

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111641.D
 Acq On : 20 Dec 2018 16:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 12/21/2018 2:46:41 PM

Quant Time: Dec 21 06:38:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	213421	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	784906	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	387682	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	726724	20.00	ng	0.00
76) Chrysene-d12	14.06	240	534614	20.00	ng	0.00
87) Perylene-d12	15.53	264	438207	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	989391	79.02	ng	0.00
7) Phenol-d6	6.53	99	1269901	79.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	1155616	85.70	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	394822	86.19	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2140171	80.46	ng	0.00
79) Terphenyl-d14	13.00	244	2315944	82.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	222676	37.800	ng	96
3) Pyridine	3.47	79	588771	38.363	ng	97
4) n-Nitrosodimethylamine	3.41	42	293134	39.027	ng	83
6) Aniline	6.56	93	802882	39.528	ng	98
8) 2-Chlorophenol	6.69	128	558451	40.264	ng	98
9) Benzaldehyde	6.45	77	438472	40.010	ng	93
10) Phenol	6.54	94	708705	39.418	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	530445	39.372	ng	97
12) 1,3-Dichlorobenzene	6.84	146	651632	40.540	ng	97
13) 1,4-Dichlorobenzene	6.92	146	658223	40.378	ng	97
14) 1,2-Dichlorobenzene	7.07	146	613715	40.352	ng	96
15) Benzyl Alcohol	7.03	79	512947	40.532	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	930392	37.496	ng	100
17) 2-Methylphenol	7.15	107	441886	39.788	ng	97
18) Hexachloroethane	7.42	117	226235	41.184	ng	# 87
19) n-Nitroso-di-n-propylamine	7.31	70	413276	39.053	ng	96
20) 3+4-Methylphenols	7.30	107	558664	39.810	ng	# 85
22) Acetophenone	7.30	105	775236	38.987	ng	# 96
24) Nitrobenzene	7.48	77	601448	42.556	ng	98
25) Isophorone	7.72	82	930157	38.855	ng	99
26) 2-Nitrophenol	7.79	139	288482	50.329	ng	94
27) 2,4-Dimethylphenol	7.83	122	436773	38.655	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	621760	39.031	ng	99
29) 2,4-Dichlorophenol	8.03	162	492978	40.563	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	538898	39.791	ng	98
31) Naphthalene	8.20	128	1494702	39.633	ng	97
32) Benzoic acid	7.94	122	339945m	45.503	ng	
33) 4-Chloroaniline	8.25	127	647387	39.715	ng	99
34) Hexachlorobutadiene	8.33	225	330676	40.062	ng	99
35) Caprolactam	8.62	113	163194m	39.628	ng	
36) 4-Chloro-3-methylphenol	8.73	107	479404	40.129	ng	96
37) 2-Methylnaphthalene	8.89	142	971852	39.608	ng	98
38) 1-Methylnaphthalene	8.99	142	943844	40.052	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	514763	40.408	ng	# 97

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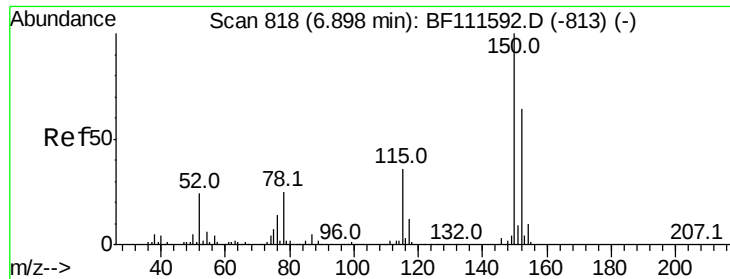
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	282614	45.717	nq	100
43) 2,4,6-Trichlorophenol	9.17	196	358479	42.147	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	371461	42.571	nq	# 91
46) 1,1'-Biphenyl	9.36	154	1327596	40.567	nq	96
47) 2-Chloronaphthalene	9.38	162	1047350	40.393	nq	95
48) 2-Nitroaniline	9.47	65	319800	47.410	nq	99
49) Acenaphthylene	9.80	152	1537812	40.621	nq	96
50) Dimethylphthalate	9.66	163	1133343	39.977	nq	98
51) 2,6-Dinitrotoluene	9.71	165	260599	46.099	nq	# 88
52) Acenaphthene	9.97	154	960584	41.140	nq	98
53) 3-Nitroaniline	9.88	138	285153	47.298	nq	98
54) 2,4-Dinitrophenol	9.98	184	94874	54.826	nq	# 51
55) Dibenzofuran	10.14	168	1436919	40.734	nq	96
56) 4-Nitrophenol	10.03	139	217099	47.186	nq	92
57) 2,4-Dinitrotoluene	10.12	165	336352	49.506	nq	94
58) Fluorene	10.49	166	1018817	40.081	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	308815	42.055	nq	89
60) Diethylphthalate	10.36	149	1107427	39.822	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	560783	39.931	nq	95
62) 4-Nitroaniline	10.49	138	268873	45.886	nq	91
63) Azobenzene	10.63	77	1098768	39.356	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	157834	51.916	nq	84
66) n-Nitrosodiphenylamine	10.59	169	987228	40.469	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	363497	40.327	nq	95
68) Hexachlorobenzene	11.03	284	405950	40.393	nq	96
69) Atrazine	11.12	200	345690	40.790	nq	97
70) Pentachlorophenol	11.22	266	266712	42.927	nq	96
71) Phenanthrene	11.44	178	1551259	40.250	nq	95
72) Anthracene	11.50	178	1551286	40.100	nq	96
73) Carbazole	11.64	167	1503637	40.035	nq	96
74) Di-n-butylphthalate	11.98	149	1676825	39.820	nq	96
75) Fluoranthene	12.63	202	1560143	39.975	nq	97
77) Benzidine	12.74	184	765558	38.055	nq	99
78) Pyrene	12.86	202	1597230	42.307	nq	97
80) Butylbenzylphthalate	13.47	149	649063	42.177	nq	89
81) Benzo(a)anthracene	14.04	228	1231530	40.364	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	502986	41.725	nq	# 96
83) Chrysene	14.08	228	1197740	39.942	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	790243	40.767	nq	98
85) Di-n-octyl phthalate	14.65	149	1151002	38.324	nq	95
86) Indeno(1,2,3-cd)pyrene	17.02	276	1026642	40.273	nq	# 88
88) Benzo(b)fluoranthene	15.10	252	988584	38.601	nq	# 96
89) Benzo(k)fluoranthene	15.13	252	995415	40.826	nq	# 97
90) Benzo(a)pyrene	15.47	252	940721	40.431	nq	# 94
91) Dibenzo(a,h)anthracene	17.03	278	866948	42.550	nq	# 91
92) Benzo(g,h,i)perylene	17.47	276	853591	42.904	nq	# 86

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



#1

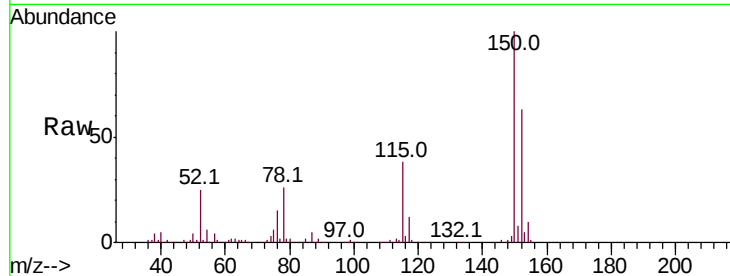
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.6	189.8
115	60.1	50.7	76.1

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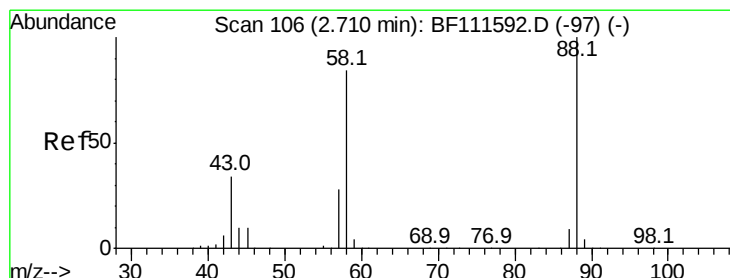
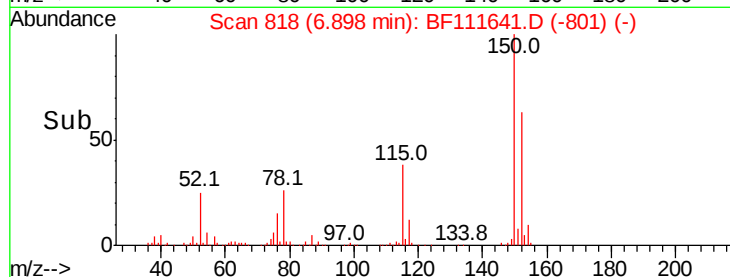
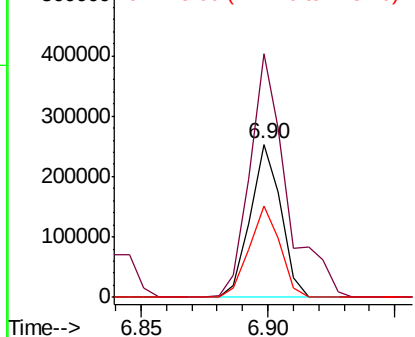


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

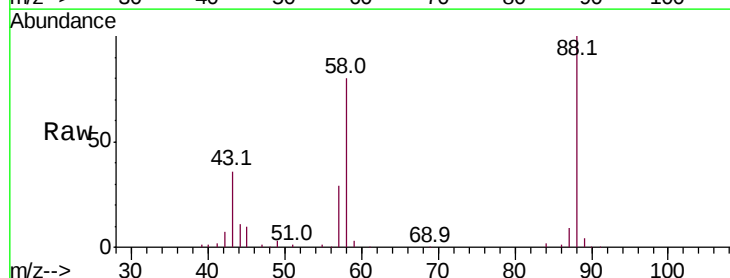
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.800 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	68.9	103.3
43	35.5	25.8	38.6

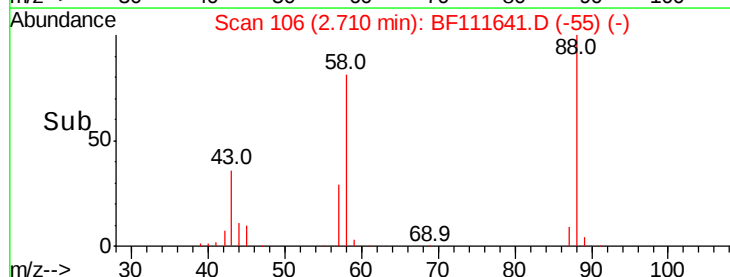
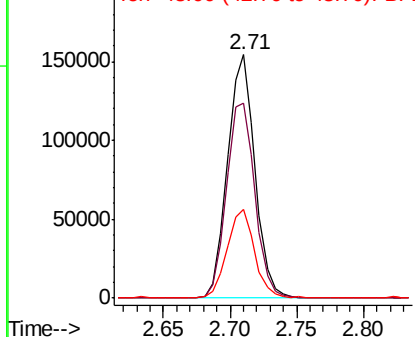


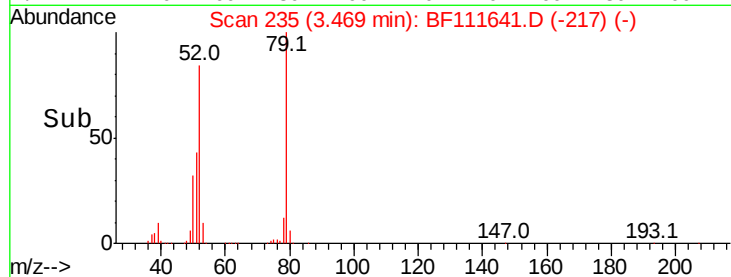
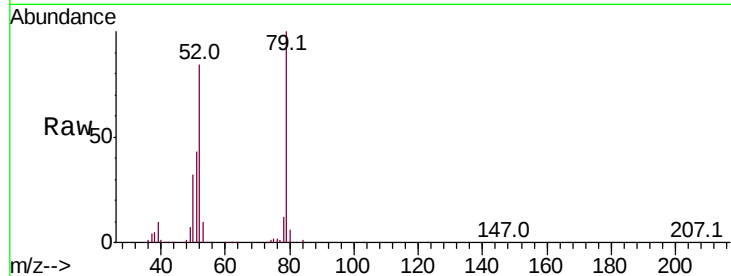
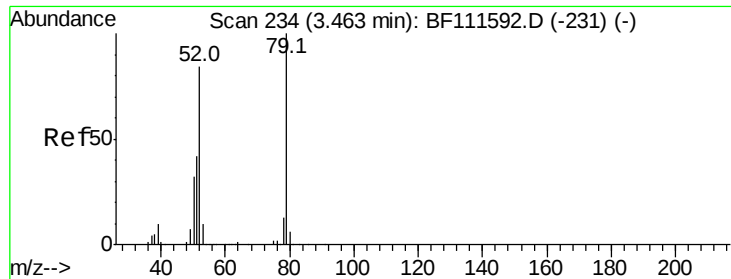
Abundance

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





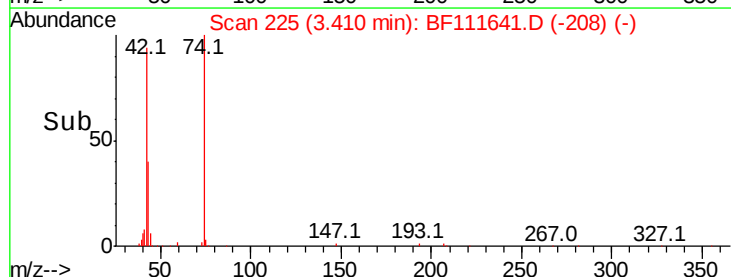
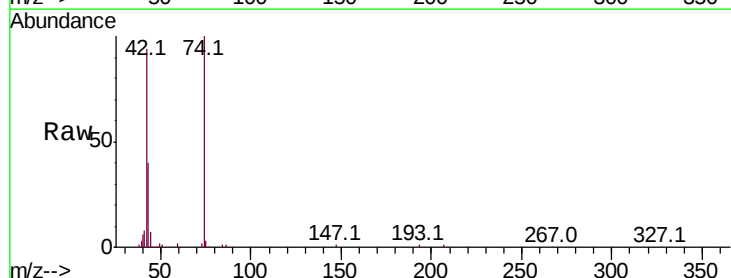
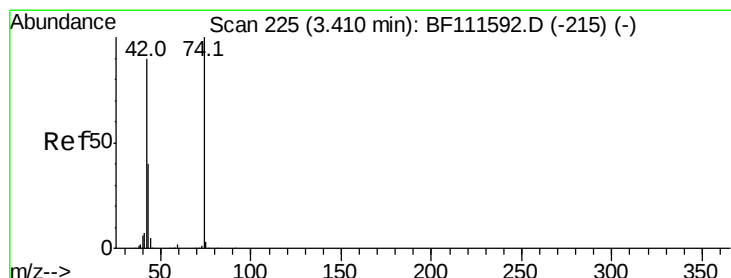
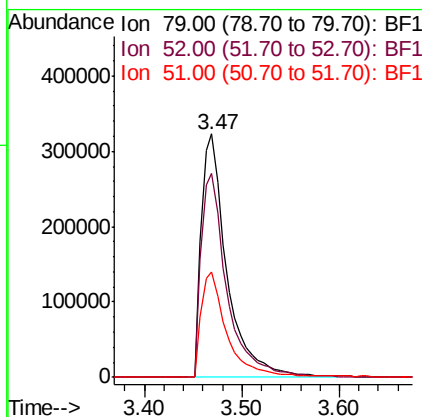
#3
Pvridine
Concen: 38.363 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tot Ion: 79 Resp: 588771
Ion Ratio Lower Upper
79 100
52 83.7 68.3 102.5
51 43.5 32.6 49.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

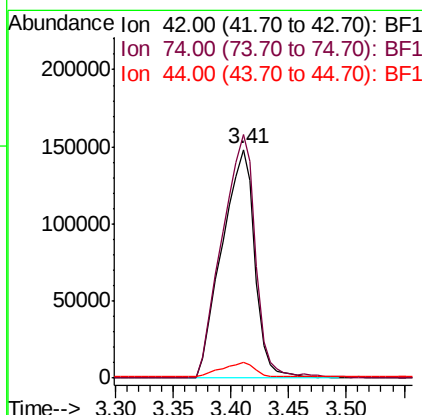
Manual Integrations
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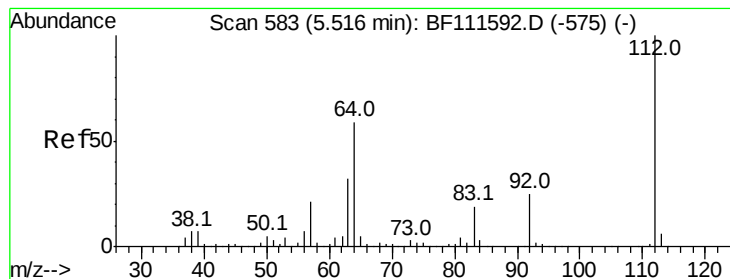
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#4
n-Nitrosodimethylamine
Concen: 39.027 ng
RT: 3.41 min Scan# 225
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion: 42 Resp: 293134
Ion Ratio Lower Upper
42 100
74 106.4 101.5 152.3
44 7.2 6.0 9.0





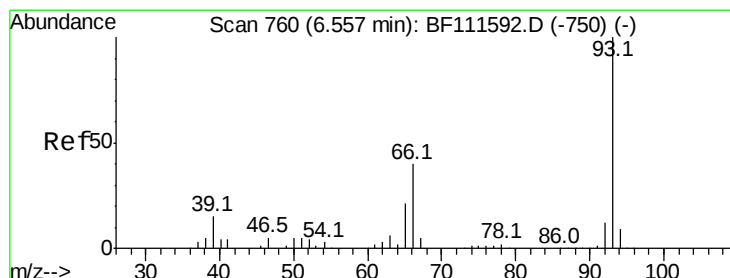
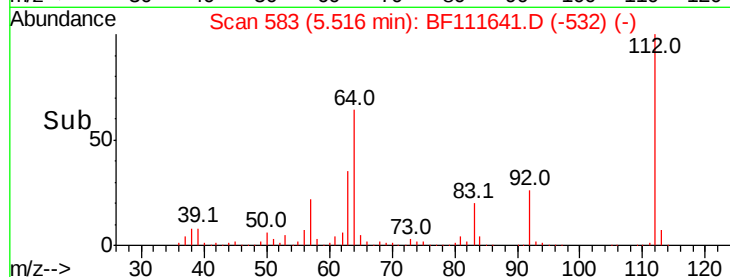
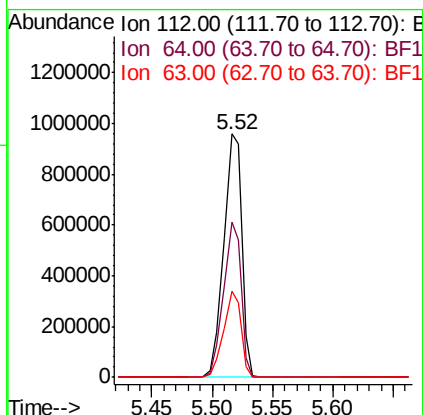
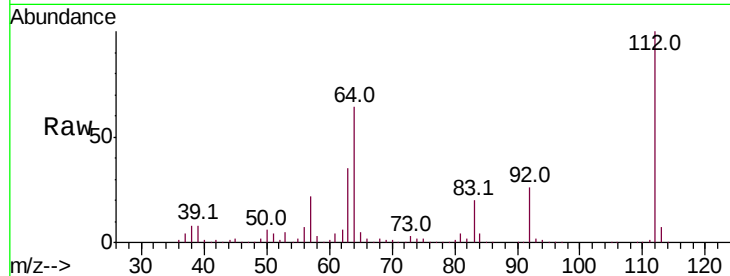
#5
2-Fluorophenol
Concen: 79.020 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	989391		
64	63.6	51.8	77.6	
63	35.3	26.8	40.2	

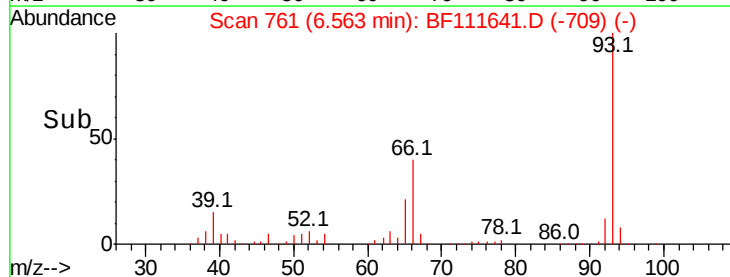
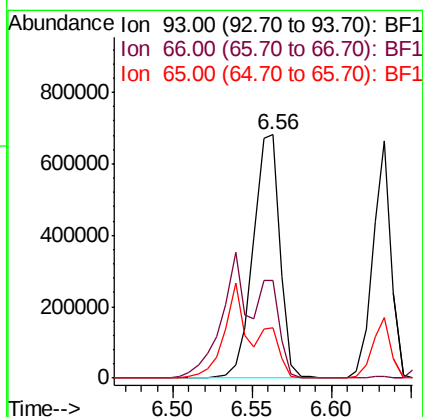
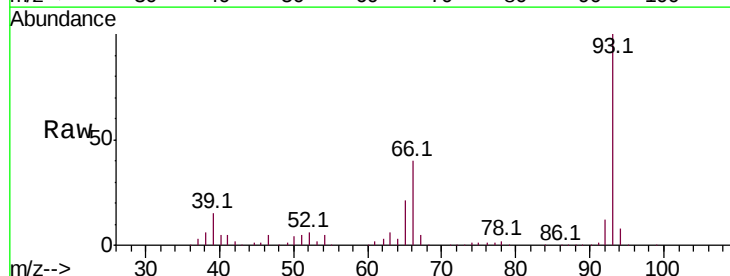
Manual Integrations
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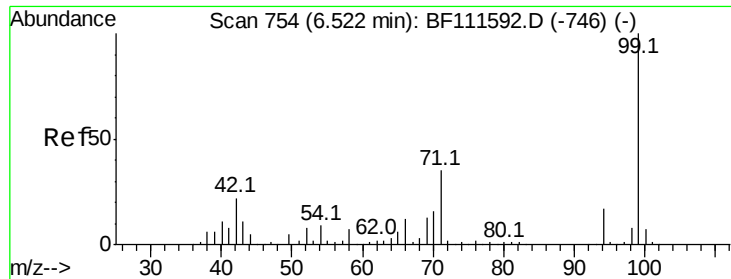
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#6
Aniline
Concen: 39.528 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	802882		
66	40.2	33.2	49.8	
65	20.6	17.0	25.4	





#7

Phenol-d6

Concen: 79.695 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1269901

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

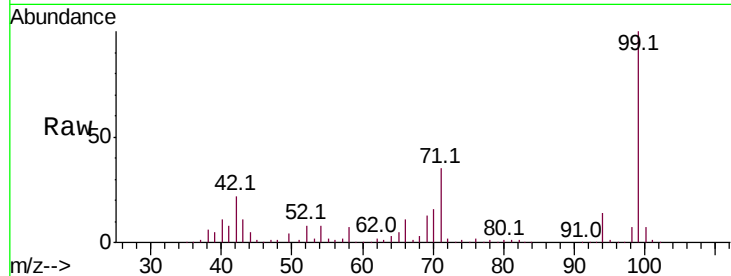
71 35.4 26.1 39.1

Manual Integrations

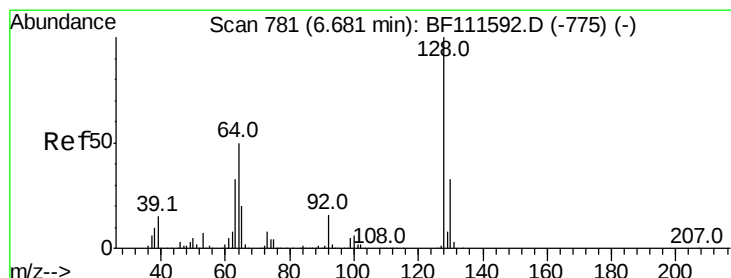
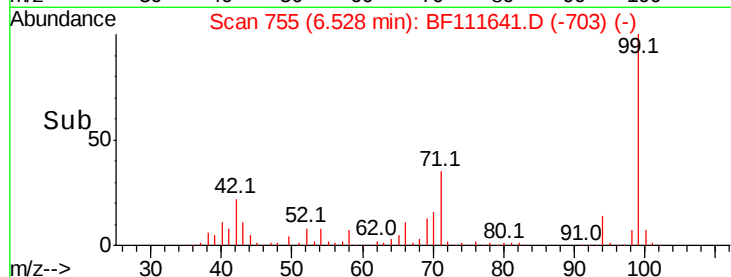
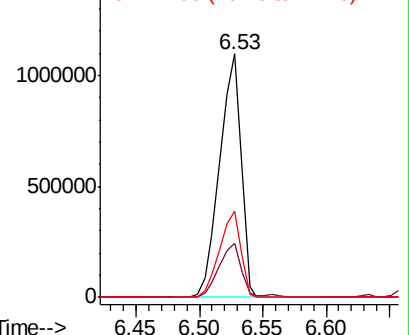
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.264 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

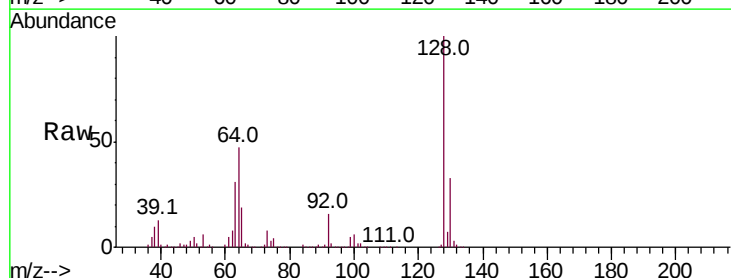
Tgt Ion:128 Resp: 558451

Ion Ratio Lower Upper

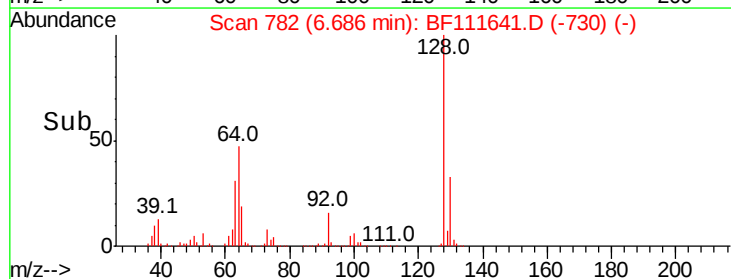
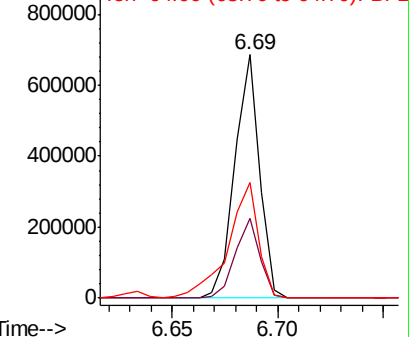
128 100

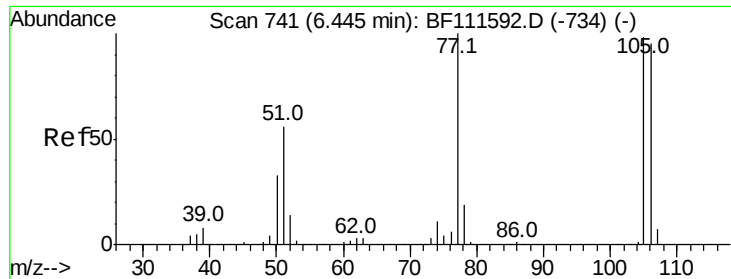
130 32.5 12.7 52.7

64 47.3 30.0 70.0



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





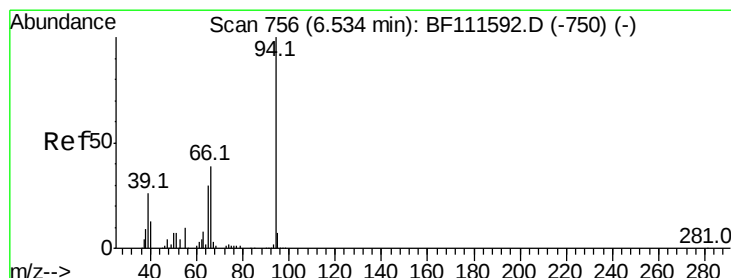
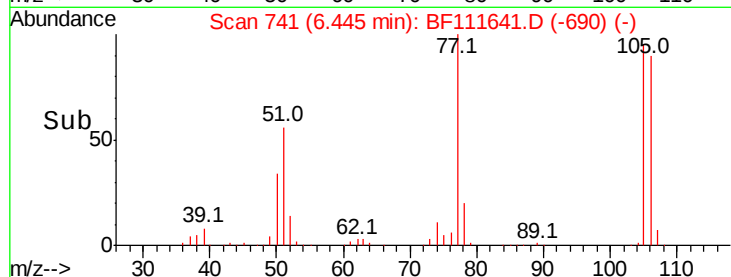
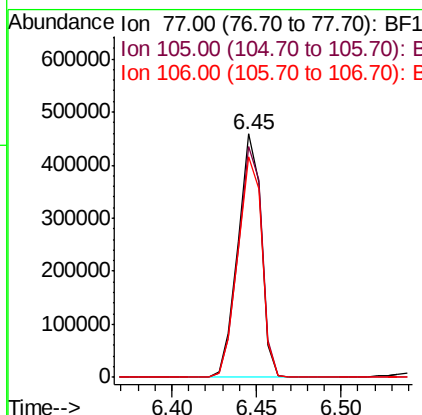
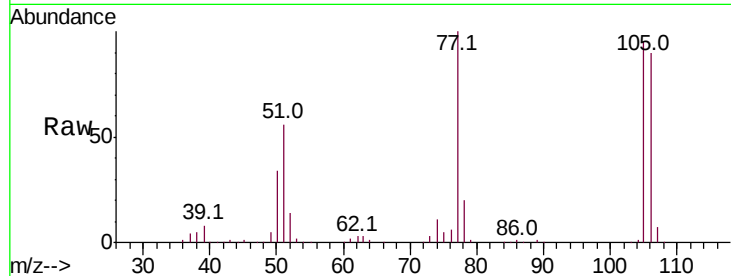
#9
Benzaldehyde
Concen: 40.010 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	81.4	121.4
106	90.4	77.9	117.9

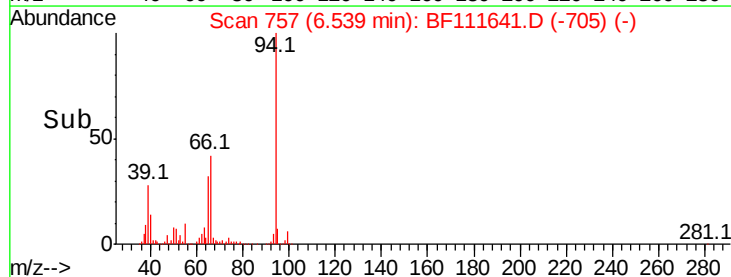
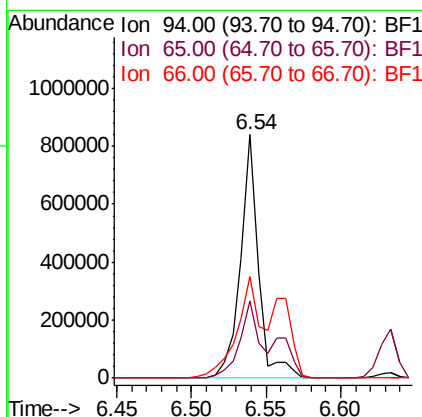
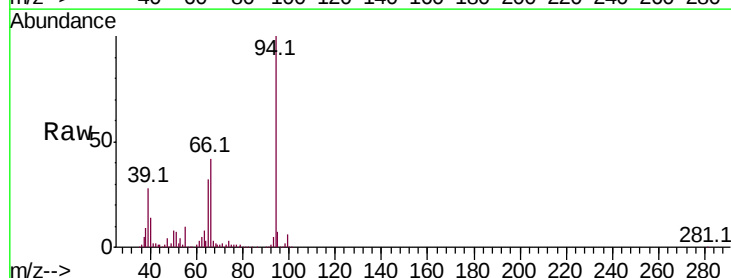
Manual Integrations
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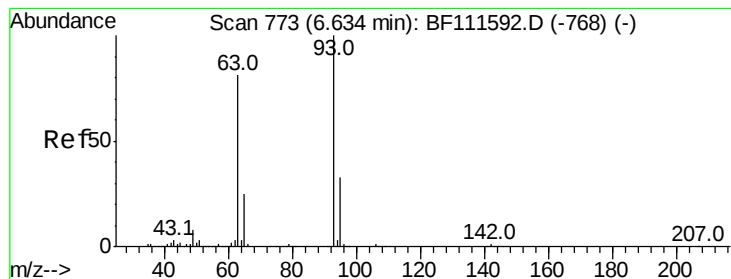
Sohil
12/21/2018 2:46:41 PM



#10
Phenol
Concen: 39.418 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.7	51.7
66	41.9	21.0	61.0





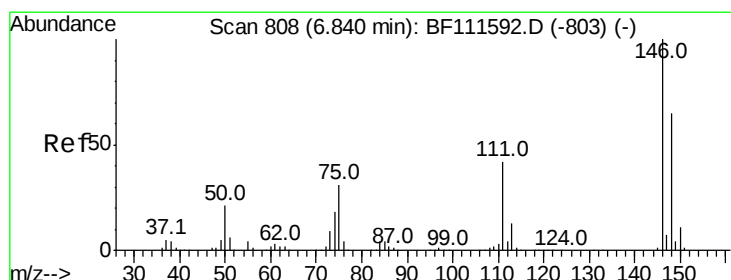
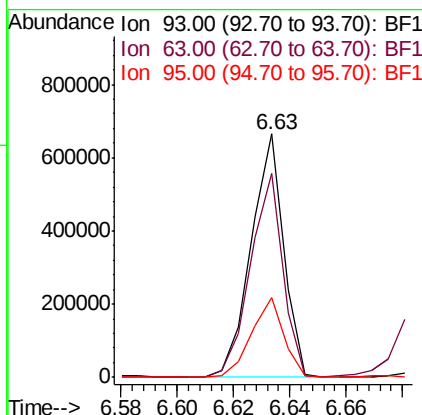
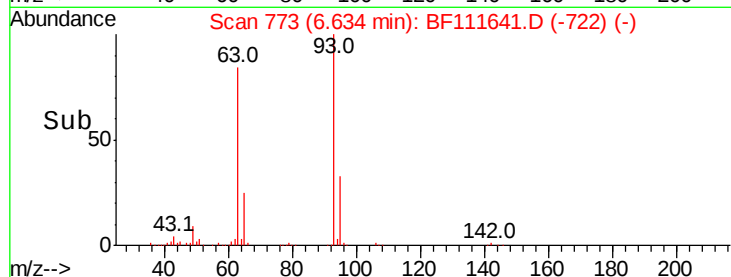
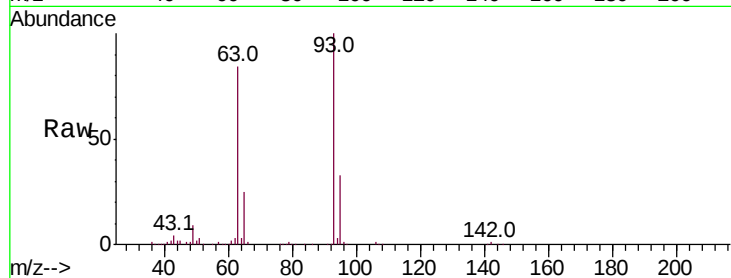
#11
bis(2-Chloroethyl)ether
Concen: 39.372 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	60.0	100.0
95	32.8	13.4	53.4

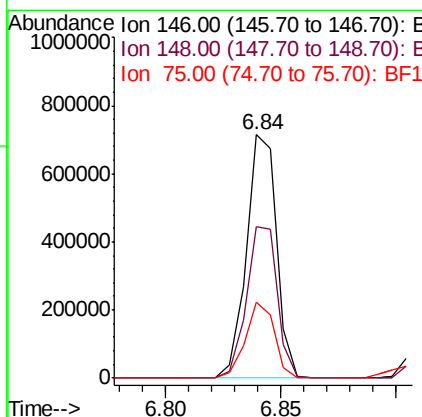
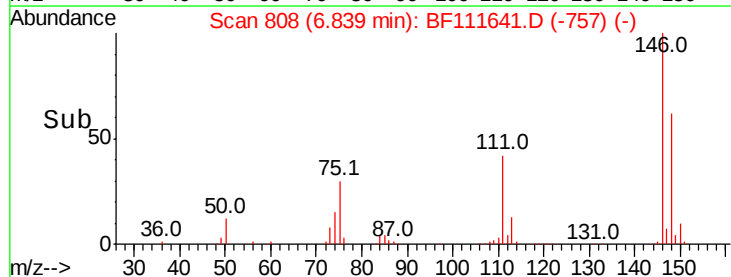
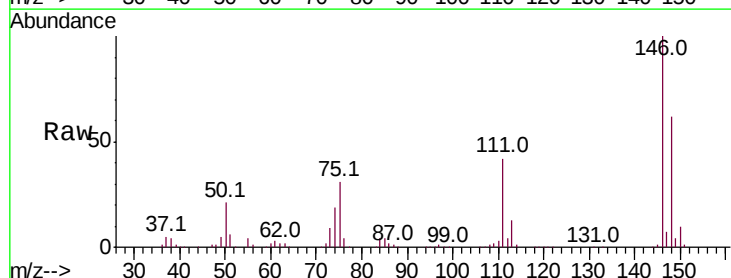
Manual Integrations
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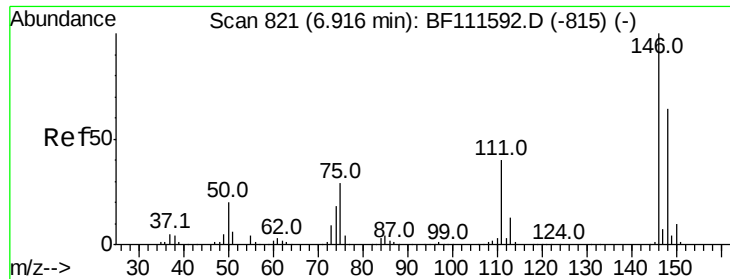
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.540 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.1	78.1
75	31.4	23.9	35.9





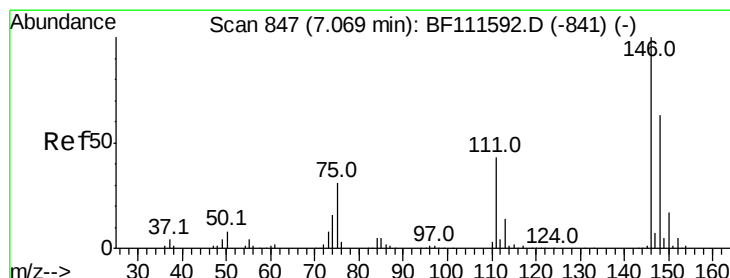
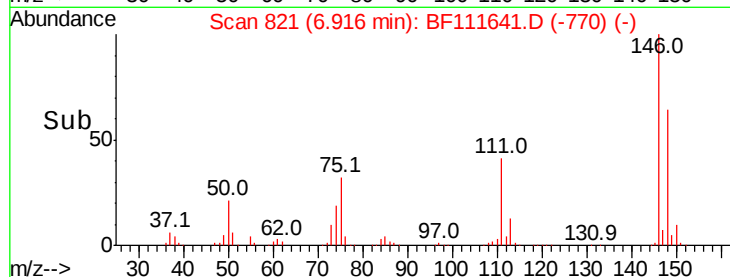
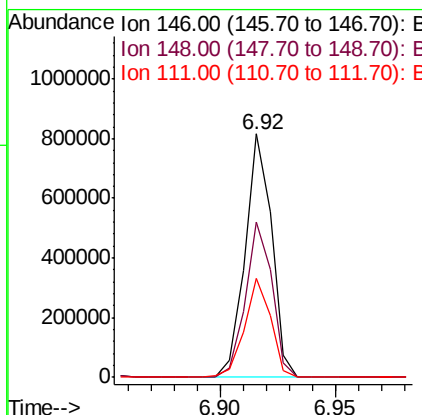
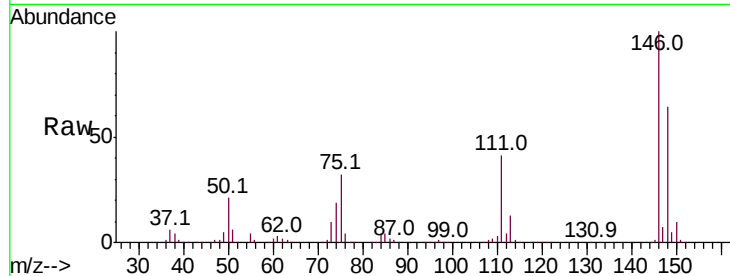
#13
 1,4-Dichlorobenzene
 Concen: 40.378 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.8	79.2
111	40.7	33.4	50.0

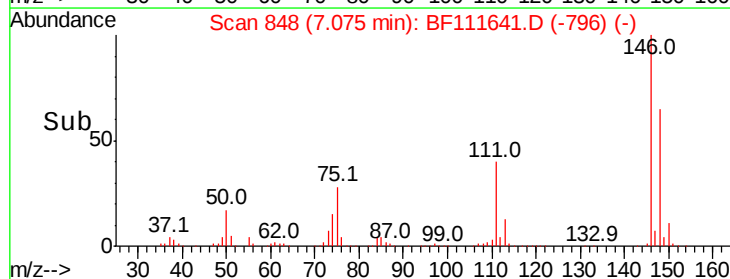
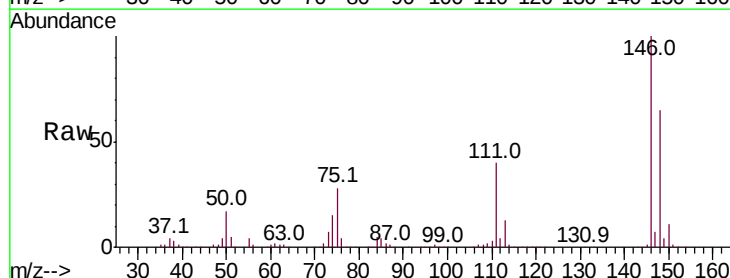
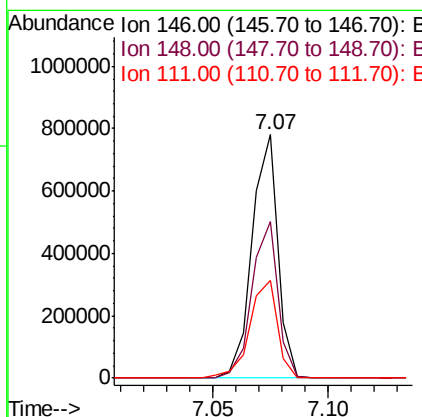
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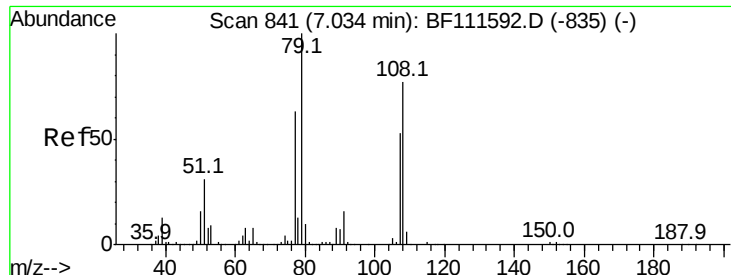
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#14
 1,2-Dichlorobenzene
 Concen: 40.352 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	40.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.532 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

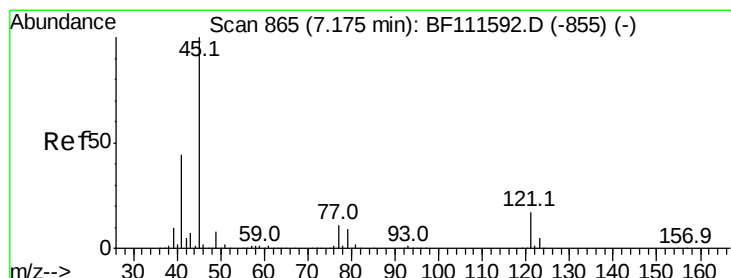
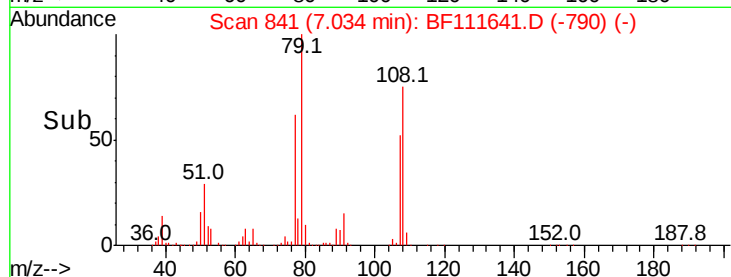
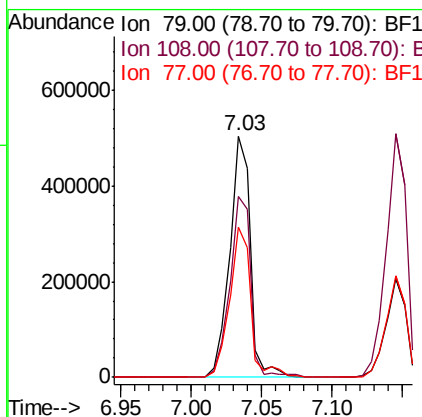
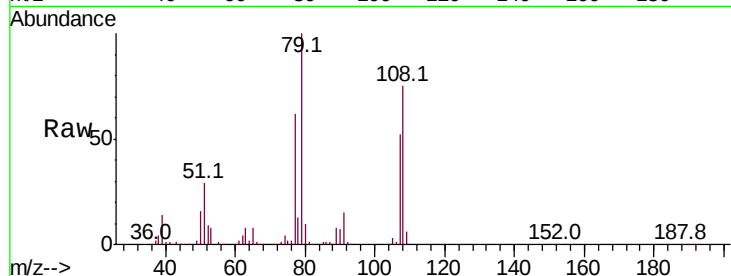
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	512947
Ion Ratio	Lower	Upper	
79	100		
108	74.6	69.4	104.2
77	62.4	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.496 ng

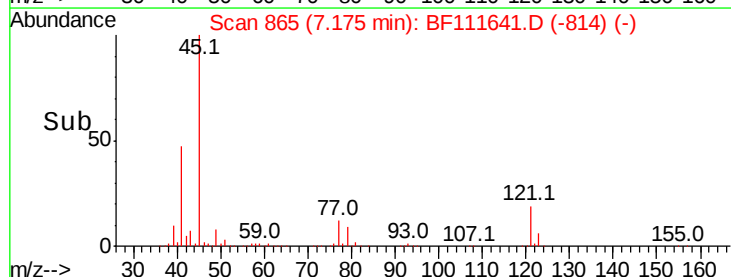
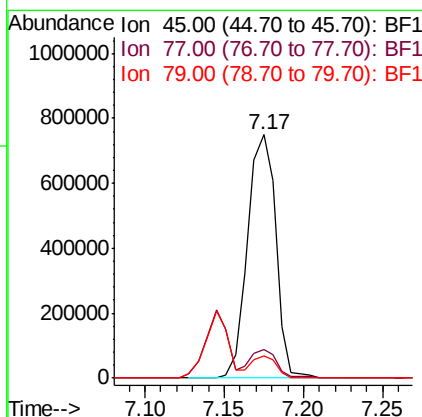
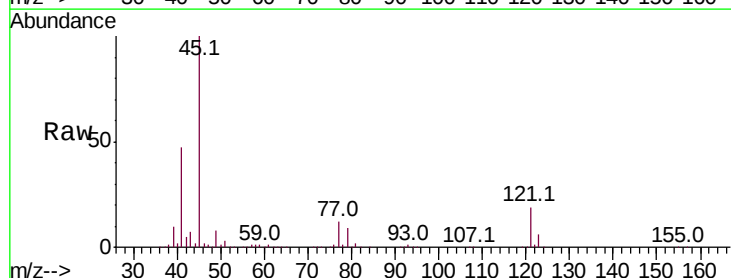
RT: 7.17 min Scan# 865

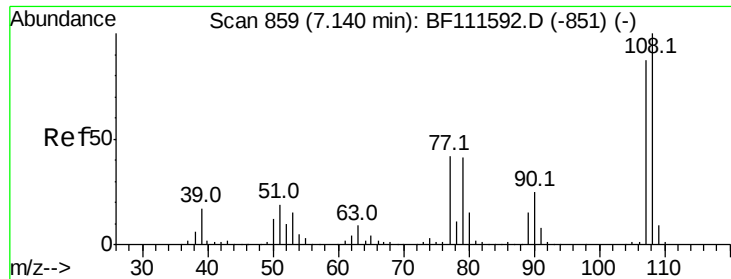
Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	45	Resp:	930392
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	31.5
79	8.9	0.0	28.9





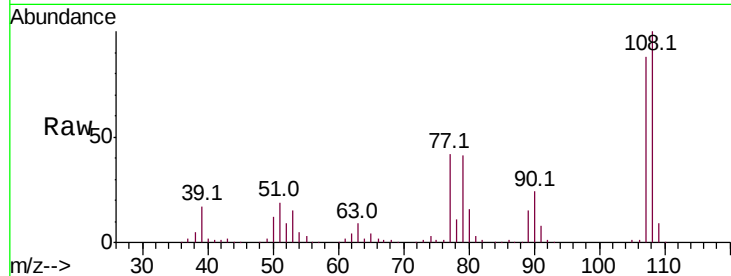
#17
2-Methylphenol
Concen: 39.788 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

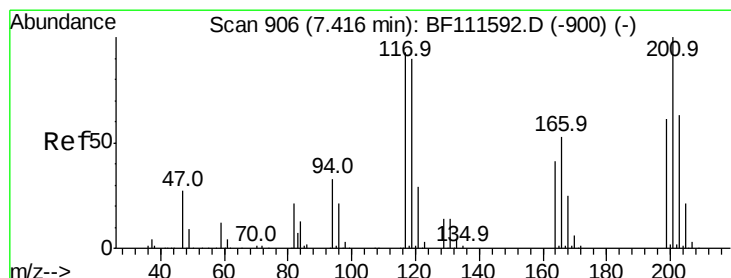
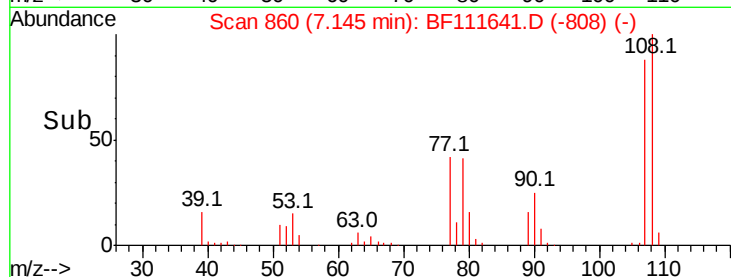
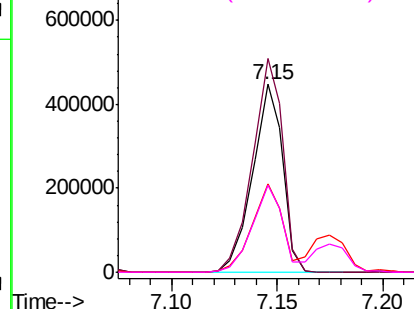
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.0	136.4	
77	47.2	33.5	50.3	
79	46.3	33.3	49.9	

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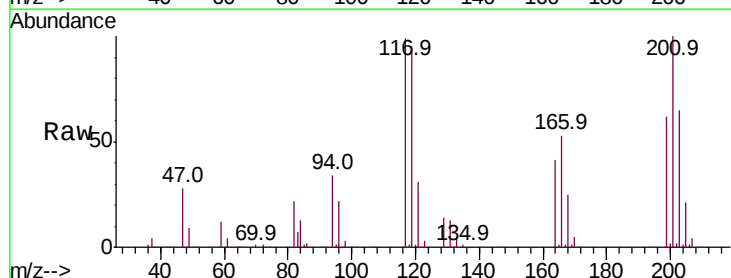


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

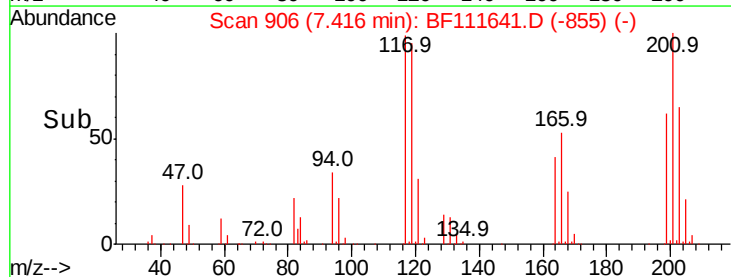
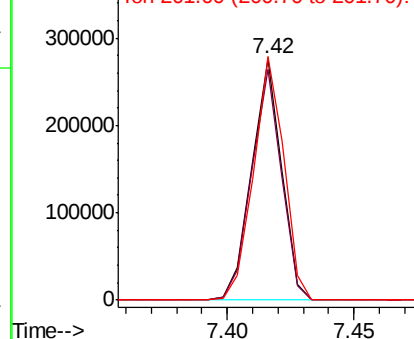


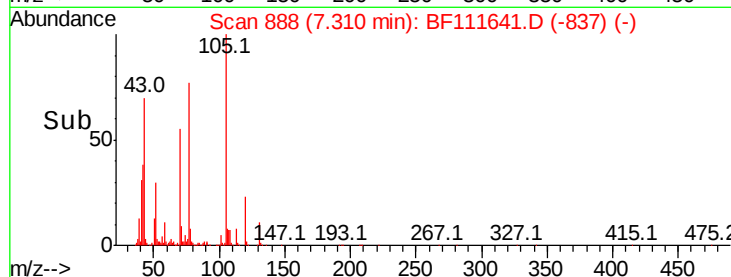
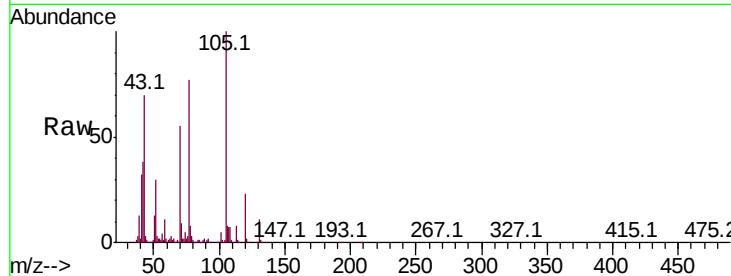
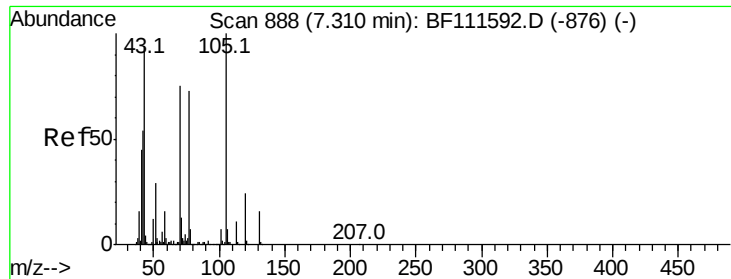
#18
Hexachloroethane
Concen: 41.184 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.4	113.0	
201	100.8	62.4	93.6#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





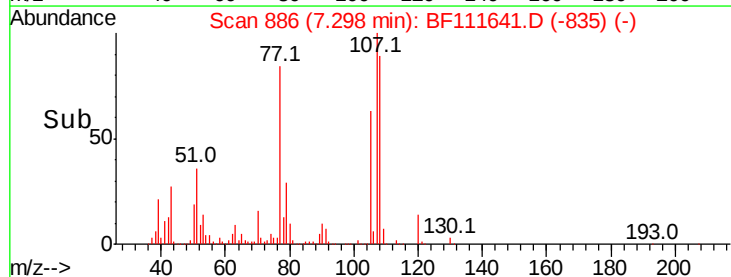
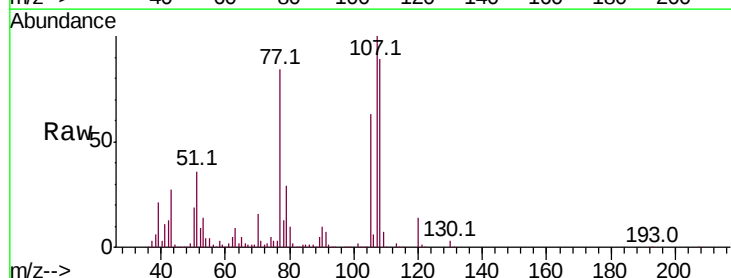
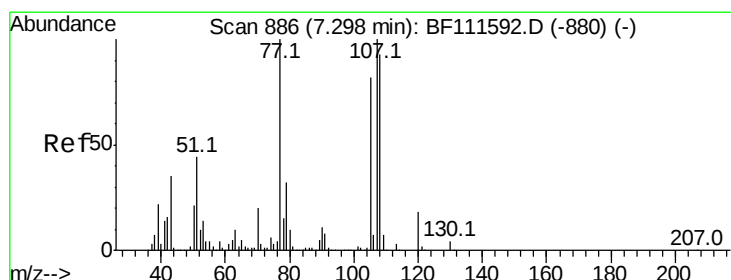
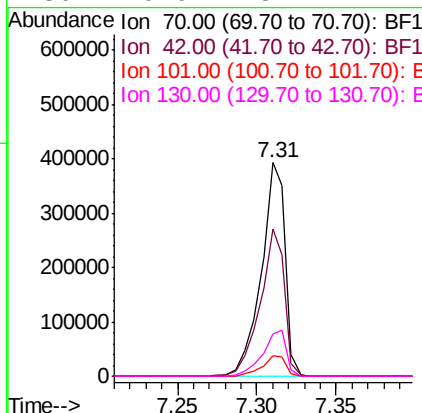
#19
n-Nitroso-di-n-propylamine
Concen: 39.053 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	53.2	79.8
101	9.4	8.2	12.4
130	19.9	18.1	27.1

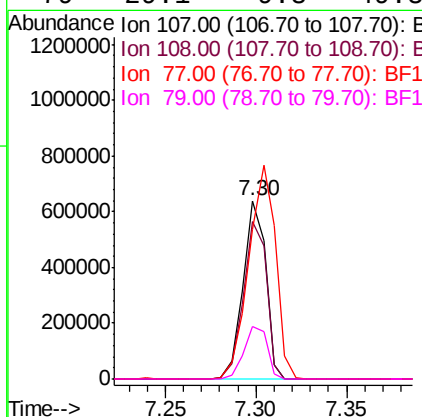
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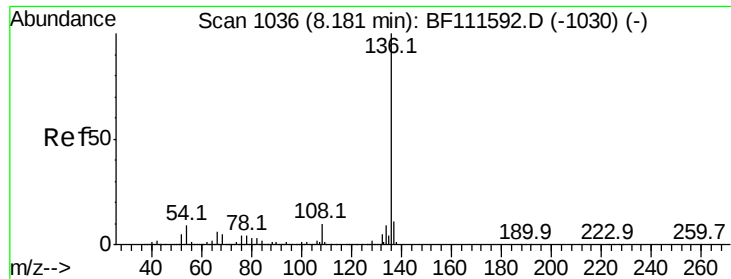
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#20
3+4-Methylphenols
Concen: 39.810 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.1	112.1
77	83.7	94.1	134.1#
79	29.1	9.8	49.8





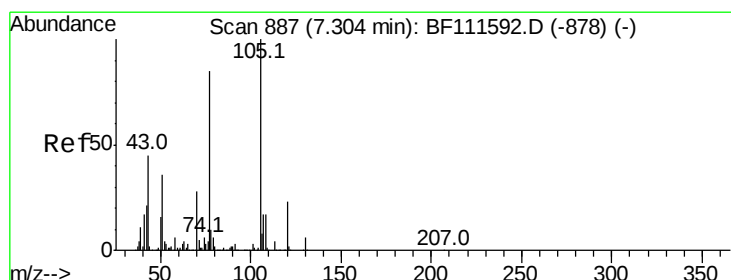
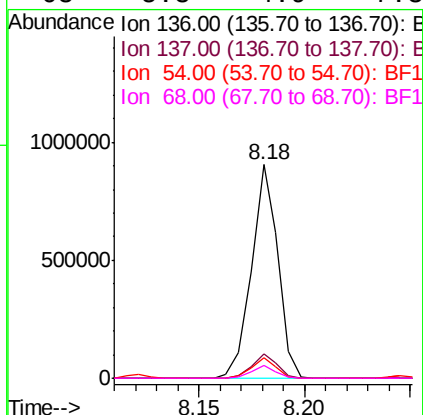
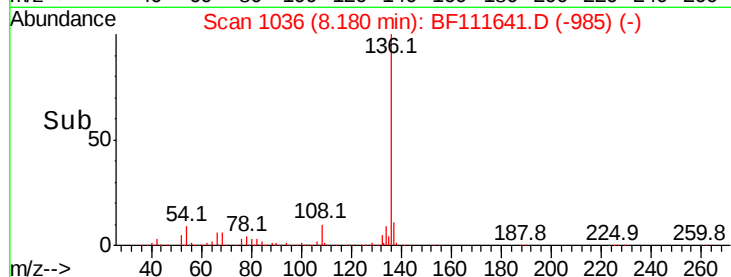
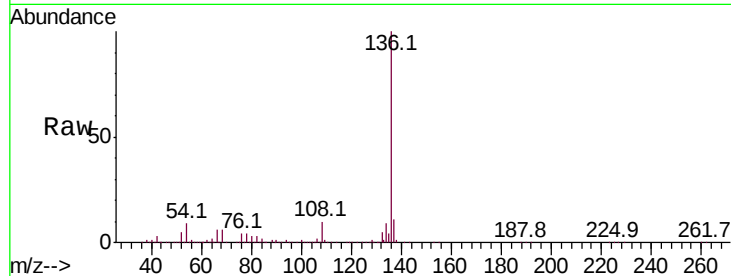
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	9.3	7.7	11.5	
68	5.8	4.9	7.3	

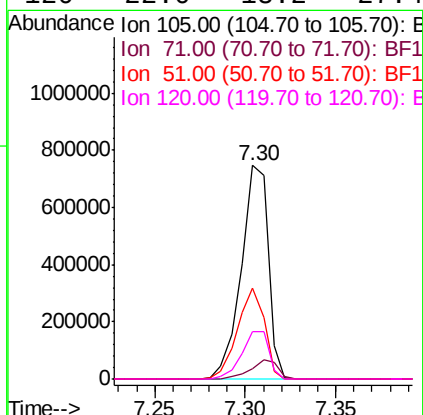
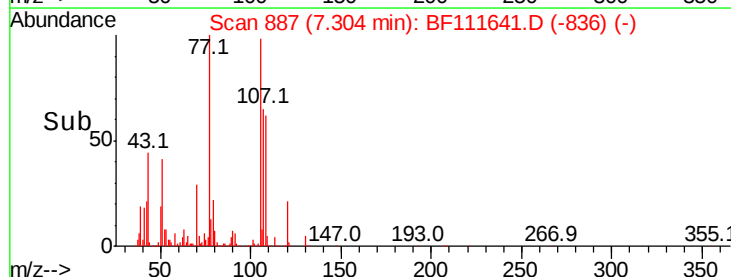
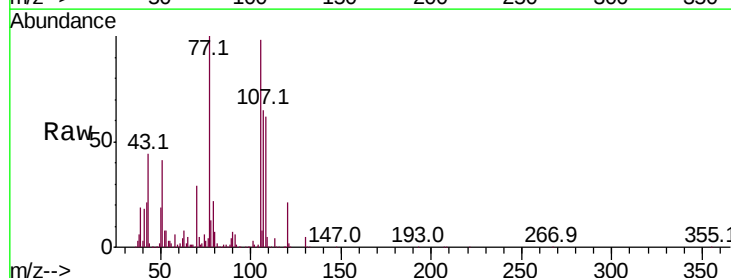
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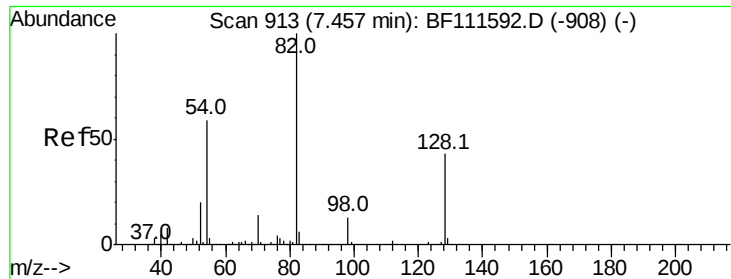
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#22
Acetophenone
Concen: 38.987 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	3.1	4.7#	
51	42.5	36.6	54.8	
120	22.0	18.2	27.4	





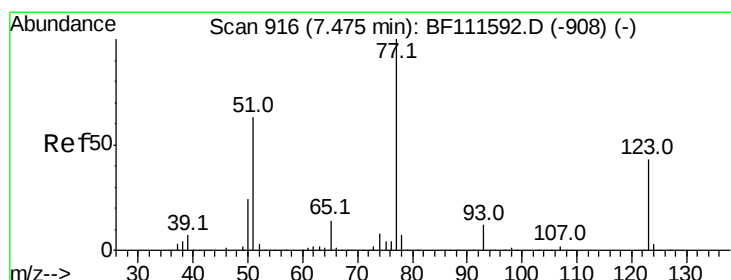
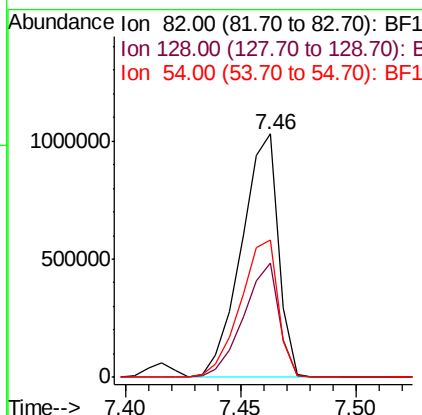
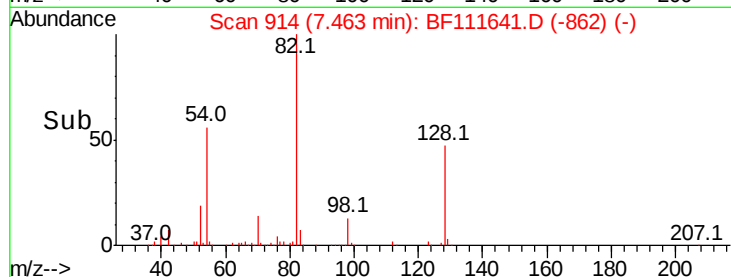
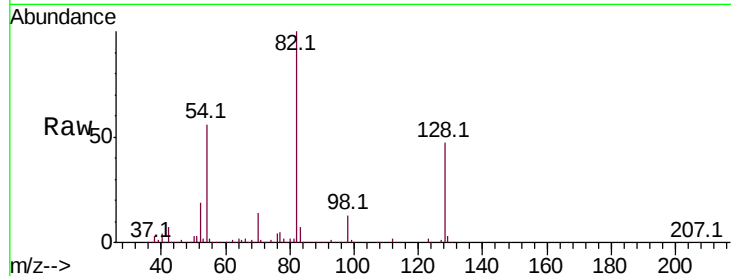
#23
Nitrobenzene-d5
Concen: 85.699 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1155616
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.2
54 56.4 47.6 71.4

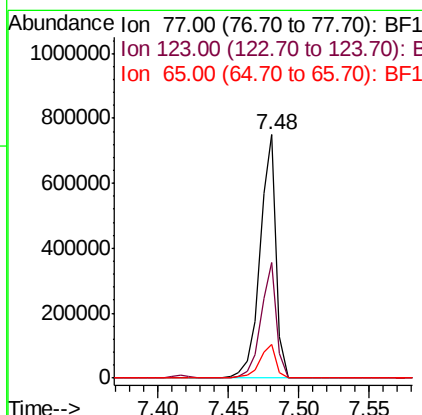
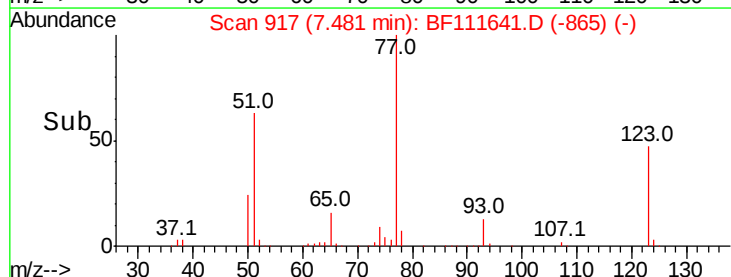
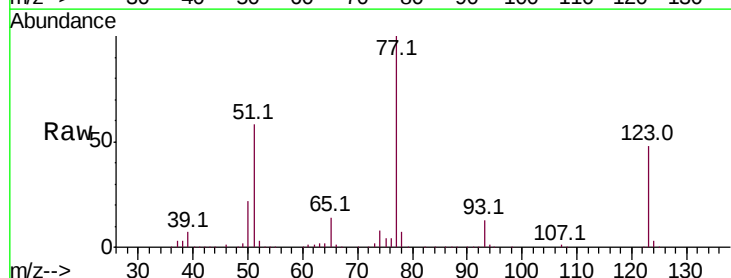
Manual Integrations
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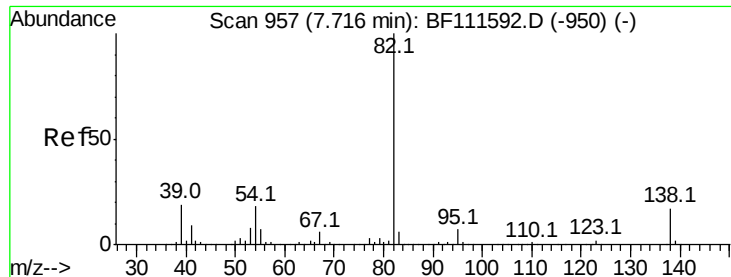
Sohil
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#24
Nitrobenzene
Concen: 42.556 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion: 77 Resp: 601448
Ion Ratio Lower Upper
77 100
123 47.5 37.2 55.8
65 13.8 11.5 17.3





#25

Isophorone

Concen: 38.855 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

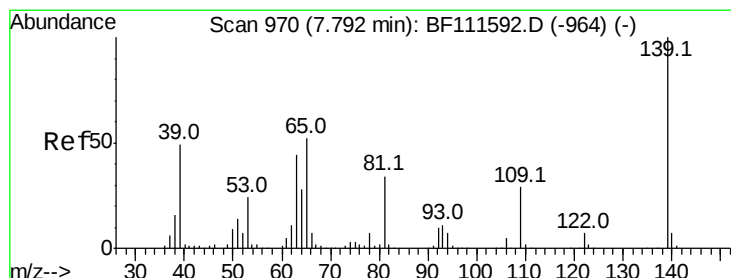
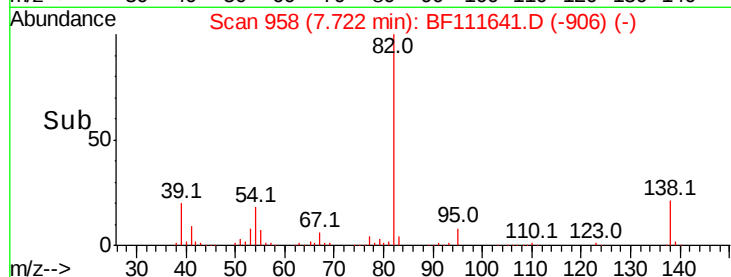
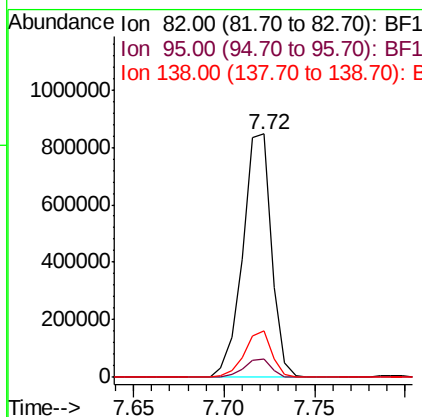
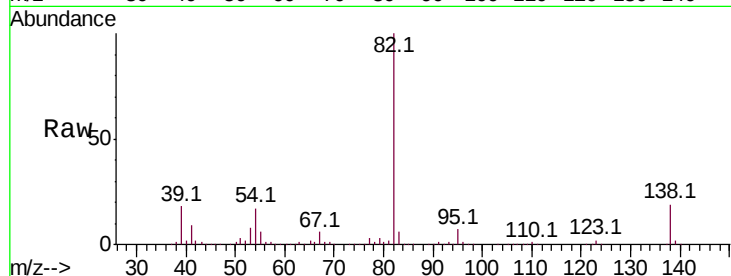
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	930157
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	19.2	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.329 ng

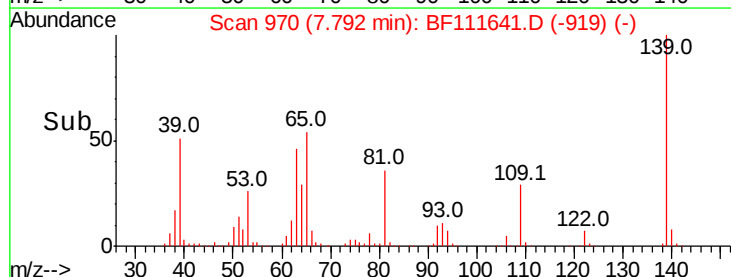
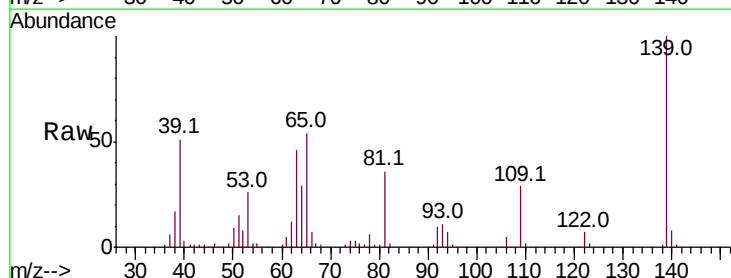
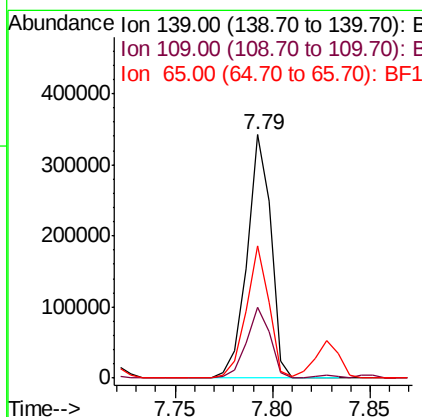
RT: 7.79 min Scan# 970

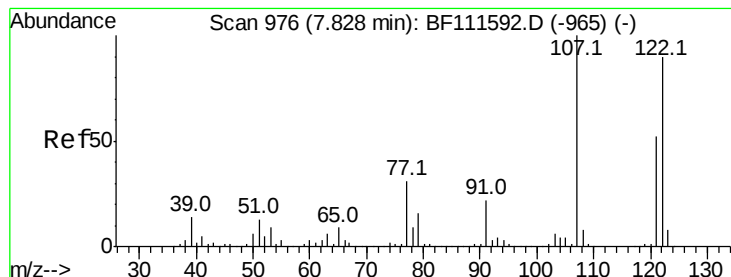
Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	139	Resp:	288482
Ion Ratio	Lower	Upper	
139	100		
109	29.1	20.2	30.4
65	54.2	40.7	61.1





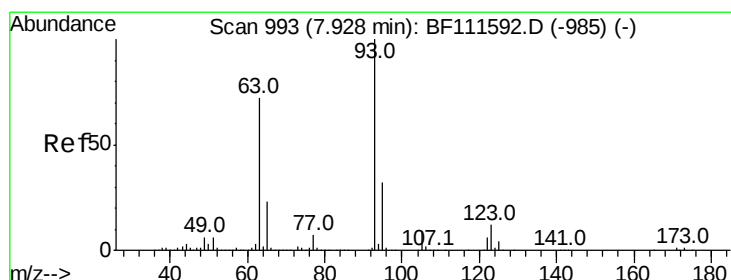
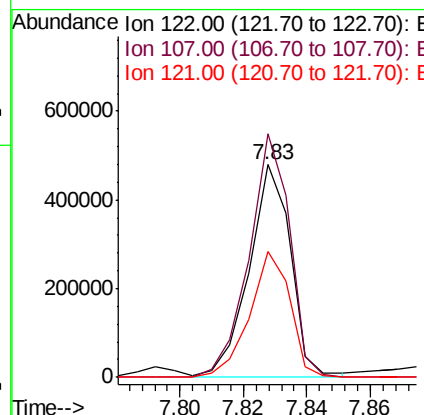
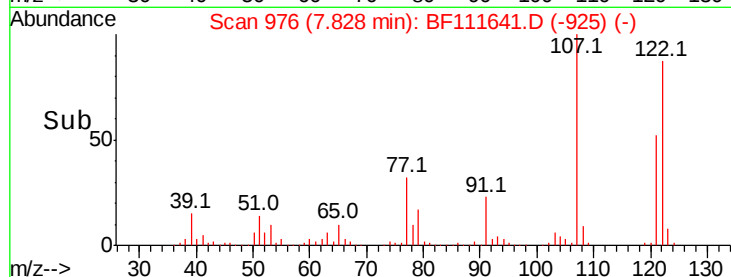
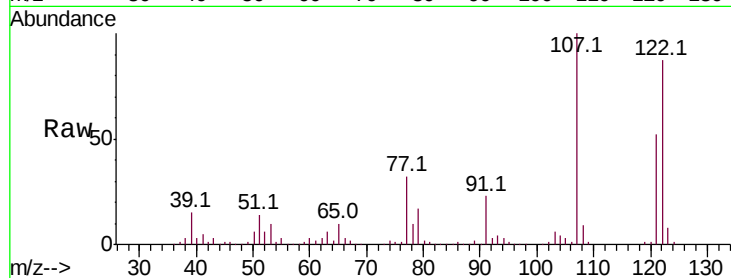
#27
 2,4-Dimethylphenol
 Concen: 38.655 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	85.5	128.3
121	59.3	46.6	70.0

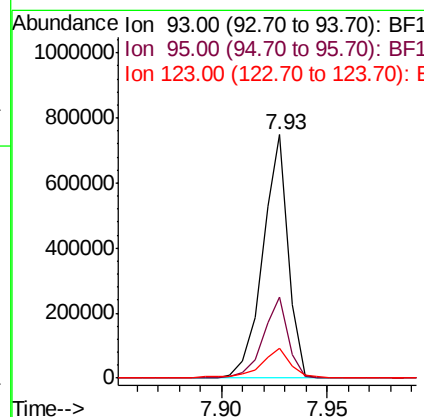
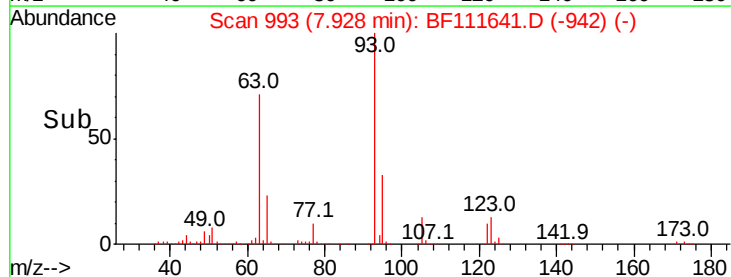
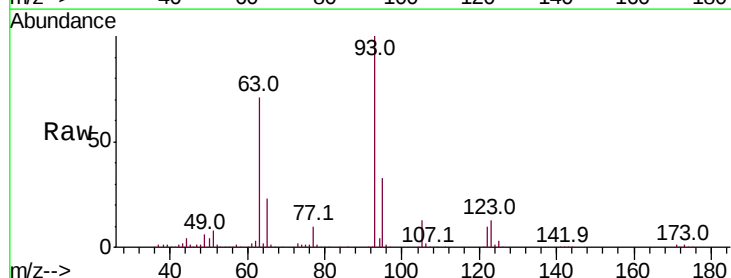
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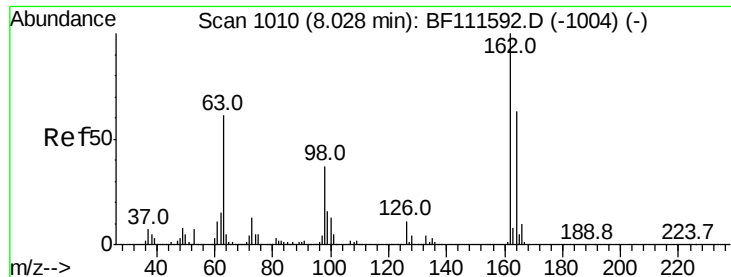
Sohil
 12/21/2018 2:46:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.031 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.1	40.7
123	12.5	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 40.563 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

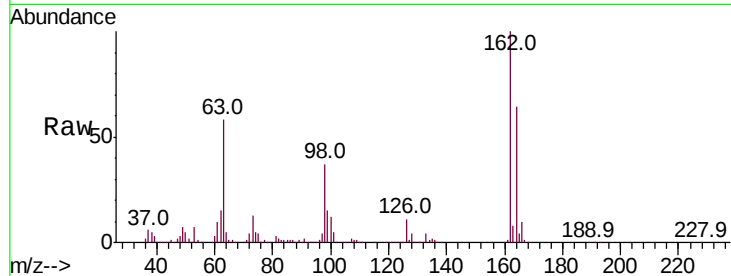
ClientSampleId :

SSTDCCC040

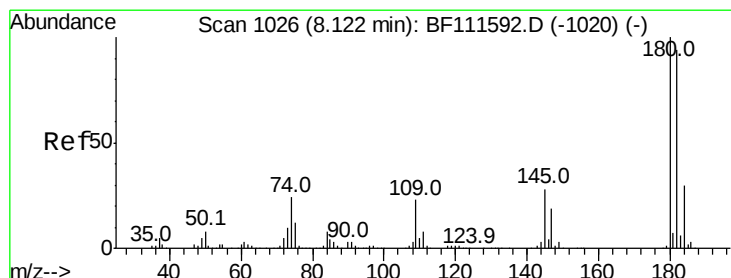
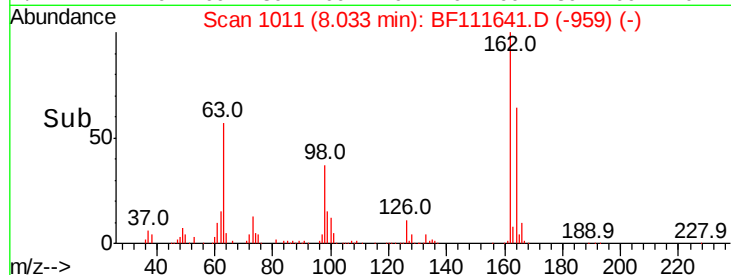
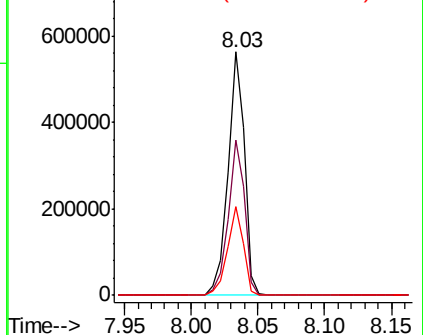
Tot Ion:	162	Resp:	492978
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.4	84.4
98	36.6	20.3	60.3

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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: 39.791 ng

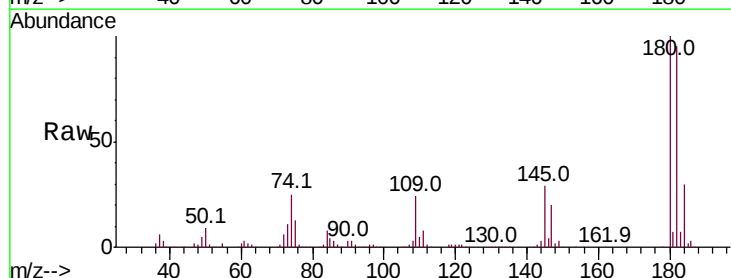
RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

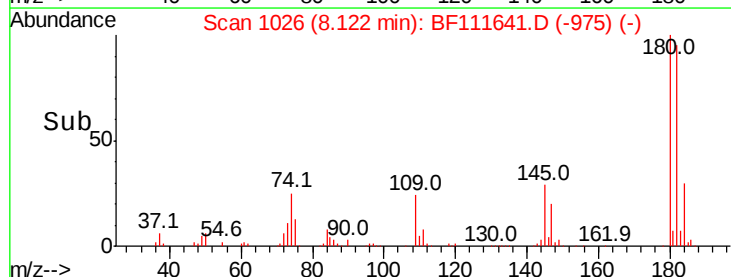
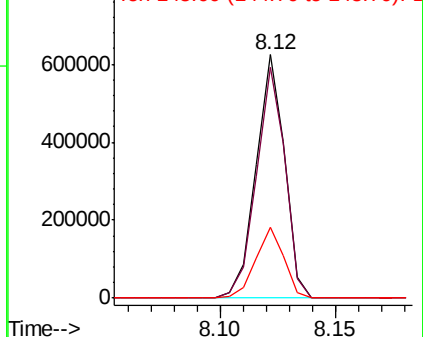
Lab File: BF111641.D

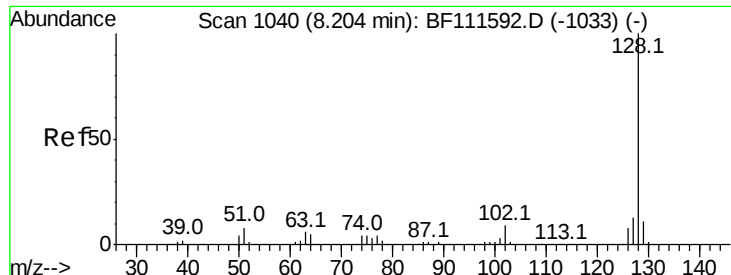
Acq: 20 Dec 2018 16:14

Tgt Ion:	180	Resp:	538898
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.6	113.4
145	29.3	26.7	40.1



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





#31

Naphthalene

Concen: 39.633 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1494702

Ion Ratio Lower Upper

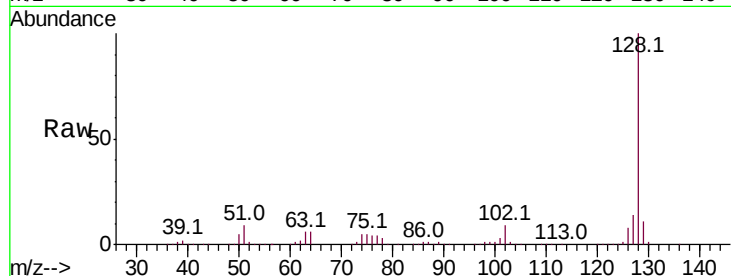
128 100

129 11.4 9.8 14.8

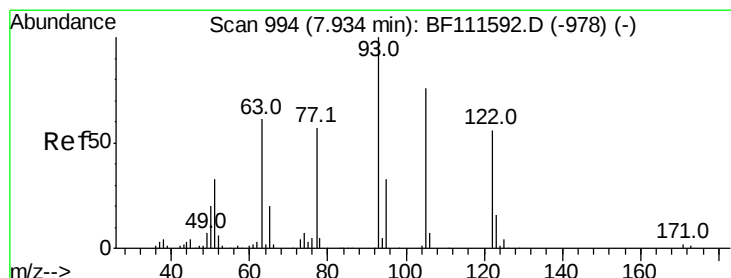
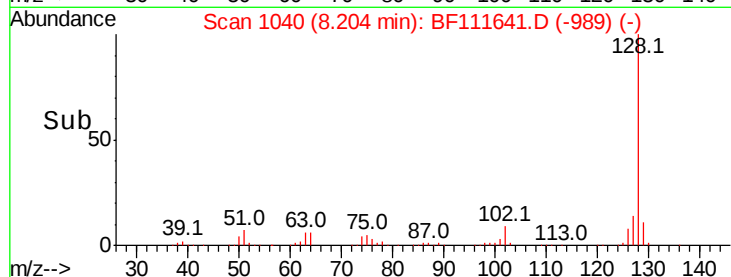
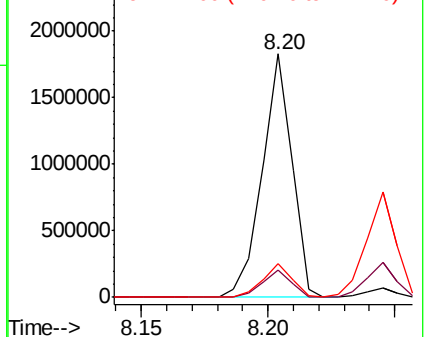
127 13.7 12.0 18.0

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



#32

Benzoic acid

Concen: 45.503 ng m

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

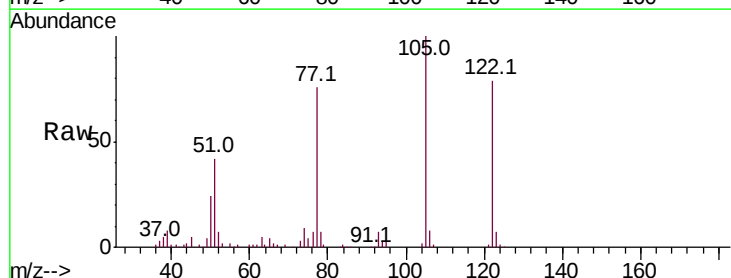
Tgt Ion:122 Resp: 339945

Ion Ratio Lower Upper

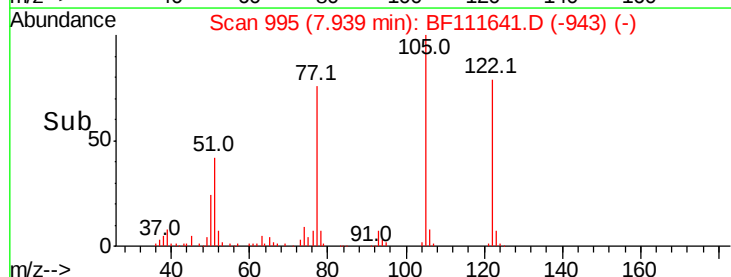
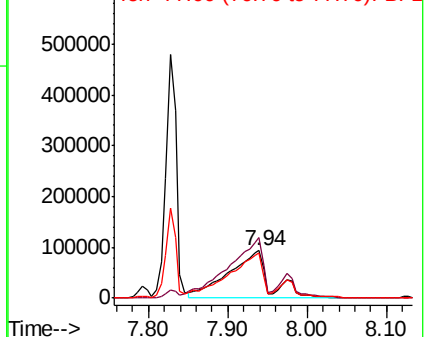
122 100

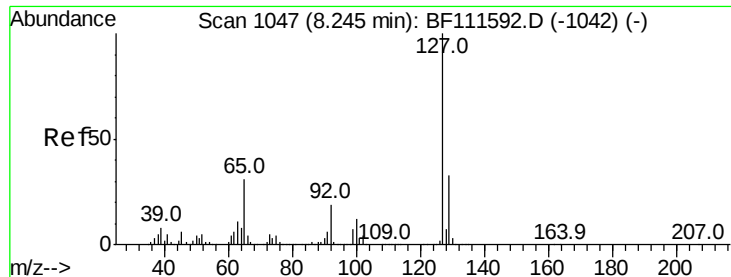
105 126.9 97.0 137.0

77 96.0 65.7 105.7



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





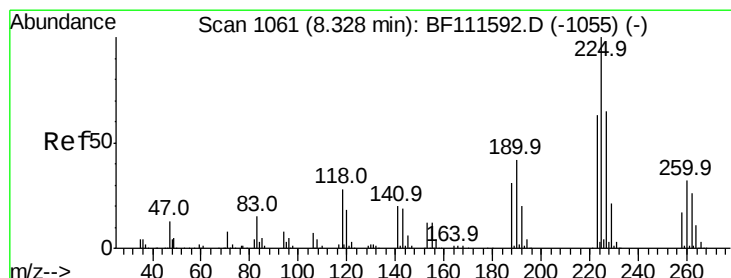
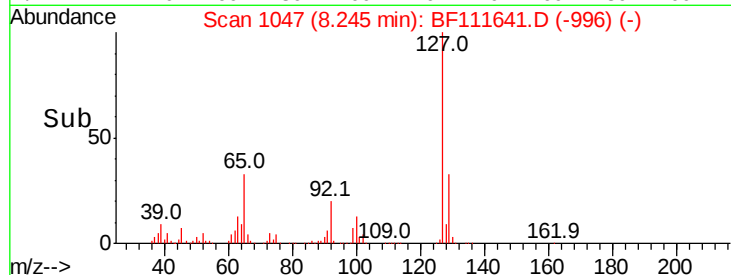
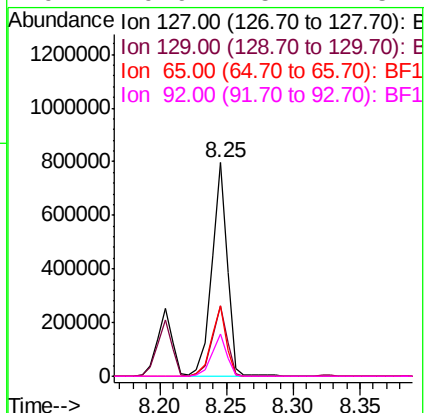
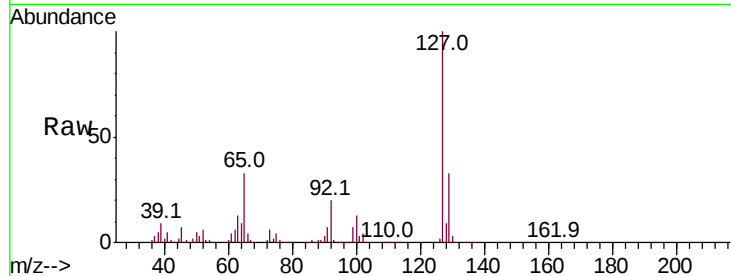
#33
4-Chloroaniline
Concen: 39.715 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.6	39.8	
65	33.1	25.7	38.5	
92	19.9	15.4	23.2	

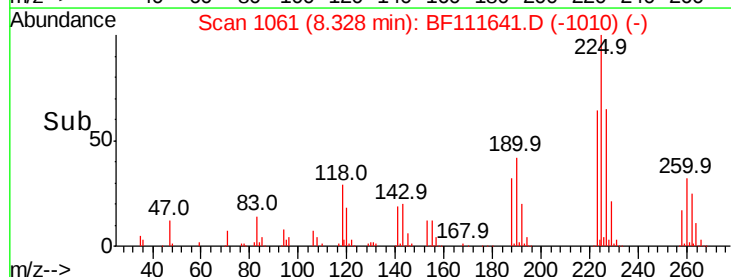
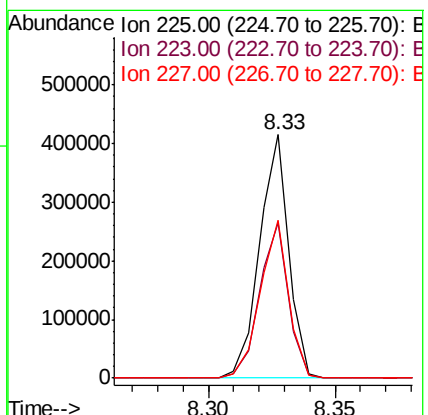
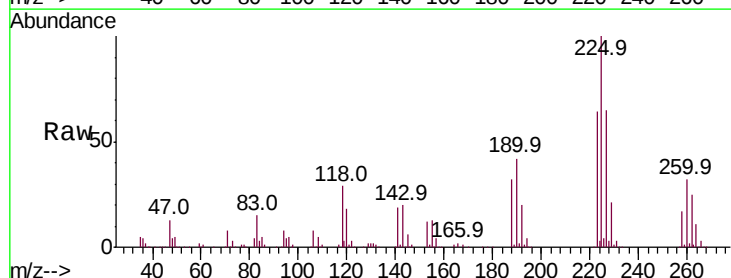
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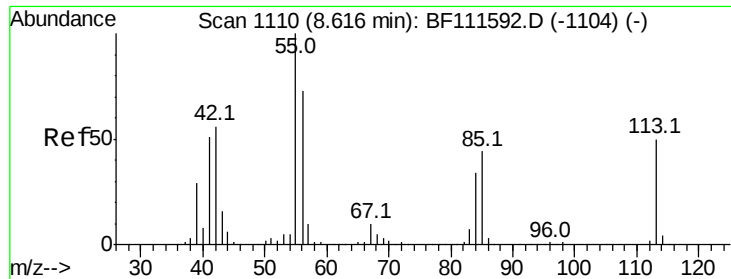
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#34
Hexachlorobutadiene
Concen: 40.062 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.7	76.1	
227	64.8	52.6	78.8	





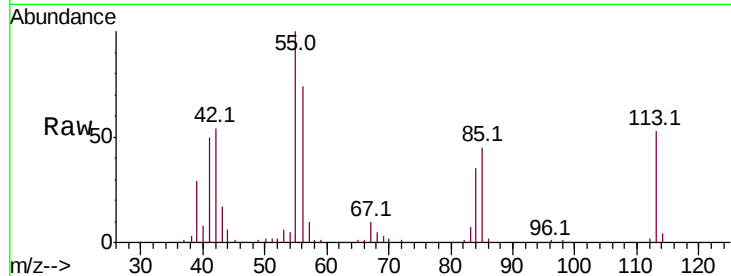
#35
Caprolactam
Concen: 39.628 ng/ml
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.2	184.1	224.1
56	138.7	126.0	166.0

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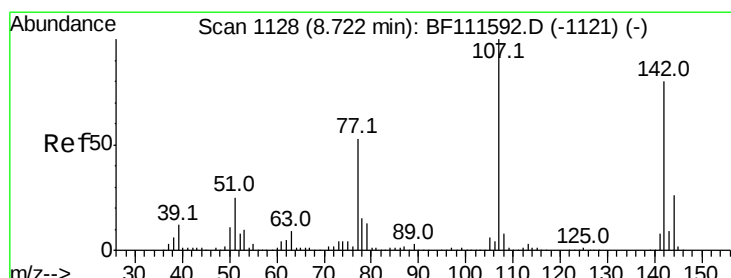
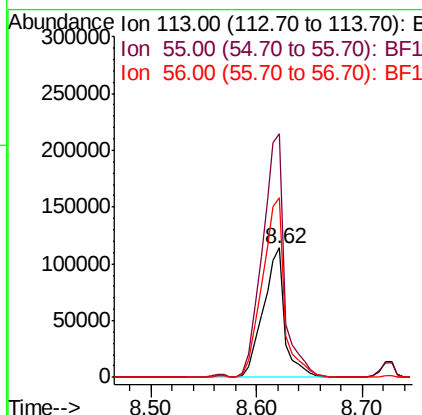
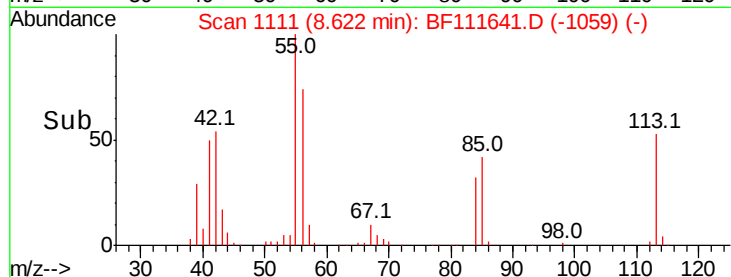


Abundance

Ion 113.00 (112.70 to 113.70): E

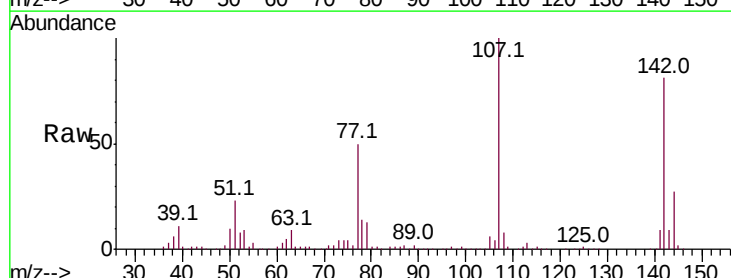
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 40.129 ng/ml
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.8	29.6
142	81.1	62.3	93.5

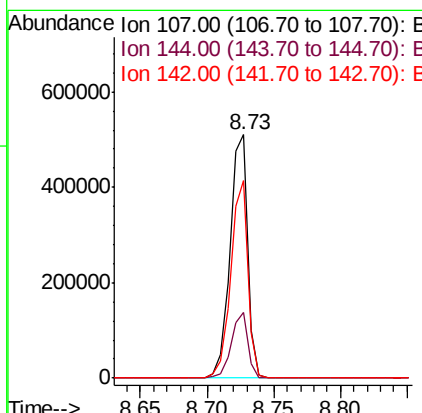
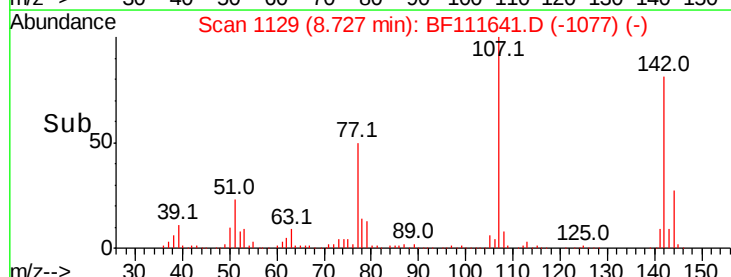


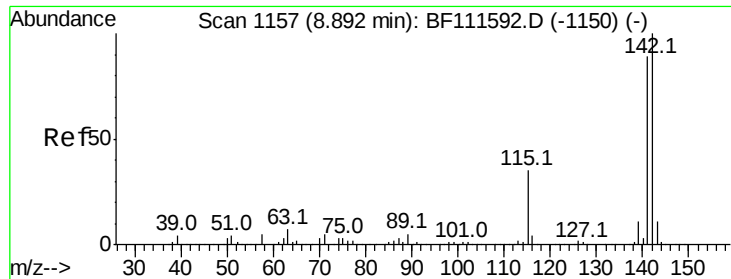
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





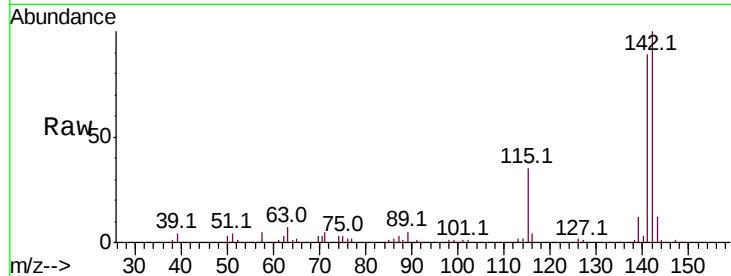
#37
2-Methylnaphthalene
Concen: 39.608 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	35.2	27.0	40.6

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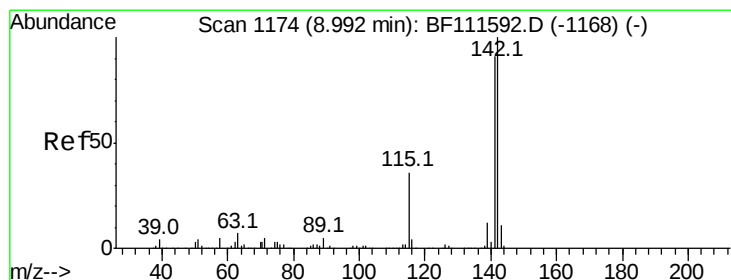
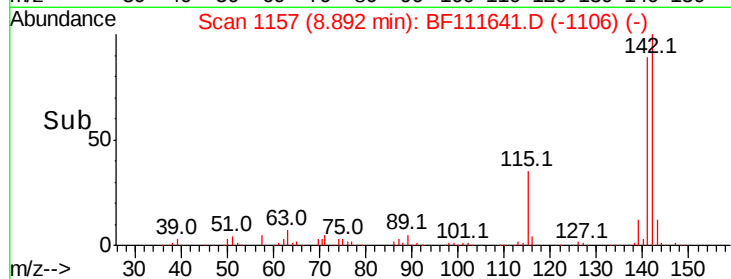
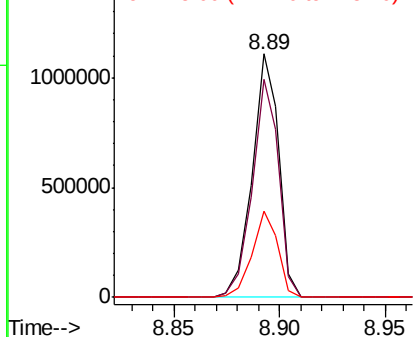


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.052 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

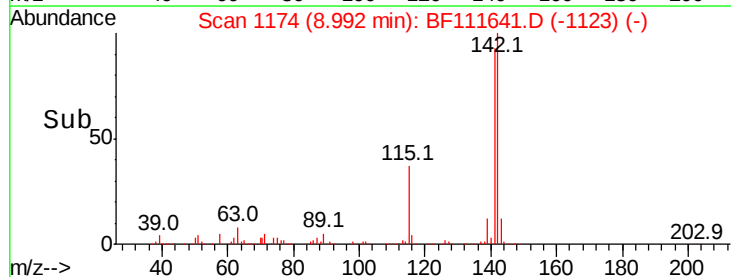
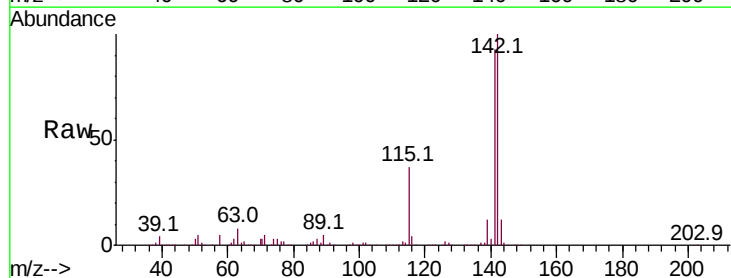
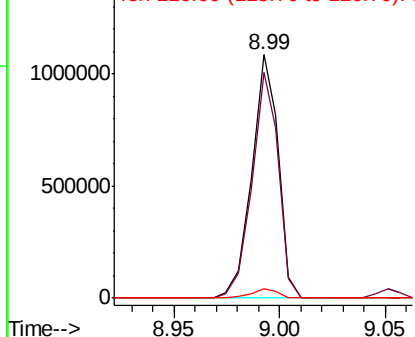
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	3.9	2.9	4.3

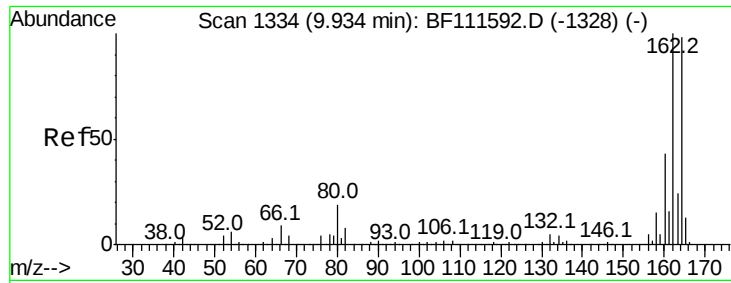
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





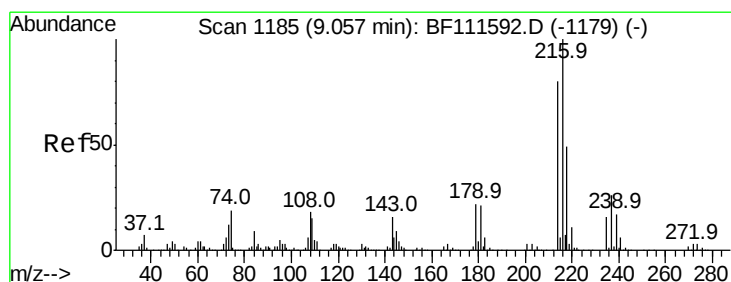
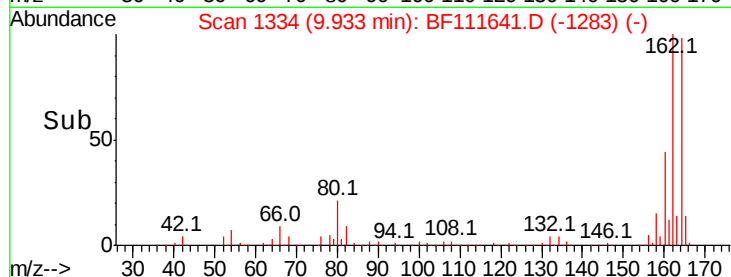
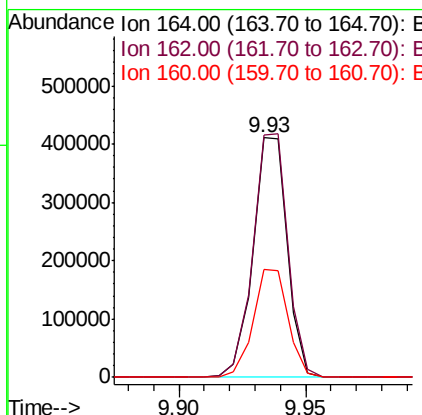
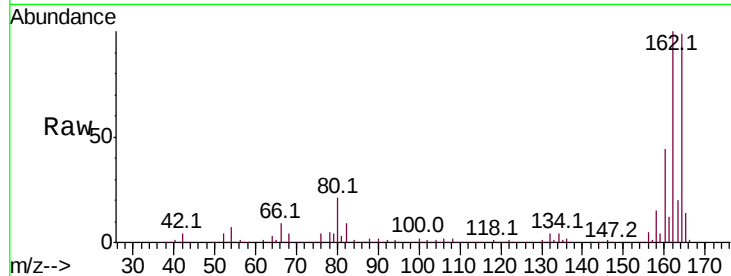
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.8	35.7	53.5

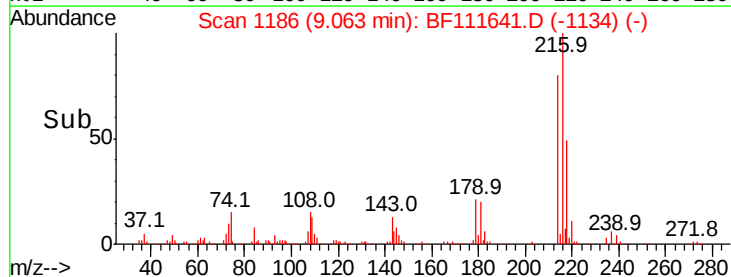
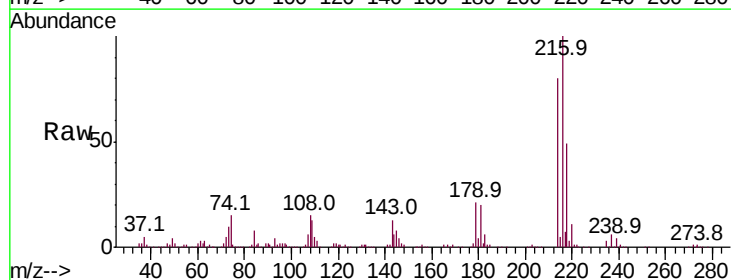
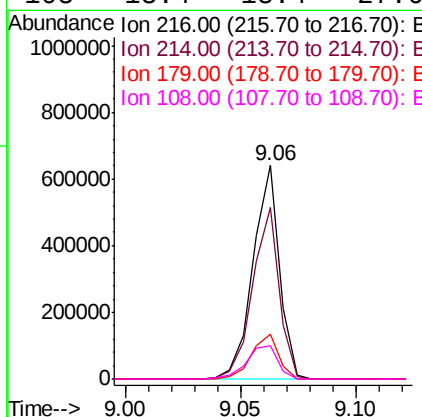
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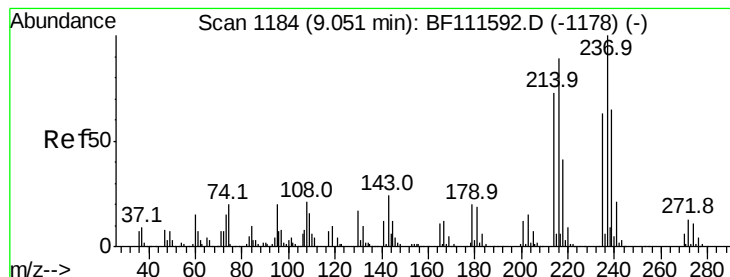
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.408 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.8
179	21.3	17.9	26.9
108	18.4	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 45.717 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

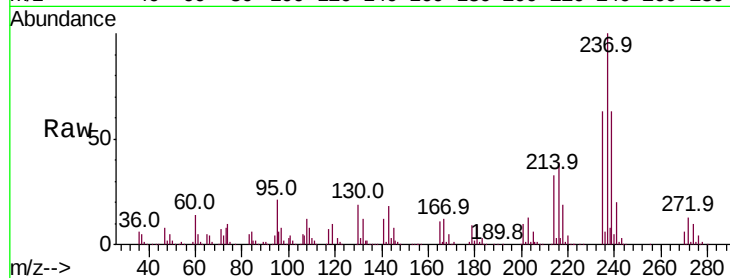
ClientSampleId :

SSTDCCC040

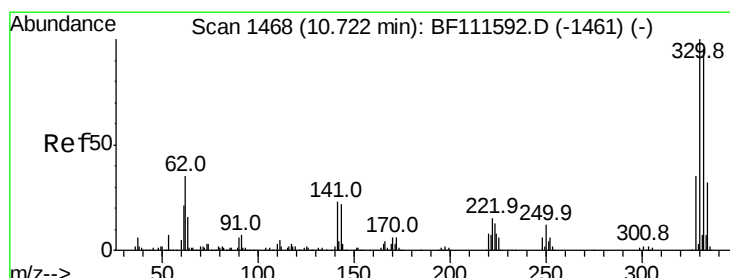
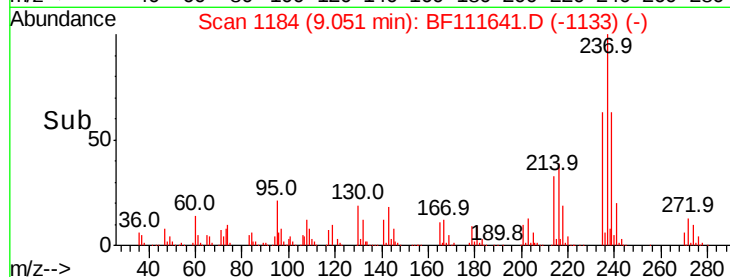
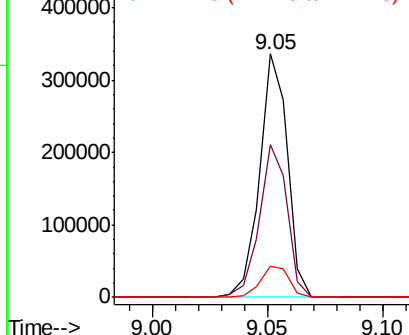
Tot Ion:	237	Resp:	282614
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.1	83.1
272	12.6	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 86.191 ng

RT: 10.72 min Scan# 1468

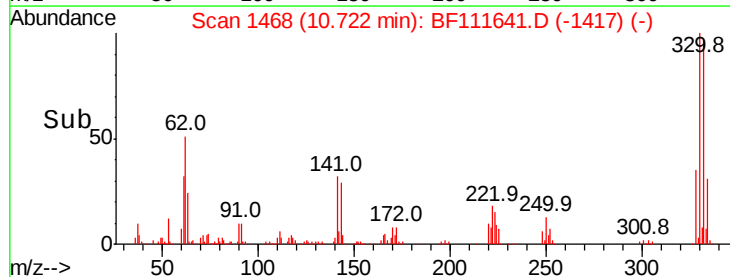
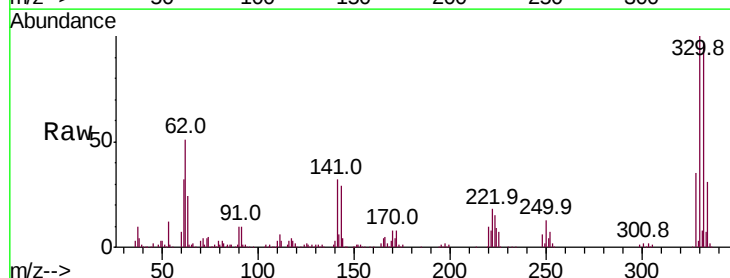
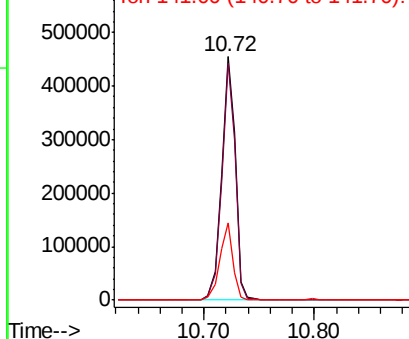
Delta R.T. -0.00 min

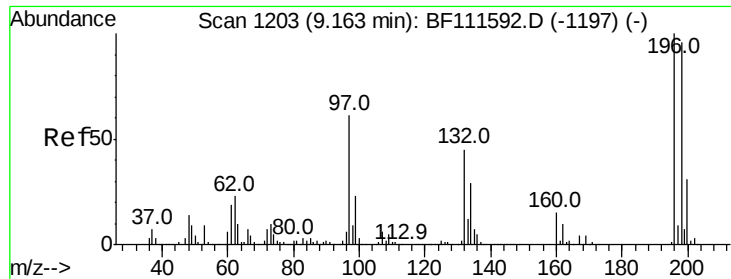
Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	330	Resp:	394822
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.0	114.0
141	29.9	31.0	46.6#

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





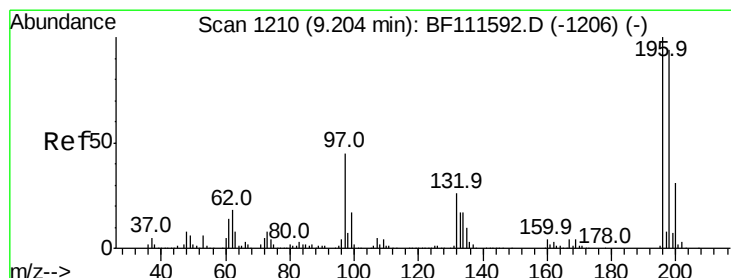
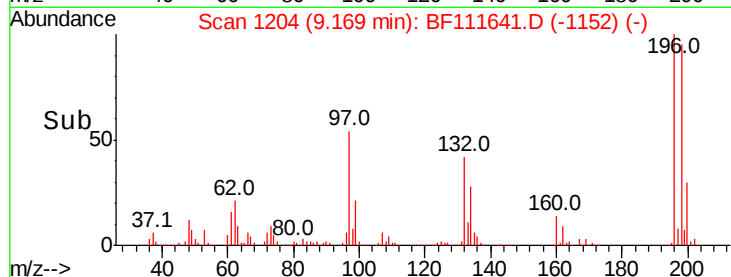
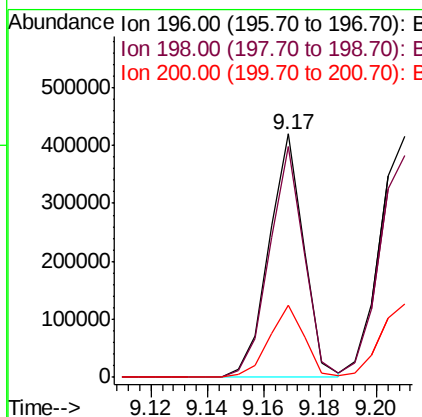
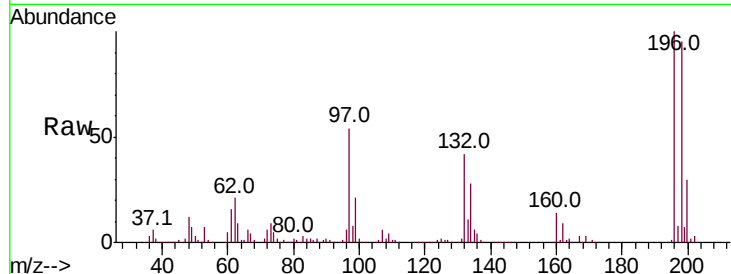
#43
 2,4,6-Trichlorophenol
 Concen: 42.147 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	358479		
198	94.6	76.3	114.5	
200	29.6	24.9	37.3	

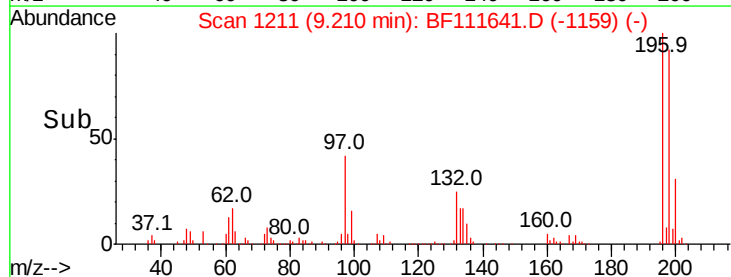
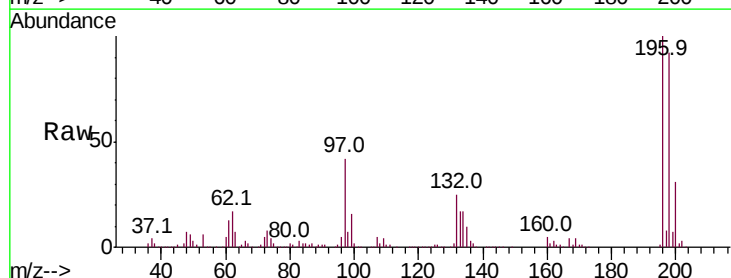
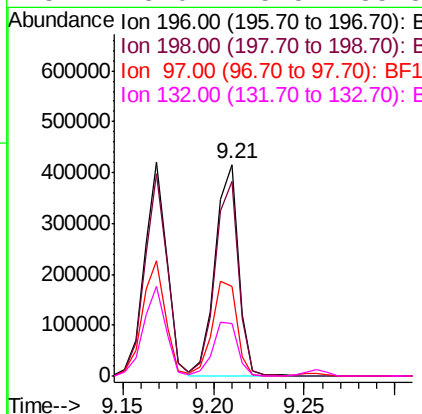
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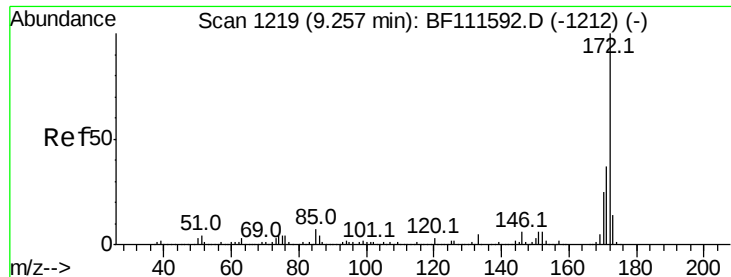
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.571 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	371461		
198	92.3	72.9	109.3	
97	42.3	45.3	67.9#	
132	25.0	25.5	38.3#	





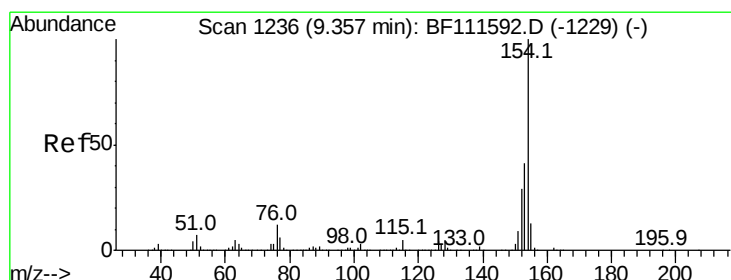
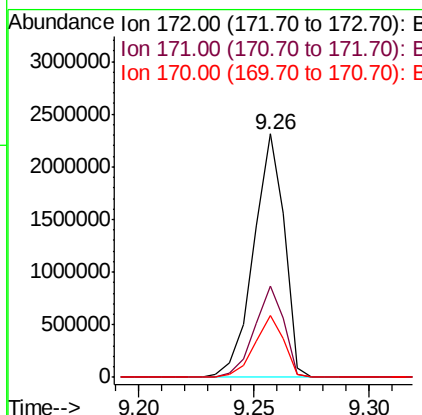
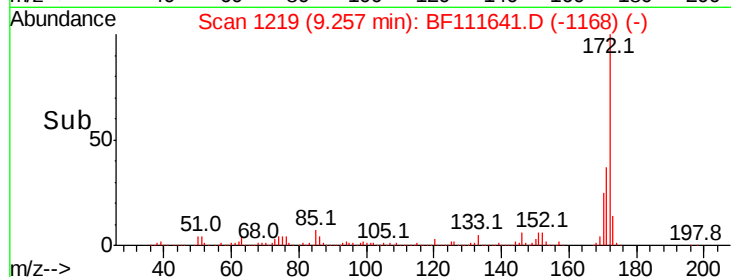
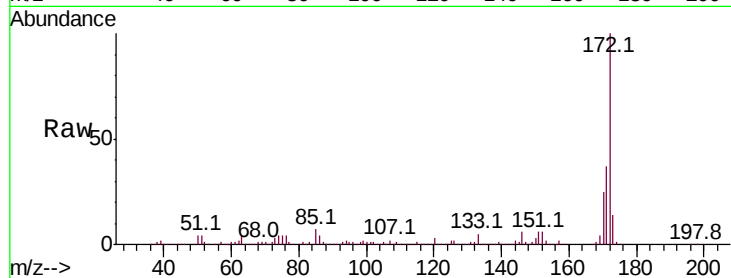
#45
2-Fluorobiphenyl
Concen: 80.464 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.0	49.4
170	25.3	22.3	33.5

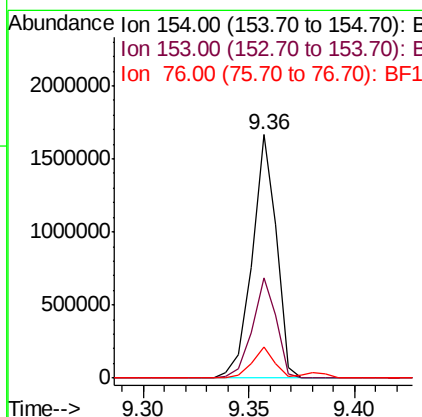
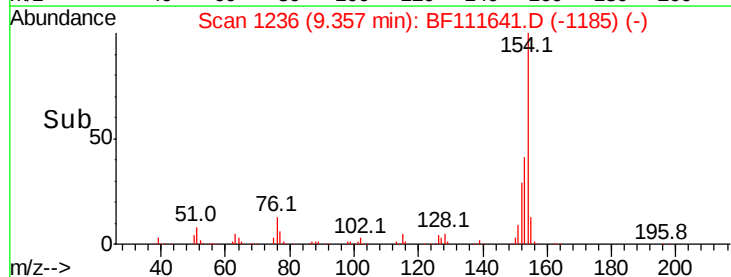
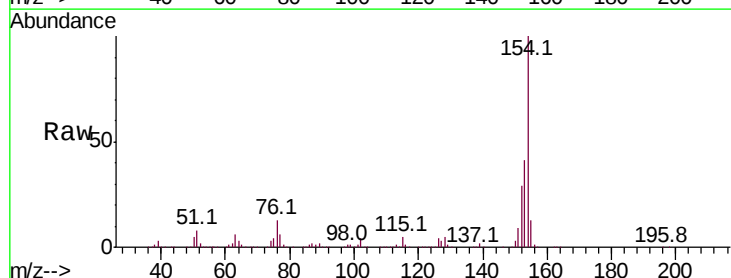
Manual Integrations
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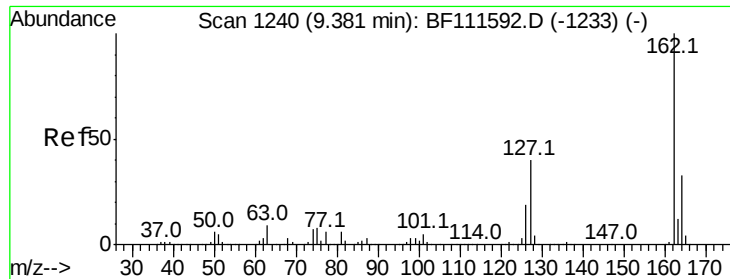
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#46
1,1'-Biphenyl
Concen: 40.567 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.7	63.7
76	12.8	0.0	35.0





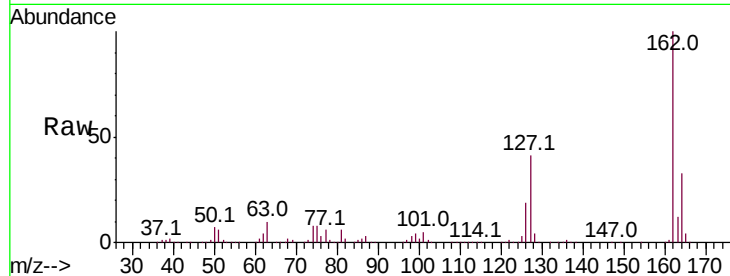
#47
 2-Chloronaphthalene
 Concen: 40.393 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

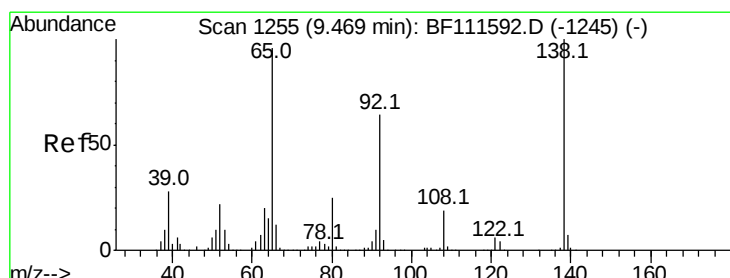
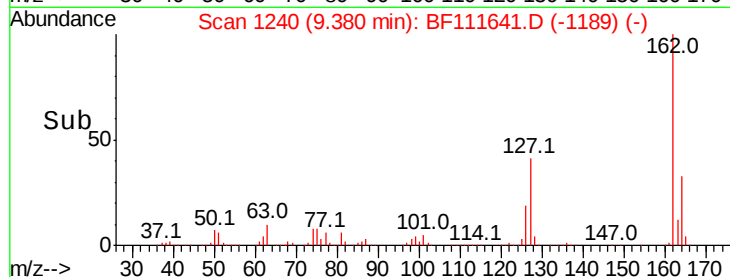
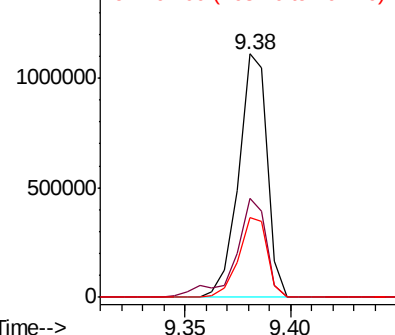
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	35.0	52.4
164	32.8	28.4	42.6

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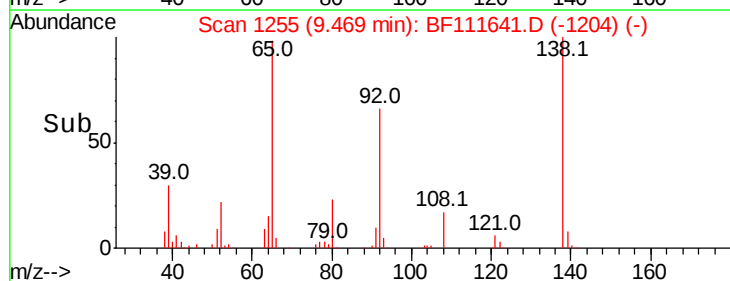
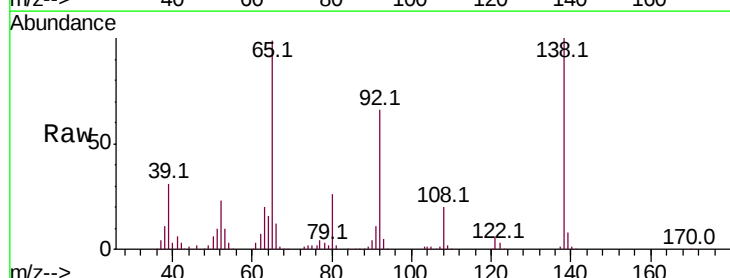
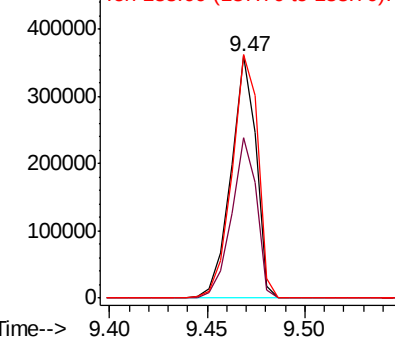
Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

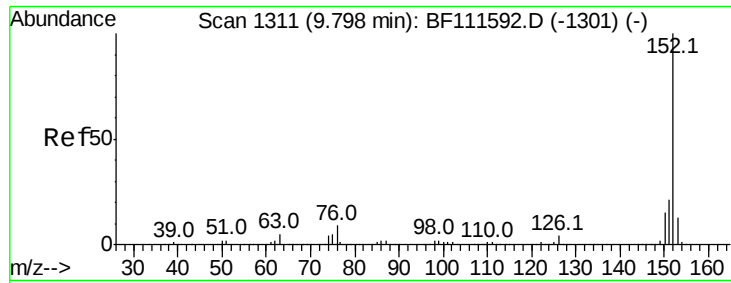


#48
 2-Nitroaniline
 Concen: 47.410 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.5	80.3
138	100.6	80.9	121.3

Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.621 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

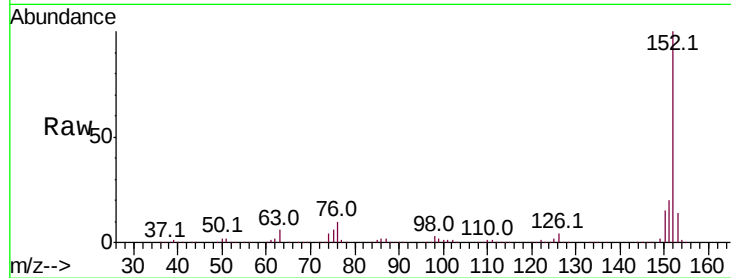
ClientSampleId :

SSTDCCC040

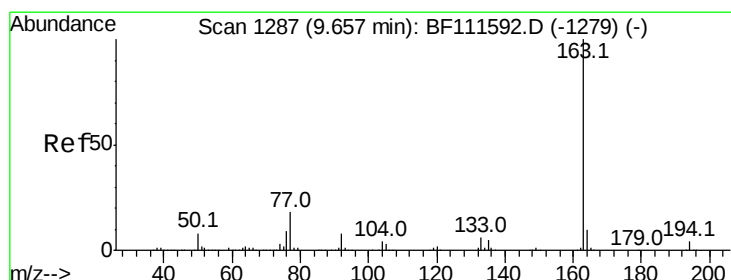
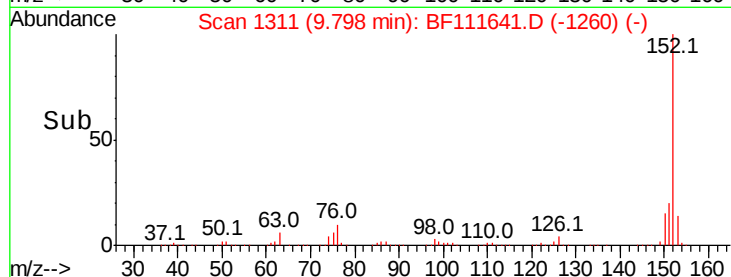
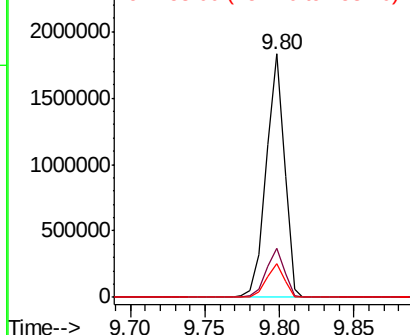
Tot Ion:	152	Resp:	1537812
Ion Ratio	Lower	Upper	
152	100		
151	20.4	18.0	27.0
153	13.6	12.3	18.5

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



#50

Dimethylphthalate

Concen: 39.977 ng

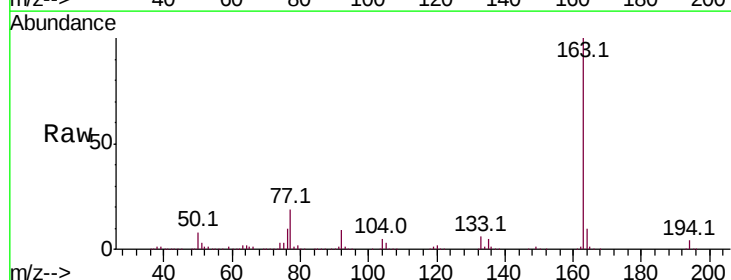
RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

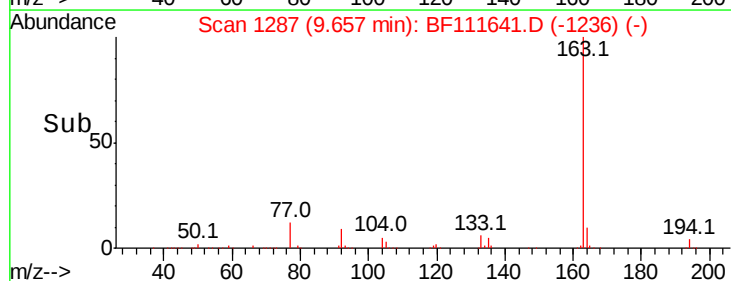
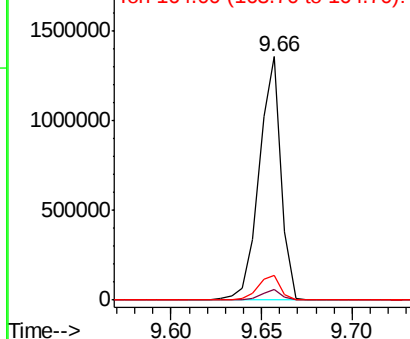
Lab File: BF111641.D

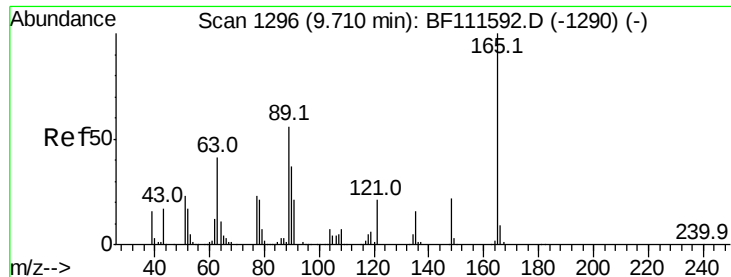
Acq: 20 Dec 2018 16:14

Tgt Ion:	163	Resp:	1133343
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.6
164	10.3	8.9	13.3



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





#51

2,6-Dinitrotoluene

Concen: 46.099 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

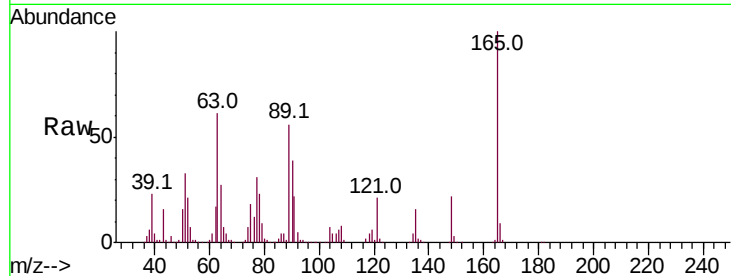
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	260599
Ion Ratio	Lower	Upper	
165	100		
63	61.2	40.5	60.7#
89	56.5	40.0	60.0

Manual Integrations
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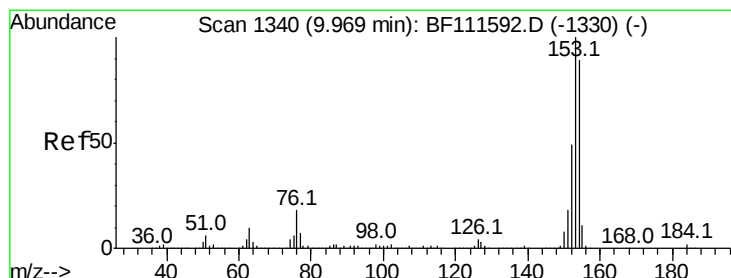
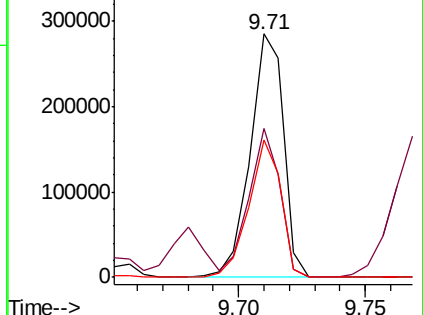
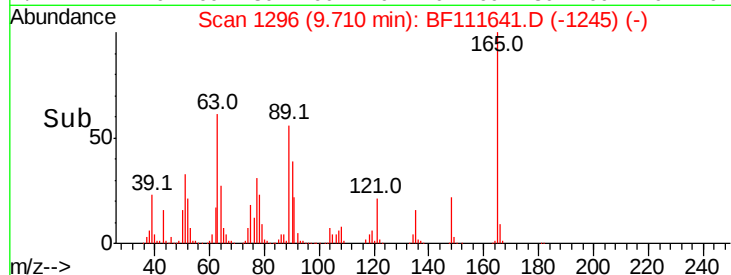
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.140 ng

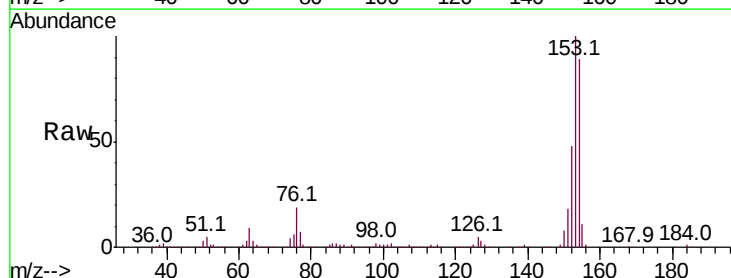
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

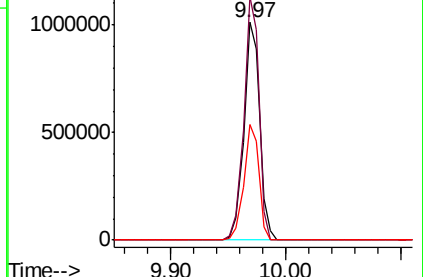
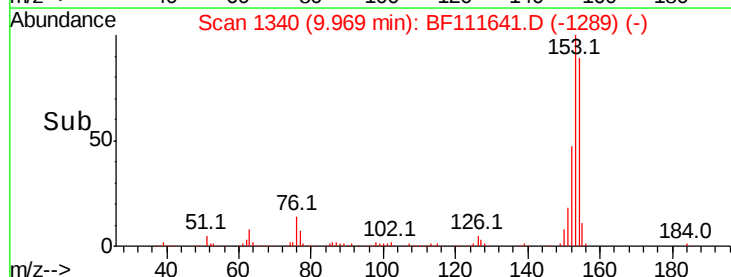
Tgt Ion:	154	Resp:	960584
Ion Ratio	Lower	Upper	
154	100		
153	111.9	87.8	131.8
152	53.4	43.4	65.2

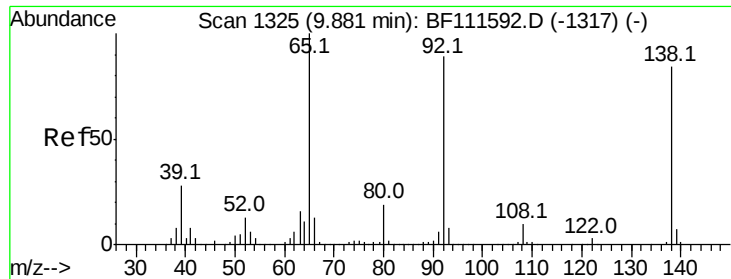


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





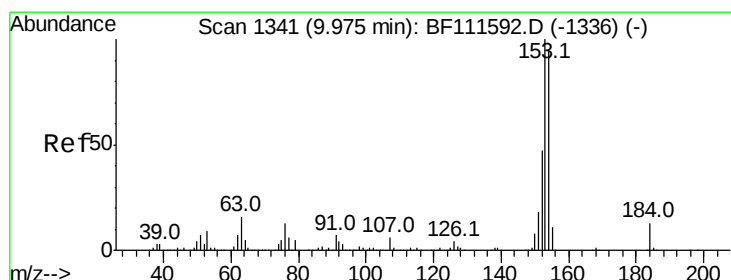
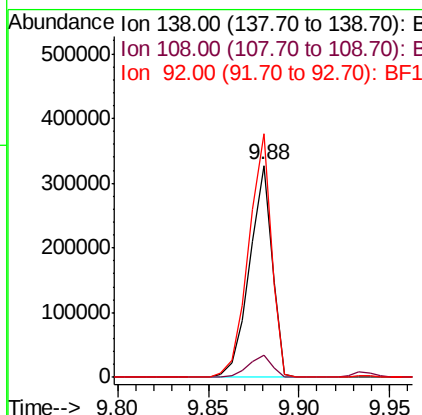
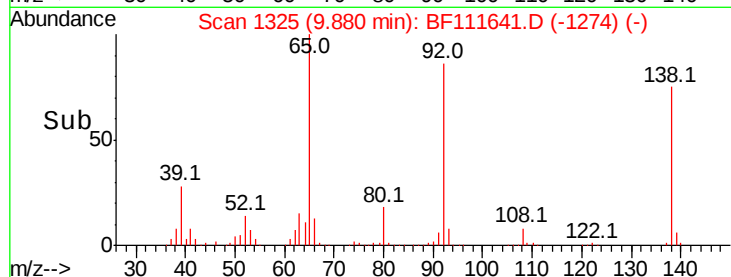
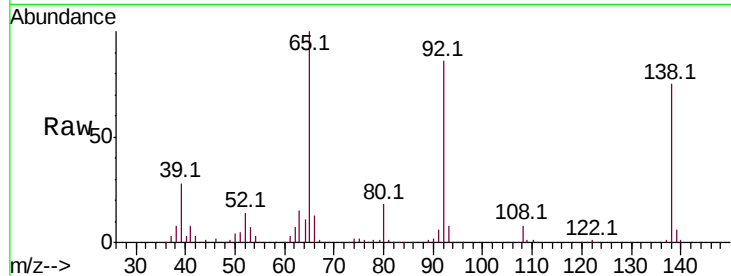
#53
3-Nitroaniline
Concen: 47.298 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.2	12.4
92	114.8	93.4	140.2

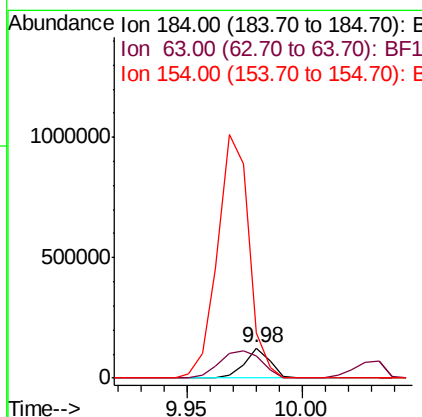
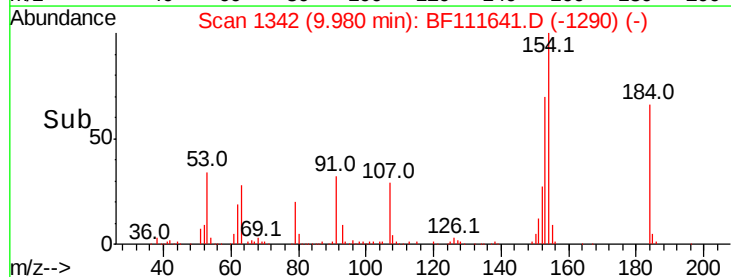
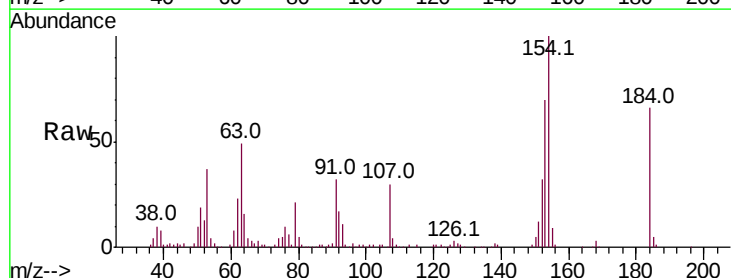
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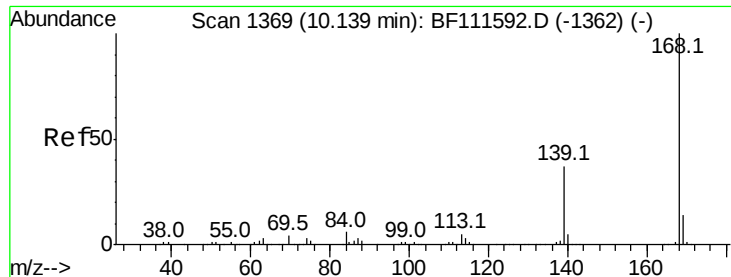
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#54
2,4-Dinitrophenol
Concen: 54.826 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.1	62.3	93.5
154	152.5	56.2	84.2#





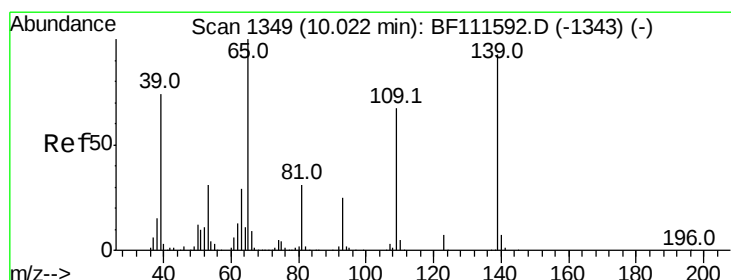
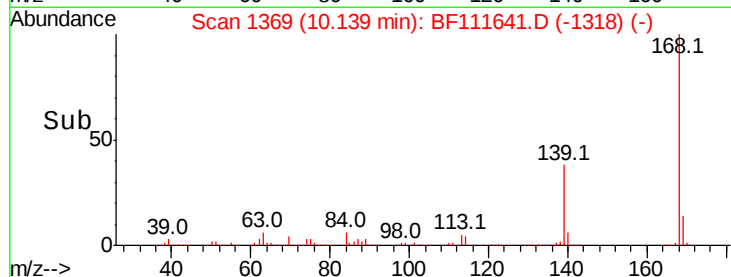
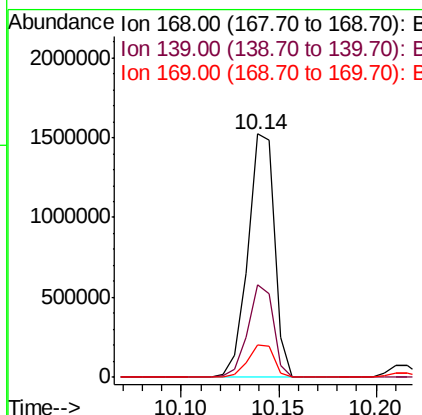
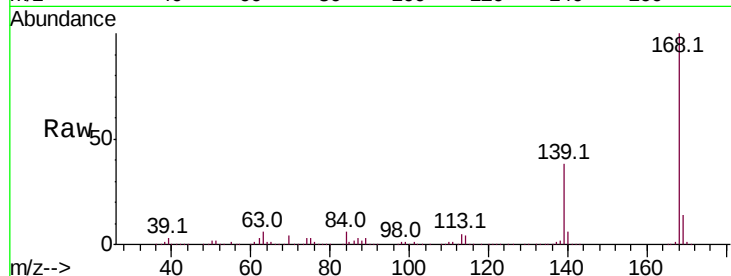
#55
Dibenzofuran
Concen: 40.734 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1436919
Ion Ratio Lower Upper
168 100
139 37.8 32.6 49.0
169 13.6 11.8 17.6

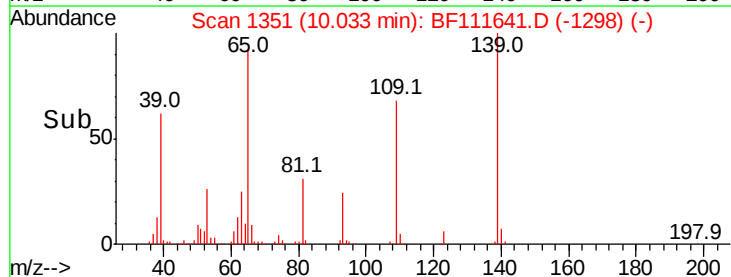
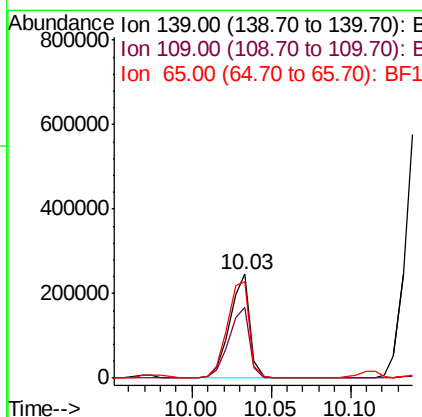
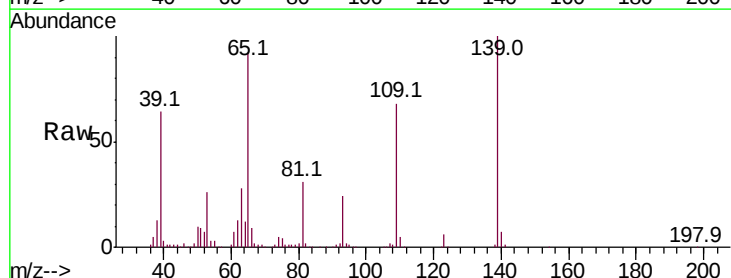
Manual Integrations
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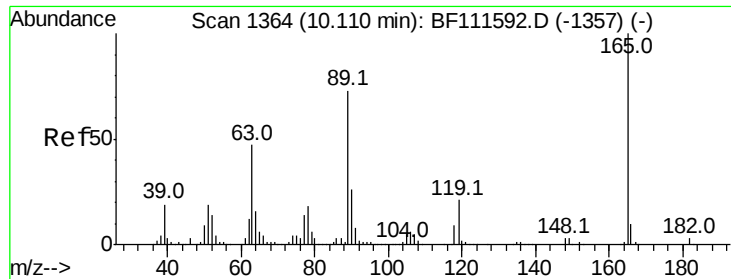
Sohil
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#56
4-Nitrophenol
Concen: 47.186 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion:139 Resp: 217099
Ion Ratio Lower Upper
139 100
109 68.2 41.8 81.8
65 92.3 79.6 119.6





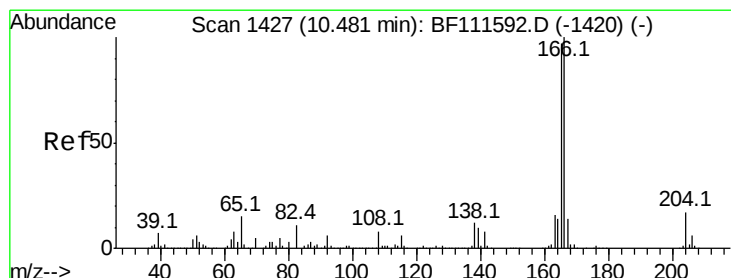
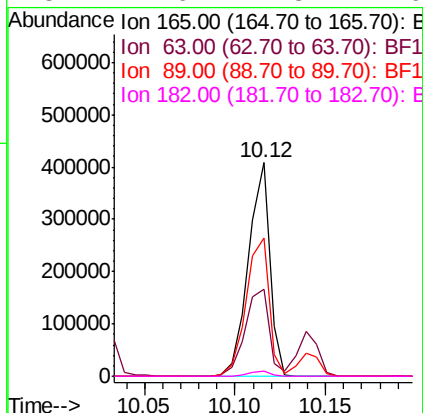
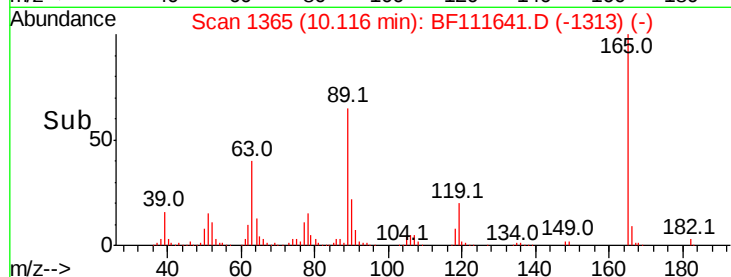
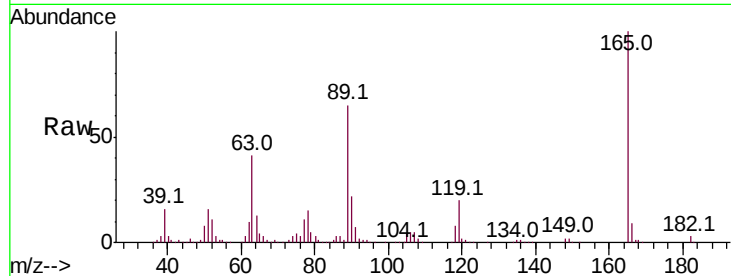
#57
2,4-Dinitrotoluene
Concen: 49.506 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	34.6	52.0
89	64.6	56.2	84.4
182	2.6	1.8	2.6

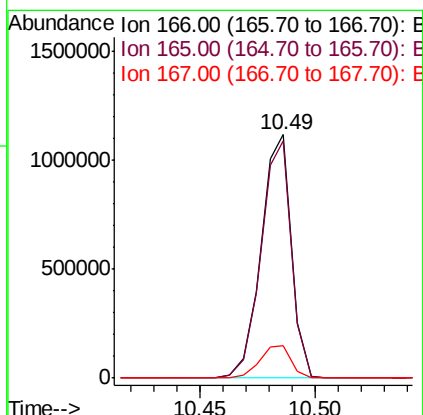
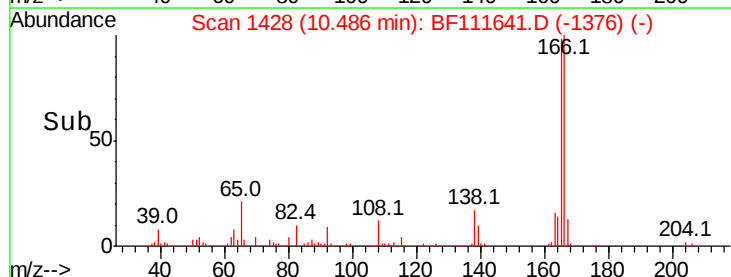
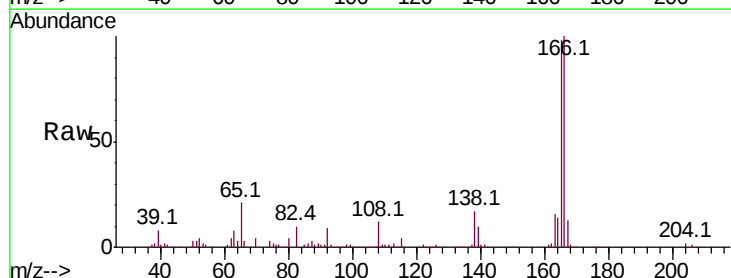
Manual Integrations
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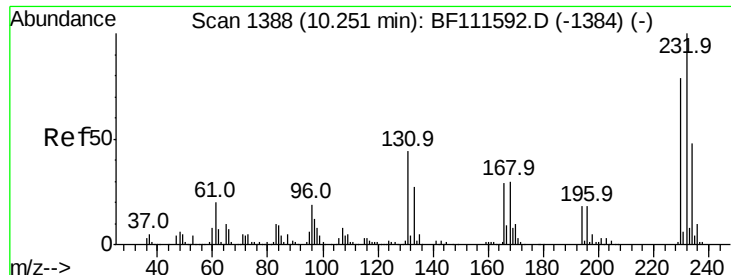
Sohil
12/21/2018 2:46:41 PM



#58
Fluorene
Concen: 40.081 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.2	11.2	16.8





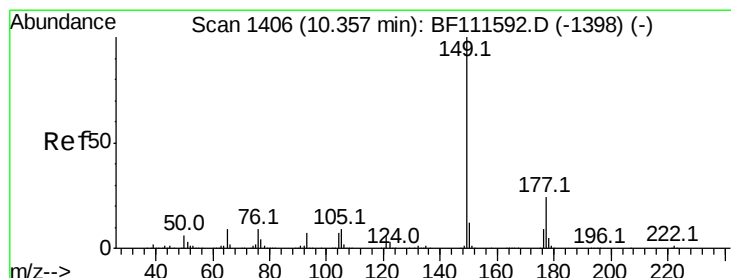
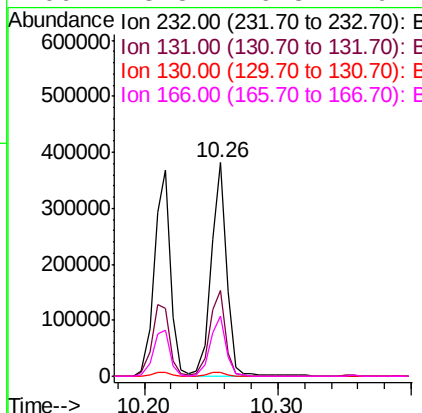
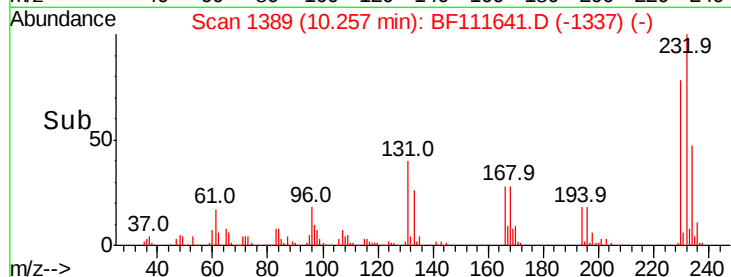
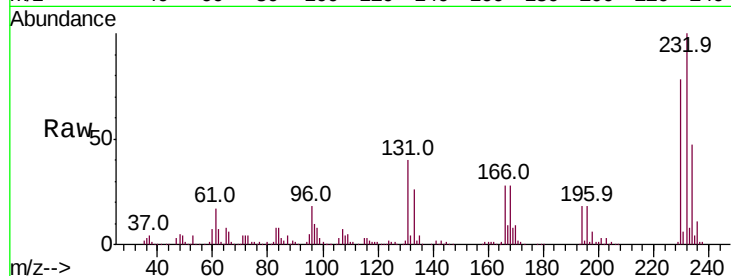
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.055 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	40.9	61.3
130	2.1	2.0	3.0
166	28.8	26.8	40.2

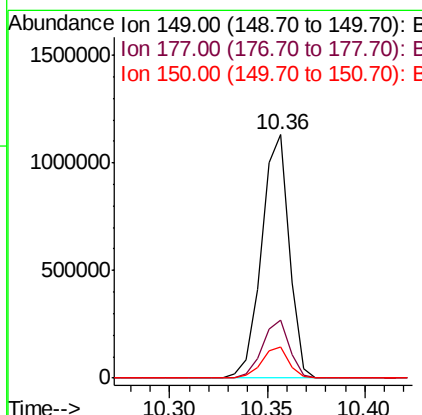
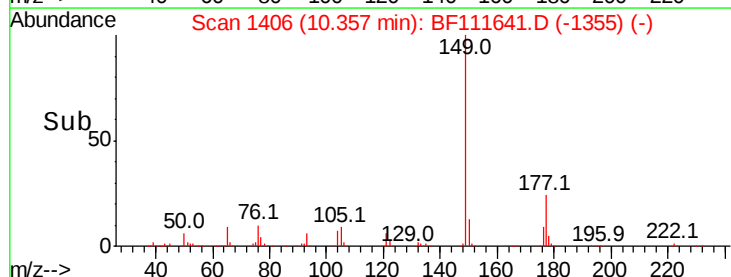
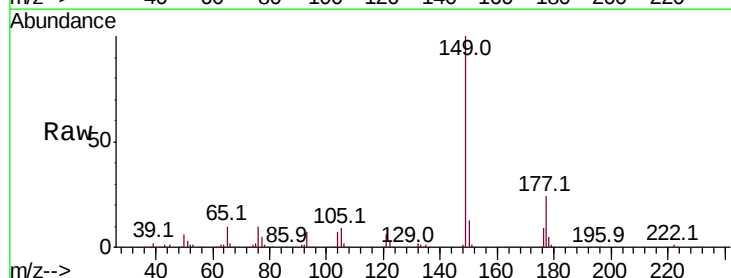
Manual Integrations
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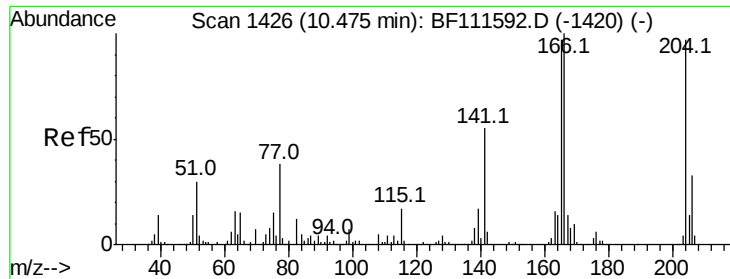
Sohil
 12/21/2018 2:46:41 PM



#60
 Diethylphthalate
 Concen: 39.822 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.8	10.6	15.8





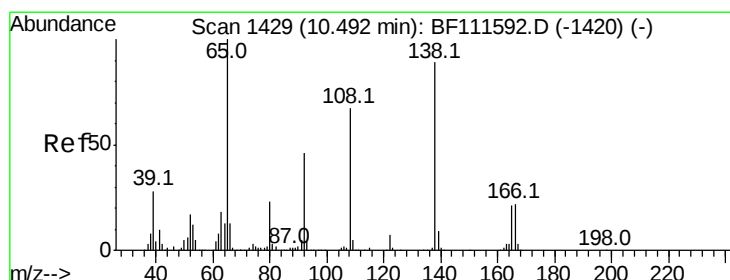
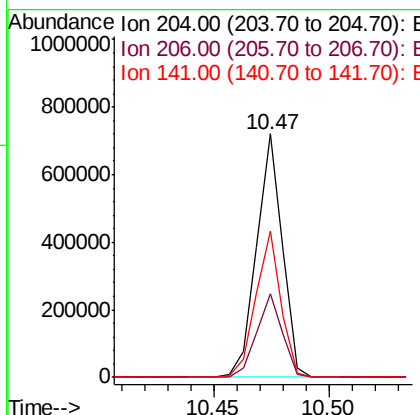
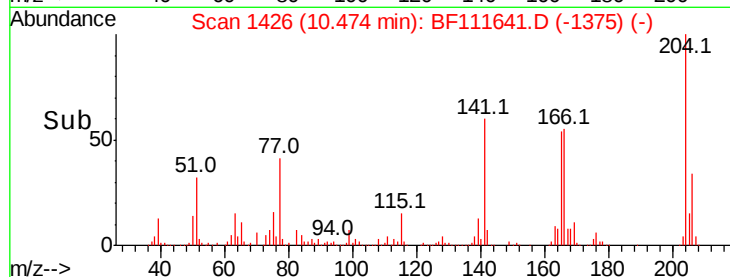
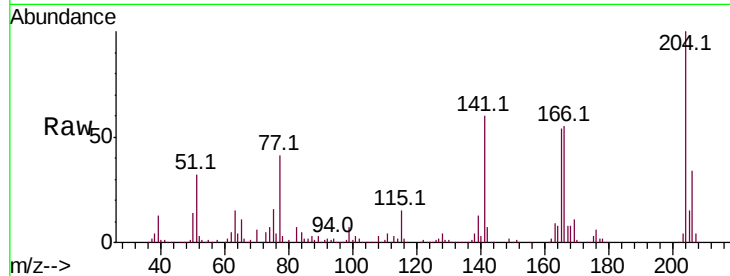
#61
 4-Chlorophenyl-phenylether
 Concen: 39.931 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	60.2	52.6	78.8

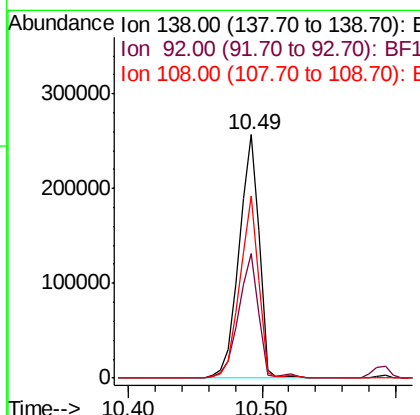
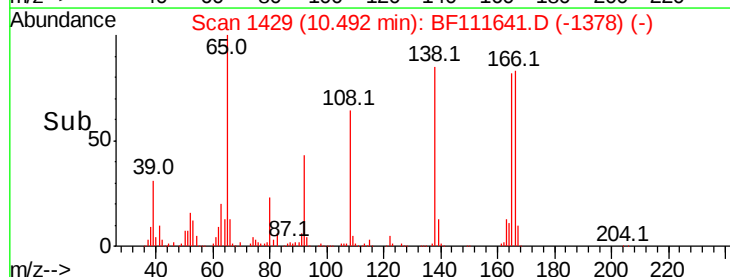
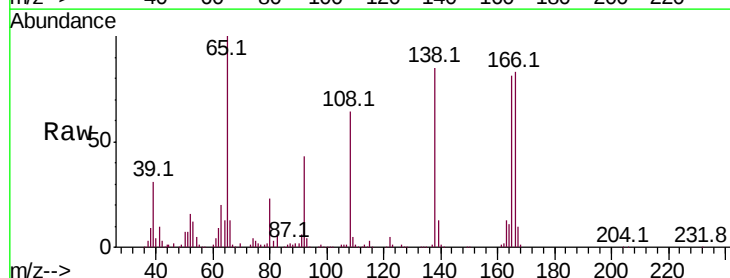
Manual Integrations
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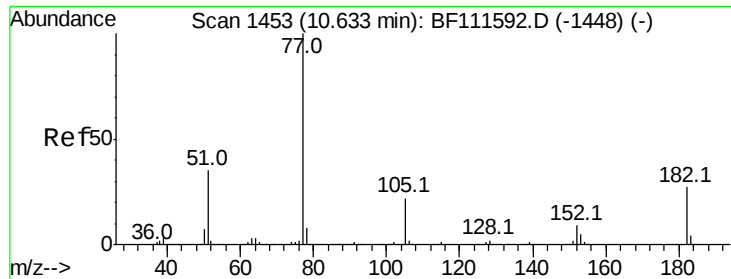
Sohil
 12/21/2018 2:46:41 PM



#62
 4-Nitroaniline
 Concen: 45.886 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.9	69.9
108	75.1	43.2	83.2





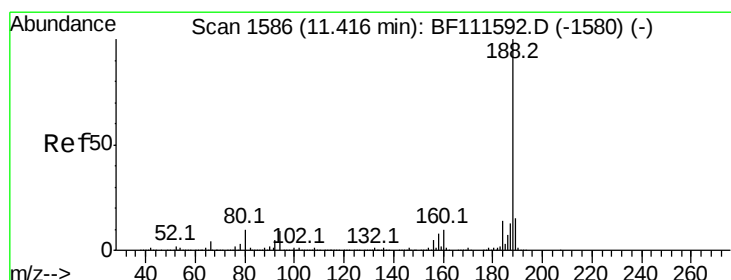
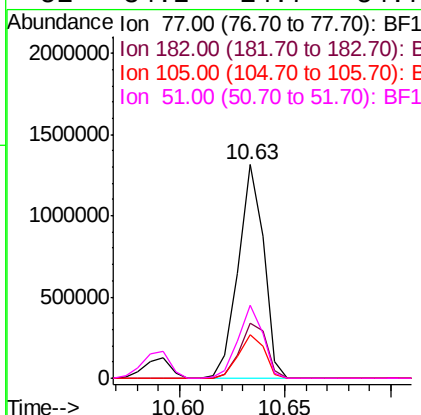
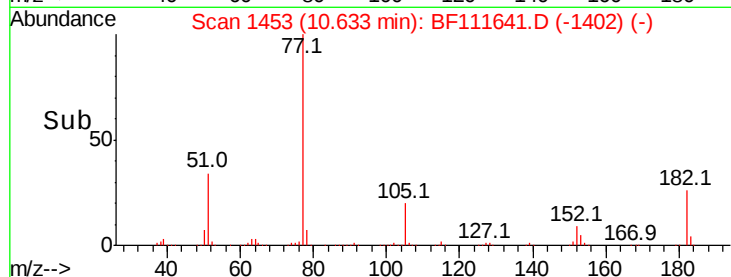
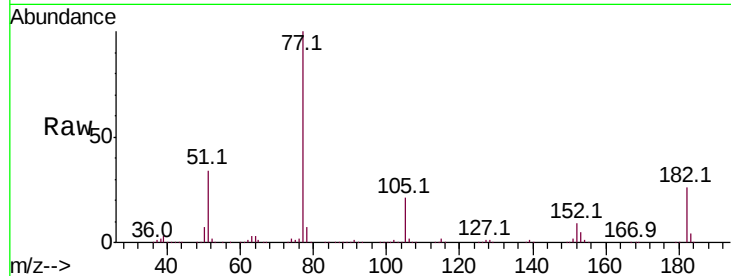
#63
Azobenzene
Concen: 39.356 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.9	44.9
105	20.6	6.0	46.0
51	34.2	14.7	54.7

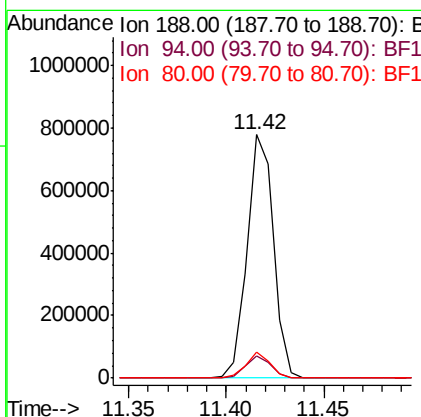
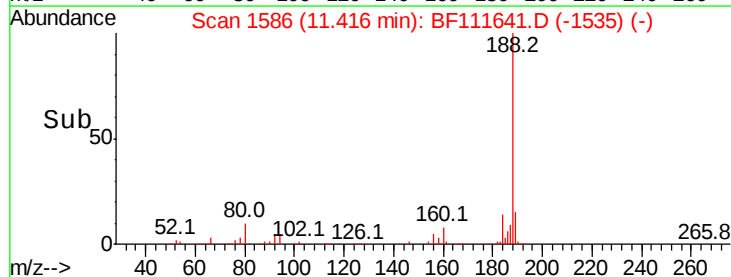
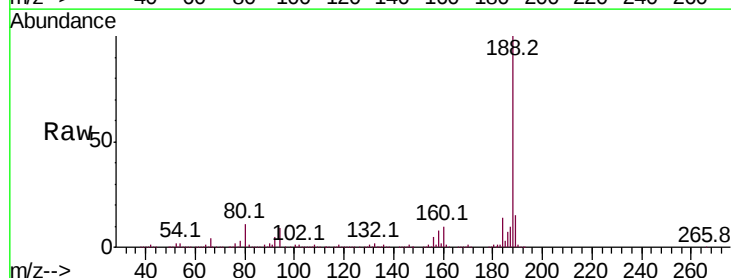
Manual Integrations
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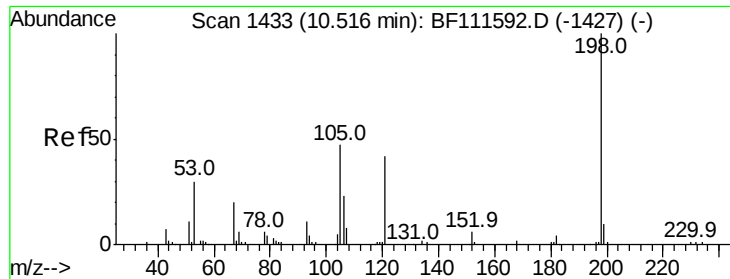
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.6	14.4#
80	10.7	9.8	14.6





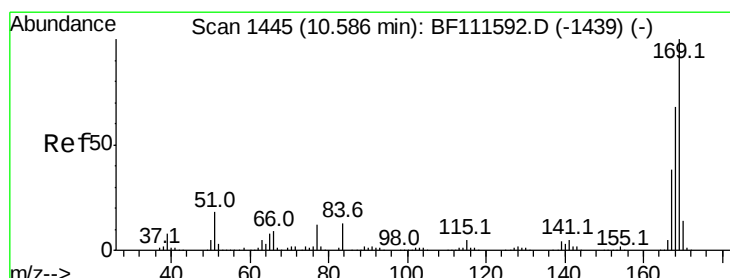
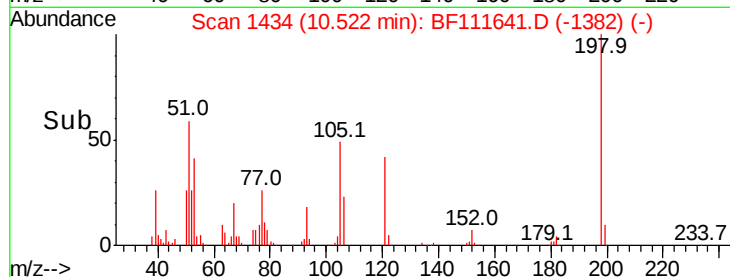
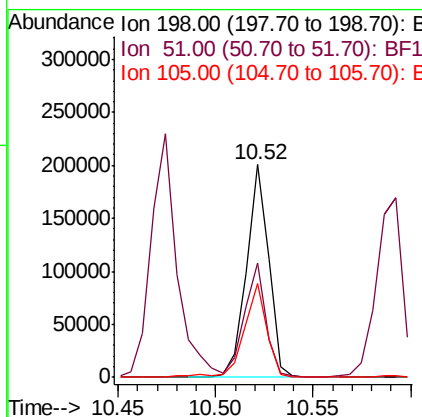
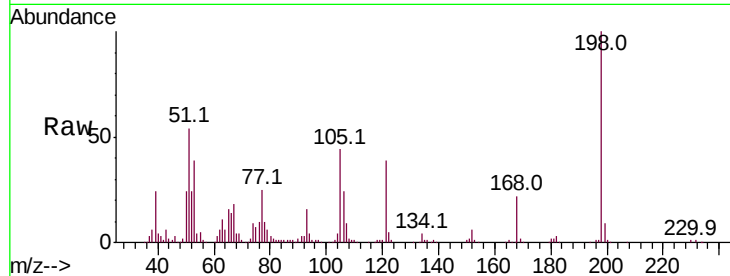
#65
4,6-Dinitro-2-methylphenol
Concen: 51.916 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.7	48.0	88.0
105	43.9	34.0	74.0

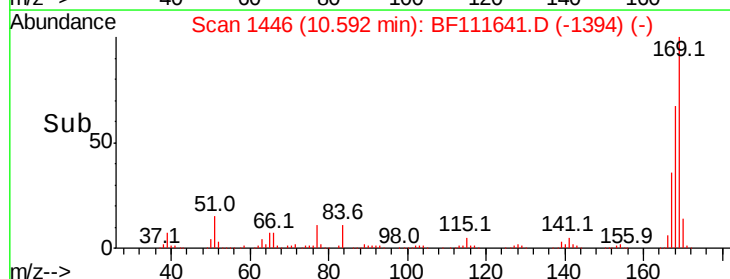
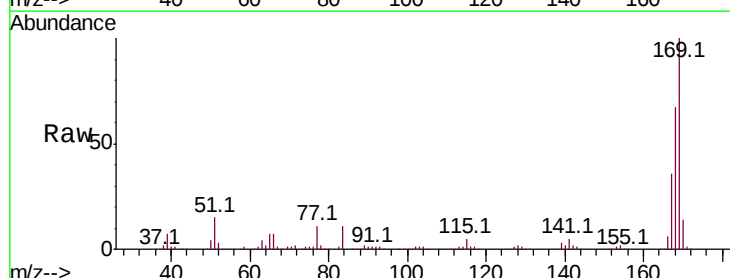
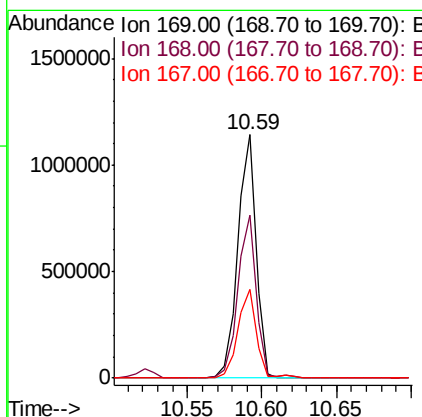
Manual Integrations
APPROVED

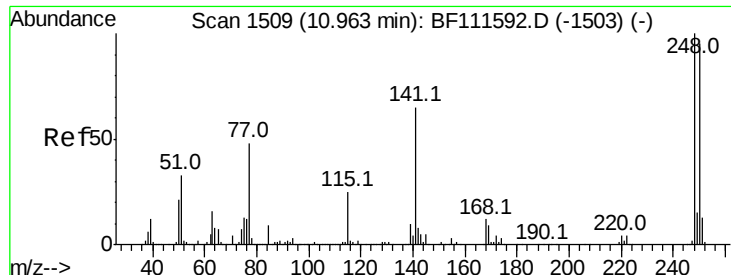
Sohil
12/21/2018 2:46:41 PM



#66
n-Nitrosodiphenylamine
Concen: 40.469 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	36.4	30.5	45.7





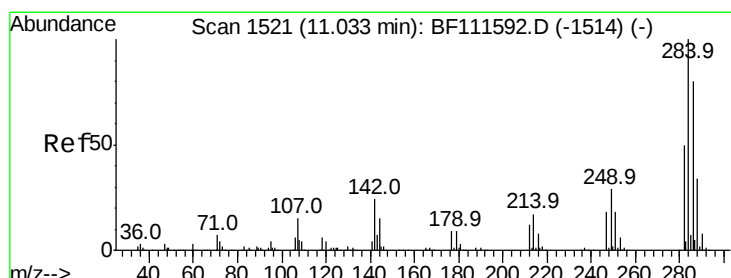
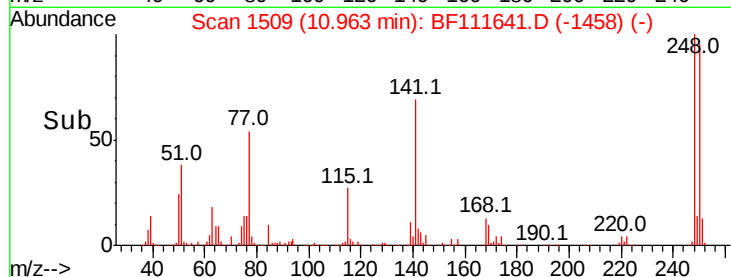
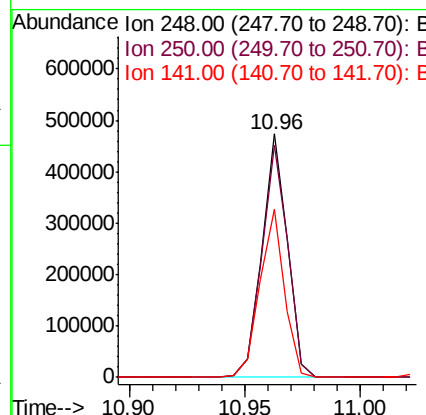
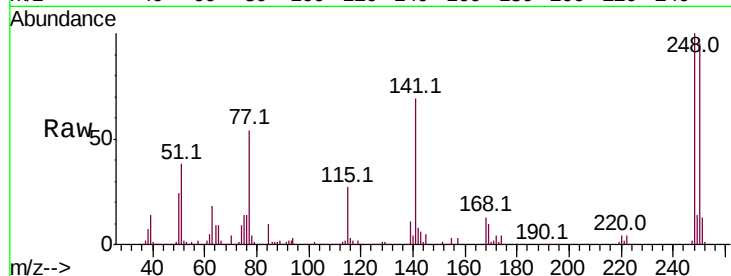
#67
4-Bromophenyl-phenylether
Concen: 40.327 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.0	115.4
141	69.3	63.0	94.6

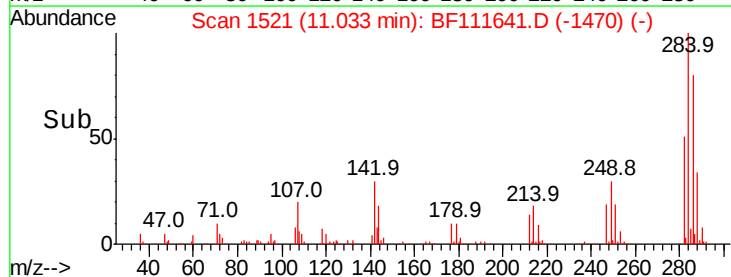
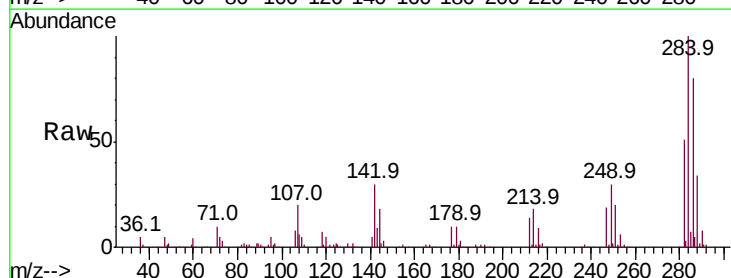
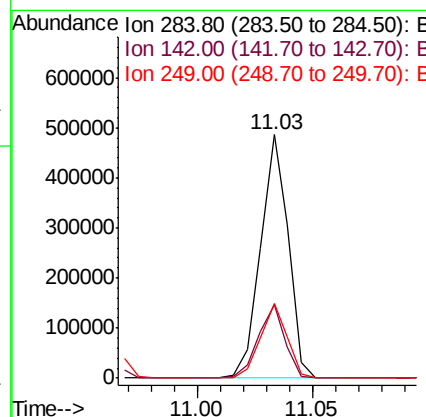
Manual Integrations
APPROVED

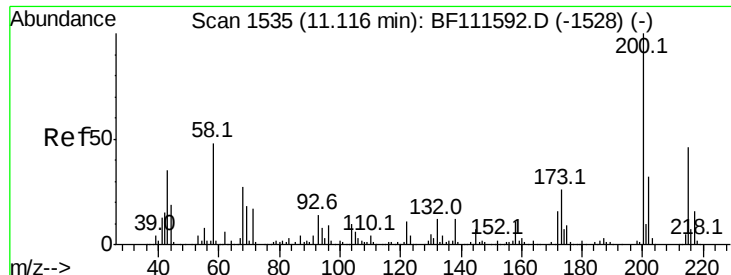
Sohil
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#68
Hexachlorobenzene
Concen: 40.393 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	27.4	41.2
249	30.5	24.4	36.6





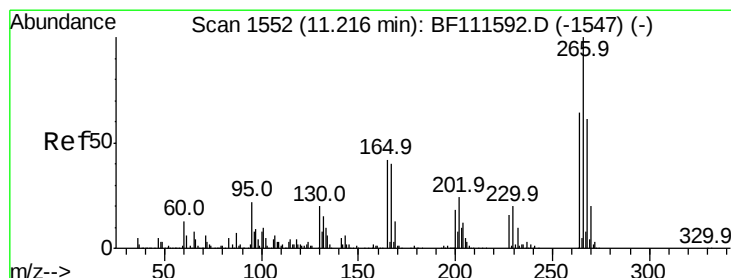
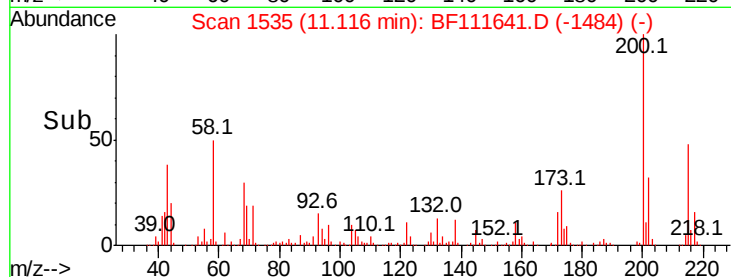
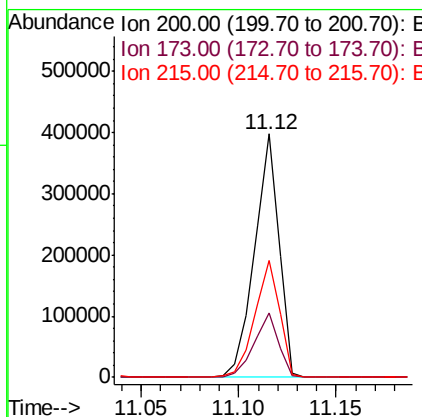
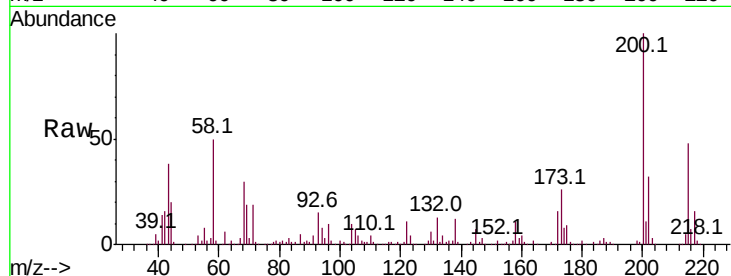
#69
Atrazine
Concen: 40.790 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	10.1	50.1
215	47.8	26.9	66.9

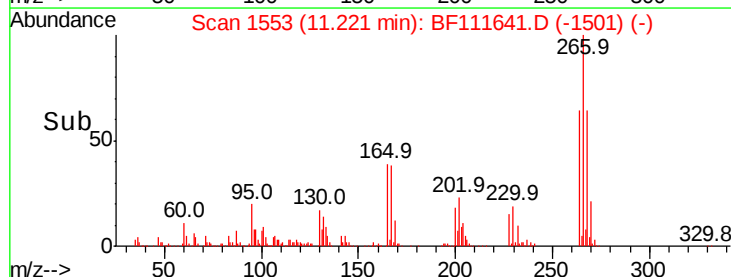
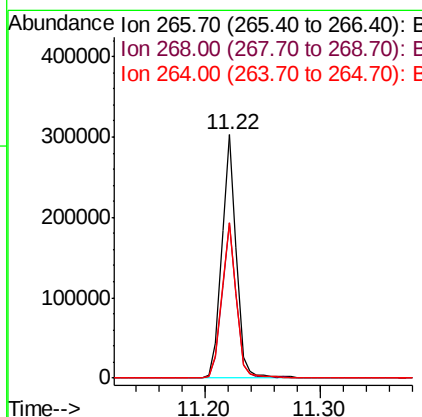
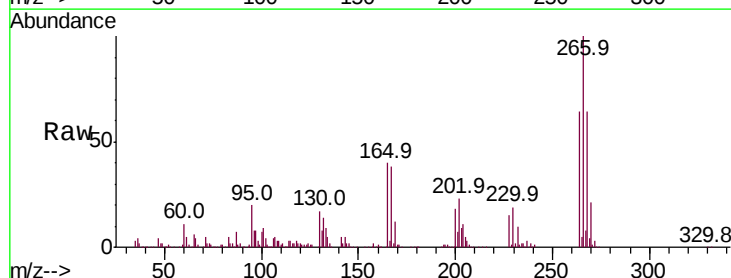
Manual Integrations
APPROVED

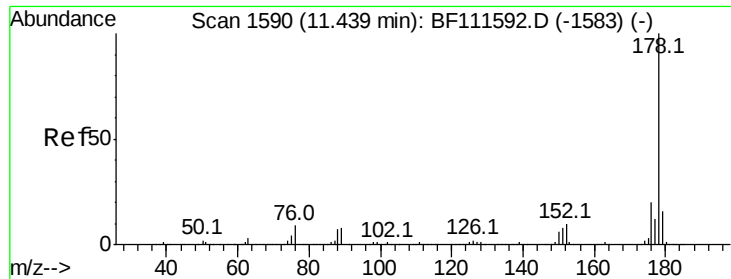
Sohil
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#70
Pentachlorophenol
Concen: 42.927 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	47.9	71.9
264	64.0	49.1	73.7





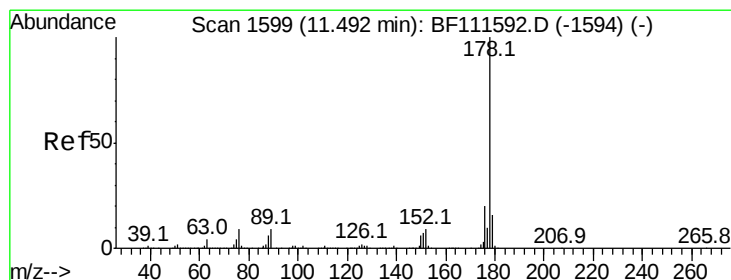
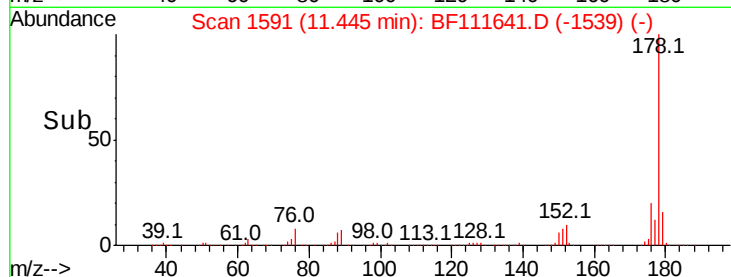
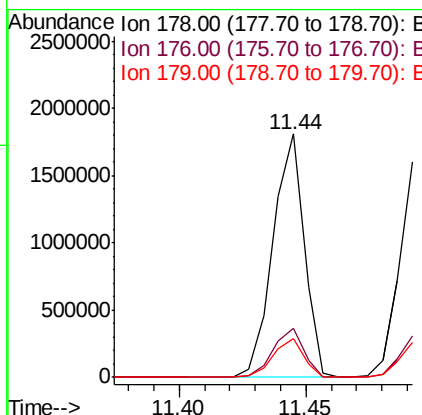
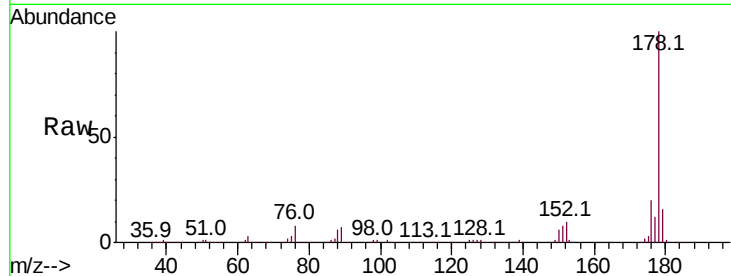
#71
Phenanthrene
Concen: 40.250 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1551259
Ion Ratio Lower Upper
178 100
176 20.0 18.1 27.1
179 16.0 14.0 21.0

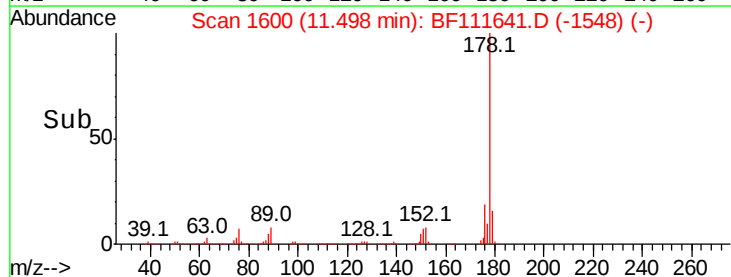
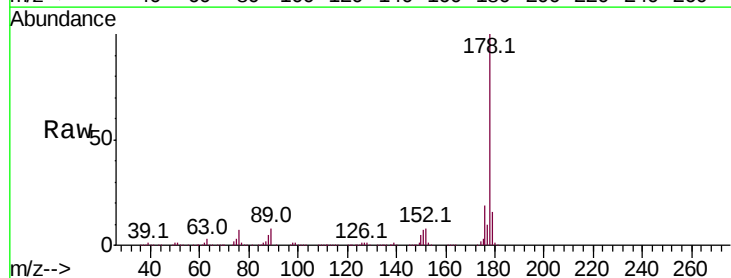
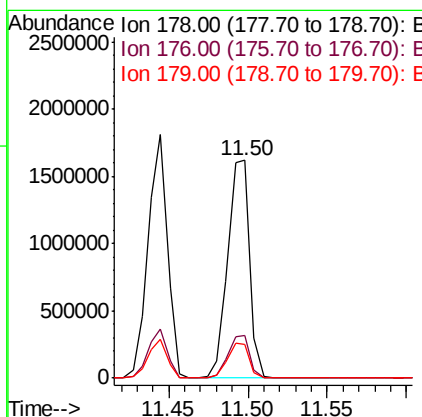
Manual Integrations
APPROVED

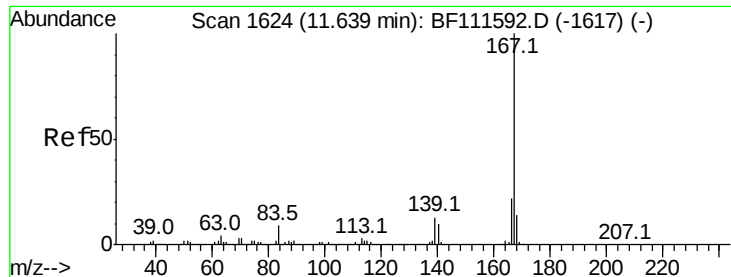
Sohil
12/21/2018 2:46:41 PM



#72
Anthracene
Concen: 40.100 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion:178 Resp: 1551286
Ion Ratio Lower Upper
178 100
176 19.3 17.2 25.8
179 15.7 13.8 20.8





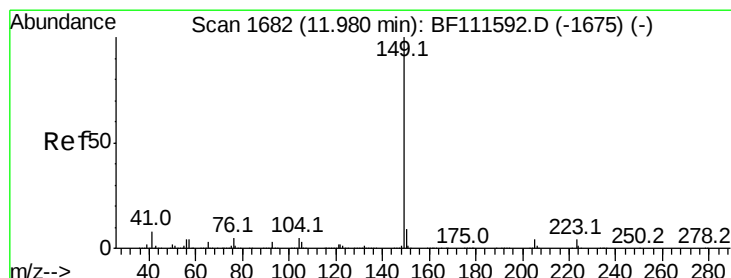
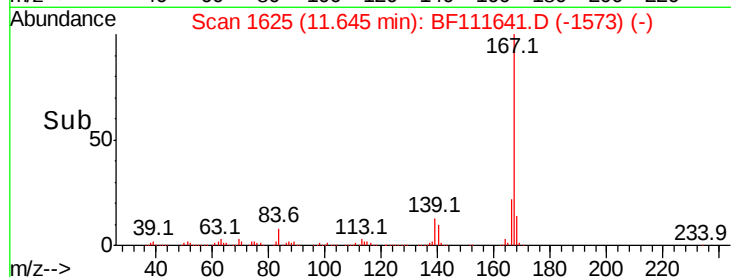
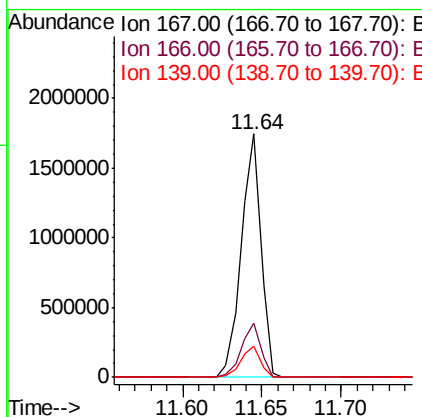
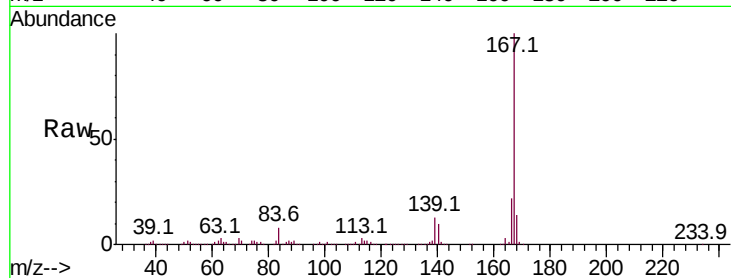
#73
 Carbazole
 Concen: 40.035 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	12.7	11.9	17.9

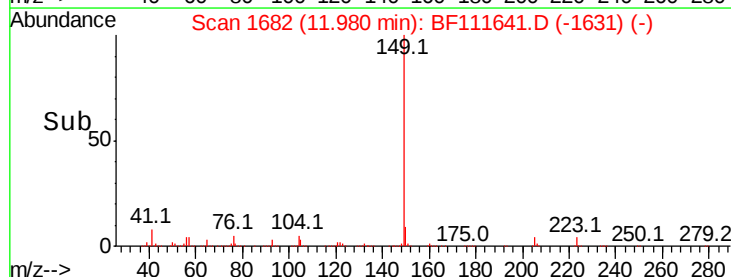
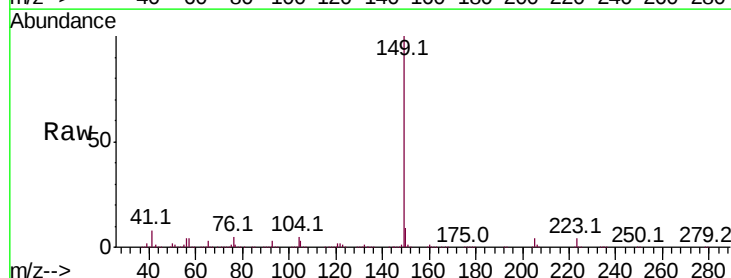
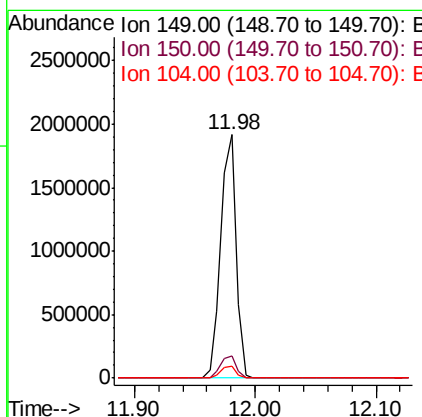
Manual Integrations
 APPROVED

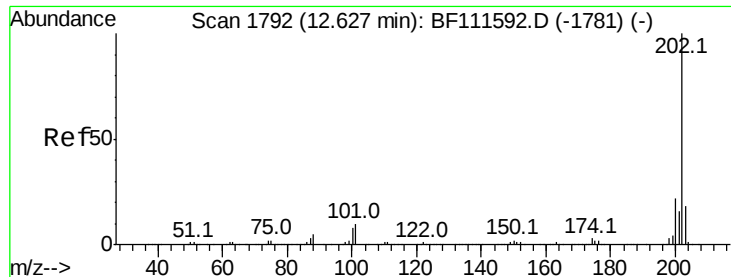
Sohil
 12/21/2018 2:46:41 PM



#74
 Di-n-butylphthalate
 Concen: 39.820 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.7	4.5	6.7





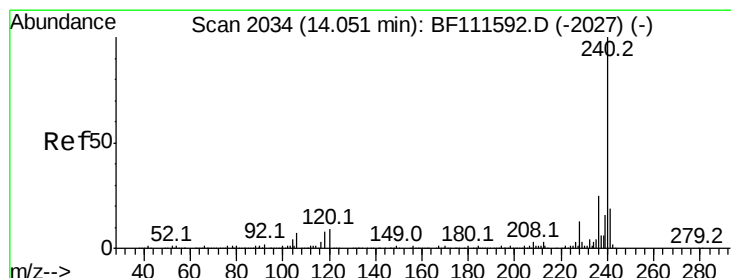
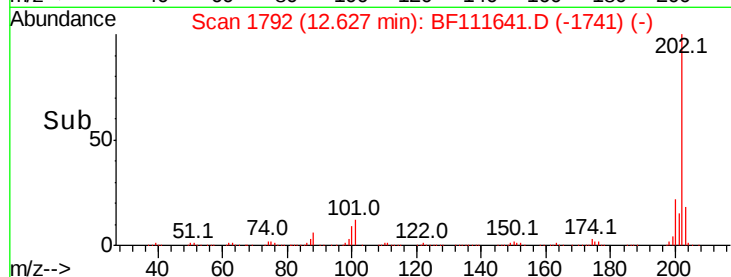
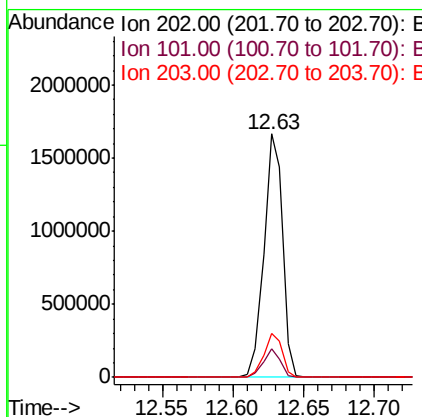
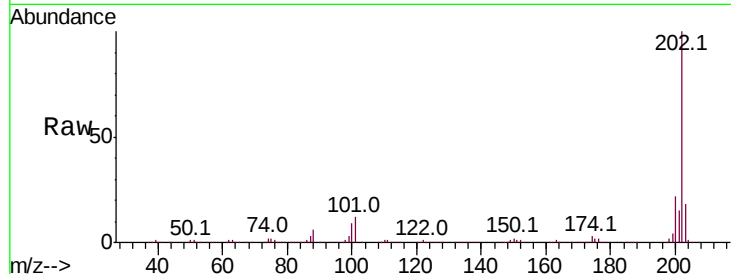
#75
Fluoranthene
 Concen: 39.975 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.8
203	18.2	0.0	38.6

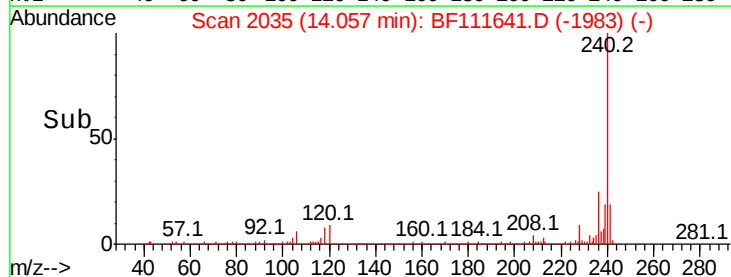
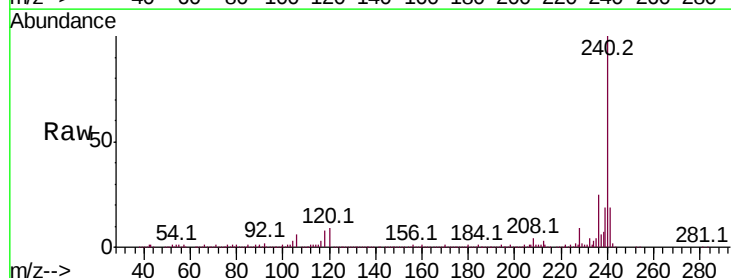
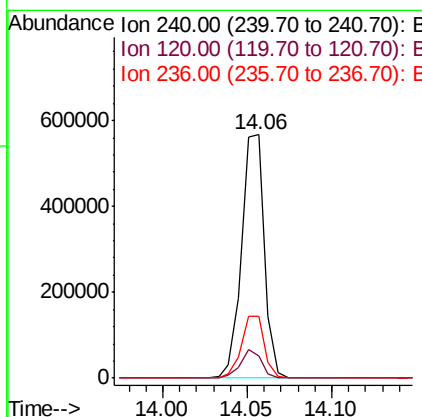
Manual Integrations
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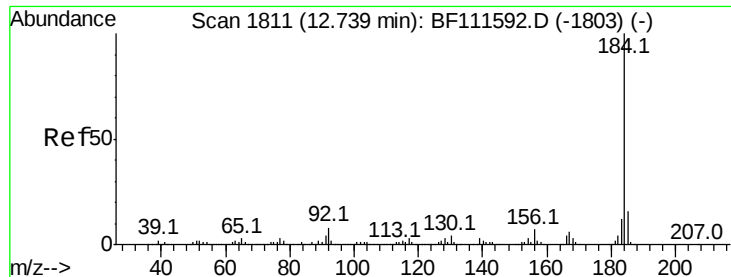
Sohil
 12/21/2018 2:46:41 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	12.2	18.2#
236	25.5	20.2	30.2





#77

Benzidine

Concen: 38.055 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 765558

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

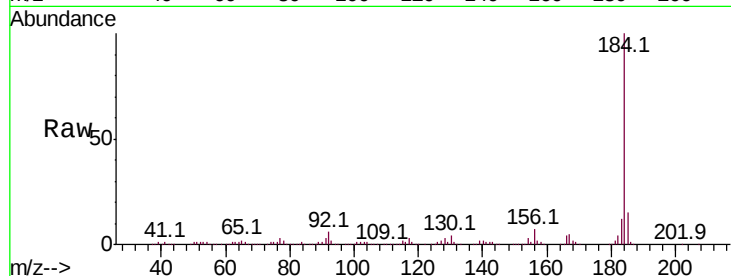
183 11.9 9.3 13.9

Manual Integrations

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Sohil

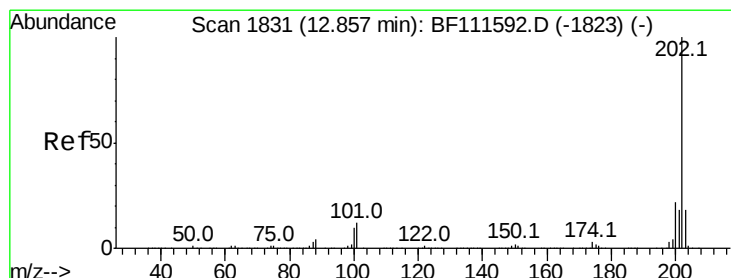
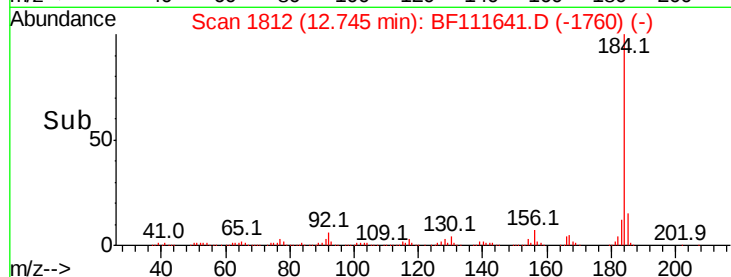
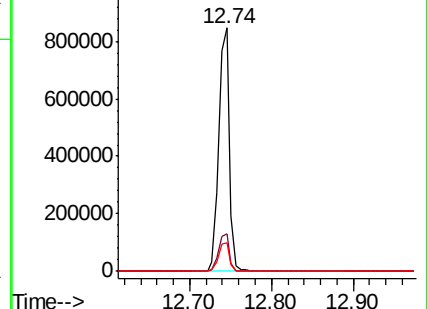
12/21/2018 2:46:41 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.307 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

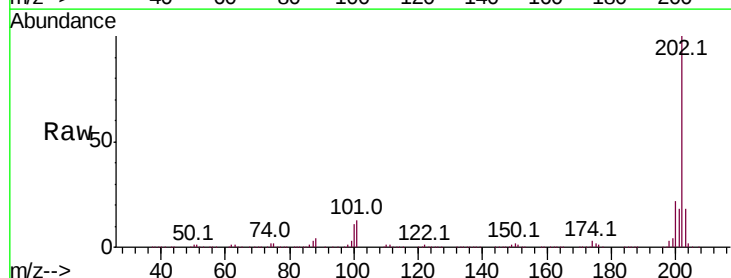
Tgt Ion:202 Resp: 1597230

Ion Ratio Lower Upper

202 100

200 21.8 19.0 28.4

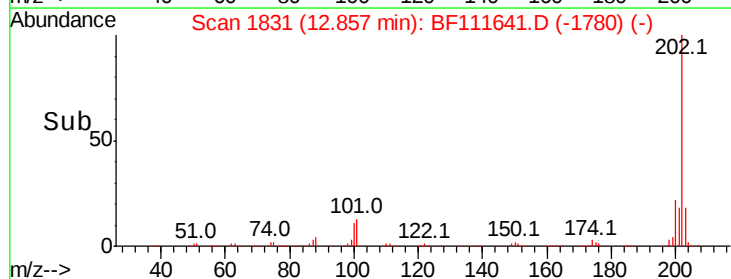
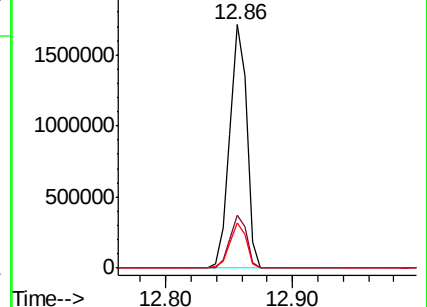
203 18.4 15.2 22.8

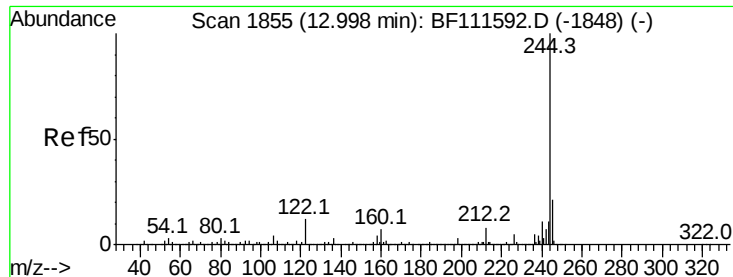


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





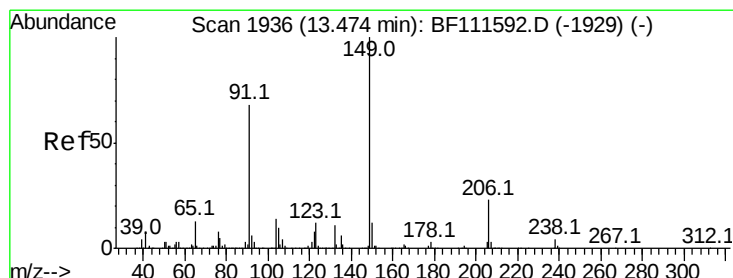
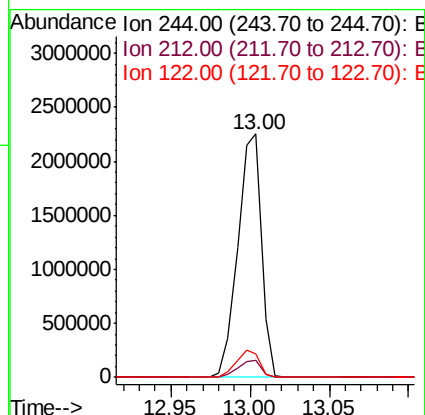
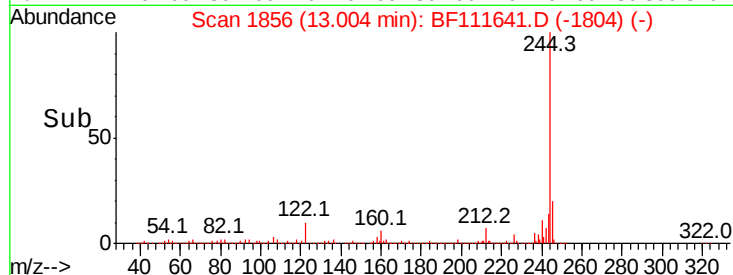
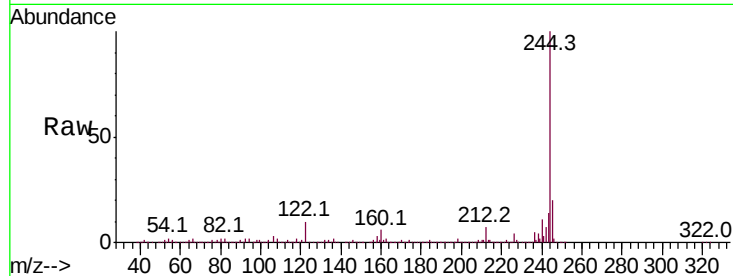
#79
 Terphenyl-d14
 Concen: 82.153 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.8	13.1	19.7

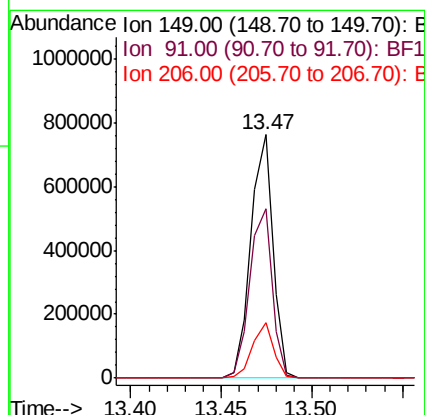
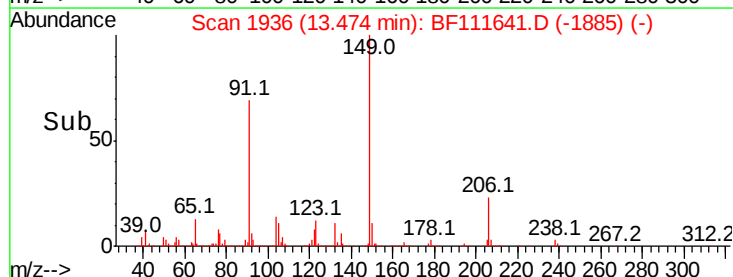
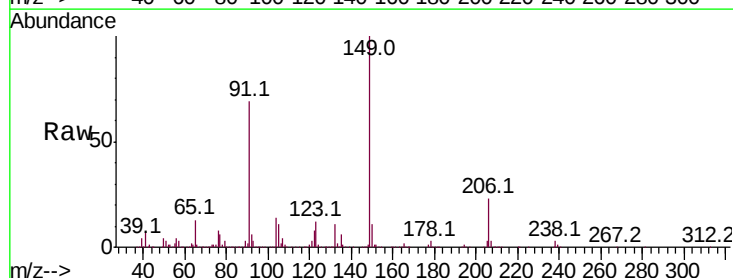
Manual Integrations
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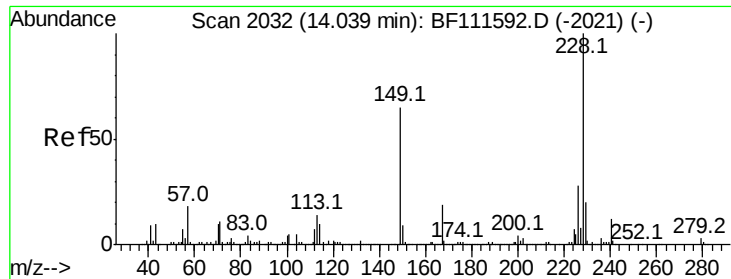
Sohil
 12/21/2018 2:46:41 PM



#80
 Butylbenzylphthalate
 Concen: 42.177 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	63.8	95.6
206	22.7	15.1	22.7





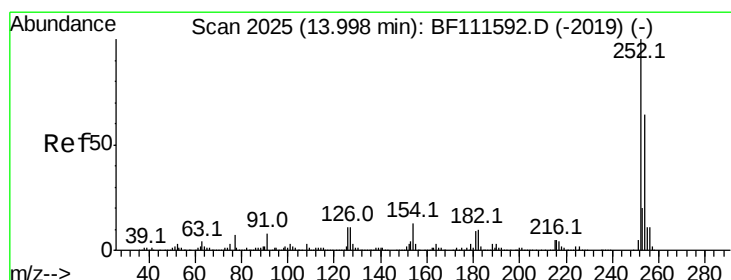
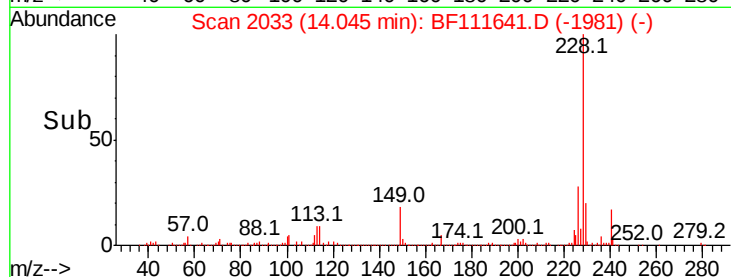
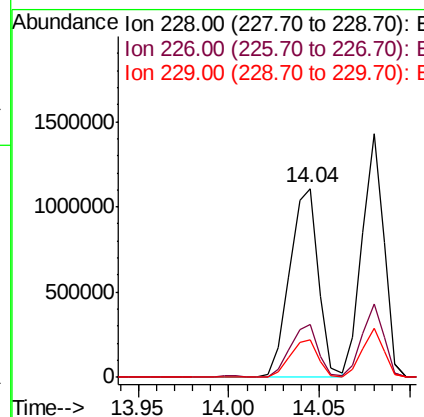
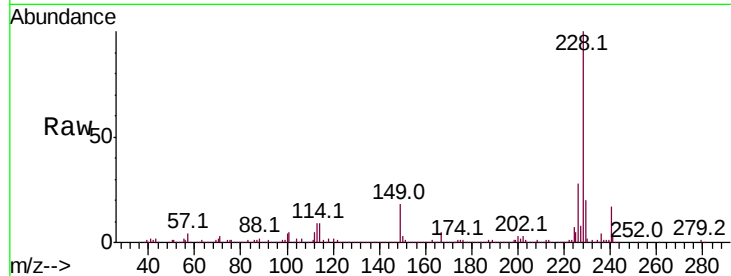
#81
Benzo(a)anthracene
Concen: 40.364 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.1	16.3	24.5

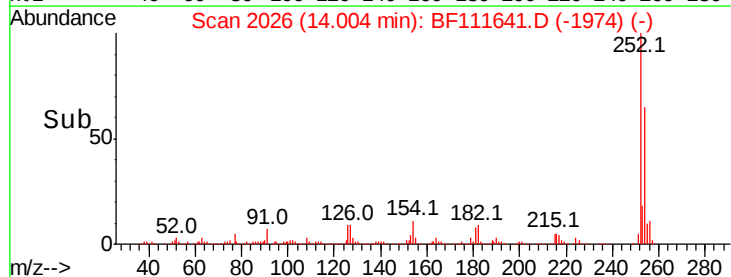
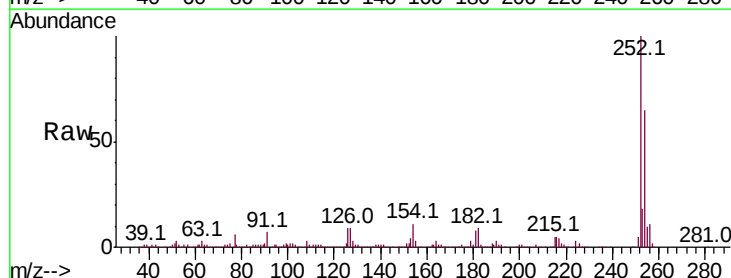
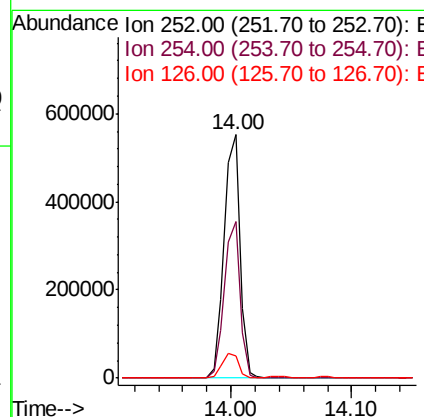
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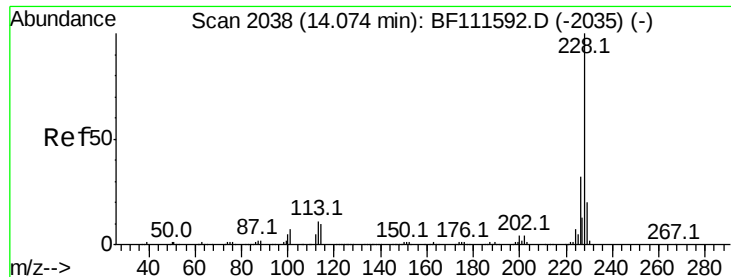
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 41.725 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.7	79.1
126	9.0	11.1	16.7





#83
 Chrysene
 Concen: 39.942 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

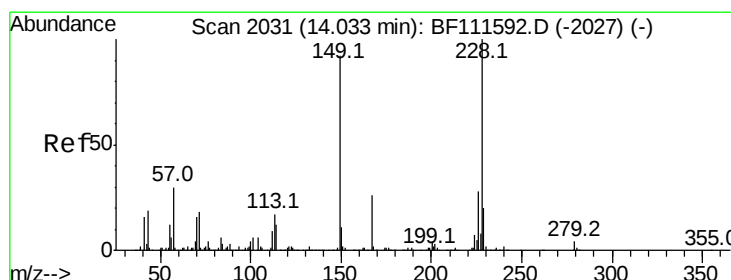
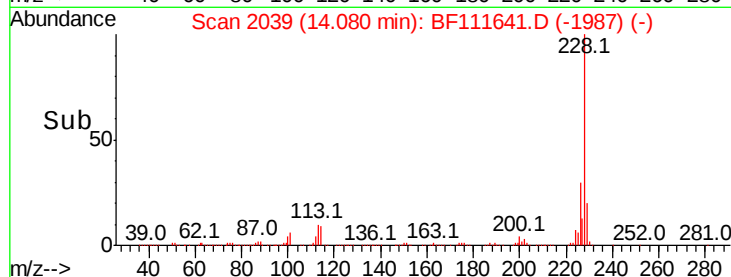
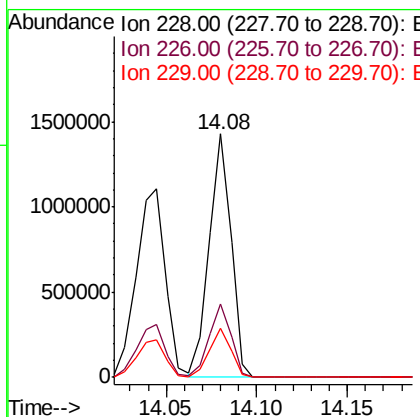
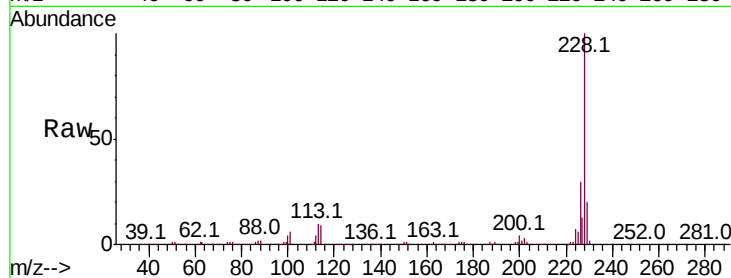
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1197740

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	20.4	17.2	25.8

Manual Integrations
 APPROVED

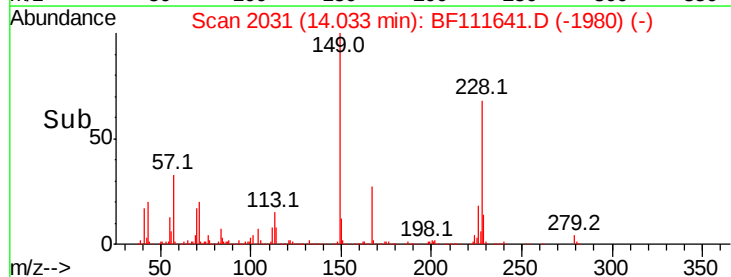
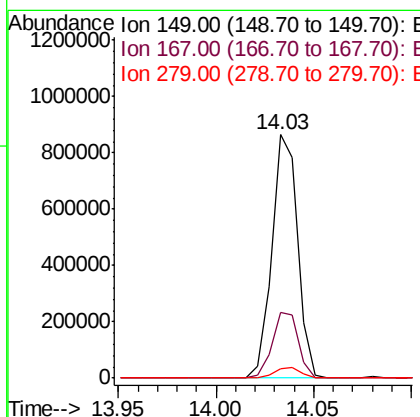
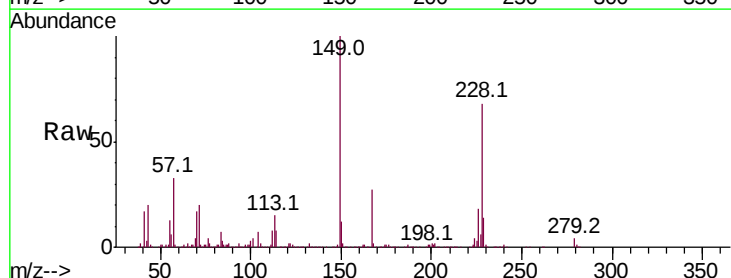
Sohil
 12/21/2018 2:46:41 PM

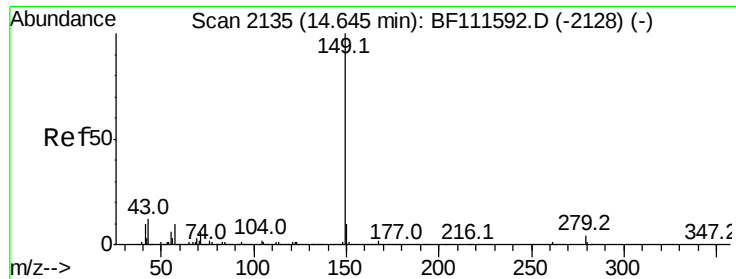


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.767 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111641.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:149 Resp: 790243

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	3.6	2.6	4.0





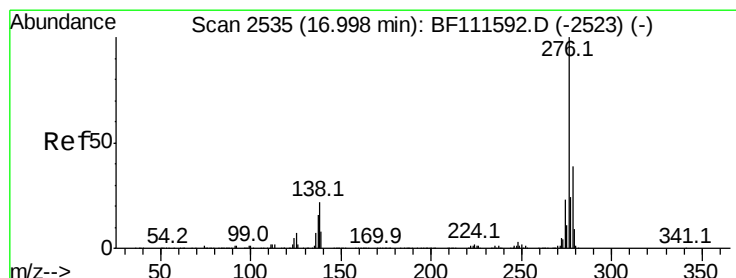
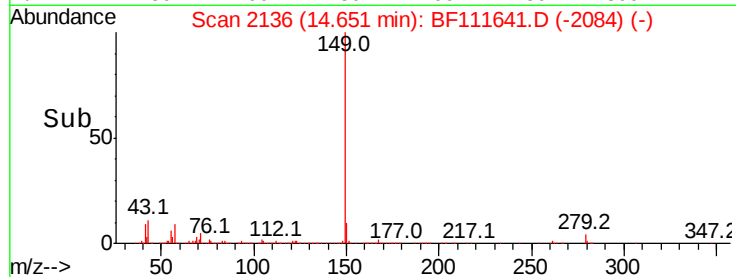
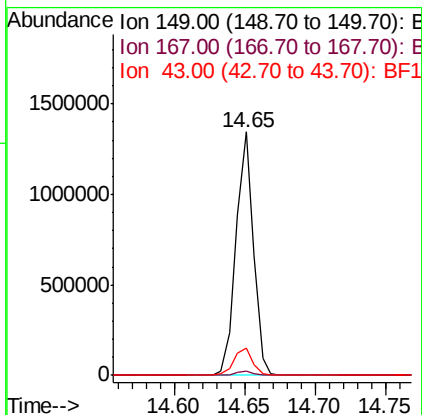
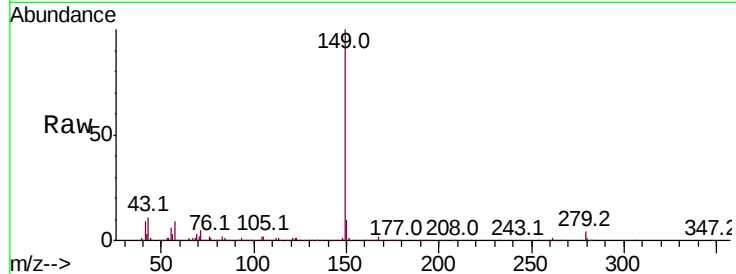
#85
Di-n-octyl phthalate
Concen: 38.324 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	10.9	16.3

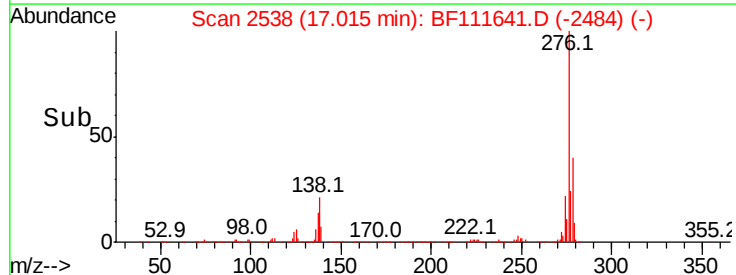
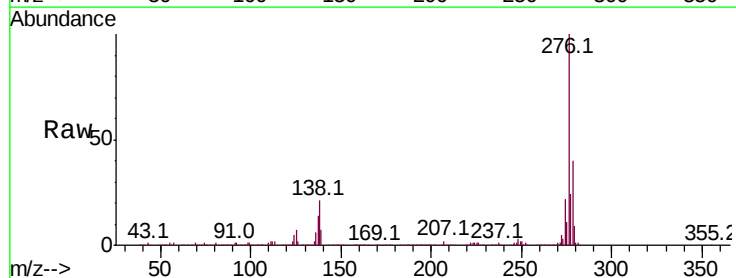
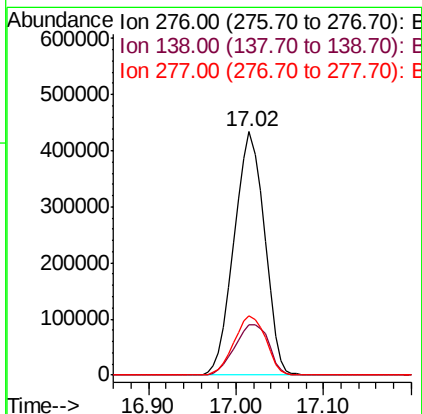
Manual Integrations
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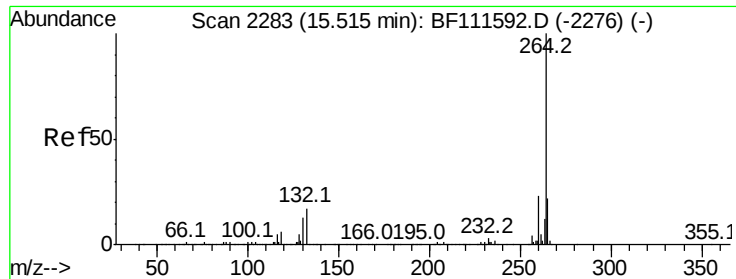
Sohil
12/21/2018 2:46:41 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.273 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	27.8	41.6#
277	25.4	20.1	30.1





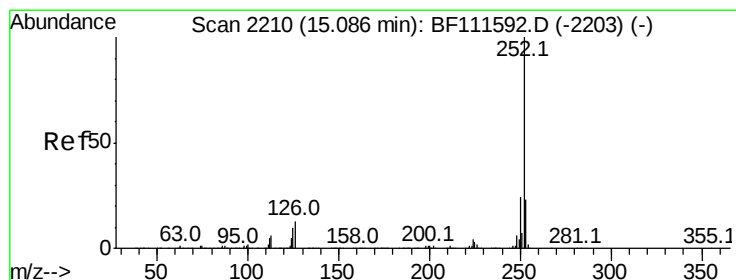
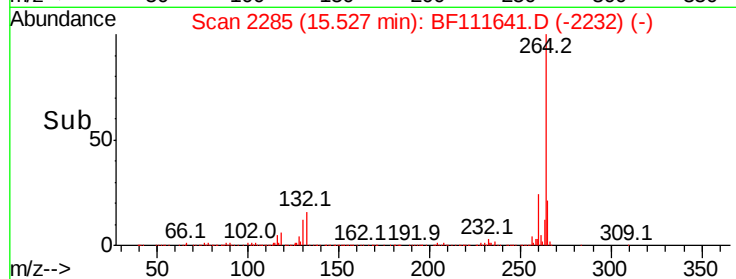
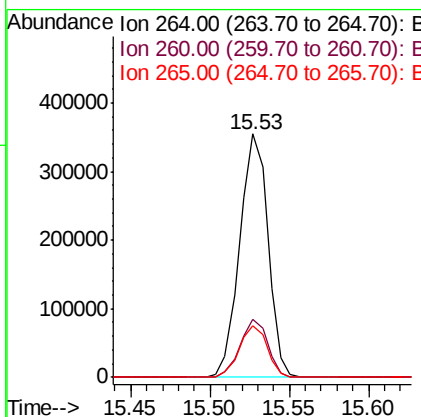
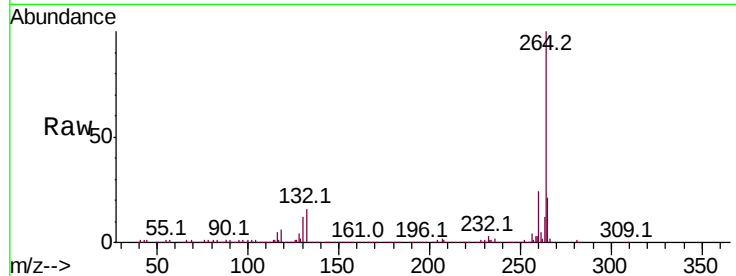
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.1	17.7	26.5

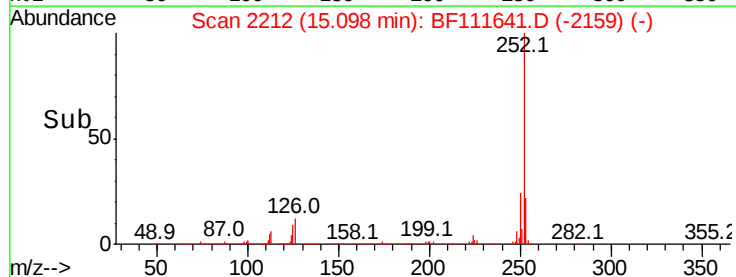
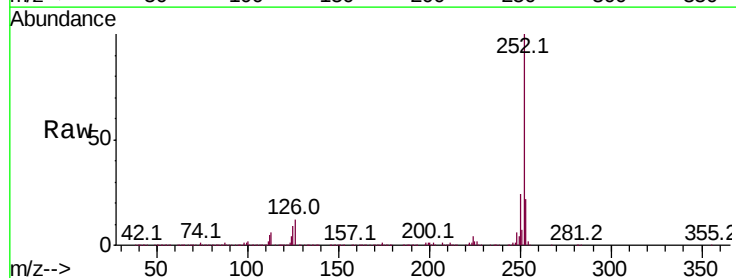
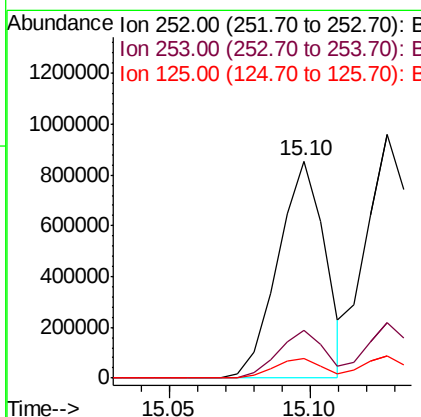
Manual Integrations
APPROVED

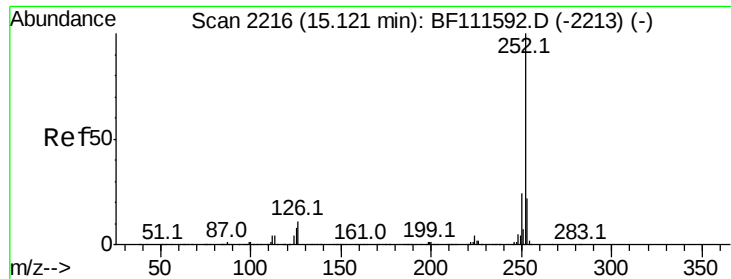
Sohil
12/21/2018 2:46:41 PM



#88
Benzo(b)fluoranthene
Concen: 38.601 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.2	10.4	15.6#





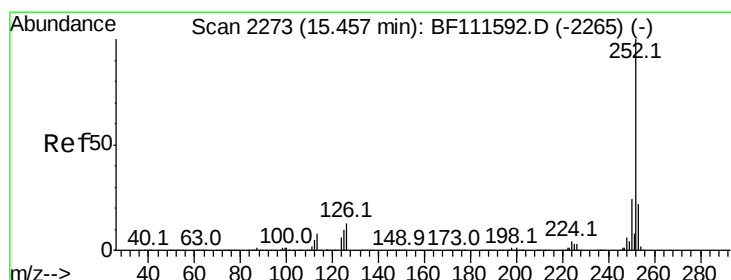
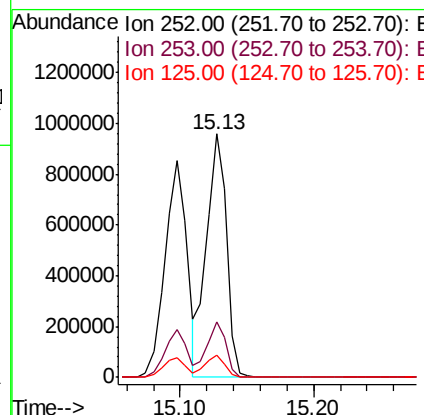
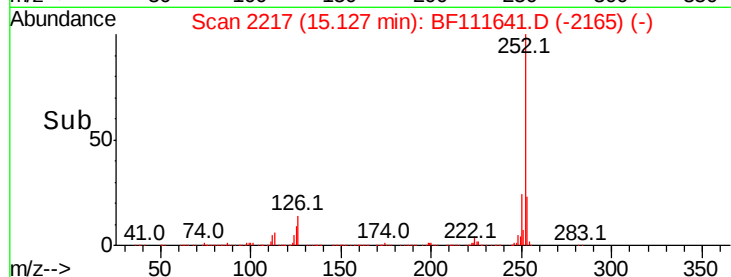
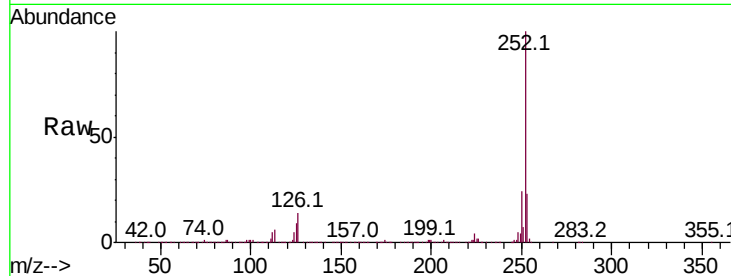
#89
Benzo(k)fluoranthene
Concen: 40.826 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.3	9.8	14.8

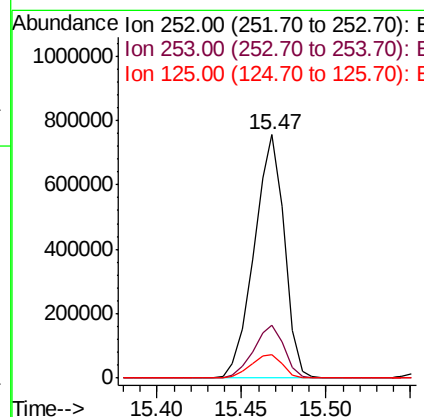
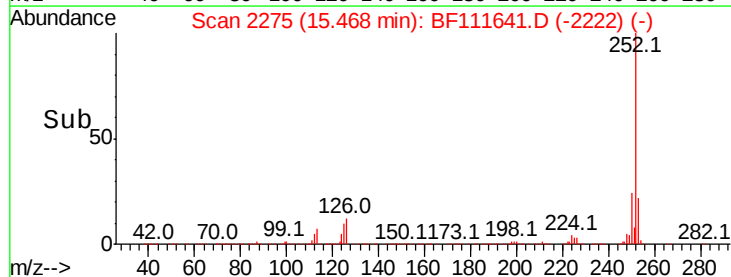
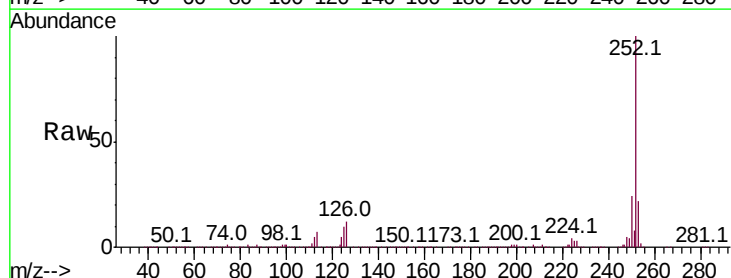
Manual Integrations
APPROVED

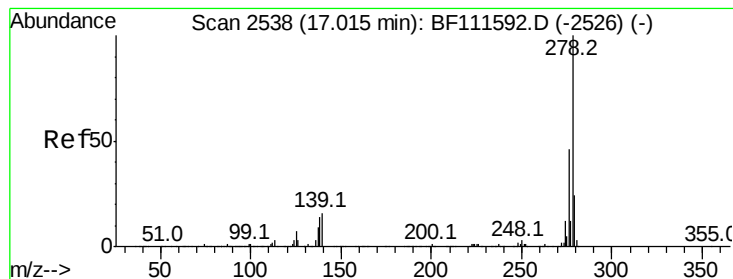
Sohil
12/21/2018 2:46:41 PM



#90
Benzo(a)pyrene
Concen: 40.431 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF111641.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	9.8	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 42.550 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.02 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 866948

Ion Ratio Lower Upper

278 100

139 14.4 18.2 27.4#

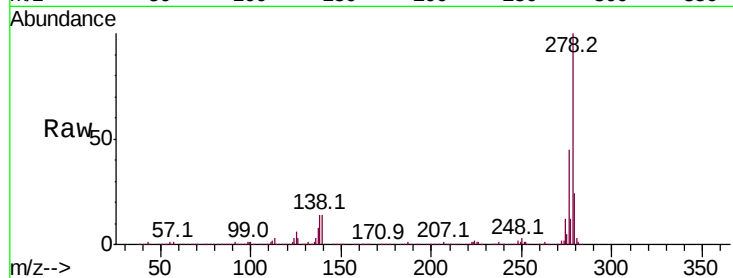
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Sohil

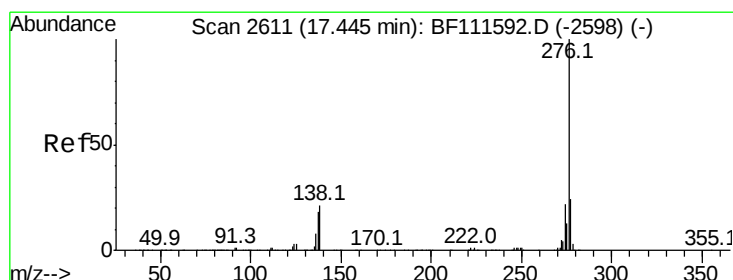
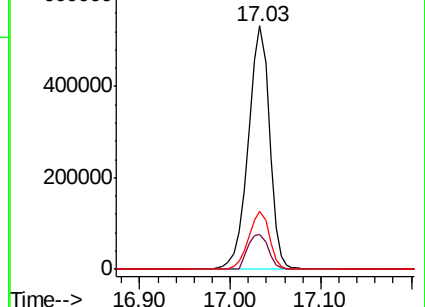
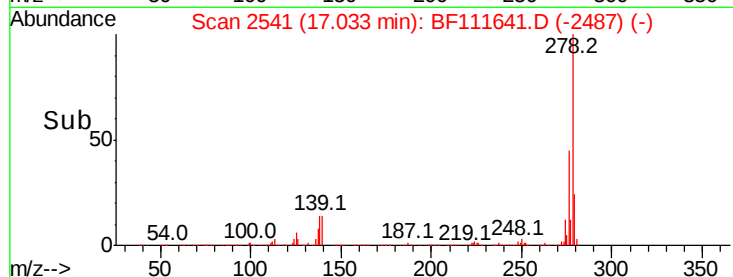
12/21/2018 2:46:41 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.904 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.02 min

Lab File: BF111641.D

Acq: 20 Dec 2018 16:14

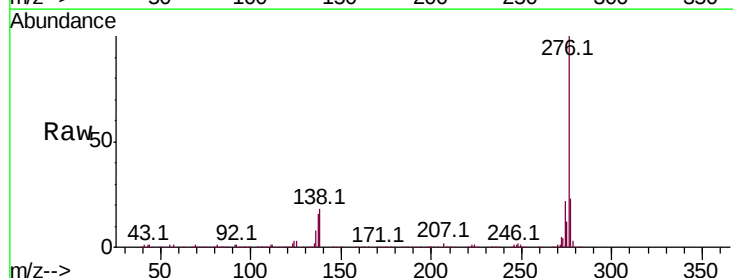
Tgt Ion:276 Resp: 853591

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 18.5 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

