

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111759.D
 Acq On : 27 Dec 2018 13:49
 Operator : JU/SJ
 Sample : J6446-14MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Manual Integrations
 APPROVED

Sohil
 12/28/2018 10:37:20 AM

Quant Time: Dec 28 06:11:39 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	157097	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	551727	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	241220	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	394249	20.00	ng	0.01
76) Chrysene-d12	14.07	240	363118	20.00	ng	0.02
87) Perylene-d12	15.56	264	271394	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	952188	103.31	ng	0.04
7) Phenol-d6	6.56	99	1198498	102.18	ng	0.04
23) Nitrobenzene-d5	7.47	82	778932	82.18	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	296473	104.02	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1350785	81.62	ng	0.00
79) Terphenyl-d14	13.01	244	1169373	61.07	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	112162	25.866	ng	96
3) Pyridine	3.55	79	44302	3.922	ng	96
4) n-Nitrosodimethylamine	3.45	42	198219	35.852	ng	82
6) Aniline	6.57	93	13332	0.892	ng	# 1
8) 2-Chlorophenol	6.70	128	353331	34.608	ng	99
9) Benzaldehyde	6.45	77	118922	14.742	ng	98
10) Phenol	6.57	94	456031	34.458	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	335022	33.782	ng	100
12) 1,3-Dichlorobenzene	6.85	146	398204	33.656	ng	98
13) 1,4-Dichlorobenzene	6.92	146	402075	33.508	ng	97
14) 1,2-Dichlorobenzene	7.08	146	379345	33.885	ng	97
15) Benzyl Alcohol	7.05	79	311711	33.462	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	562203	30.781	ng	90
17) 2-Methylphenol	7.17	107	272063	33.280	ng	# 89
18) Hexachloroethane	7.42	117	132353	32.732	ng	# 82
19) n-Nitroso-di-n-propylamine	7.32	70	253190	32.504	ng	97
20) 3+4-Methylphenols	7.32	107	343289	33.233	ng	93
22) Acetophenone	7.31	105	479987	34.340	ng	# 91
24) Nitrobenzene	7.49	77	374078	37.655	ng	99
25) Isophorone	7.72	82	648835	38.559	ng	97
26) 2-Nitrophenol	7.80	139	182269	45.238	ng	95
27) 2,4-Dimethylphenol	7.85	122	289771	36.484	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	408000	36.436	ng	97
29) 2,4-Dichlorophenol	8.05	162	289170	33.850	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	331425	34.815	ng	97
31) Naphthalene	8.21	128	995905	37.568	ng	97
32) Benzoic acid	7.95	122	138283	26.333	ng	89
33) 4-Chloroaniline	8.26	127	23562	2.056	ng	97
34) Hexachlorobutadiene	8.33	225	201356	34.705	ng	97
35) Caprolactam	8.62	113	56566m	19.541	ng	
36) 4-Chloro-3-methylphenol	8.75	107	264328	31.477	ng	96
37) 2-Methylnaphthalene	8.90	142	645313	37.415	ng	98
38) 1-Methylnaphthalene	9.00	142	601742	36.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	315608	39.817	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	203889	53.007	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	193625	36.587	nq	98
44) 2,4,5-Trichlorophenol	9.23	196	194284	35.785	nq	# 91
46) 1,1'-Biphenyl	9.36	154	787399	38.669	nq	94
47) 2-Chloronaphthalene	9.39	162	596953	37.002	nq	94
48) 2-Nitroaniline	9.48	65	169165	40.306	nq	96
49) Acenaphthylene	9.80	152	885682	37.600	nq	95
50) Dimethylphthalate	9.66	163	827295	46.900	nq	99
51) 2,6-Dinitrotoluene	9.72	165	144623	41.117	nq	99
52) Acenaphthene	9.97	154	575541	39.616	nq	98
53) 3-Nitroaniline	9.89	138	44559	11.879	nq	96
54) 2,4-Dinitrophenol	9.99	184	104837	91.699	nq	94
55) Dibenzofuran	10.15	168	792161	36.091	nq	94
56) 4-Nitrophenol	10.06	139	188194	65.738	nq	89
57) 2,4-Dinitrotoluene	10.12	165	179623	42.490	nq	# 99
58) Fluorene	10.49	166	597063	37.750	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	156868	34.333	nq	92
60) Diethylphthalate	10.36	149	631078	36.471	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	304849	34.887	nq	93
62) 4-Nitroaniline	10.50	138	52625	14.434	nq	93
63) Azobenzene	10.64	77	559043	32.182	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	68756	43.006	nq	# 68
66) n-Nitrosodiphenylamine	10.60	169	500056	37.785	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	180177	36.846	nq	98
68) Hexachlorobenzene	11.05	284	202294	37.103	nq	# 94
69) Atrazine	11.13	200	154533	33.612	nq	93
70) Pentachlorophenol	11.24	266	204026	60.531	nq	95
71) Phenanthrene	11.46	178	807383	38.615	nq	93
72) Anthracene	11.50	178	803063	38.265	nq	95
73) Carbazole	11.66	167	679562	33.352	nq	95
74) Di-n-butylphthalate	11.99	149	873986	38.257	nq	96
75) Fluoranthene	12.65	202	811332	38.320	nq	94
77) Benzidine	12.73	184	5578m	0.408	nq	
78) Pyrene	12.87	202	833109	32.489	nq	94
80) Butylbenzylphthalate	13.49	149	372909	35.676	nq	# 90
81) Benzo(a)anthracene	14.06	228	780736	37.675	nq	97
82) 3,3'-Dichlorobenzidine	14.04	252	2877	0.351	nq	# 58
83) Chrysene	14.10	228	722303	35.463	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	534710	40.612	nq	98
85) Di-n-octyl phthalate	14.66	149	874144	42.852	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	508148	29.348	nq	# 87
88) Benzo(b)fluoranthene	15.12	252	663882m	41.855	nq	
89) Benzo(k)fluoranthene	15.15	252	569477	37.713	nq	97
90) Benzo(a)pyrene	15.50	252	544809	37.807	nq	# 95
91) Dibenzo(a,h)anthracene	17.09	278	431513	34.197	nq	# 91
92) Benzo(g,h,i)perylene	17.53	276	403269	32.728	nq	# 86

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

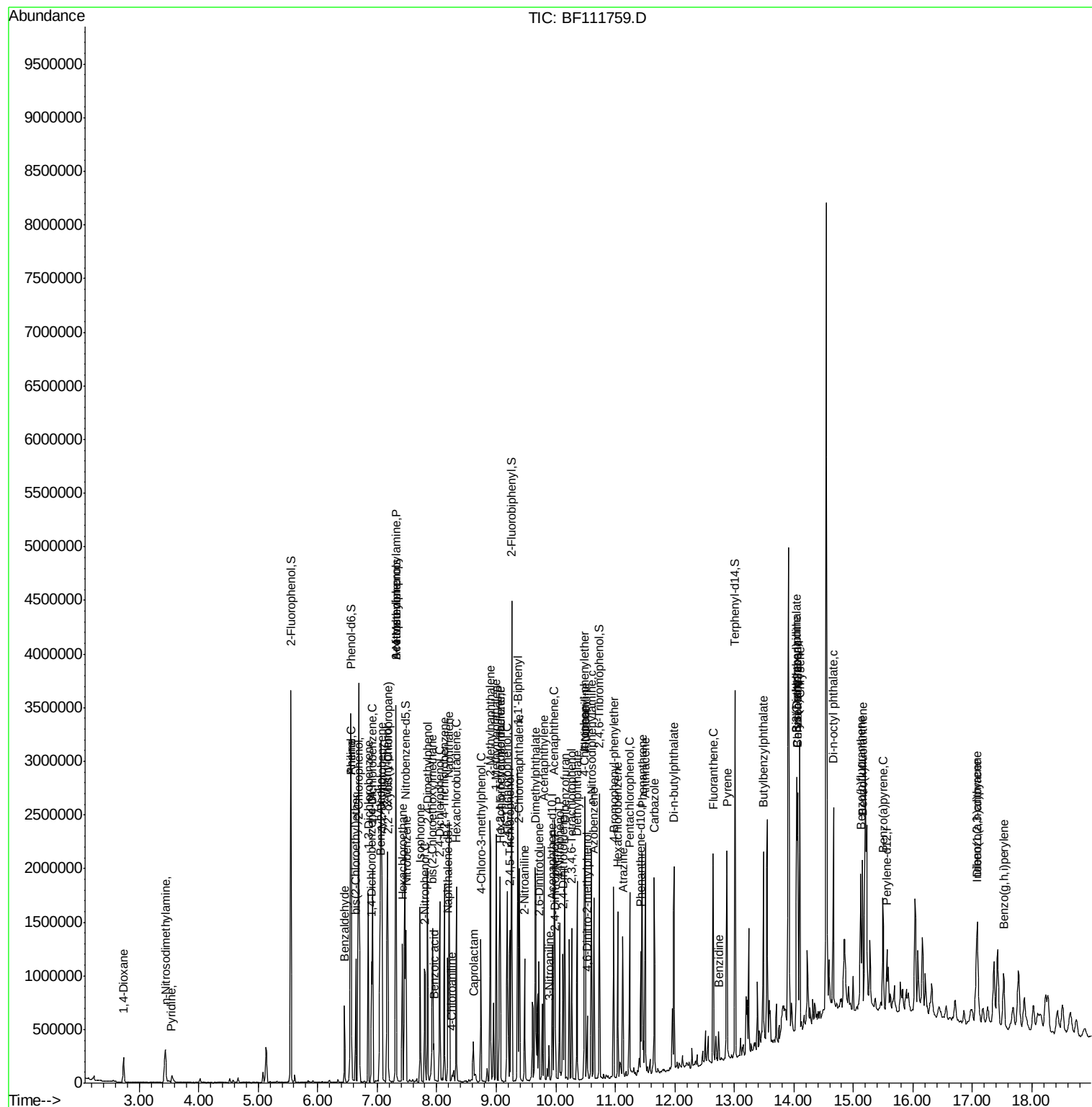
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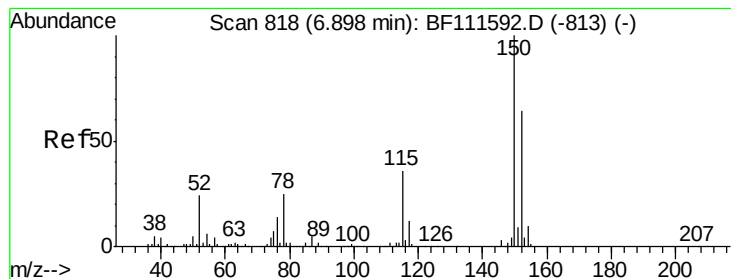
Instrument :
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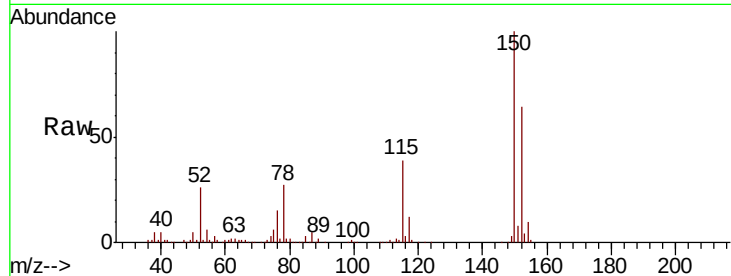
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	60.1	50.7	76.1

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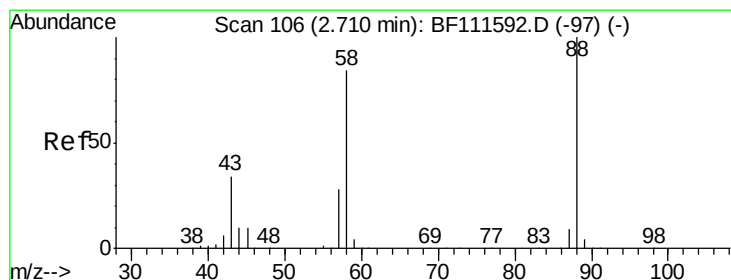
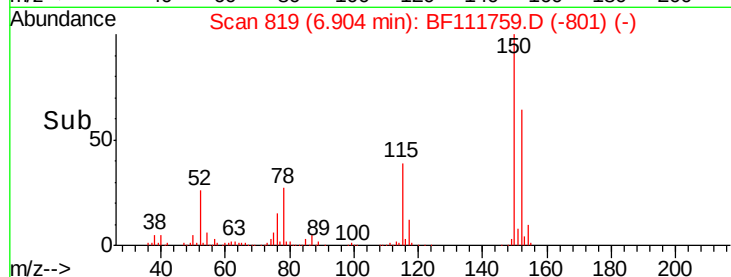
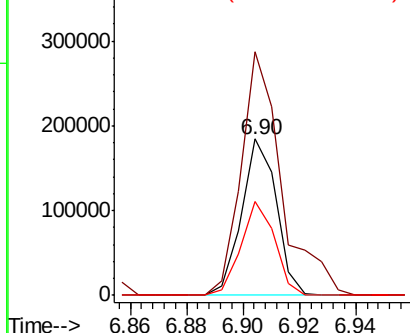


Abundance

Ion 152.00 (151.70 to 152.70): E

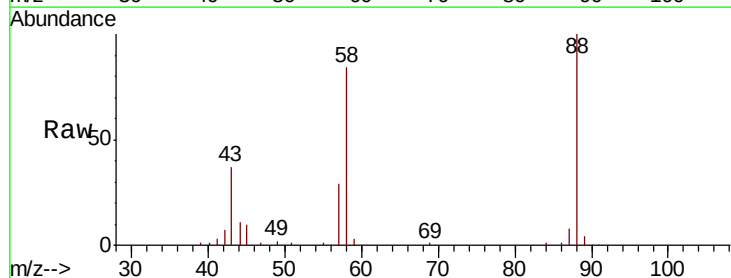
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 25.866 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.03 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	68.9	103.3
43	36.6	25.8	38.6

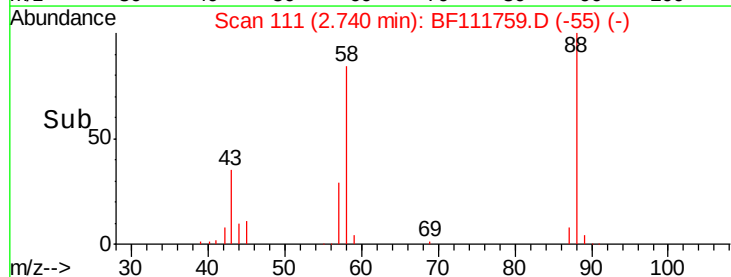
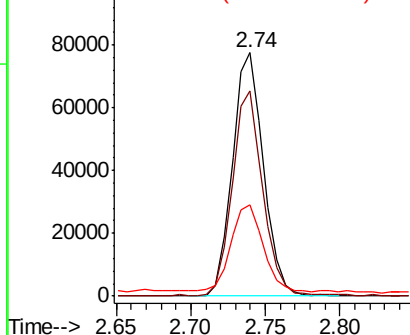


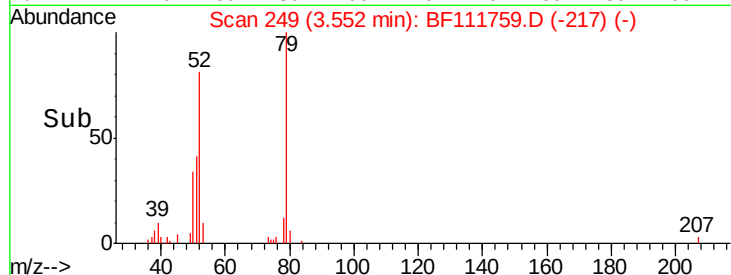
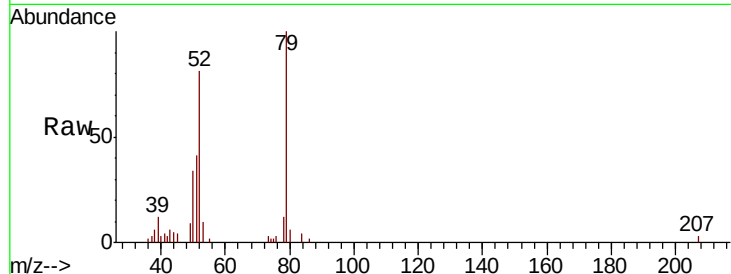
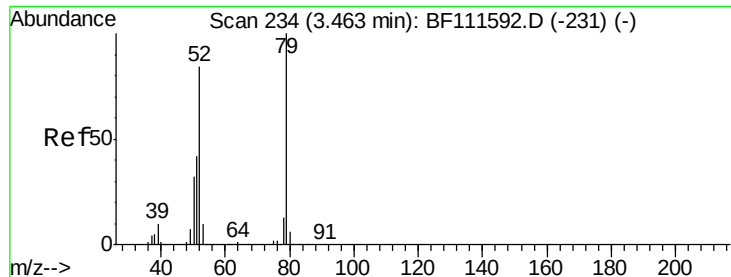
Abundance

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





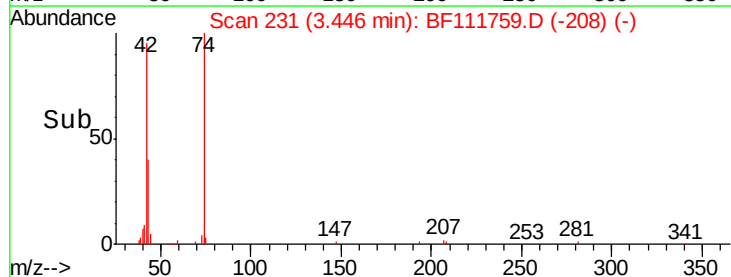
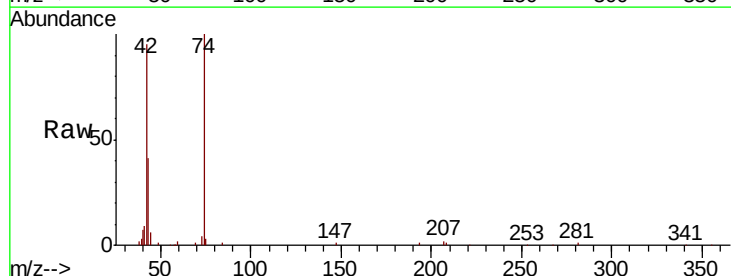
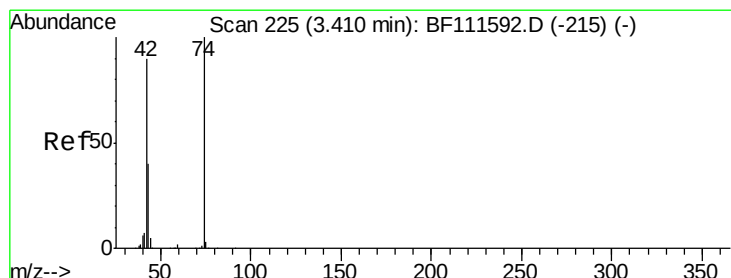
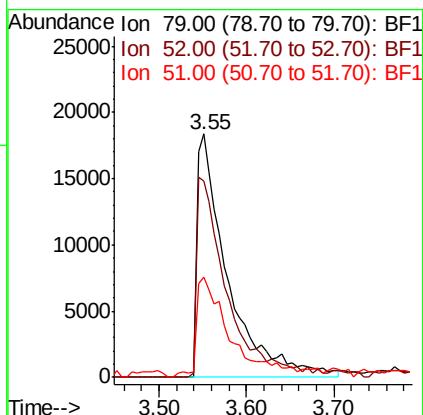
#3
Pvridine
Concen: 3.922 ng
RT: 3.55 min Scan# 249
Delta R.T. 0.09 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.5	68.3	102.5
51	41.1	32.6	49.0

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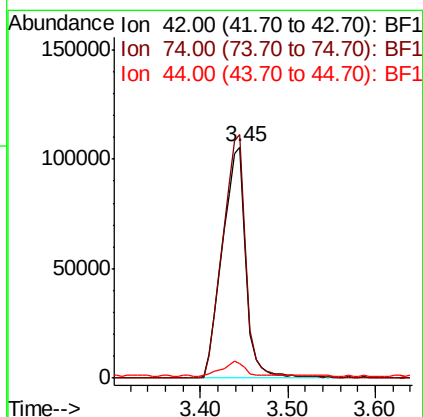
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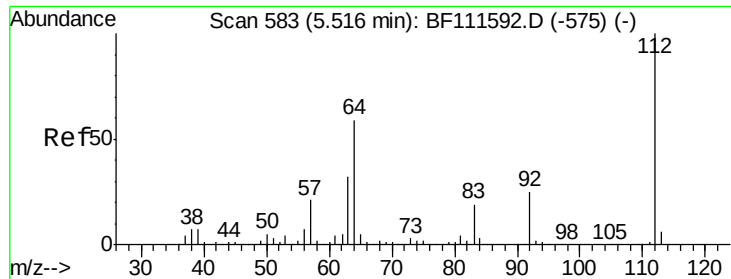
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#4
n-Nitrosodimethylamine
Concen: 35.852 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.04 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.4	101.5	152.3
44	6.3	6.0	9.0





#5

2-Fluorophenol

Concen: 103.314 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

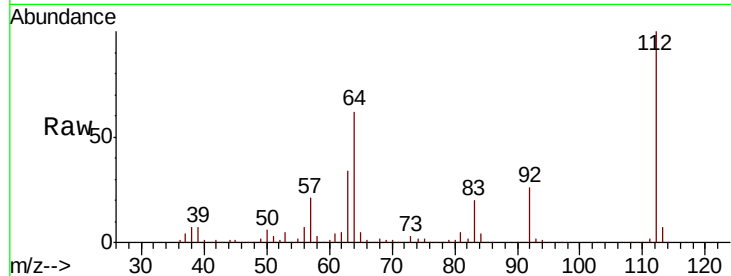
ClientSampleId :

P001-SS022-0612-01MS

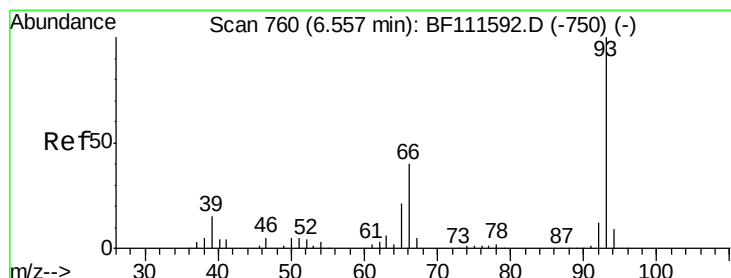
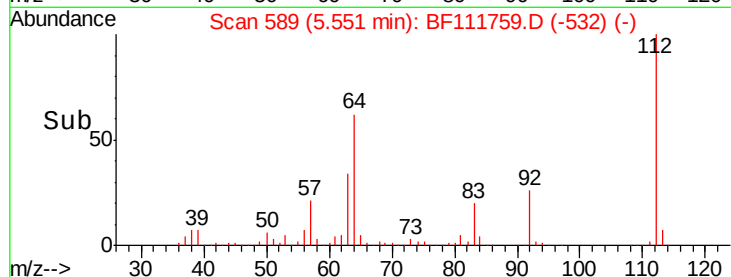
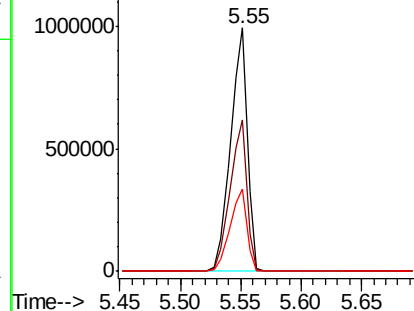
Tot Ion	Ratio	Resp	Lower	Upper
112	100	952188		
64	62.0	51.8	77.6	
63	33.8	26.8	40.2	

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



#6

Aniline

Concen: 0.892 ng

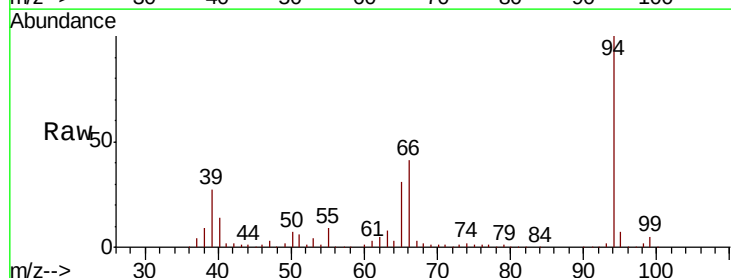
RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

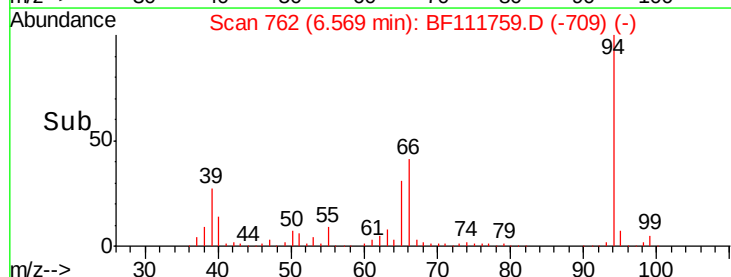
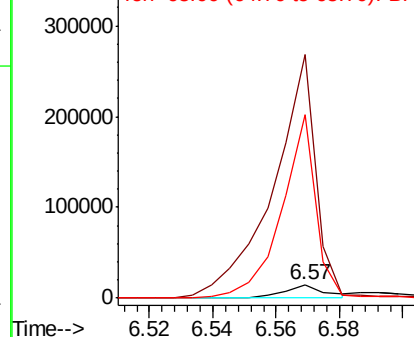
Lab File: BF111759.D

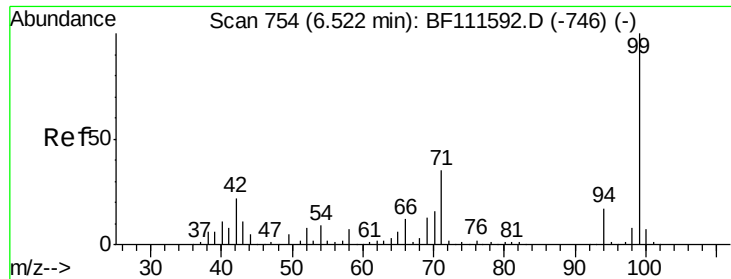
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	13332		
66	1757.0	33.2	49.8#	
65	1328.2	17.0	25.4#	



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





#7

Phenol-d6

Concen: 102.180 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.04 min

Lab File: BF111759.D

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ClientSampleId :

P001-SS022-0612-01MS

Tot Ion: 99 Resp: 1198498

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

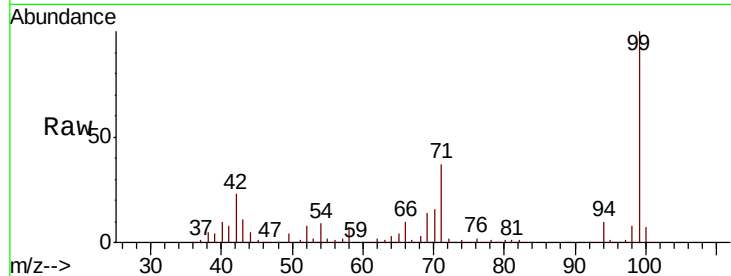
71 37.3 26.1 39.1

Manual Integrations

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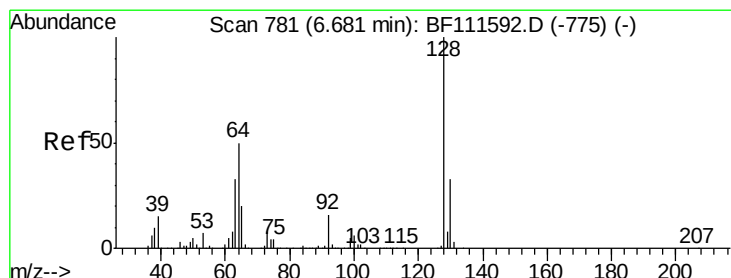
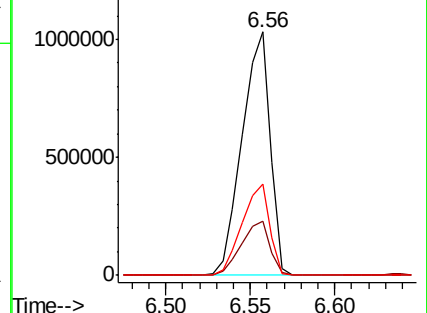
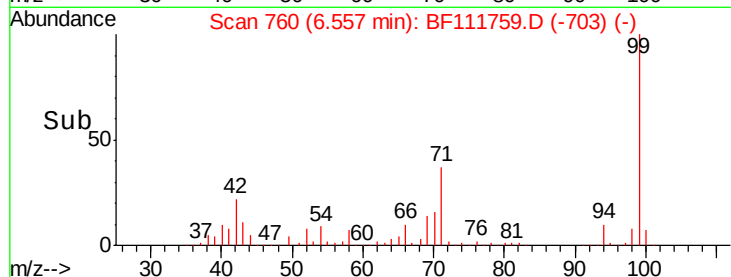
12/28/2018 10:37:20 AM



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: 34.608 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

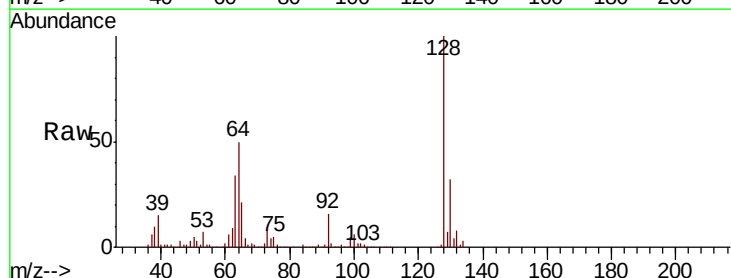
Tgt Ion:128 Resp: 353331

Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

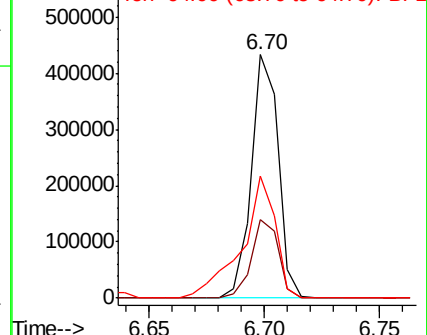
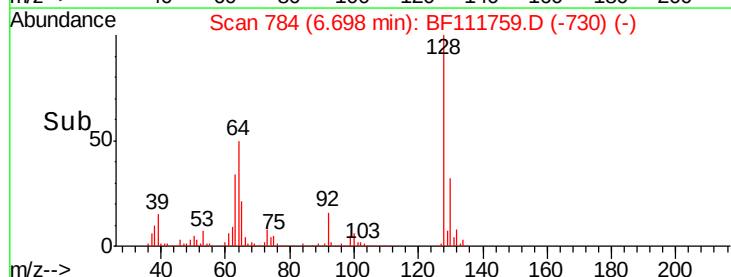
64 50.4 30.0 70.0

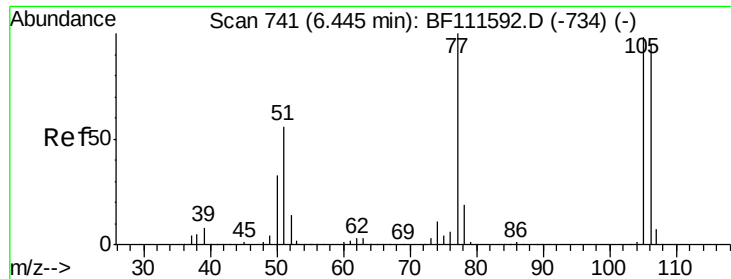


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.742 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

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BNA_F

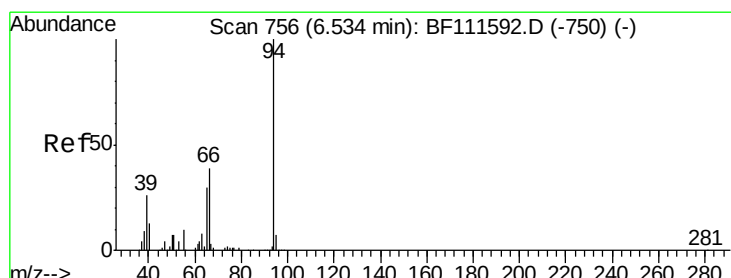
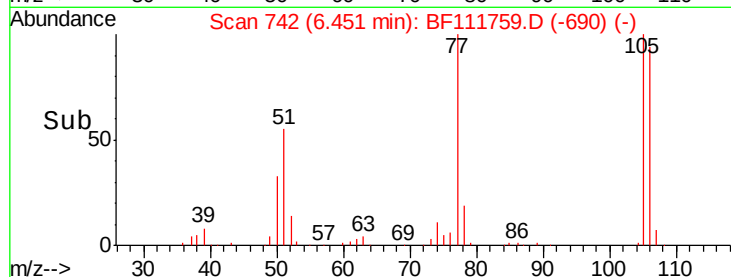
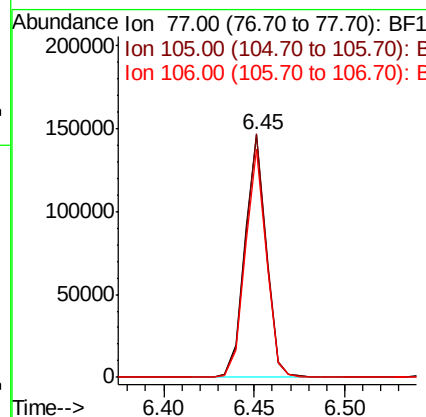
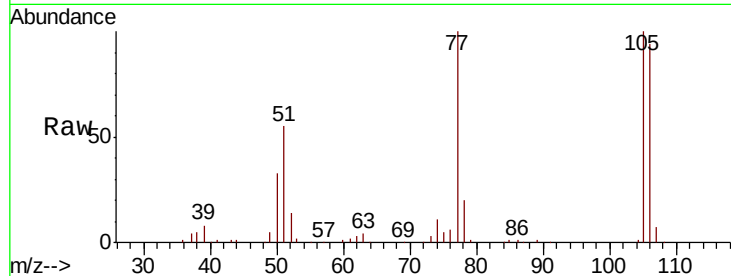
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	77	Resp:	118922
Ion	Ratio	Lower	Upper
77	100		
105	100.4	81.4	121.4
106	94.4	77.9	117.9

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#10

Phenol

Concen: 34.458 ng

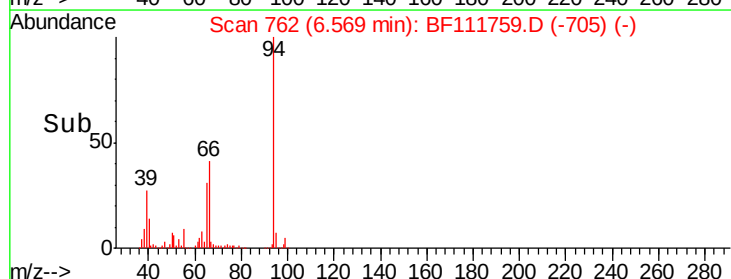
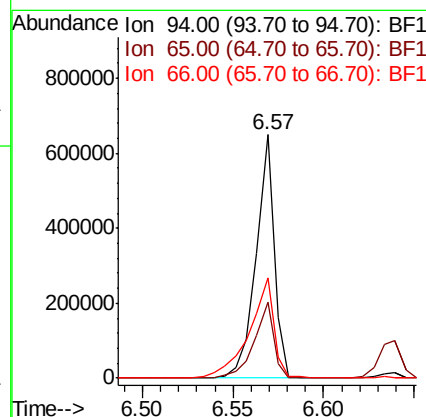
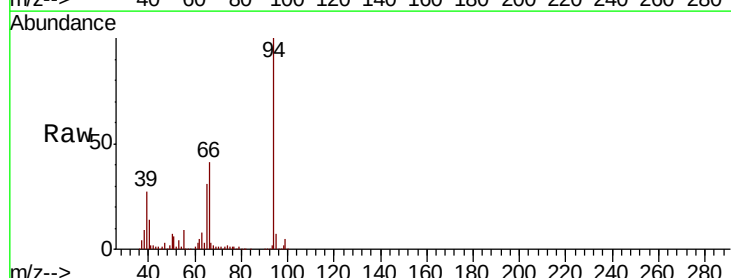
RT: 6.57 min Scan# 762

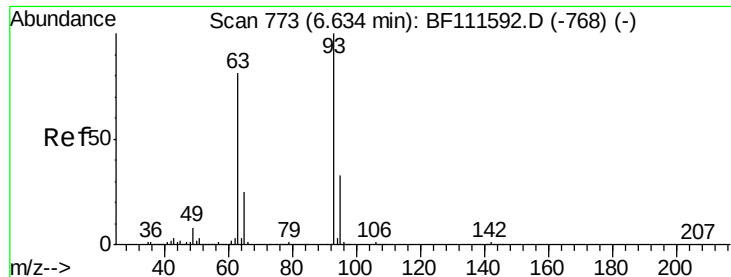
Delta R.T. 0.04 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	94	Resp:	456031
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.7	51.7
66	41.3	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 33.782 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

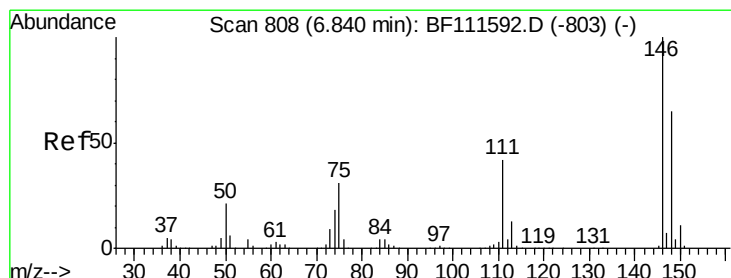
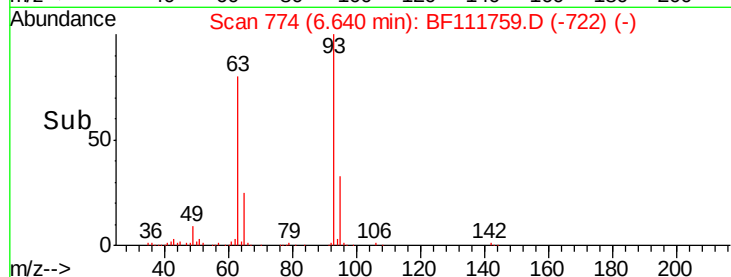
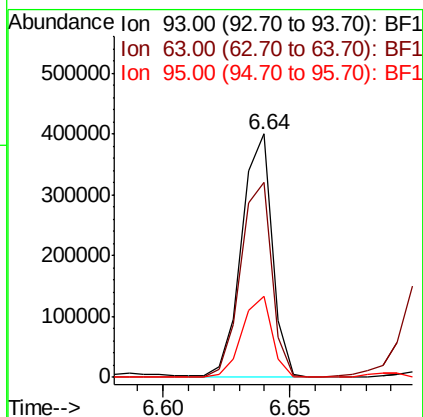
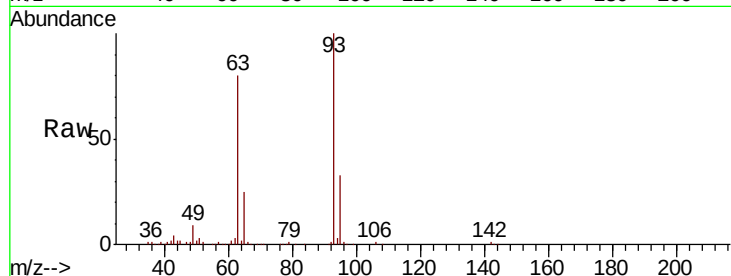
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	93	Resp:	335022
Ion Ratio	Lower	Upper	
93	100		
63	80.3	60.0	100.0
95	33.3	13.4	53.4

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 33.656 ng

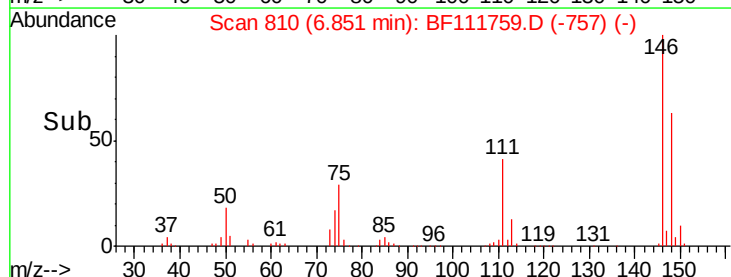
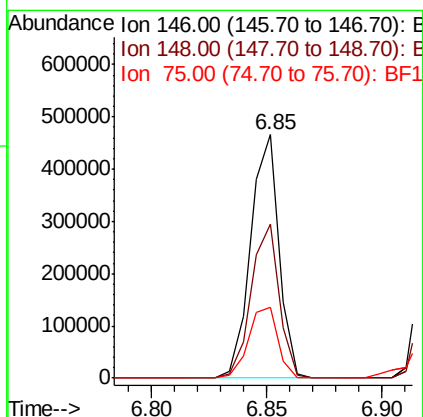
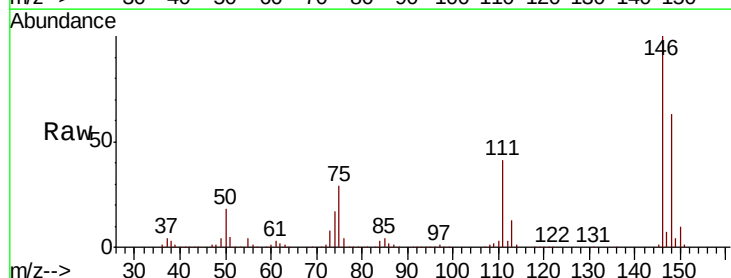
RT: 6.85 min Scan# 810

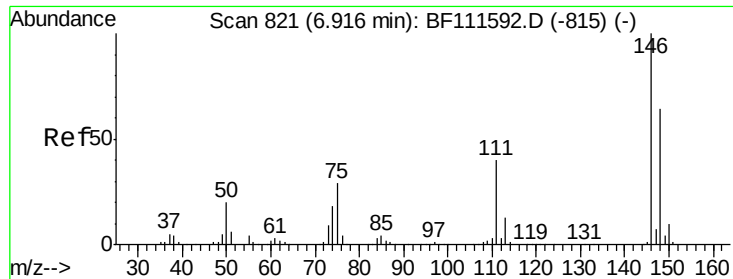
Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	146	Resp:	398204
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.1	78.1
75	29.0	23.9	35.9





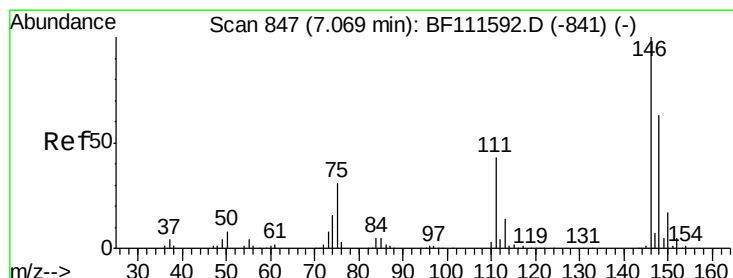
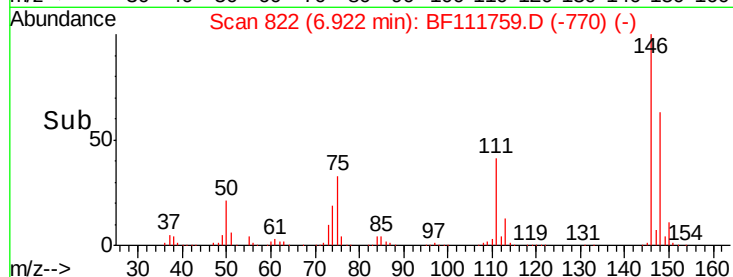
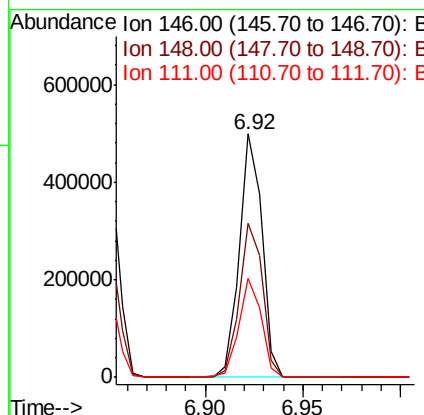
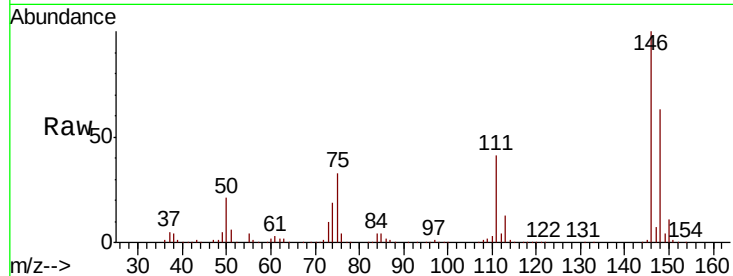
#13
 1,4-Dichlorobenzene
 Concen: 33.508 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.8	79.2
111	40.7	33.4	50.0

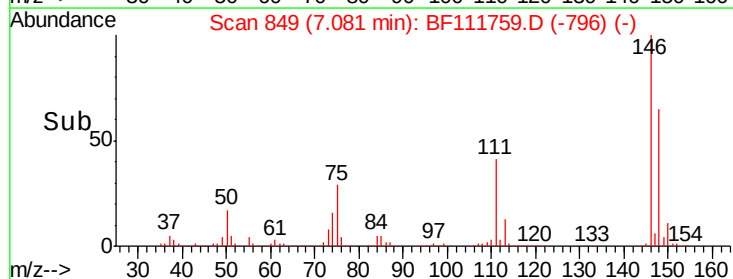
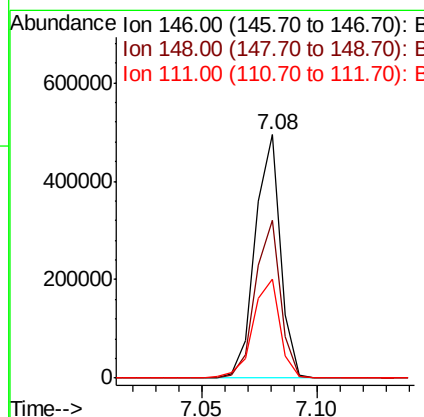
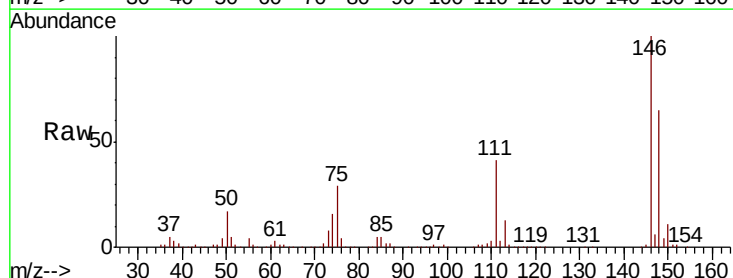
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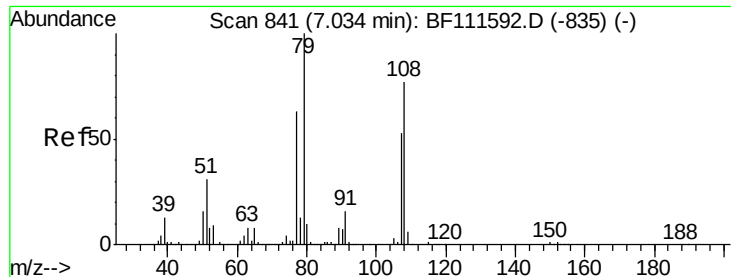
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#14
 1,2-Dichlorobenzene
 Concen: 33.885 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	40.6	36.2	54.4





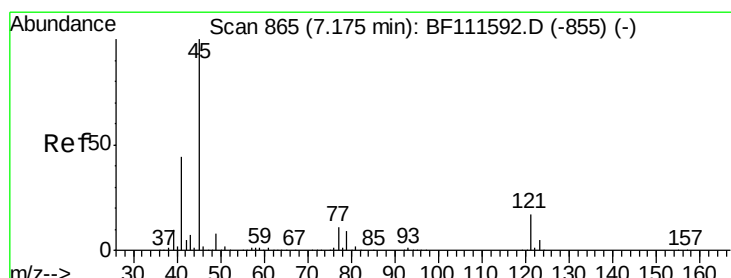
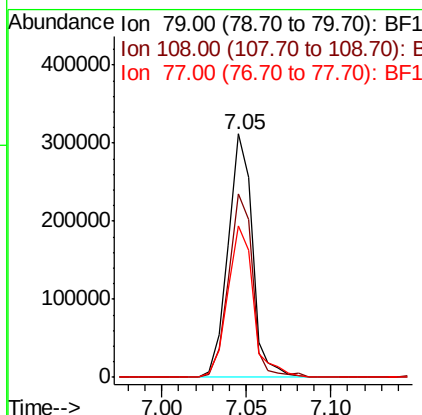
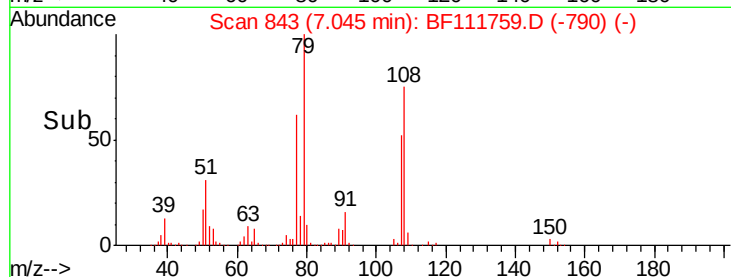
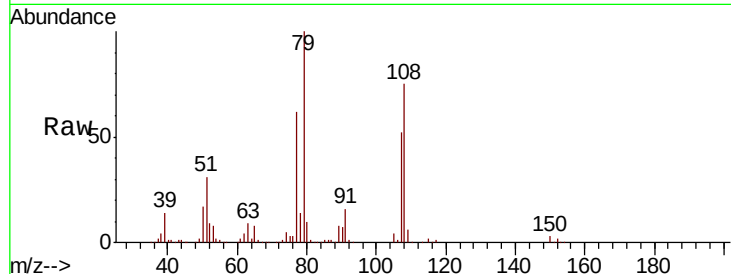
#15
Benzyl Alcohol
Concen: 33.462 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	69.4	104.2
77	62.2	49.7	74.5

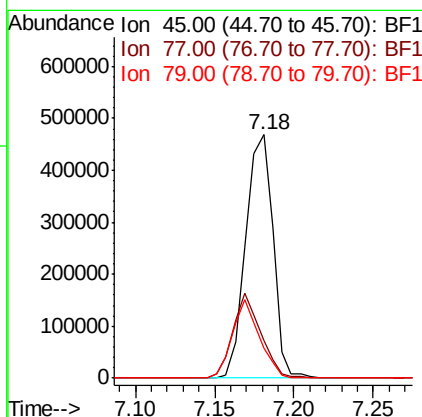
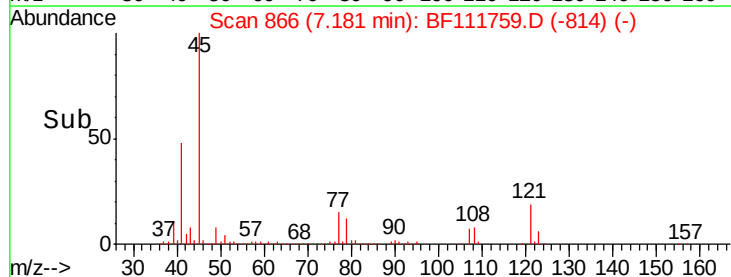
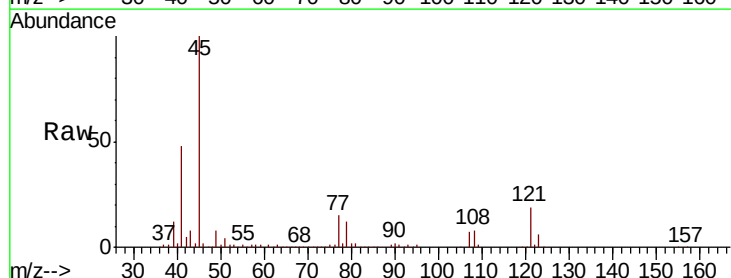
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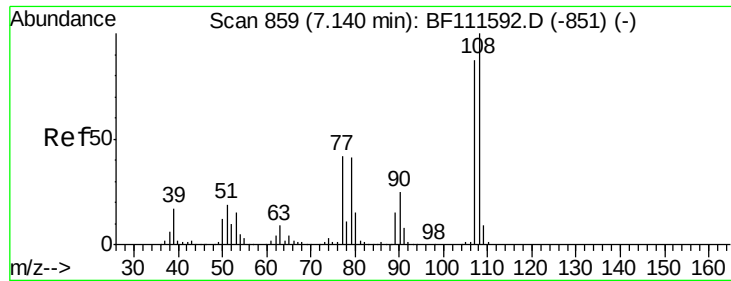
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.781 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	31.5
79	12.2	0.0	28.9





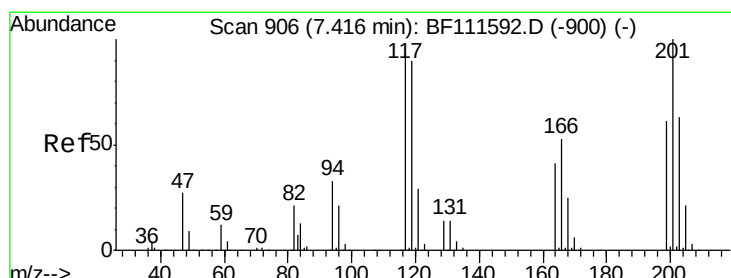
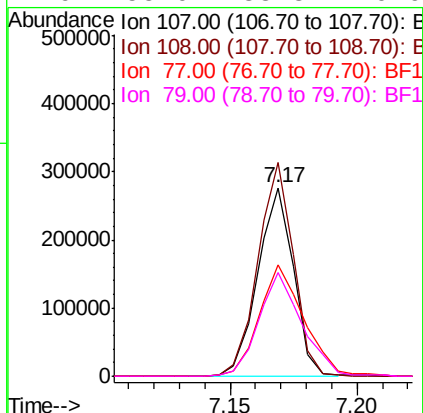
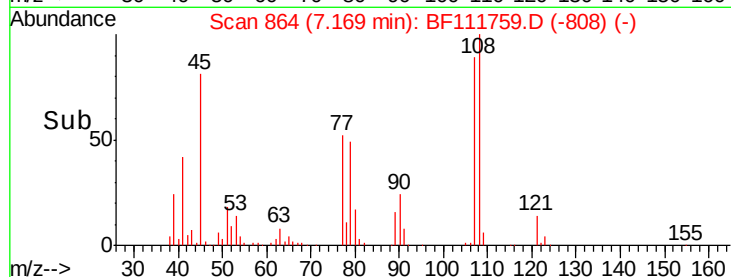
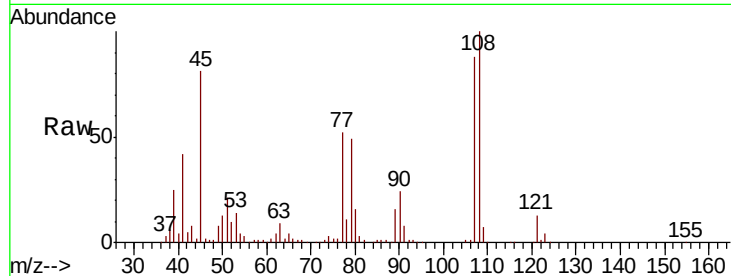
#17
2-Methylphenol
Concen: 33.280 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.0	136.4	
77	59.0	33.5	50.3#	
79	55.0	33.3	49.9#	

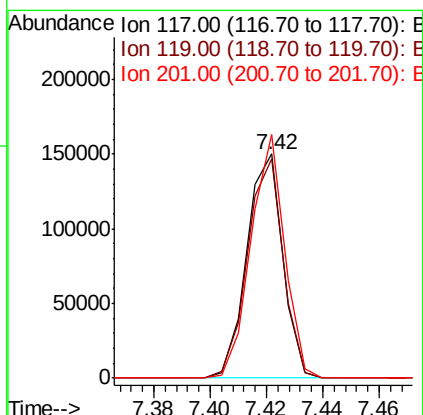
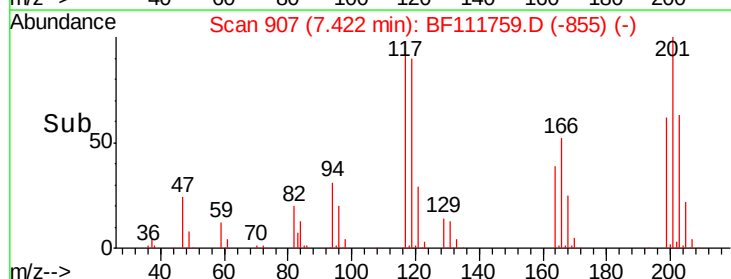
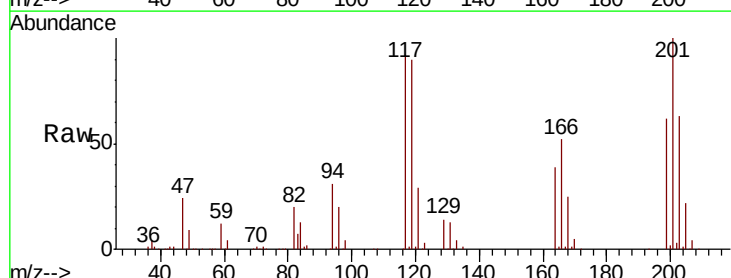
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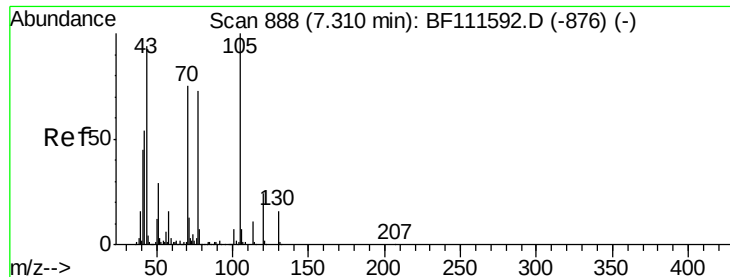
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#18
Hexachloroethane
Concen: 32.732 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	75.4	113.0	
201	108.6	62.4	93.6#	





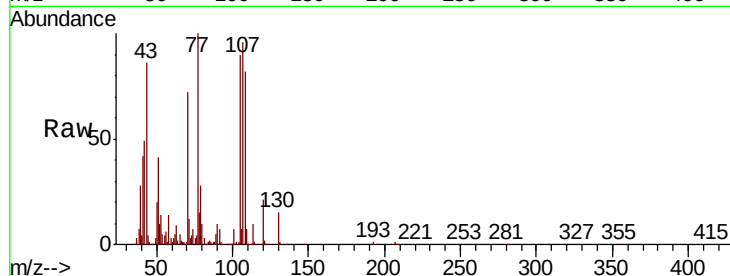
#19
n-Nitroso-di-n-propylamine
Concen: 32.504 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	53.2	79.8
101	9.5	8.2	12.4
130	20.8	18.1	27.1

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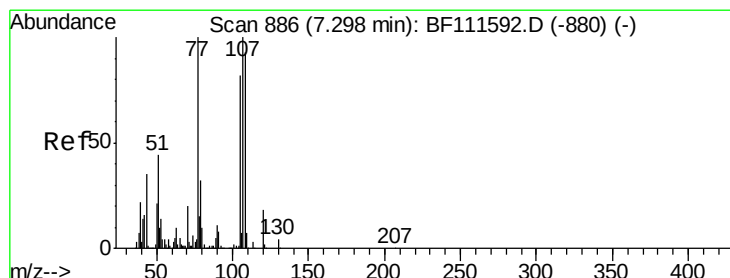
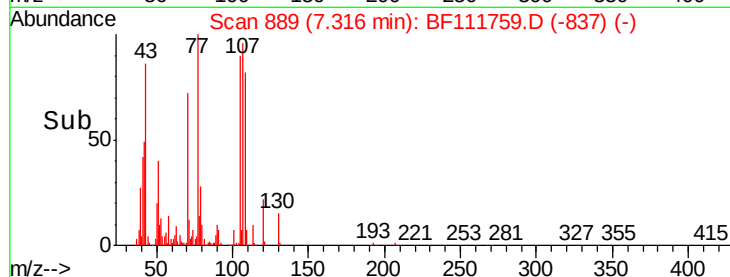
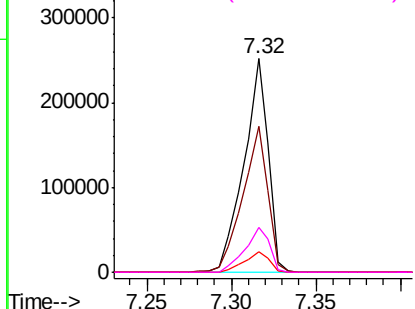
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 33.233 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	72.1	112.1
77	104.7	94.1	134.1
79	29.0	9.8	49.8

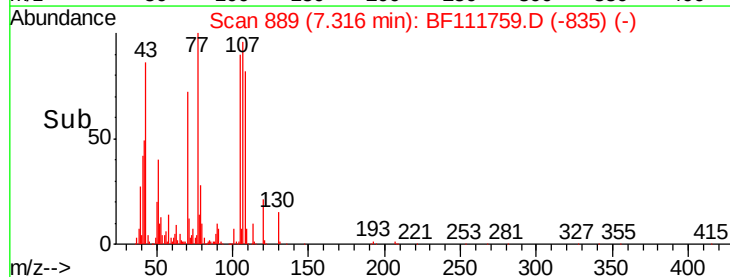
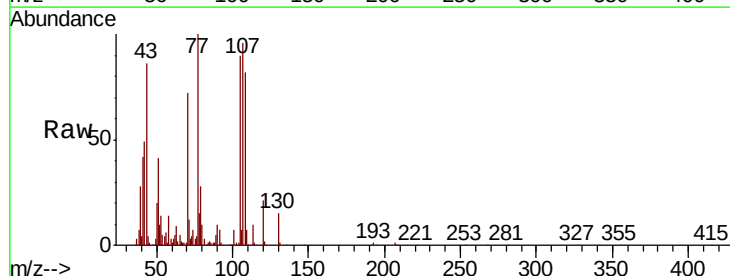
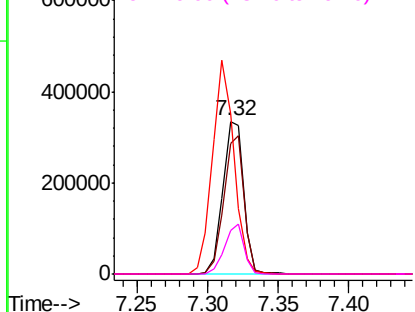
Abundance

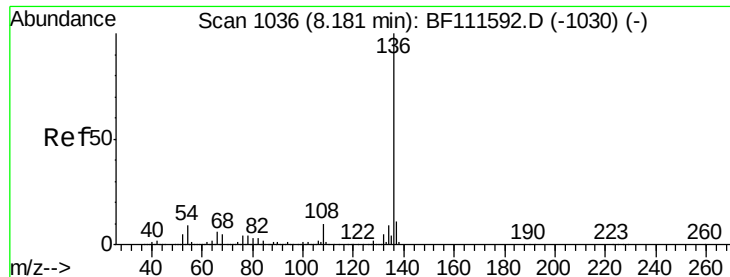
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





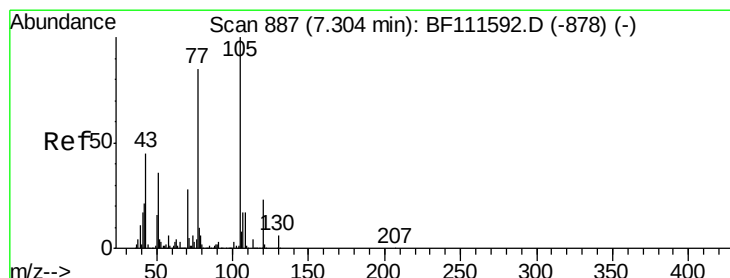
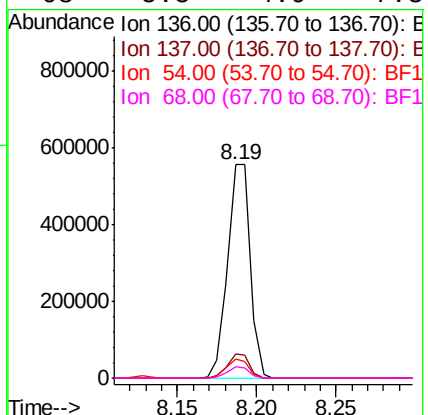
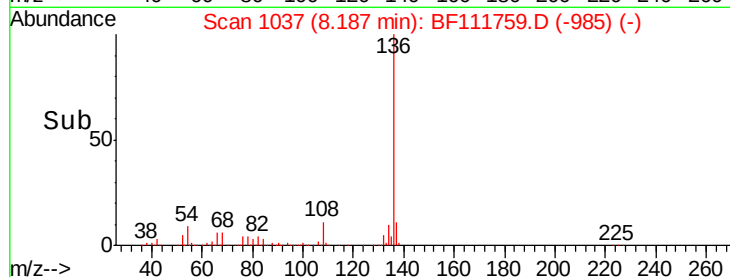
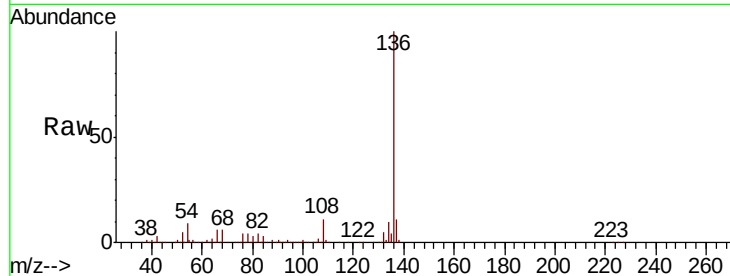
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	8.9	7.7	11.5	
68	5.5	4.9	7.3	

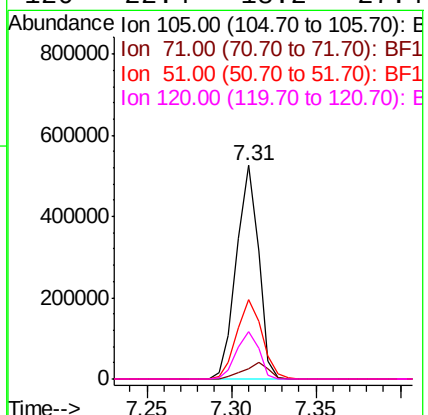
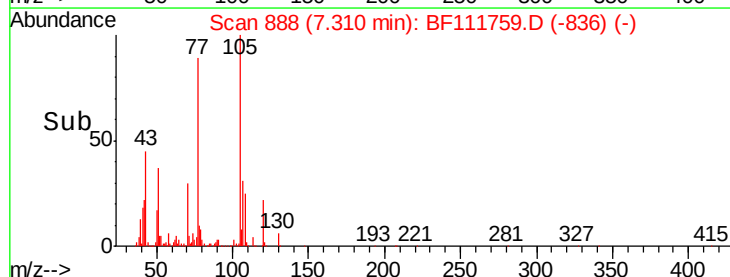
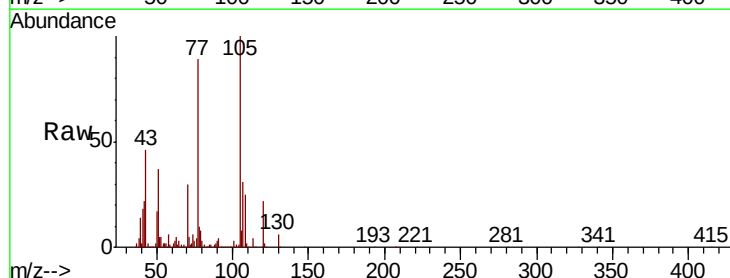
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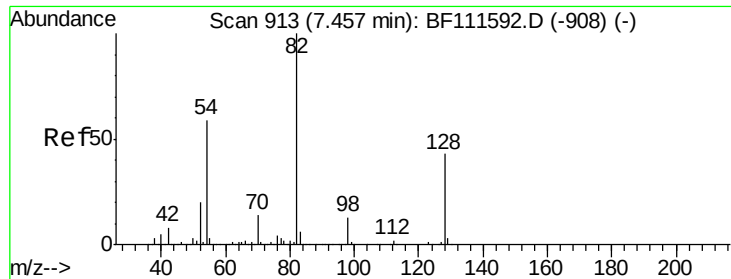
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#22
Acetophenone
Concen: 34.340 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	3.1	4.7#	
51	37.2	36.6	54.8	
120	22.4	18.2	27.4	





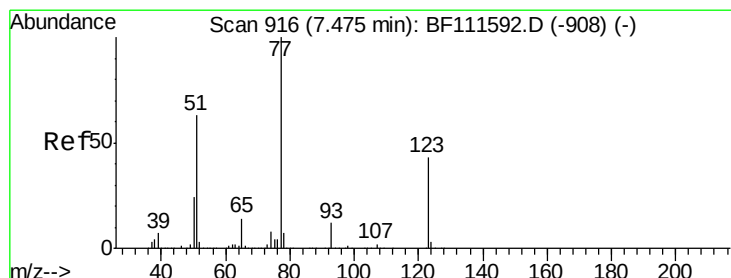
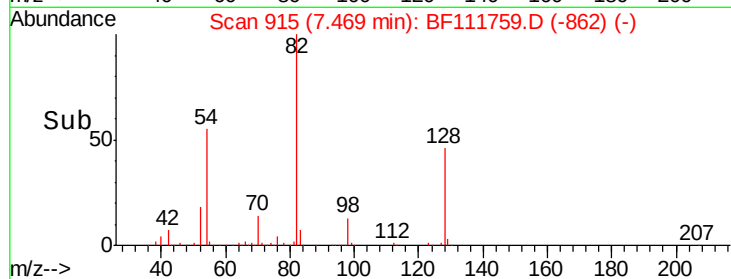
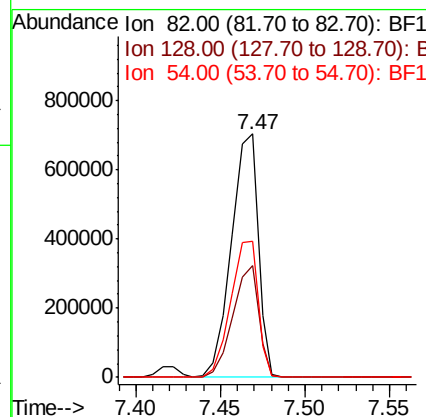
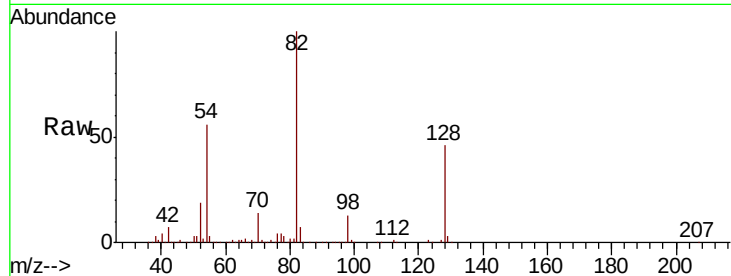
#23
Nitrobenzene-d5
Concen: 82.178 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.2
54	55.8	47.6	71.4

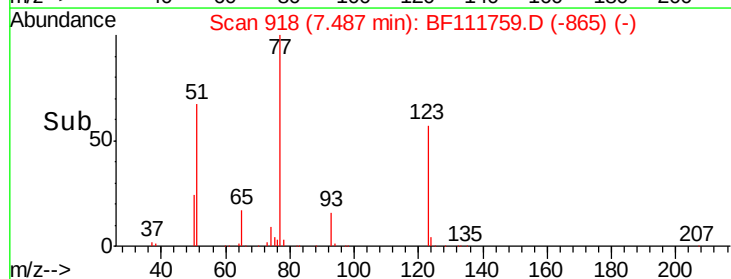
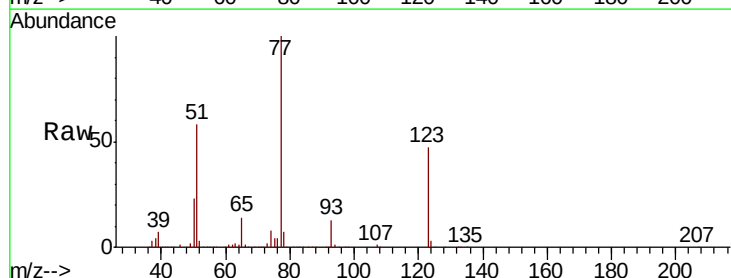
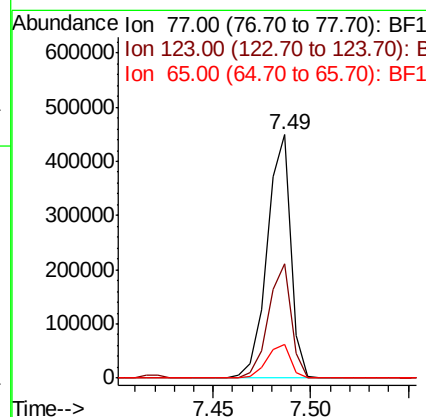
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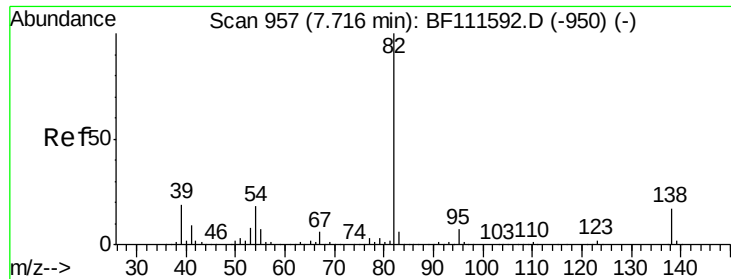
Sohil
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#24
Nitrobenzene
Concen: 37.655 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.2	55.8
65	13.9	11.5	17.3





#25

Isophorone

Concen: 38.559 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

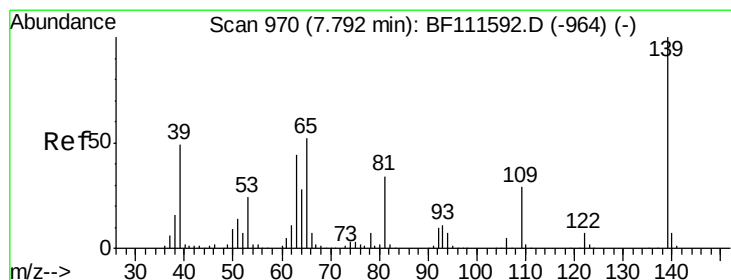
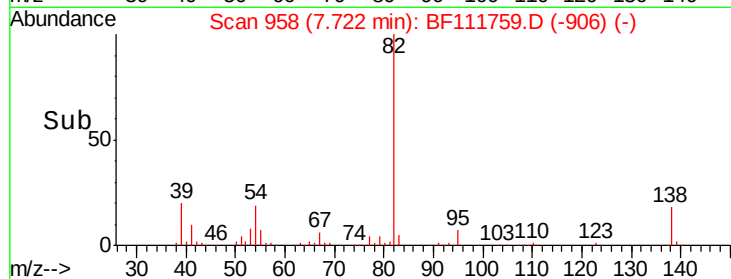
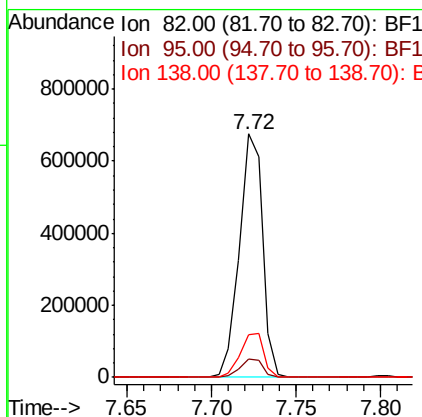
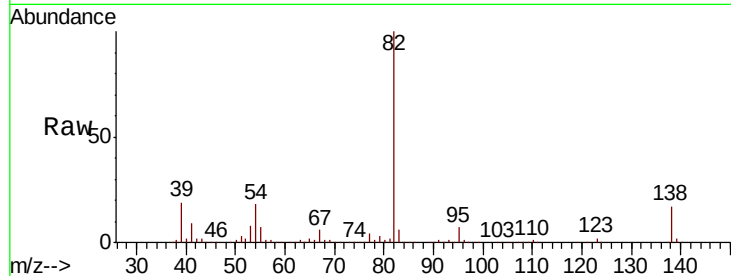
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	82	Resp:	648835
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	17.4	15.1	22.7

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#26

2-Nitrophenol

Concen: 45.238 ng

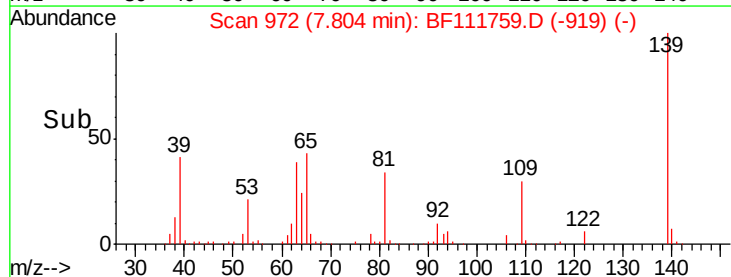
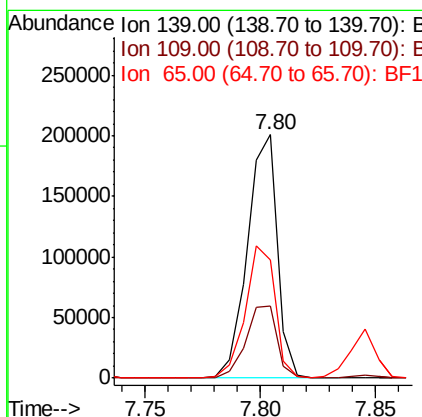
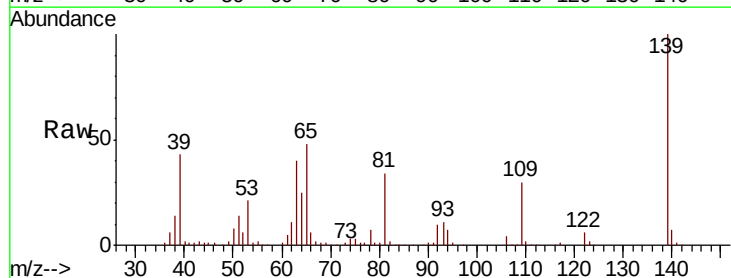
RT: 7.80 min Scan# 972

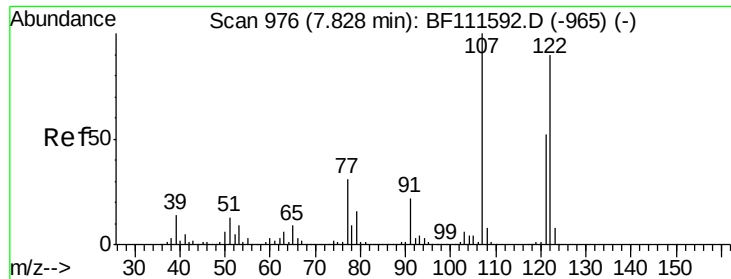
Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	139	Resp:	182269
Ion Ratio	Lower	Upper	
139	100		
109	29.9	20.2	30.4
65	48.4	40.7	61.1





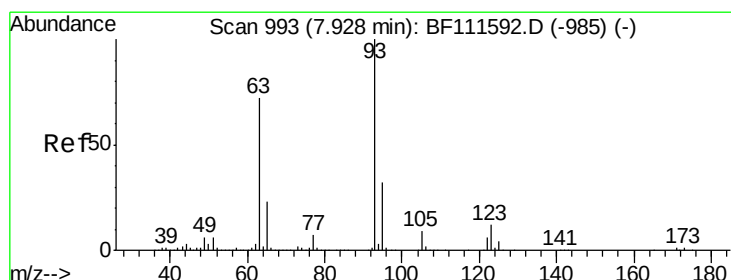
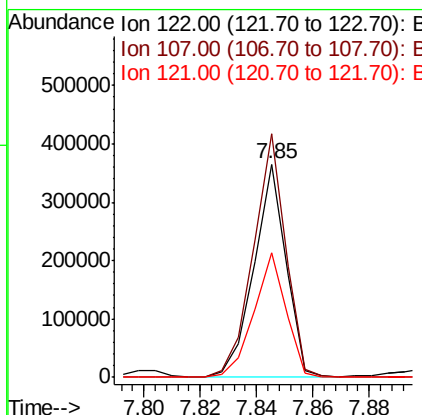
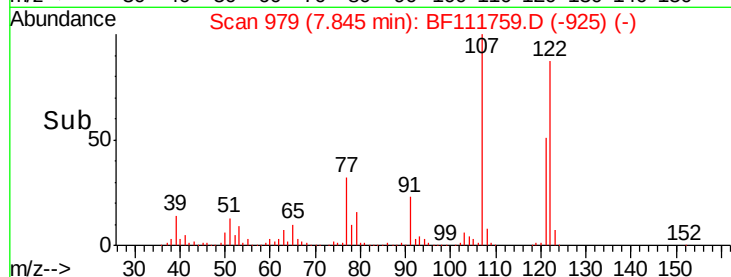
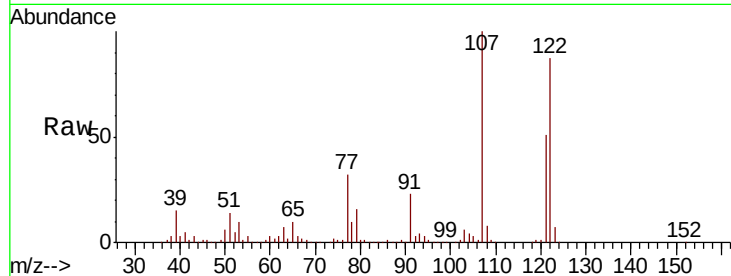
#27
2,4-Dimethylphenol
Concen: 36.484 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289771		
107	114.3	85.5	128.3	
121	58.2	46.6	70.0	

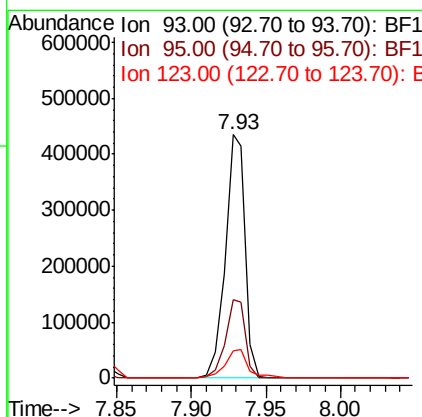
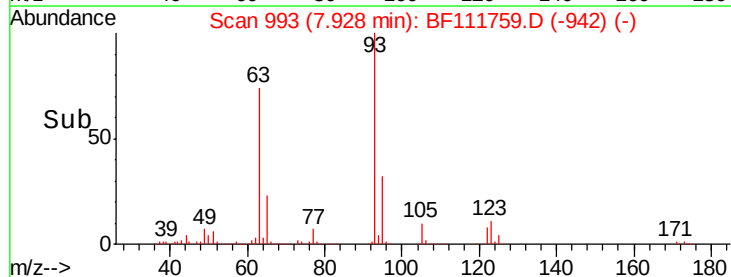
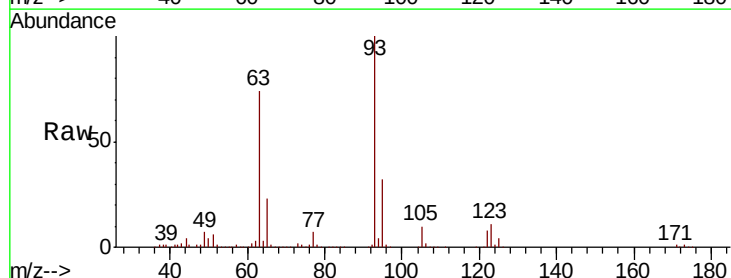
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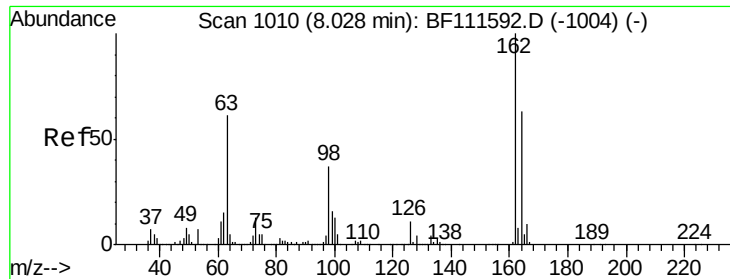
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 36.436 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	408000		
95	32.3	27.1	40.7	
123	11.2	9.9	14.9	





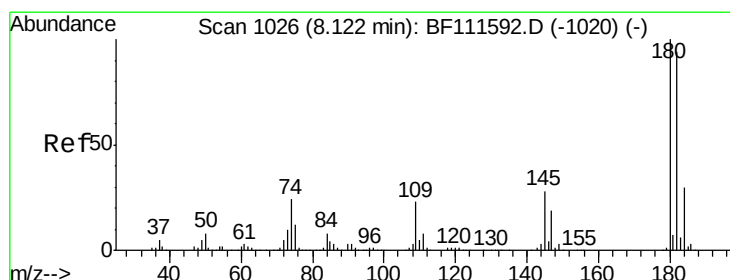
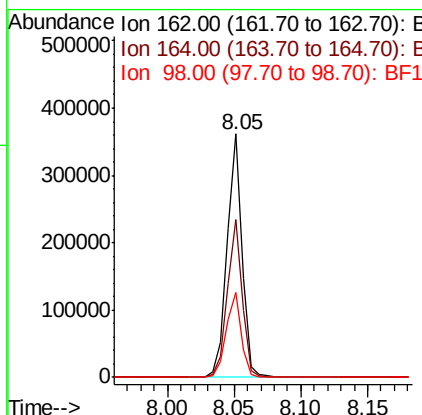
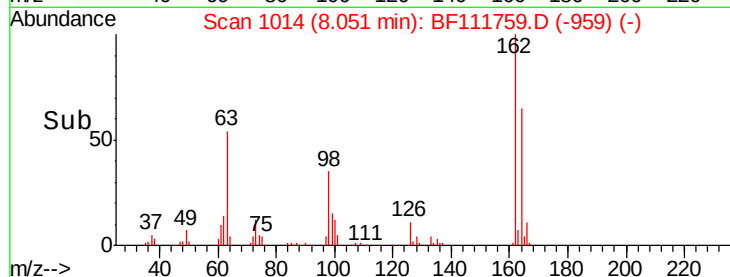
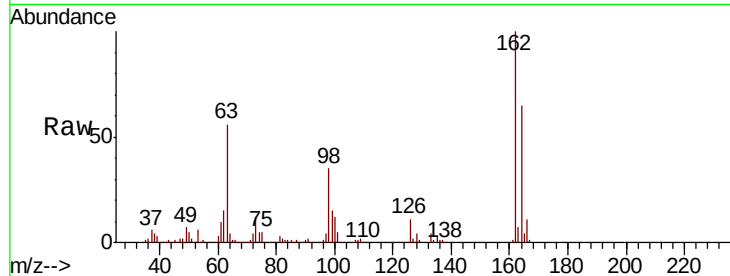
#29
2,4-Dichlorophenol
Concen: 33.850 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	289170		
164	64.6	44.4	84.4	
98	34.8	20.3	60.3	

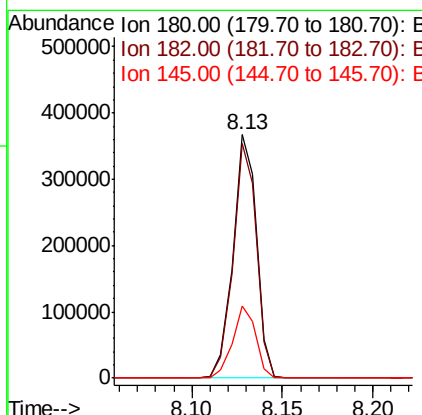
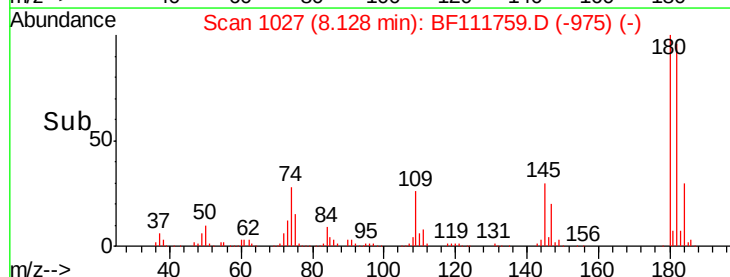
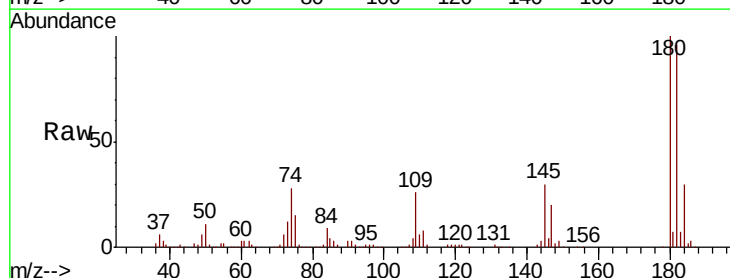
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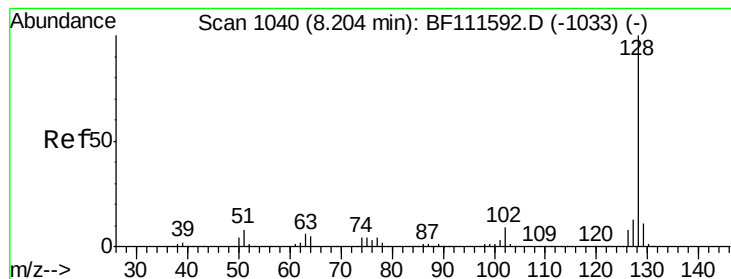
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#30
1,2,4-Trichlorobenzene
Concen: 34.815 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	331425		
182	96.3	75.6	113.4	
145	29.7	26.7	40.1	





#31

Naphthalene

Concen: 37.568 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

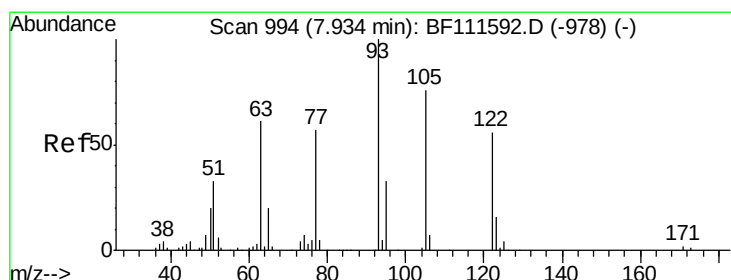
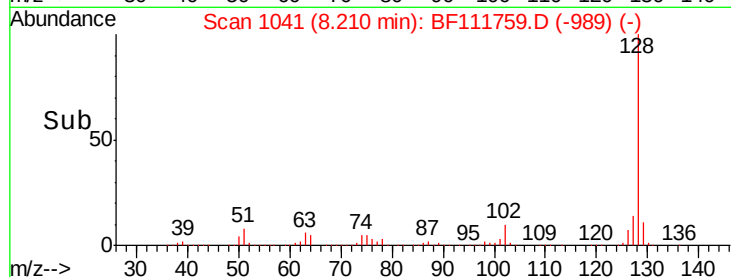
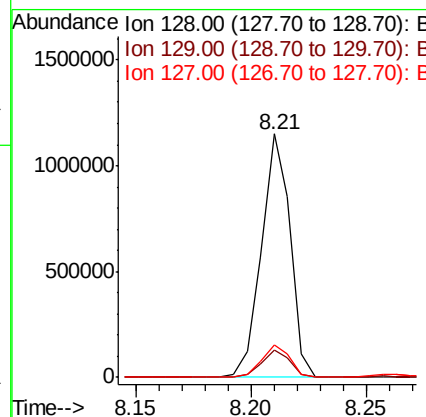
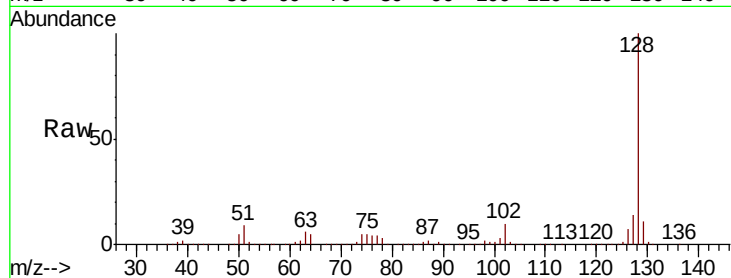
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	128	Resp:	995905
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.8	14.8
127	13.6	12.0	18.0

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#32

Benzoic acid

Concen: 26.333 ng

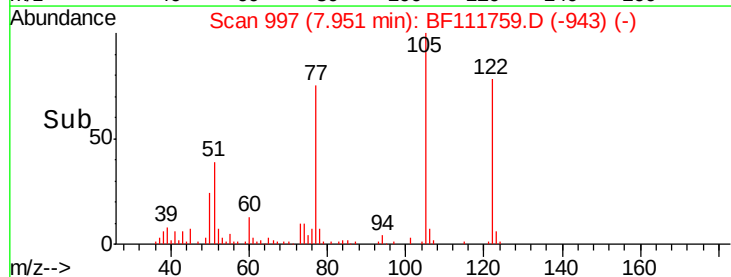
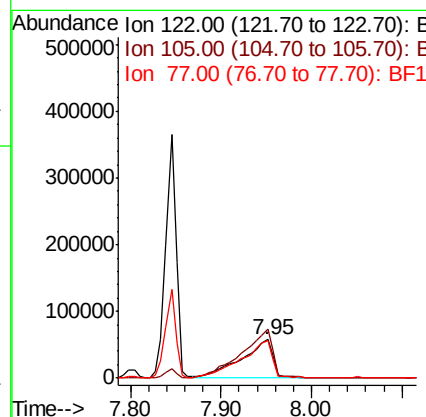
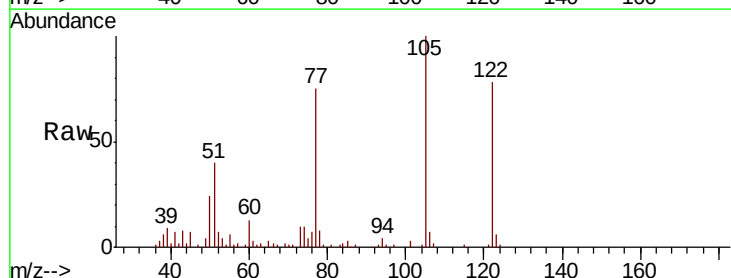
RT: 7.95 min Scan# 997

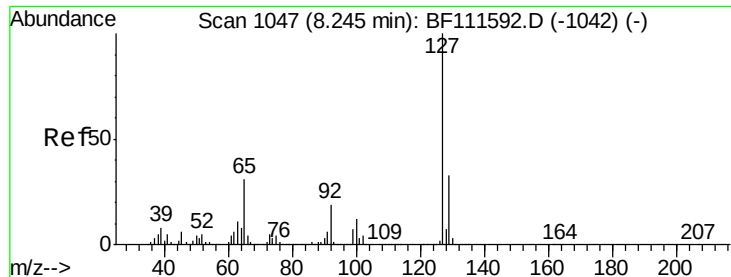
Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	122	Resp:	138283
Ion Ratio	Lower	Upper	
122	100		
105	128.5	97.0	137.0
77	96.7	65.7	105.7





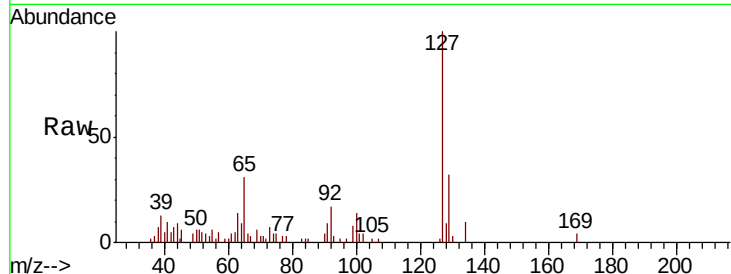
#33
 4-Chloroaniline
 Concen: 2.056 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

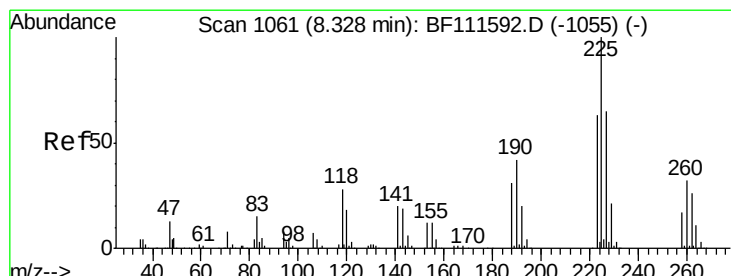
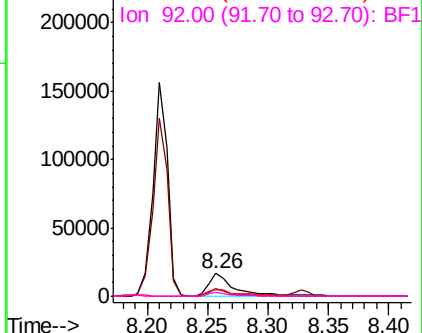
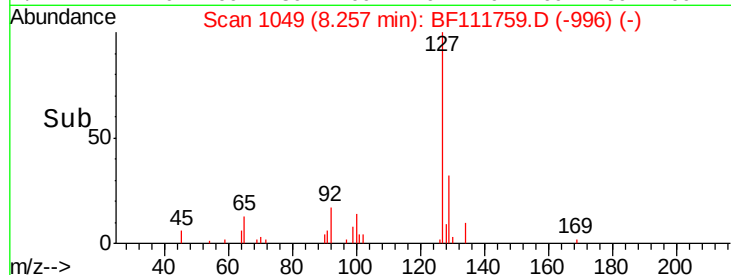
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.6	39.8		
65	30.5	25.7	38.5		
92	17.3	15.4	23.2		

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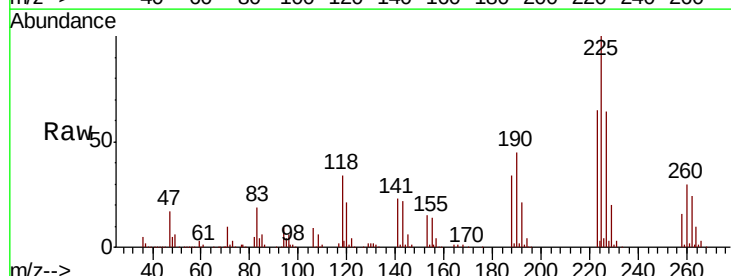


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

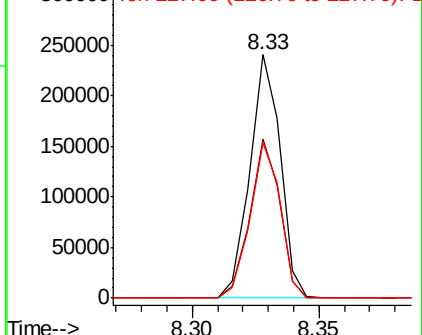
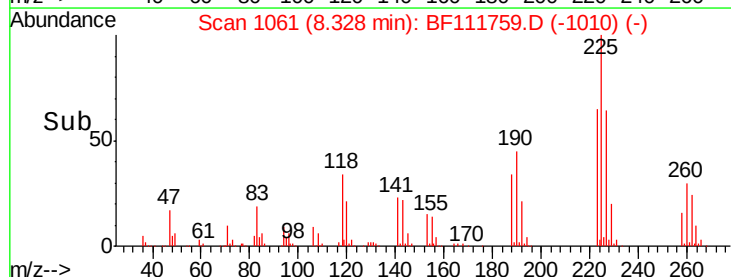


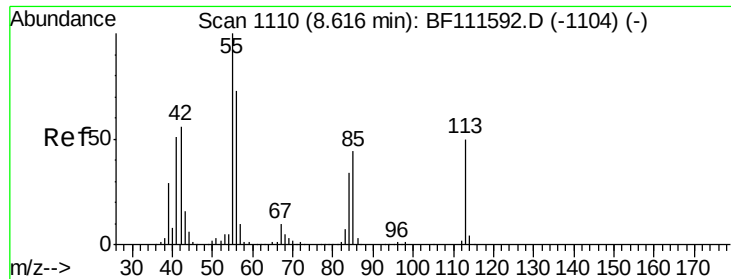
#34
 Hexachlorobutadiene
 Concen: 34.705 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	50.7	76.1		
227	63.7	52.6	78.8		



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





#35

Caprolactam

Concen: 19.541 ng/mL

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

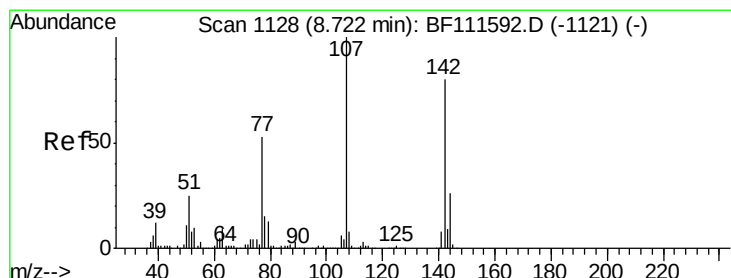
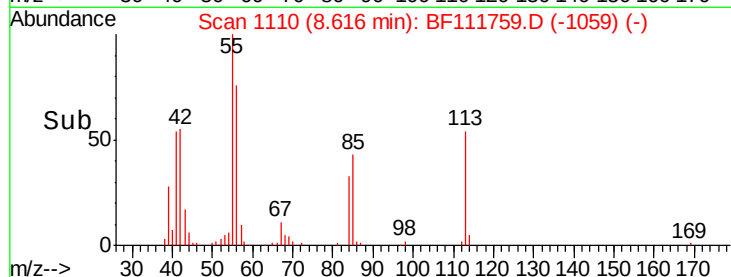
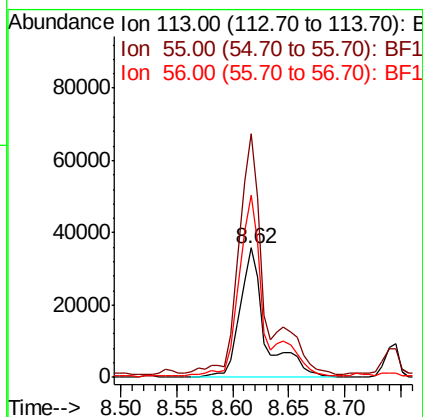
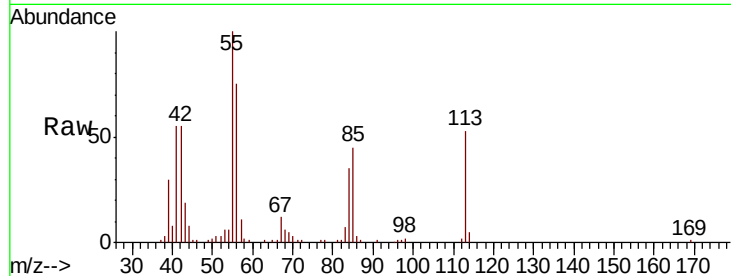
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.2	184.1	224.1
56	141.2	126.0	166.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 31.477 ng/mL

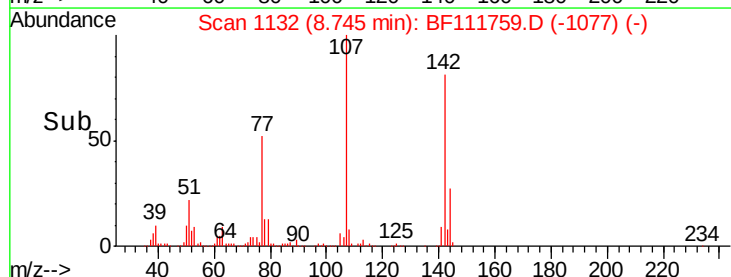
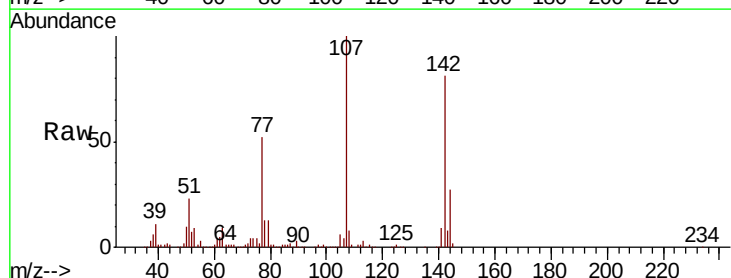
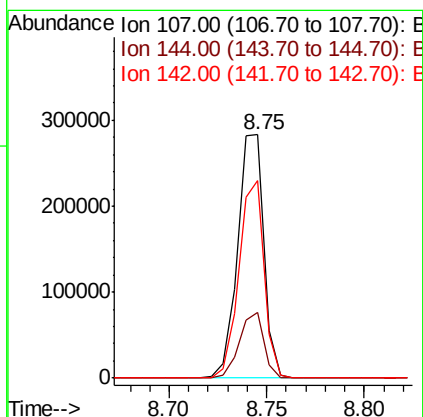
RT: 8.75 min Scan# 1132

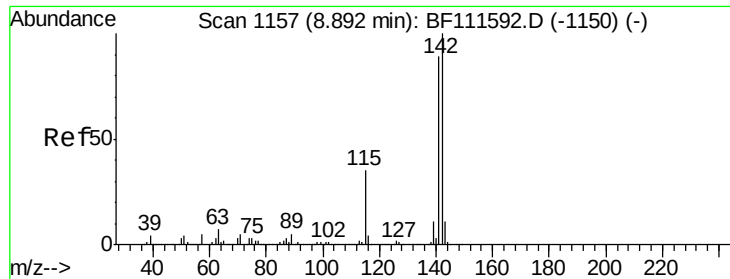
Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	19.8	29.6
142	81.2	62.3	93.5





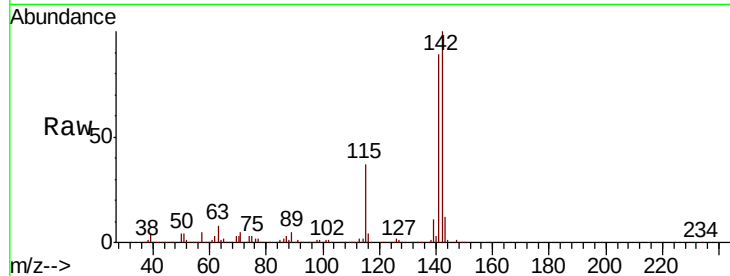
#37
2-Methylnaphthalene
Concen: 37.415 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	105.8
115	36.5	27.0	40.6

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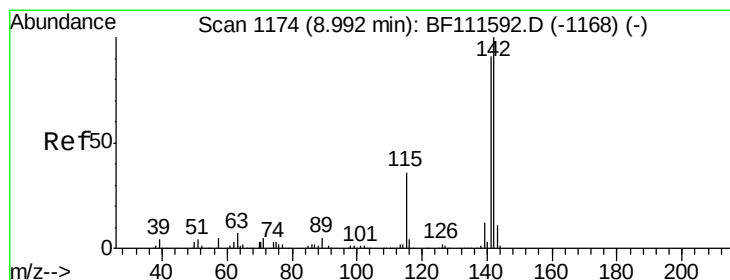
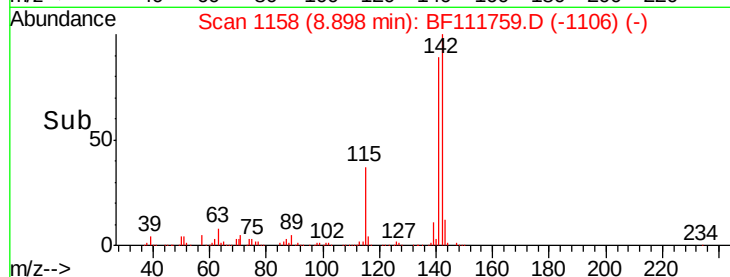
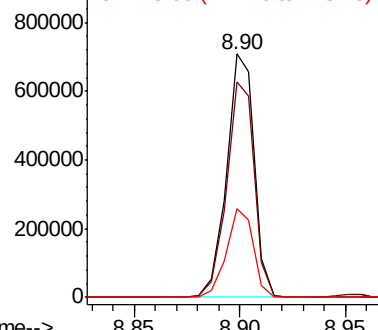


Abundance

Ion 142.00 (141.70 to 142.70): E

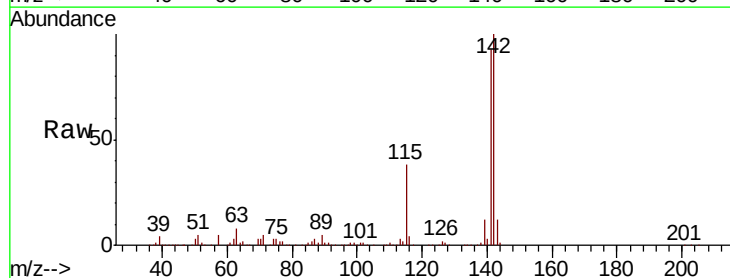
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.327 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	4.1	2.9	4.3

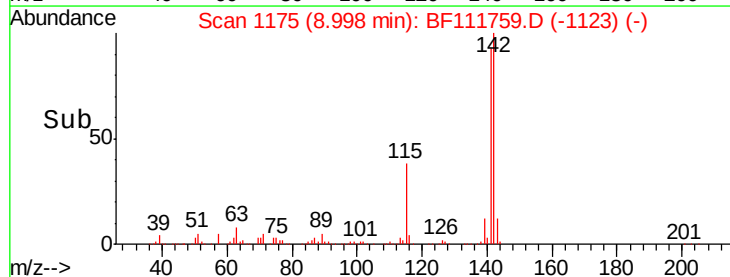
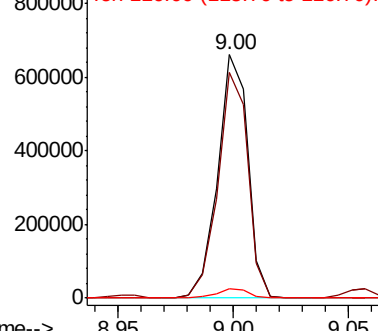


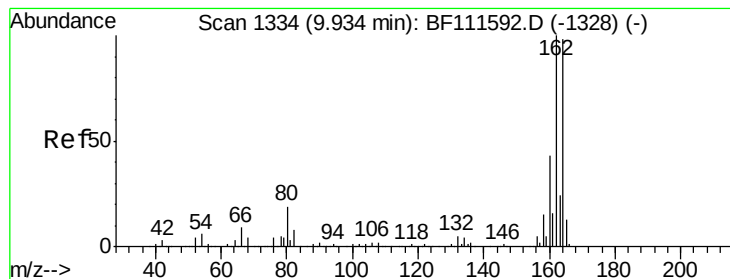
Abundance

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: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

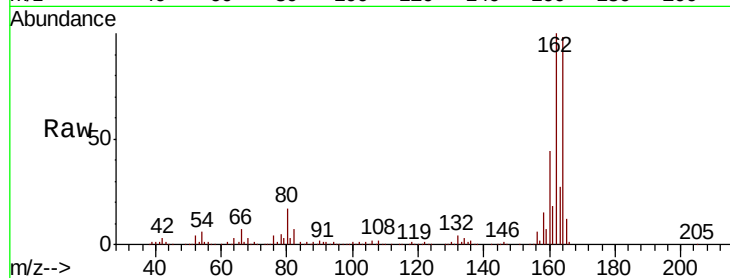
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	164	Resp:	241220
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.4	122.0
160	45.0	35.7	53.5

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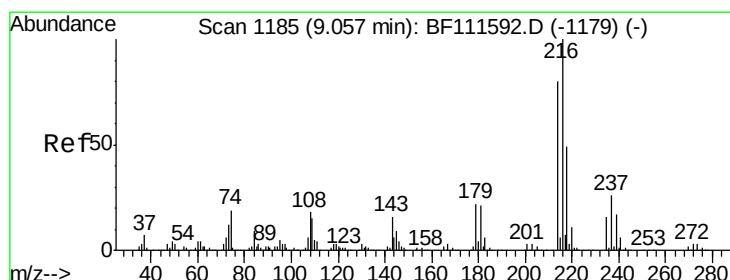
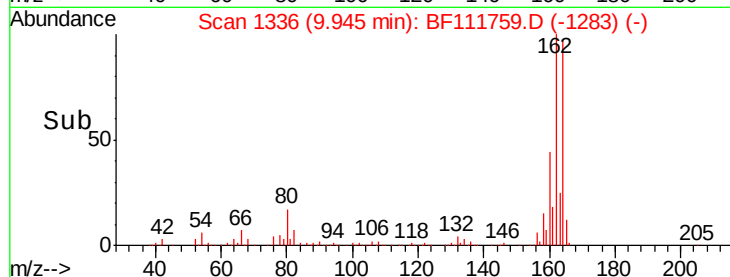
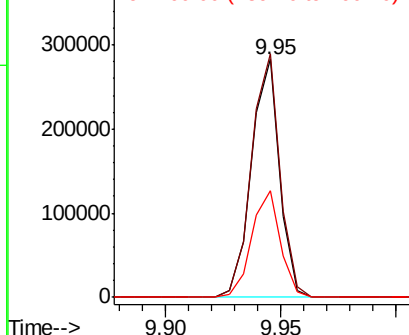


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.817 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	216	Resp:	315608
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.8
179	21.4	17.9	26.9
108	18.5	18.4	27.6

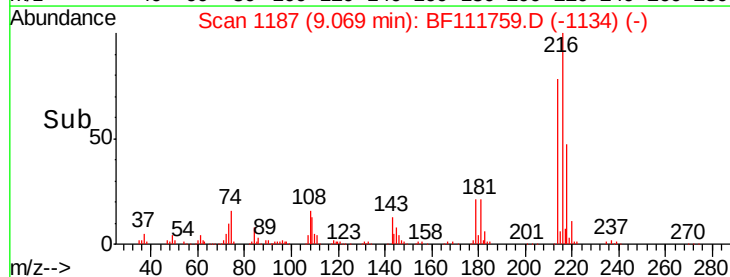
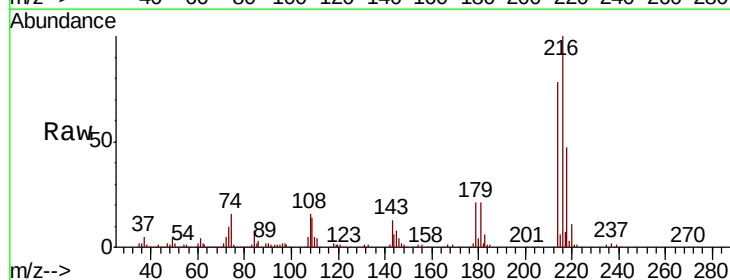
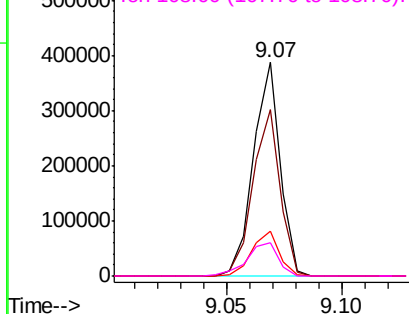
Abundance

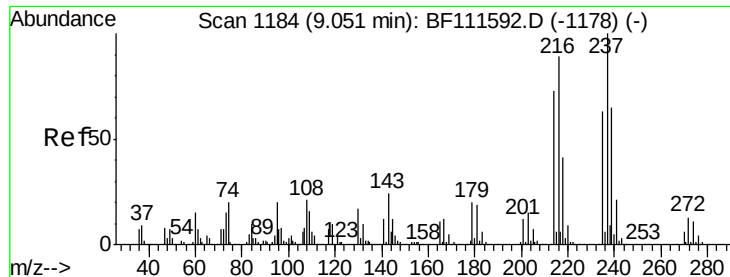
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





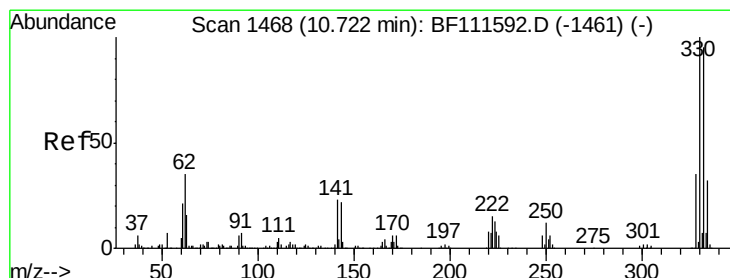
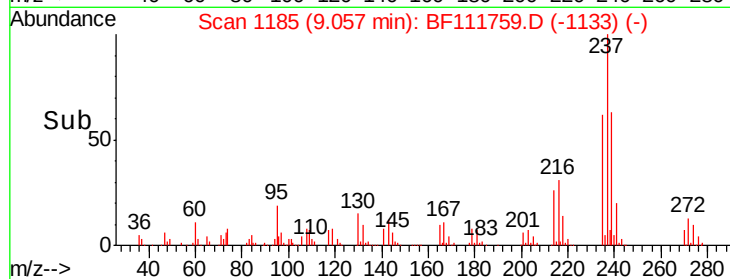
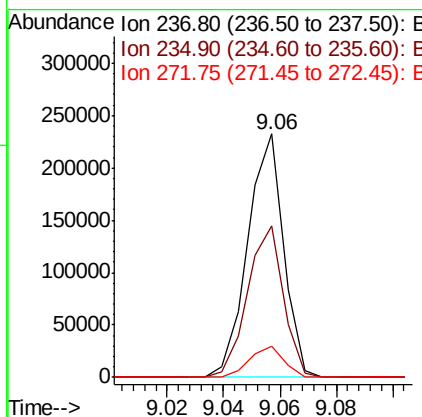
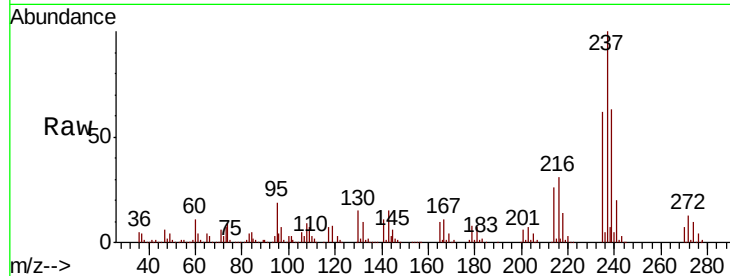
#41
Hexachlorocyclopentadiene
Concen: 53.007 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion:	237	Resp:	203889
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.1	83.1
272	12.9	0.0	33.0

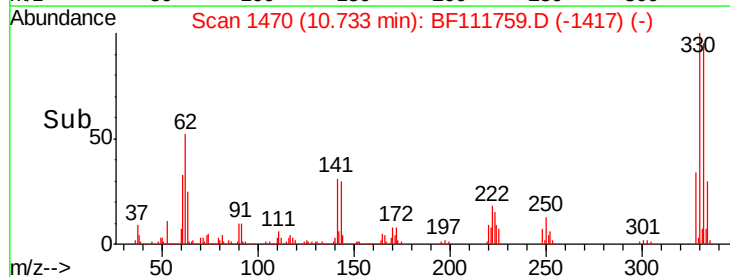
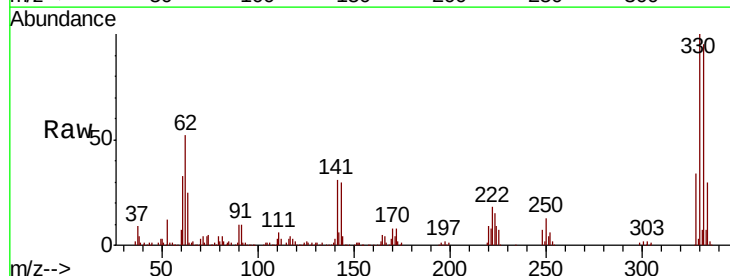
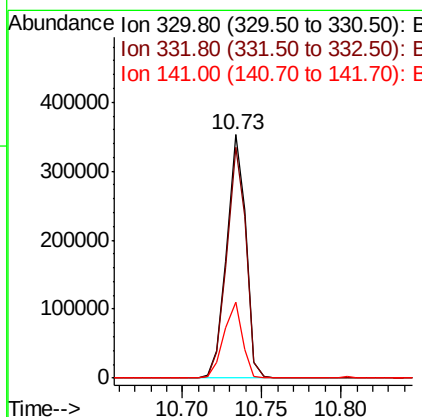
Manual Integrations
APPROVED

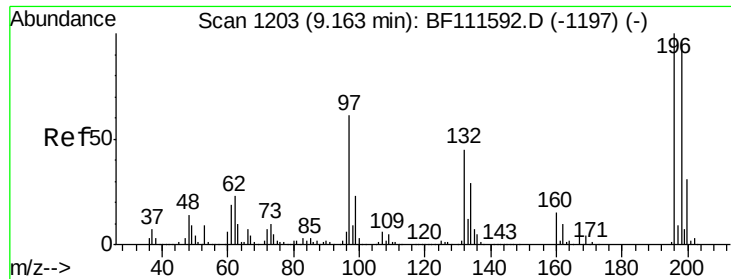
Sohil
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#42
2,4,6-Tribromophenol
Concen: 104.018 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion:	330	Resp:	296473
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.0	114.0
141	30.6	31.0	46.6#





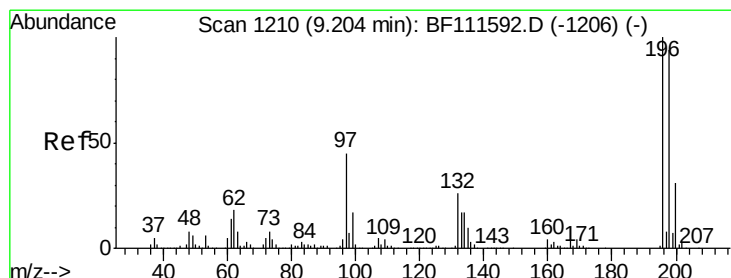
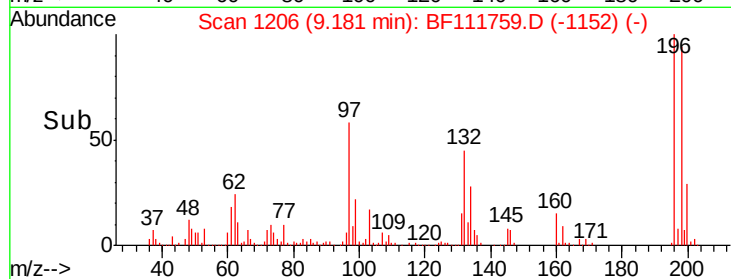
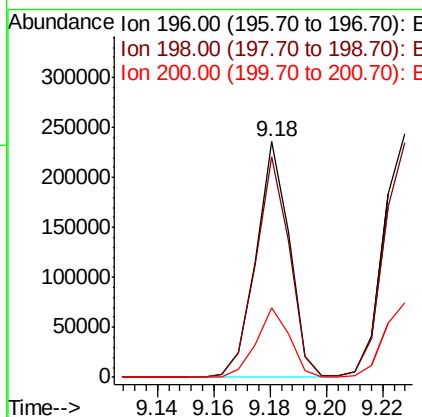
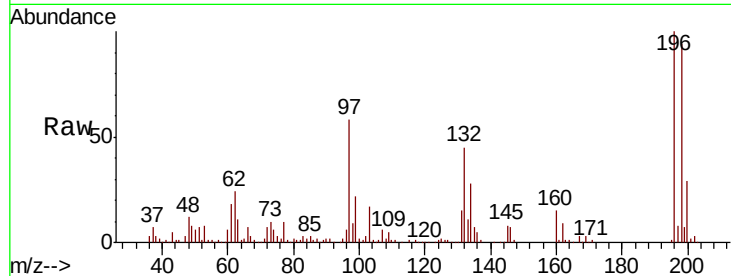
#43
2,4,6-Trichlorophenol
Concen: 36.587 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193625		
198	93.5	76.3	114.5	
200	29.3	24.9	37.3	

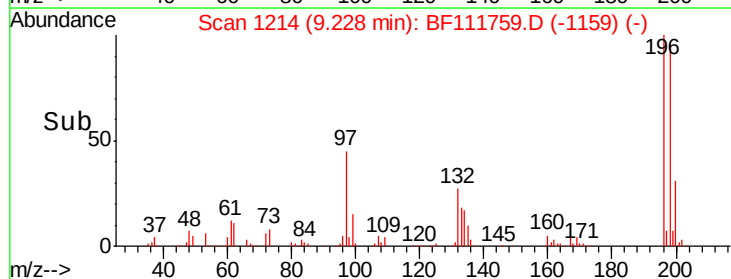
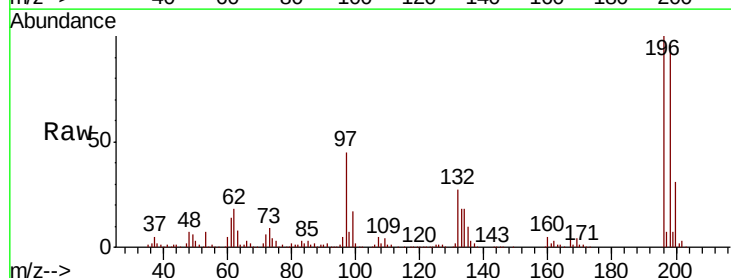
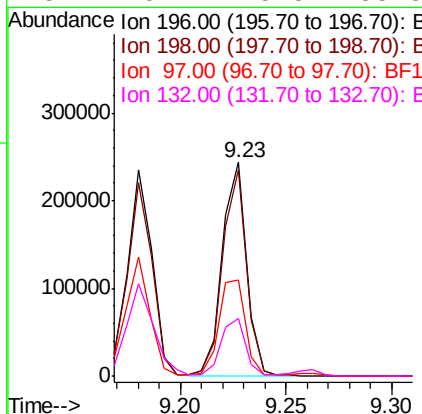
Manual Integrations
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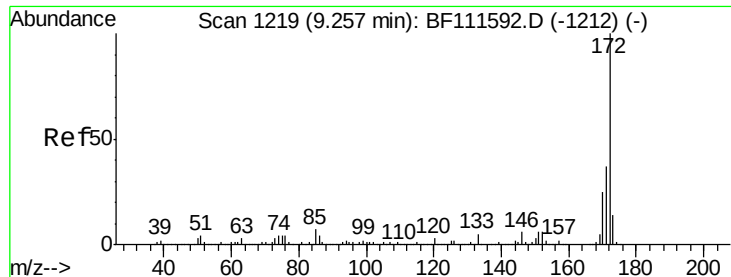
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#44
2,4,5-Trichlorophenol
Concen: 35.785 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194284		
198	96.3	72.9	109.3	
97	45.2	45.3	67.9	
132	26.7	25.5	38.3	





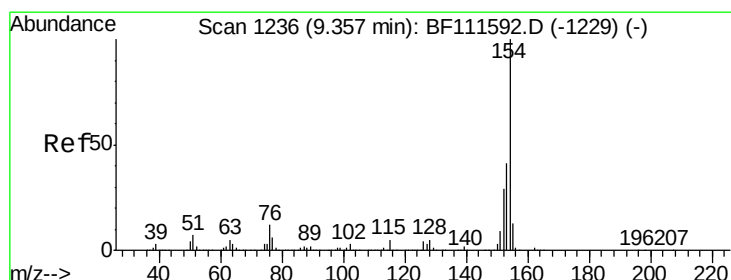
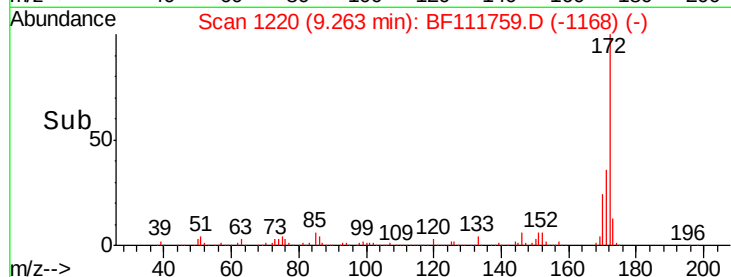
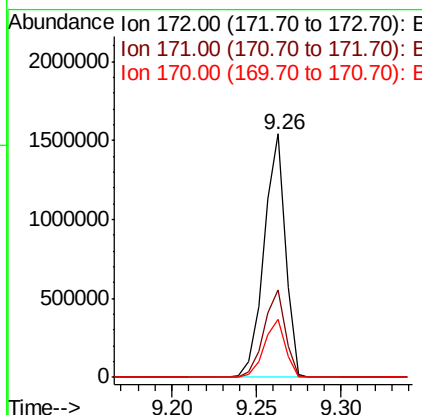
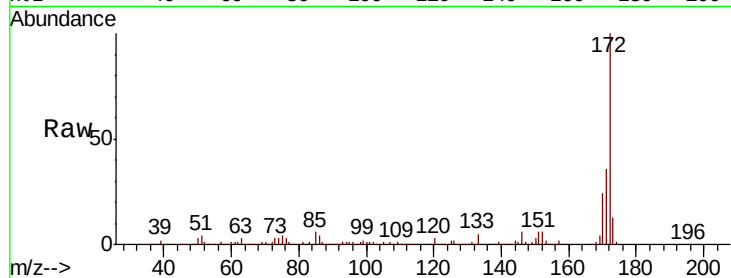
#45
2-Fluorobiphenyl
Concen: 81.621 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.7	33.0	49.4	
170	23.6	22.3	33.5	

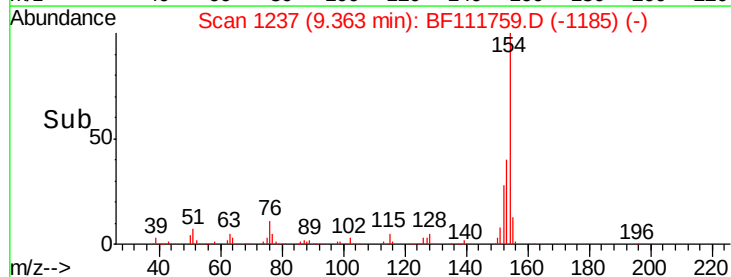
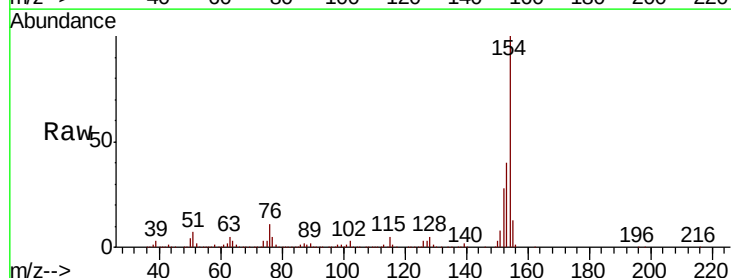
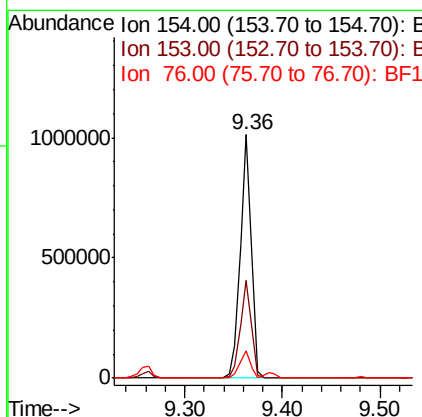
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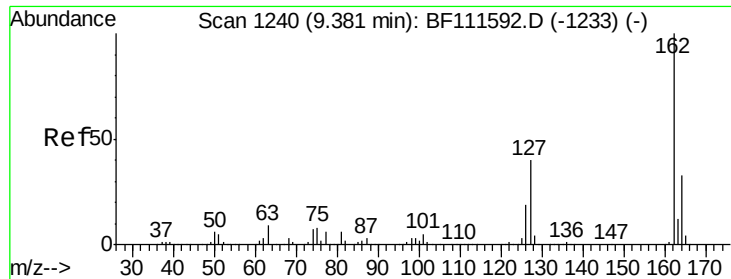
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#46
1,1'-Biphenyl
Concen: 38.669 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.4	23.7	63.7	
76	11.3	0.0	35.0	





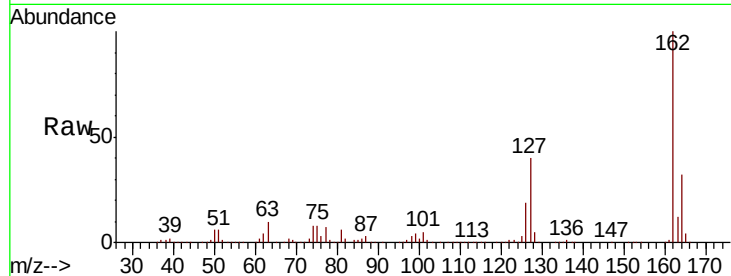
#47
2-Chloronaphthalene
Concen: 37.002 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	596953		
127	39.8	35.0	52.4	
164	32.2	28.4	42.6	

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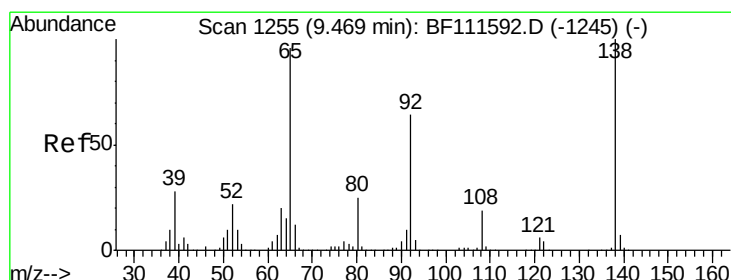
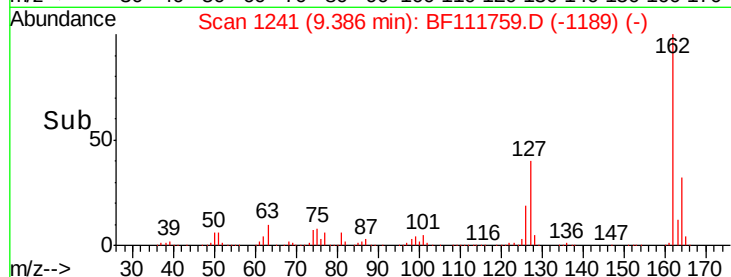
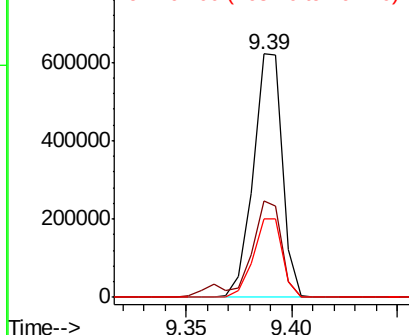


Abundance

Ion 162.00 (161.70 to 162.70): E

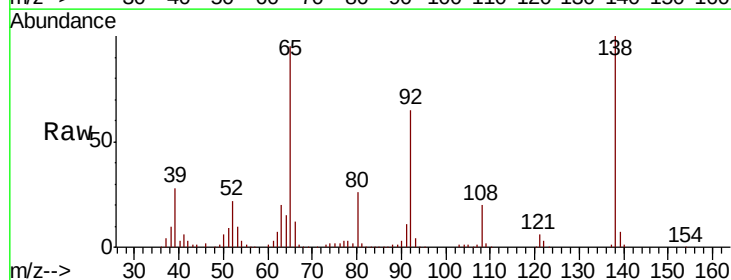
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.306 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	169165		
92	69.0	53.5	80.3	
138	105.6	80.9	121.3	

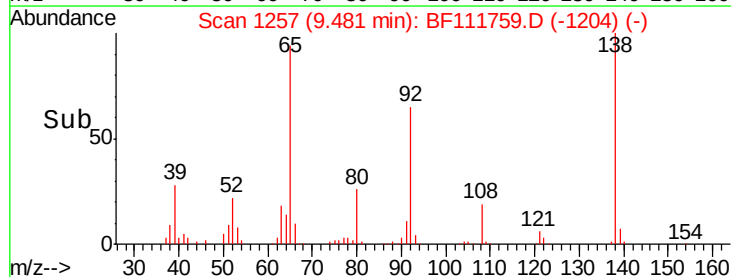
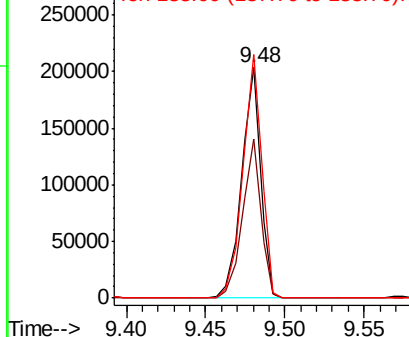


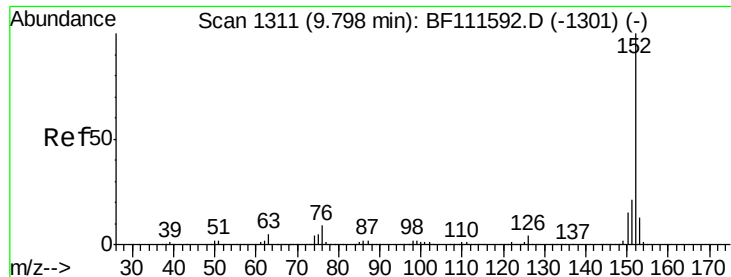
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.600 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

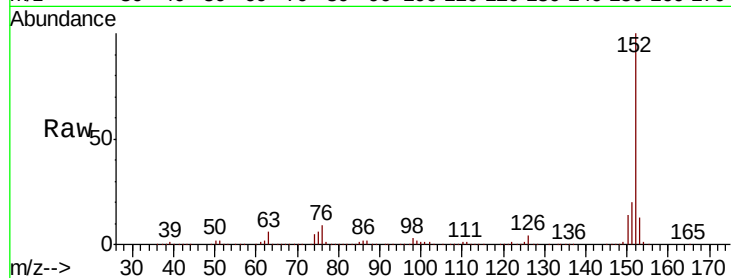
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion	152	Resp	885682
Ion Ratio	Lower	Upper	
152	100		
151	19.9	18.0	27.0
153	13.4	12.3	18.5

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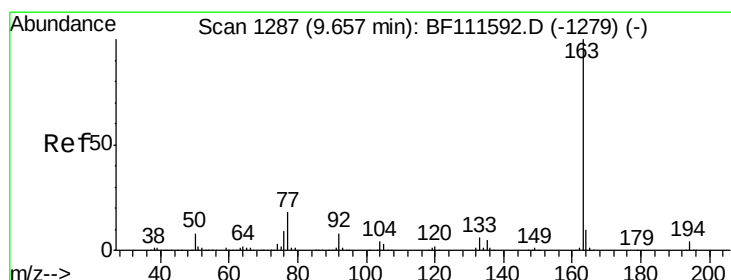
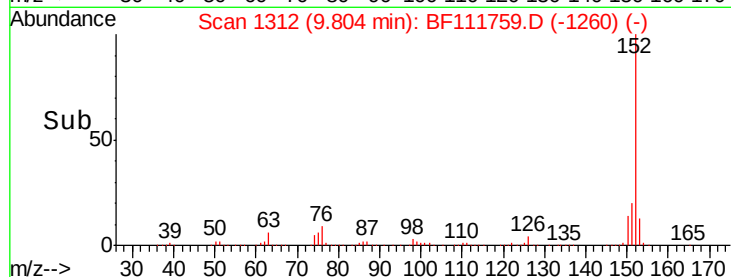
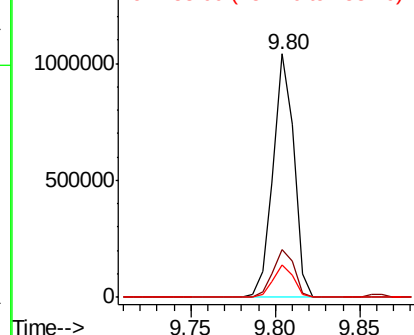


Abundance

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: 46.900 ng

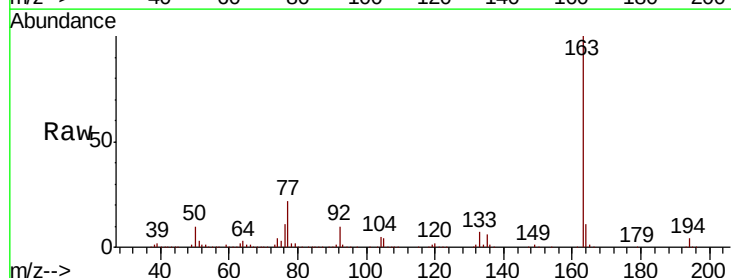
RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion	163	Resp	827295
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.6
164	10.9	8.9	13.3

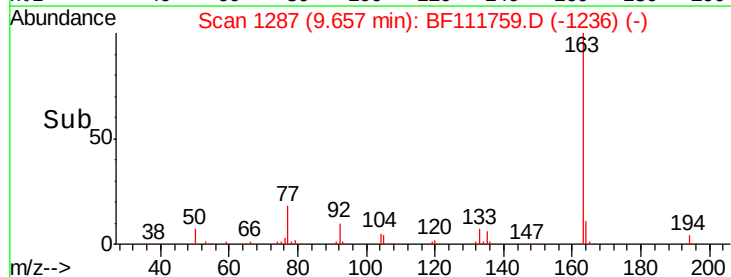
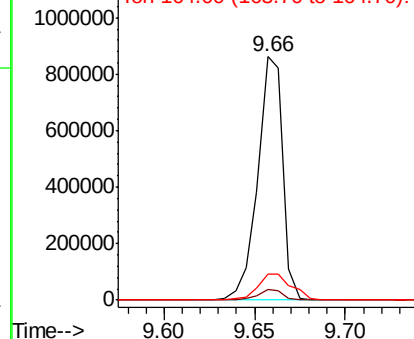


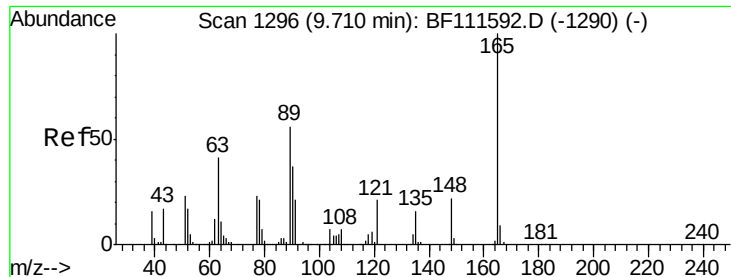
Abundance

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





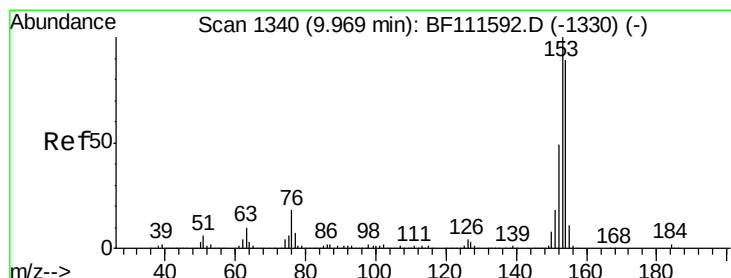
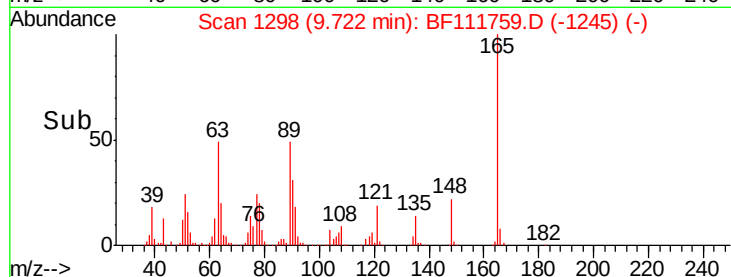
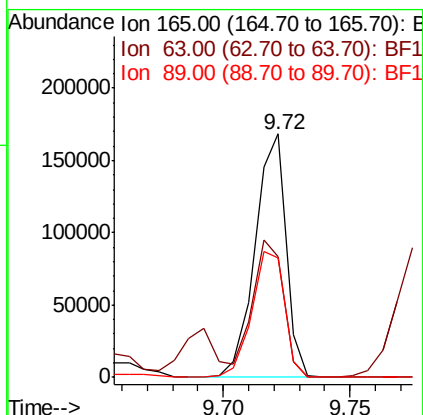
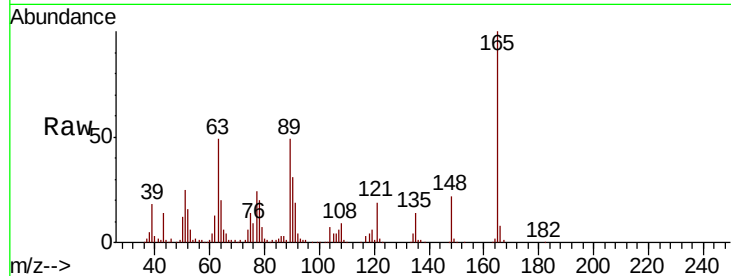
#51
2,6-Dinitrotoluene
Concen: 41.117 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	144623		
63	49.5		40.5	60.7
89	49.1		40.0	60.0

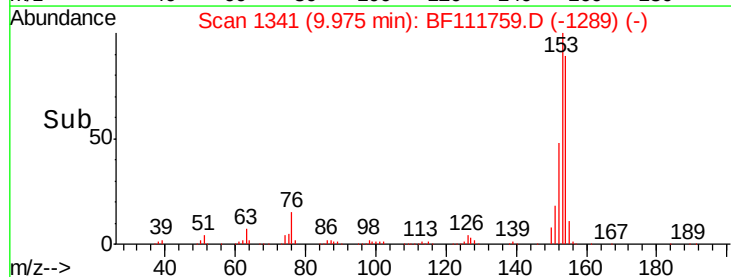
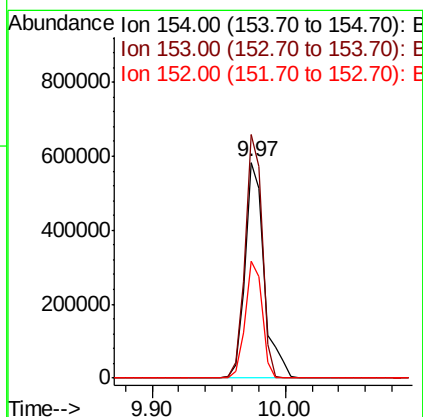
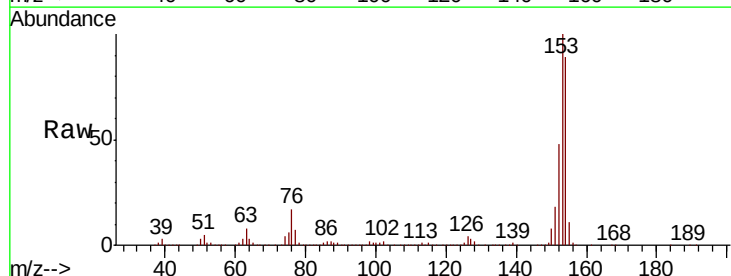
Manual Integrations
APPROVED

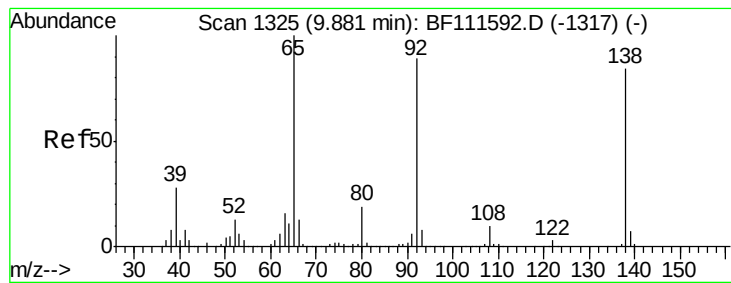
Sohil
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#52
Acenaphthene
Concen: 39.616 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	575541		
153	112.8		87.8	131.8
152	54.2		43.4	65.2





#53

3-Nitroaniline

Concen: 11.879 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

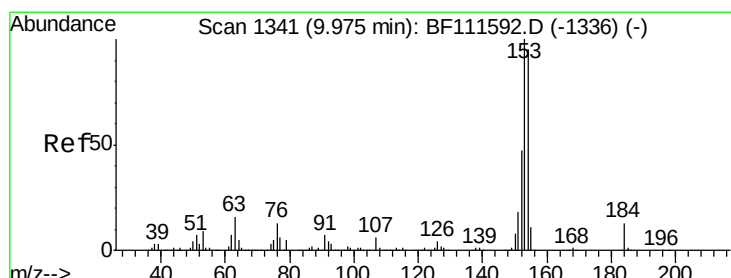
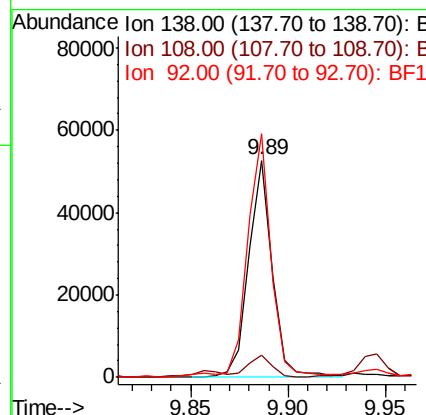
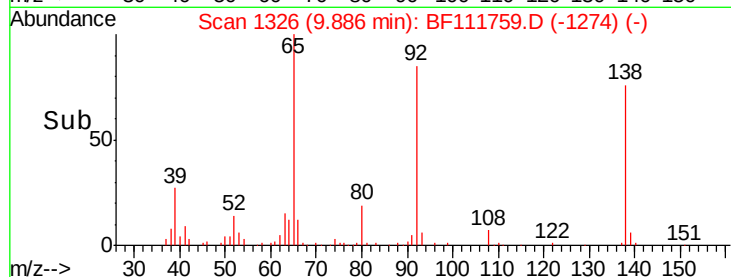
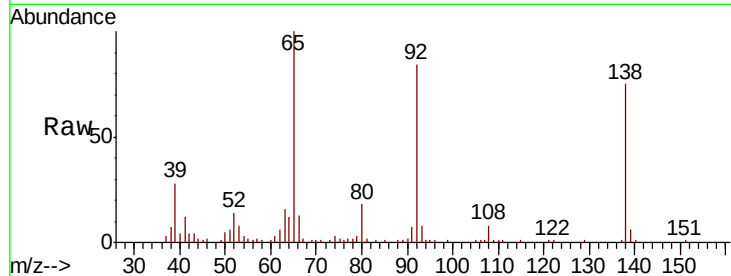
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	138	Resp:	44559
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.2	12.4
92	112.0	93.4	140.2

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 91.699 ng

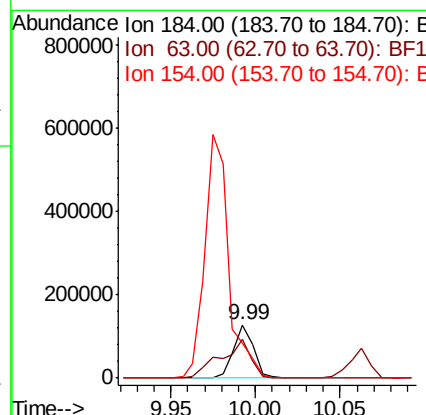
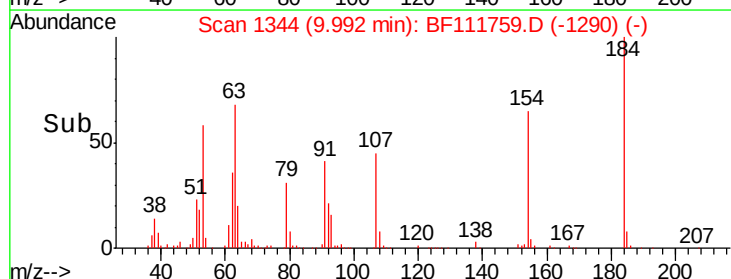
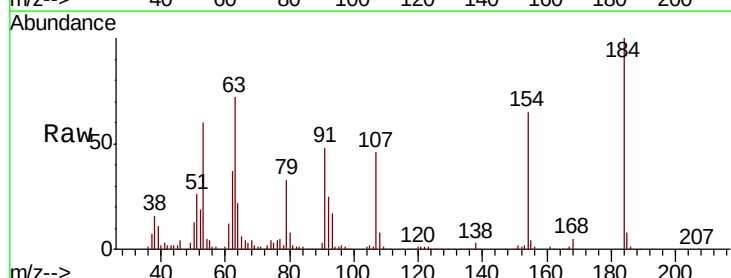
RT: 9.99 min Scan# 1344

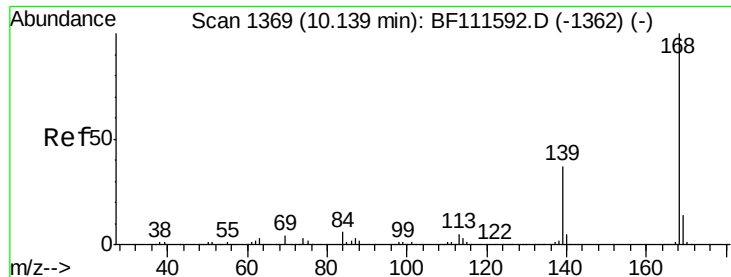
Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	184	Resp:	104837
Ion Ratio	Lower	Upper	
184	100		
63	72.4	62.3	93.5
154	64.9	56.2	84.2





#55

Dibenzofuran

Concen: 36.091 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

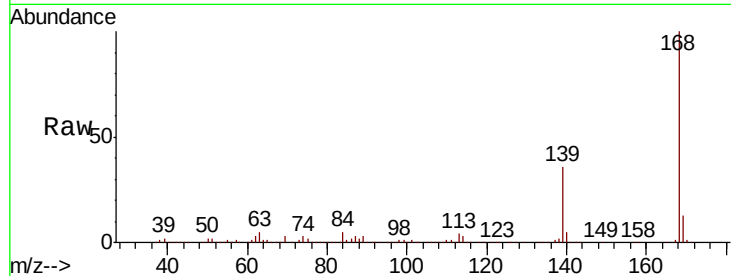
ClientSampleId :

P001-SS022-0612-01MS

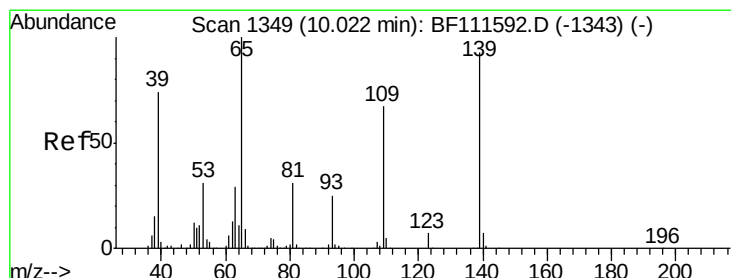
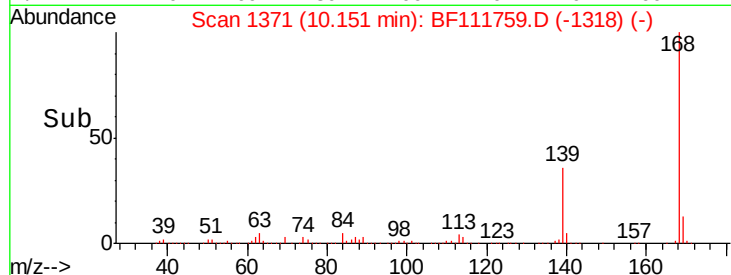
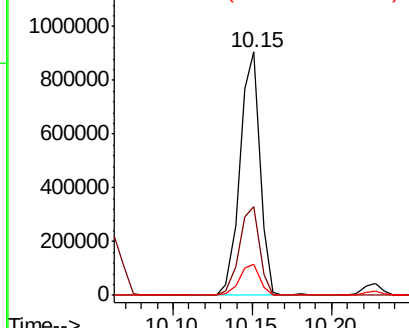
Tot Ion:	168	Resp:	792161
Ion Ratio	Lower	Upper	
168	100		
139	36.3	32.6	49.0
169	13.0	11.8	17.6

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.738 ng

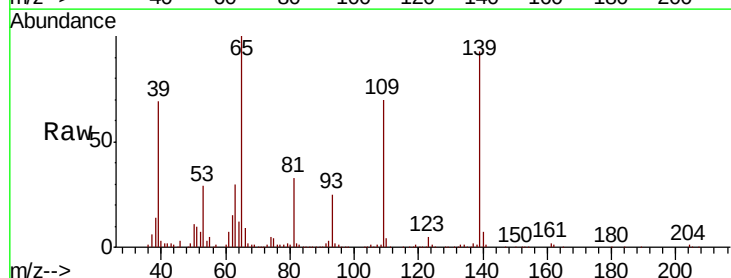
RT: 10.06 min Scan# 1356

Delta R.T. 0.04 min

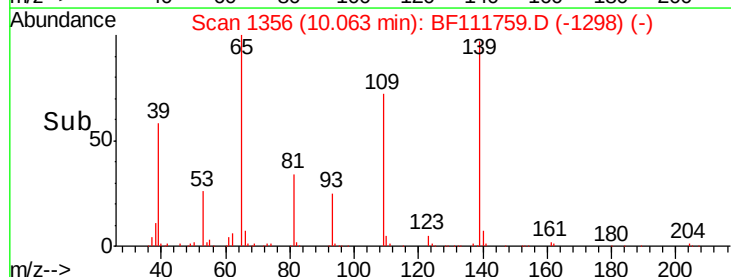
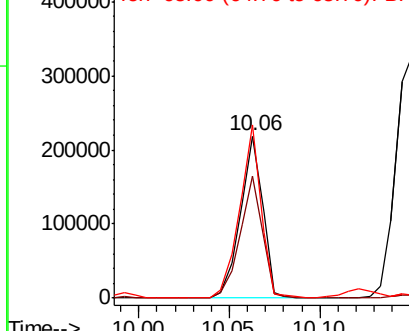
Lab File: BF111759.D

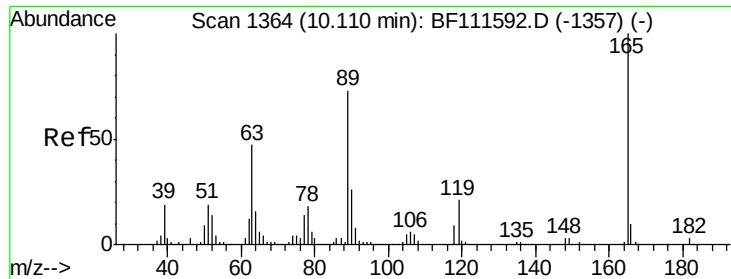
Acq: 27 Dec 2018 13:49

Tgt Ion:	139	Resp:	188194
Ion Ratio	Lower	Upper	
139	100		
109	75.1	41.8	81.8
65	107.2	79.6	119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.490 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

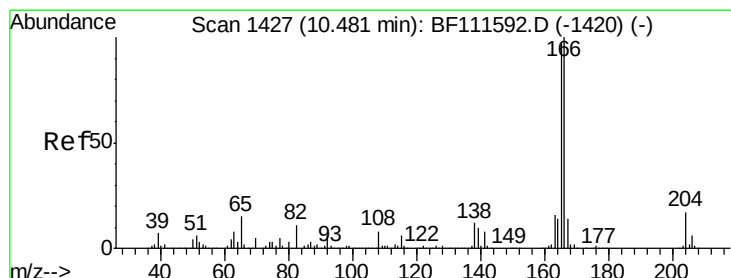
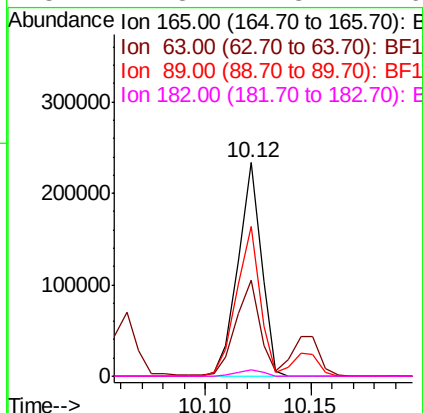
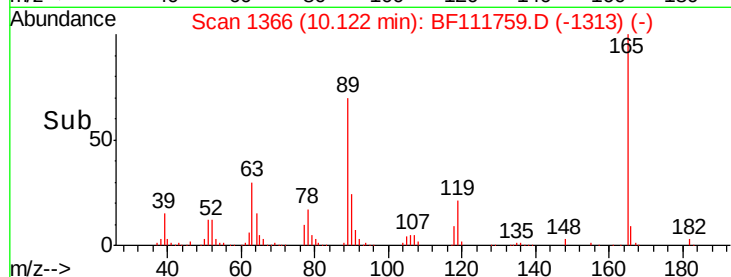
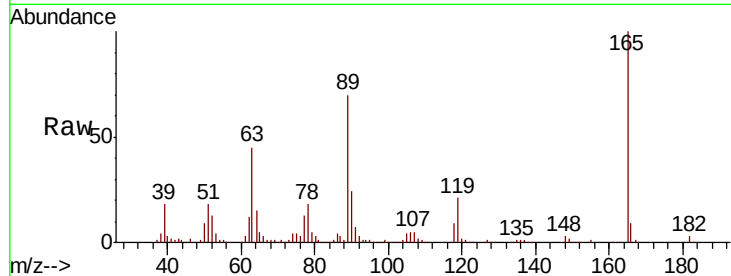
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		179623		
63	44.9	34.6	52.0		
89	70.1	56.2	84.4		
182	2.8	1.8	2.6#		

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#58

Fluorene

Concen: 37.750 ng

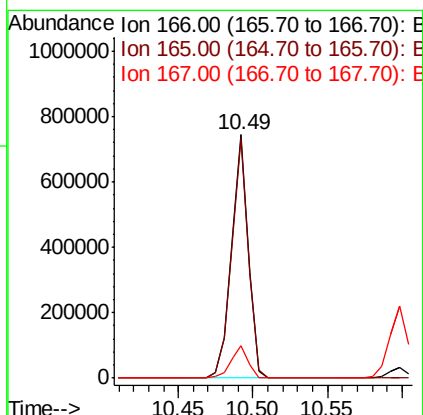
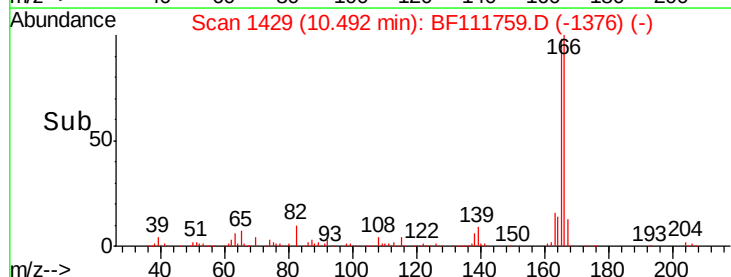
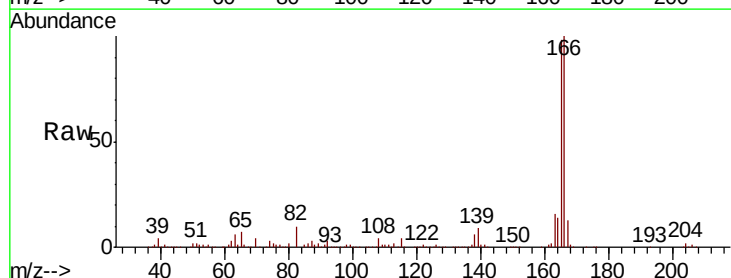
RT: 10.49 min Scan# 1429

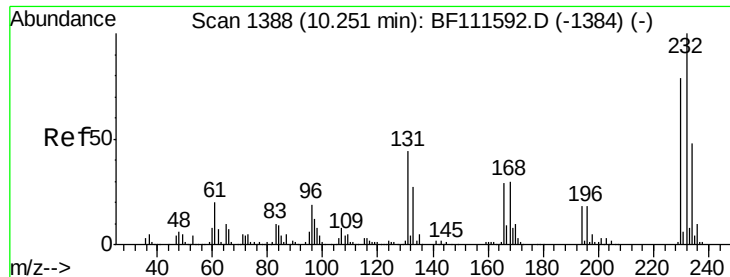
Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		597063		
165	98.2	78.4	117.6		
167	13.1	11.2	16.8		





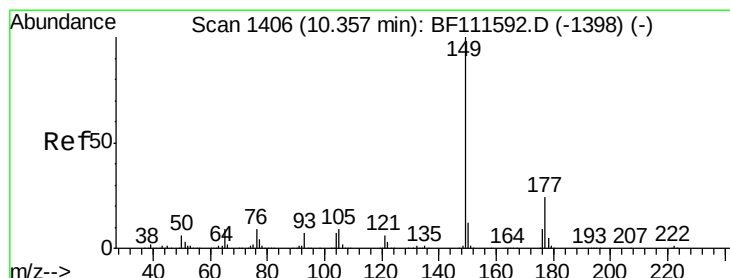
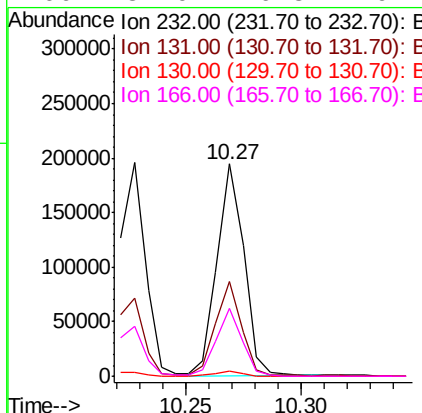
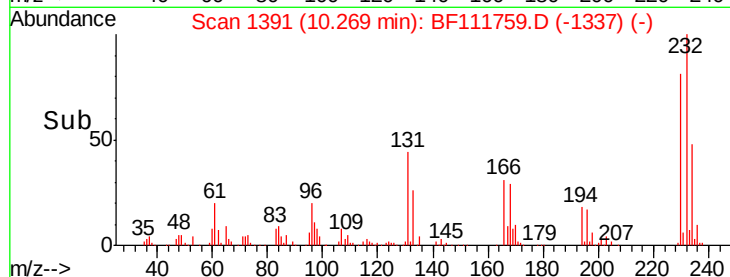
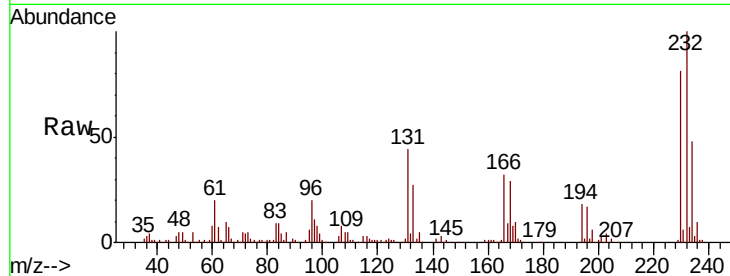
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.333 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	40.9	61.3
130	2.4	2.0	3.0
166	31.0	26.8	40.2

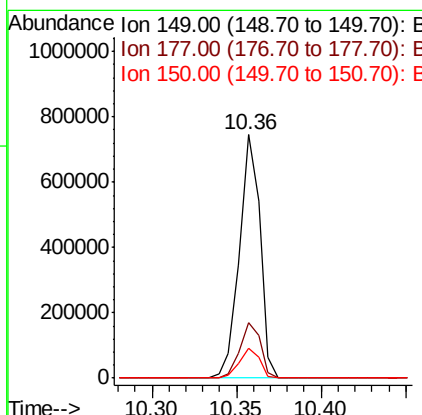
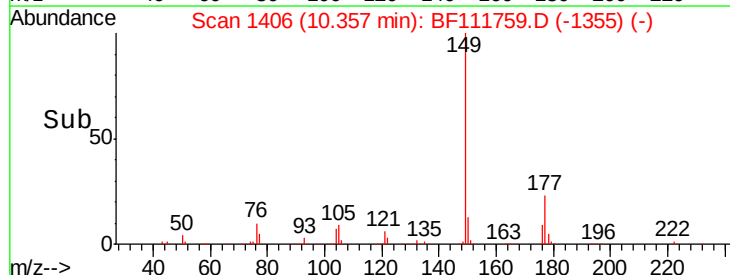
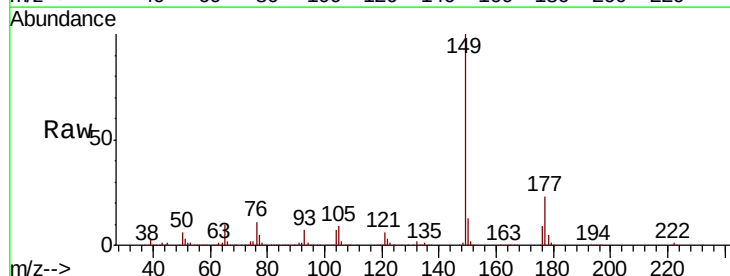
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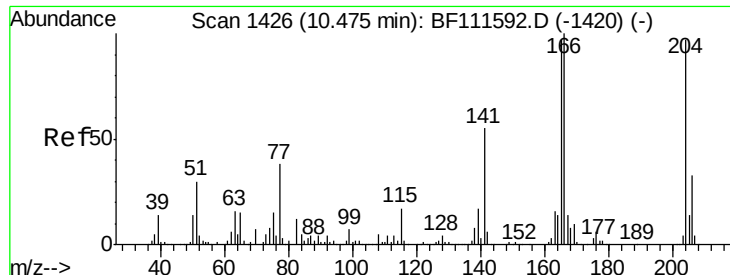
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#60
Diethylphthalate
Concen: 36.471 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.5	10.6	15.8





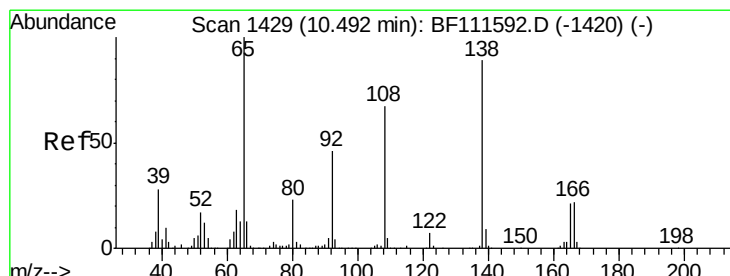
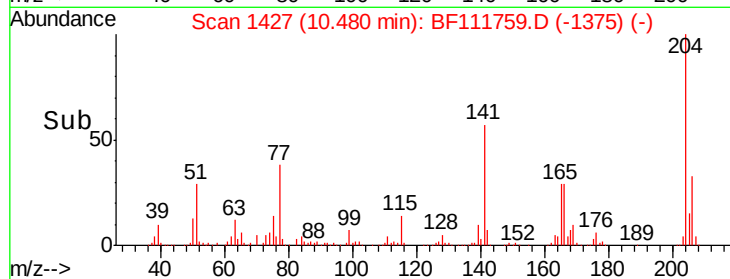
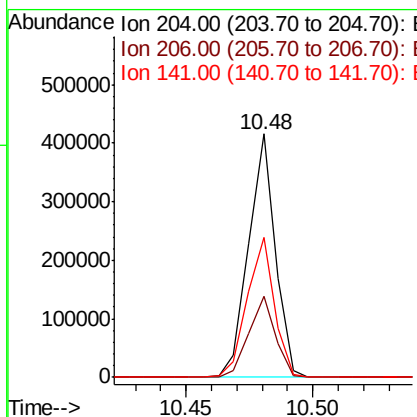
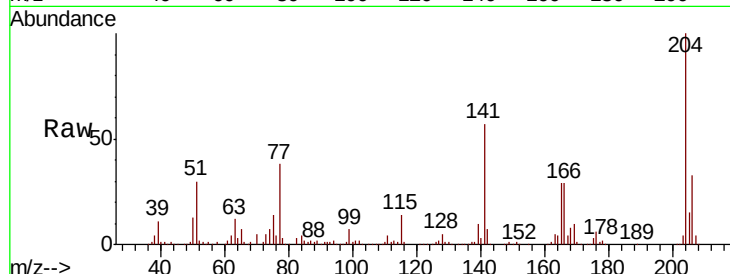
#61
 4-Chlorophenyl-phenylether
 Concen: 34.887 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion:	204	Resp:	304849
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	39.8
141	57.4	52.6	78.8

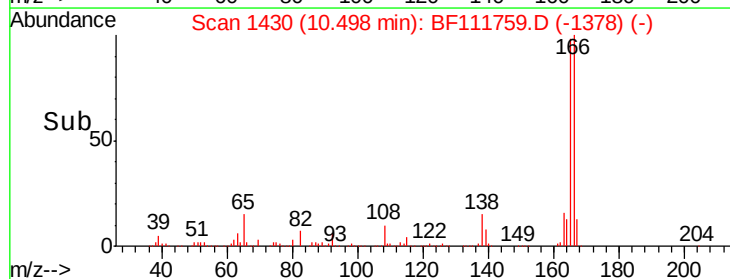
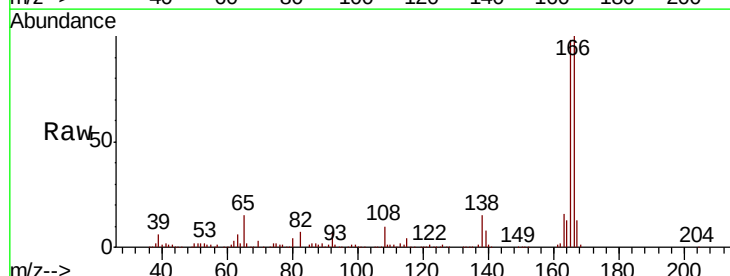
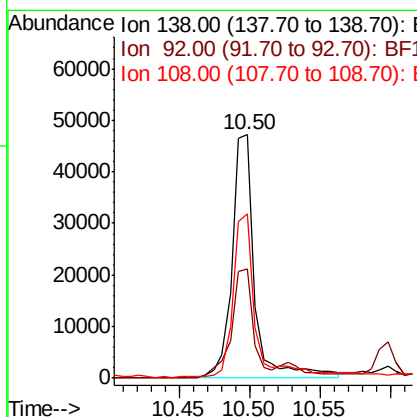
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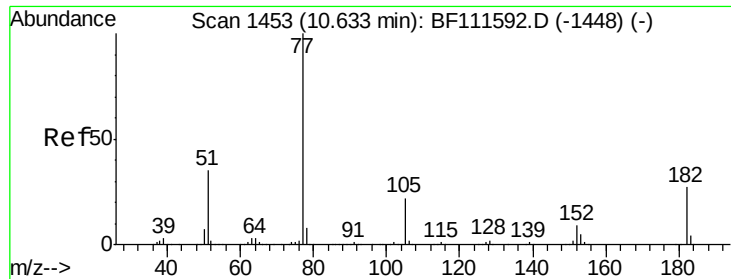
Sohil
 12/28/2018 10:37:20 AM



#62
 4-Nitroaniline
 Concen: 14.434 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion:	138	Resp:	52625
Ion Ratio	Lower	Upper	
138	100		
92	44.6	29.9	69.9
108	67.7	43.2	83.2





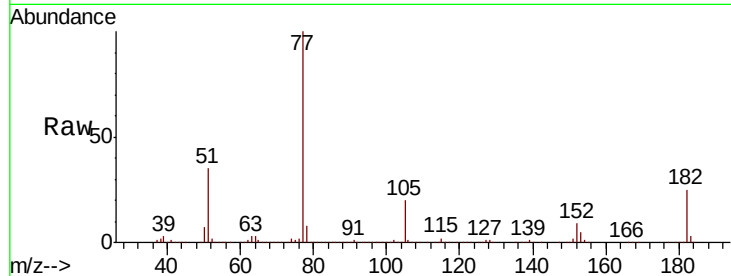
#63
Azobenzene
Concen: 32.182 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

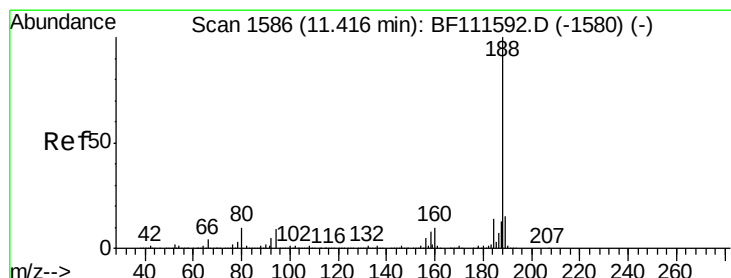
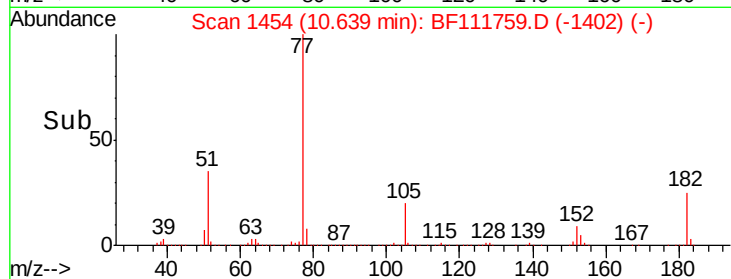
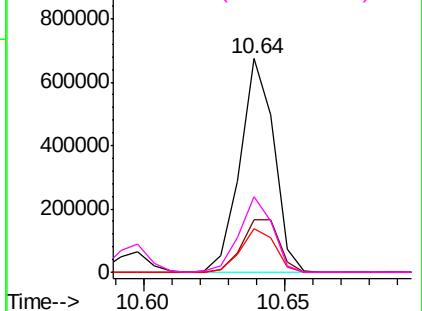
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		559043		
182	24.9	4.9	44.9		
105	20.5	6.0	46.0		
51	35.3	14.7	54.7		

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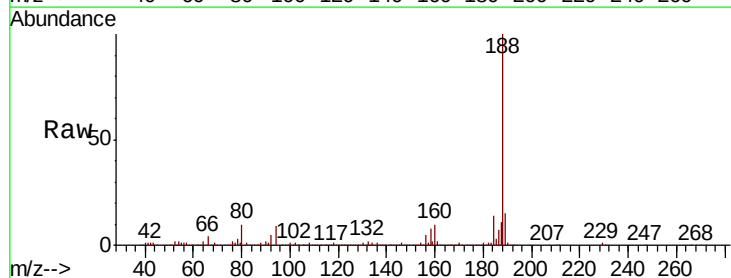


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

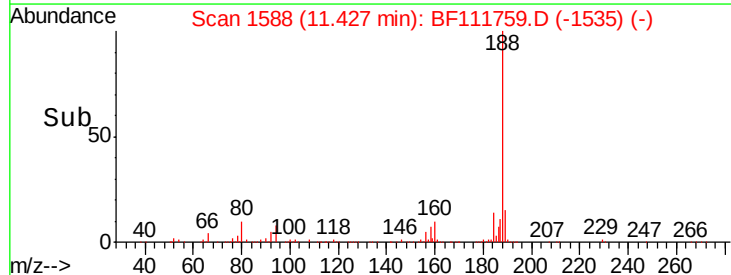
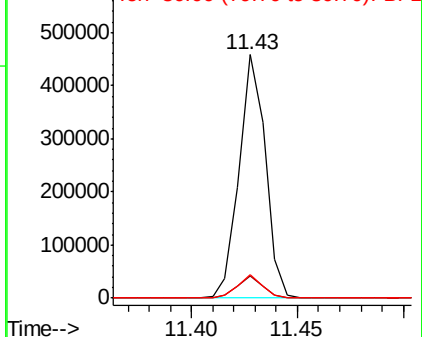


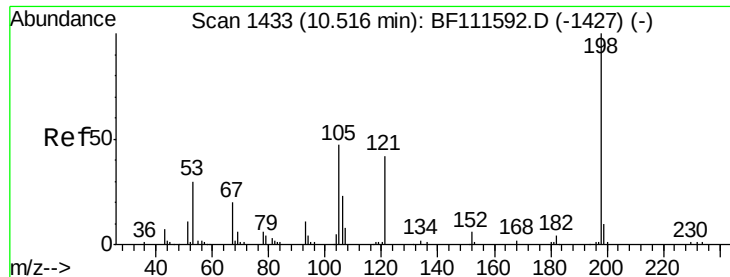
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		394249		
94	8.9	9.6	14.4#		
80	9.8	9.8	14.6		



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





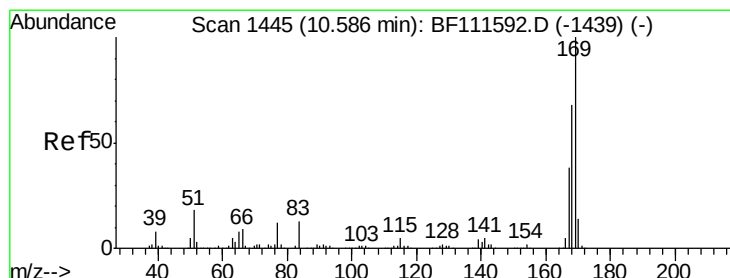
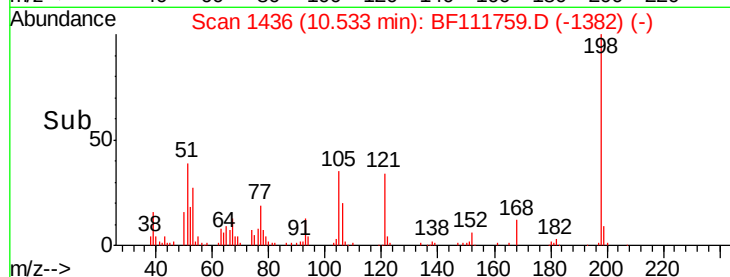
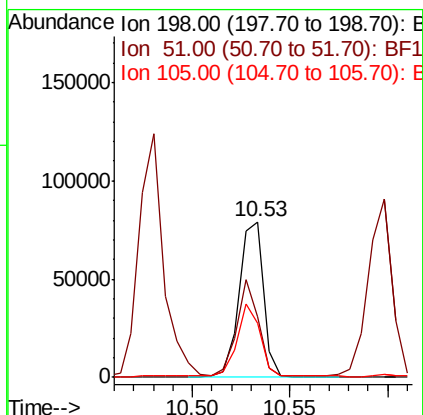
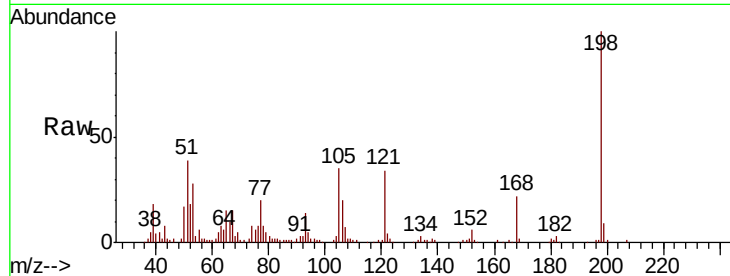
#65
4,6-Dinitro-2-methylphenol
Concen: 43.006 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	48.0	88.0#
105	35.1	34.0	74.0

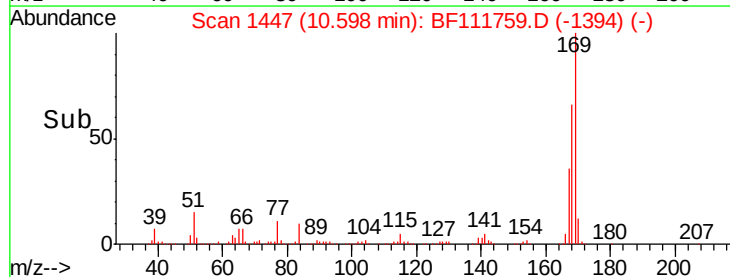
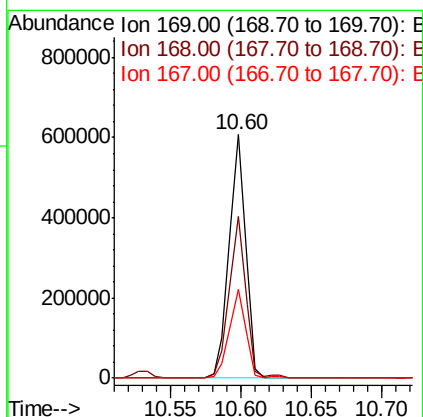
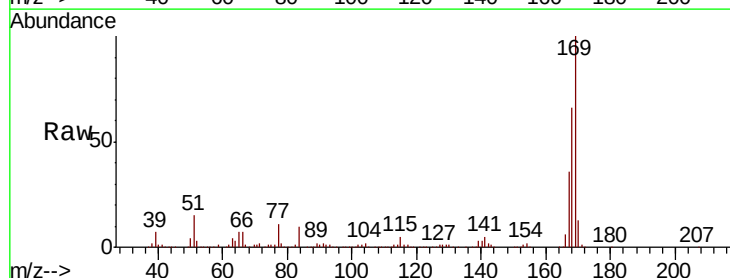
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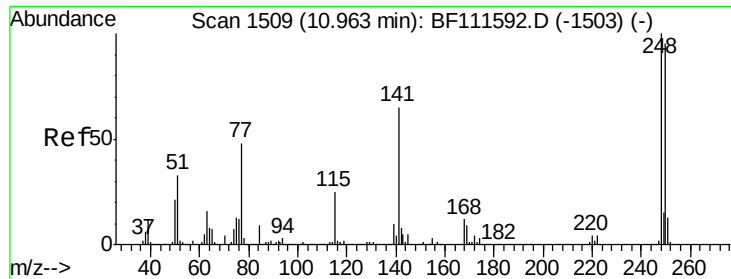
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 37.785 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.4	81.6
167	36.3	30.5	45.7





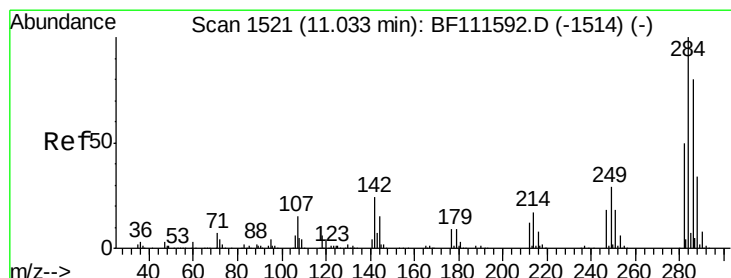
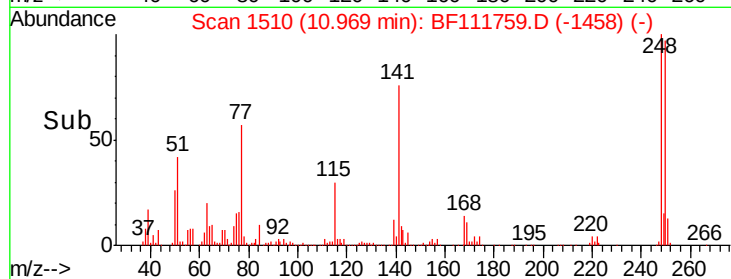
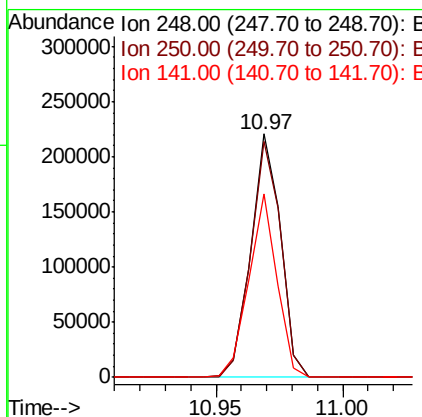
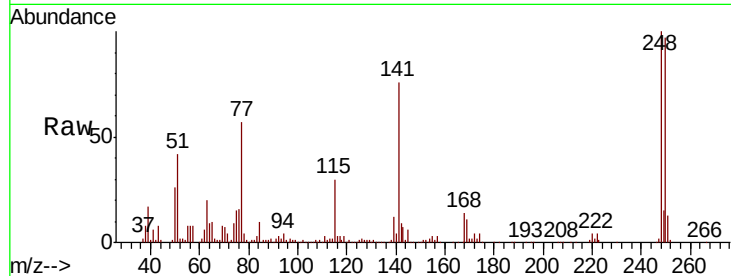
#67
 4-Bromophenyl-phenylether
 Concen: 36.846 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.4
141	75.6	63.0	94.6

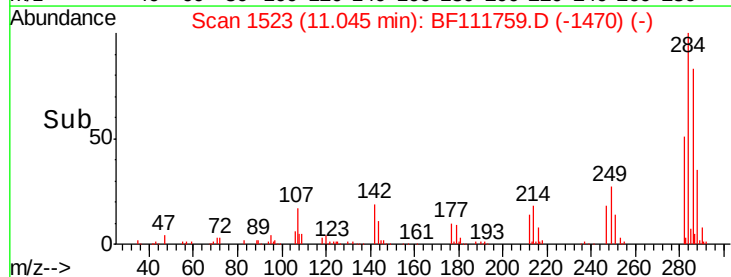
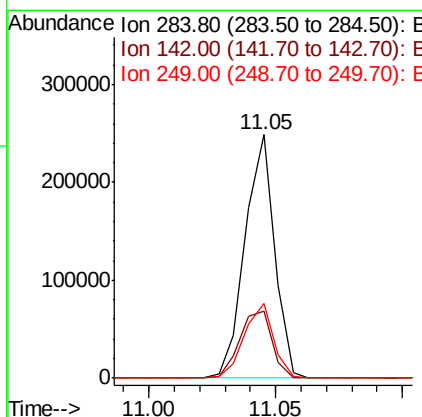
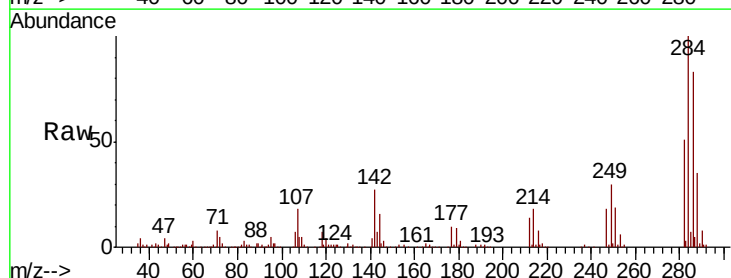
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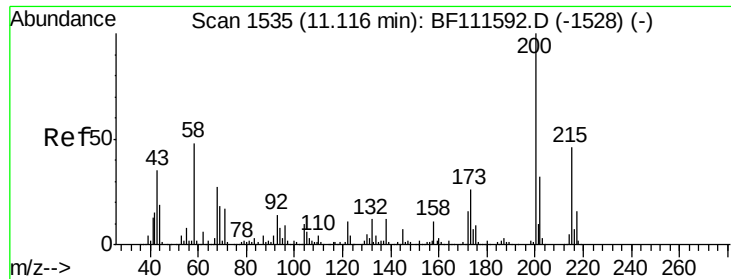
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#68
 Hexachlorobenzene
 Concen: 37.103 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.4	41.2#
249	30.4	24.4	36.6





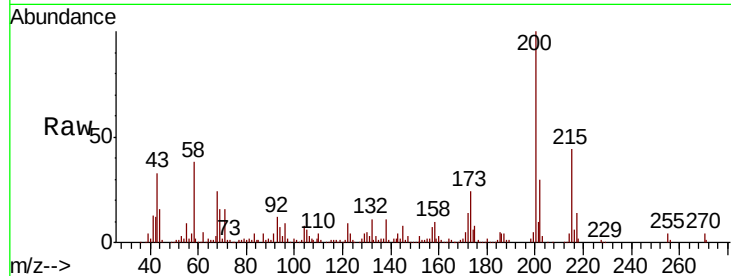
#69
Atrazine
Concen: 33.612 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	154533		
173	24.2	10.1	50.1	
215	44.1	26.9	66.9	

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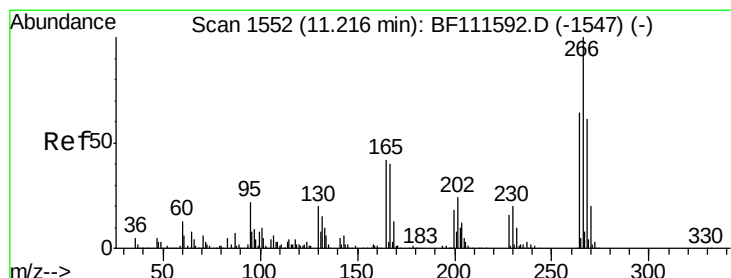
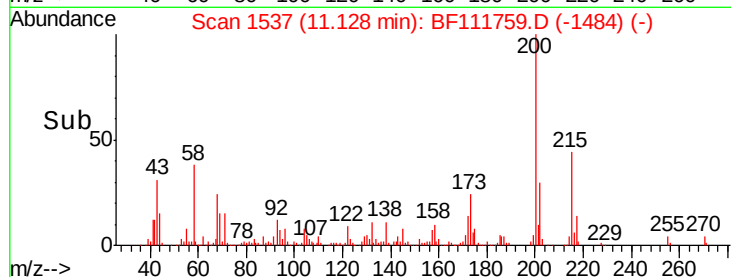
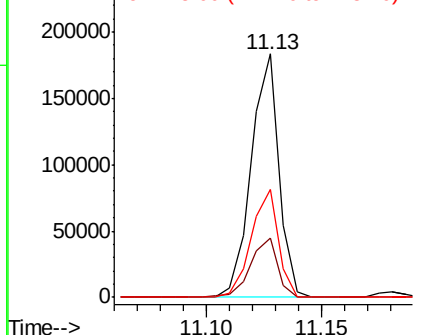


Abundance

Ion 200.00 (199.70 to 200.70): E

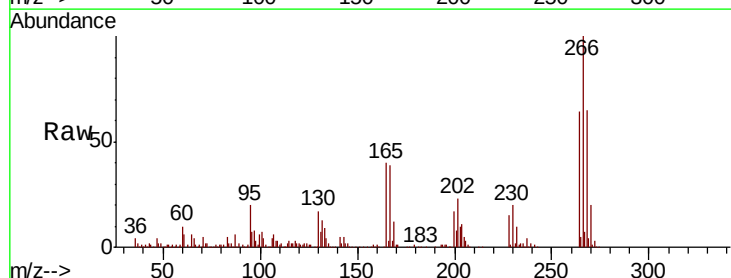
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 60.531 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	204026		
268	64.7	47.9	71.9	
264	64.1	49.1	73.7	

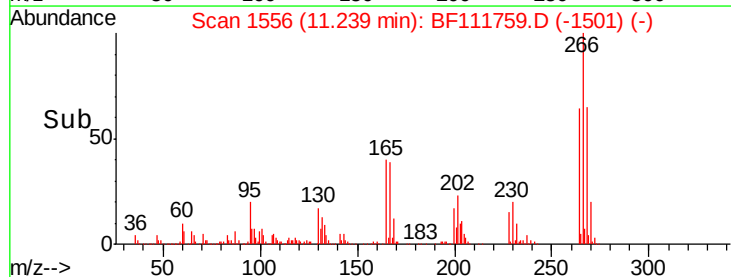
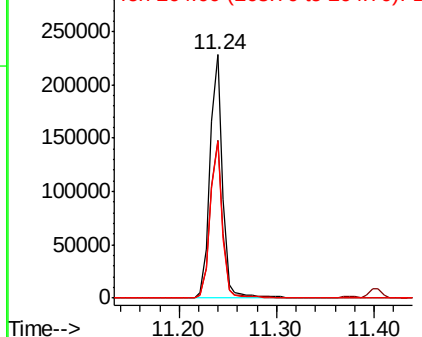


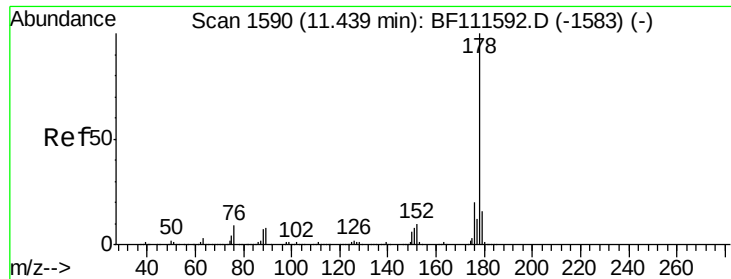
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.615 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

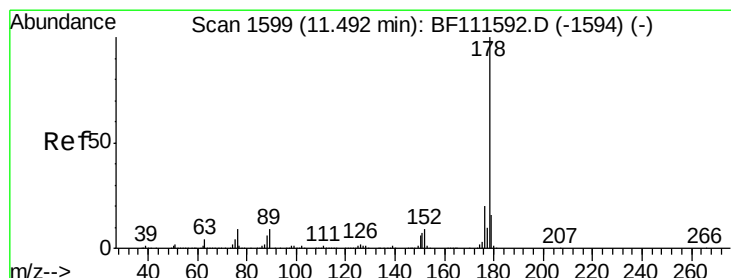
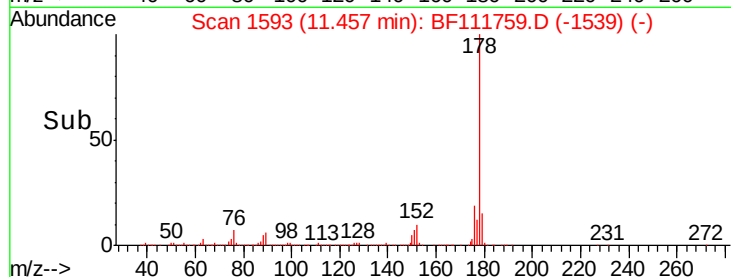
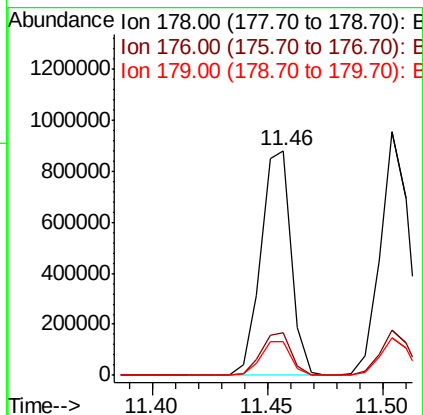
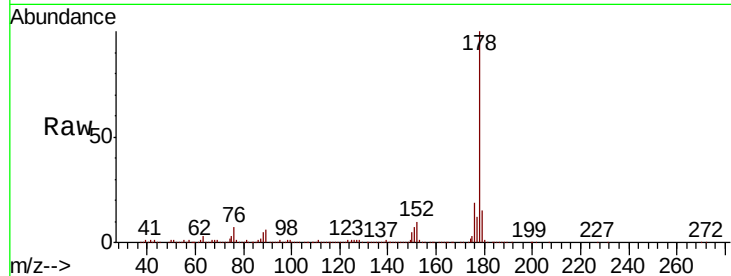
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	178	Resp:	807383
Ion Ratio	Lower	Upper	
178	100		
176	19.1	18.1	27.1
179	14.9	14.0	21.0

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#72

Anthracene

Concen: 38.265 ng

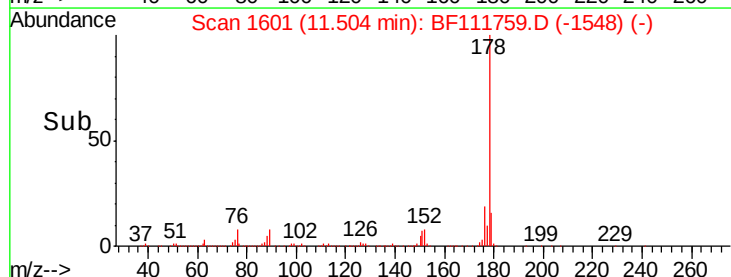
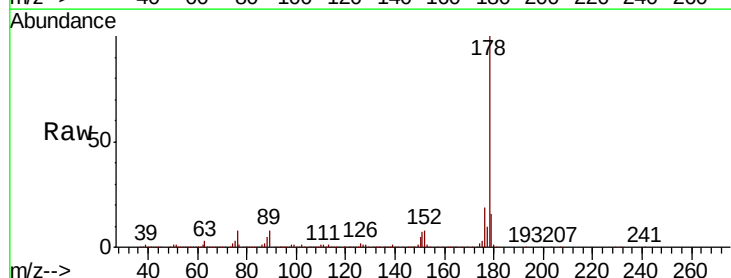
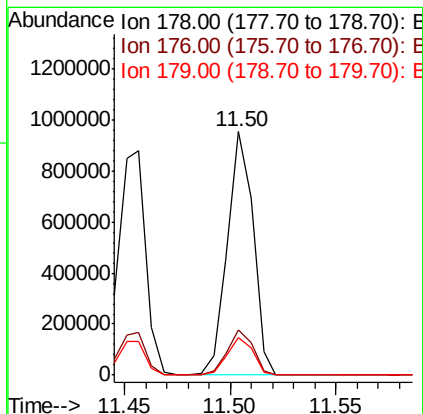
RT: 11.50 min Scan# 1601

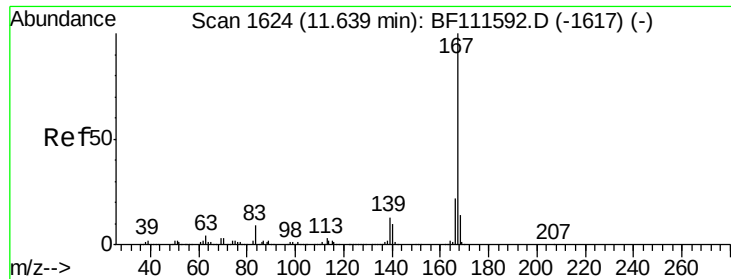
Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	178	Resp:	803063
Ion Ratio	Lower	Upper	
178	100		
176	18.6	17.2	25.8
179	15.6	13.8	20.8





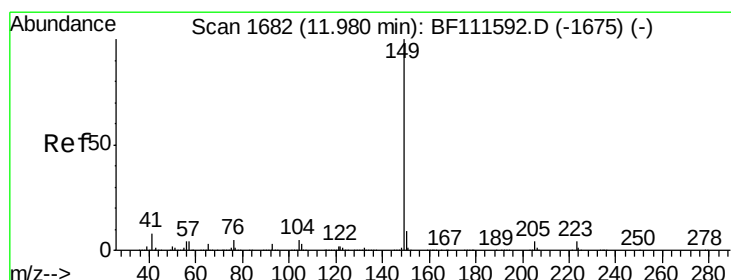
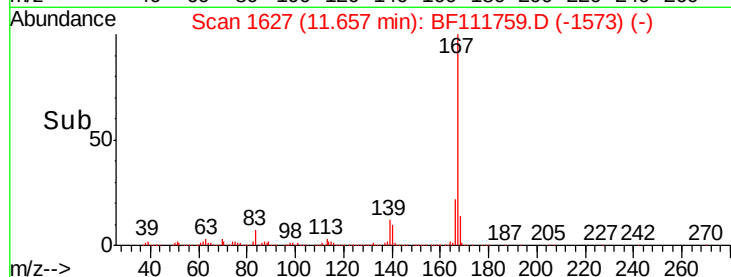
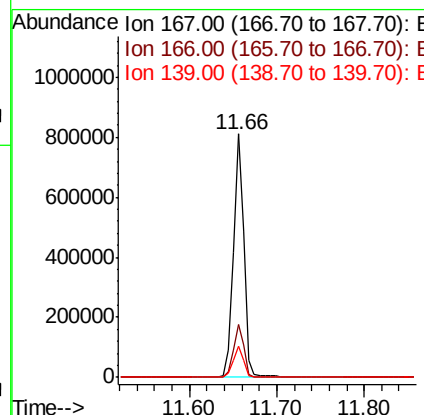
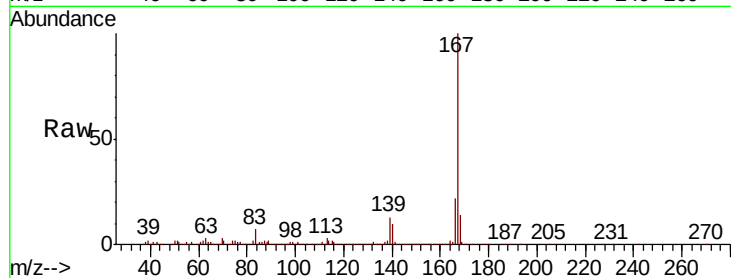
#73
 Carbazole
 Concen: 33.352 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.9	19.3	28.9		
139	12.5	11.9	17.9		

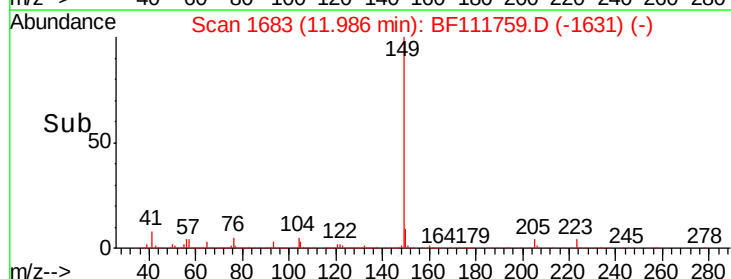
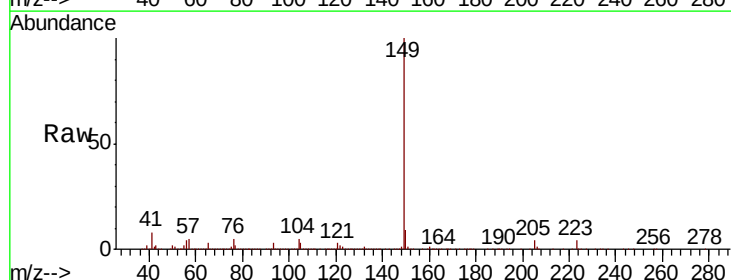
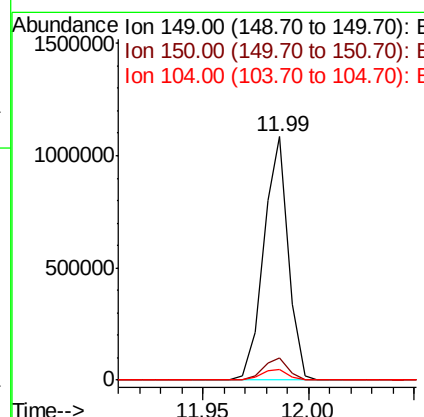
Manual Integrations
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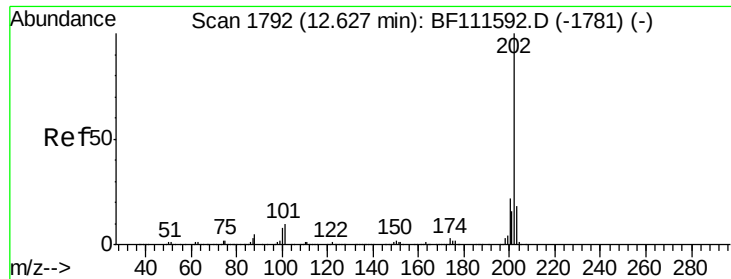
Sohil
 12/28/2018 10:37:20 AM



#74
 Di-n-butylphthalate
 Concen: 38.257 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.3	8.8	13.2		
104	4.6	4.5	6.7		





#75

Fluoranthene

Concen: 38.320 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

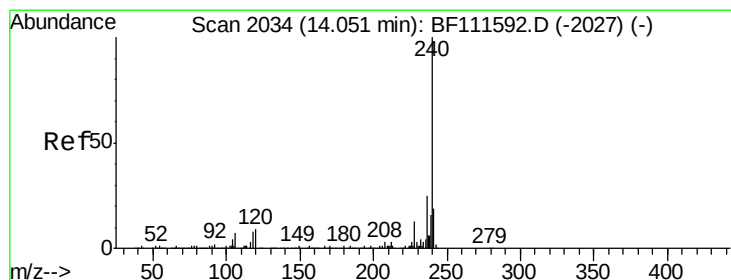
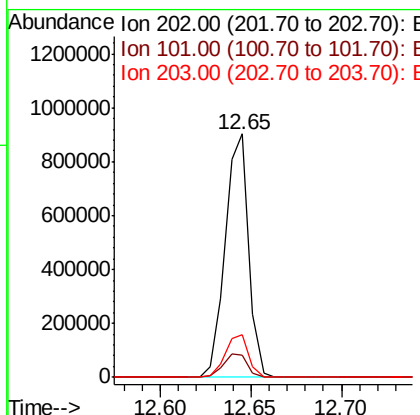
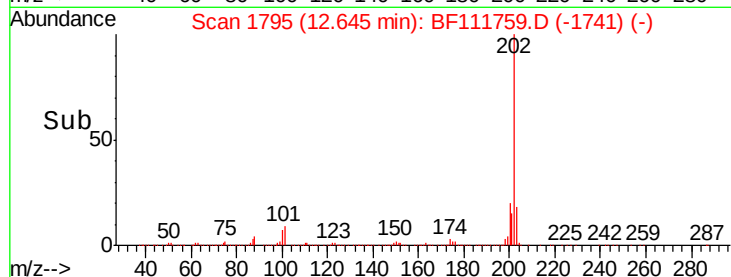
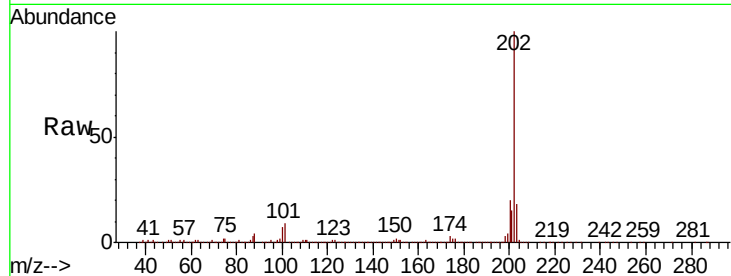
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	202	Resp:	811332
Ion Ratio		Lower	Upper
202	100		
101	8.9	0.0	33.8
203	17.8	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

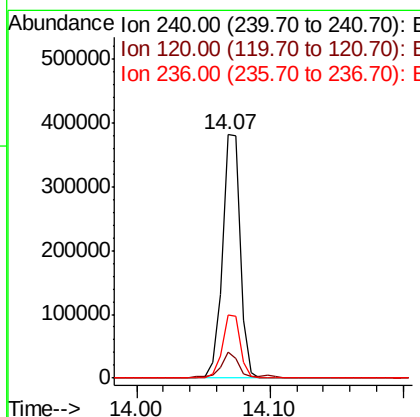
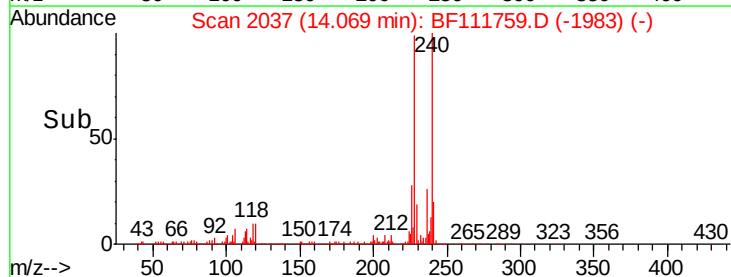
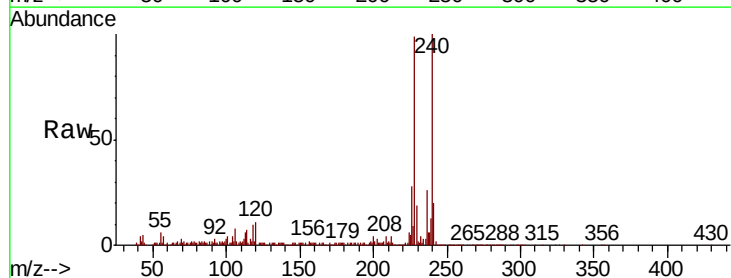
RT: 14.07 min Scan# 2037

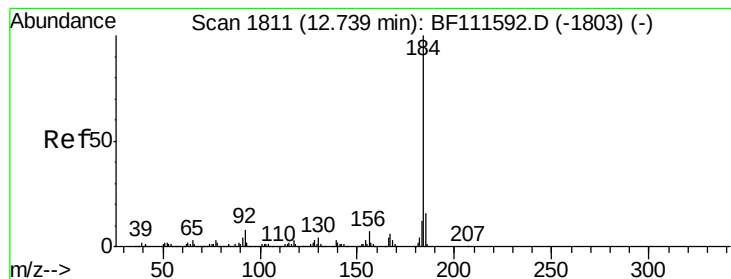
Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	240	Resp:	363118
Ion Ratio		Lower	Upper
240	100		
120	10.6	12.2	18.2#
236	25.7	20.2	30.2





#77

Benzidine

Concen: 0.408 ng/mL

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

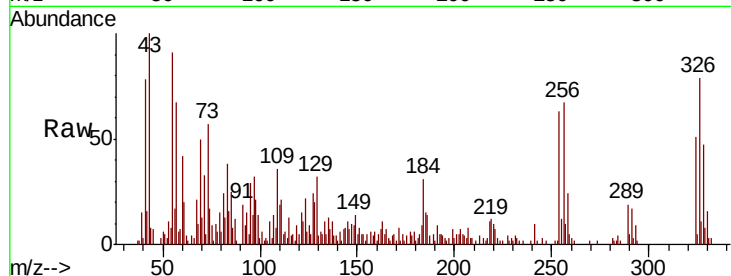
ClientSampleId :

P001-SS022-0612-01MS

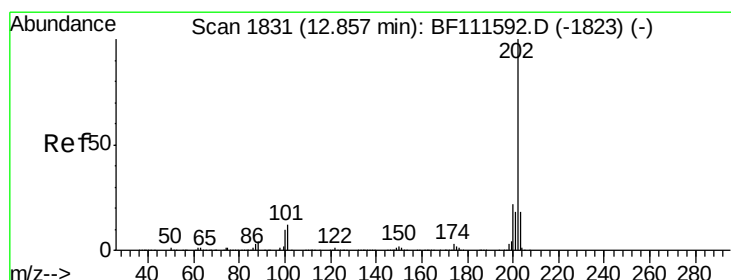
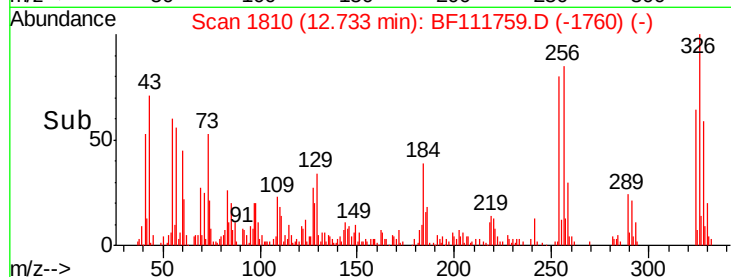
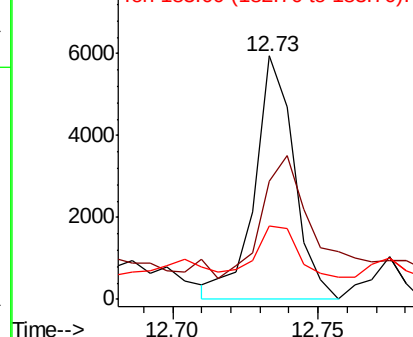
Tot Ion:	184	Resp:	5578
Ion Ratio	Lower	Upper	
184	100		
185	48.4	13.0	19.6#
183	30.2	9.3	13.9#

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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: 32.489 ng/mL

RT: 12.87 min Scan# 1834

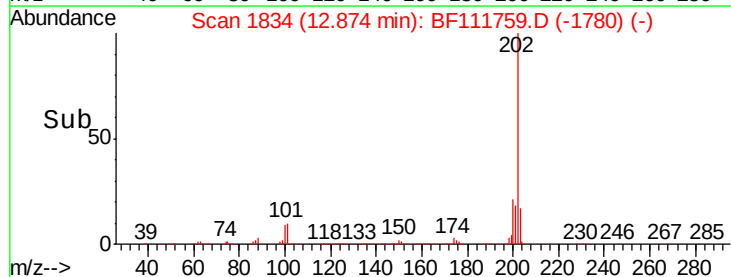
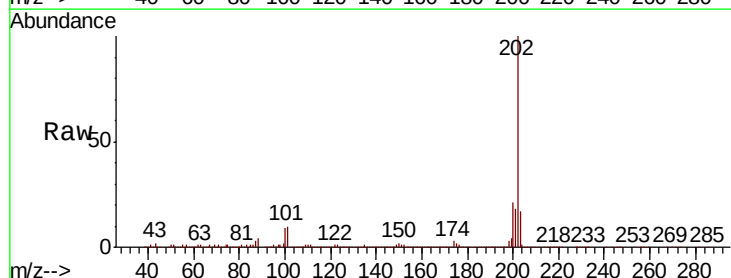
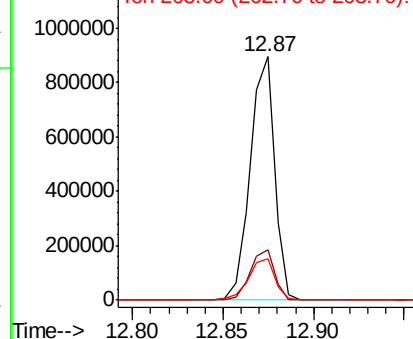
Delta R.T. 0.02 min

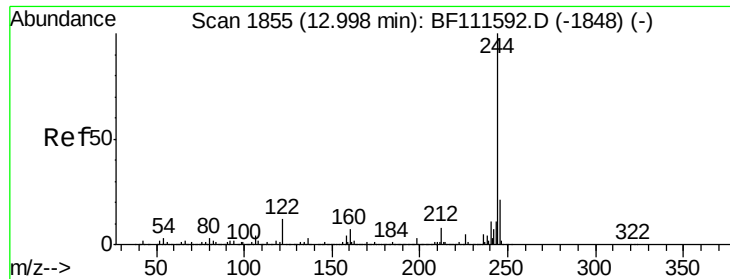
Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	202	Resp:	833109
Ion Ratio	Lower	Upper	
202	100		
200	20.6	19.0	28.4
203	16.8	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: 61.072 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:244 Resp: 1169373

Ion Ratio Lower Upper

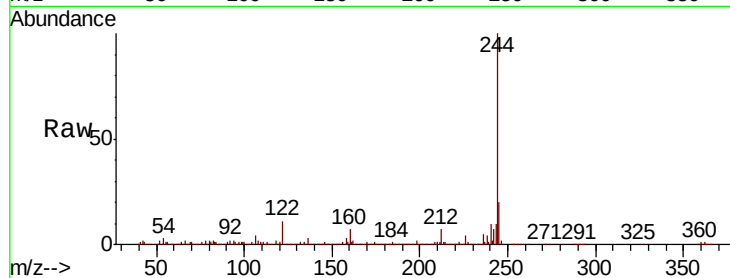
244 100

212 7.1 5.7 8.5

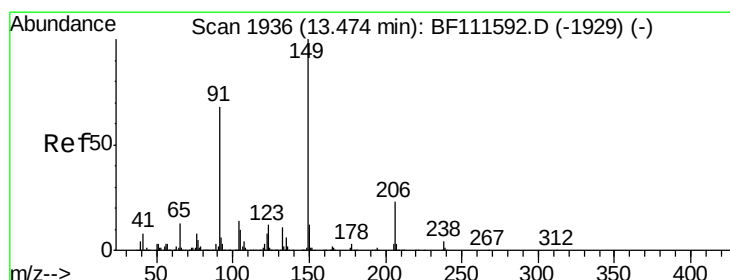
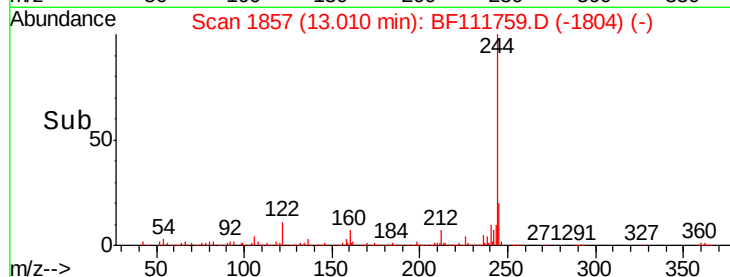
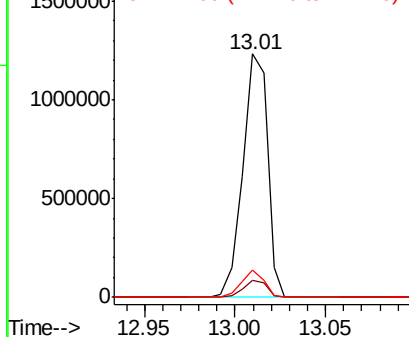
122 11.0 13.1 19.7#

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



#80

Butylbenzylphthalate

Concen: 35.676 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

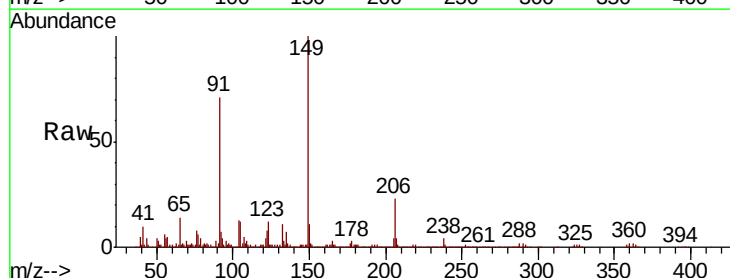
Tgt Ion:149 Resp: 372909

Ion Ratio Lower Upper

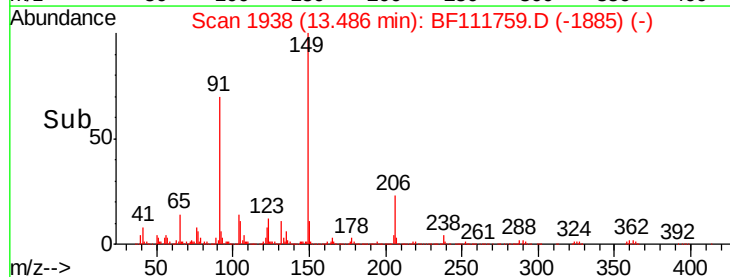
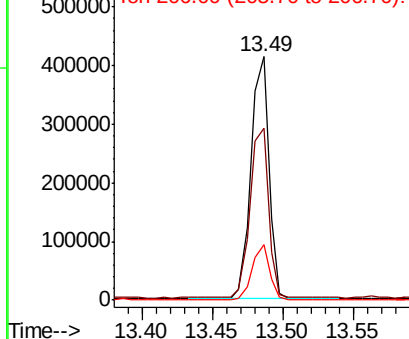
149 100

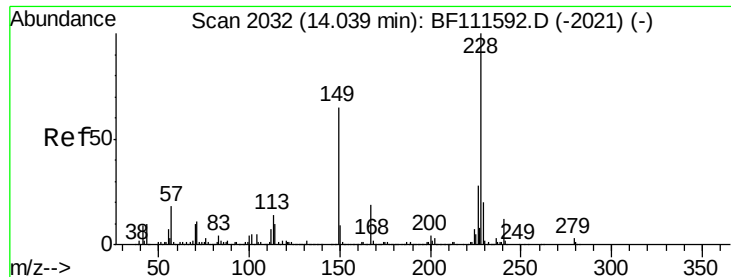
91 70.7 63.8 95.6

206 23.0 15.1 22.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





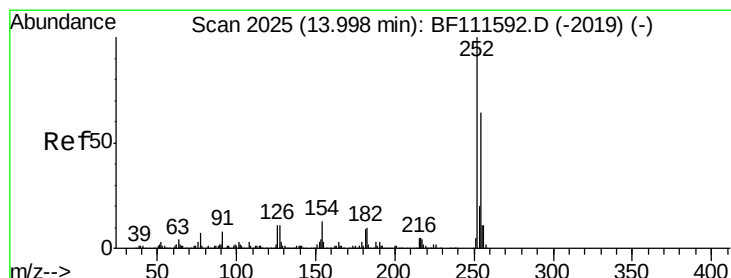
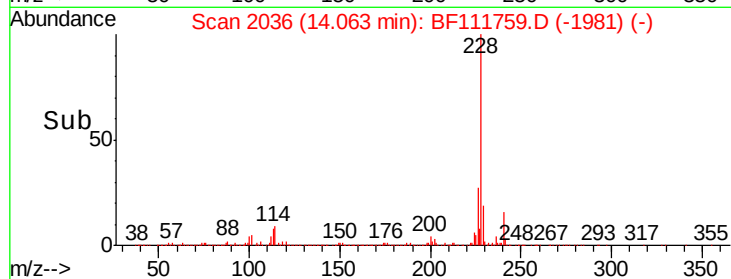
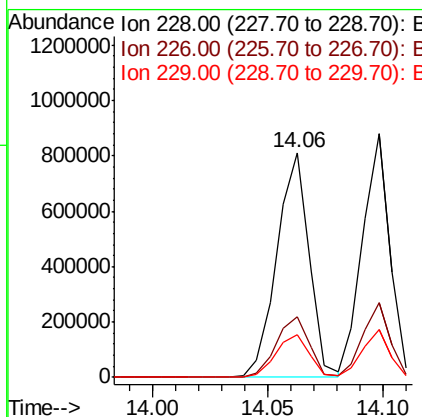
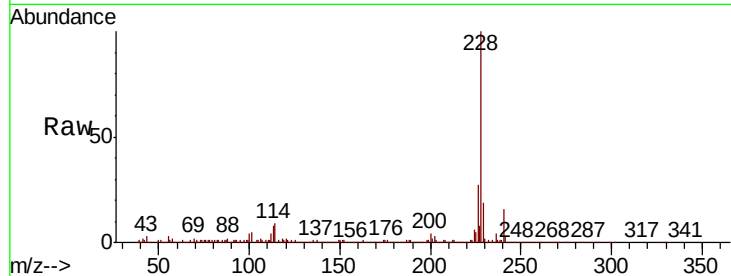
#81
 Benzo(a)anthracene
 Concen: 37.675 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.02 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MS

Tot Ion:	228	Resp:	780736
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	34.0
229	18.9	16.3	24.5

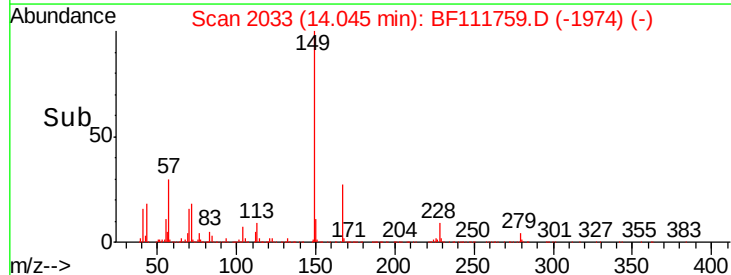
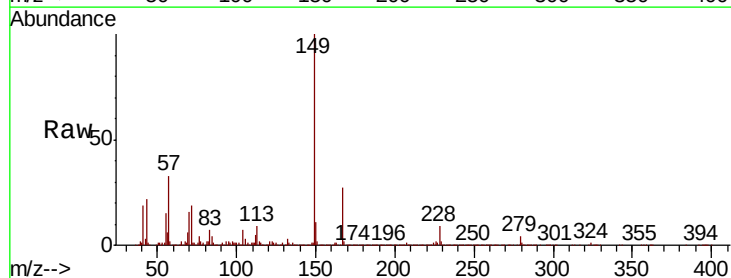
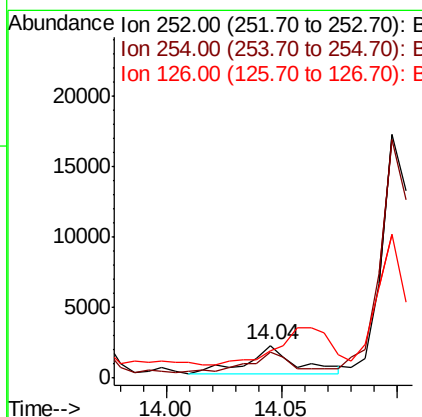
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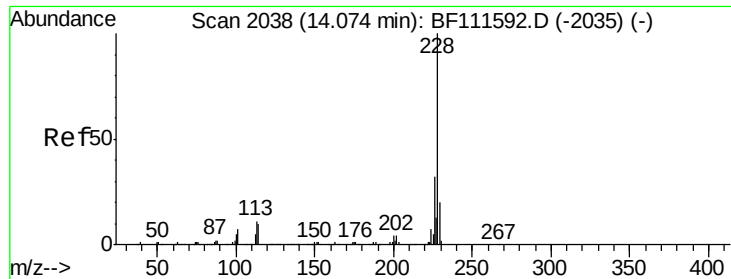
Sohil
 12/28/2018 10:37:20 AM



#82
 3,3'-Dichlorobenzidine
 Concen: 0.351 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.05 min
 Lab File: BF111759.D
 Acq: 27 Dec 2018 13:49

Tgt Ion:	252	Resp:	2877
Ion Ratio	Lower	Upper	
252	100		
254	78.3	52.7	79.1
126	82.7	11.1	16.7#





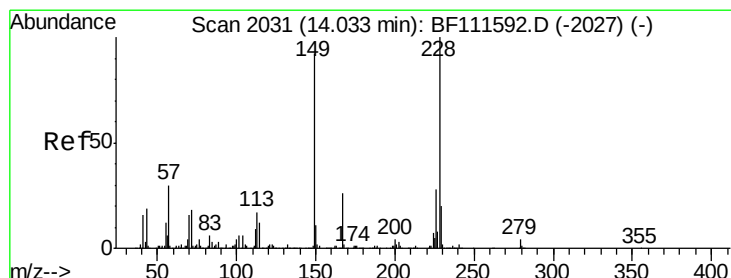
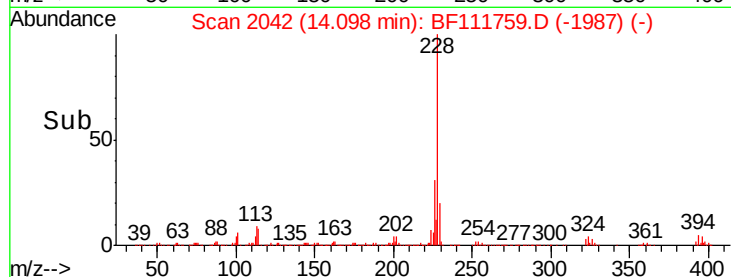
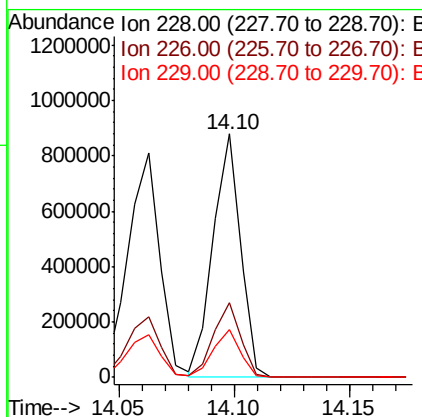
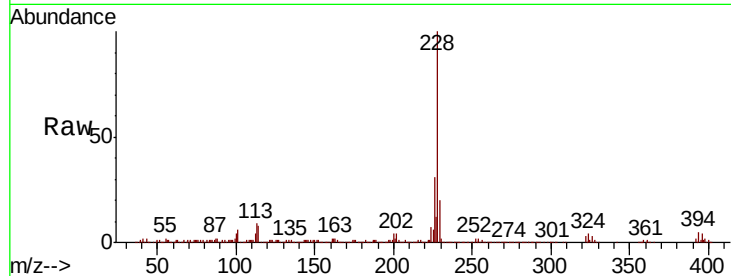
#83
Chrysene
Concen: 35.463 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	19.9	17.2	25.8

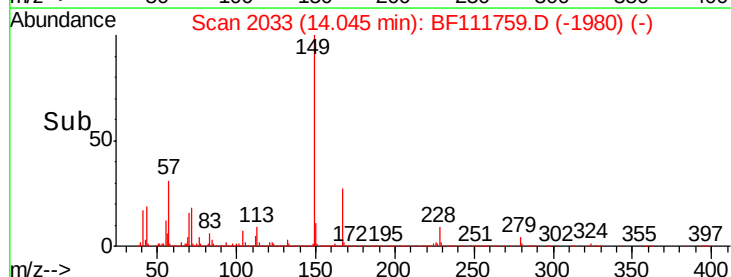
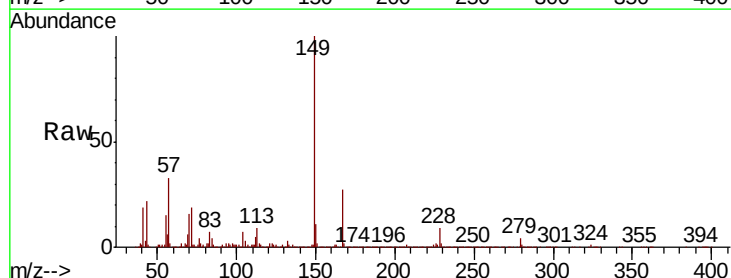
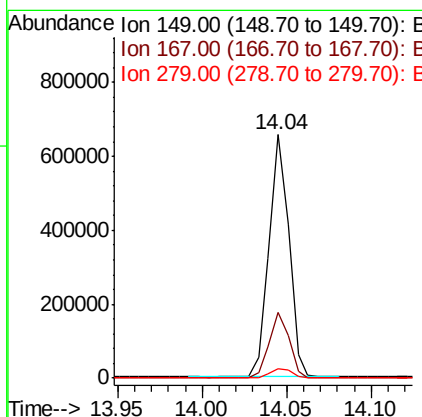
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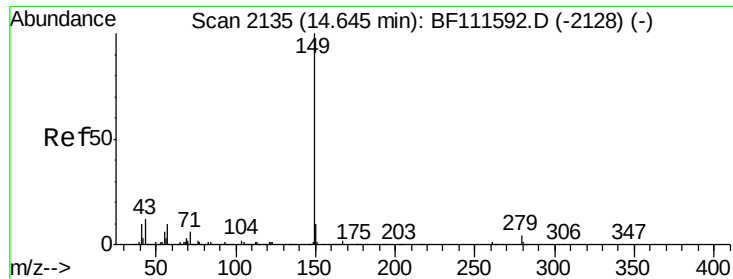
Sohil
12/28/2018 10:37:20 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.612 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	3.9	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 42.852 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

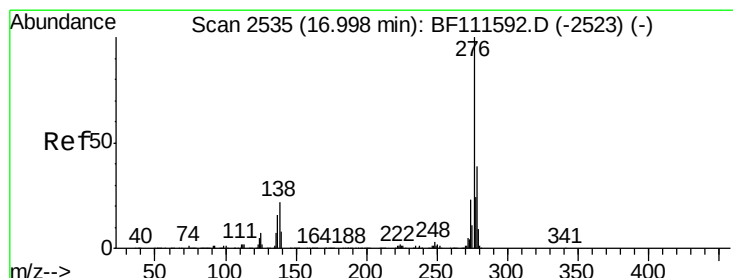
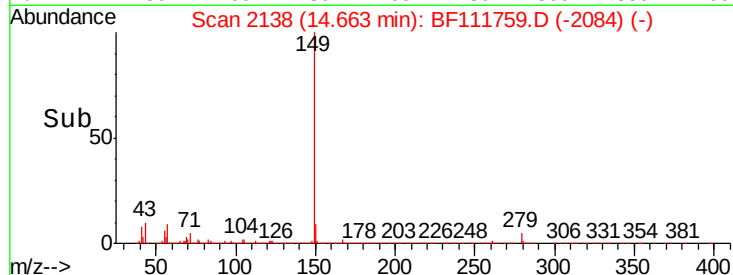
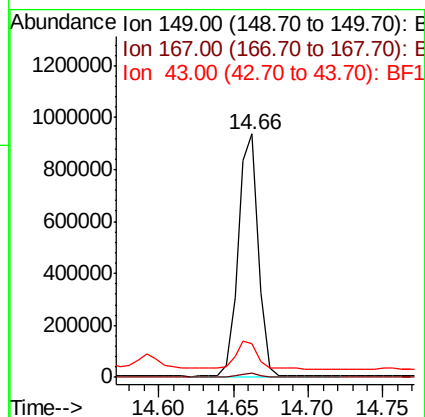
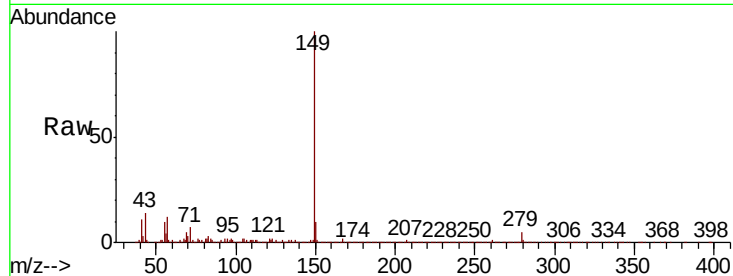
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	149	Resp:	874144
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.7	10.9	16.3

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 29.348 ng

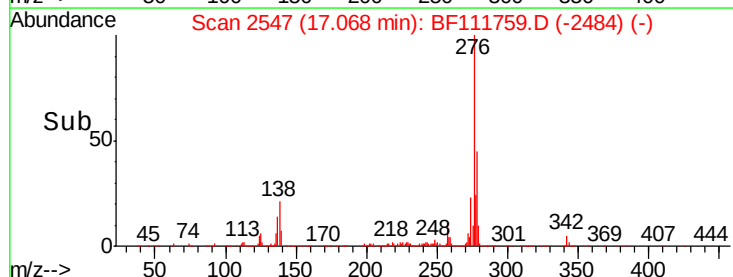
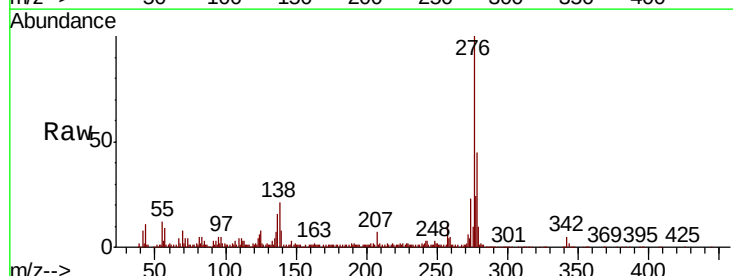
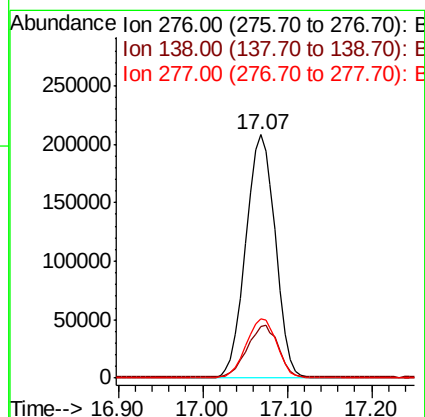
RT: 17.07 min Scan# 2547

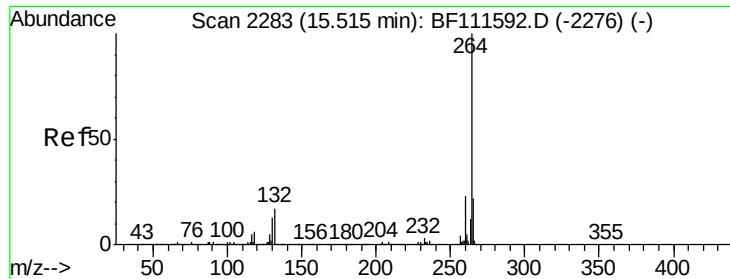
Delta R.T. 0.07 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	276	Resp:	508148
Ion Ratio	Lower	Upper	
276	100		
138	21.9	27.8	41.6#
277	24.9	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

Instrument :

BNA_F

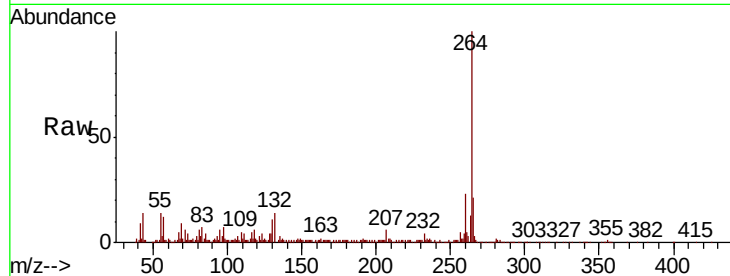
ClientSampleId :

P001-SS022-0612-01MS

Tot Ion:	264	Resp:	271394
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.3	27.5
265	21.3	17.7	26.5

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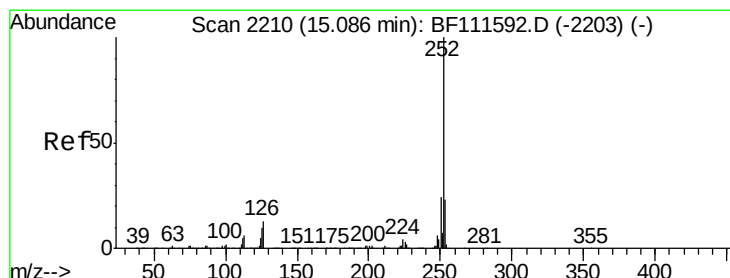
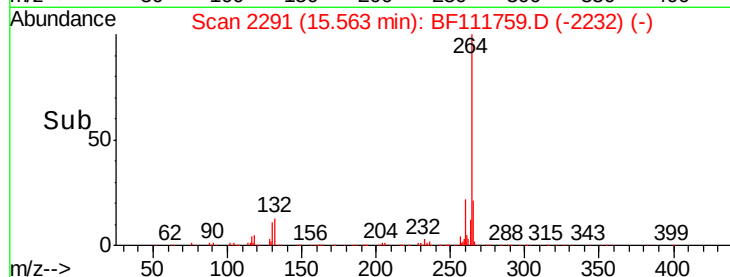
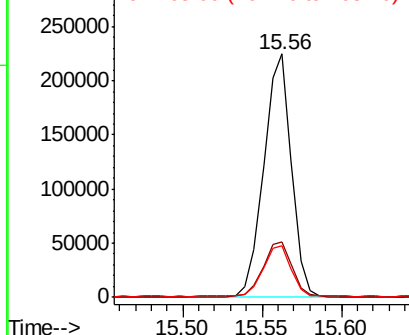


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.855 ng m

RT: 15.12 min Scan# 2216

Delta R.T. 0.04 min

Lab File: BF111759.D

Acq: 27 Dec 2018 13:49

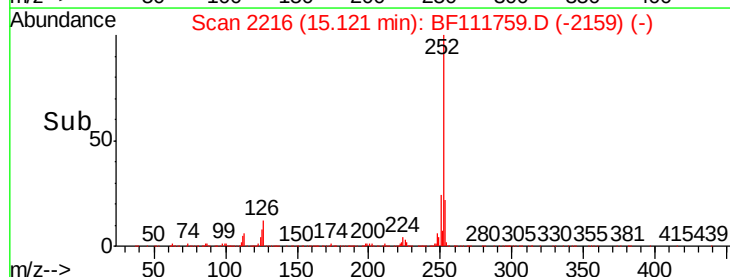
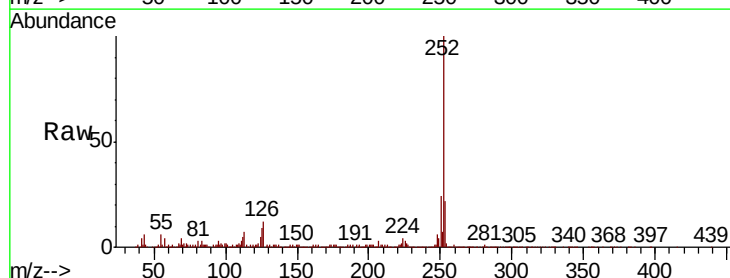
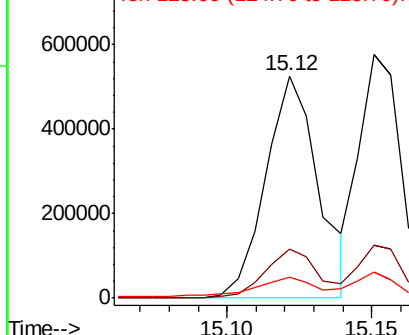
Tgt Ion:	252	Resp:	663882
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	9.4	10.4	15.6#

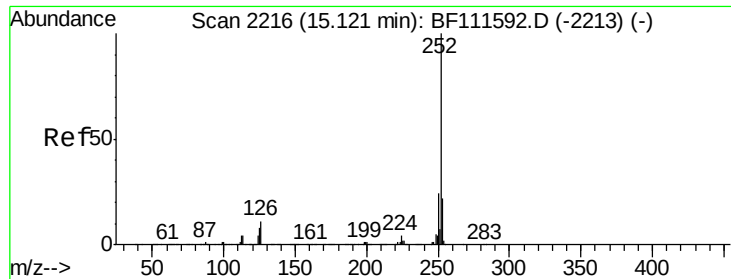
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





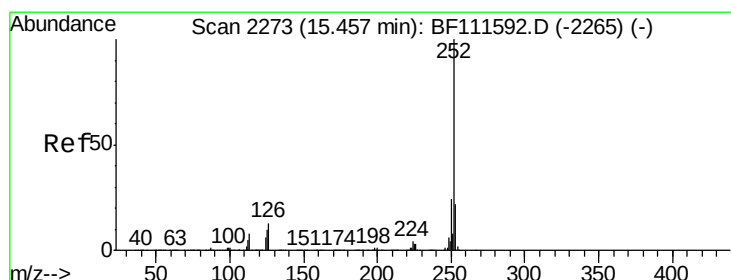
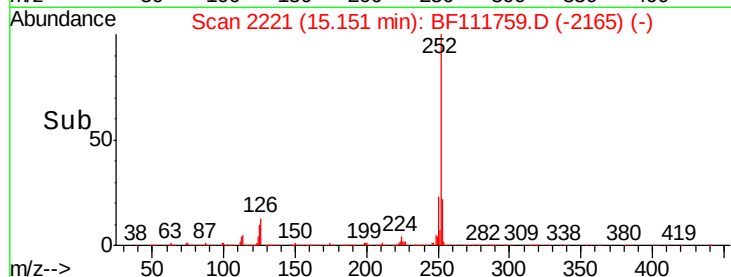
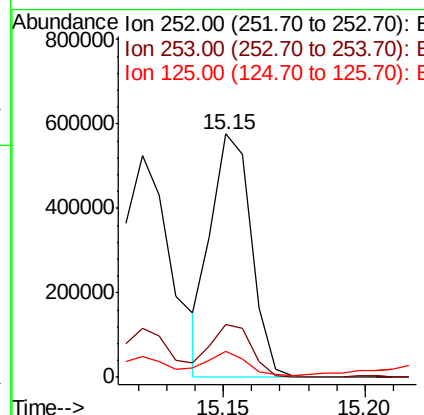
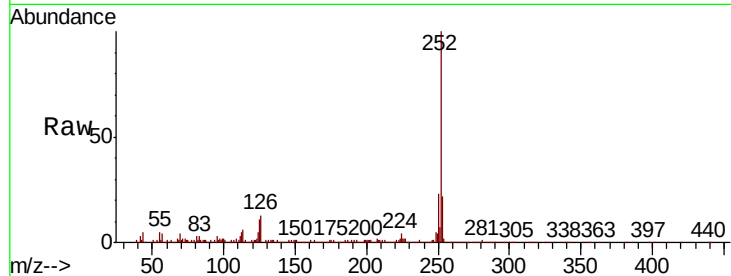
#89
Benzo(k)fluoranthene
Concen: 37.713 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	569477		
253	21.8	18.1	27.1	
125	10.6	9.8	14.8	

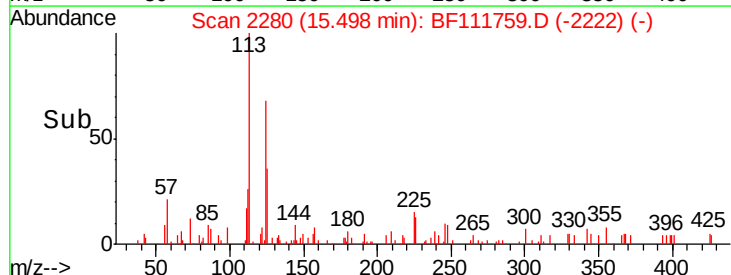
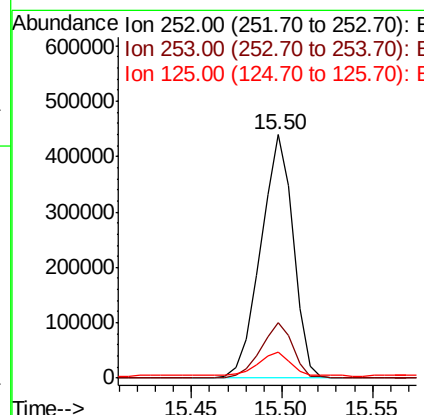
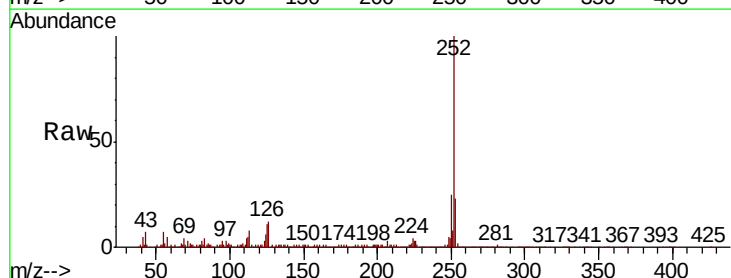
Manual Integrations
APPROVED

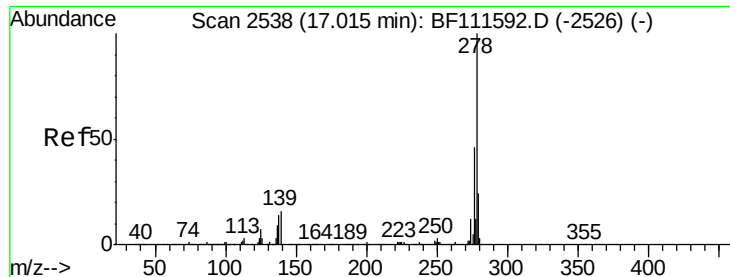
Sohil
12/28/2018 10:37:20 AM



#90
Benzo(a)pyrene
Concen: 37.807 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	544809		
253	22.7	17.8	26.8	
125	10.7	12.3	18.5	





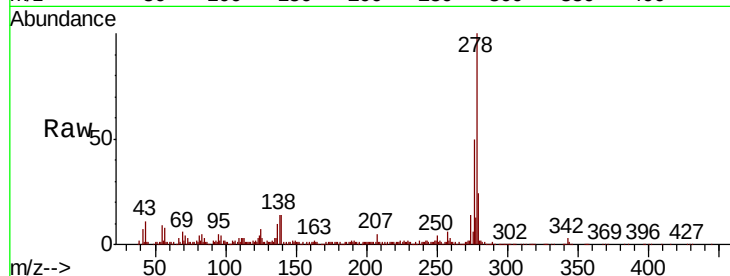
#91
Dibenzo(a,h)anthracene
Concen: 34.197 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.07 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	18.2	27.4#
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/28/2018 10:37:20 AM

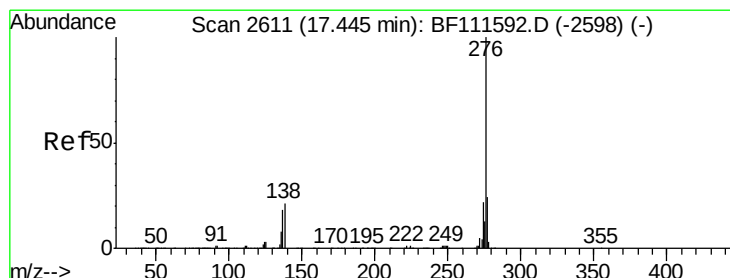
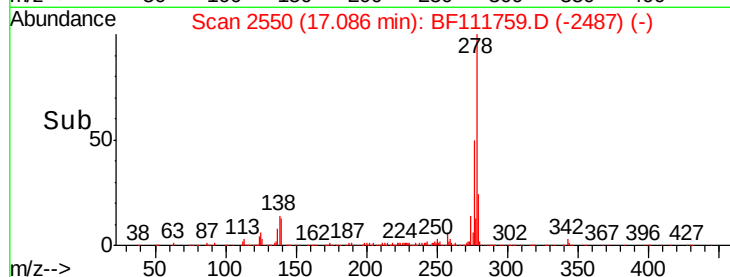
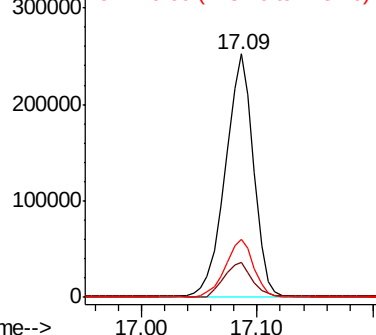


Abundance

Ion 278.00 (277.70 to 278.70): E

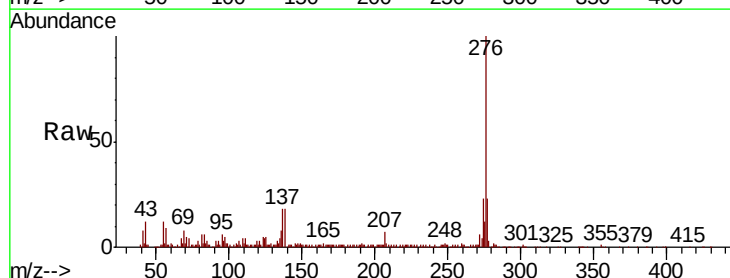
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.728 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.08 min
Lab File: BF111759.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	18.0	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

