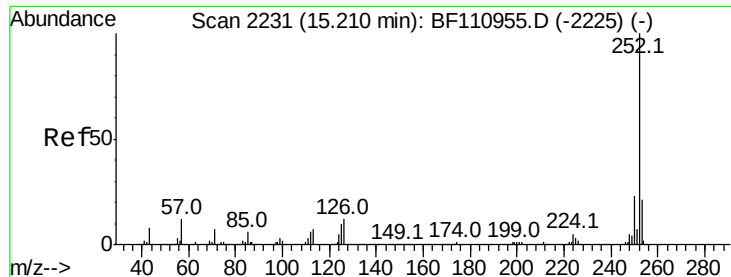
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.7	25.1





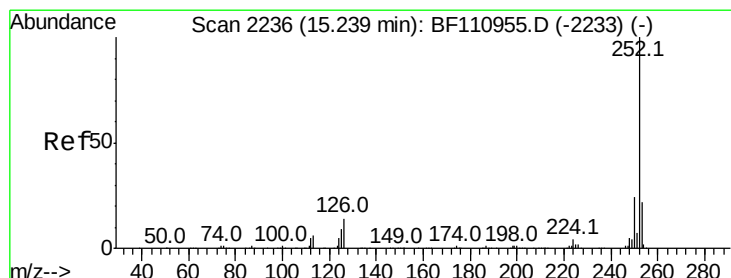
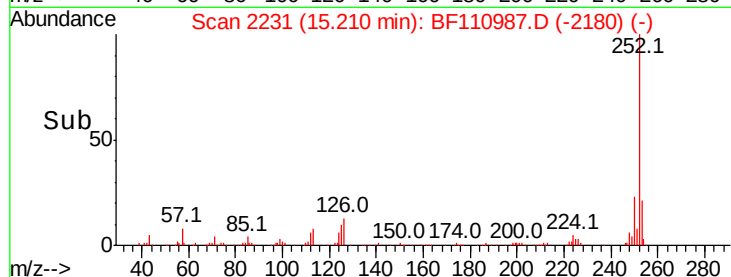
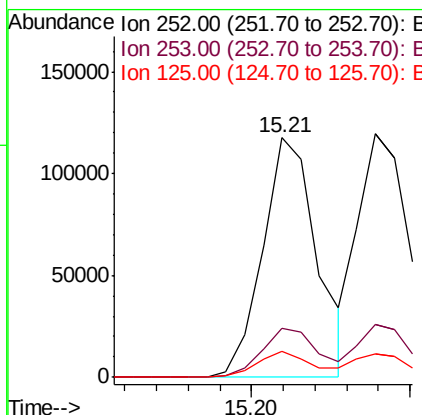
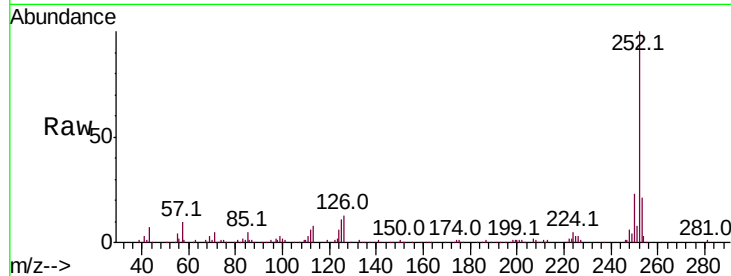
#88
Benzo(b)fluoranthene
Concen: 41.128 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.2	25.8
125	10.7	8.2	12.4

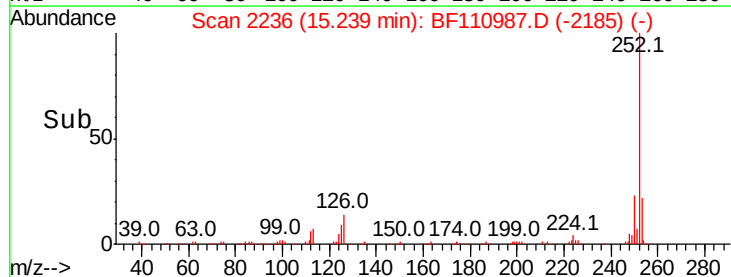
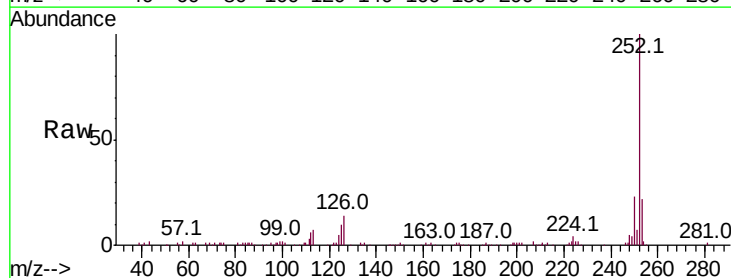
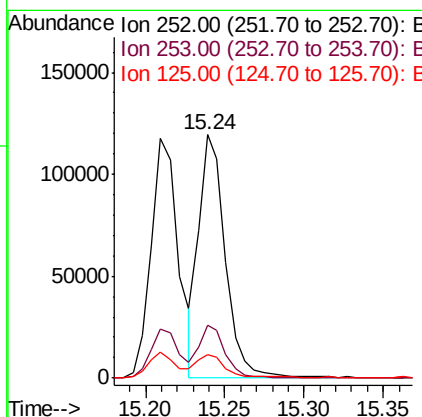
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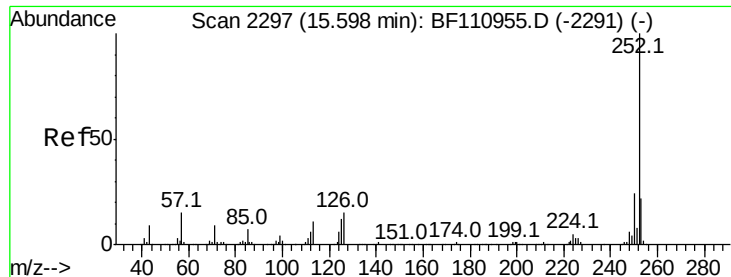
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#89
Benzo(k)fluoranthene
Concen: 39.609 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.7	7.4	11.0





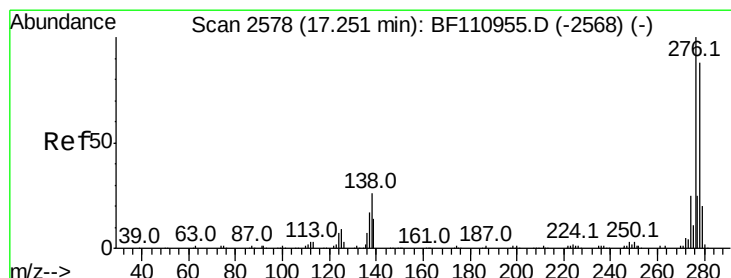
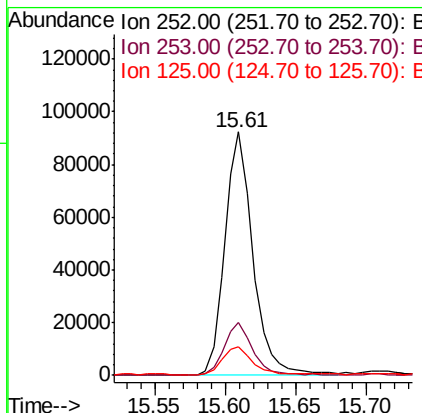
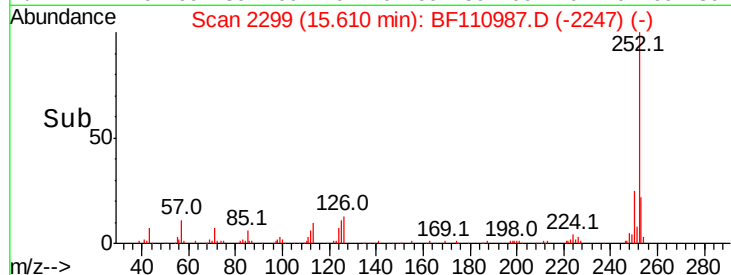
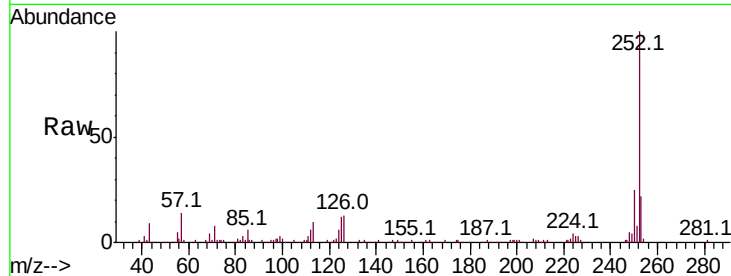
#90
Benzo(a)pyrene
Concen: 40.386 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	11.6	9.0	13.6

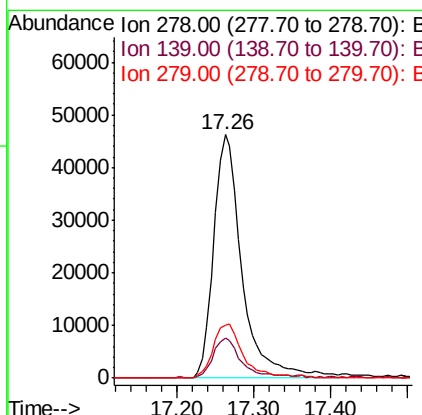
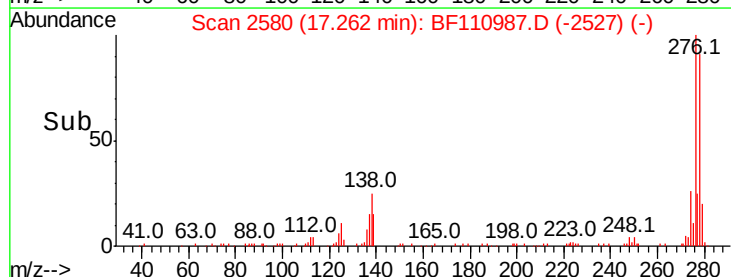
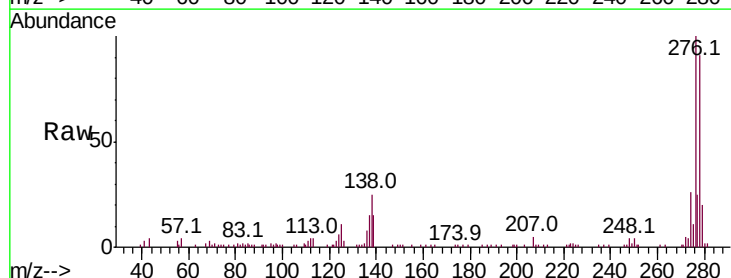
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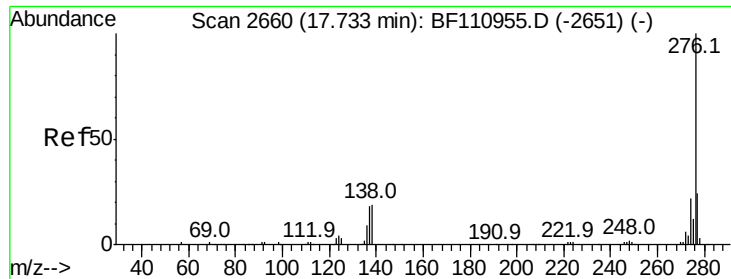
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#91
Dibenzo(a,h)anthracene
Concen: 45.166 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF110987.D
Acq: 27 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	21.7	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 42.586 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.01 min
 Lab File: BF110987.D
 Acq: 27 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	107483
Ion Ratio		Lower	Upper
276	100		
277	24.4	18.8	28.2
138	20.1	16.0	24.0

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