

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111024.D
 Acq On : 27 Nov 2018 22:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/28/2018 4:56:55 PM

Quant Time: Nov 28 03:09:00 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 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	44364	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	175732	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	72807	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	139372	20.00	ng	0.00
76) Chrysene-d12	14.13	240	107629	20.00	ng	0.00
87) Perylene-d12	15.67	264	69117	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	241098	90.12	ng	0.00
7) Phenol-d6	6.57	99	292048	83.77	ng	0.00
23) Nitrobenzene-d5	7.51	82	264595	86.17	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	60150	83.19	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	452163	89.98	ng	0.00
79) Terphenyl-d14	13.06	244	484426	87.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	56397	44.002	ng	90
3) Pyridine	3.54	79	116361	41.460	ng	87
4) n-Nitrosodimethylamine	3.49	42	54929	42.772	ng	86
6) Aniline	6.60	93	181041	42.007	ng	# 57
8) 2-Chlorophenol	6.73	128	135503	42.739	ng	97
9) Benzaldehyde	6.50	77	82772	46.324	ng	98
10) Phenol	6.59	94	164690	41.946	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	127949	43.256	ng	96
12) 1,3-Dichlorobenzene	6.88	146	145592	41.800	ng	96
13) 1,4-Dichlorobenzene	6.96	146	147305	41.126	ng	98
14) 1,2-Dichlorobenzene	7.11	146	138964	41.222	ng	98
15) Benzyl Alcohol	7.09	79	111272	41.531	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	191435	40.667	ng	84
17) 2-Methylphenol	7.19	107	102039	40.478	ng	# 85
18) Hexachloroethane	7.44	117	42034	31.903	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	91610	40.340	ng	94
20) 3+4-Methylphenols	7.35	107	130376m	38.907	ng	
22) Acetophenone	7.35	105	179913	43.678	ng	# 93
24) Nitrobenzene	7.53	77	135005	42.279	ng	94
25) Isophorone	7.76	82	202843	40.272	ng	97
26) 2-Nitrophenol	7.85	139	51029	32.893	ng	94
27) 2,4-Dimethylphenol	7.87	122	98186	41.910	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	142931	42.358	ng	100
29) 2,4-Dichlorophenol	8.09	162	98987	40.377	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	112753	41.039	ng	96
31) Naphthalene	8.25	128	331362	40.226	ng	98
32) Benzoic acid	7.99	122	45750	26.266	ng	94
33) 4-Chloroaniline	8.30	127	145537	41.509	ng	98
34) Hexachlorobutadiene	8.35	225	65994	42.173	ng	99
35) Caprolactam	8.67	113	31211	37.291	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	101779	37.365	ng	94
37) 2-Methylnaphthalene	8.93	142	207224	38.086	ng	100
38) 1-Methylnaphthalene	9.03	142	198267	37.463	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	99858	43.600	ng	99

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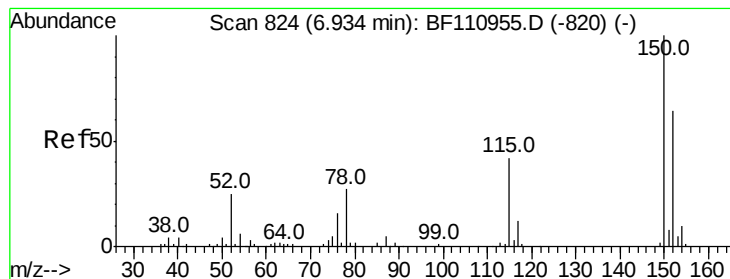
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	58731	42.936	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	62617	43.474	nq	97
46) 1,1'-Biphenyl	9.40	154	292291	43.545	nq	99
47) 2-Chloronaphthalene	9.43	162	206374	42.404	nq	99
48) 2-Nitroaniline	9.53	65	69249	45.490	nq	97
49) Acenaphthylene	9.85	152	286773	41.438	nq	99
50) Dimethylphthalate	9.69	163	230752	43.215	nq	99
51) 2,6-Dinitrotoluene	9.77	165	44259	37.232	nq	93
52) Acenaphthene	10.02	154	182623	41.163	nq	98
53) 3-Nitroaniline	9.95	138	64116	46.277	nq	87
55) Dibenzofuran	10.19	168	266816	41.224	nq	99
56) 4-Nitrophenol	10.13	139	28570	39.367	nq	95
57) 2,4-Dinitrotoluene	10.19	165	52564	34.082	nq	# 75
58) Fluorene	10.53	166	203048	40.322	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	46860m	39.643	nq	
60) Diethylphthalate	10.39	149	232622	42.246	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	108192	41.076	nq	99
62) 4-Nitroaniline	10.57	138	64684	50.143	nq	96
63) Azobenzene	10.68	77	211095	39.331	nq	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	923	1.400	nq	# 1
66) n-Nitrosodiphenylamine	10.64	169	186828	40.268	nq	95
67) 4-Bromophenyl-phenylether	11.01	248	61914	40.790	nq	94
68) Hexachlorobenzene	11.09	284	65063	40.243	nq	94
69) Atrazine	11.16	200	50145	37.351	nq	99
70) Pentachlorophenol	11.29	266	26796	41.659	nq	96
71) Phenanthrene	11.50	178	301710	40.874	nq	99
72) Anthracene	11.56	178	313845	41.750	nq	98
73) Carbazole	11.72	167	311528	42.696	nq	99
74) Di-n-butylphthalate	12.02	149	363387	42.596	nq	99
75) Fluoranthene	12.70	202	328981	43.363	nq	98
77) Benzidine	12.82	184	160834	58.423	nq	96
78) Pyrene	12.93	202	340928	43.370	nq	98
80) Butylbenzylphthalate	13.52	149	162111	45.677	nq	99
81) Benzo(a)anthracene	14.13	228	254185	40.002	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	104139	47.796	nq	99
83) Chrysene	14.16	228	243749	38.967	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	223920	47.350	nq	95
85) Di-n-octyl phthalate	14.69	149	346702	46.444	nq	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	164649	36.670	nq	99
88) Benzo(b)fluoranthene	15.22	252	166726	41.062	nq	99
89) Benzo(k)fluoranthene	15.24	252	176284	42.181	nq	99
90) Benzo(a)pyrene	15.61	252	154654	40.919	nq	97
91) Dibenzo(a,h)anthracene	17.27	278	139698	44.798	nq	100
92) Benzo(g,h,i)perylene	17.76	276	131068	43.591	nq	96

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



#1

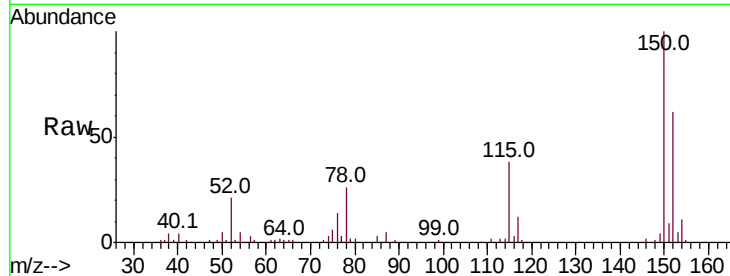
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	122.7	184.1
115	61.5	49.1	73.7

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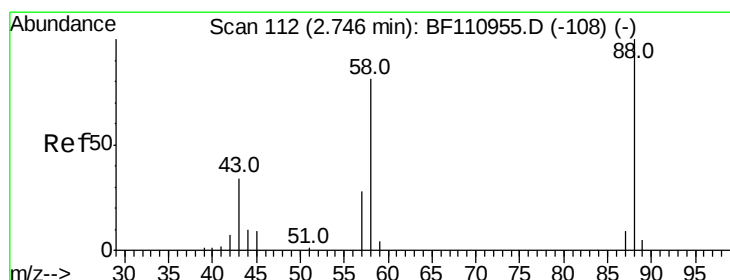
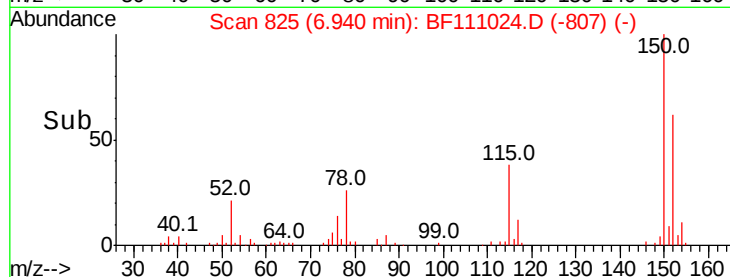
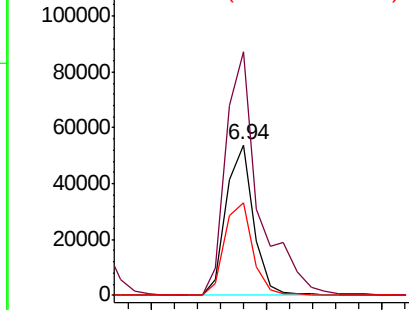


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

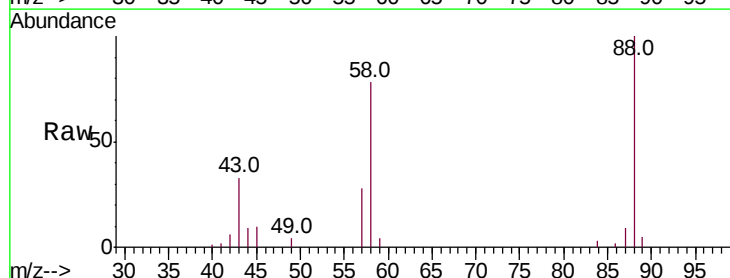
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.002 ng
RT: 2.72 min Scan# 108
Delta R.T. -0.02 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.1	85.7
43	33.2	24.1	36.1

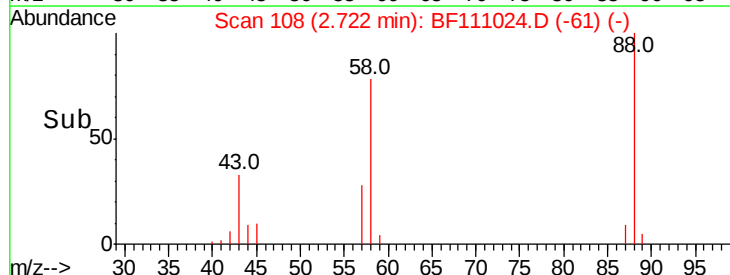
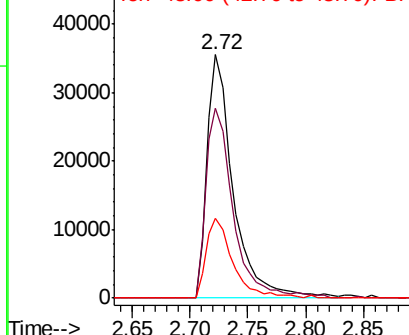


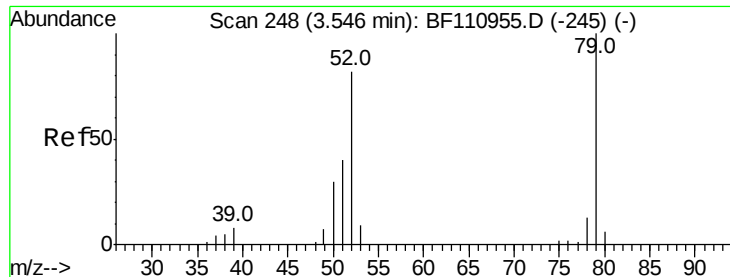
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





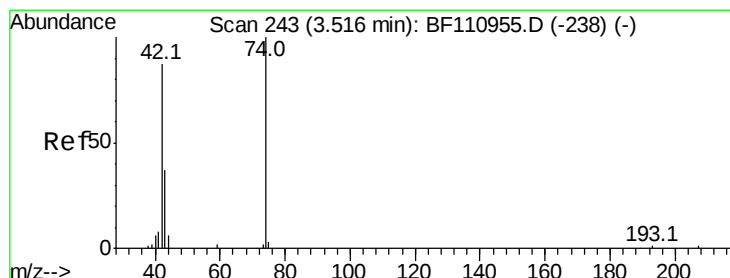
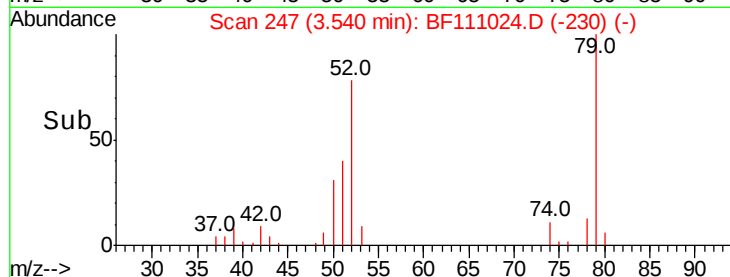
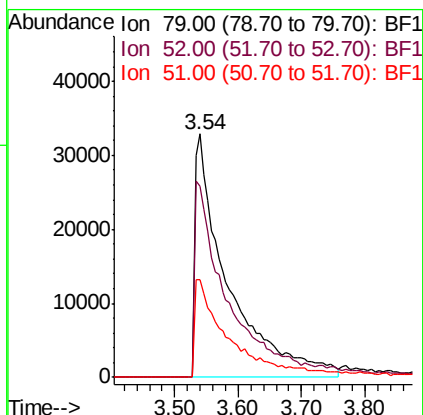
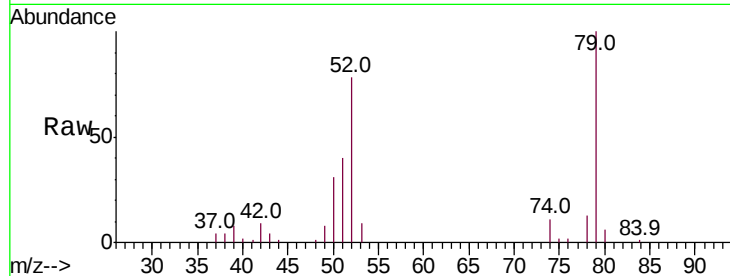
#3
 Pvridine
 Concen: 41.460 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.4	53.1	79.7
51	40.2	27.4	41.2

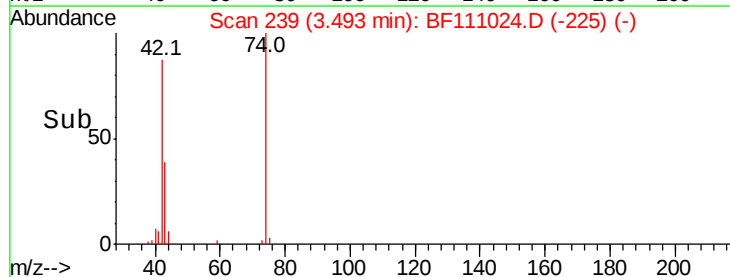
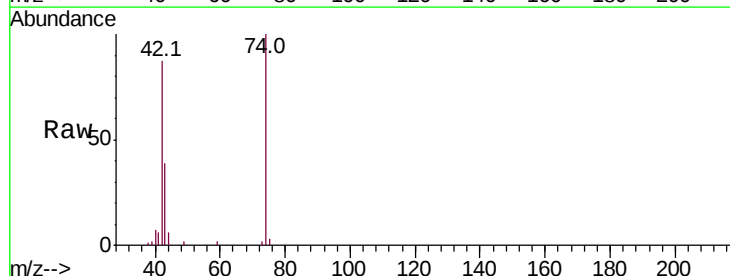
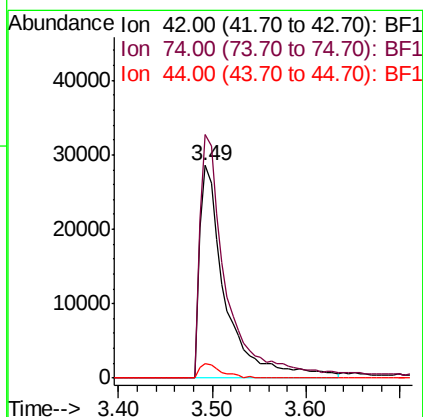
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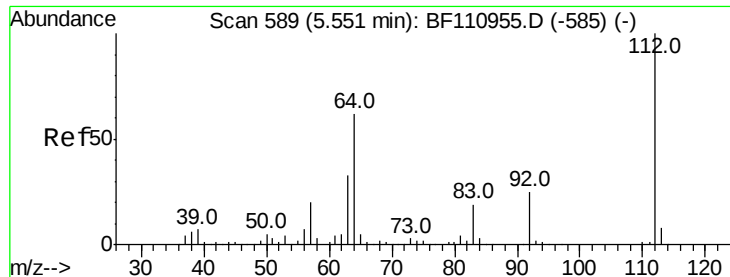
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#4
 n-Nitrosodimethylamine
 Concen: 42.772 ng
 RT: 3.49 min Scan# 239
 Delta R.T. -0.02 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.4	105.5	158.3
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 90.122 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

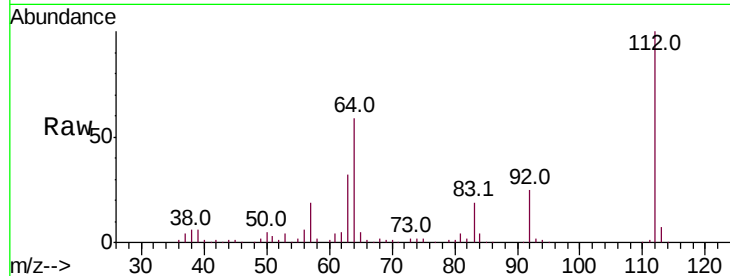
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	241098
Ion Ratio	Lower	Upper	
112	100		
64	59.2	44.1	66.1
63	31.9	23.7	35.5

Manual Integrations
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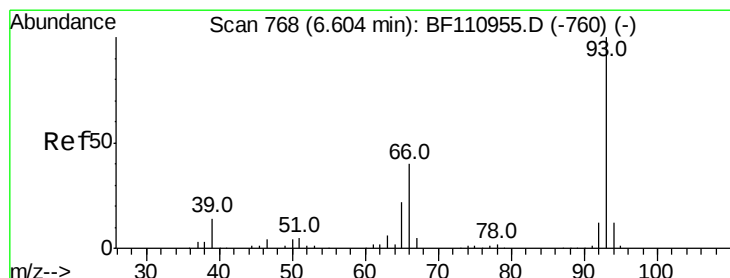
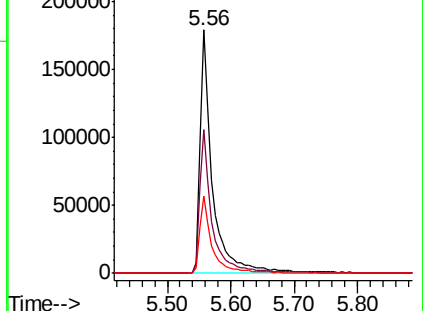
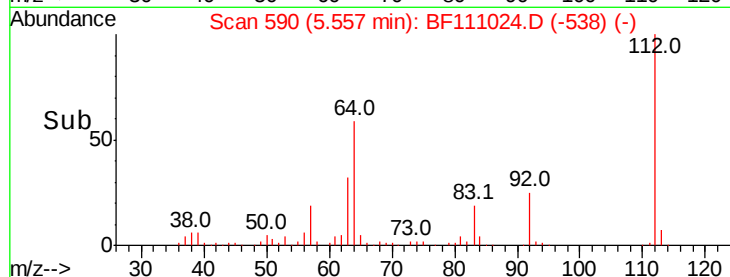
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.007 ng

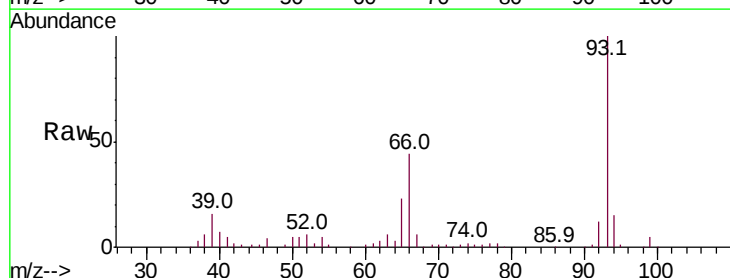
RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

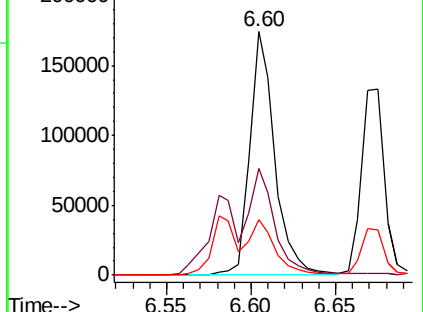
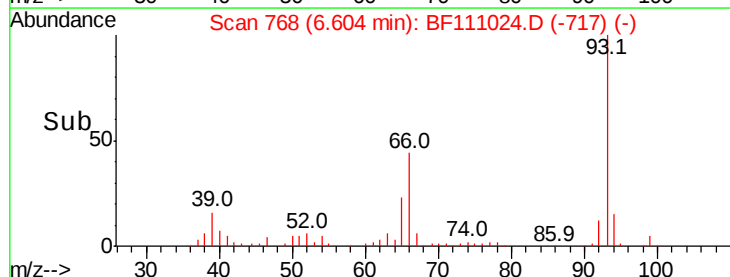
Tgt Ion:	93	Resp:	181041
Ion Ratio	Lower	Upper	
93	100		
66	43.9	67.4	101.0#
65	22.7	41.0	61.4#

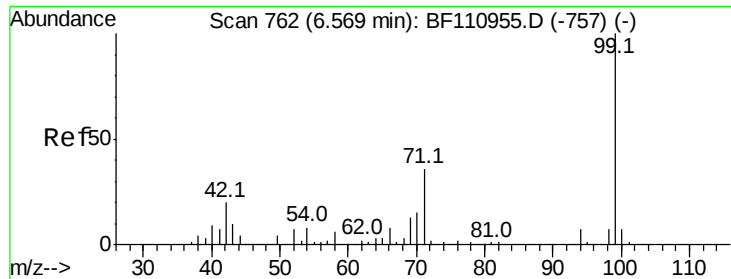


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.770 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

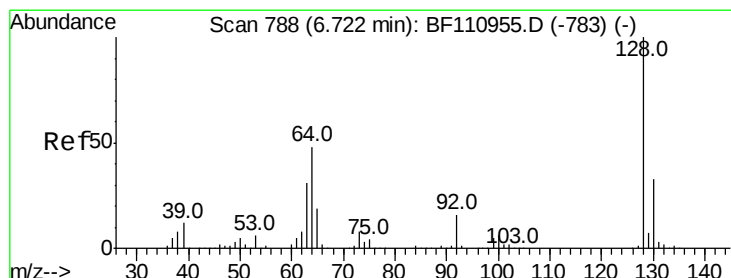
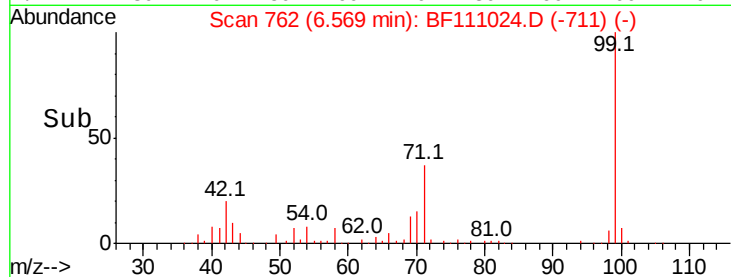
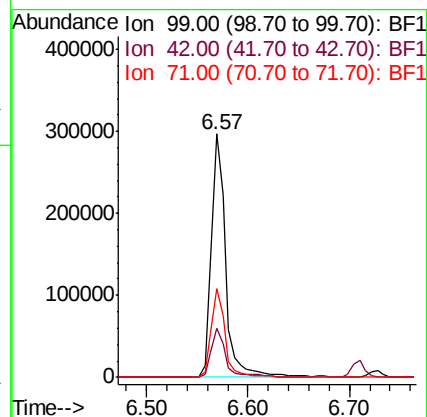
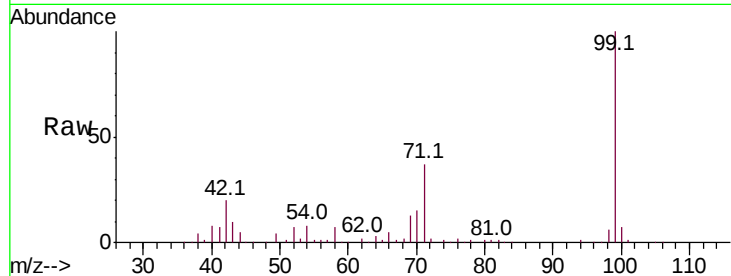
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	292048
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	36.6	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.739 ng

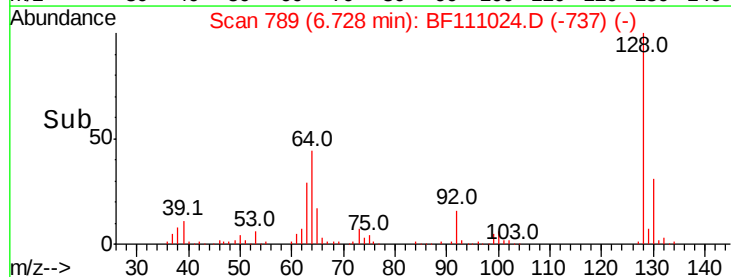
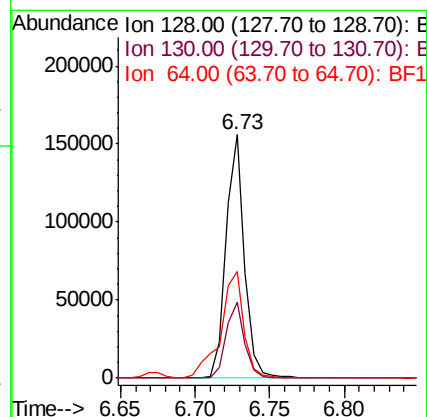
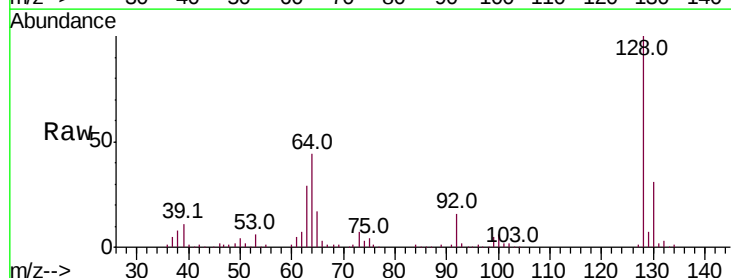
RT: 6.73 min Scan# 789

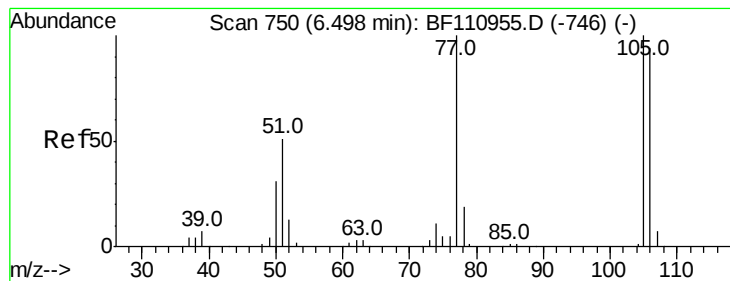
Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion:	128	Resp:	135503
Ion Ratio	Lower	Upper	
128	100		
130	31.4	13.1	53.1
64	43.6	26.0	66.0





#9

Benzaldehyde

Concen: 46.324 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 82772

Ion Ratio Lower Upper

77 100

105 100.7 78.6 118.6

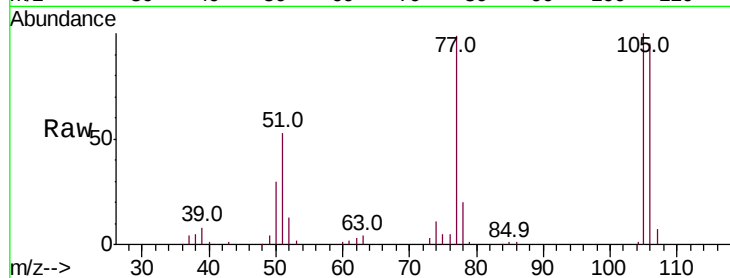
106 96.0 74.8 114.8

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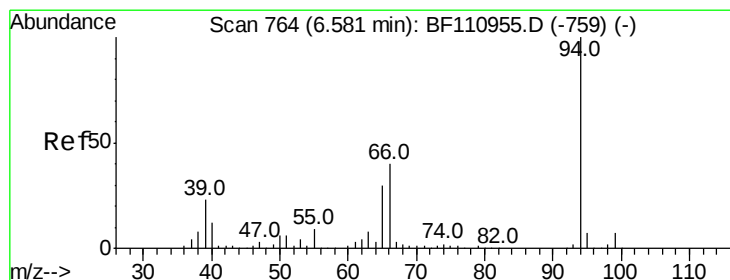
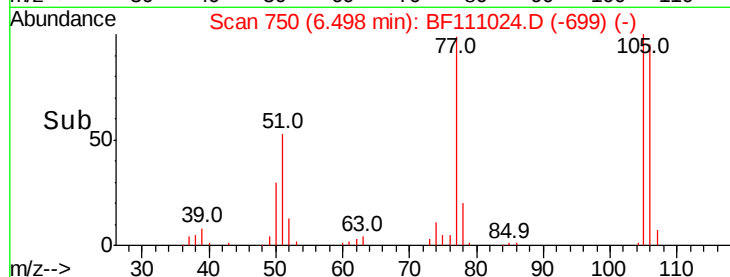
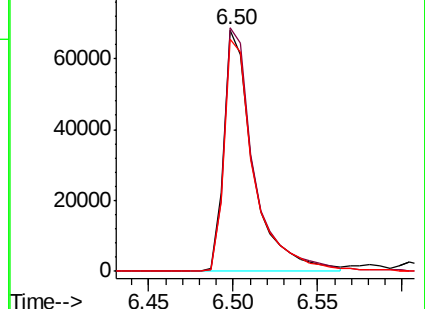
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.946 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion: 94 Resp: 164690

Ion Ratio Lower Upper

94 100

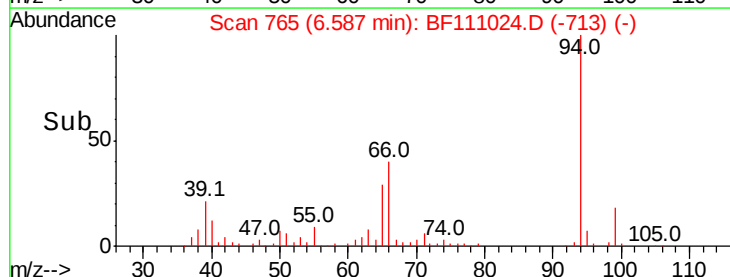
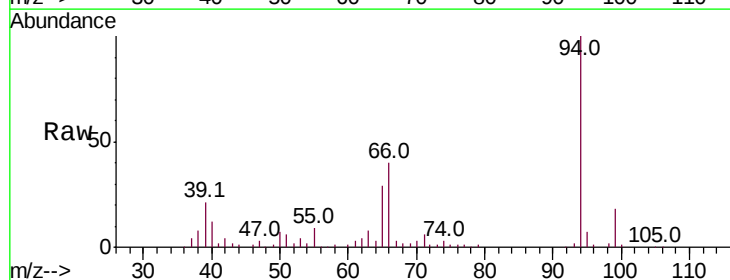
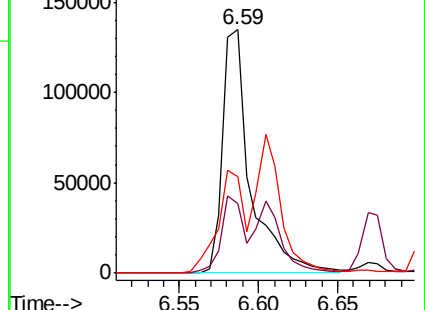
65 28.8 25.3 65.3

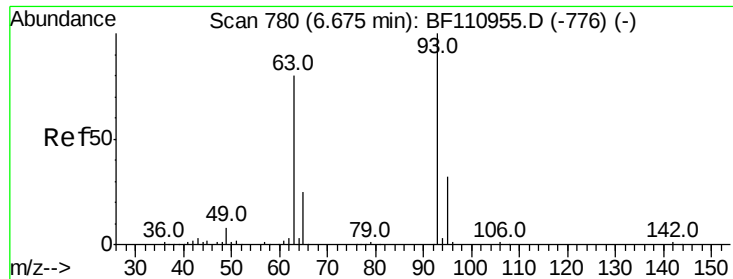
66 39.6 54.5 94.5#

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





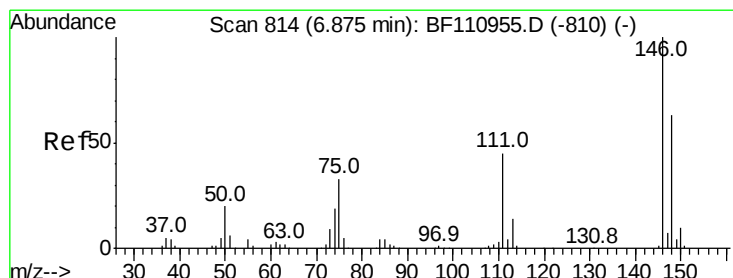
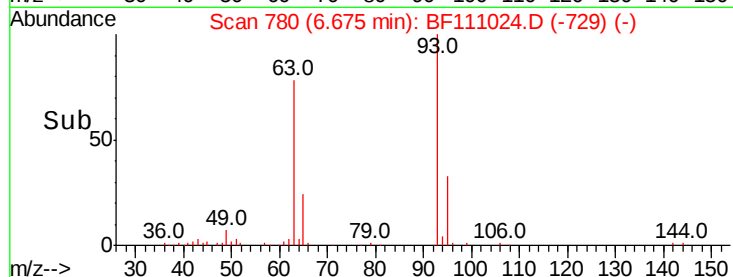
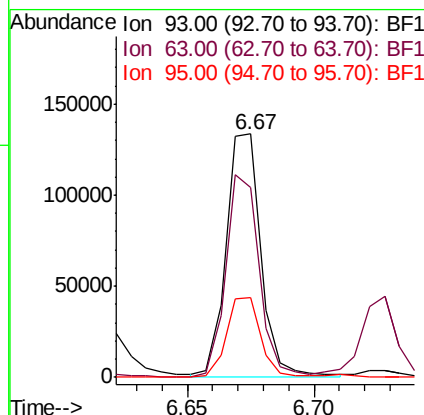
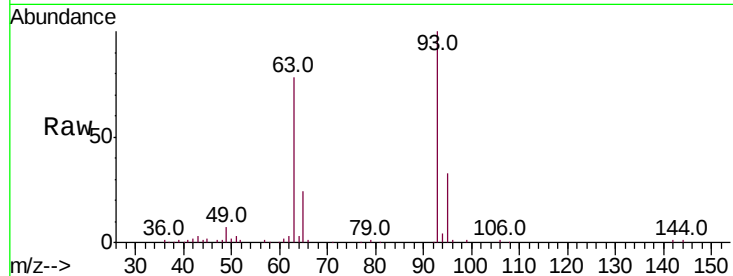
#11
bis(2-Chloroethyl)ether
Concen: 43.256 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	53.4	93.4
95	32.8	12.1	52.1

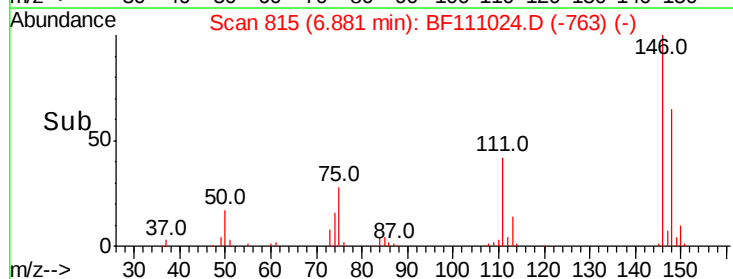
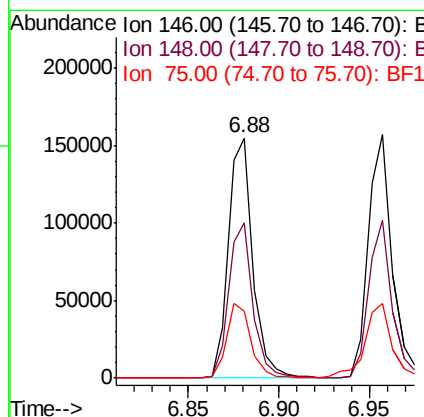
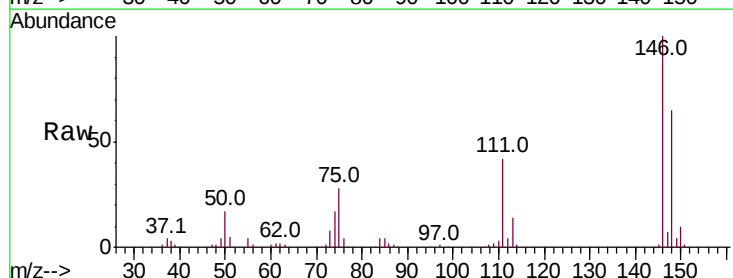
Manual Integrations
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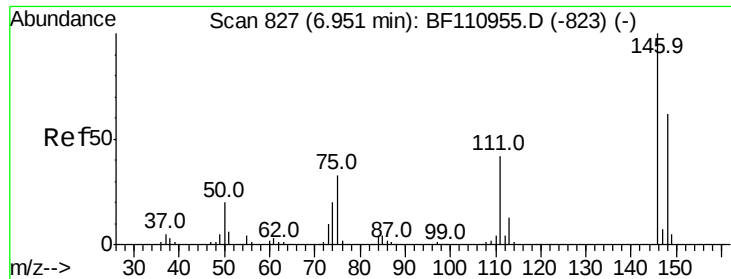
mohammad
11/28/2018 4:56:55 PM



#12
1,3-Dichlorobenzene
Concen: 41.800 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
75	28.0	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 41.126 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 147305

Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

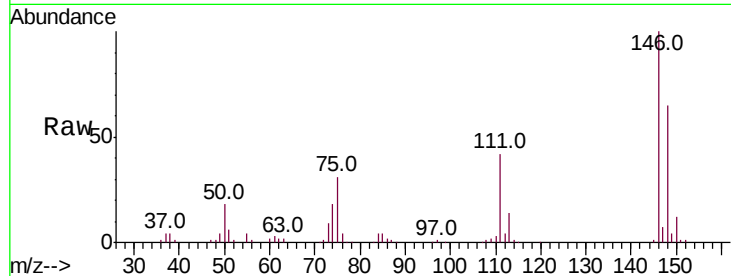
111 42.5 32.7 49.1

Manual Integrations

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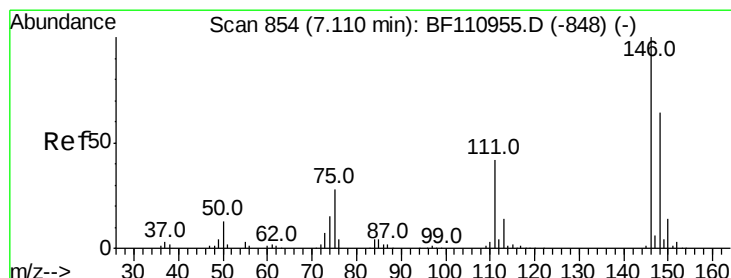
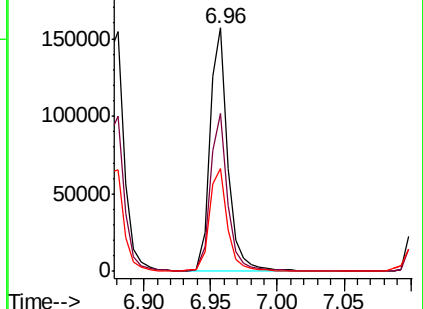
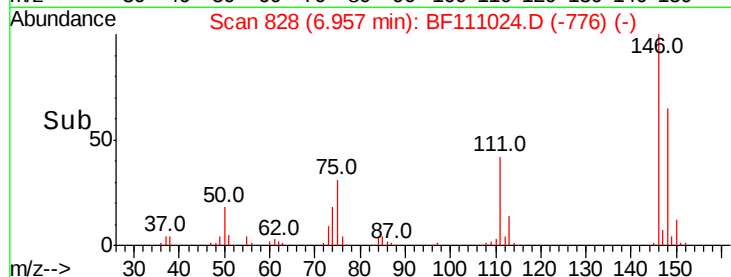
11/28/2018 4:56:55 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.222 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

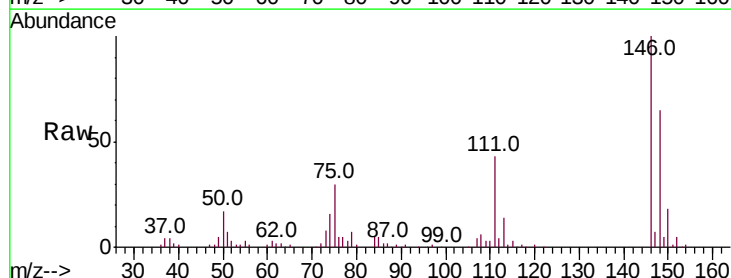
Tgt Ion:146 Resp: 138964

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

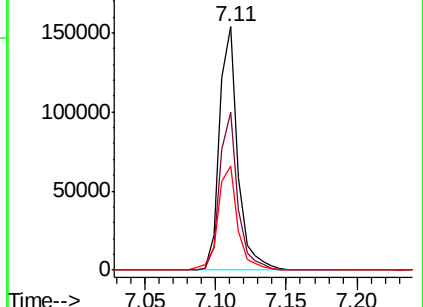
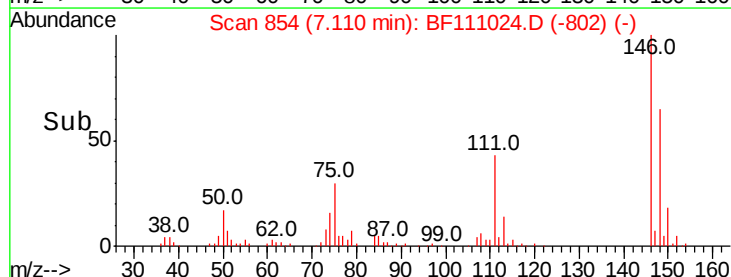
111 42.7 35.8 53.6

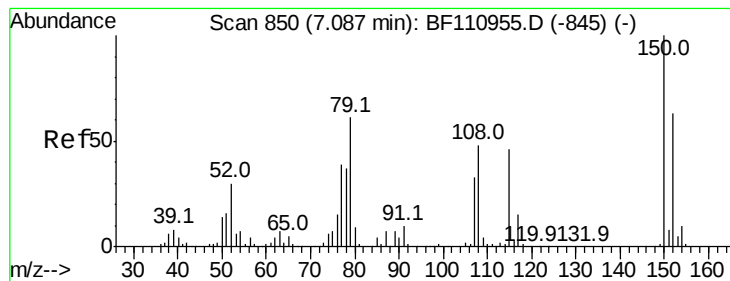


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.531 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 111272

Ion Ratio Lower Upper

79 100

108 75.6 56.3 84.5

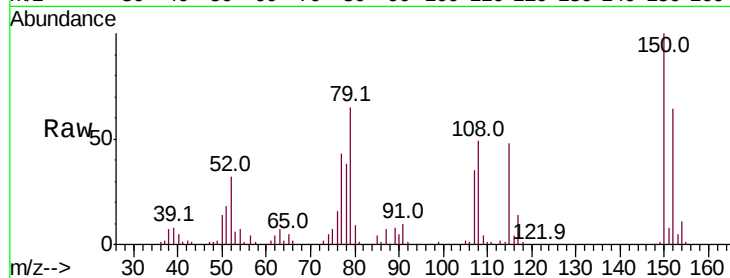
77 65.2 52.9 79.3

Manual Integrations

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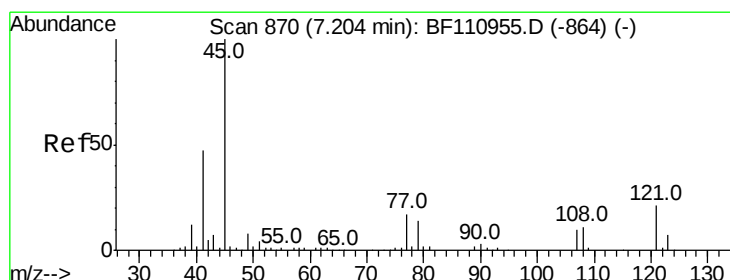
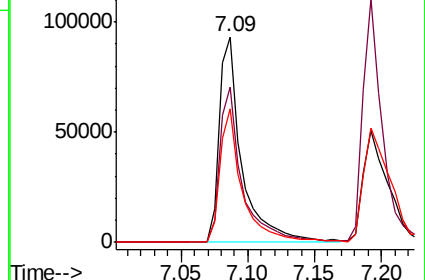
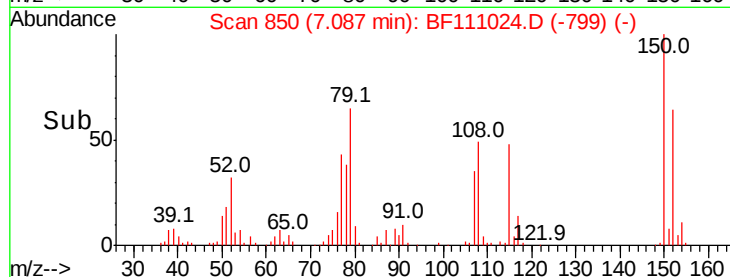
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.667 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

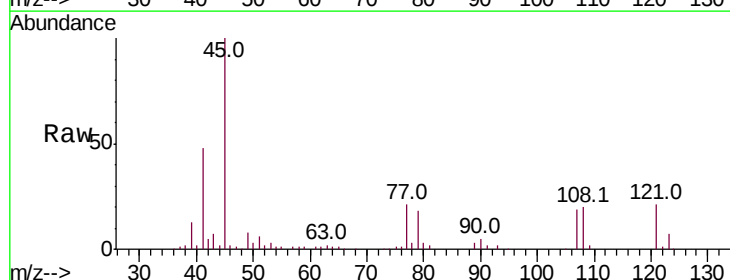
Tgt Ion: 45 Resp: 191435

Ion Ratio Lower Upper

45 100

77 21.2 10.0 50.0

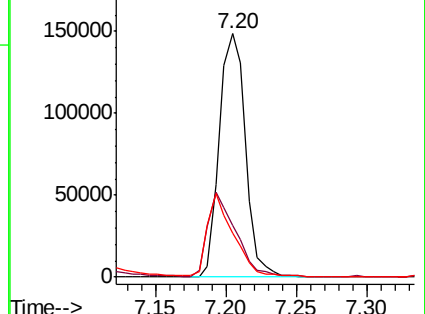
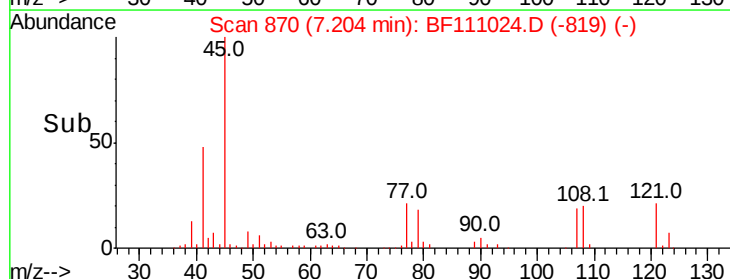
79 18.1 6.1 46.1

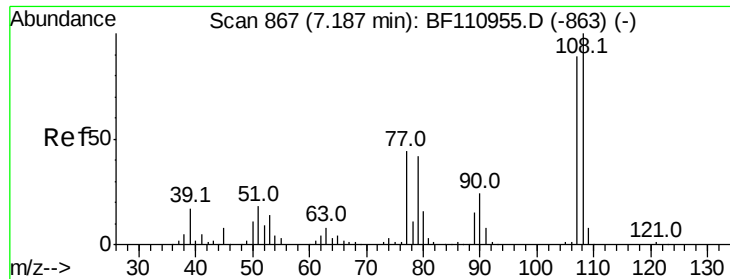


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





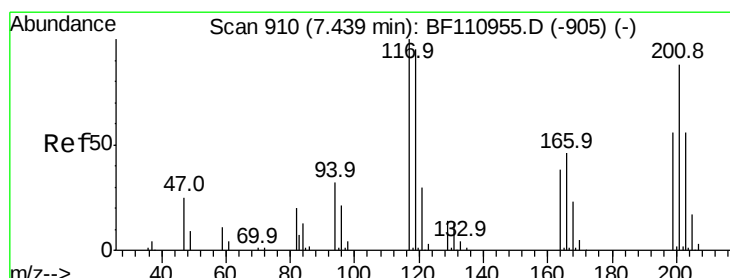
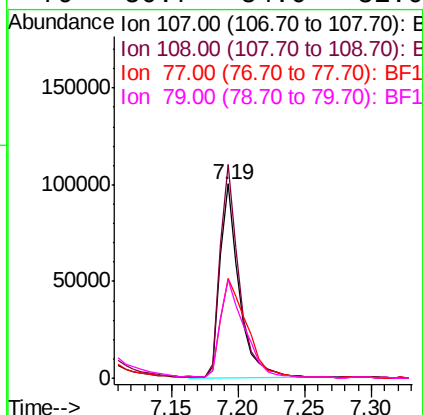
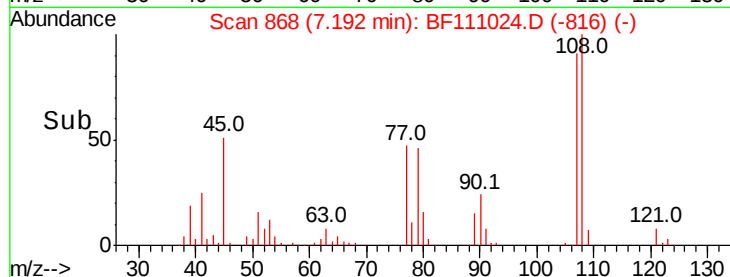
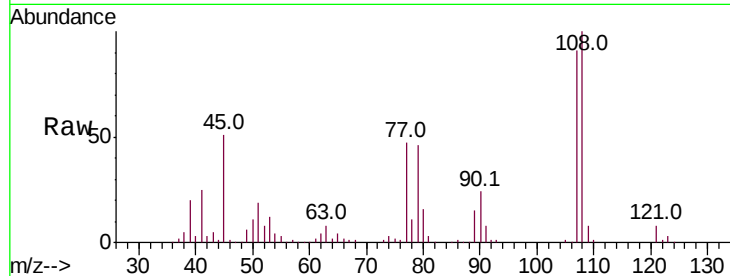
#17
2-Methylphenol
Concen: 40.478 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	92.6	138.8
77	51.7	59.4	89.2#
79	50.7	54.0	81.0#

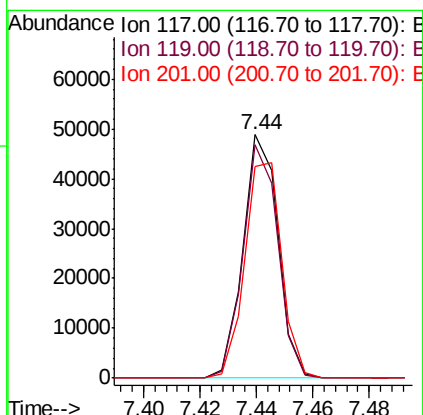
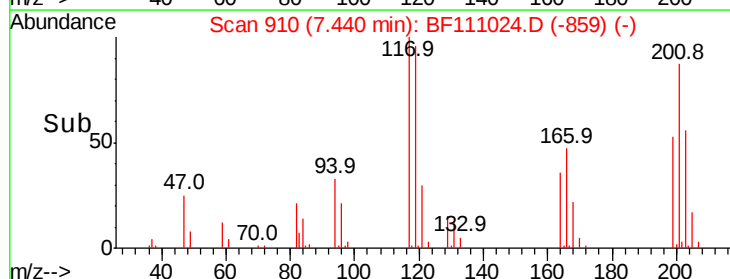
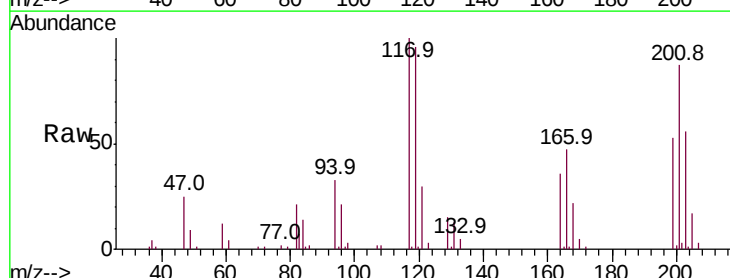
Manual Integrations
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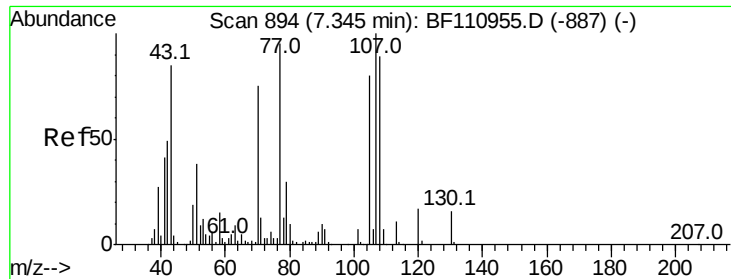
mohammad
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#18
Hexachloroethane
Concen: 31.903 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
201	87.2	79.2	118.8





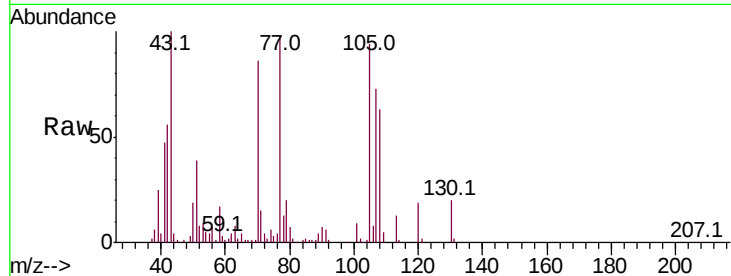
#19
n-Nitroso-di-n-propylamine
Concen: 40.340 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	47.4	71.2
101	10.3	7.3	10.9
130	22.7	16.2	24.2

Manual Integrations
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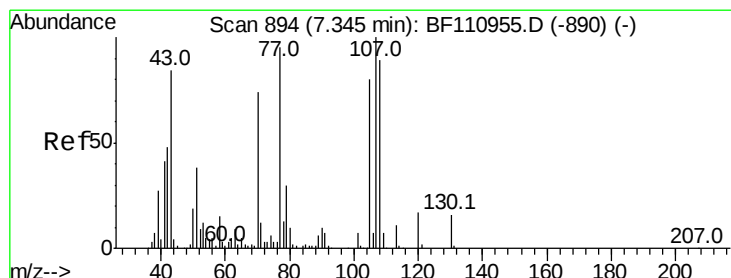
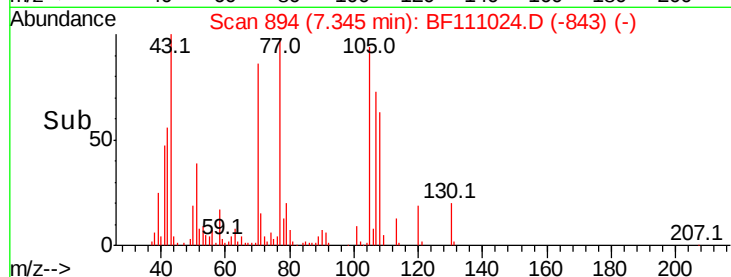
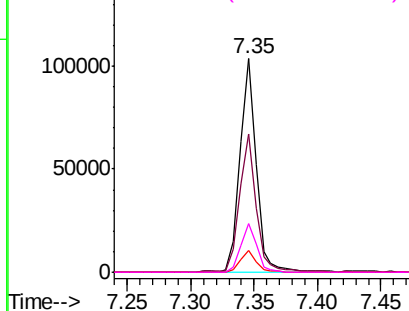
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.907 ng m
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	71.4	111.4
77	134.3	47.3	87.3#
79	27.6	10.9	50.9

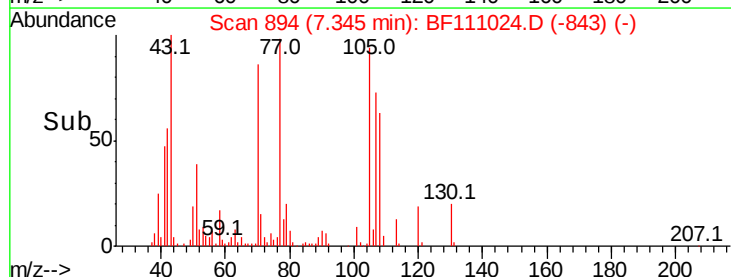
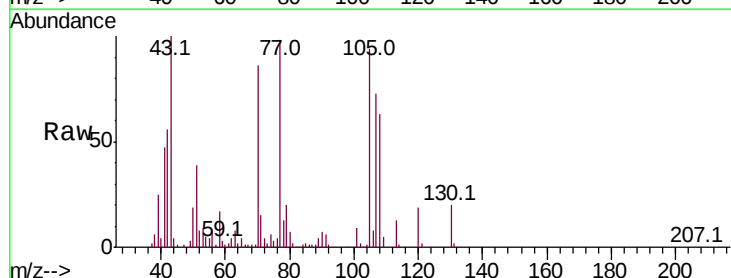
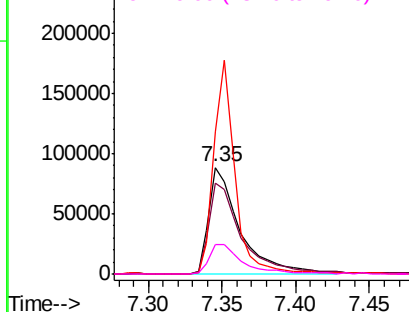
Abundance

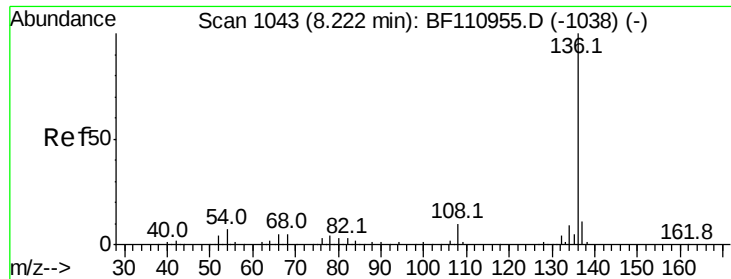
Ion 107.00 (106.70 to 107.70): E

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





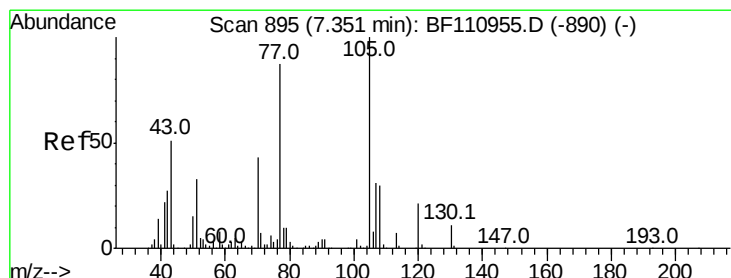
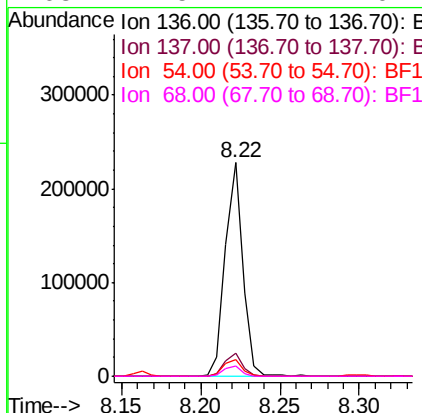
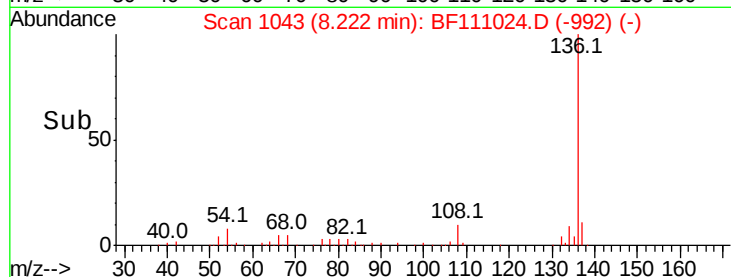
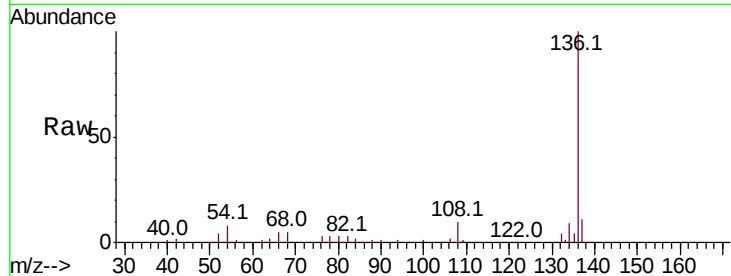
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.6	5.4	8.2	
68	4.5	4.2	6.2	

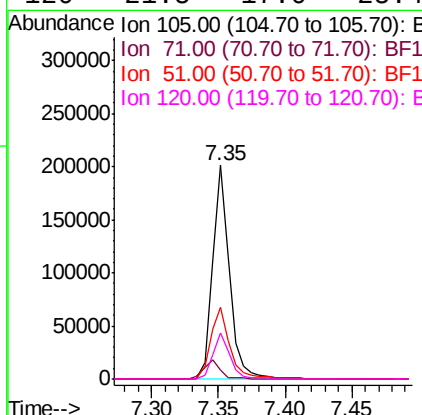
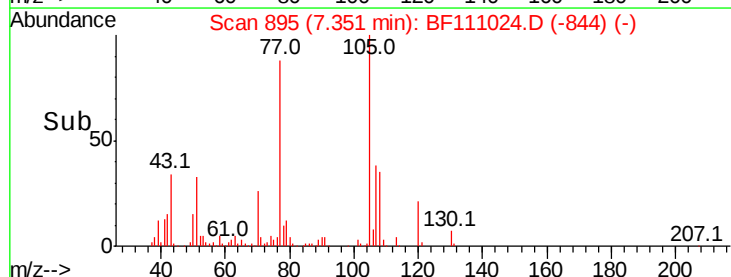
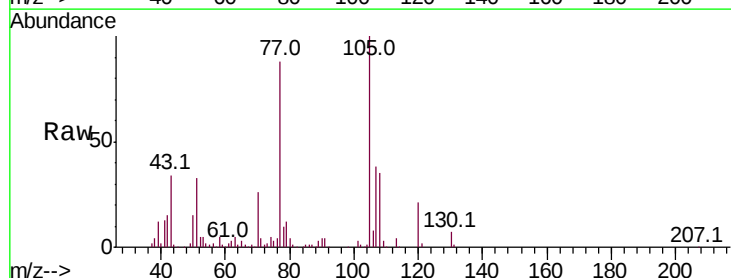
Manual Integrations
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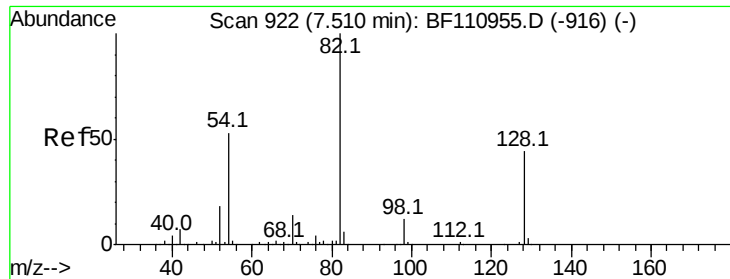
mohammad
11/28/2018 4:56:55 PM



#22
Acetophenone
Concen: 43.678 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	5.2	7.8#	
51	33.3	21.8	32.8#	
120	21.5	17.0	25.4	





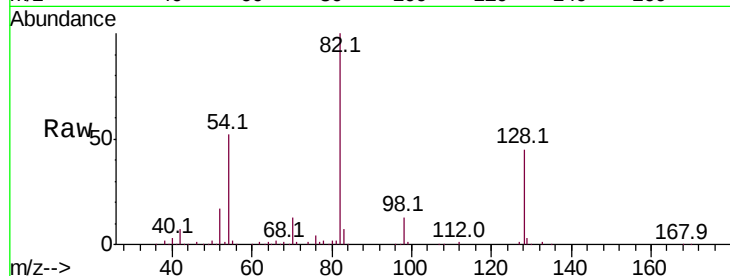
#23
Nitrobenzene-d5
Concen: 86.171 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	52.4	38.6	58.0

Manual Integrations
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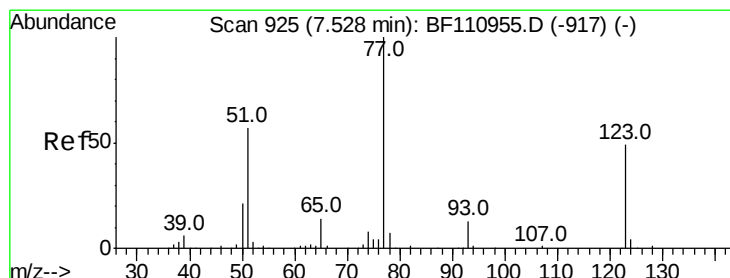
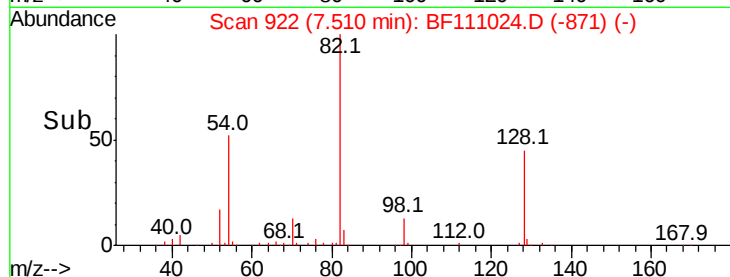
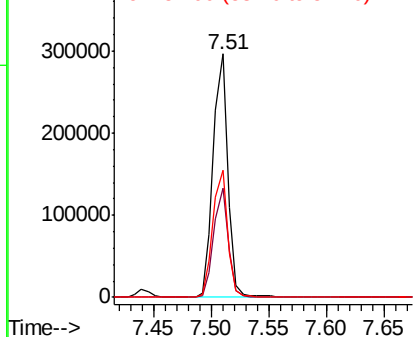


Abundance

Ion 82.00 (81.70 to 82.70): BF1

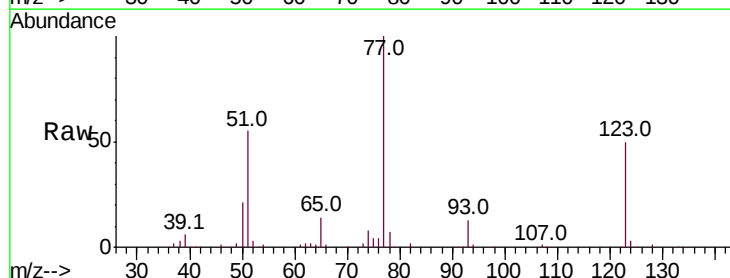
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 42.279 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	35.7	53.5
65	13.8	10.7	16.1

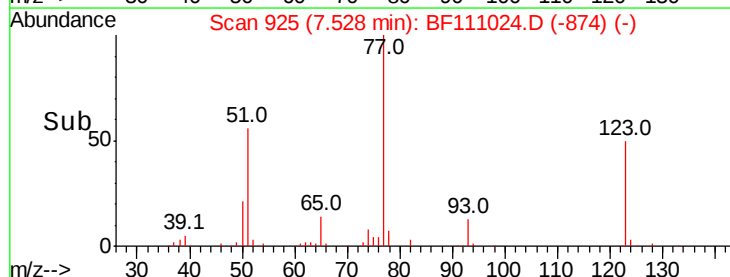
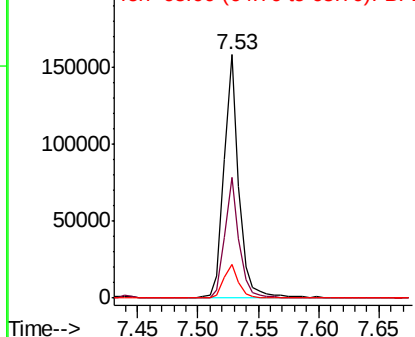


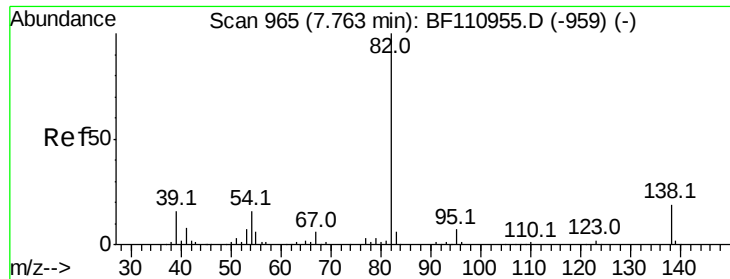
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.272 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

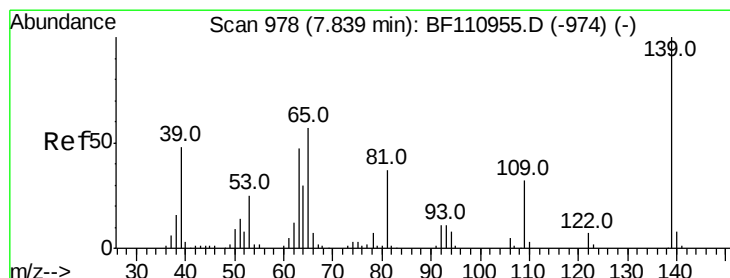
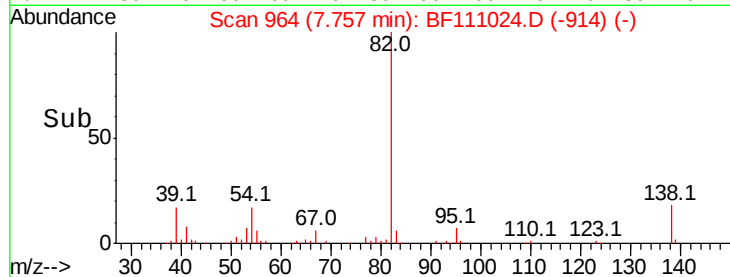
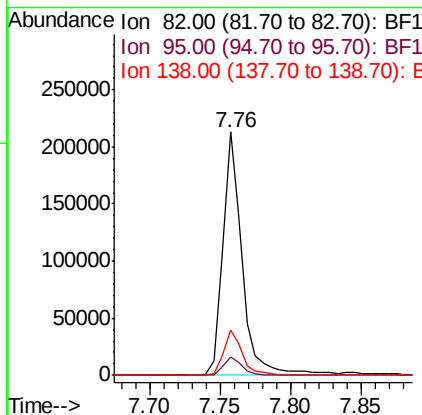
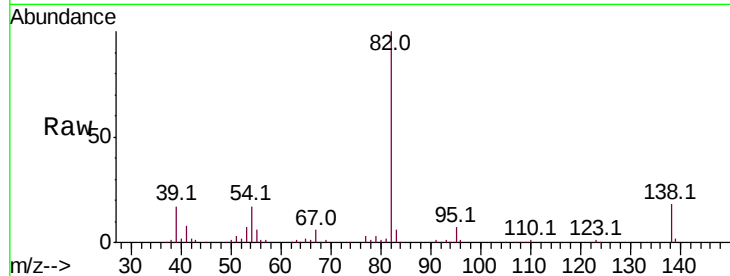
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	202843
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	18.4	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.893 ng

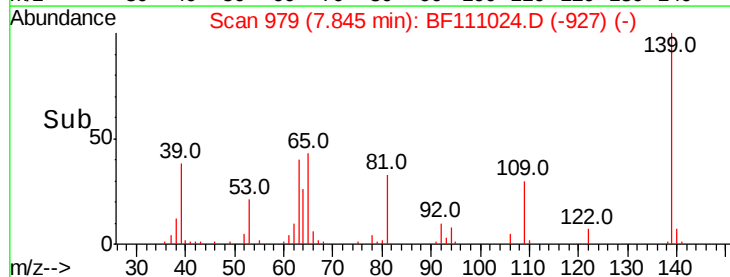
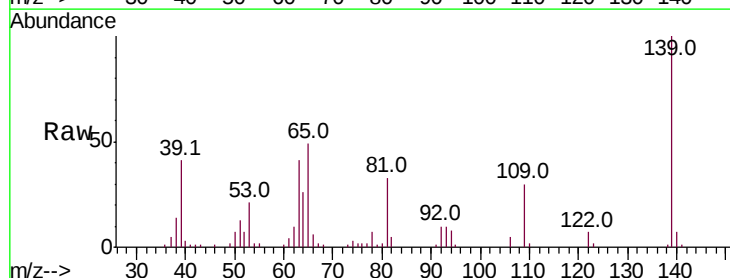
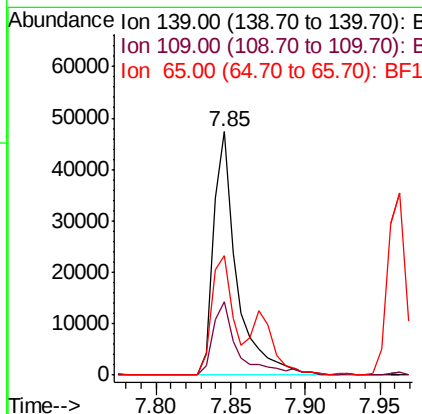
RT: 7.85 min Scan# 979

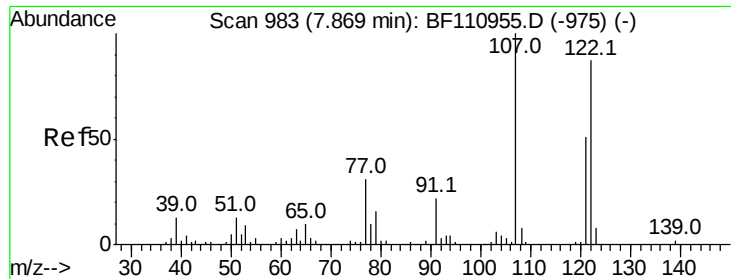
Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion:	139	Resp:	51029
Ion Ratio	Lower	Upper	
139	100		
109	30.2	25.0	37.6
65	49.2	44.0	66.0





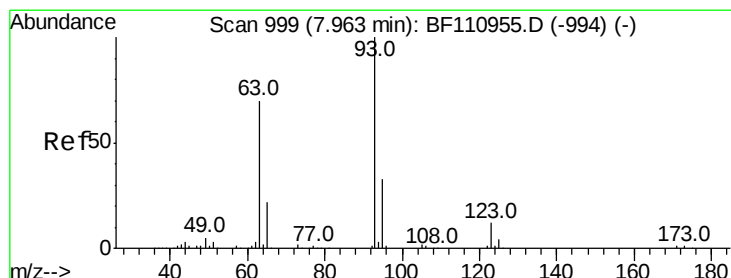
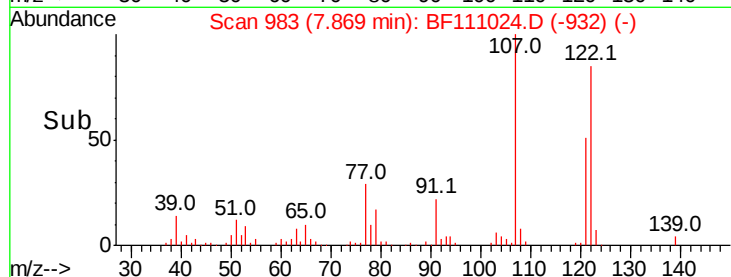
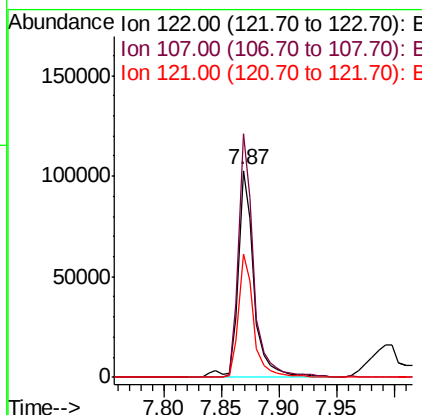
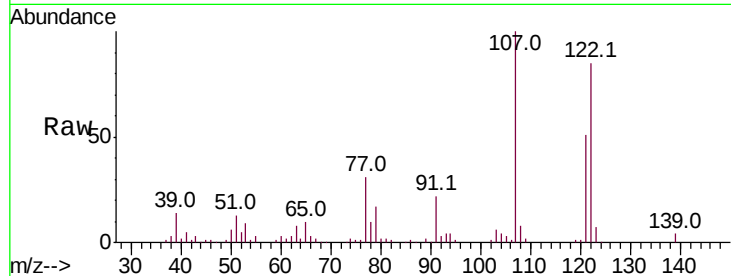
#27
2,4-Dimethylphenol
Concen: 41.910 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	92.5	138.7
121	59.4	45.8	68.8

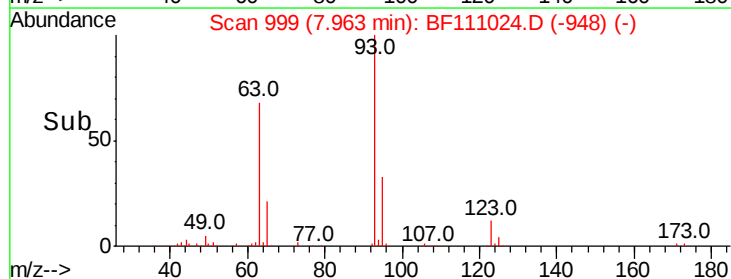
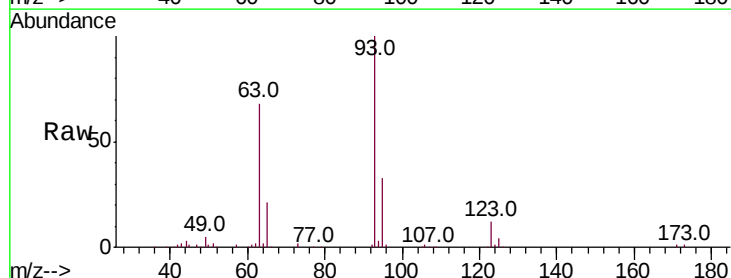
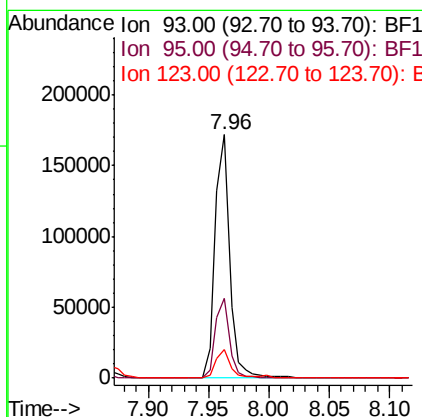
Manual Integrations
APPROVED

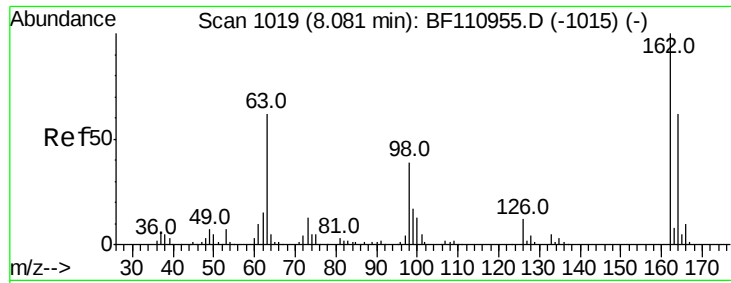
mohammad
11/28/2018 4:56:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.358 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.6	9.0	13.6





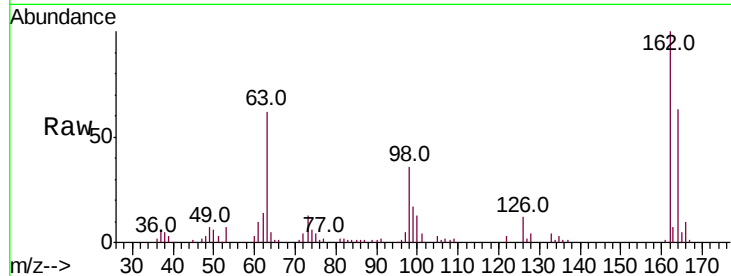
#29
 2,4-Dichlorophenol
 Concen: 40.377 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	98987		
164	63.1		44.6	84.6
98	36.3		17.4	57.4

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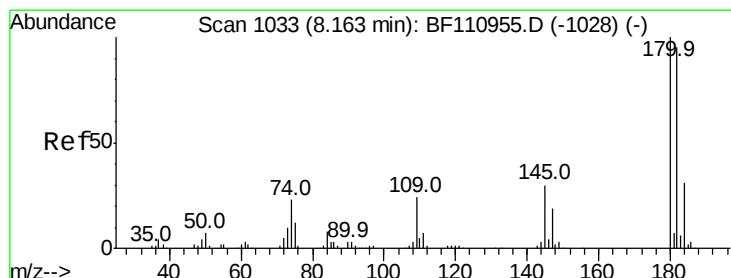
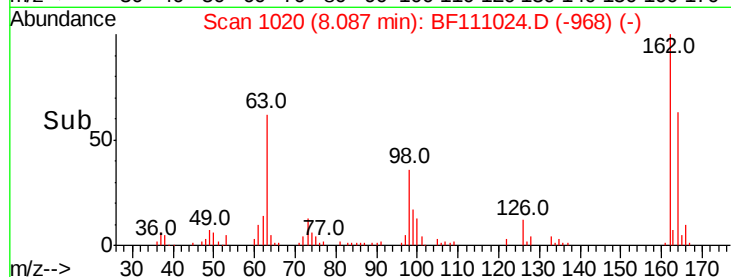
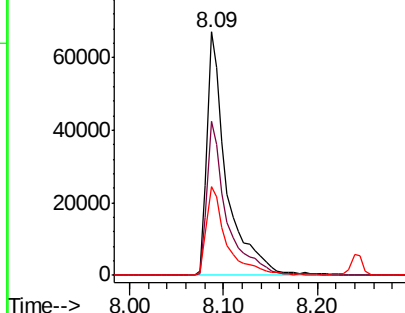


Abundance

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: 41.039 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

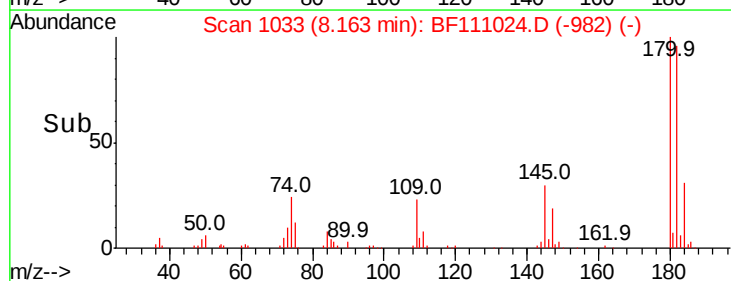
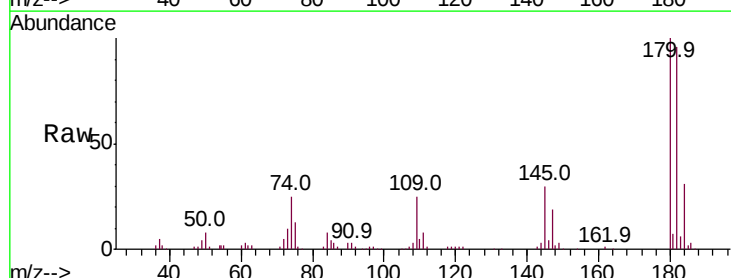
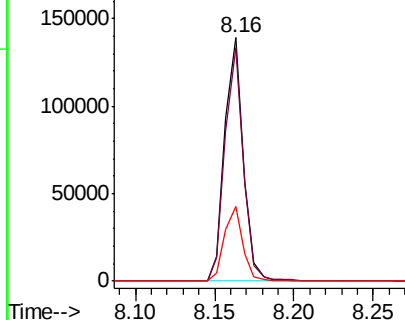
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112753		
182	95.7		80.3	120.5
145	30.5		25.4	38.0

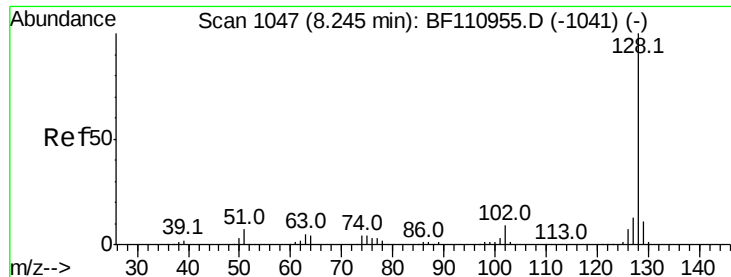
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





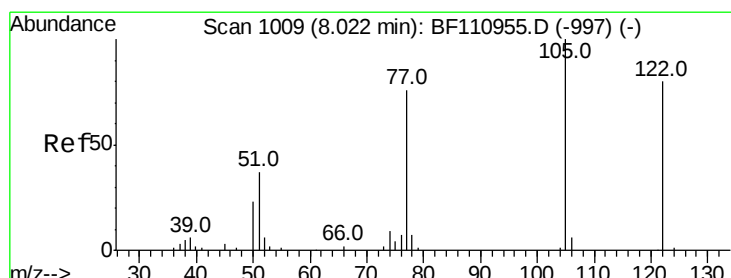
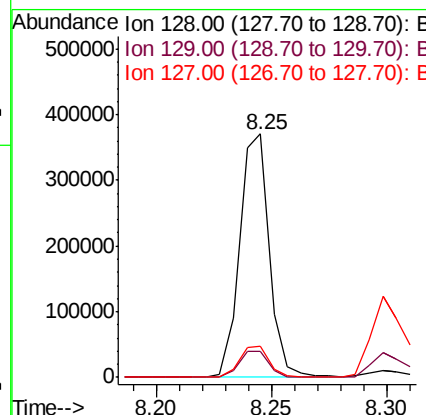
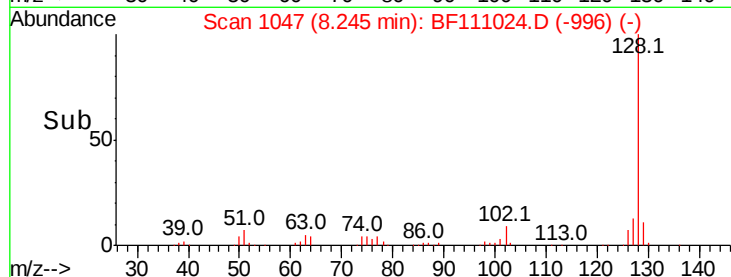
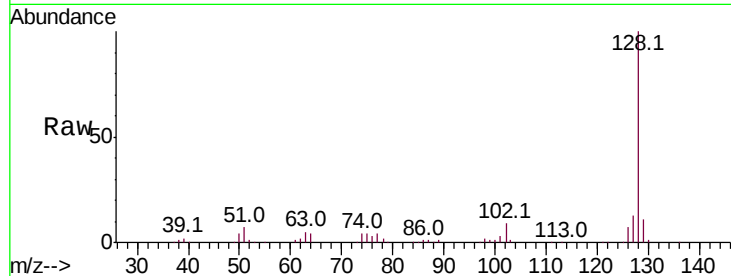
#31
Naphthalene
Concen: 40.226 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.6	10.8	16.2

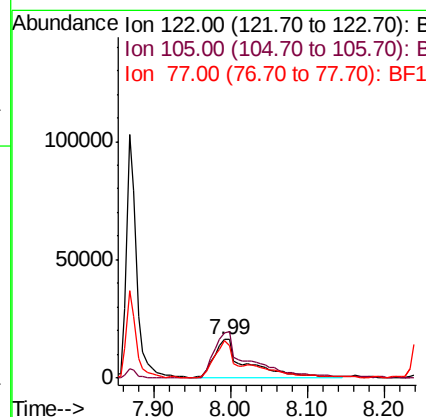
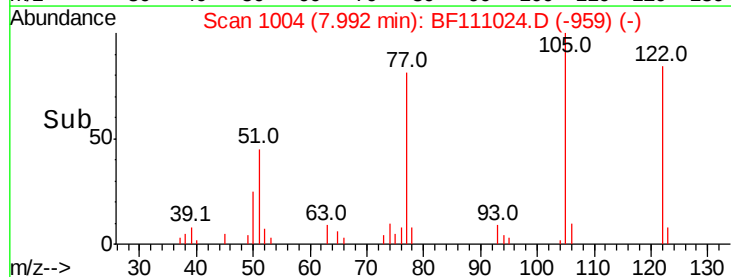
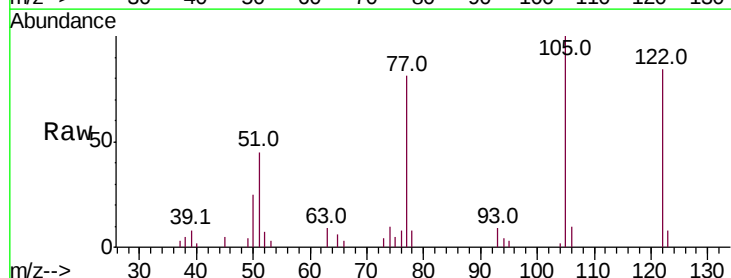
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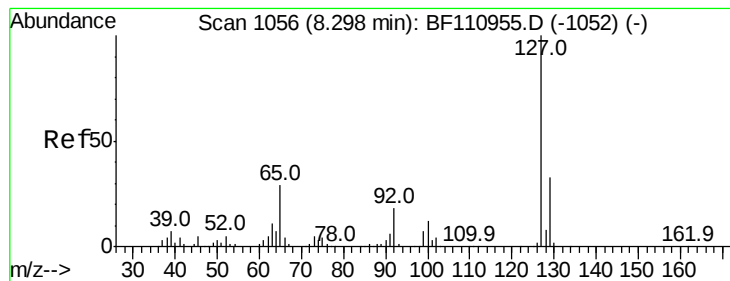
mohammad
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#32
Benzoic acid
Concen: 26.266 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	109.0	149.0
77	96.0	79.0	119.0





#33

4-Chloroaniline

Concen: 41.509 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

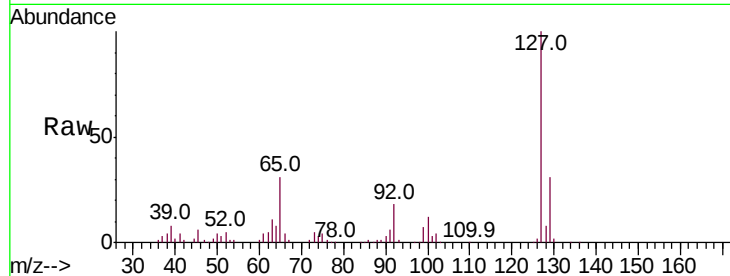
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.0	39.0
65	30.7	25.1	37.7
92	18.2	15.0	22.6

Manual Integrations
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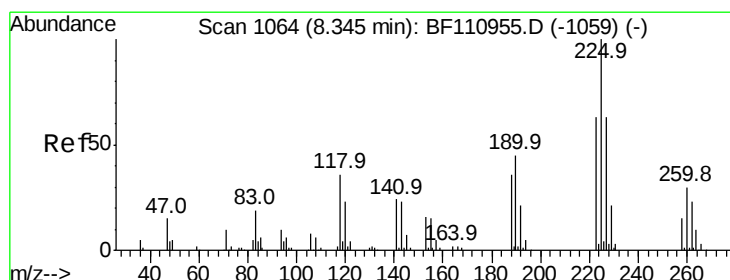
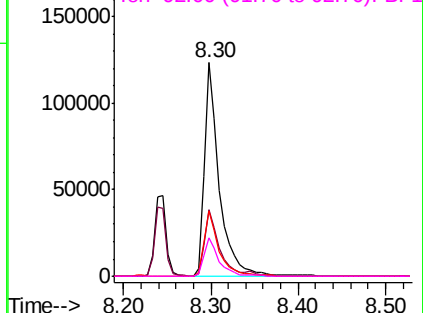
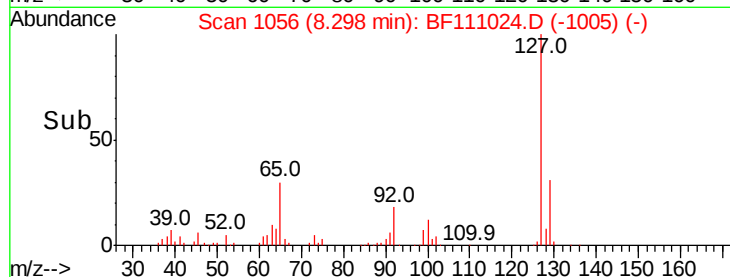
Abundance

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: 42.173 ng

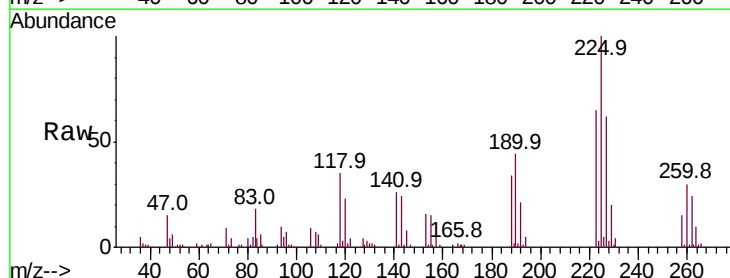
RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.4	77.2
227	62.3	51.0	76.6

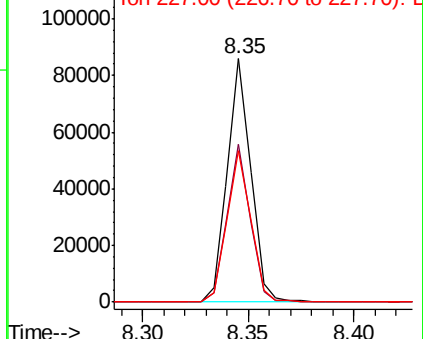
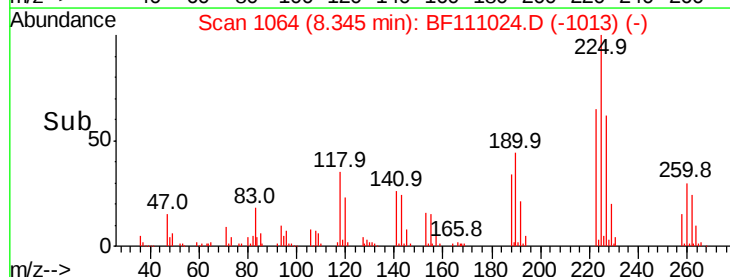


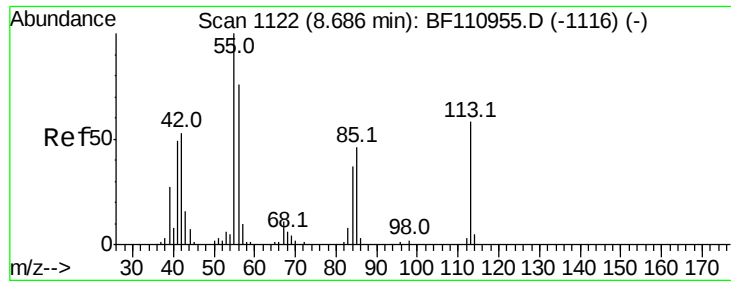
Abundance

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





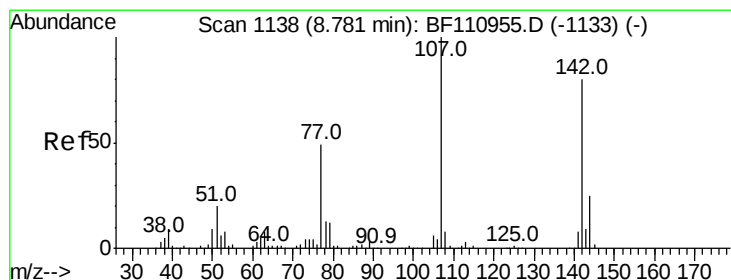
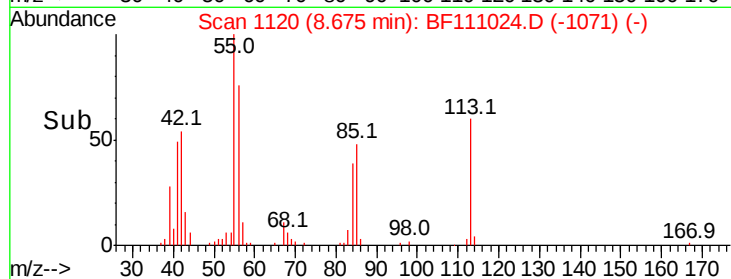
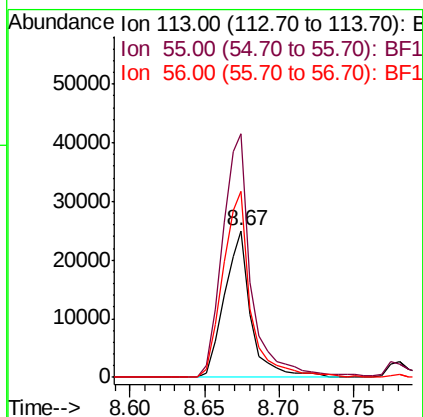
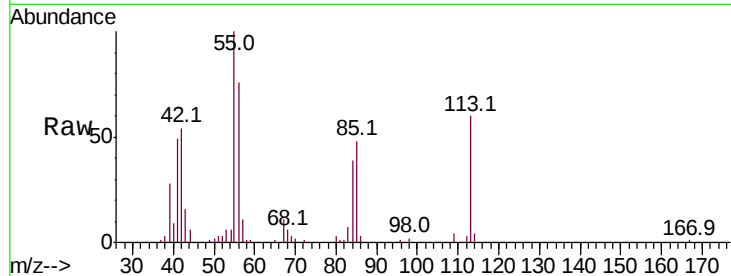
#35
Caprolactam
Concen: 37.291 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.7	142.8	182.8
56	126.5	105.0	145.0

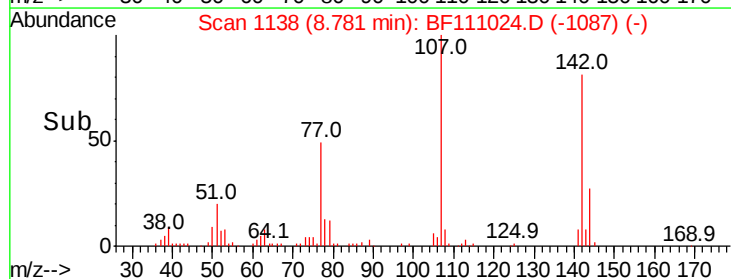
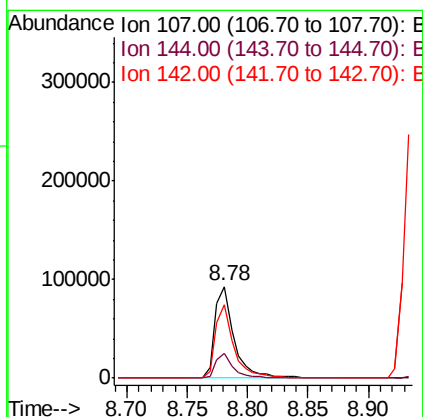
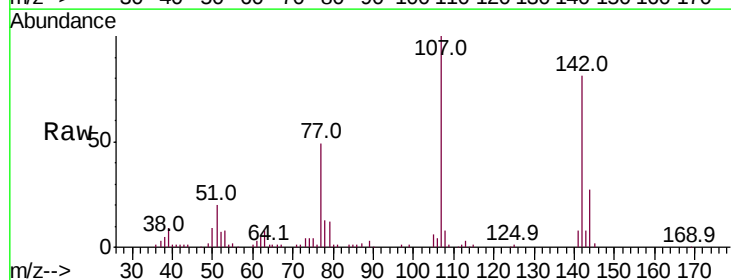
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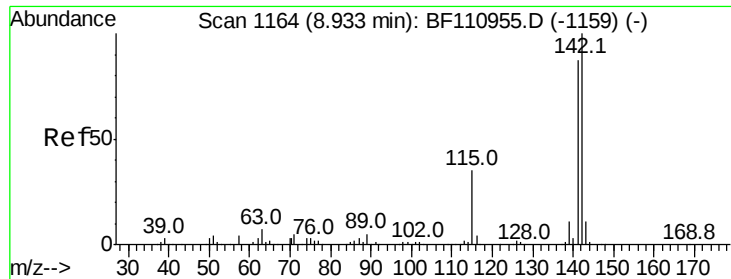
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 37.365 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.0	30.0
142	80.6	59.7	89.5





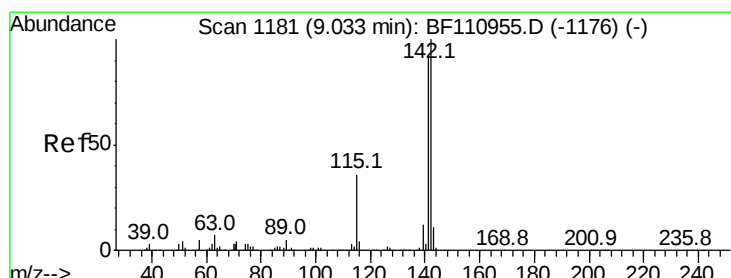
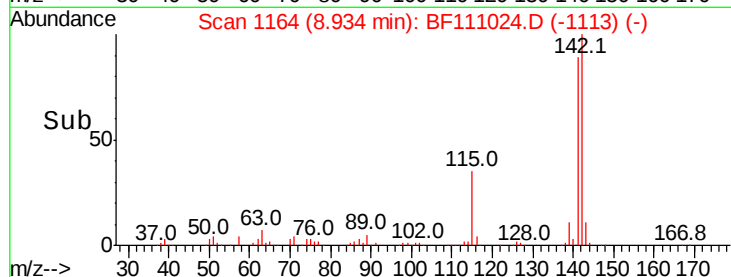
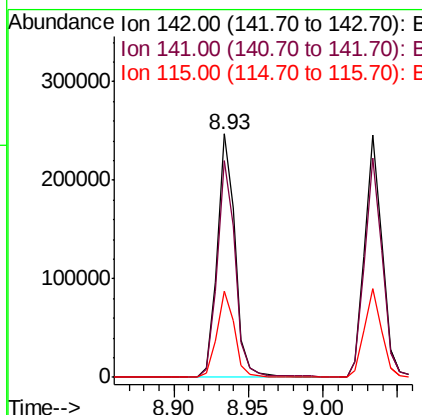
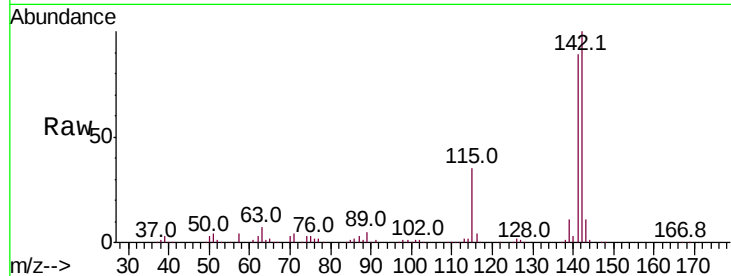
#37
2-Methylnaphthalene
Concen: 38.086 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	35.4	28.7	43.1

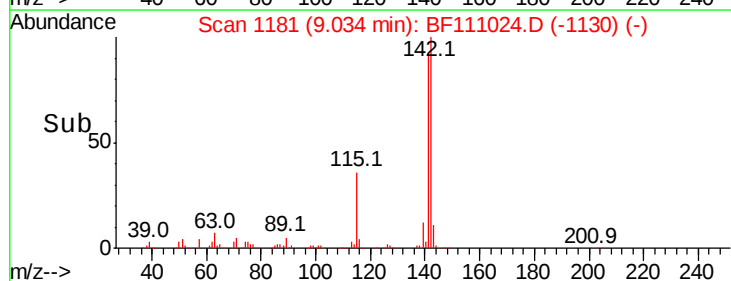
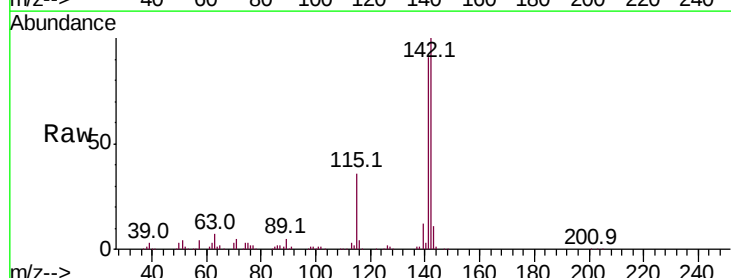
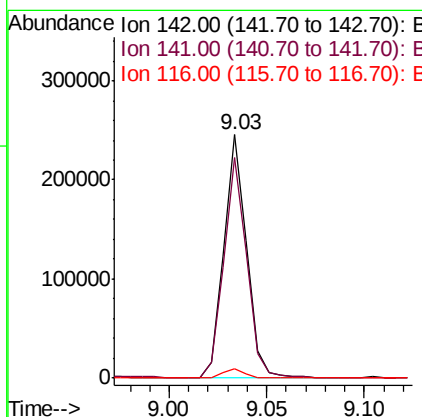
Manual Integrations
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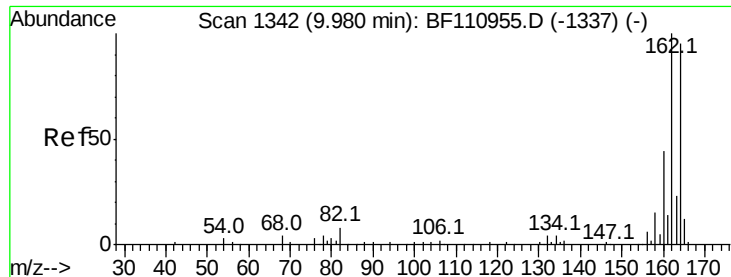
mohammad
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#38
1-Methylnaphthalene
Concen: 37.463 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	3.9	2.6	4.0





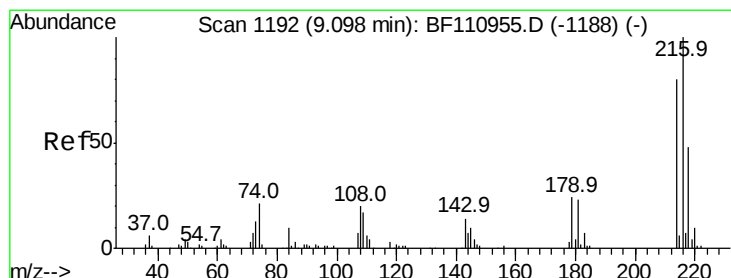
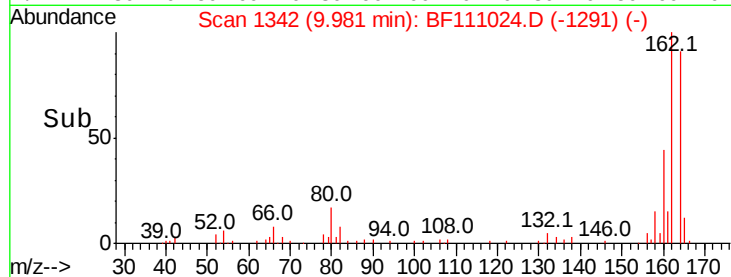
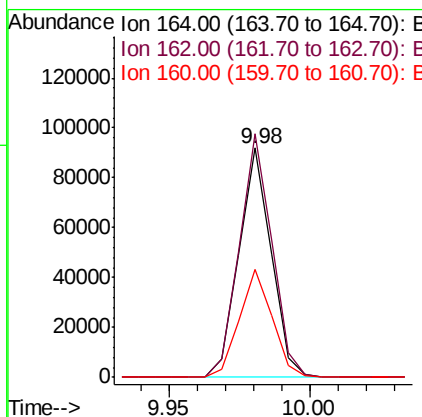
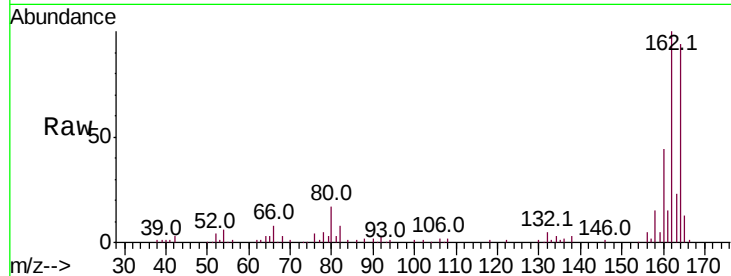
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.6
160	47.1	37.0	55.6

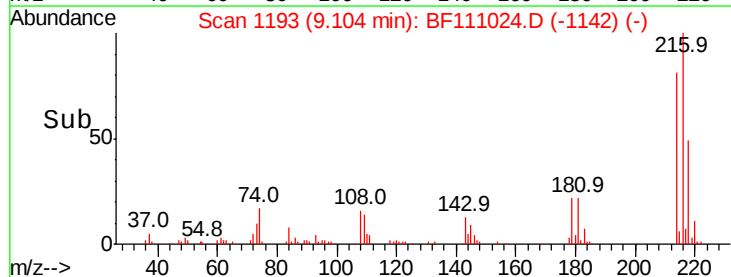
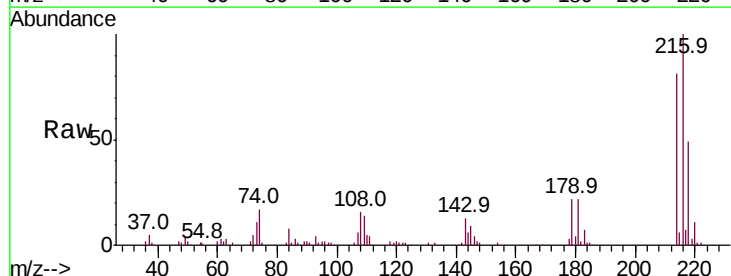
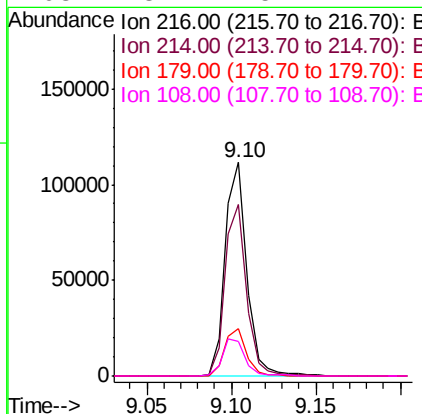
Manual Integrations
APPROVED

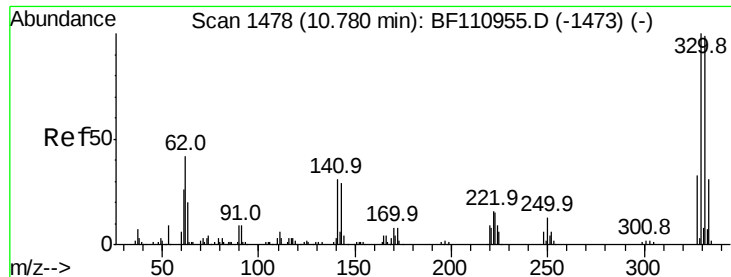
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.600 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	22.2	16.6	25.0
108	18.2	15.1	22.7





#42

2,4,6-Tribromophenol

Concen: 83.187 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

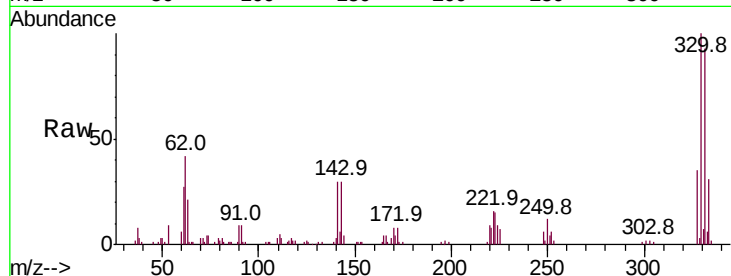
ClientSampleId :

SSTDCCC040

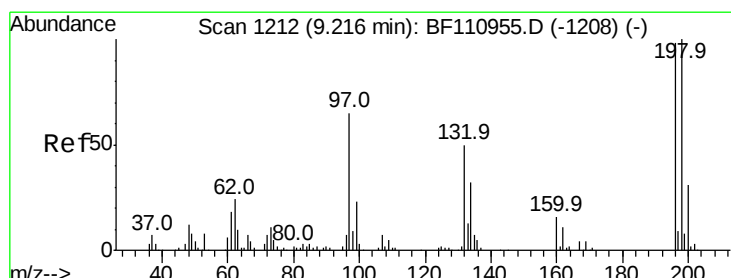
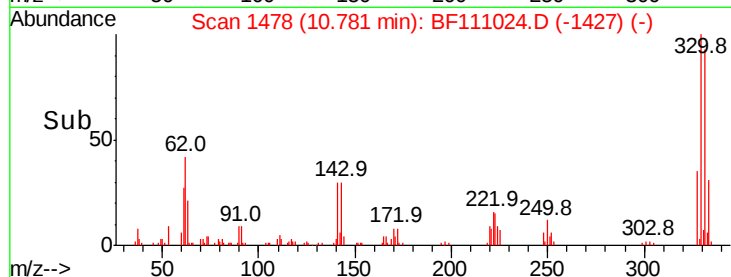
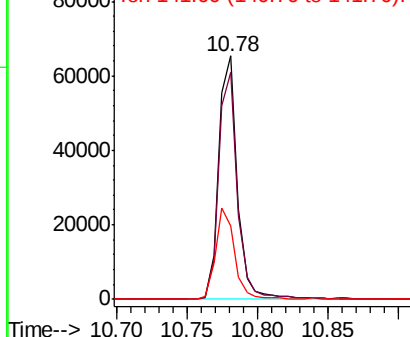
Tot Ion:	330	Resp:	60150
Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	37.9	27.0	40.4

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



#43

2,4,6-Trichlorophenol

Concen: 42.936 ng

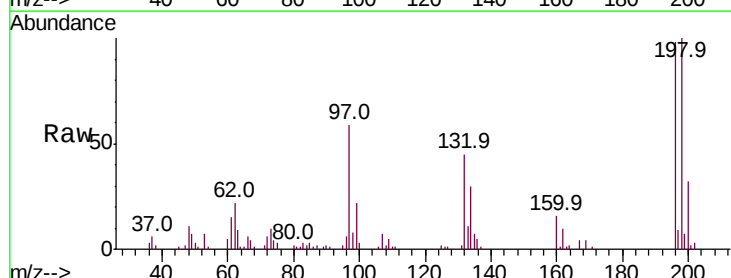
RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

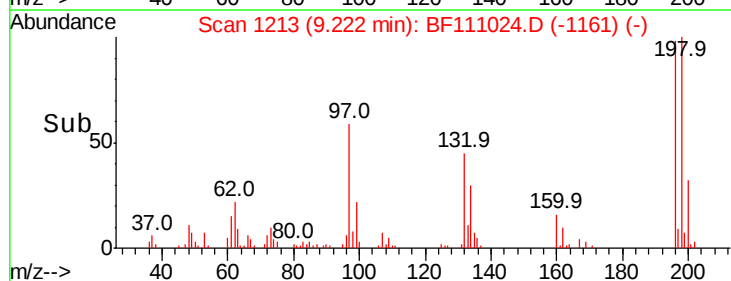
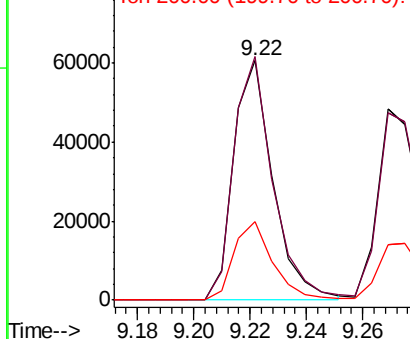
Lab File: BF111024.D

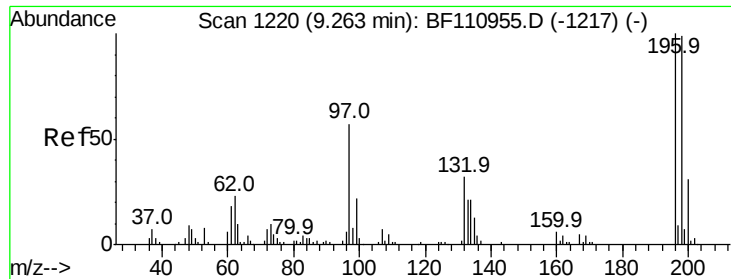
Acq: 27 Nov 2018 22:51

Tgt Ion:	196	Resp:	58731
Ion	Ratio	Lower	Upper
196	100		
198	101.7	76.2	114.4
200	32.9	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





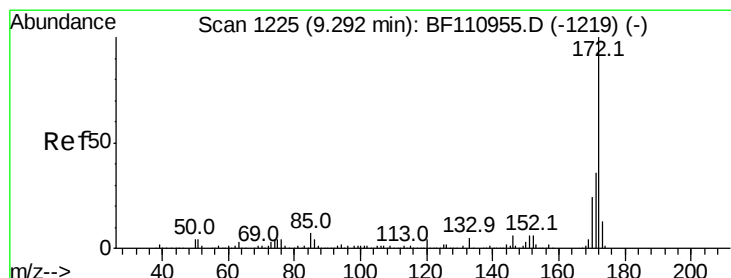
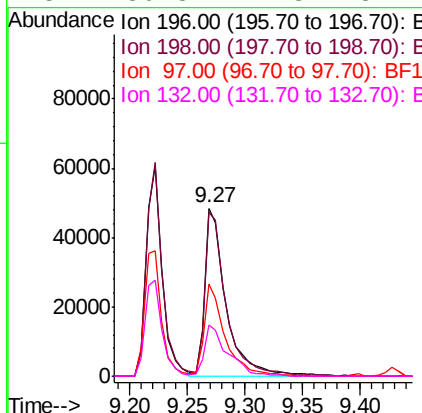
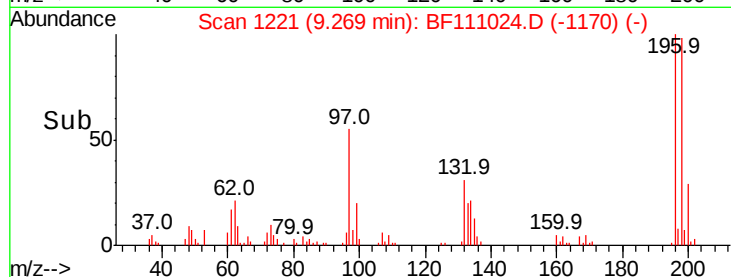
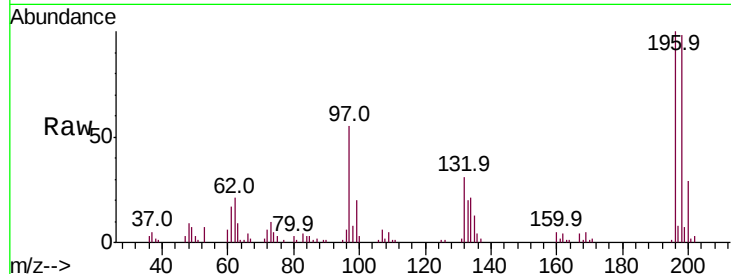
#44
 2,4,5-Trichlorophenol
 Concen: 43.474 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	62617
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.8	113.6
97	55.2	42.4	63.6
132	30.8	22.8	34.2

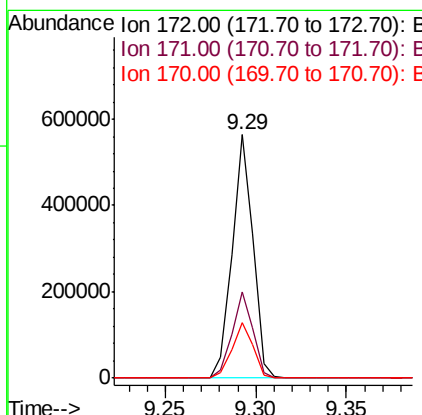
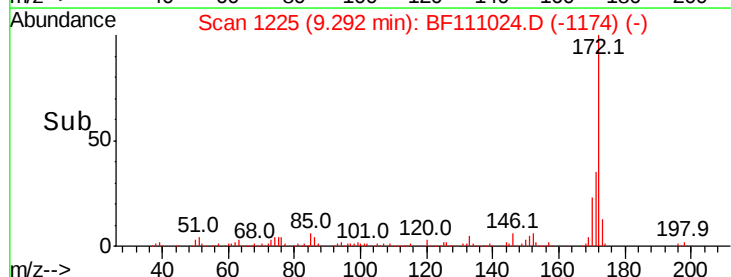
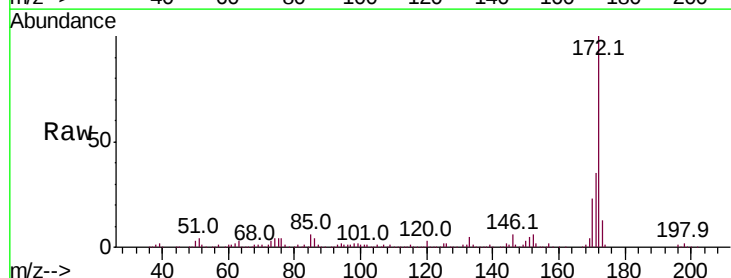
Manual Integrations
 APPROVED

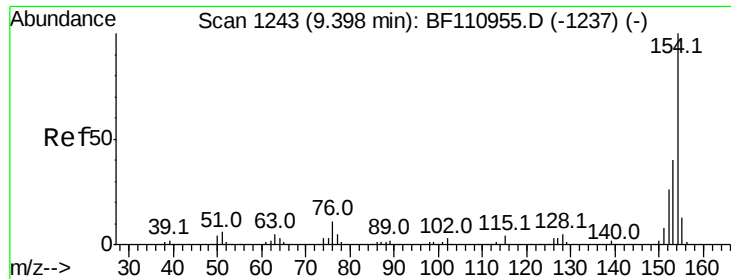
mohammad
 11/28/2018 4:56:55 PM



#45
 2-Fluorobiphenyl
 Concen: 89.975 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion:	172	Resp:	452163
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	43.0
170	23.0	19.7	29.5





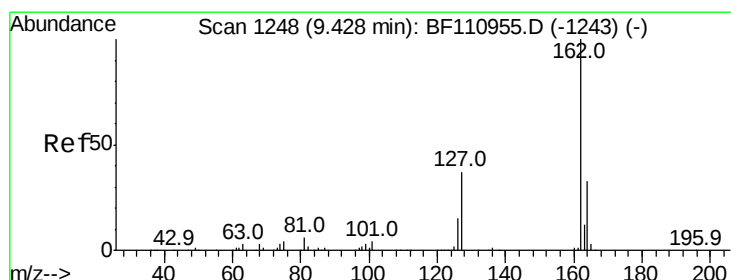
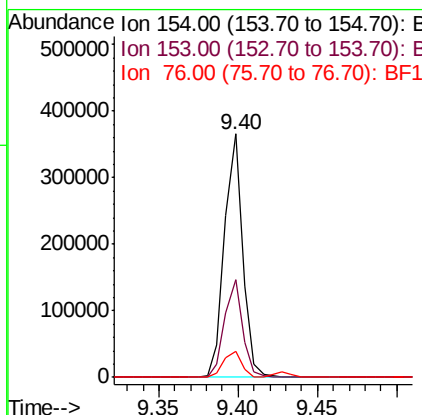
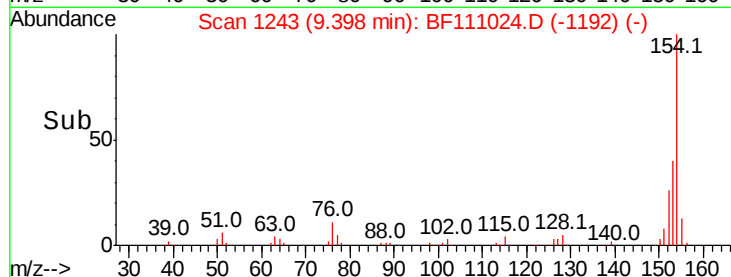
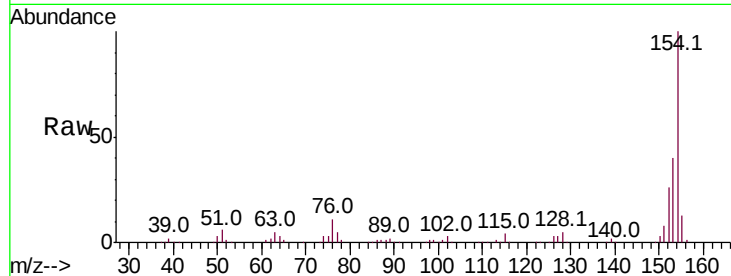
#46
 1,1'-Biphenyl
 Concen: 43.545 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	10.6	0.0	31.9

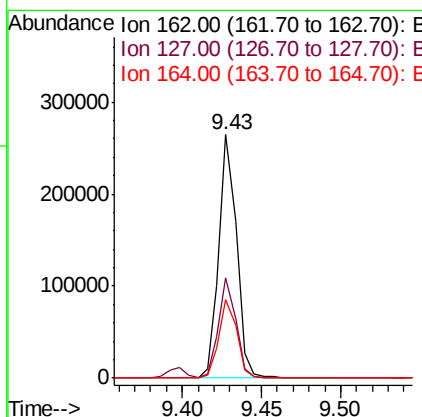
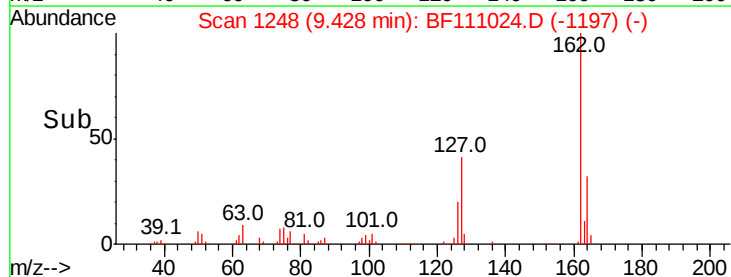
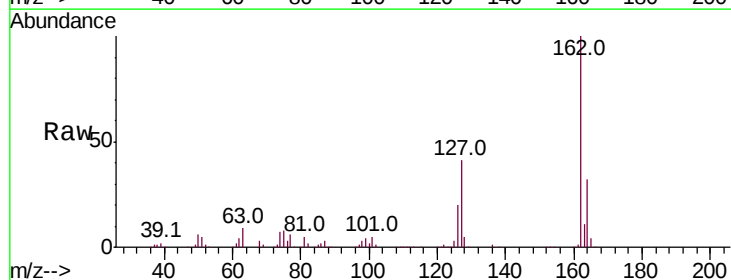
Manual Integrations
 APPROVED

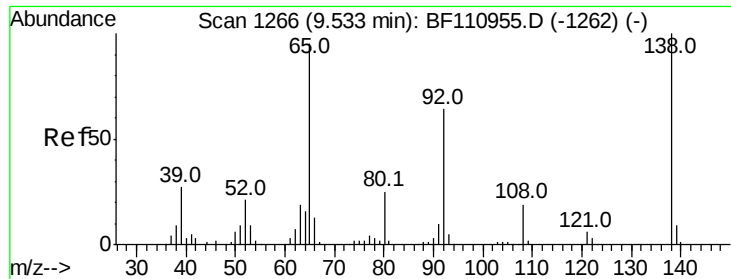
mohammad
 11/28/2018 4:56:55 PM



#47
 2-Chloronaphthalene
 Concen: 42.404 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.6	48.8
164	32.3	25.9	38.9





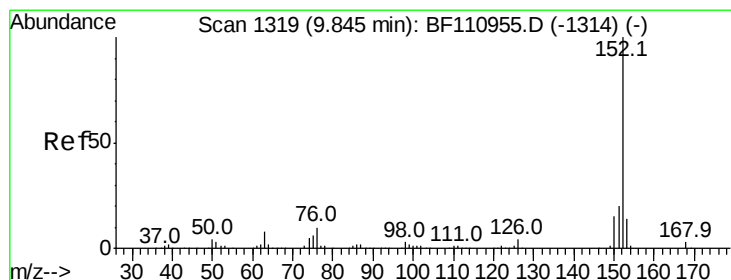
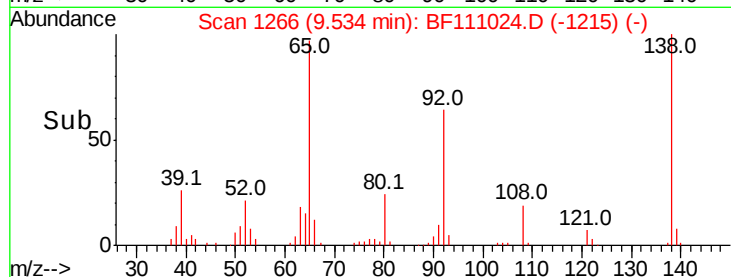
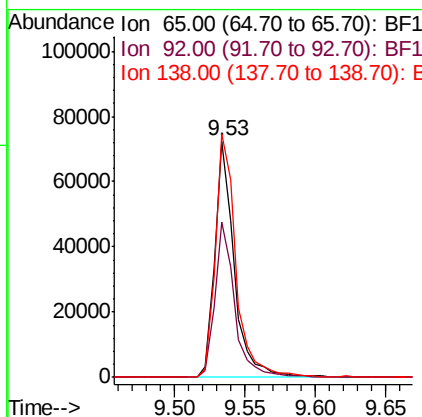
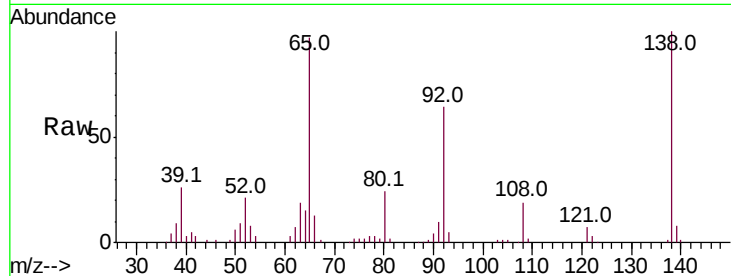
#48
2-Nitroaniline
Concen: 45.490 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	54.6	81.8
138	103.0	80.3	120.5

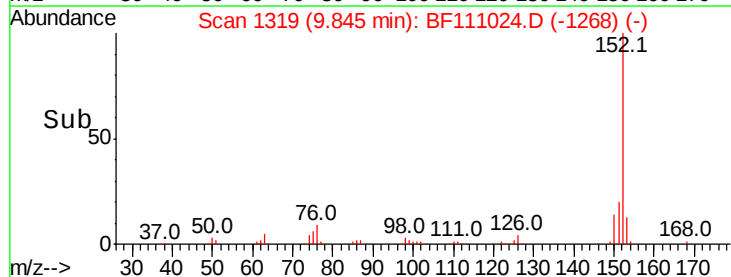
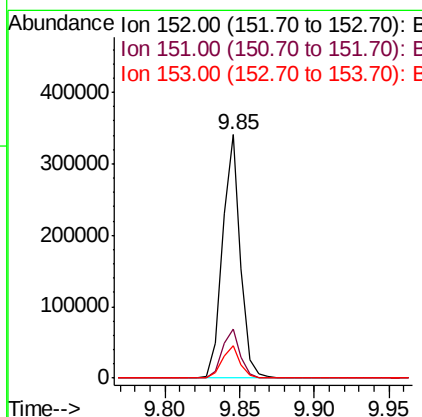
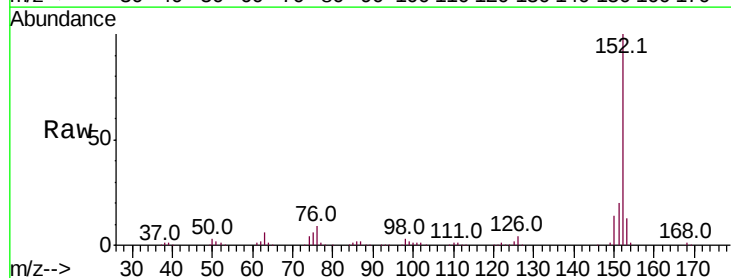
Manual Integrations
APPROVED

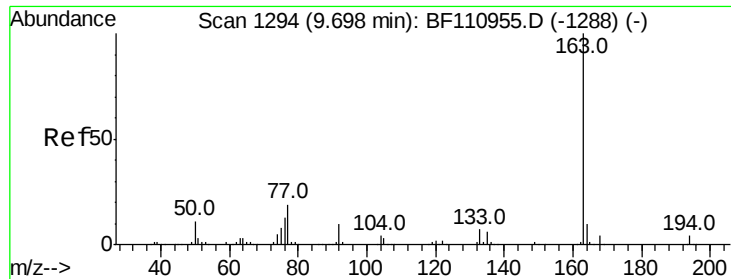
mohammad
11/28/2018 4:56:55 PM



#49
Acenaphthylene
Concen: 41.438 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.4	15.6





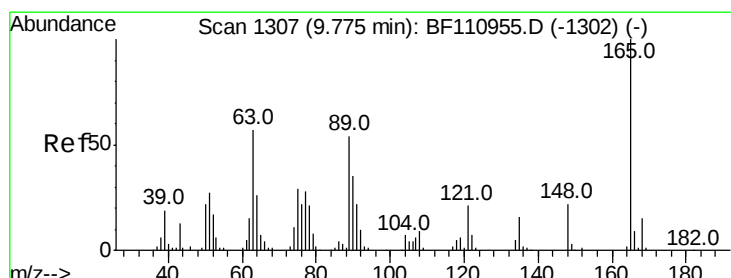
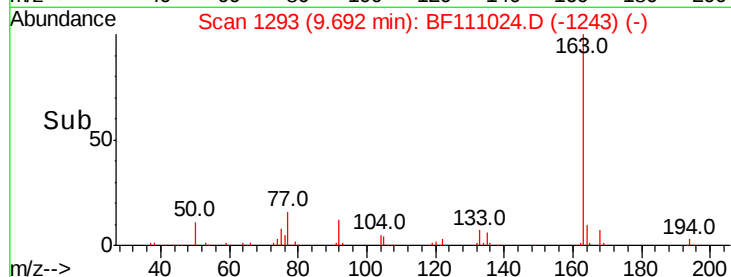
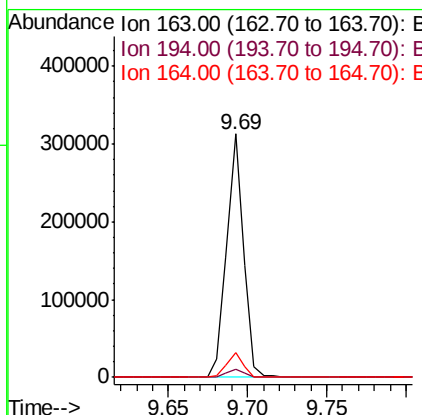
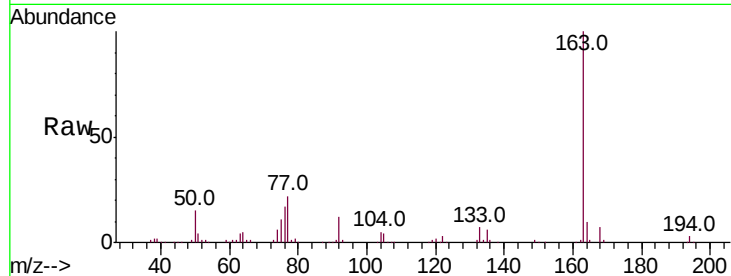
#50
Dimethylphthalate
Concen: 43.215 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	230752		
194	3.4		3.2	4.8
164	10.1		8.1	12.1

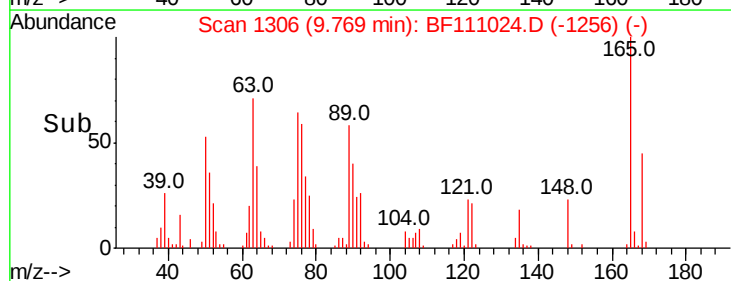
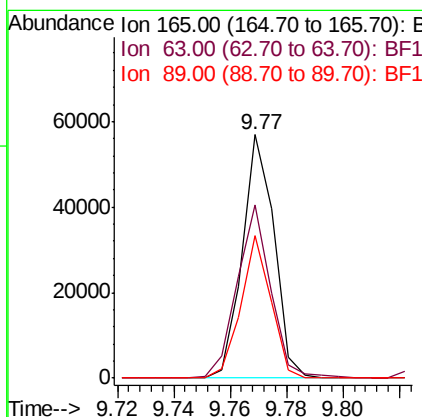
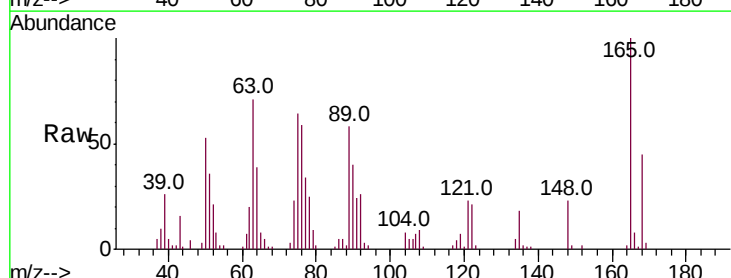
Manual Integrations
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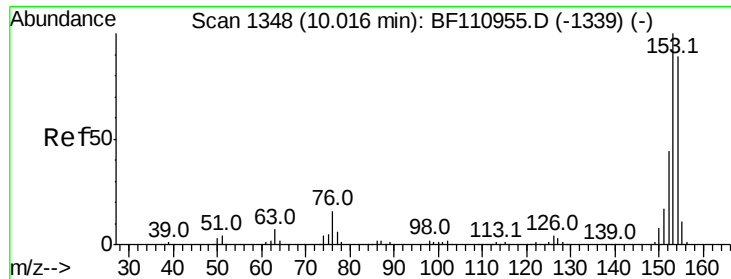
mohammad
11/28/2018 4:56:55 PM



#51
2,6-Dinitrotoluene
Concen: 37.232 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44259		
63	71.1		48.9	73.3
89	58.3		46.6	69.8





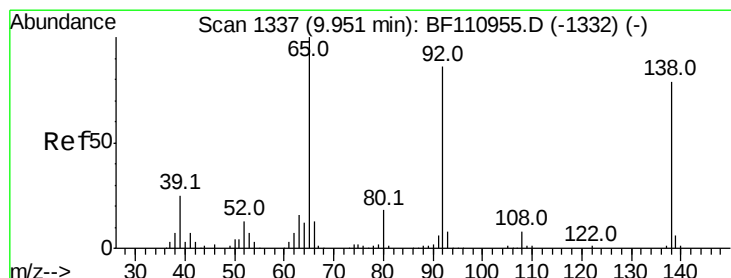
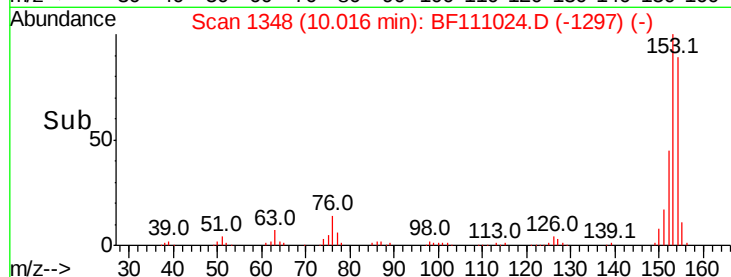
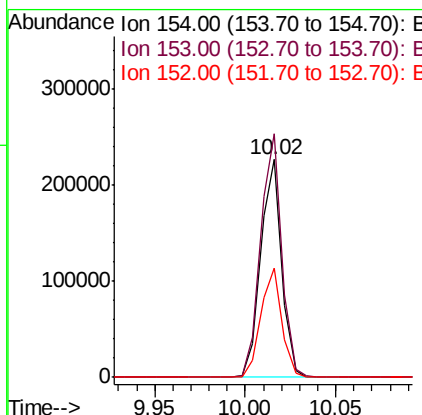
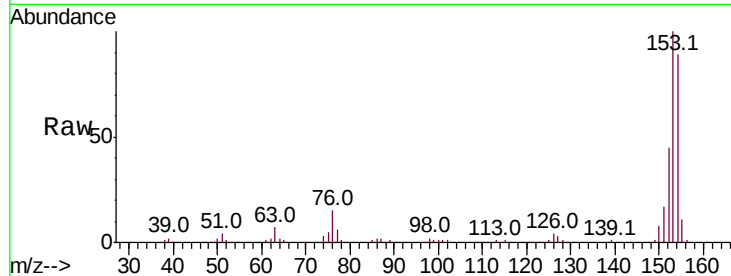
#52
Acenaphthene
Concen: 41.163 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	50.0	43.4	65.2

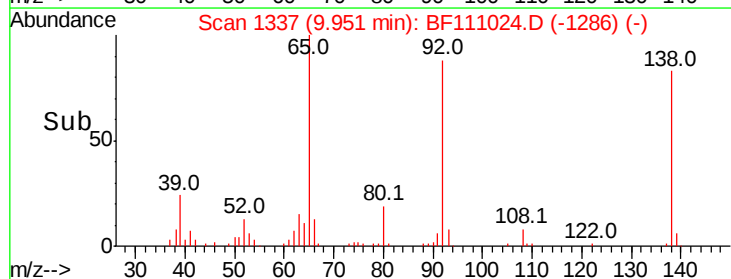
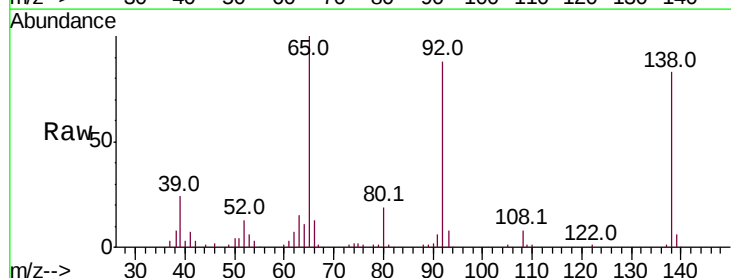
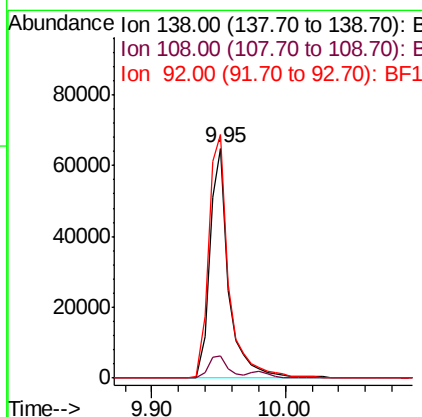
Manual Integrations
APPROVED

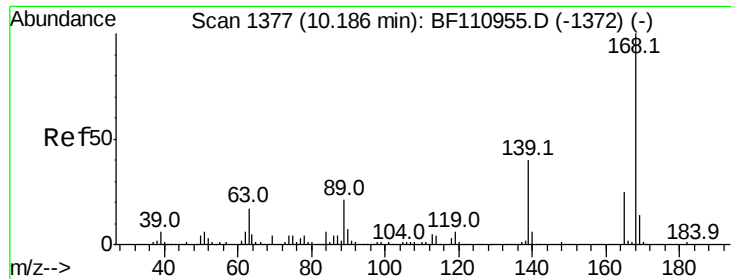
mohammad
11/28/2018 4:56:55 PM



#53
3-Nitroaniline
Concen: 46.277 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.7	13.1
92	105.9	97.0	145.4





#55

Dibenzenofuran

Concen: 41.224 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 266816

Ion Ratio Lower Upper

168 100

139 40.8 33.0 49.6

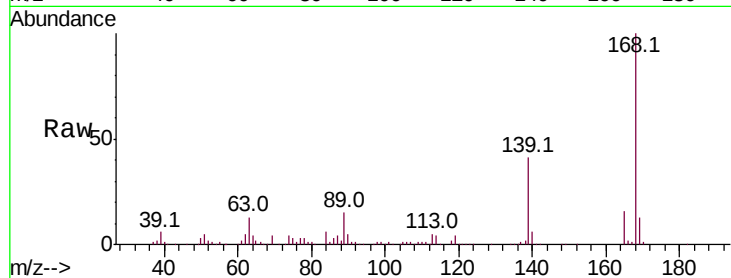
169 13.3 11.3 16.9

Manual Integrations

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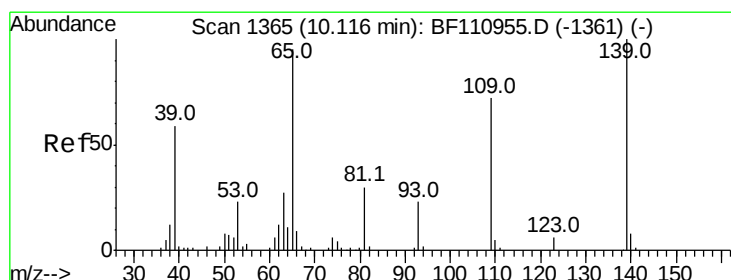
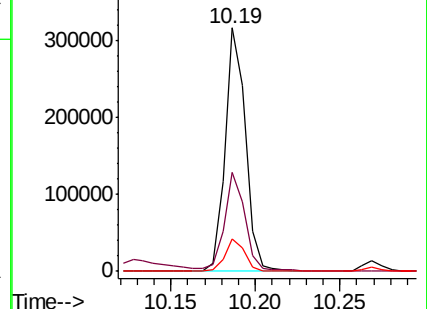
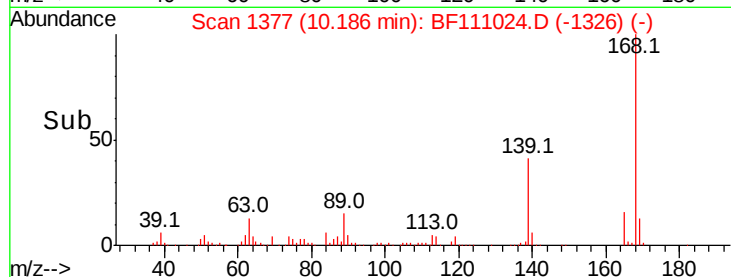
11/28/2018 4:56:55 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.367 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

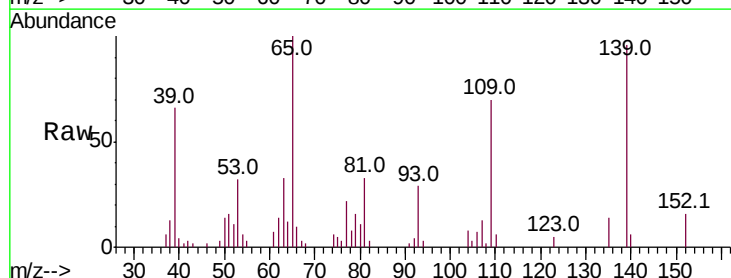
Tgt Ion:139 Resp: 28570

Ion Ratio Lower Upper

139 100

109 72.4 55.8 95.8

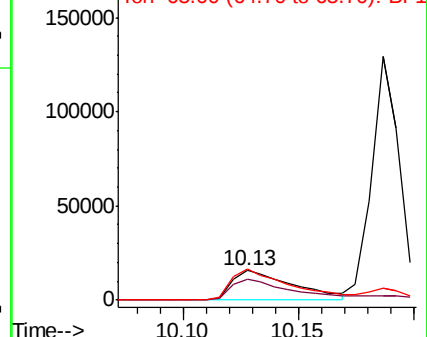
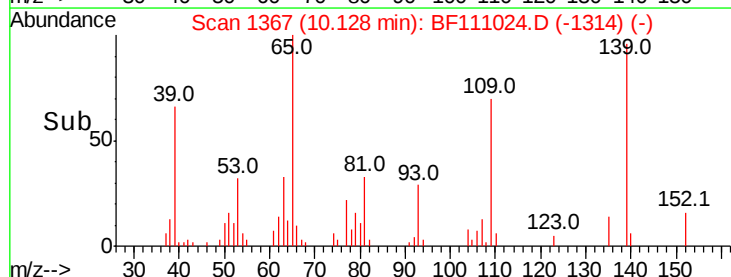
65 103.7 77.9 117.9

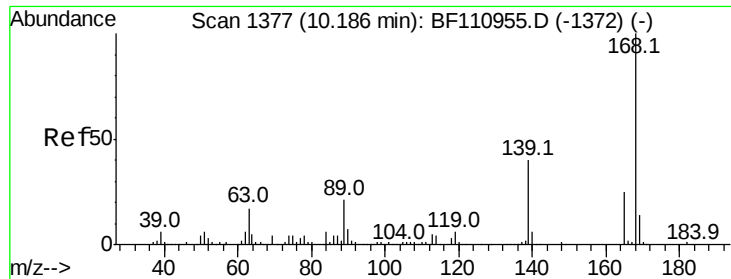


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





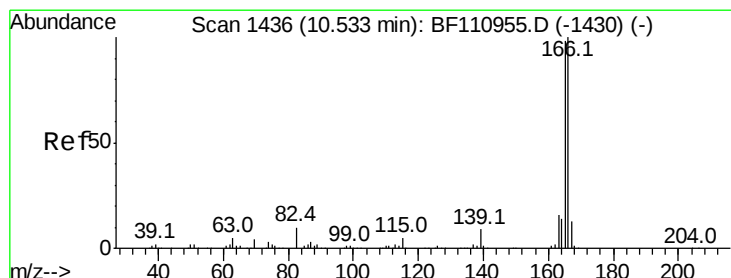
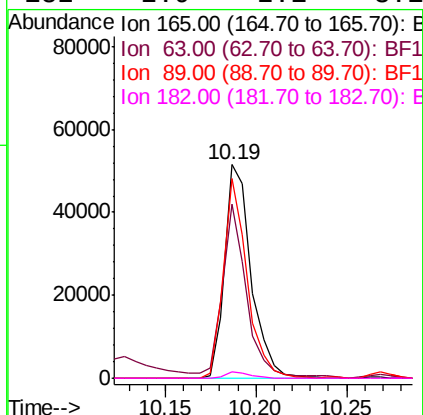
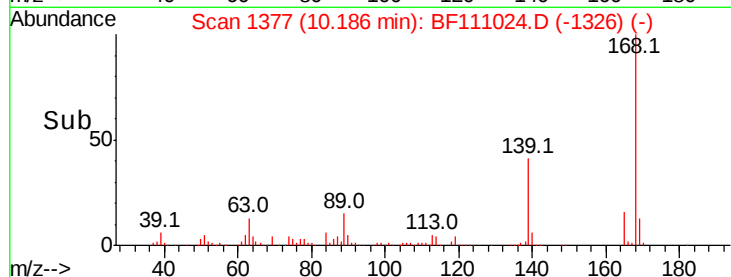
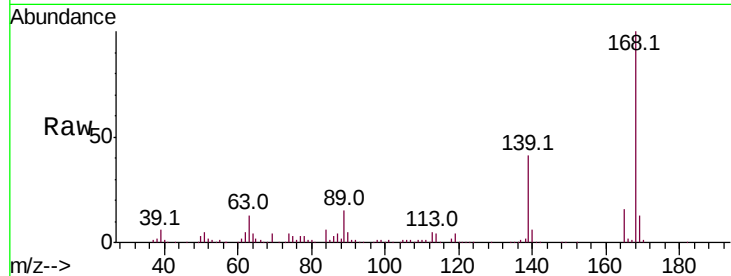
#57
2,4-Dinitrotoluene
Concen: 34.082 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	81.8	44.8	67.2#
89	93.6	62.2	93.4#
182	2.9	2.1	3.1

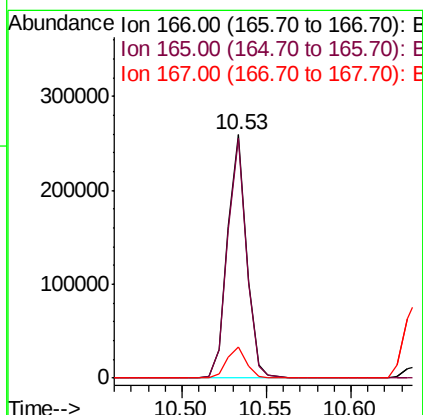
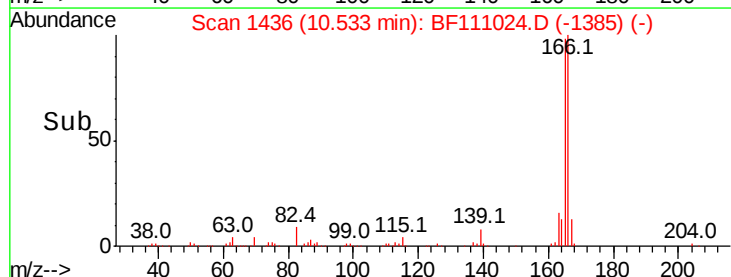
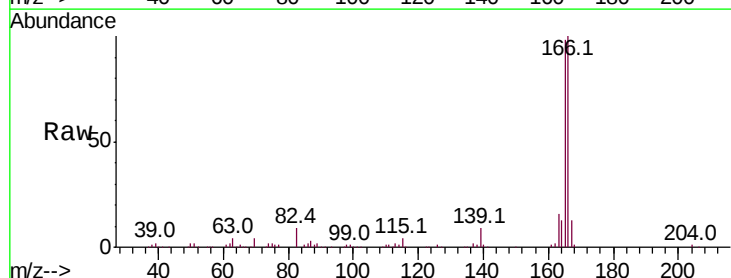
Manual Integrations
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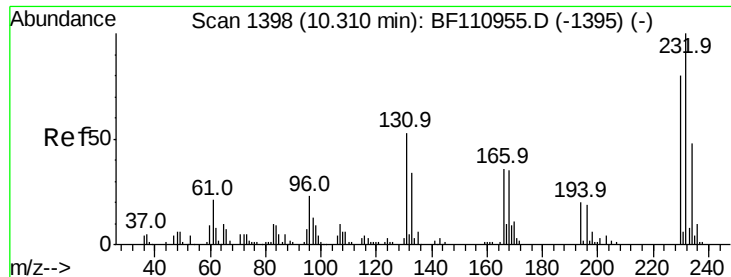
mohammad
11/28/2018 4:56:55 PM



#58
Fluorene
Concen: 40.322 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	78.6	117.8
167	12.7	10.8	16.2





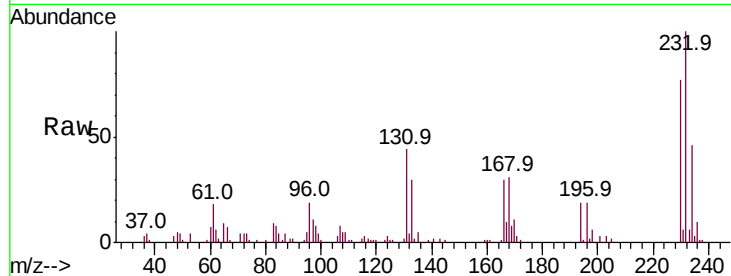
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.643 ng/ml
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

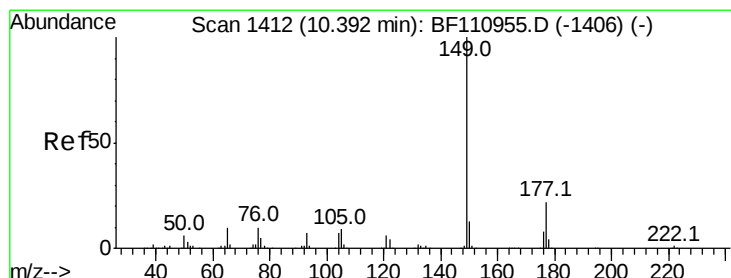
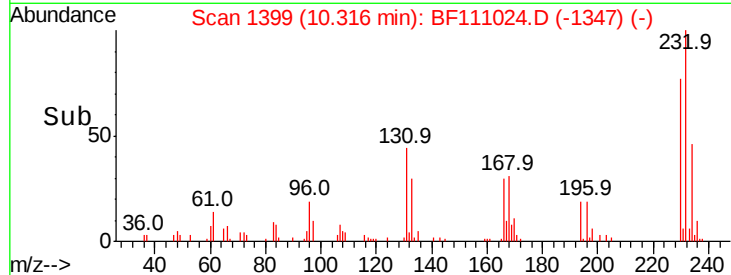
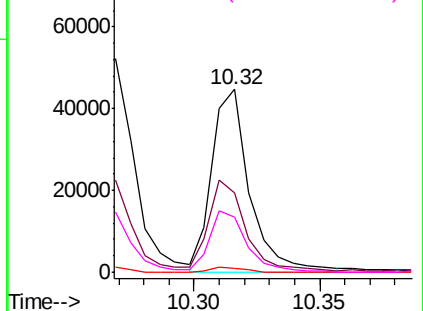
Tot Ion:	232	Resp:	46860
Ion Ratio	Lower	Upper	
232	100		
131	42.2	37.0	55.4
130	1.9	1.8	2.6
166	26.0	22.0	33.0

Manual Integrations
 APPROVED

mohammad
 11/28/2018 4:56:55 PM



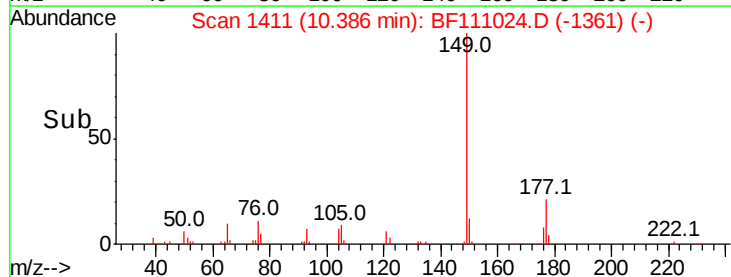
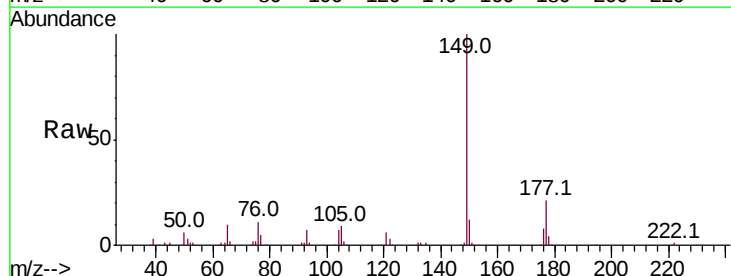
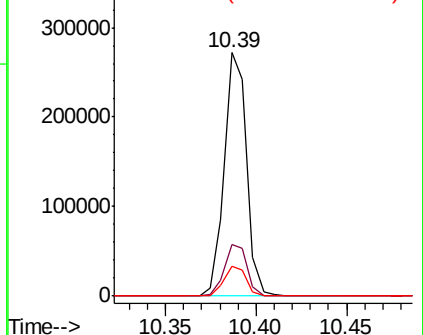
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

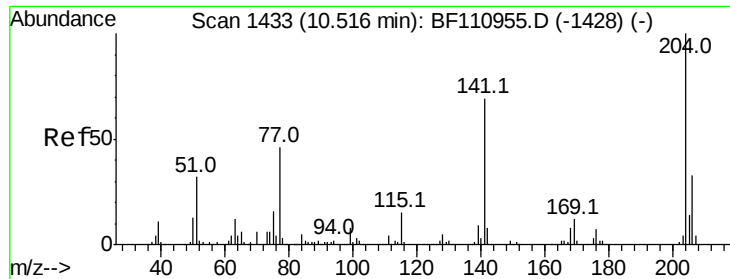


#60
 Diethylphthalate
 Concen: 42.246 ng/ml
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion:	149	Resp:	232622
Ion Ratio	Lower	Upper	
149	100		
177	21.0	17.4	26.2
150	12.4	9.8	14.8

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





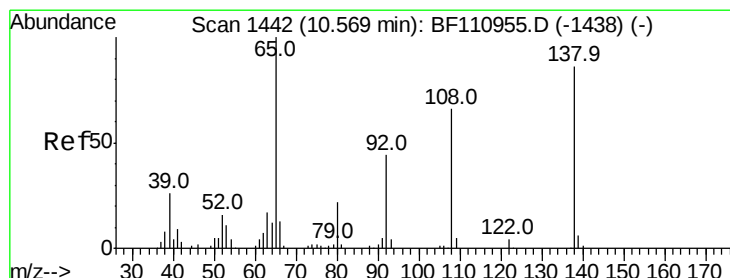
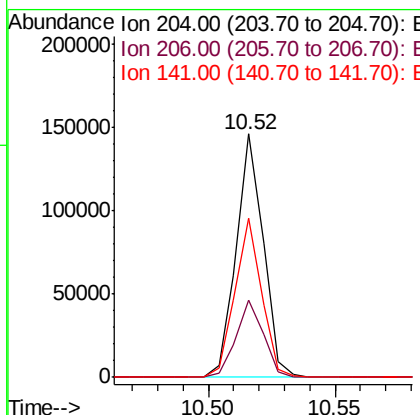
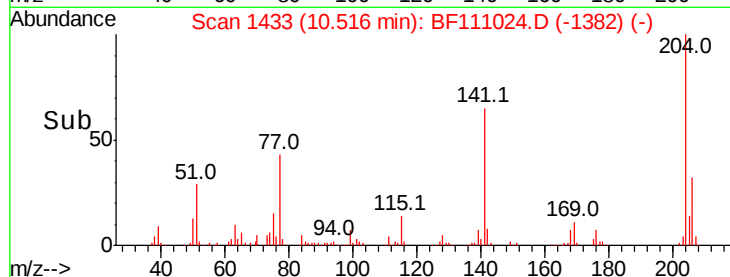
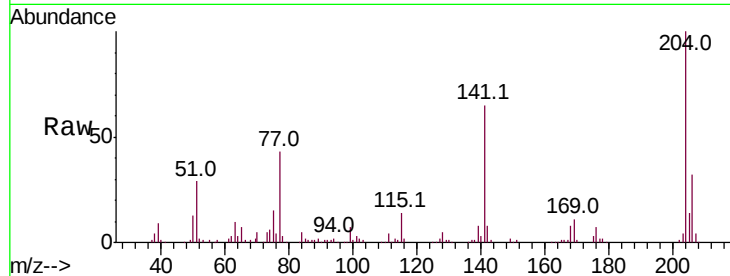
#61
4-Chlorophenyl-phenylether
Concen: 41.076 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	65.2	51.8	77.8

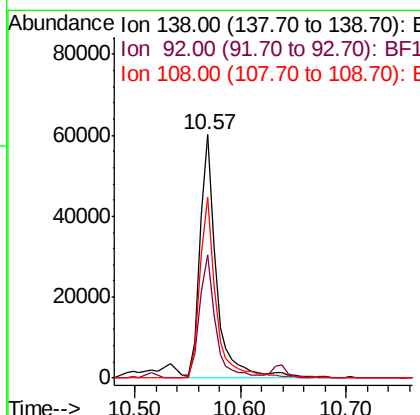
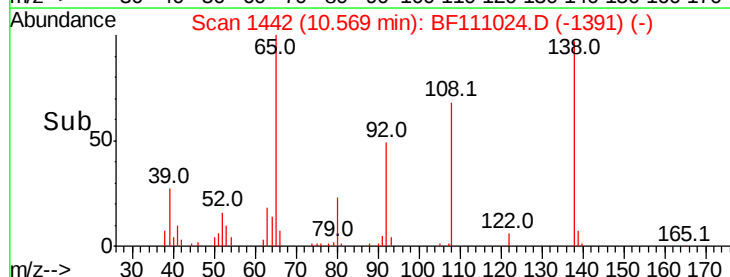
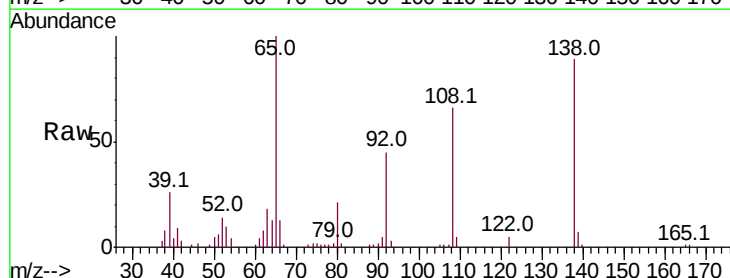
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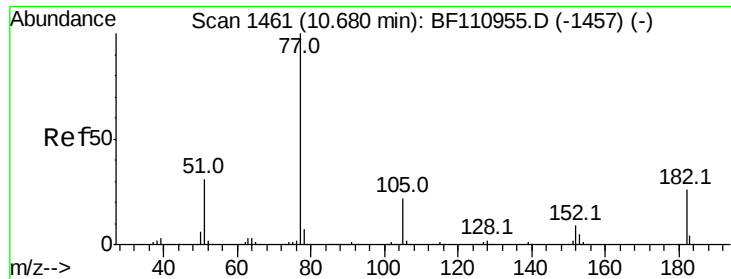
mohammad
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#62
4-Nitroaniline
Concen: 50.143 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.7	71.7
108	74.3	59.3	99.3





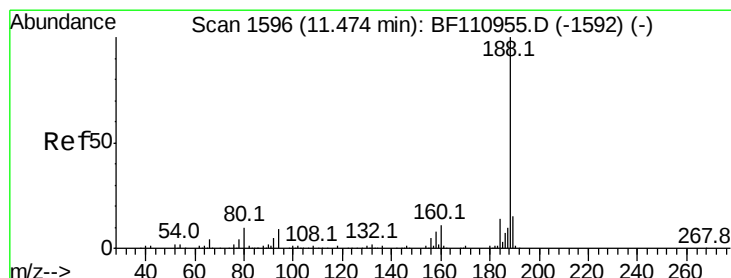
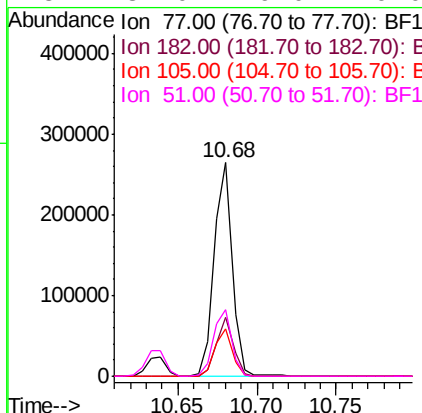
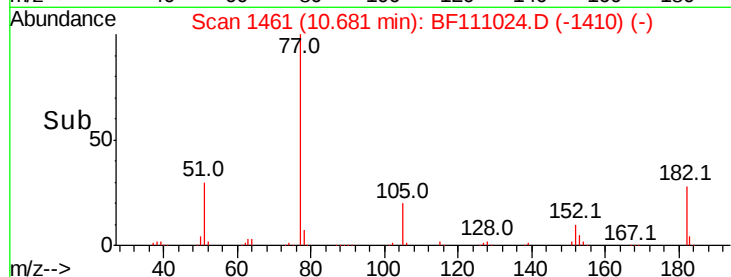
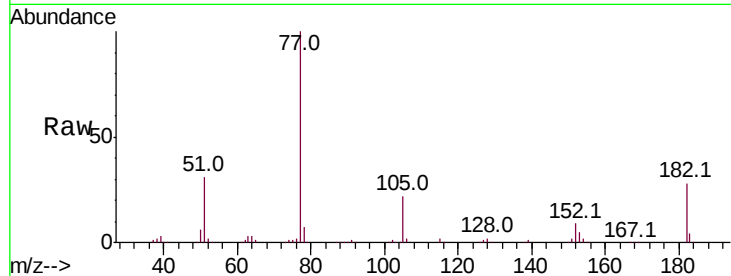
#63
Azobenzene
Concen: 39.331 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	4.3	44.3	
105	22.5	1.3	41.3	
51	31.0	9.0	49.0	

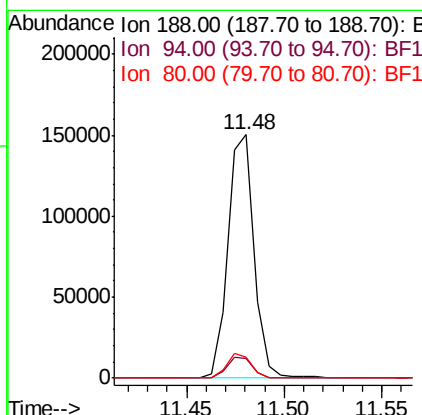
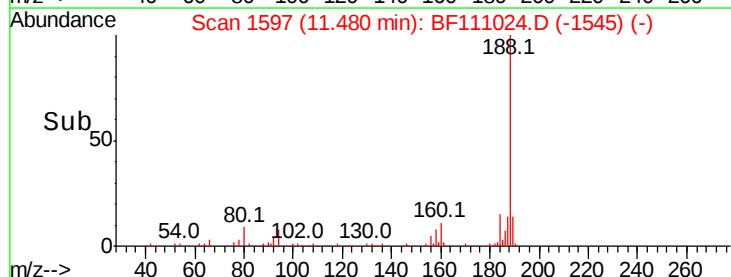
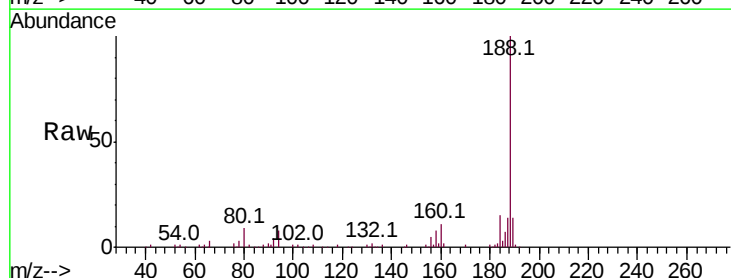
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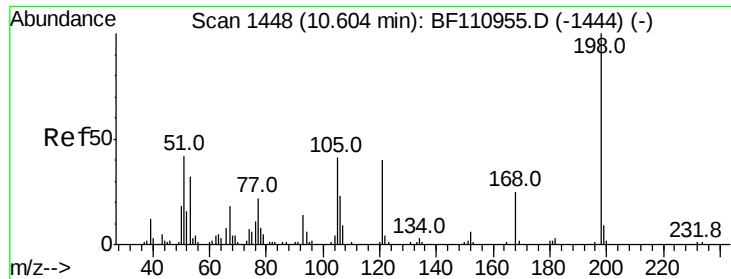
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.2	10.8	
80	8.8	7.9	11.9	





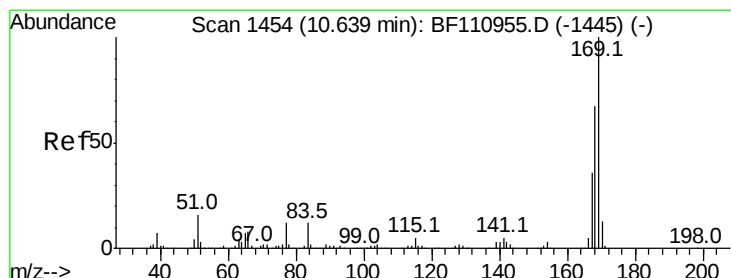
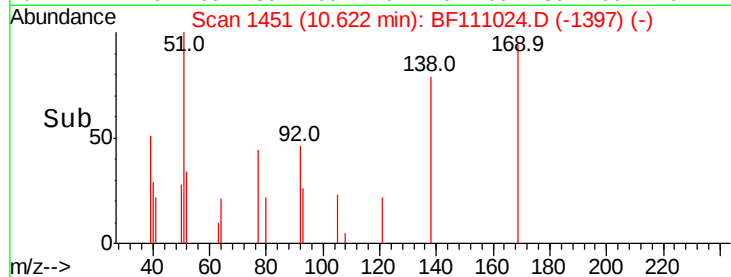
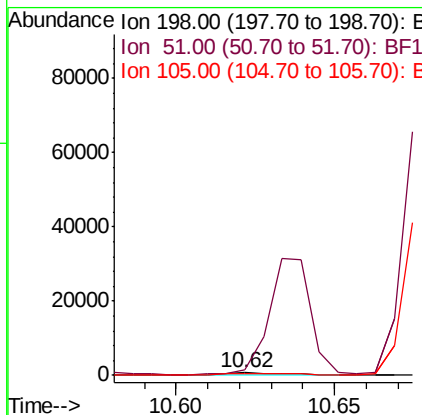
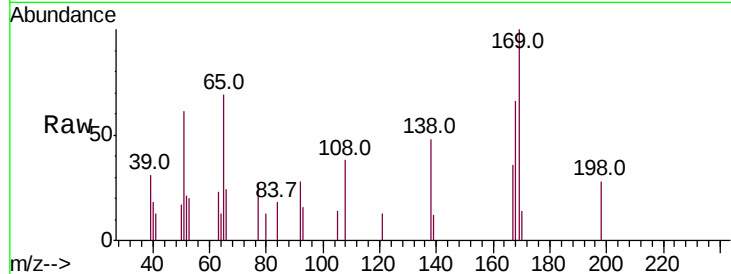
#65
4,6-Dinitro-2-methylphenol
Concen: 1.400 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 923
Ion Ratio Lower Upper
198 100
51 216.4 22.8 62.8#
105 50.5 23.6 63.6

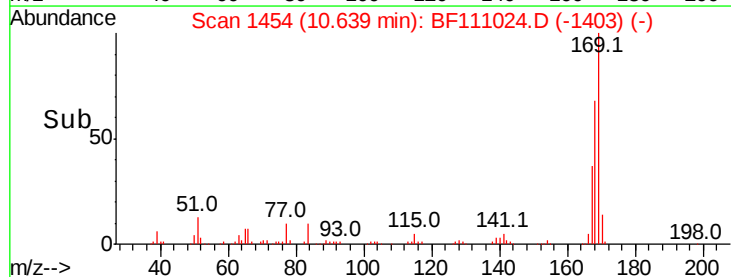
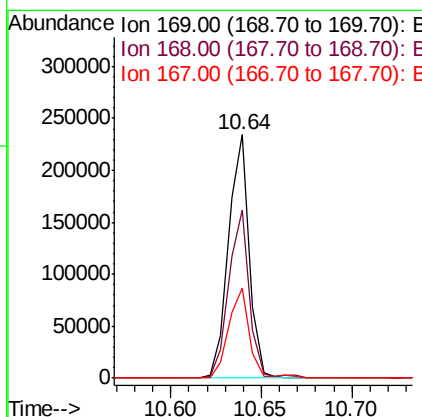
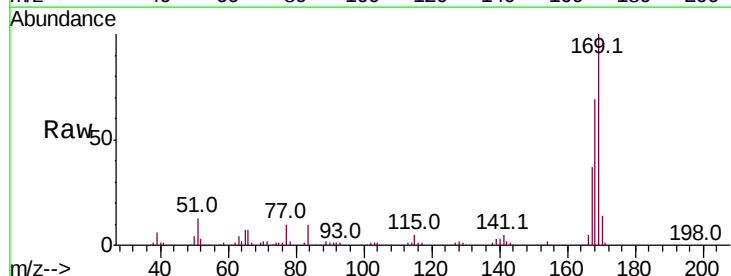
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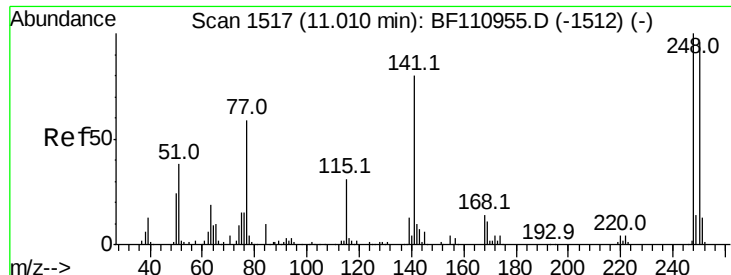
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#66
n-Nitrosodiphenylamine
Concen: 40.268 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion:169 Resp: 186828
Ion Ratio Lower Upper
169 100
168 68.8 51.2 76.8
167 36.8 27.8 41.6





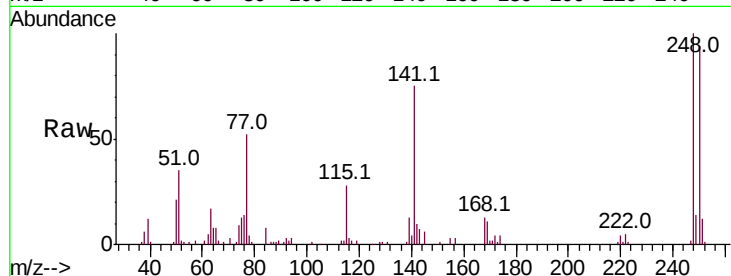
#67
 4-Bromophenyl-phenylether
 Concen: 40.790 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	79.4	119.2
141	75.2	55.9	83.9

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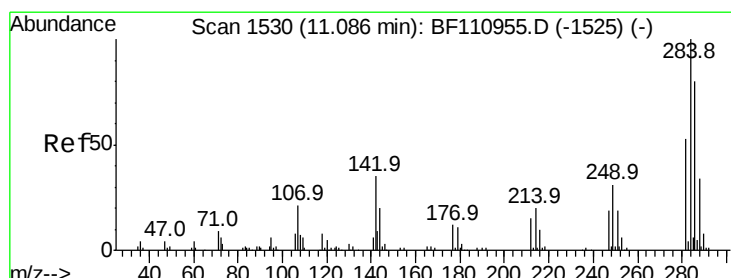
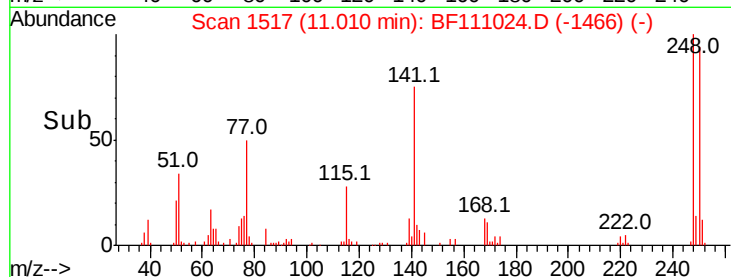
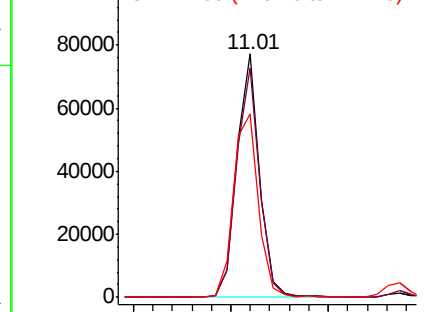


Abundance

Ion 248.00 (247.70 to 248.70): E

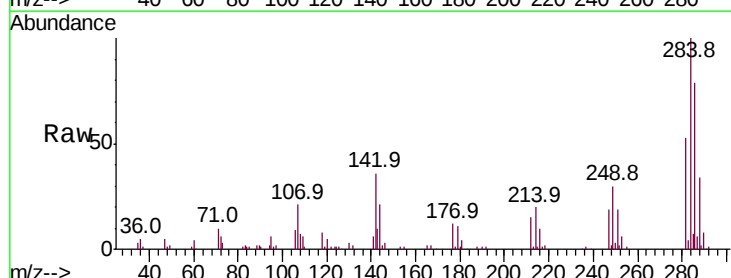
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.243 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	23.9	35.9
249	29.7	24.2	36.2

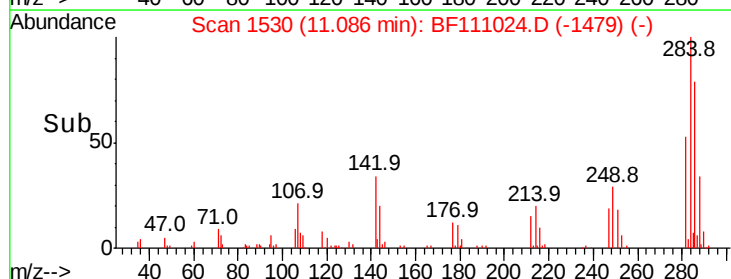
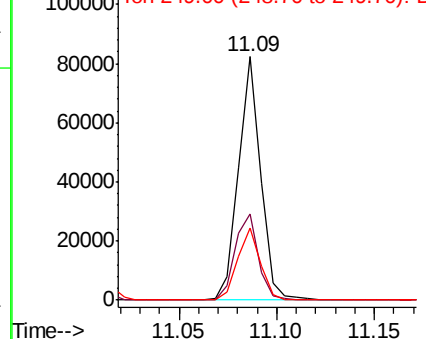


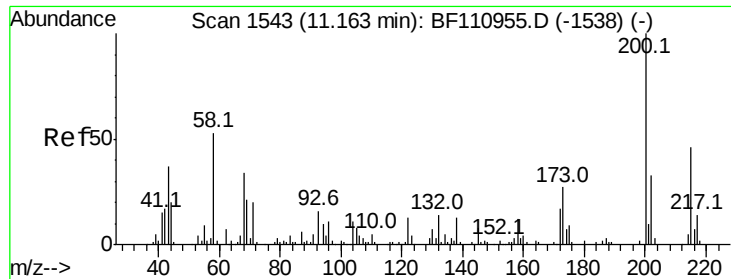
Abundance

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





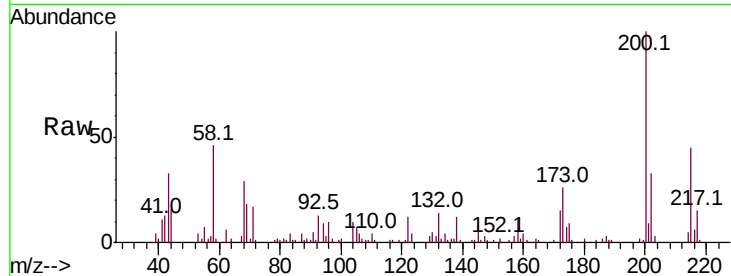
#69
 Atrazine
 Concen: 37.351 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

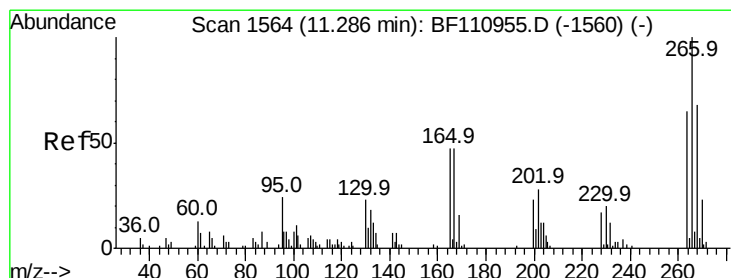
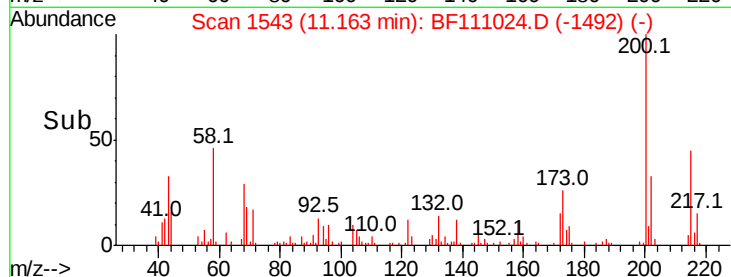
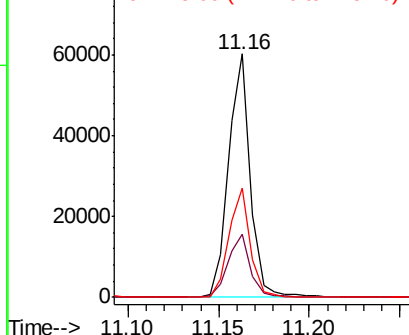
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	45.1	26.3	66.3

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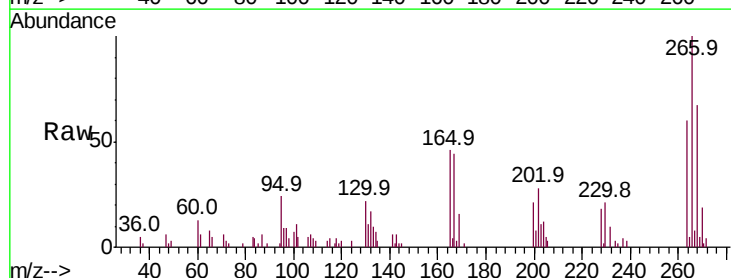


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

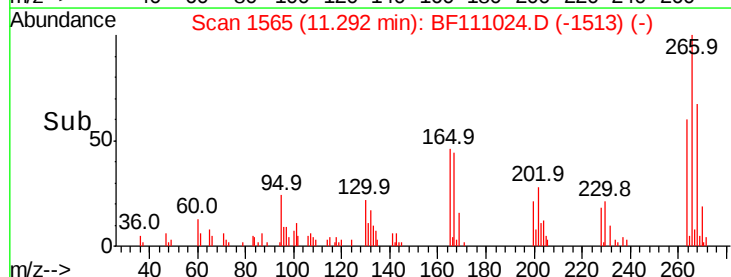
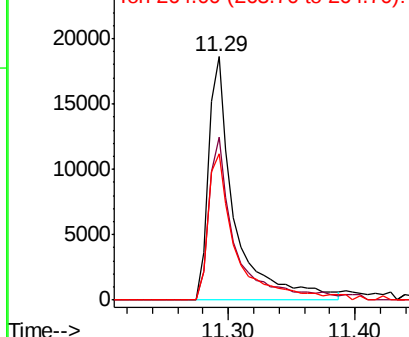


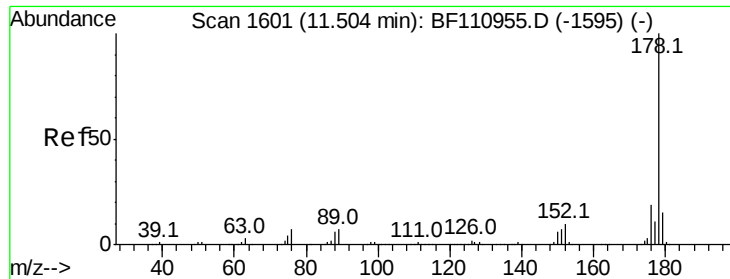
#70
 Pentachlorophenol
 Concen: 41.659 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	50.6	75.8
264	60.0	50.6	75.8



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





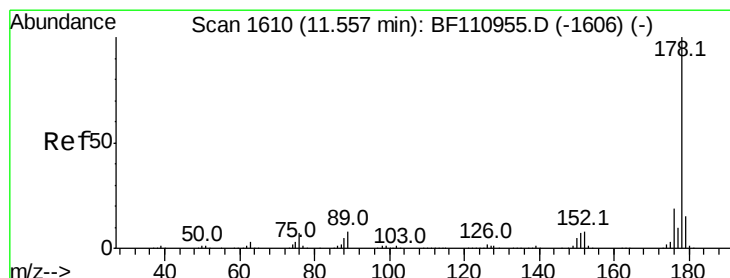
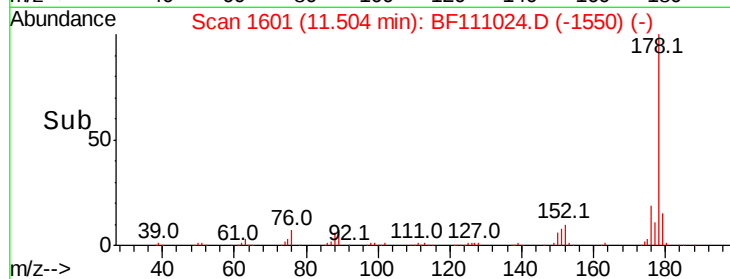
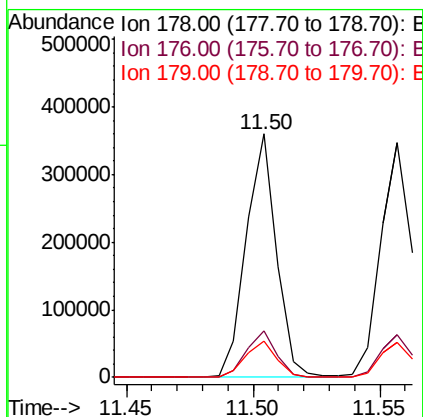
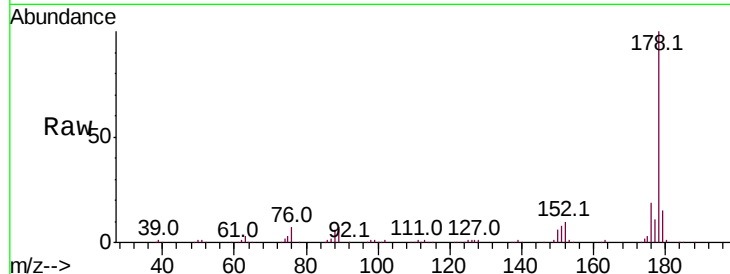
#71
Phenanthrene
Concen: 40.874 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.9	12.5	18.7

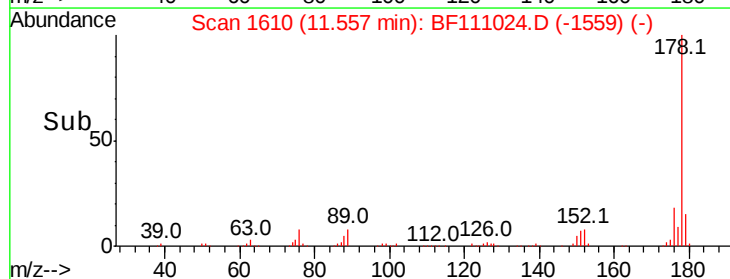
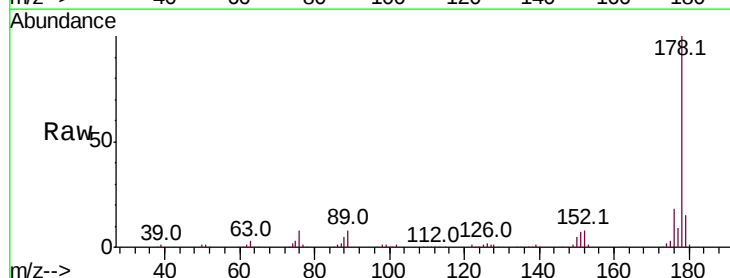
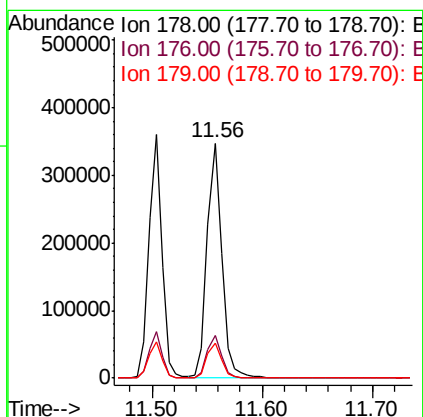
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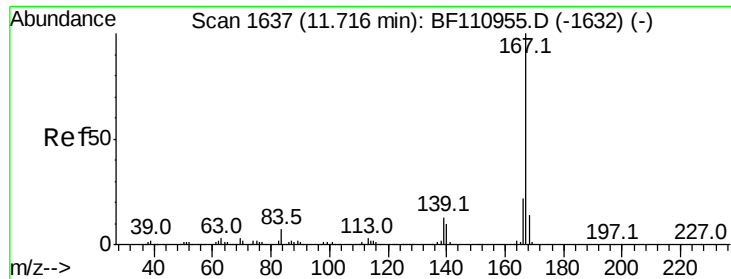
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#72
Anthracene
Concen: 41.750 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.0	12.6	18.8





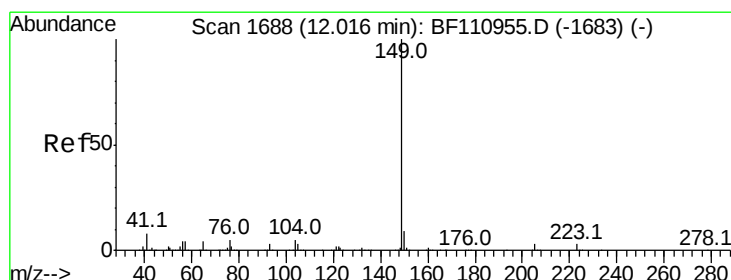
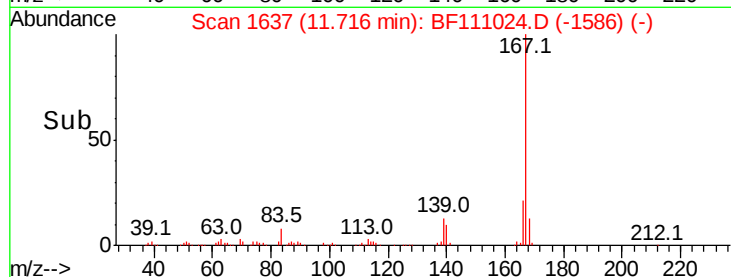
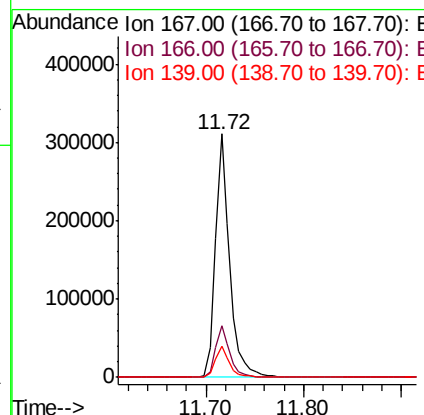
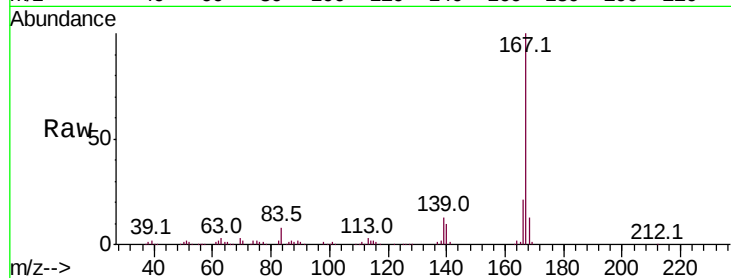
#73
 Carbazole
 Concen: 42.696 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.8	10.9	16.3

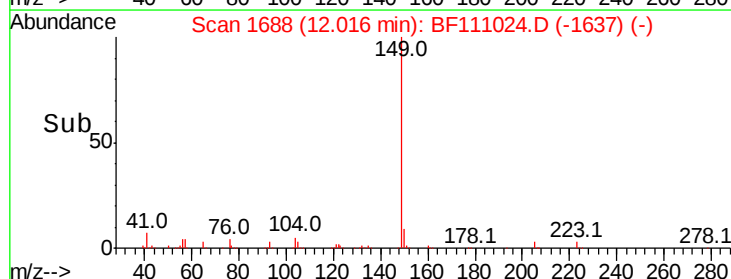
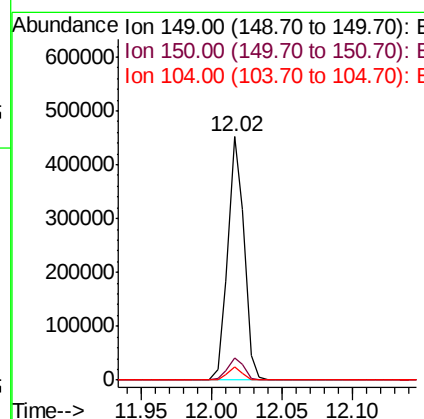
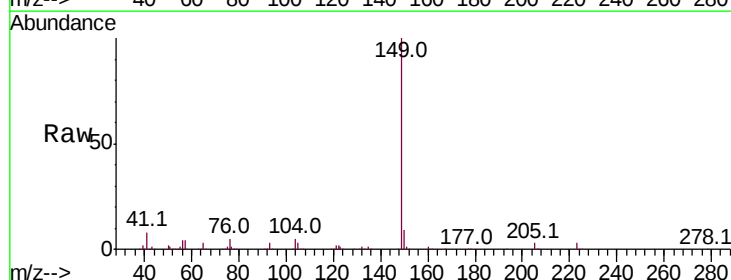
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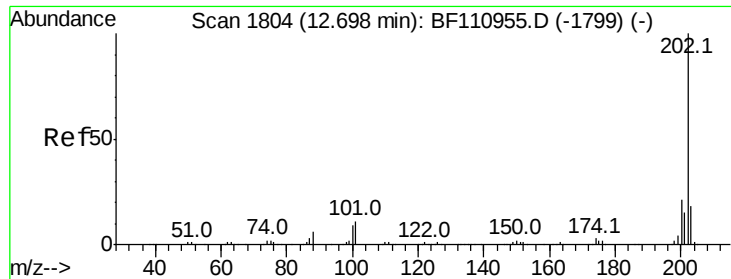
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.596 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF111024.D
 Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 43.363 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

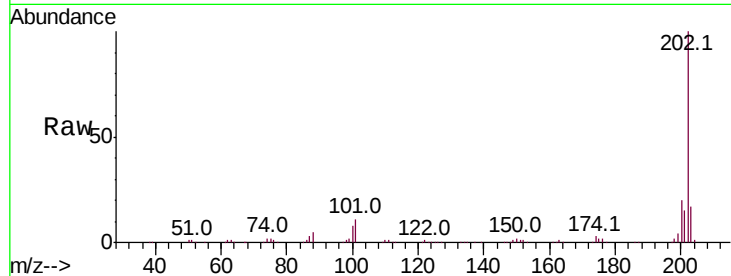
ClientSampleId :

SSTDCCC040

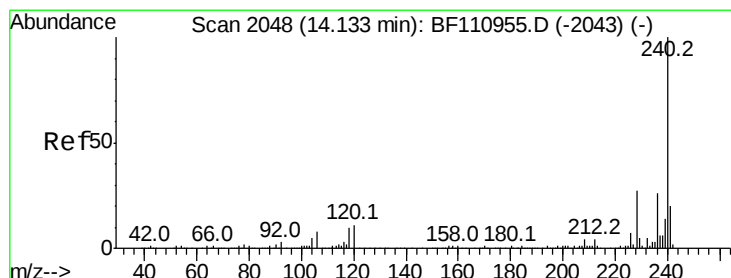
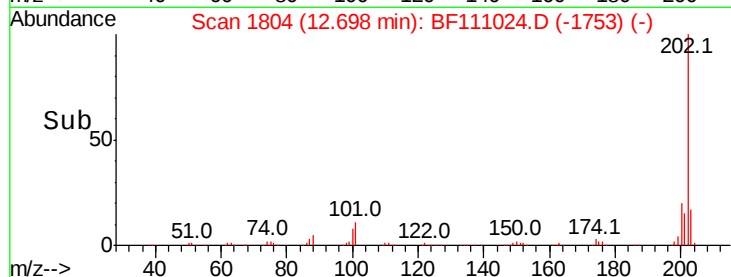
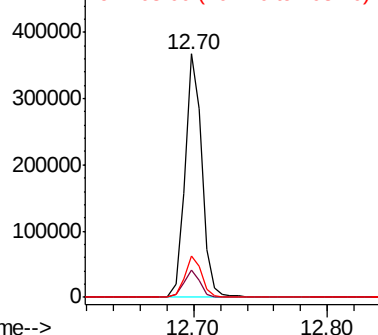
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.0	0.0	31.4	
203	16.9	0.0	37.7	

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

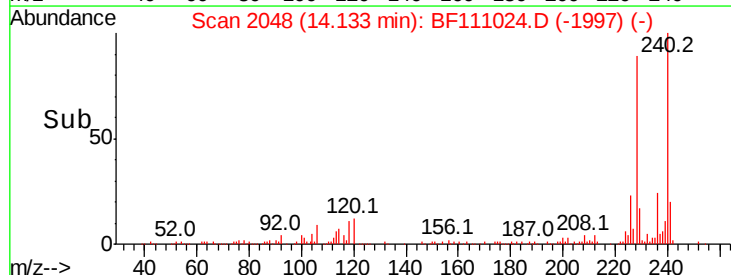
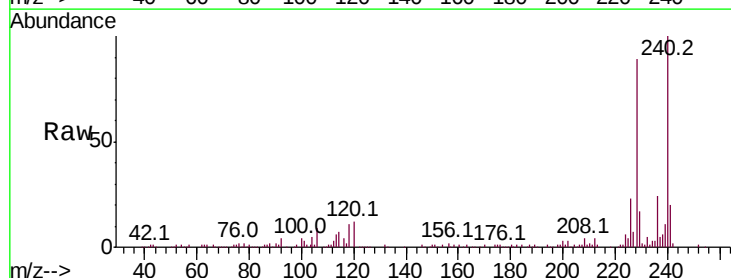
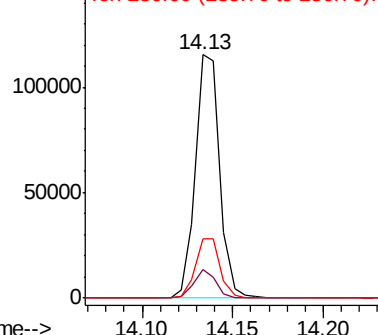
Delta R.T. 0.00 min

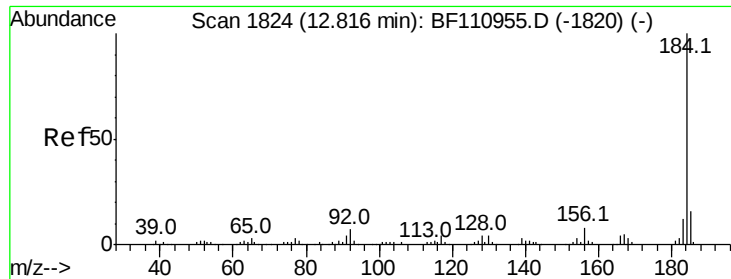
Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.7	8.3	12.5	
236	24.3	21.2	31.8	

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: 58.423 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

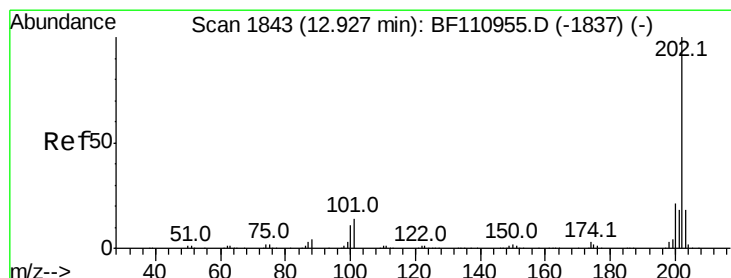
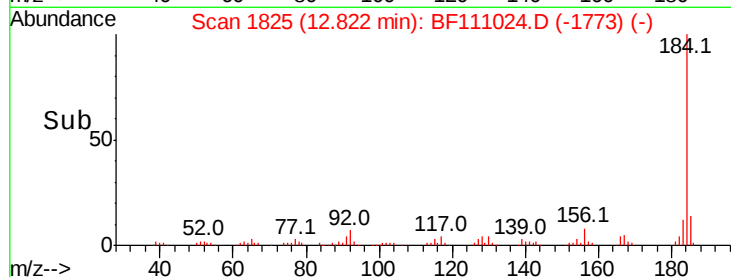
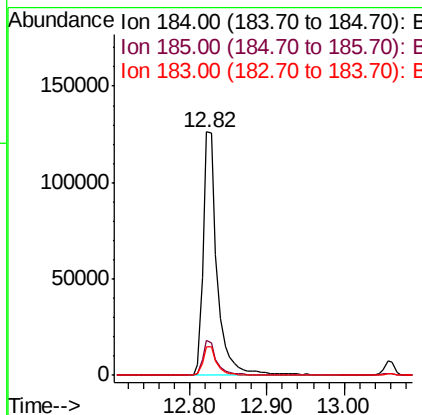
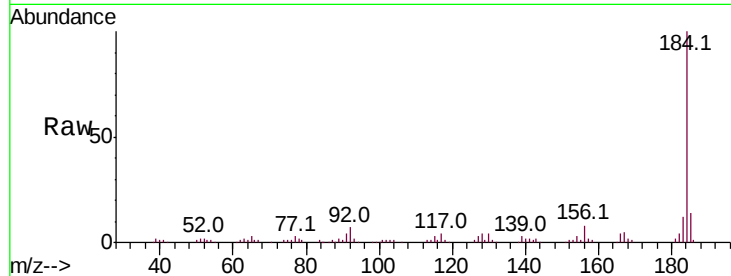
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.2
183	12.0	9.4	14.2

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#78

Pyrene

Concen: 43.370 ng

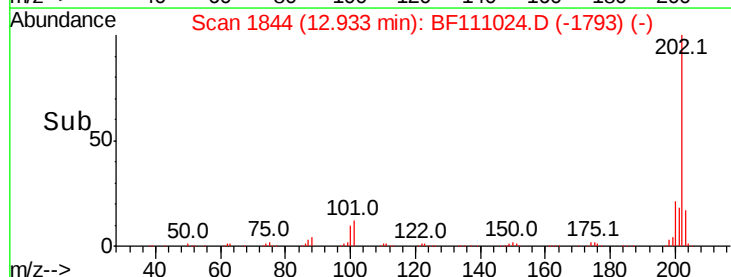
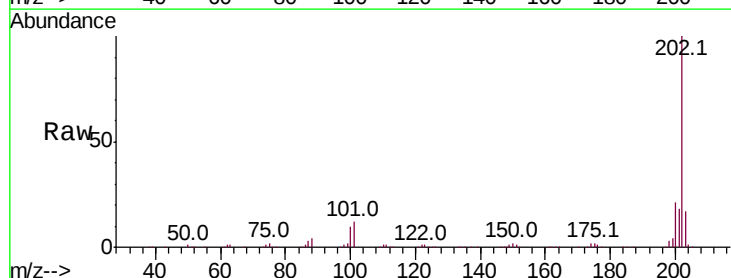
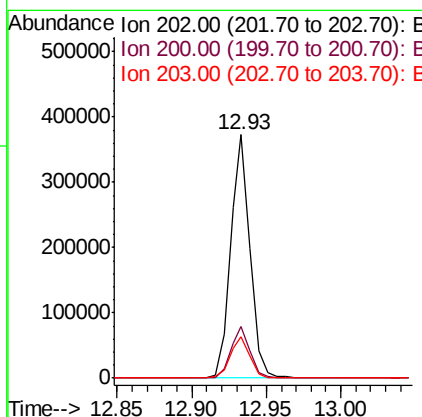
RT: 12.93 min Scan# 1844

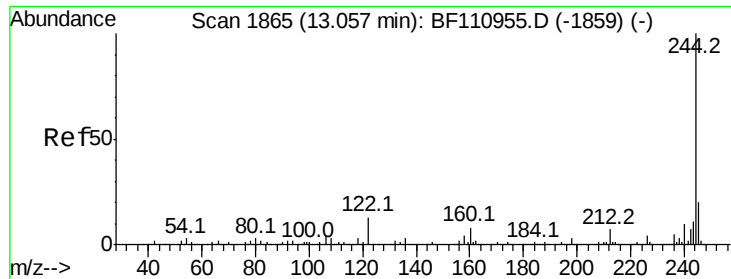
Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.0	14.2	21.4





#79

Terphenyl-d14

Concen: 87.616 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

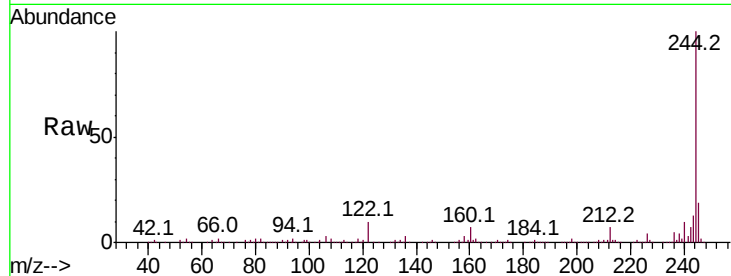
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.8	8.8	
122	9.9	8.7	13.1	

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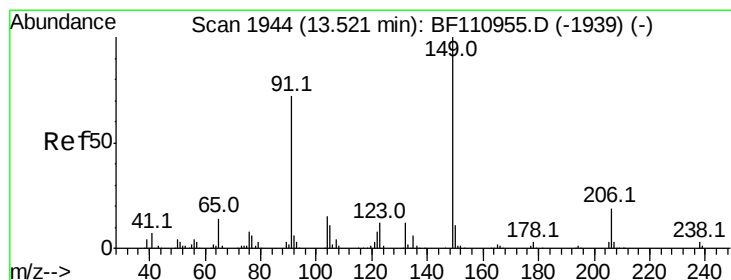
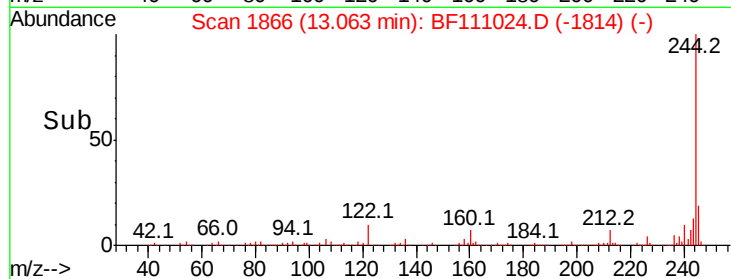
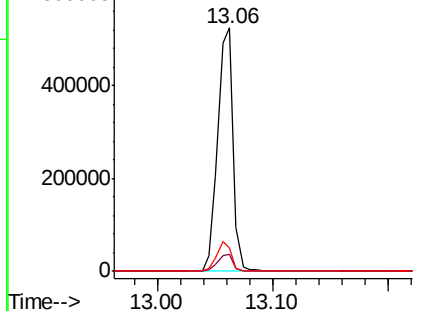
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.677 ng

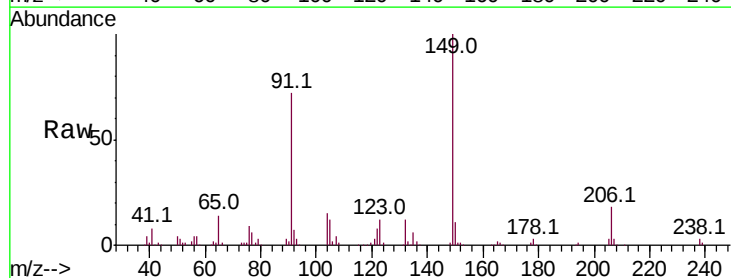
RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

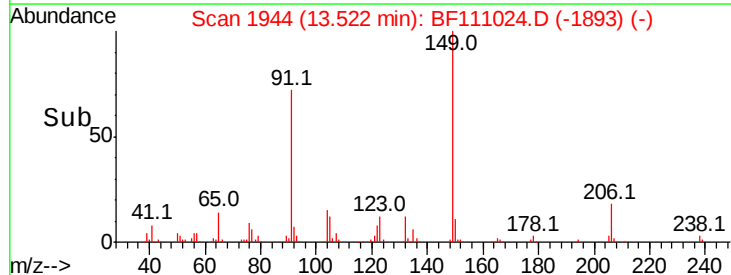
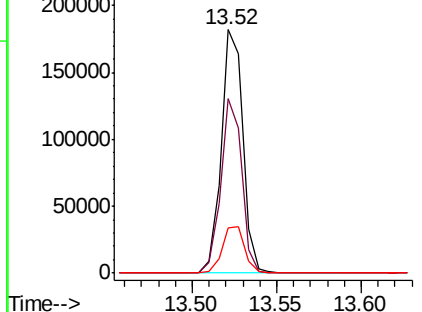
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.8	57.2	85.8	
206	18.4	15.7	23.5	

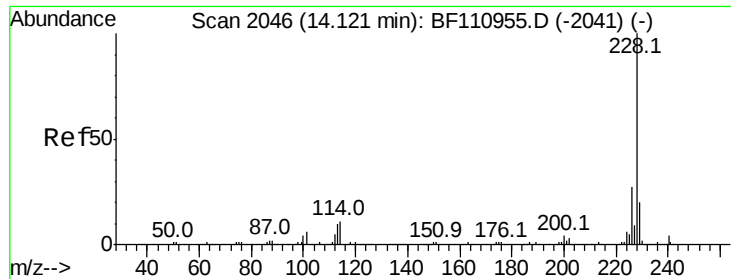


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





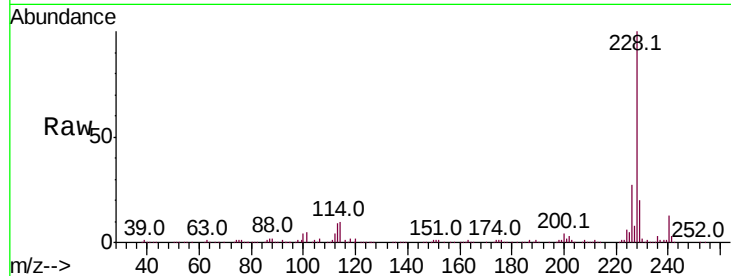
#81
Benzo(a)anthracene
Concen: 40.002 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	19.8	15.6	23.4

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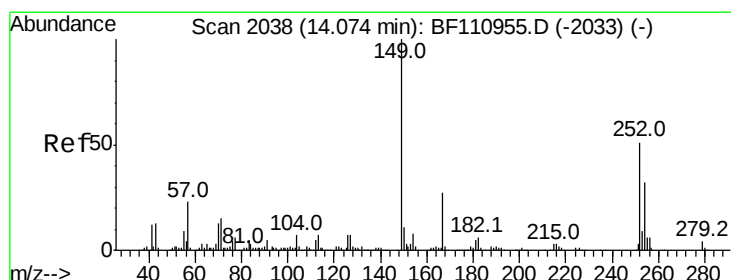
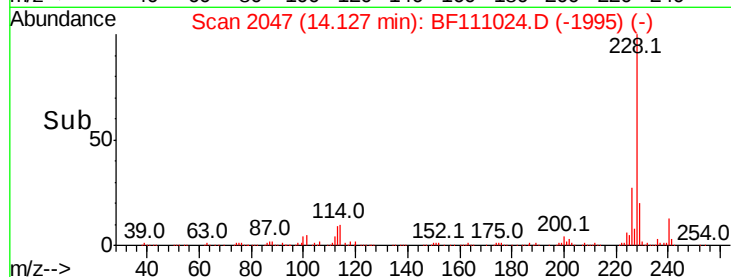
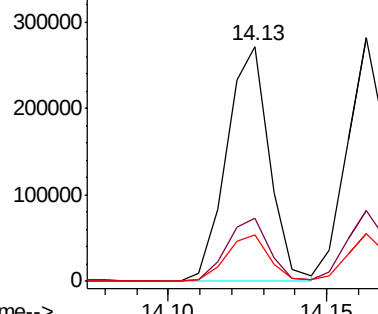


Abundance

Ion 228.00 (227.70 to 228.70): E

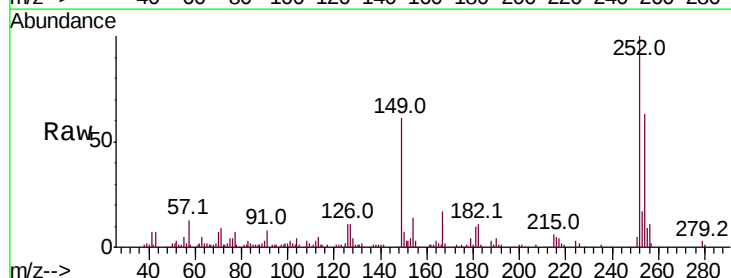
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 47.796 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	11.2	9.4	14.2

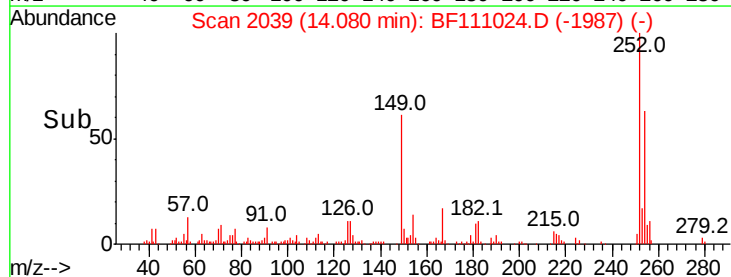
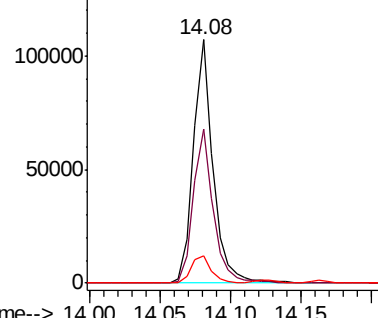


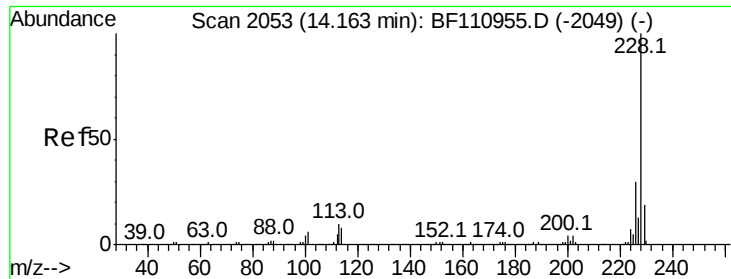
Abundance

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





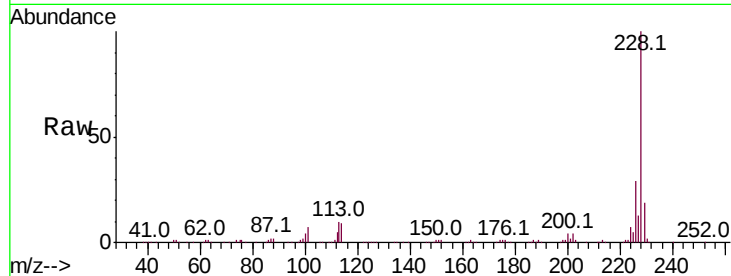
#83
Chrysene
Concen: 38.967 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

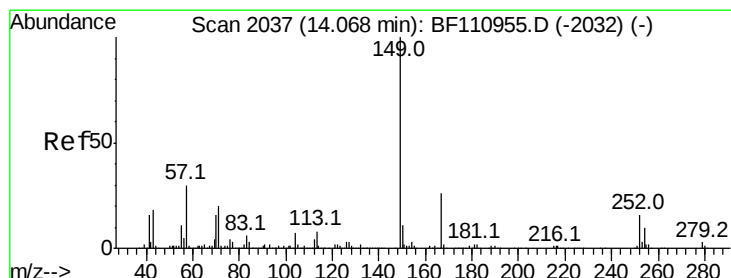
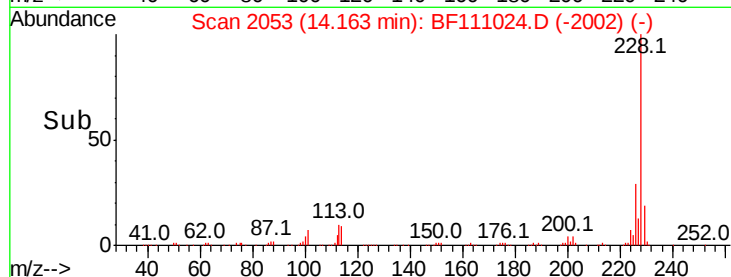
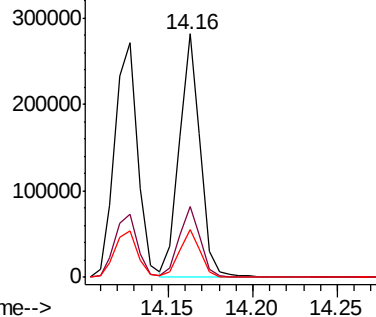
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	19.5	15.9	23.9

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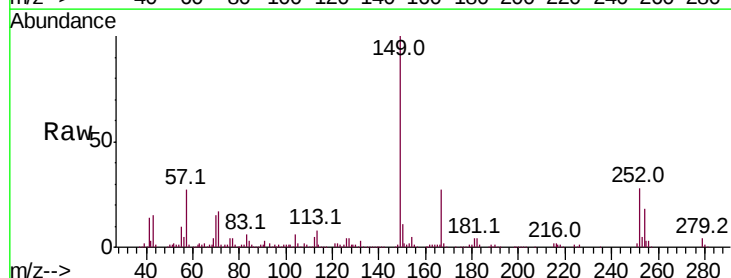


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

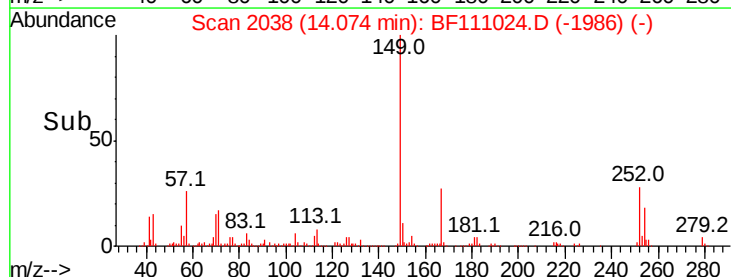
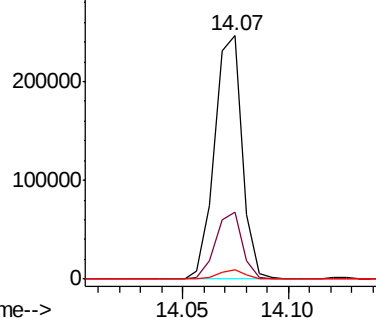


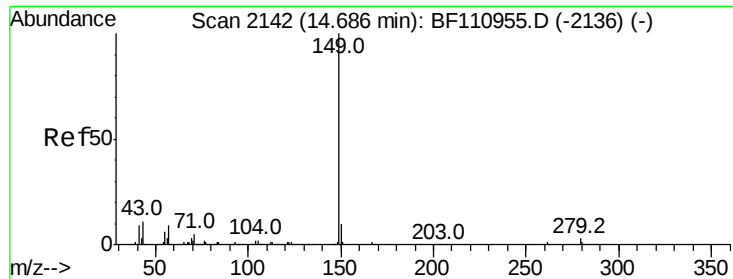
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.350 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	19.8	29.8
279	3.9	2.7	4.1



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





#85

Di-n-octyl phthalate

Concen: 46.444 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

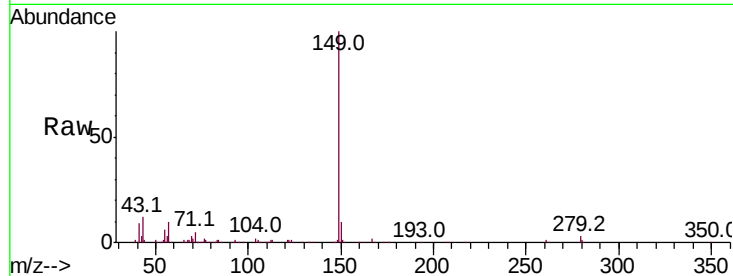
ClientSampleId :

SSTDCCC040

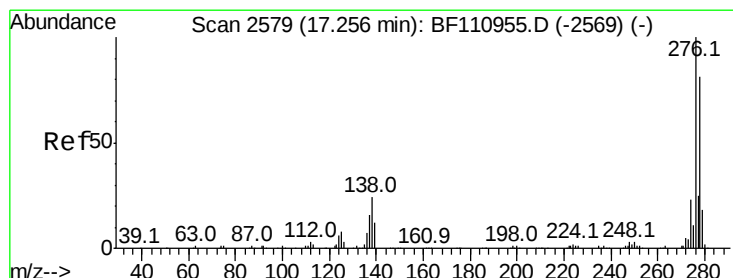
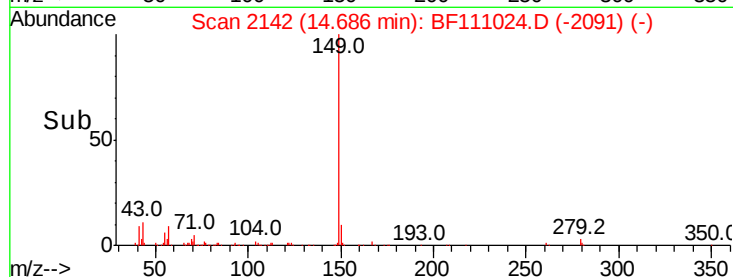
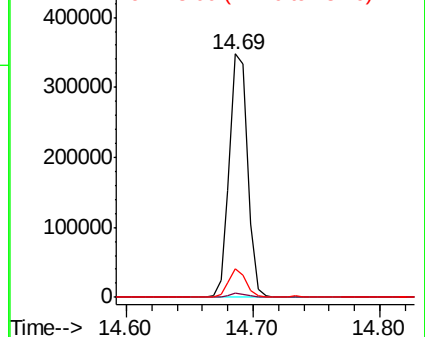
Tot Ion:	149	Resp:	346702
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.7	7.8	11.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.670 ng

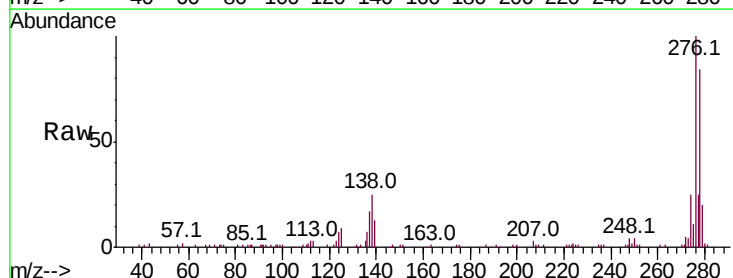
RT: 17.27 min Scan# 2581

Delta R.T. 0.02 min

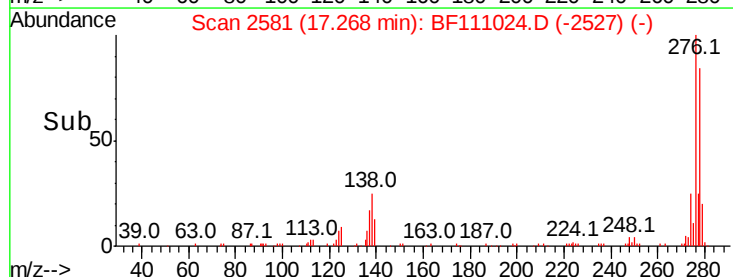
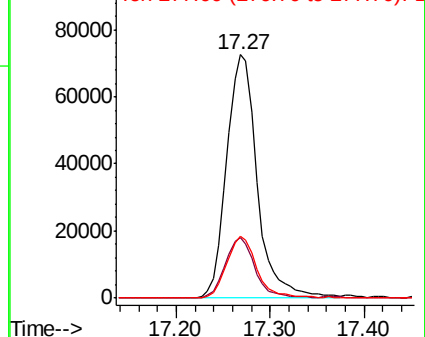
Lab File: BF111024.D

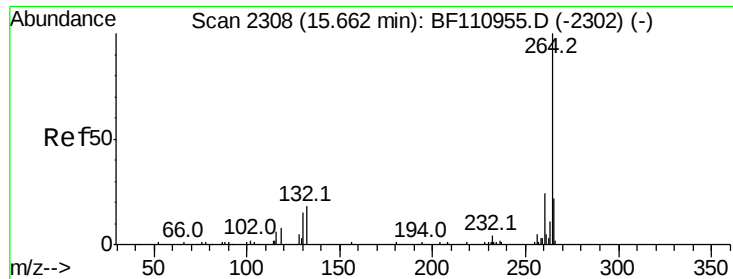
Acq: 27 Nov 2018 22:51

Tgt Ion:	276	Resp:	164649
Ion Ratio	Lower	Upper	
276	100		
138	24.0	18.5	27.7
277	24.8	20.0	30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Instrument :

BNA_F

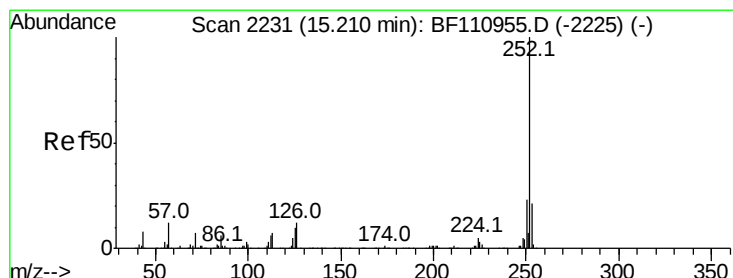
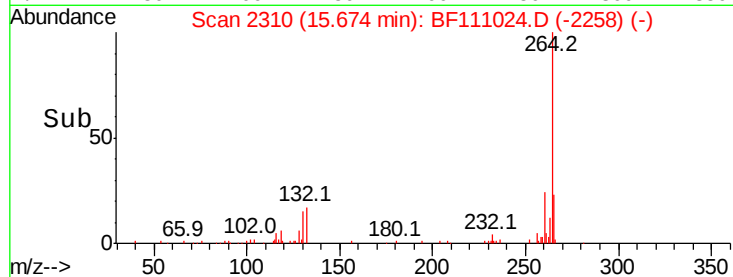
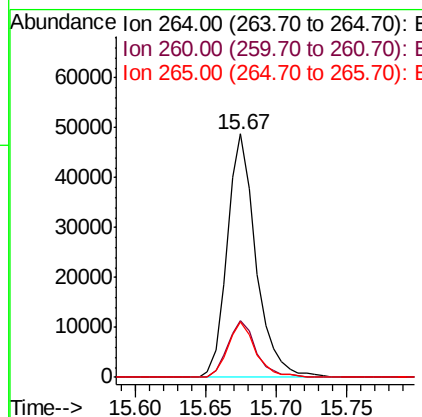
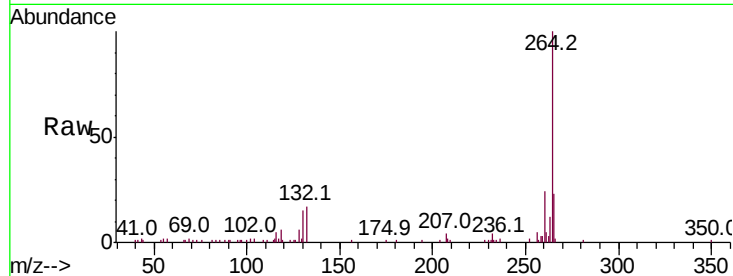
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	69117
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	22.5	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 41.062 ng

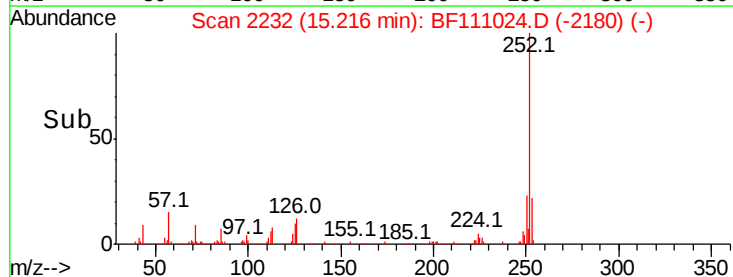
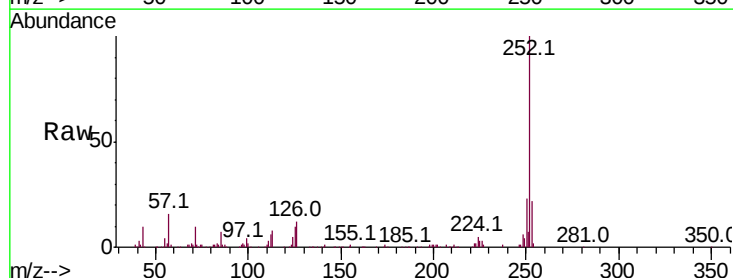
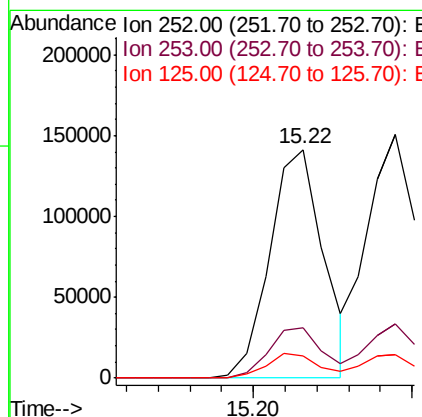
RT: 15.22 min Scan# 2232

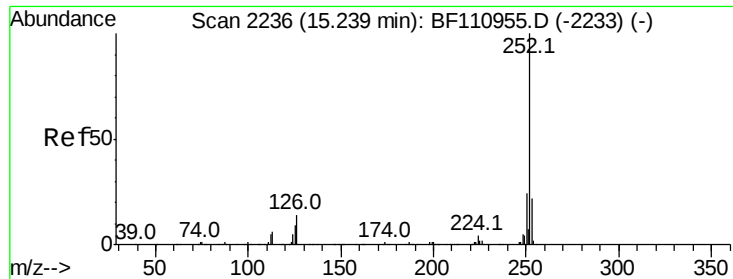
Delta R.T. 0.01 min

Lab File: BF111024.D

Acq: 27 Nov 2018 22:51

Tgt Ion:	252	Resp:	166726
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	9.8	8.2	12.4





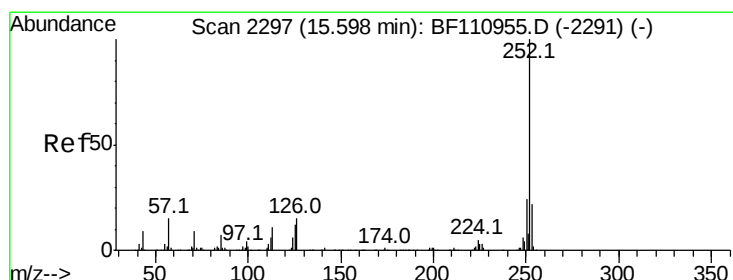
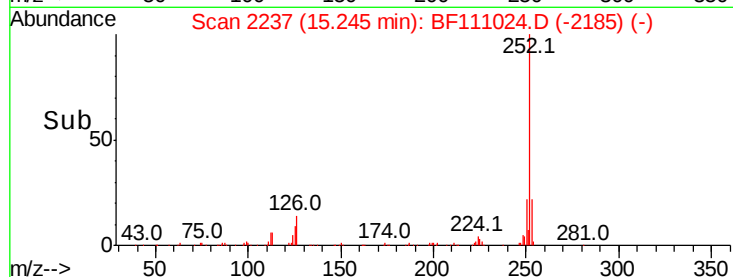
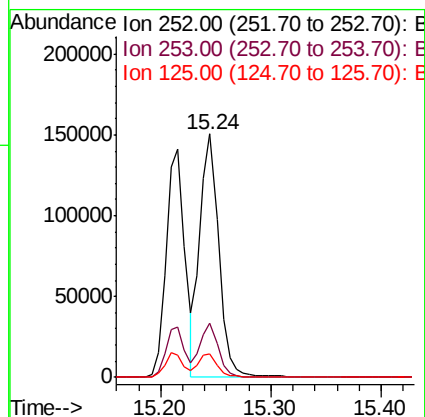
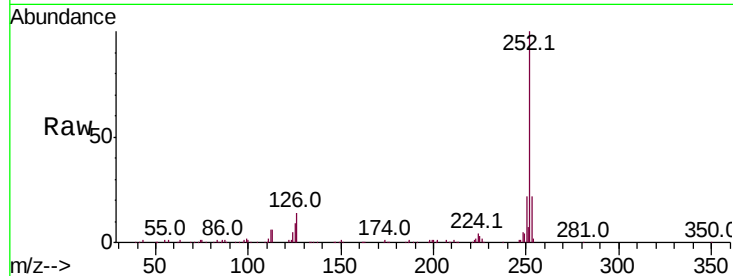
#89
Benzo(k)fluoranthene
Concen: 42.181 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.4	7.4	11.0

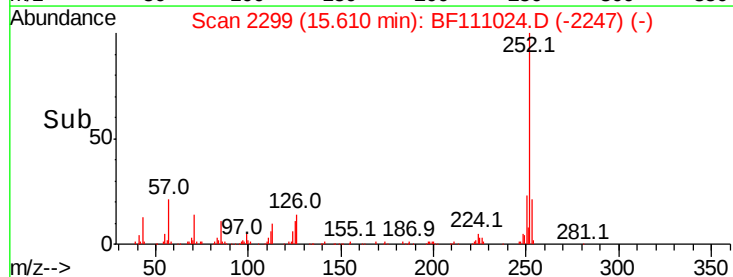
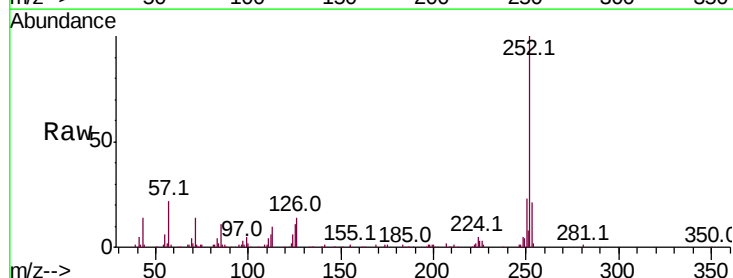
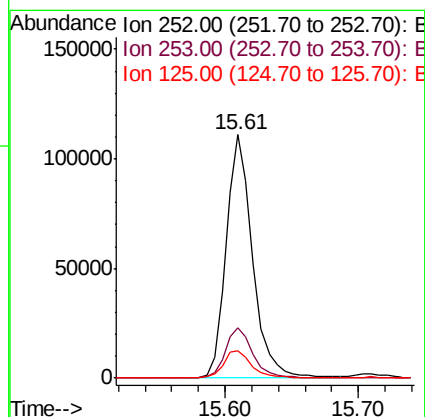
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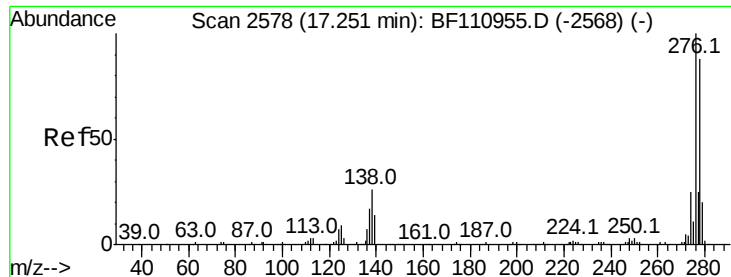
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#90
Benzo(a)pyrene
Concen: 40.919 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.4
125	11.4	9.0	13.6





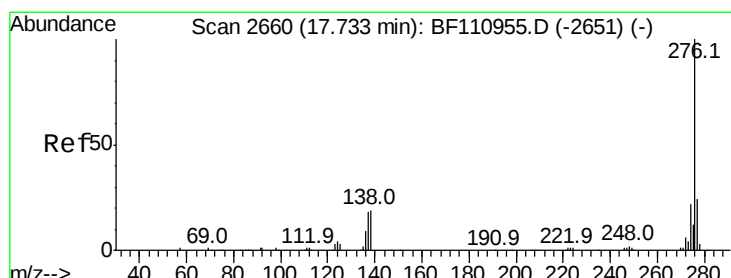
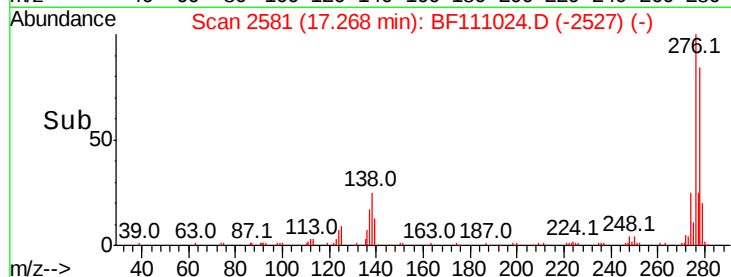
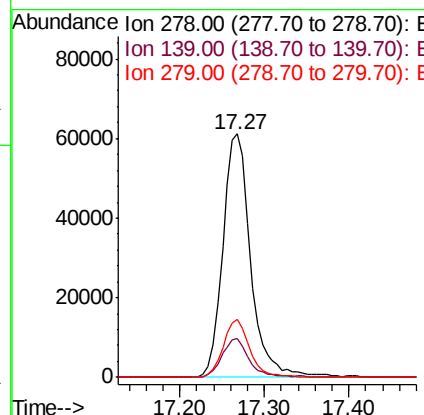
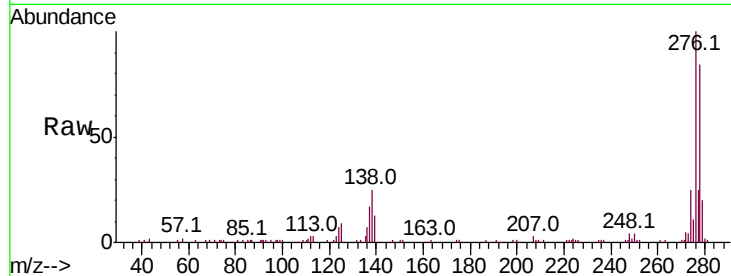
#91
Dibenzo(a,h)anthracene
Concen: 44.798 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/28/2018 4:56:55 PM



#92
Benzo(g,h,i)perylene
Concen: 43.591 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.02 min
Lab File: BF111024.D
Acq: 27 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	21.4	16.0	24.0

