

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111760.D
 Acq On : 27 Dec 2018 14:16
 Operator : JU/SJ
 Sample : J6446-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 12/28/2018 10:37:22 AM

Quant Time: Dec 28 06:15:52 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	146823	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	499466	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	220042	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	382279	20.00	ng	0.01
76) Chrysene-d12	14.07	240	320419	20.00	ng	0.02
87) Perylene-d12	15.56	264	229441	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1061084	123.19	ng	0.04
7) Phenol-d6	6.56	99	1296635	118.28	ng	0.04
23) Nitrobenzene-d5	7.47	82	852756	99.38	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	327527	125.97	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1423917	94.32	ng	0.00
79) Terphenyl-d14	13.02	244	1307857	77.41	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	138432	34.158	ng	93
3) Pyridine	3.65	79	31182	2.953	ng	# 87
4) n-Nitrosodimethylamine	3.45	42	234401	45.363	ng	84
6) Aniline	6.57	93	15416m	1.103	ng	
8) 2-Chlorophenol	6.70	128	402328	42.165	ng	96
9) Benzaldehyde	6.45	77	134964	17.901	ng	99
10) Phenol	6.57	94	518340	41.907	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	384461	41.480	ng	98
12) 1,3-Dichlorobenzene	6.85	146	462621	41.836	ng	99
13) 1,4-Dichlorobenzene	6.92	146	470563	41.960	ng	98
14) 1,2-Dichlorobenzene	7.08	146	437479	41.812	ng	98
15) Benzyl Alcohol	7.05	79	355711	40.857	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	636767	37.303	ng	79
17) 2-Methylphenol	7.17	107	306202	40.077	ng	# 90
18) Hexachloroethane	7.42	117	152632	40.389	ng	# 84
19) n-Nitroso-di-n-propylamine	7.32	70	289713	39.795	ng	99
20) 3+4-Methylphenols	7.32	107	384376	39.815	ng	# 70
22) Acetophenone	7.31	105	546680	43.204	ng	92
24) Nitrobenzene	7.49	77	426275	47.399	ng	100
25) Isophorone	7.73	82	731574	48.025	ng	98
26) 2-Nitrophenol	7.80	139	204374	56.032	ng	96
27) 2,4-Dimethylphenol	7.85	122	323633	45.011	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	464169	45.790	ng	99
29) 2,4-Dichlorophenol	8.05	162	321985	41.634	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	371810	43.144	ng	96
31) Naphthalene	8.21	128	1123116	46.799	ng	97
32) Benzoic acid	7.96	122	130820	27.518	ng	94
33) 4-Chloroaniline	8.26	127	16752	1.615	ng	93
34) Hexachlorobutadiene	8.33	225	229679	43.729	ng	99
35) Caprolactam	8.62	113	57085m	21.784	ng	
36) 4-Chloro-3-methylphenol	8.75	107	297693	39.159	ng	100
37) 2-Methylnaphthalene	8.90	142	722942	46.302	ng	99
38) 1-Methylnaphthalene	9.00	142	670787	44.733	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	347824	48.105	ng	98

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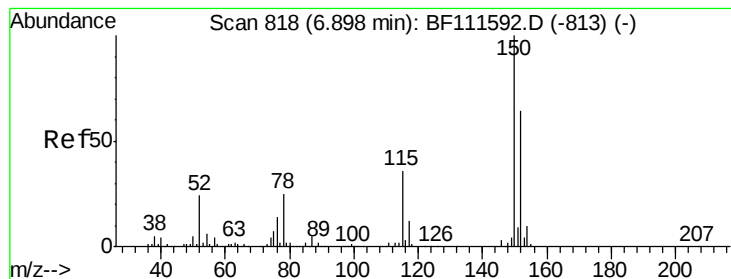
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	201585	57.452	nq	100
43) 2,4,6-Trichlorophenol	9.18	196	218764	45.316	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	216835	43.783	nq	93
46) 1,1'-Biphenyl	9.36	154	863234	46.473	nq	94
47) 2-Chloronaphthalene	9.39	162	655181	44.520	nq	94
48) 2-Nitroaniline	9.48	65	190429	49.739	nq	99
49) Acenaphthylene	9.81	152	980394	45.627	nq	95
50) Dimethylphthalate	9.66	163	912984	56.739	nq	100
51) 2,6-Dinitrotoluene	9.72	165	161655	50.383	nq	93
52) Acenaphthene	9.98	154	636461	48.026	nq	98
53) 3-Nitroaniline	9.89	138	35483	10.369	nq	100
54) 2,4-Dinitrophenol	9.99	184	111695	105.873	nq	99
55) Dibenzofuran	10.15	168	872591	43.582	nq	97
56) 4-Nitrophenol	10.07	139	225614	86.395	nq	90
57) 2,4-Dinitrotoluene	10.12	165	209726	54.386	nq	# 96
58) Fluorene	10.49	166	673750	46.699	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	186733	44.803	nq	90
60) Diethylphthalate	10.36	149	715787	45.348	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	342535	42.973	nq	96
62) 4-Nitroaniline	10.50	138	49586	14.909	nq	95
63) Azobenzene	10.64	77	639238	40.340	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	76969	48.617	nq	77
66) n-Nitrosodiphenylamine	10.60	169	551638	42.988	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	208266	43.924	nq	# 90
68) Hexachlorobenzene	11.05	284	234579	44.372	nq	95
69) Atrazine	11.13	200	179006	40.154	nq	91
70) Pentachlorophenol	11.24	266	236640	72.405	nq	97
71) Phenanthrene	11.46	178	933822	46.061	nq	94
72) Anthracene	11.51	178	949466	46.658	nq	95
73) Carbazole	11.66	167	803884	40.689	nq	96
74) Di-n-butylphthalate	11.99	149	1035445	46.744	nq	97
75) Fluoranthene	12.64	202	966919	47.098	nq	94
77) Benzidine	12.74	184	8270m	0.686	nq	
78) Pyrene	12.87	202	974411	43.064	nq	96
80) Butylbenzylphthalate	13.49	149	433045	46.951	nq	93
81) Benzo(a)anthracene	14.06	228	848824	46.419	nq	99
82) 3,3'-Dichlorobenzidine	14.05	252	3014	0.417	nq	# 47
83) Chrysene	14.10	228	791164	44.021	nq	96
84) Bis(2-ethylhexyl)phthalate	14.05	149	609997	52.505	nq	# 98
85) Di-n-octyl phthalate	14.66	149	921427	51.190	nq	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	550842	36.053	nq	# 87
88) Benzo(b)fluoranthene	15.13	252	646606	48.220	nq	# 96
89) Benzo(k)fluoranthene	15.16	252	625291	48.980	nq	# 96
90) Benzo(a)pyrene	15.50	252	566968	46.539	nq	# 94
91) Dibenzo(a,h)anthracene	17.10	278	468132	43.882	nq	# 91
92) Benzo(g,h,i)perylene	17.54	276	457352	43.904	nq	# 86

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



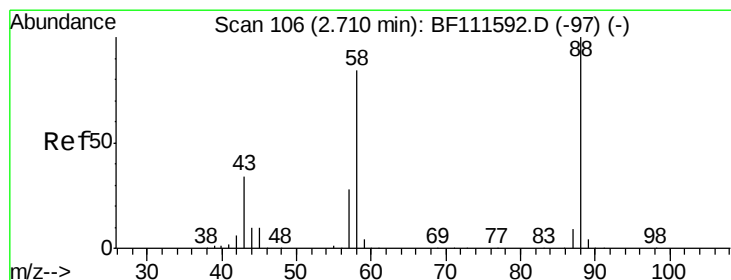
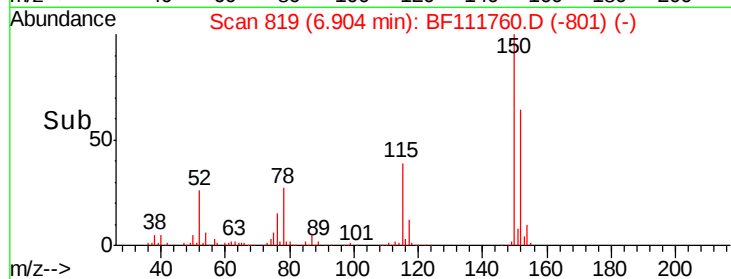
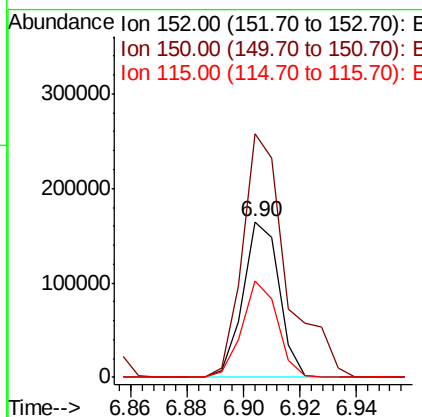
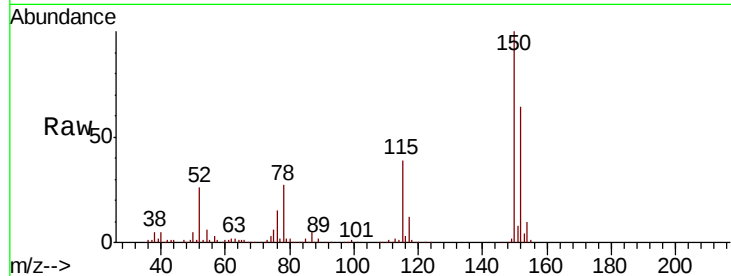
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	61.8	50.7	76.1

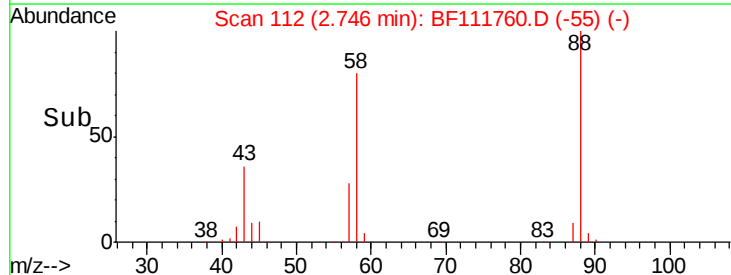
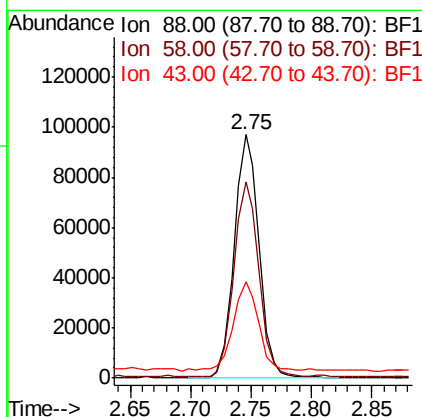
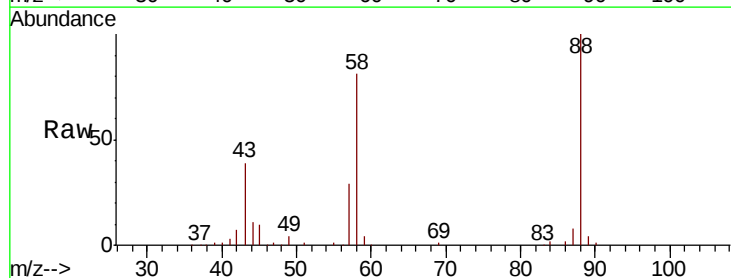
Manual Integrations
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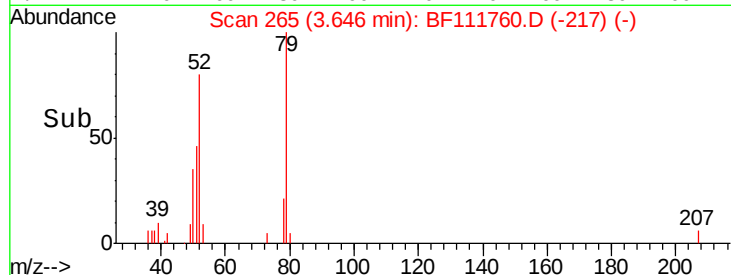
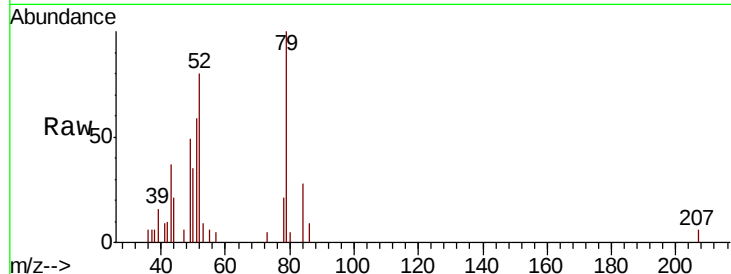
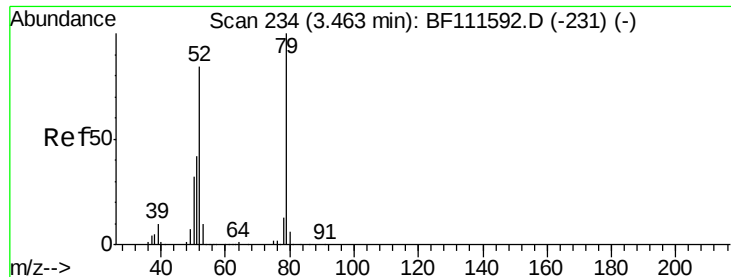
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#2
 1,4-Dioxane
 Concen: 34.158 ng
 RT: 2.75 min Scan# 112
 Delta R.T. 0.04 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	68.9	103.3
43	37.3	25.8	38.6





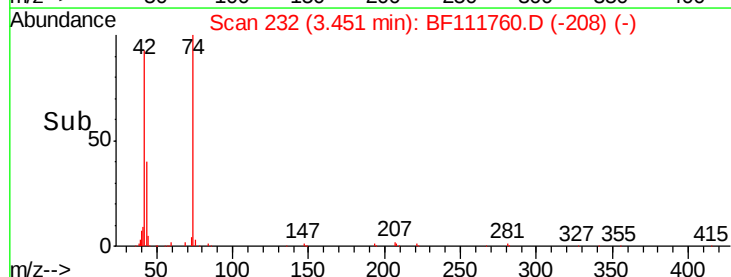
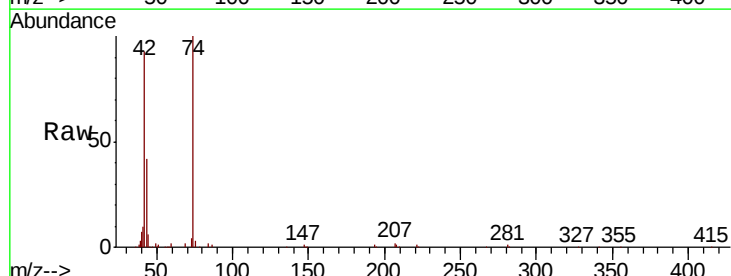
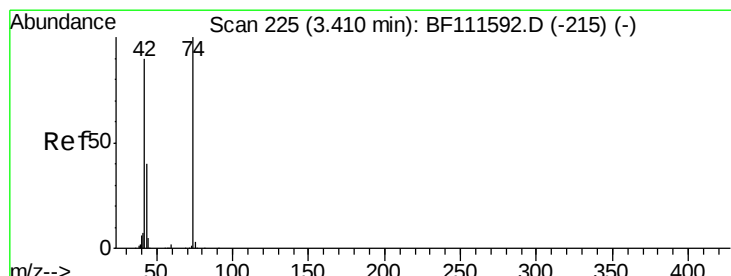
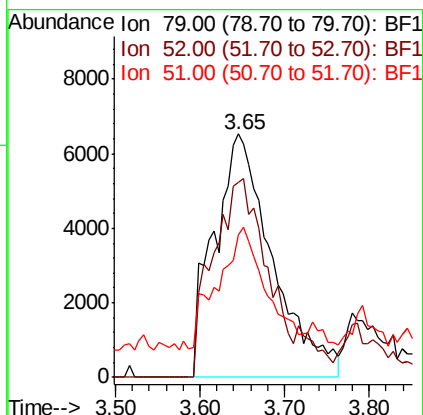
#3
 Pvrindine
 Concen: 2.953 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.18 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.2	68.3	102.5
51	58.5	32.6	49.0

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

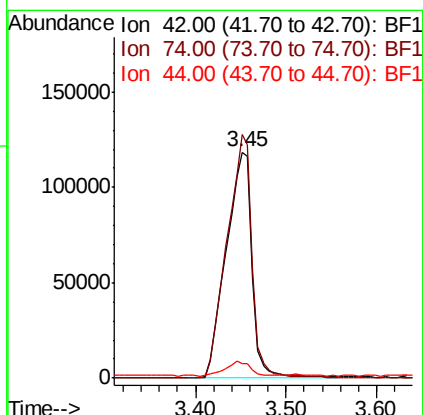
Manual Integrations
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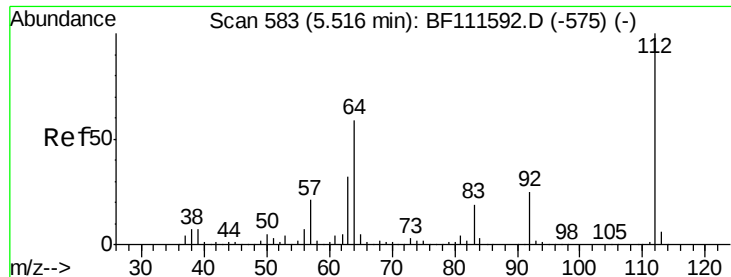
Sohil
 12/28/2018 10:37:22 AM



#4
 n-Nitrosodimethylamine
 Concen: 45.363 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.04 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.7	101.5	152.3
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 123.186 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:112 Resp: 1061084

Ion Ratio Lower Upper

112 100

64 63.9 51.8 77.6

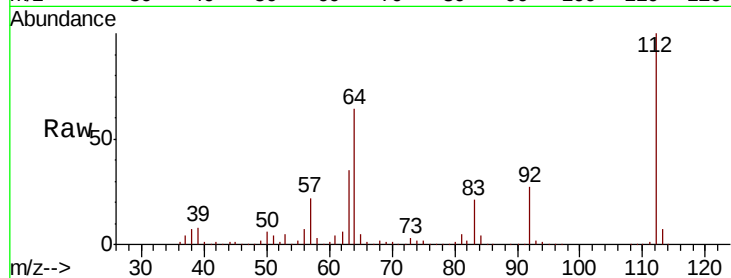
63 35.5 26.8 40.2

Manual Integrations

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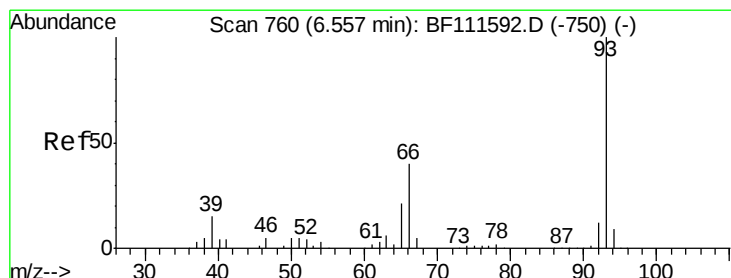
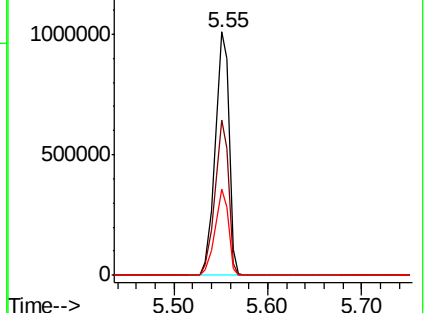
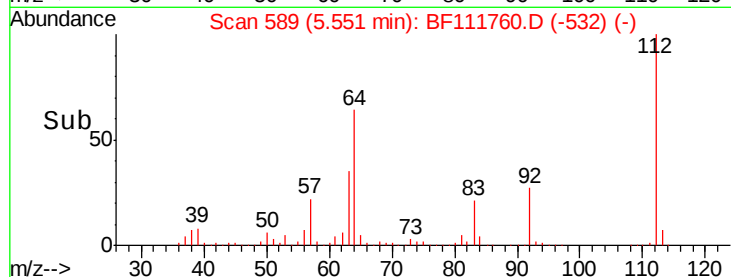
12/28/2018 10:37:22 AM



Abundance Ion 112.00 (111.70 to 112.70): BF111760.D (-532) (-)

Ion 64.00 (63.70 to 64.70): BF111760.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BF111760.D (-532) (-)



#6

Aniline

Concen: 1.103 ng m

RT: 6.57 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

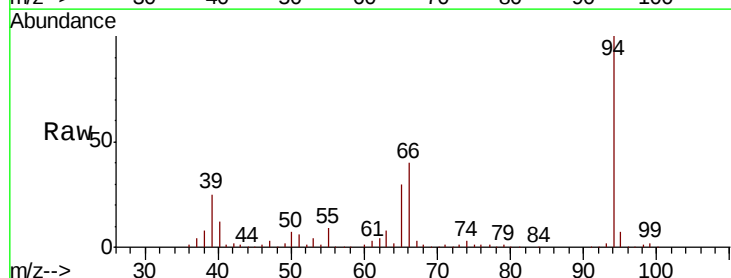
Tgt Ion: 93 Resp: 15416

Ion Ratio Lower Upper

93 100

66 1833.3 33.2 49.8#

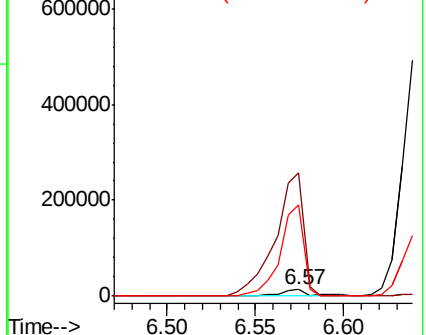
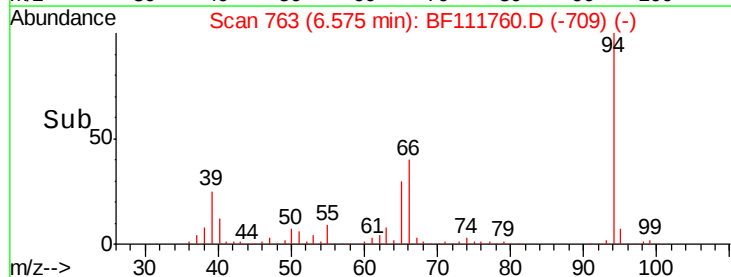
65 1363.9 17.0 25.4#

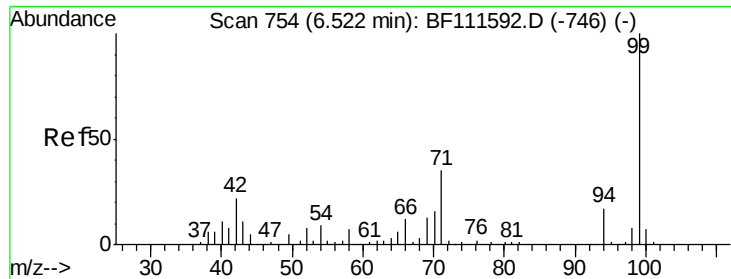


Abundance Ion 93.00 (92.70 to 93.70): BF111760.D (-709) (-)

Ion 66.00 (65.70 to 66.70): BF111760.D (-709) (-)

Ion 65.00 (64.70 to 65.70): BF111760.D (-709) (-)





#7

Phenol-d6

Concen: 118.282 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion: 99 Resp: 1296635

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.0

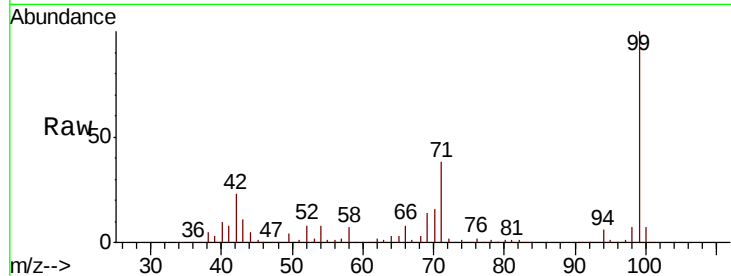
71 37.8 26.1 39.1

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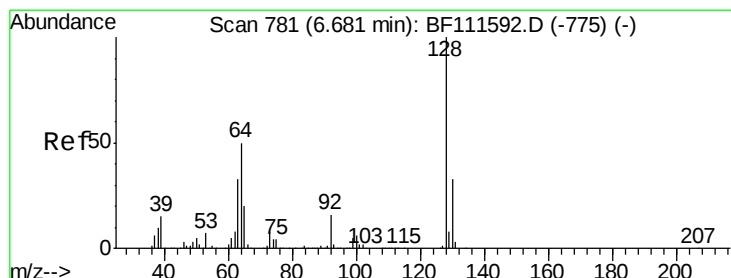
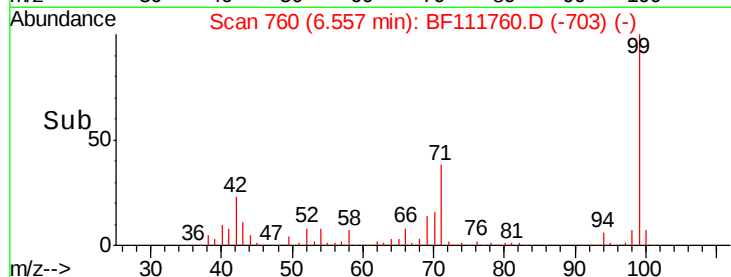
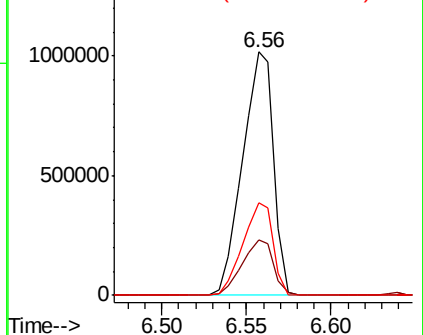
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.165 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

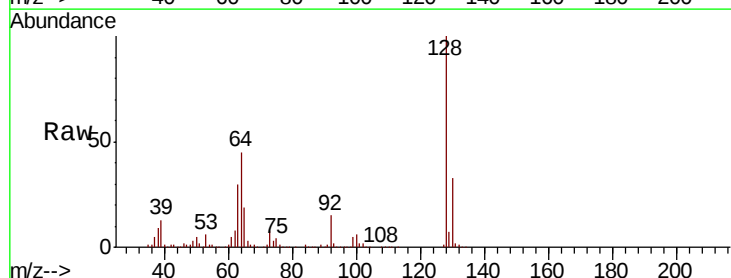
Tgt Ion:128 Resp: 402328

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

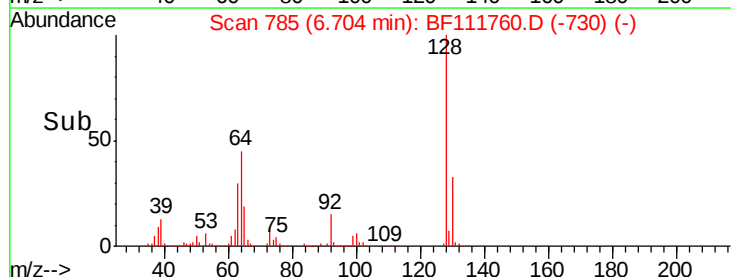
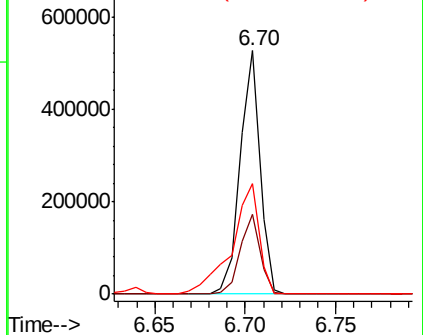
64 45.3 30.0 70.0

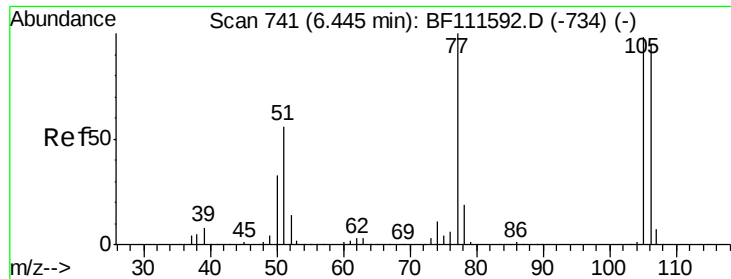


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.901 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

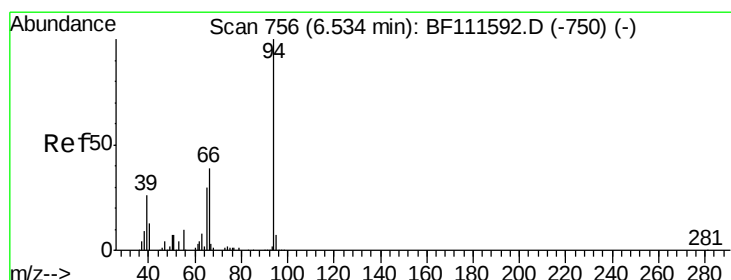
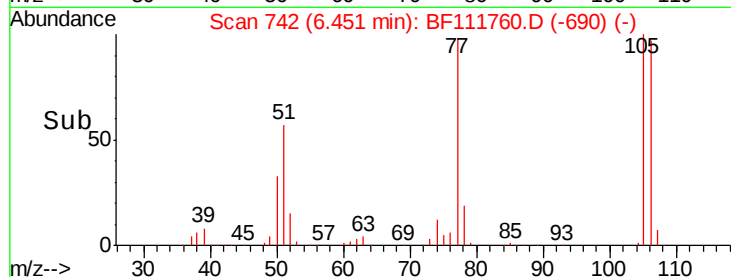
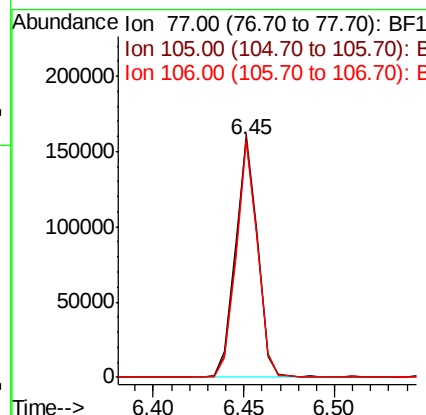
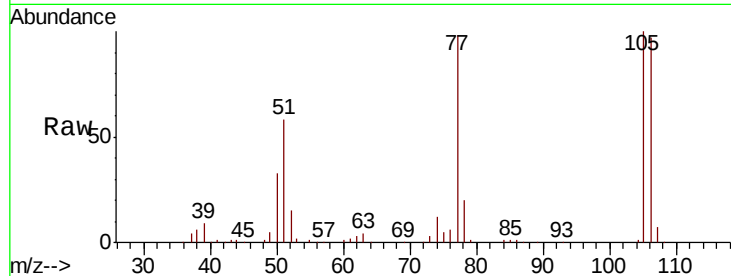
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	77	Resp:	134964
Ion	Ratio	Lower	Upper
77	100		
105	102.3	81.4	121.4
106	98.9	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 41.907 ng

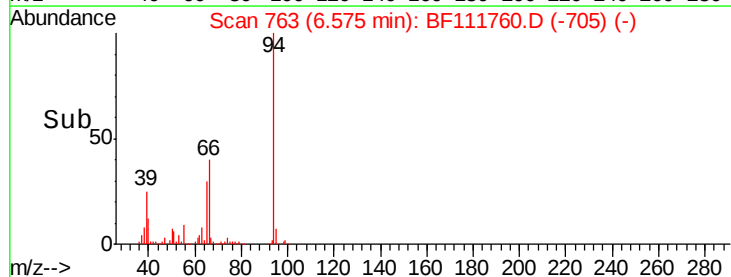
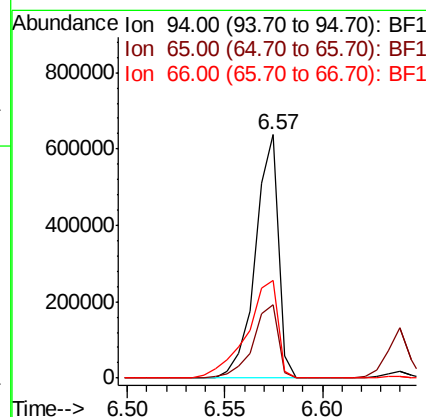
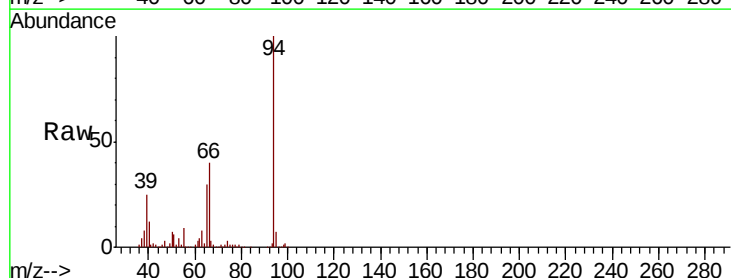
RT: 6.57 min Scan# 763

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	94	Resp:	518340
Ion	Ratio	Lower	Upper
94	100		
65	30.0	11.7	51.7
66	40.3	21.0	61.0





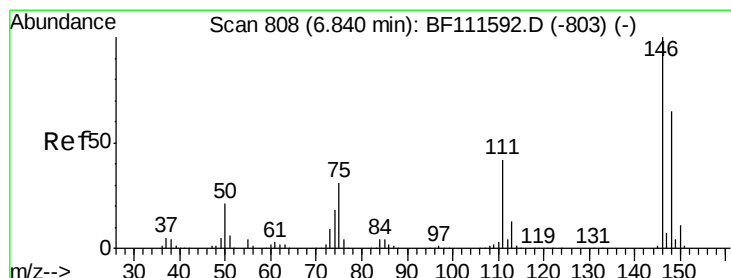
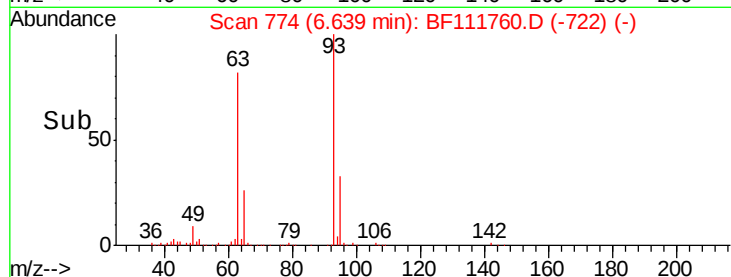
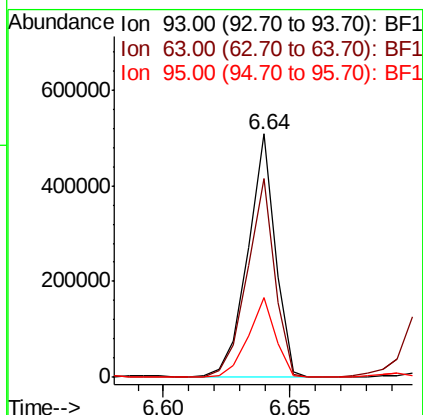
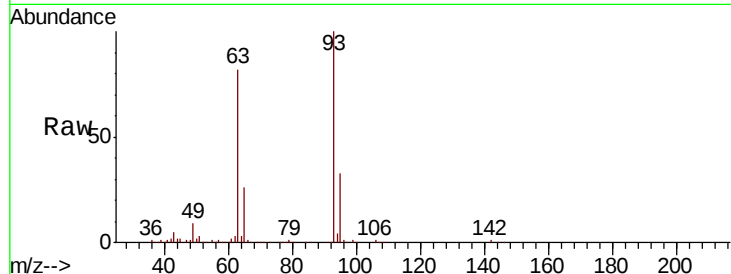
#11
bis(2-Chloroethyl)ether
Concen: 41.480 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	60.0	100.0
95	32.9	13.4	53.4

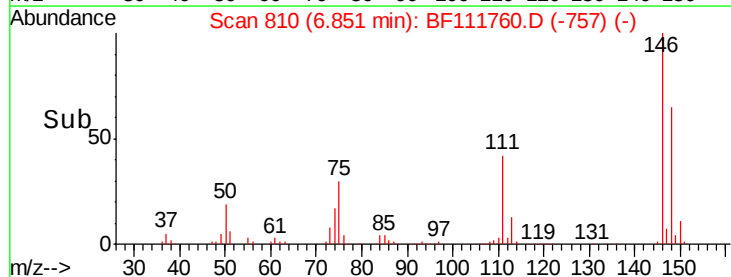
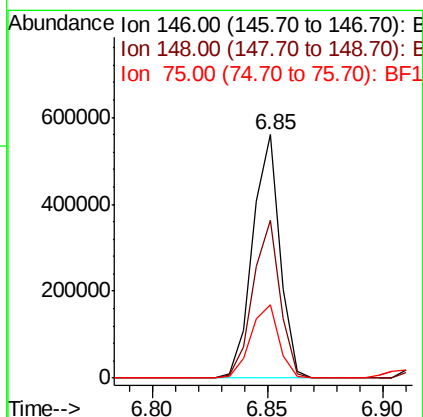
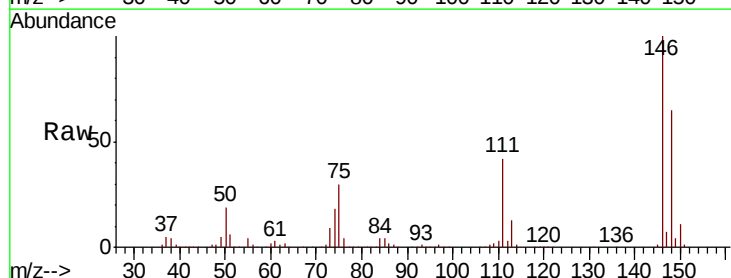
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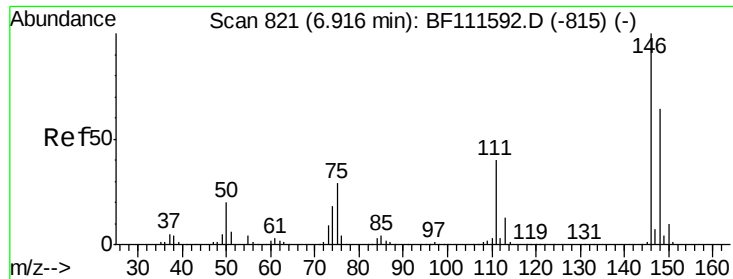
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#12
1,3-Dichlorobenzene
Concen: 41.836 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	30.1	23.9	35.9





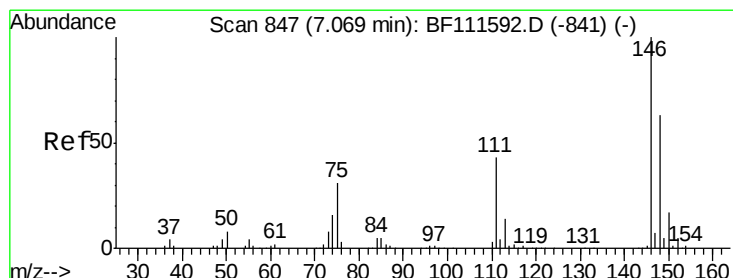
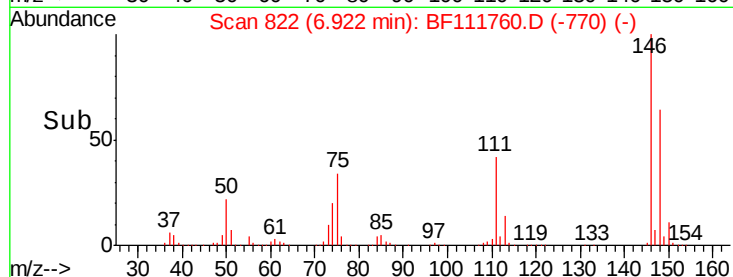
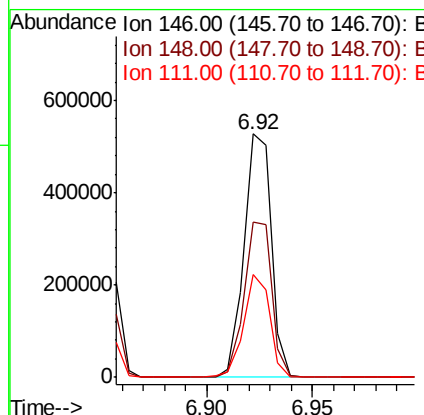
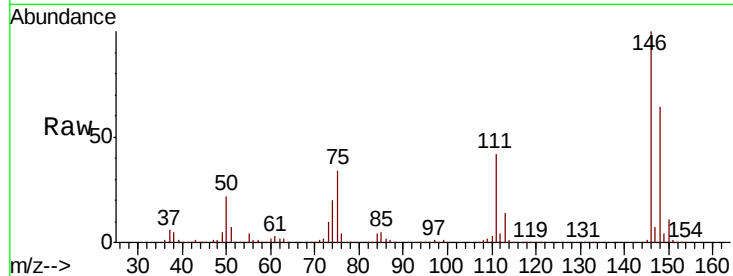
#13
 1,4-Dichlorobenzene
 Concen: 41.960 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
111	42.2	33.4	50.0

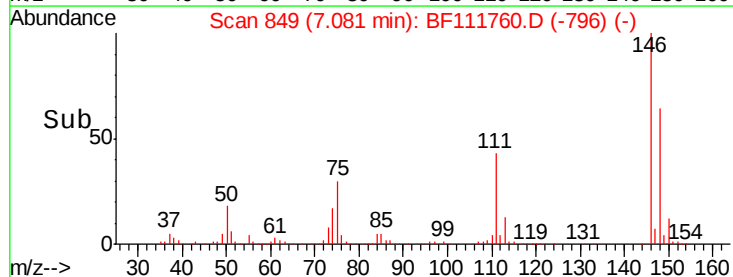
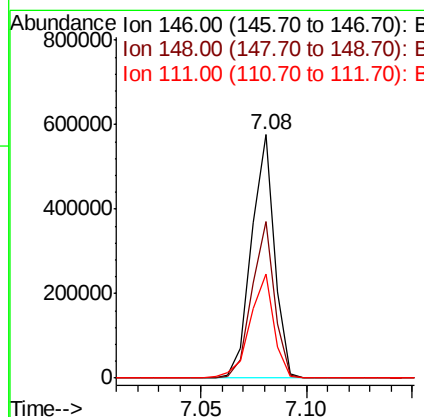
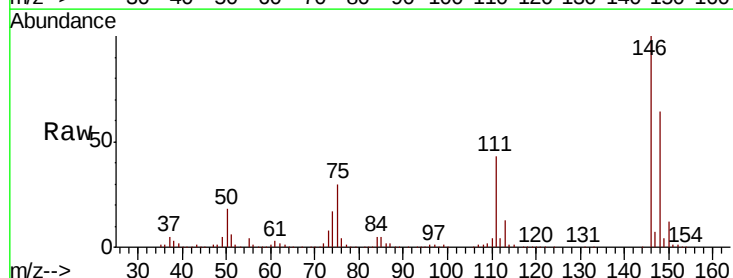
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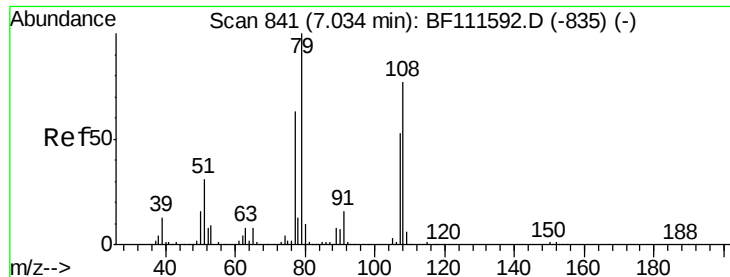
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#14
 1,2-Dichlorobenzene
 Concen: 41.812 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	42.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.857 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

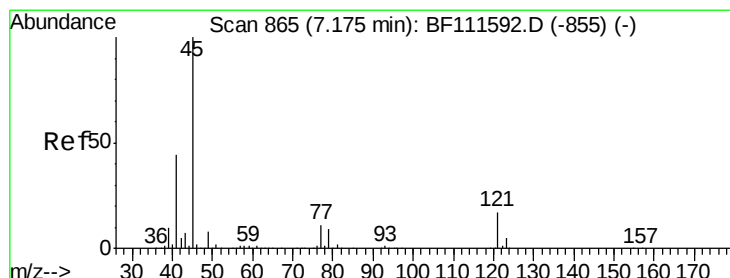
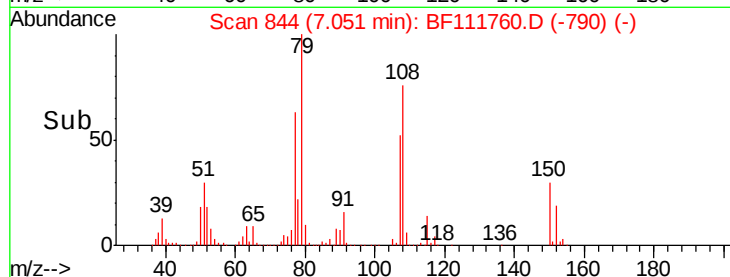
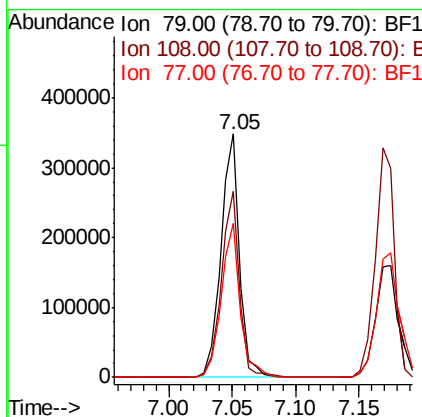
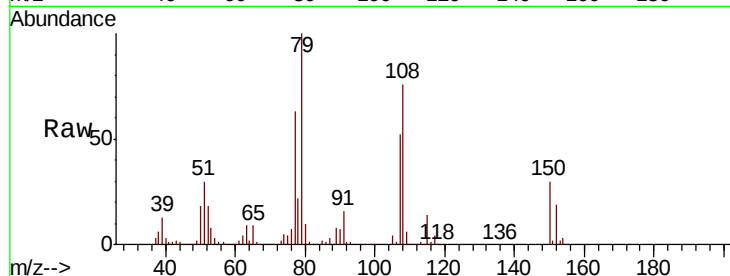
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	79	Resp:	355711
Ion Ratio	Lower	Upper	
79	100		
108	76.2	69.4	104.2
77	63.3	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.303 ng

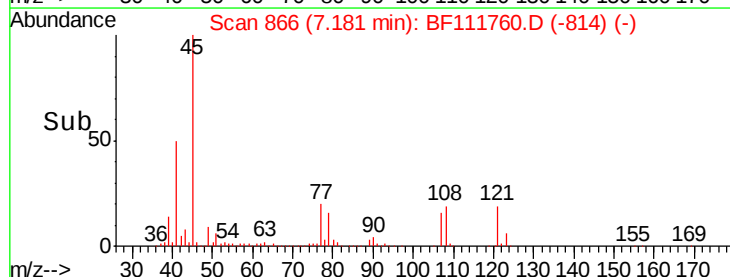
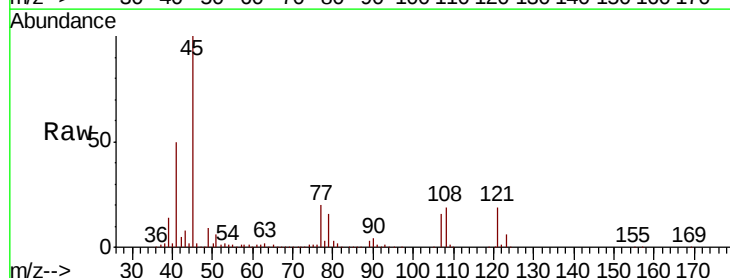
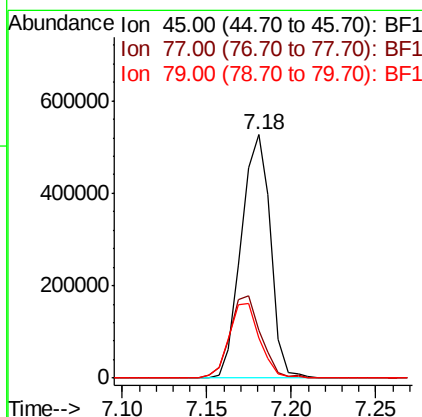
RT: 7.18 min Scan# 866

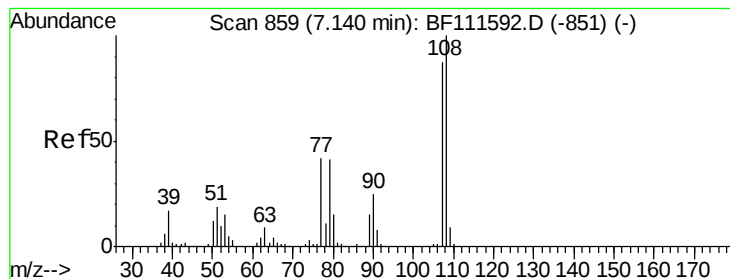
Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	45	Resp:	636767
Ion Ratio	Lower	Upper	
45	100		
77	19.7	0.0	31.5
79	16.3	0.0	28.9





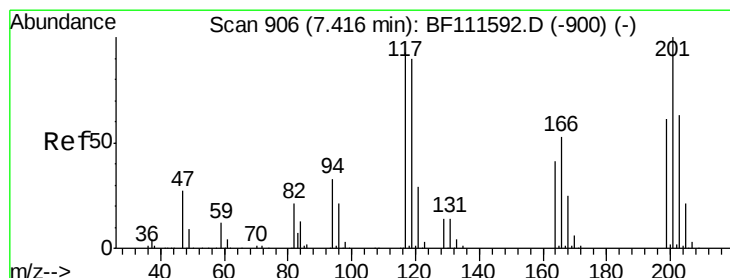
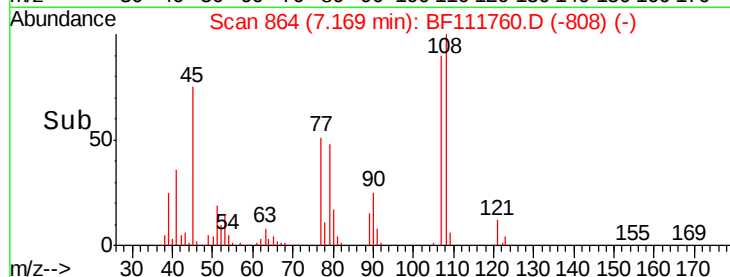
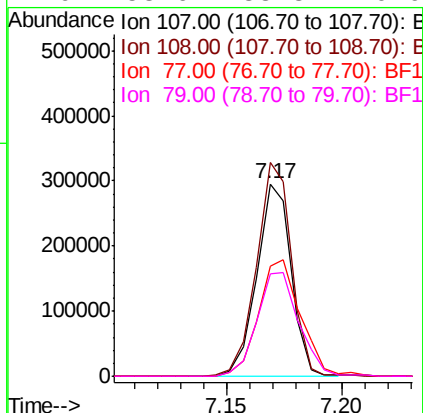
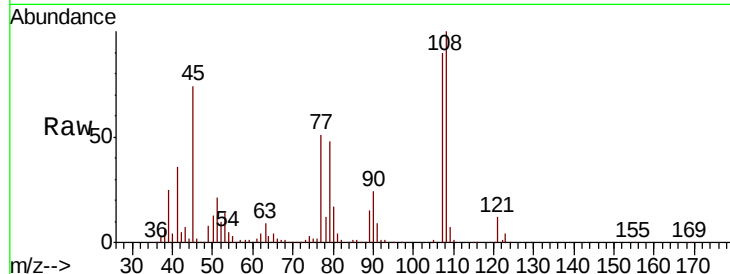
#17
2-Methylphenol
Concen: 40.077 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.0	136.4	
77	57.2	33.5	50.3	
79	53.6	33.3	49.9	

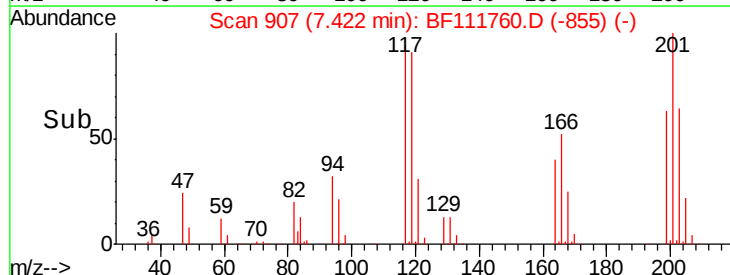
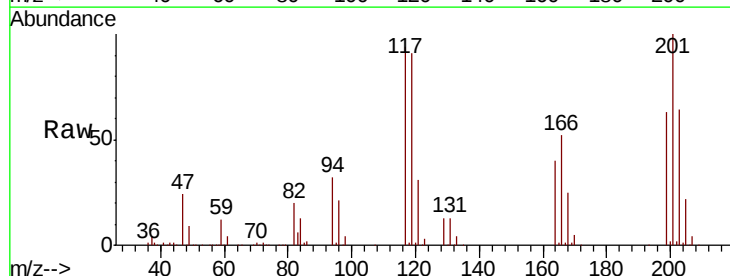
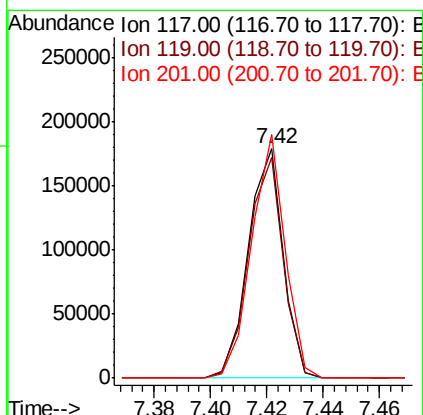
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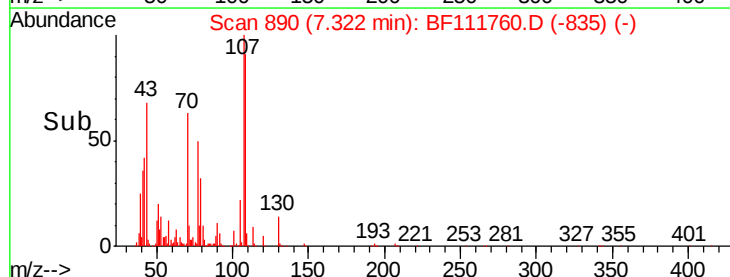
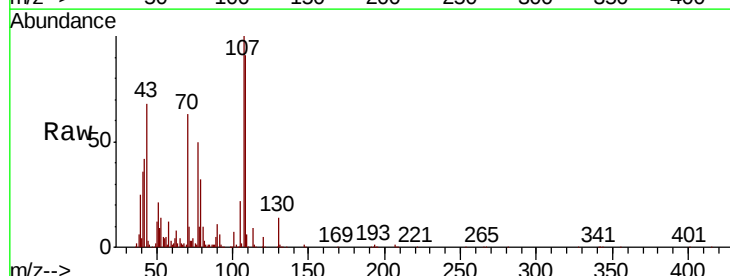
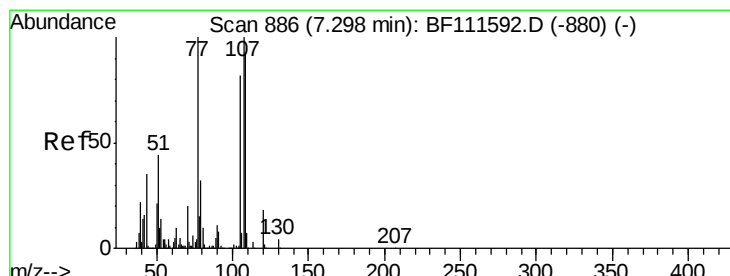
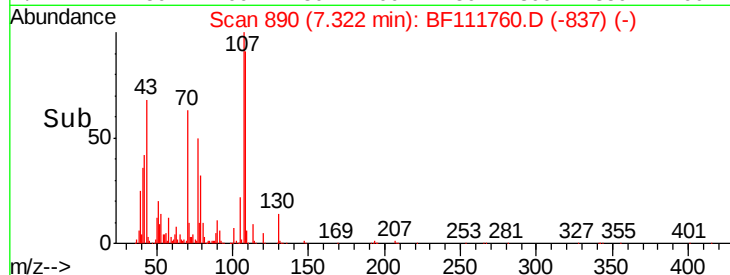
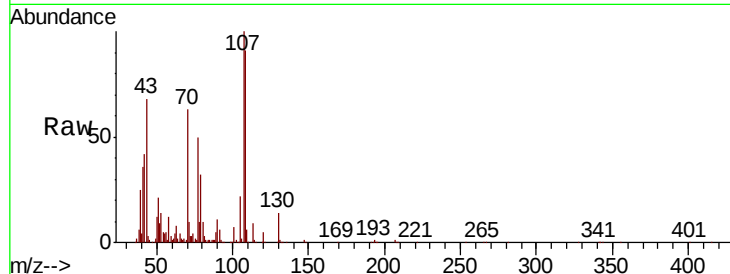
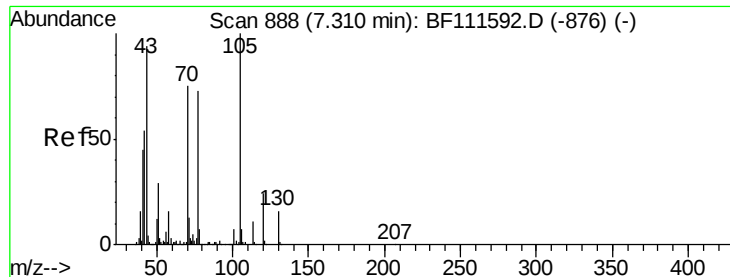
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#18
Hexachloroethane
Concen: 40.389 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.4	113.0	
201	106.3	62.4	93.6	





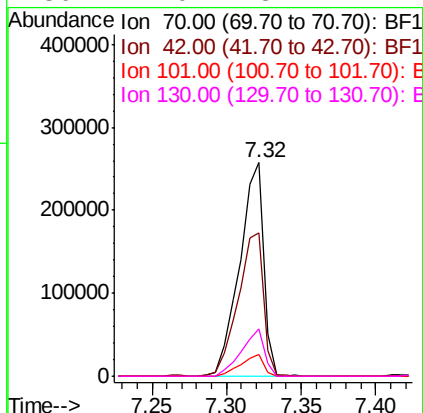
#19
n-Nitroso-di-n-propylamine
Concen: 39.795 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	67.0	53.2	79.8	
101	10.5	8.2	12.4	
130	22.0	18.1	27.1	

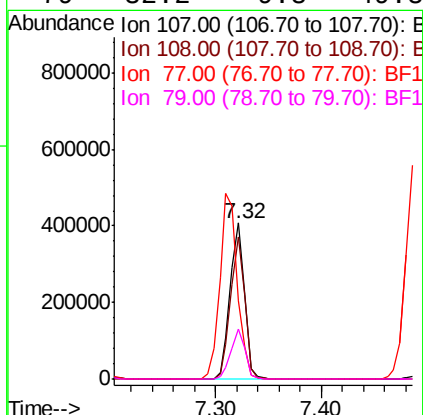
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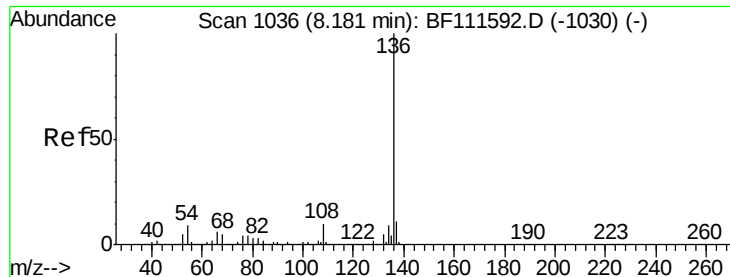
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#20
3+4-Methylphenols
Concen: 39.815 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.2	72.1	112.1	
77	50.0	94.1	134.1#	
79	32.2	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

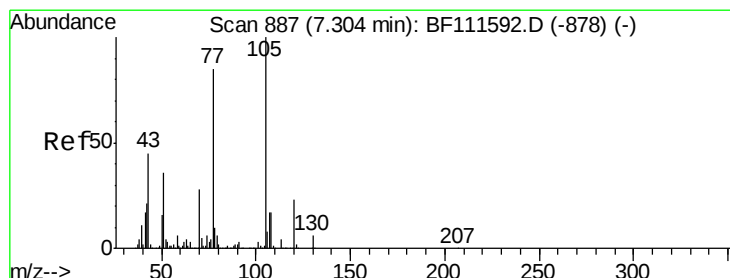
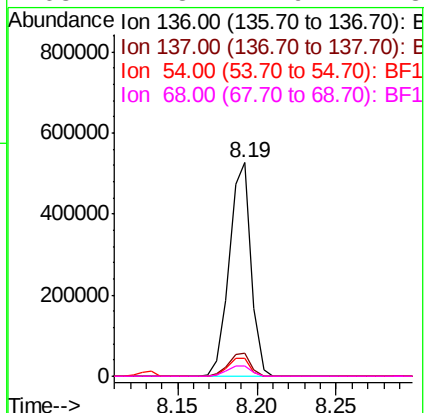
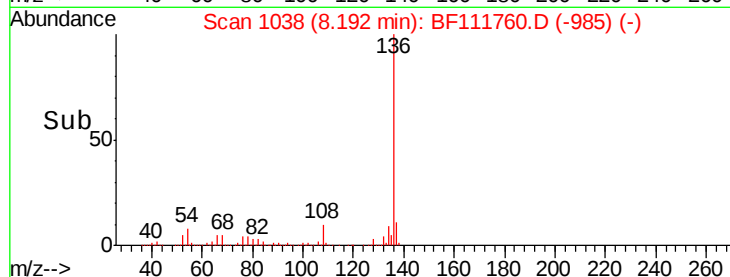
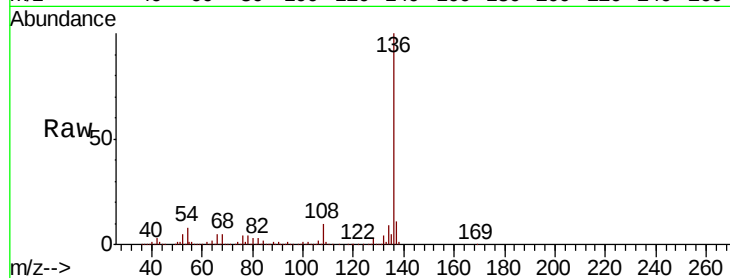
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	499466		
137	10.7	9.1	13.7	
54	8.2	7.7	11.5	
68	4.8	4.9	7.3#	

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#22

Acetophenone

Concen: 43.204 ng

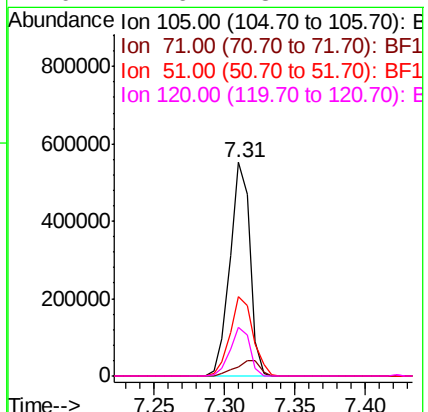
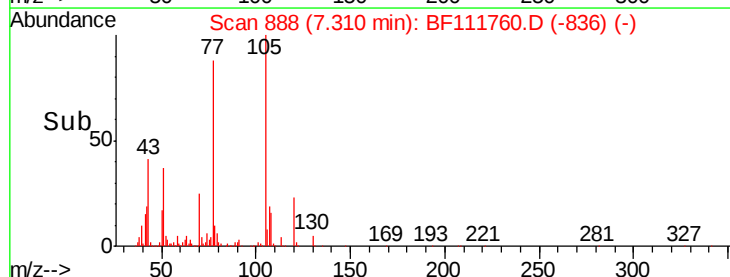
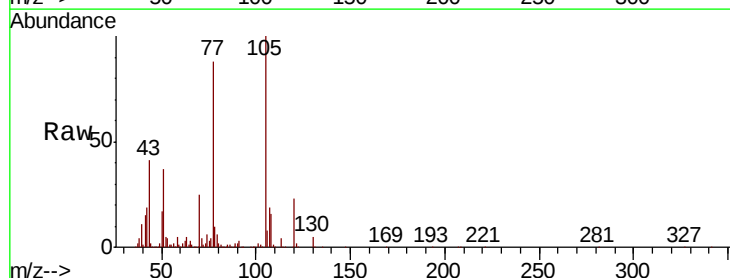
RT: 7.31 min Scan# 888

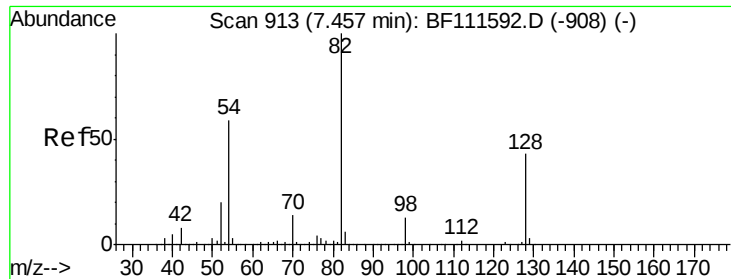
Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546680		
71	4.2	3.1	4.7	
51	37.1	36.6	54.8	
120	22.6	18.2	27.4	





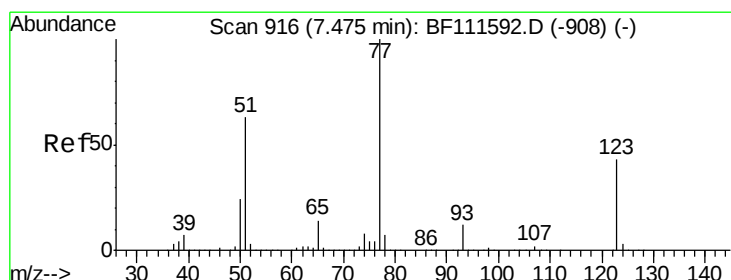
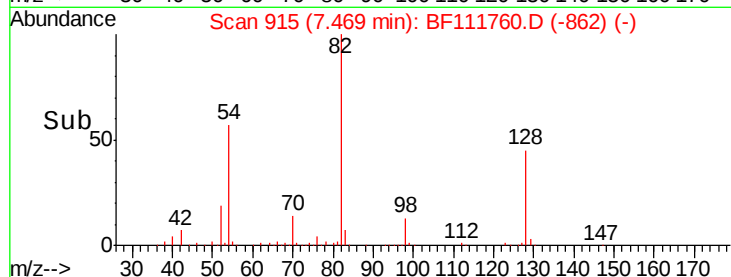
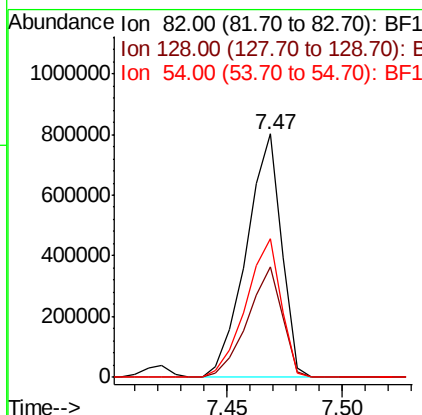
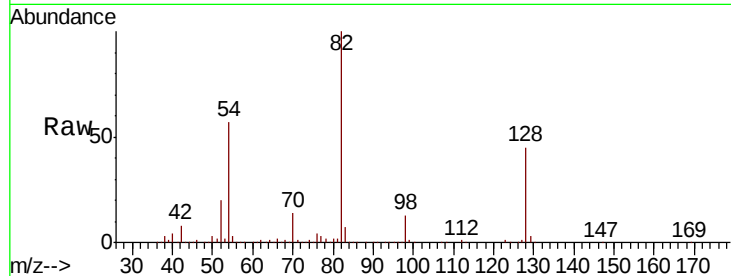
#23
 Nitrobenzene-d5
 Concen: 99.380 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	57.2	47.6	71.4

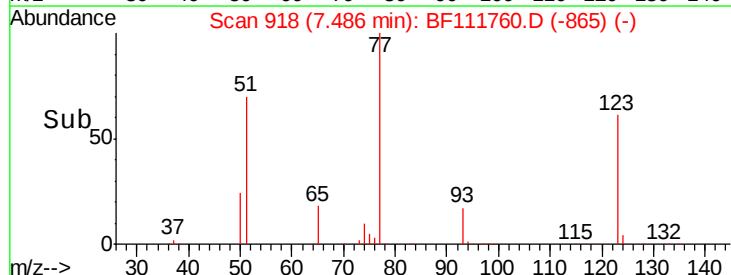
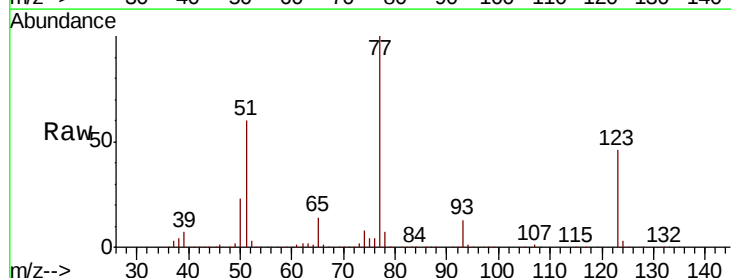
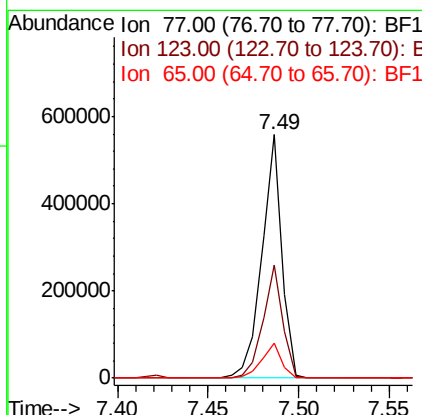
Manual Integrations
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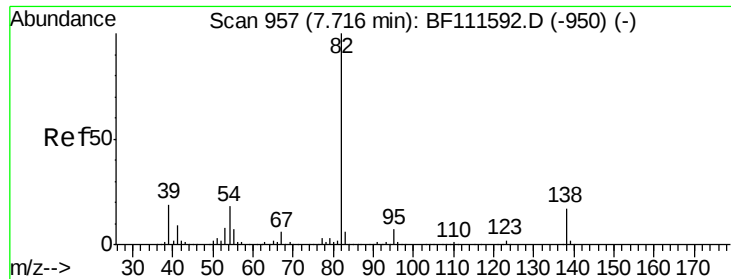
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#24
 Nitrobenzene
 Concen: 47.399 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.2	55.8
65	14.3	11.5	17.3





#25

Isophorone

Concen: 48.025 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

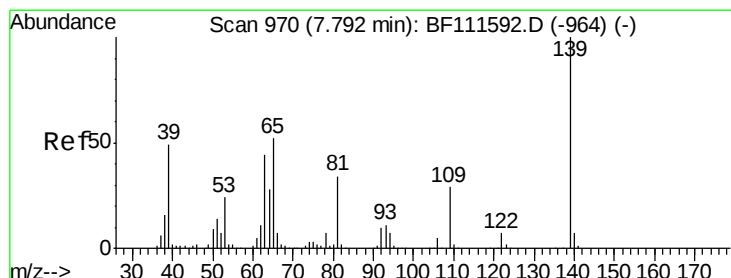
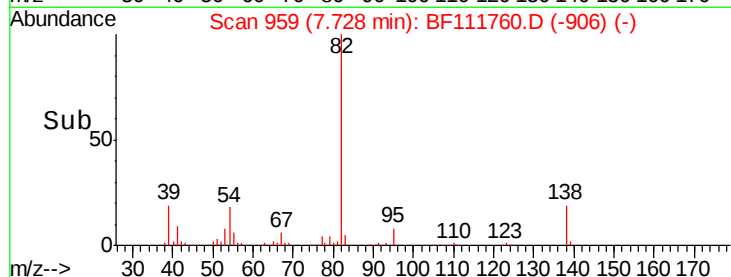
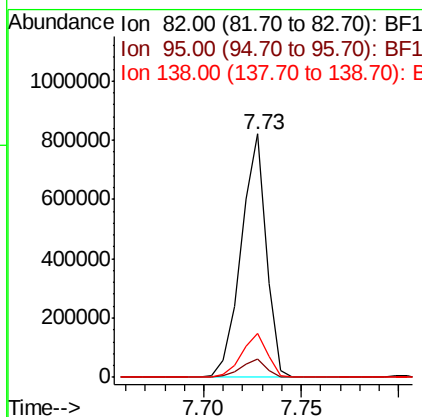
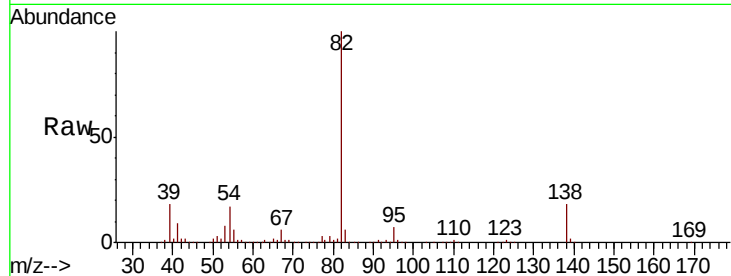
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	82	Resp:	731574
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.4	8.2
138	18.3	15.1	22.7

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#26

2-Nitrophenol

Concen: 56.032 ng

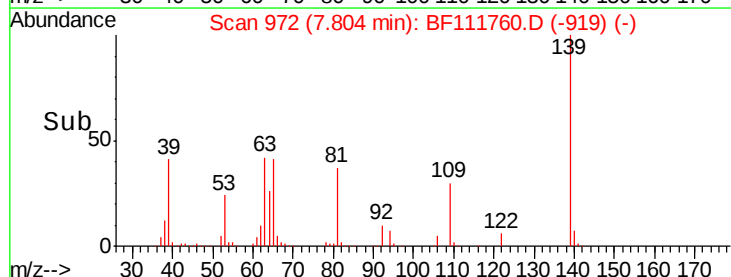
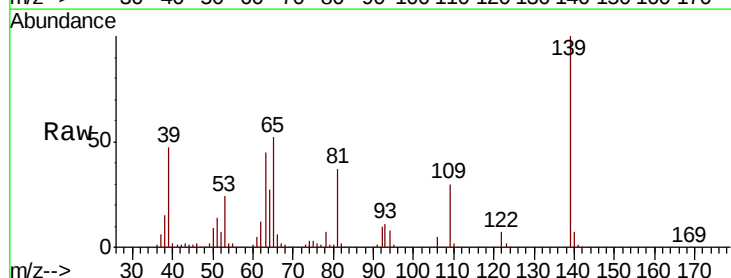
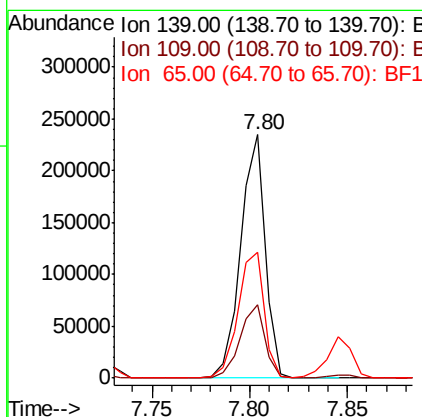
RT: 7.80 min Scan# 972

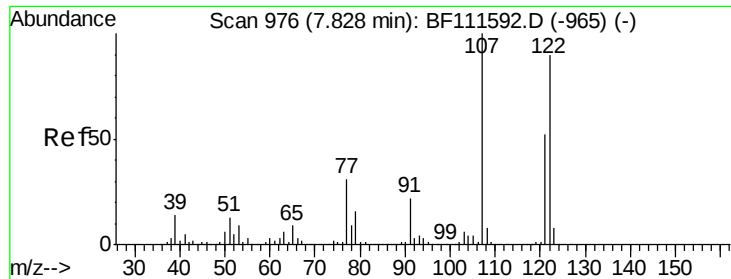
Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	139	Resp:	204374
Ion Ratio	Lower	Upper	
139	100		
109	30.0	20.2	30.4
65	51.9	40.7	61.1





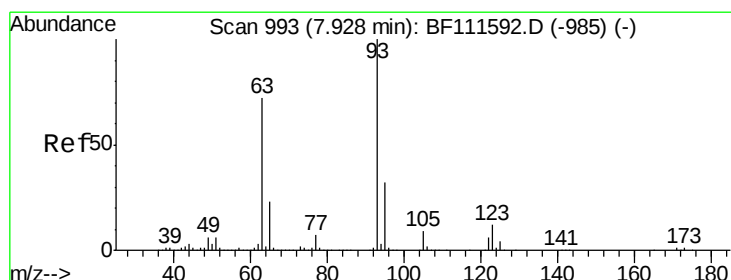
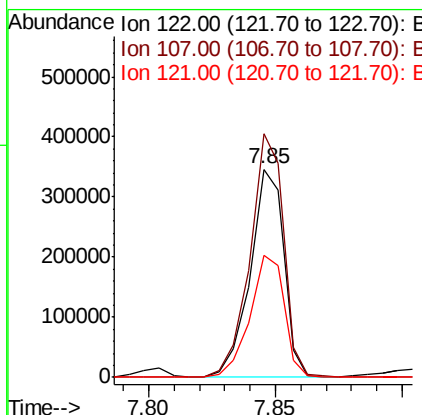
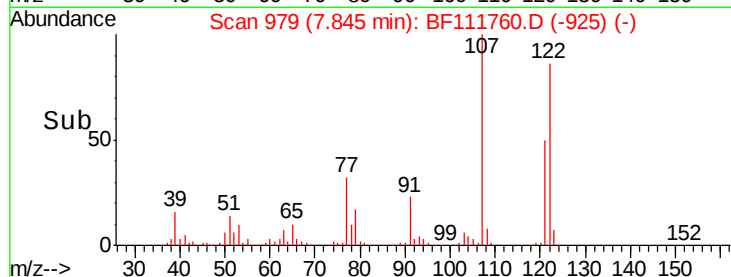
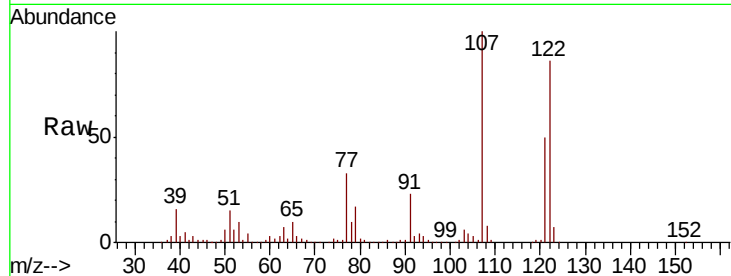
#27
2,4-Dimethylphenol
Concen: 45.011 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	116.9	85.5	128.3		
121	58.3	46.6	70.0		

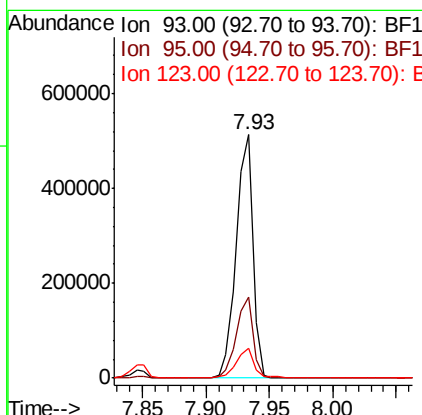
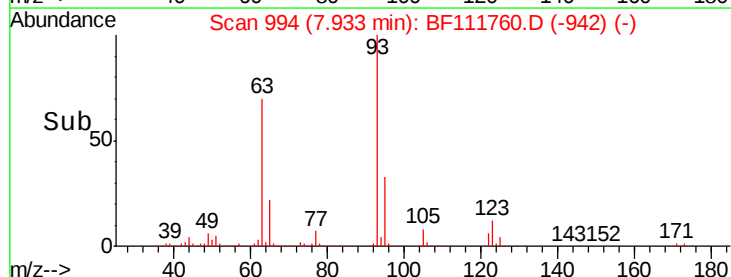
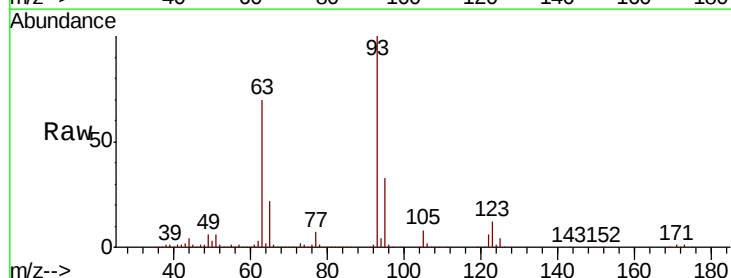
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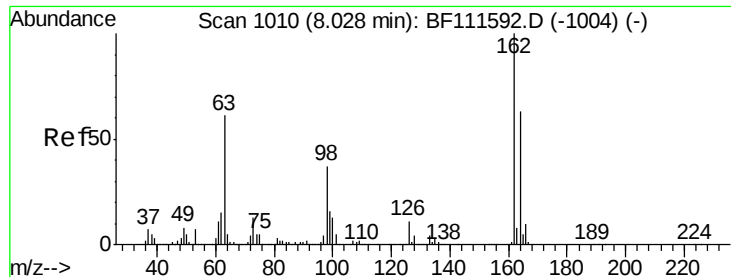
Sohil
12/28/2018 10:37:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.790 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.0	27.1	40.7		
123	12.0	9.9	14.9		





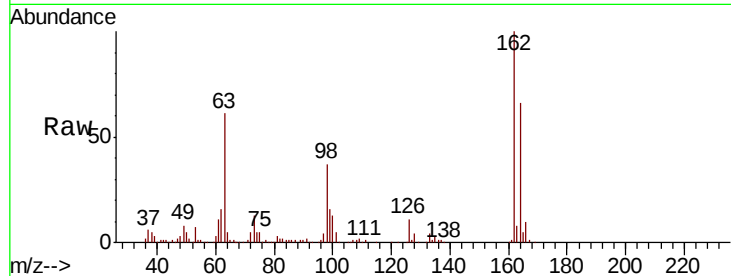
#29
2,4-Dichlorophenol
Concen: 41.634 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	321985		
164	65.9		44.4	84.4
98	36.9		20.3	60.3

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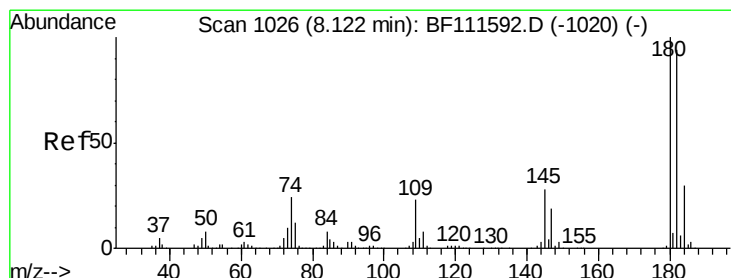
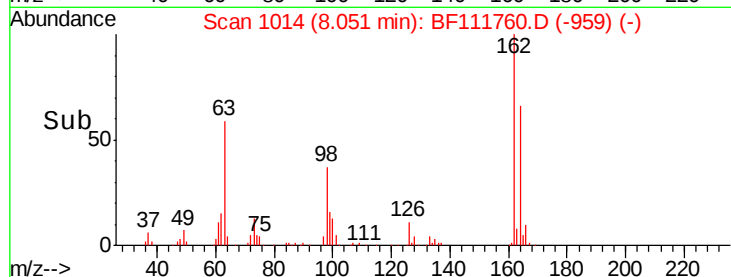
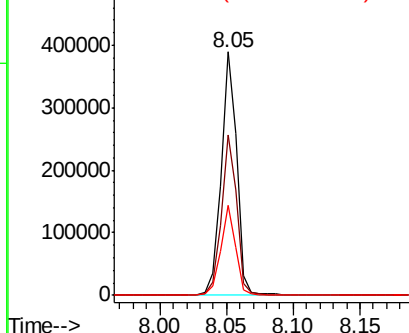


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.144 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

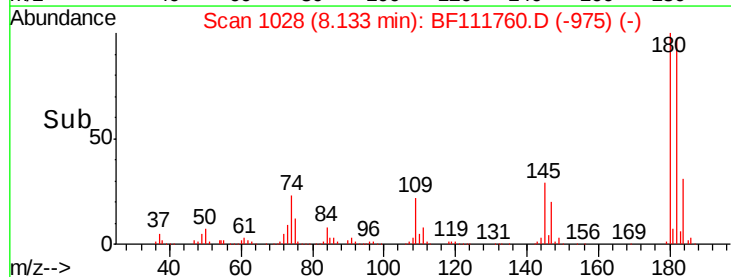
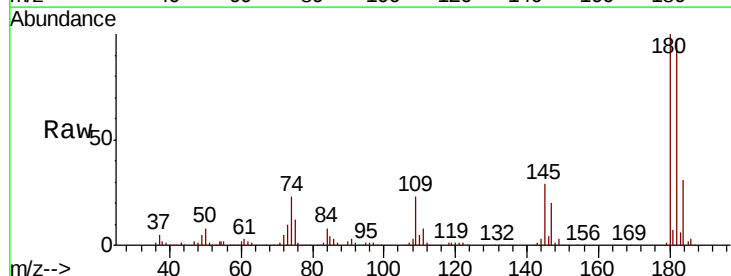
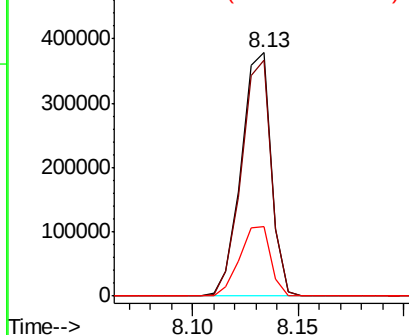
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371810		
182	96.9		75.6	113.4
145	28.7		26.7	40.1

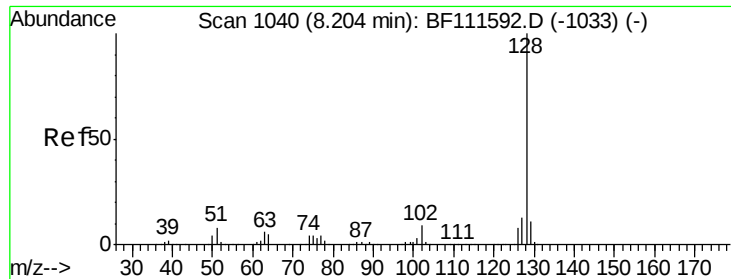
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





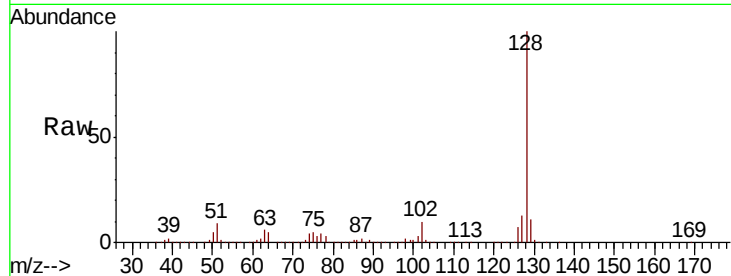
#31
Naphthalene
Concen: 46.799 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.8
127	13.2	12.0	18.0

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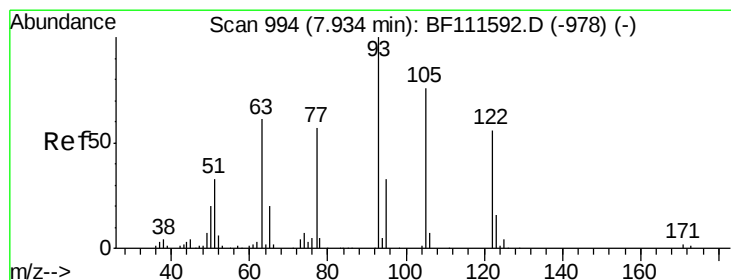
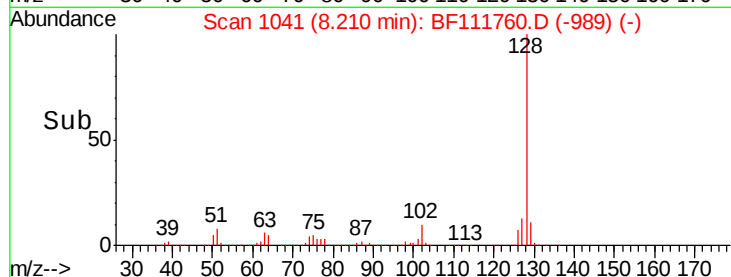
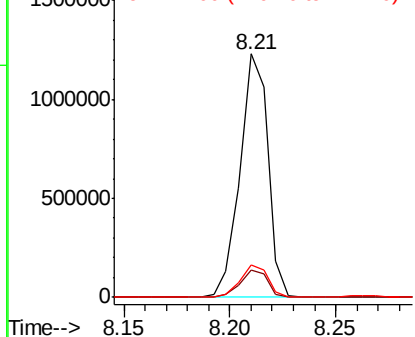


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.518 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

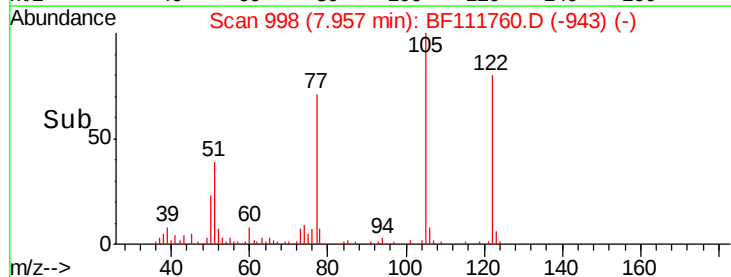
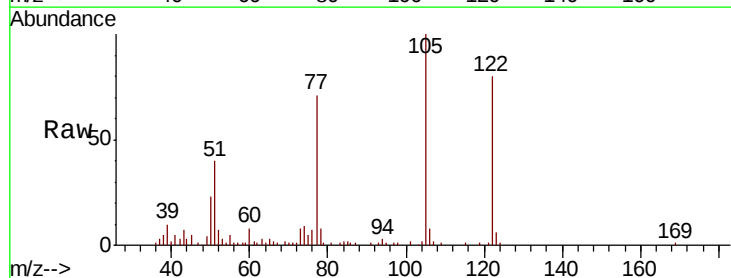
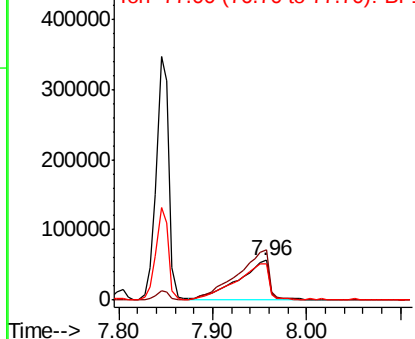
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	97.0	137.0
77	89.7	65.7	105.7

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





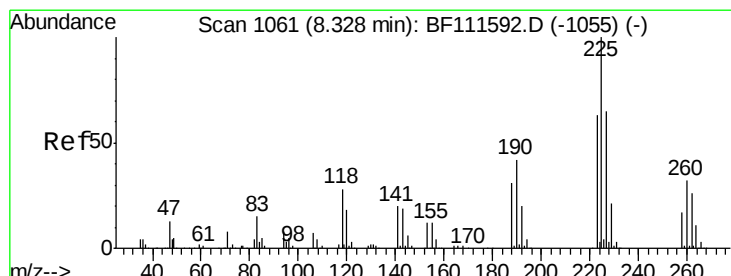
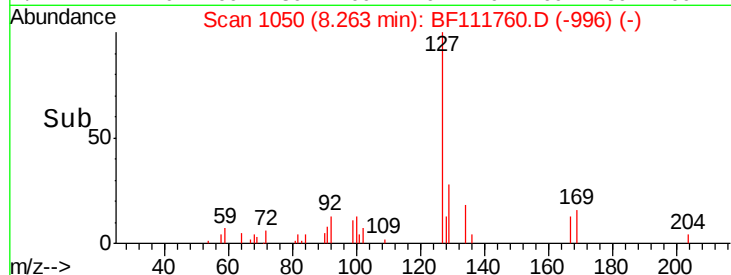
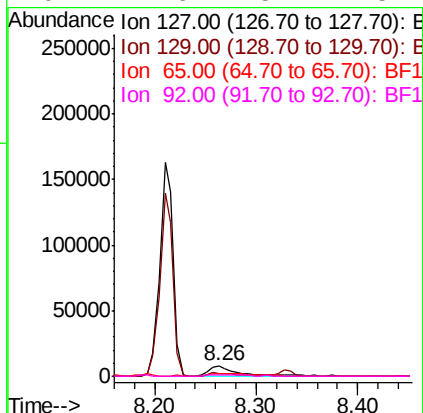
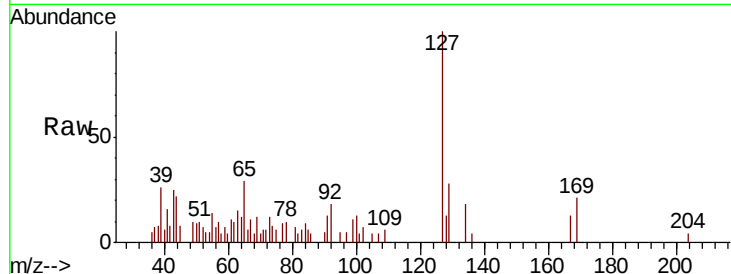
#33
4-Chloroaniline
Concen: 1.615 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		16752		
129	28.1	26.6	39.8		
65	28.8	25.7	38.5		
92	17.6	15.4	23.2		

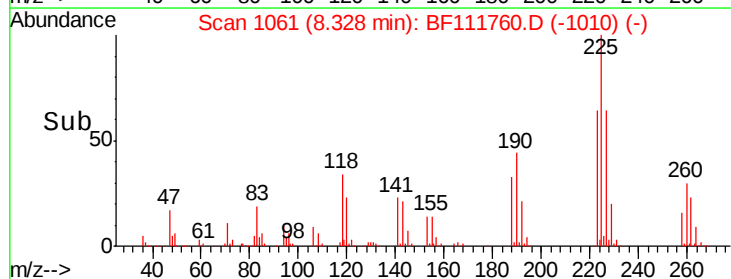
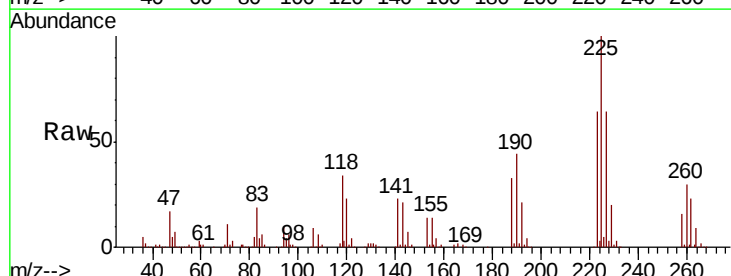
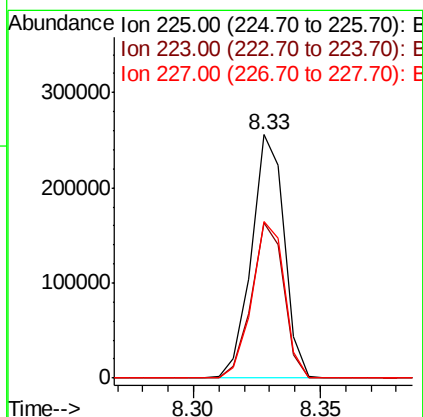
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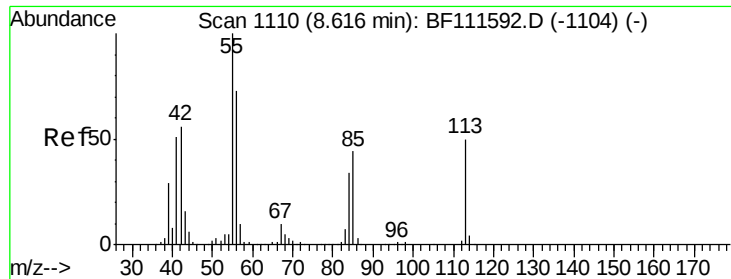
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#34
Hexachlorobutadiene
Concen: 43.729 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		229679		
223	63.8	50.7	76.1		
227	64.2	52.6	78.8		





#35

Caprolactam

Concen: 21.784 ng/mL

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

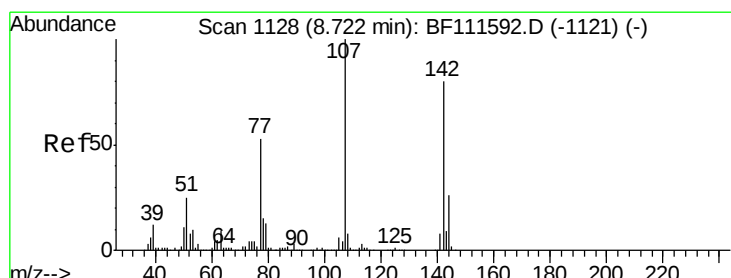
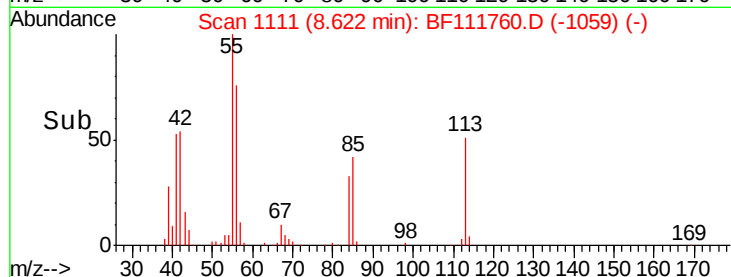
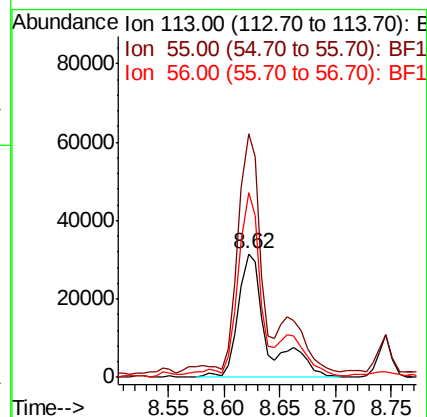
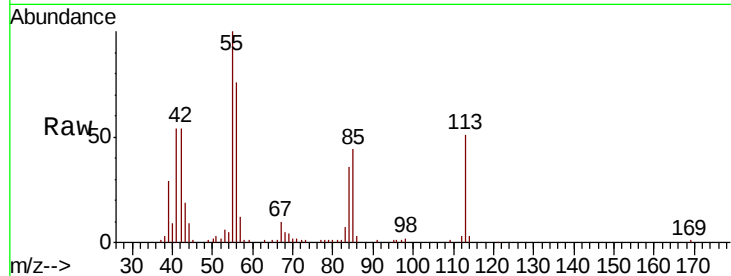
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		57085		
55	196.9	184.1	224.1		
56	149.0	126.0	166.0		

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#36

4-Chloro-3-methylphenol

Concen: 39.159 ng/mL

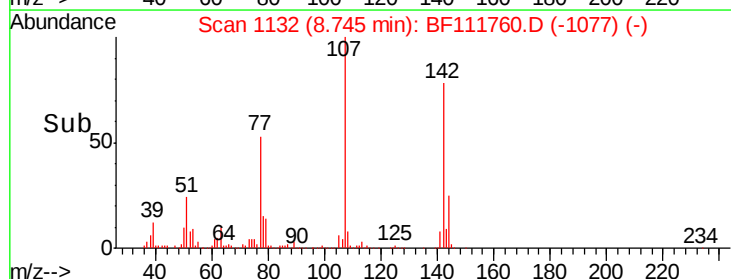
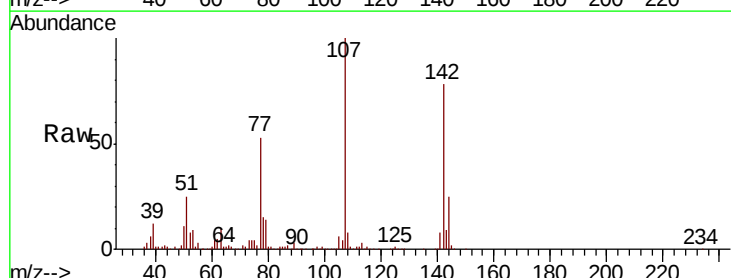
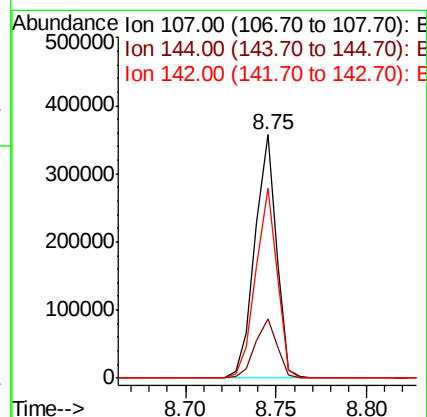
RT: 8.75 min Scan# 1132

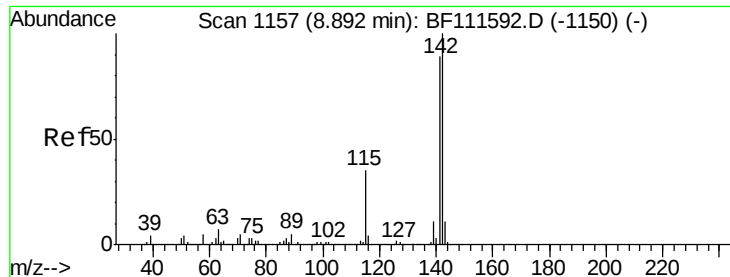
Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		297693		
144	24.6	19.8	29.6		
142	78.1	62.3	93.5		





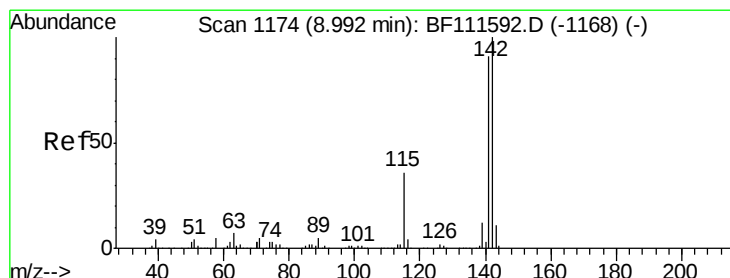
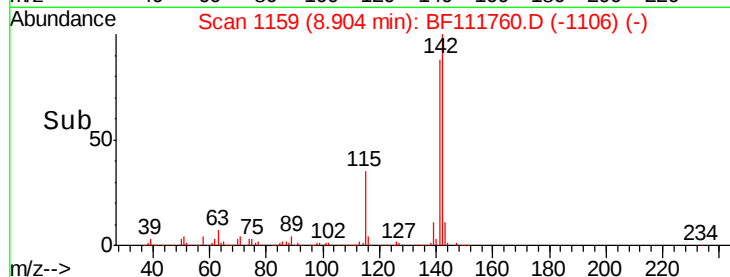
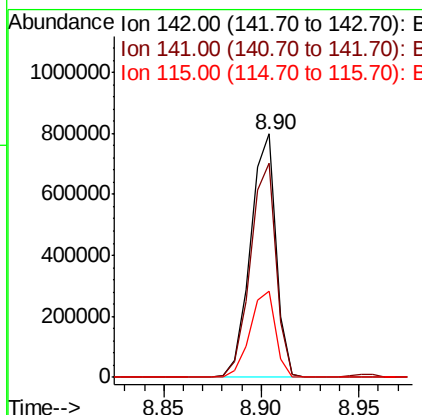
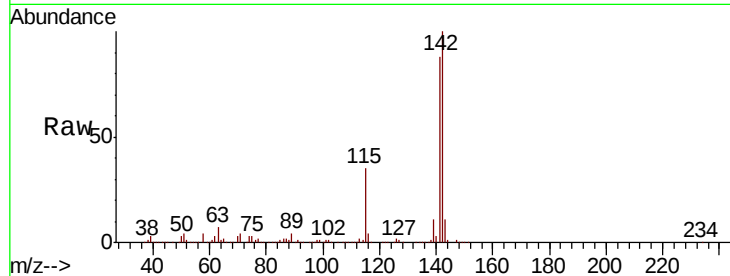
#37
2-Methylnaphthalene
Concen: 46.302 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	35.1	27.0	40.6

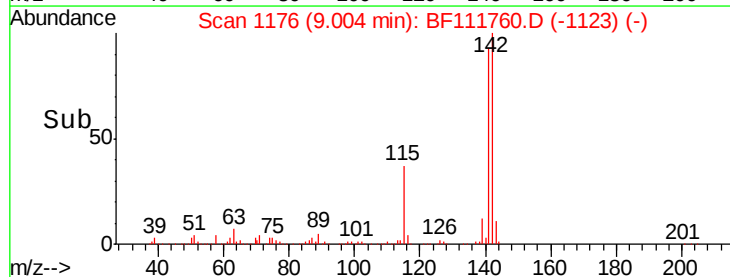
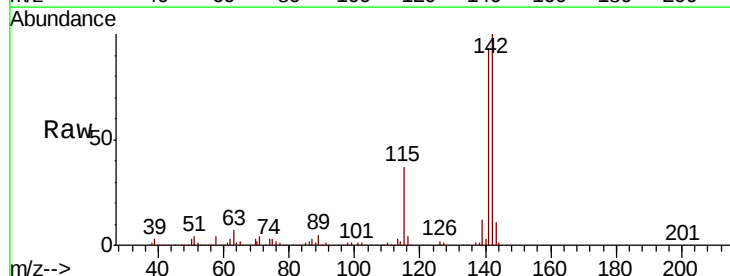
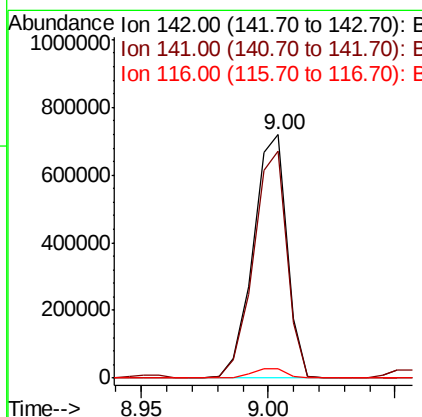
Manual Integrations
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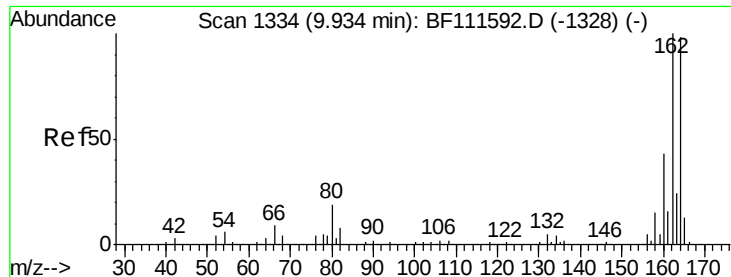
Sohil
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#38
1-Methylnaphthalene
Concen: 44.733 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	3.6	2.9	4.3





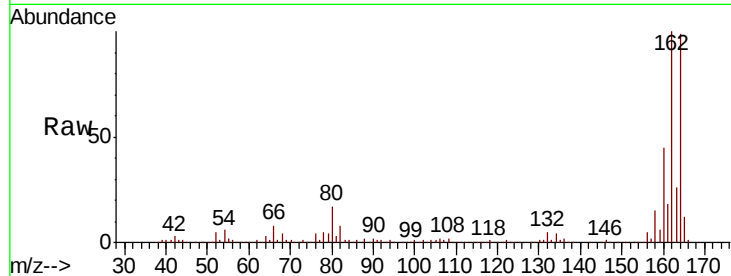
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	45.0	35.7	53.5

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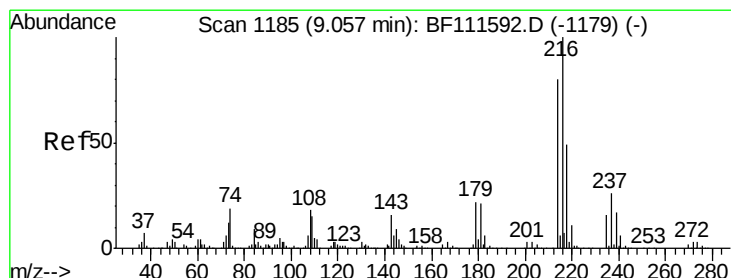
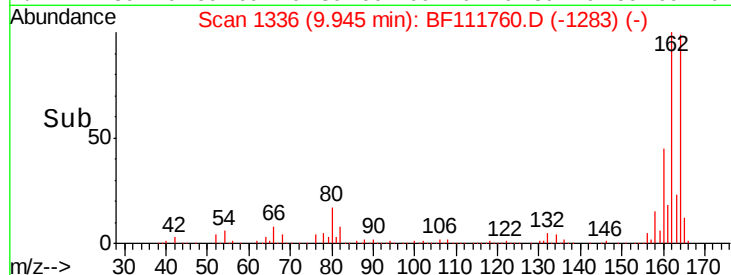
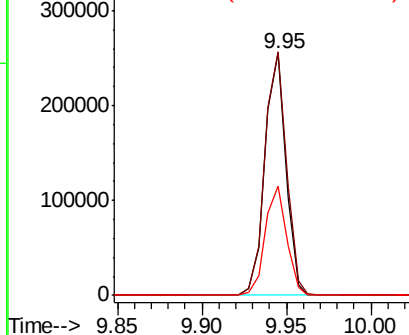


Abundance

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: 48.105 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	21.0	17.9	26.9
108	18.6	18.4	27.6

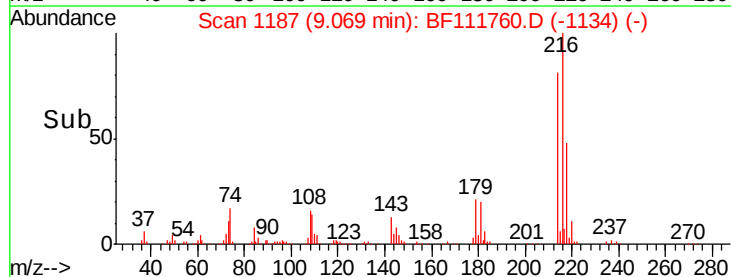
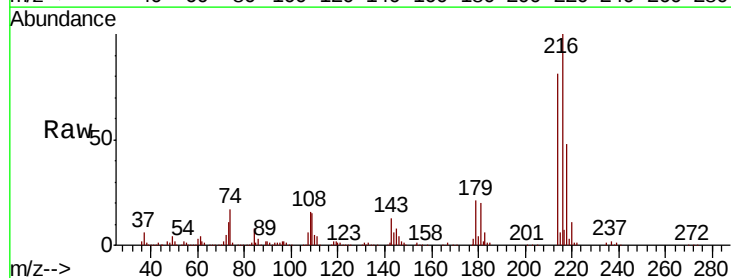
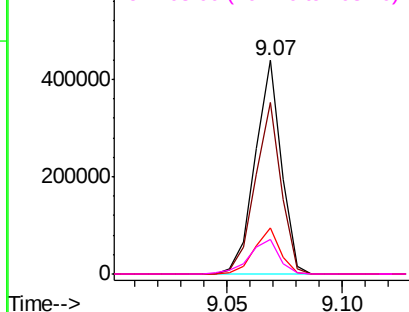
Abundance

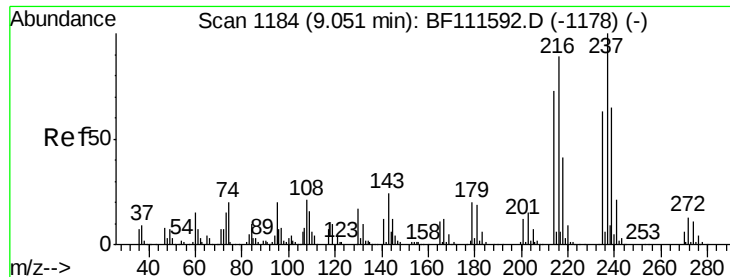
Ion 216.00 (215.70 to 216.70): E

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: 57.452 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

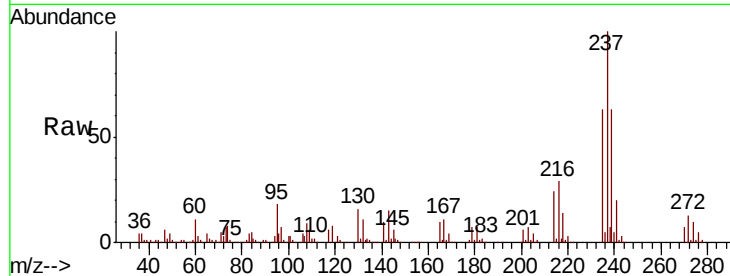
ClientSampleId :

P001-SS022-0612-01MSD

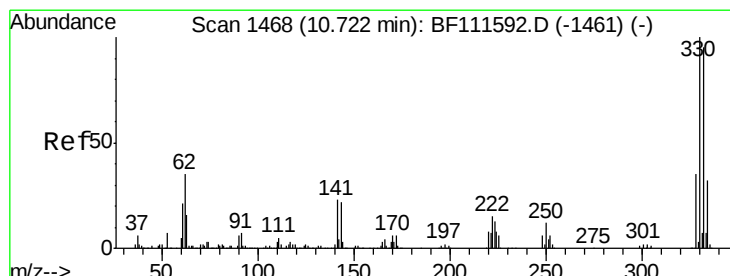
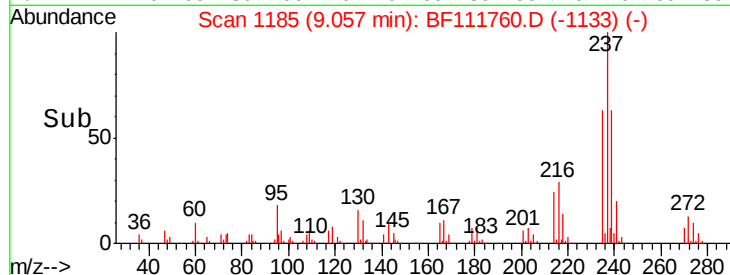
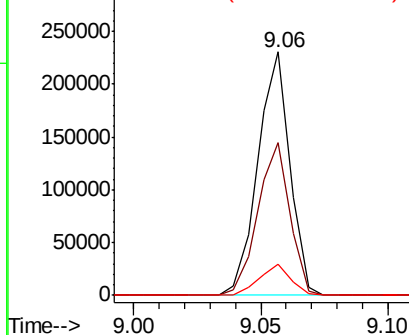
Tot Ion:	237	Resp:	201585
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.1	83.1
272	12.6	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 125.974 ng

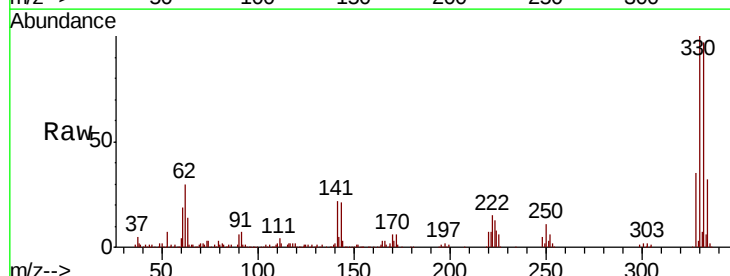
RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

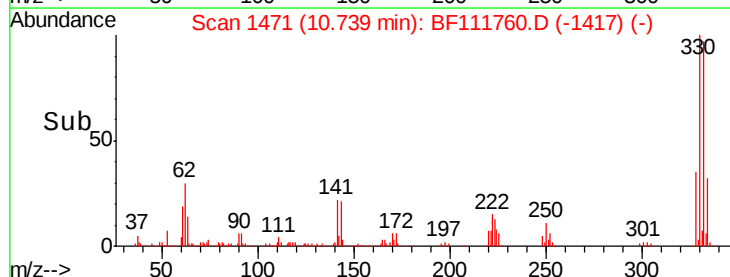
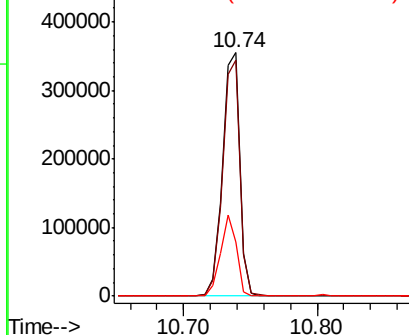
Lab File: BF111760.D

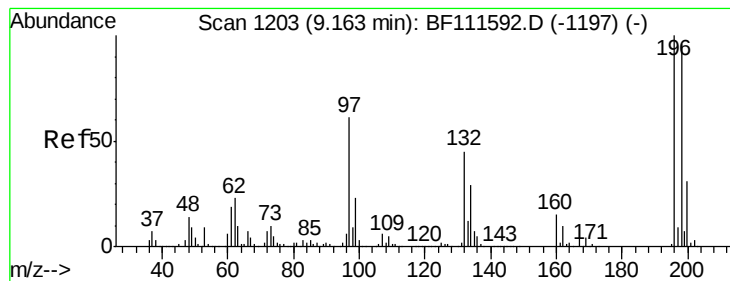
Acq: 27 Dec 2018 14:16

Tgt Ion:	330	Resp:	327527
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.0	114.0
141	30.7	31.0	46.6#



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





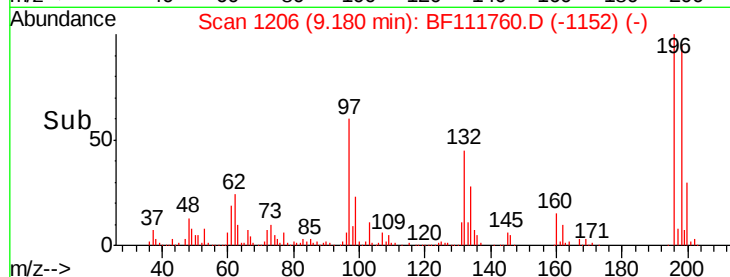
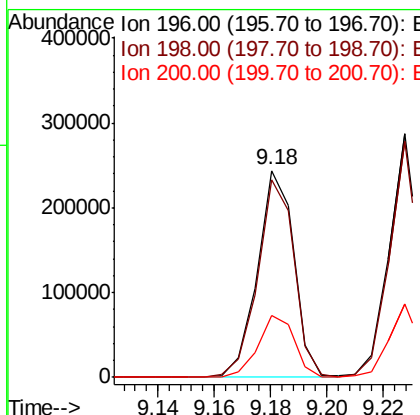
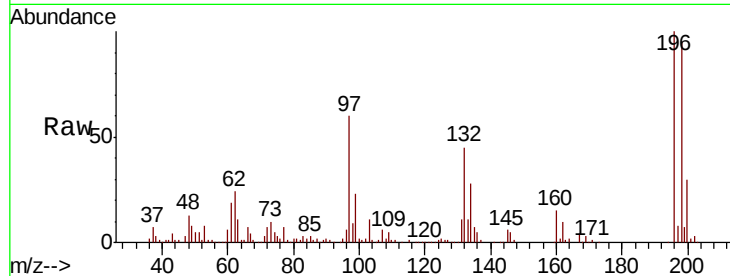
#43
 2,4,6-Trichlorophenol
 Concen: 45.316 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218764		
198	95.3	76.3	114.5	
200	29.9	24.9	37.3	

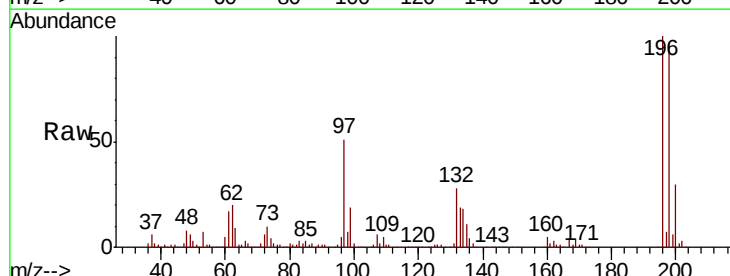
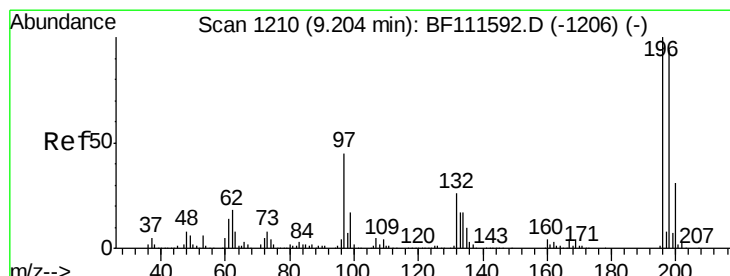
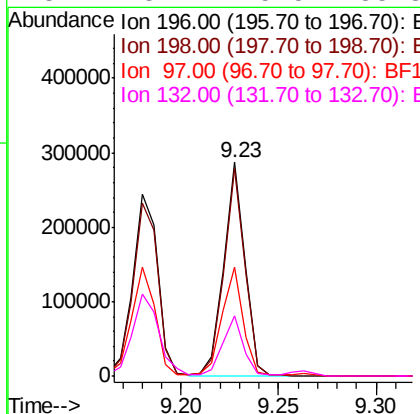
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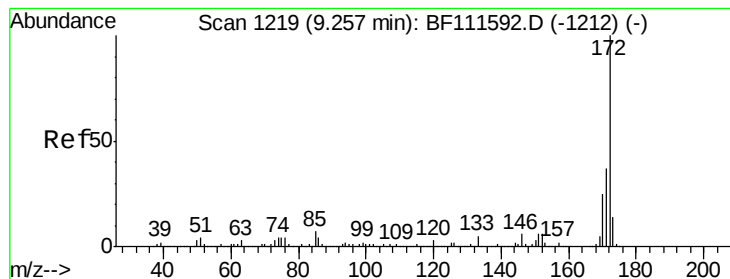
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#44
 2,4,5-Trichlorophenol
 Concen: 43.783 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216835		
198	96.9	72.9	109.3	
97	50.9	45.3	67.9	
132	28.2	25.5	38.3	





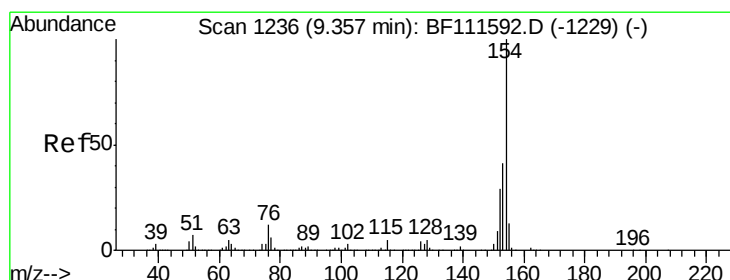
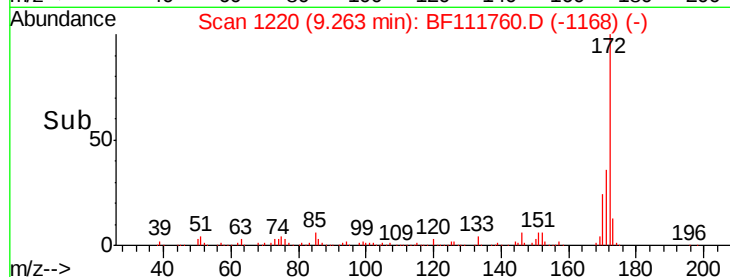
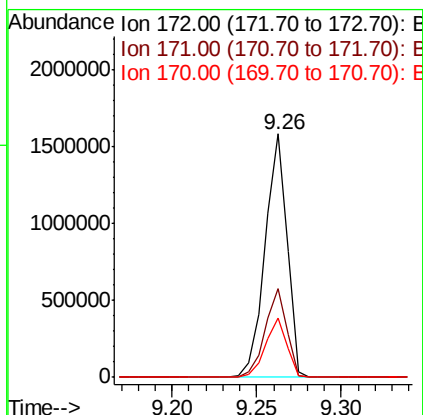
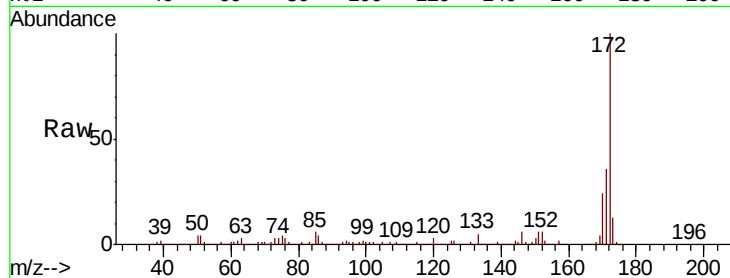
#45
2-Fluorobiphenyl
Concen: 94.321 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion:172 Resp: 1423917
Ion Ratio Lower Upper
172 100
171 36.4 33.0 49.4
170 24.3 22.3 33.5

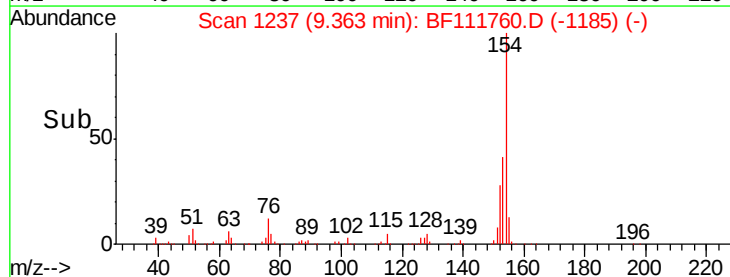
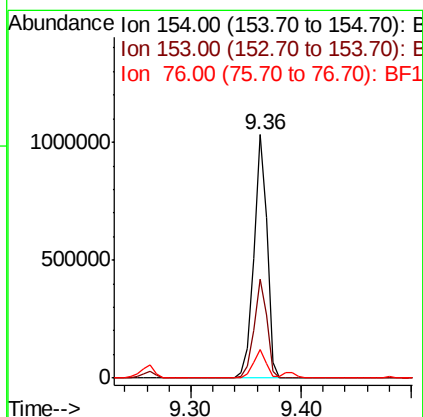
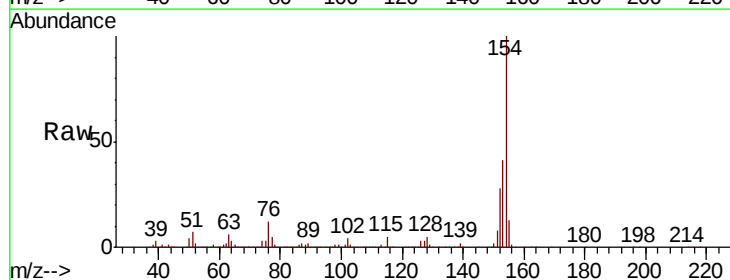
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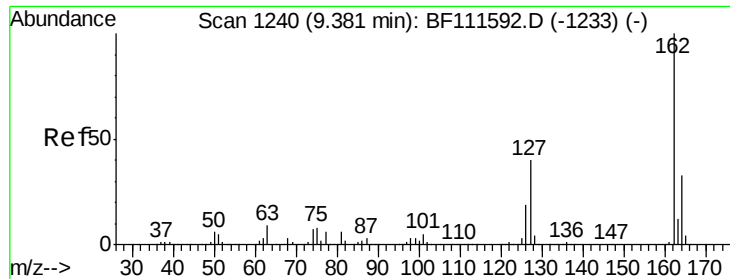
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#46
1,1'-Biphenyl
Concen: 46.473 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:154 Resp: 863234
Ion Ratio Lower Upper
154 100
153 40.6 23.7 63.7
76 11.9 0.0 35.0





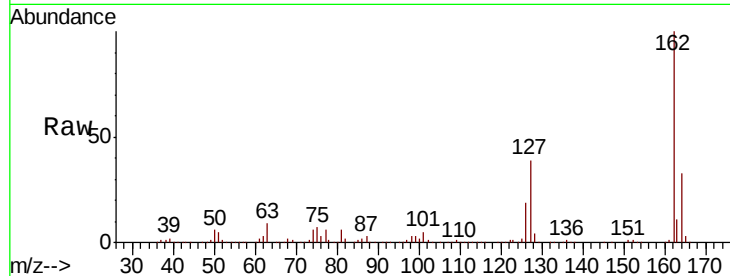
#47
2-Chloronaphthalene
Concen: 44.520 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

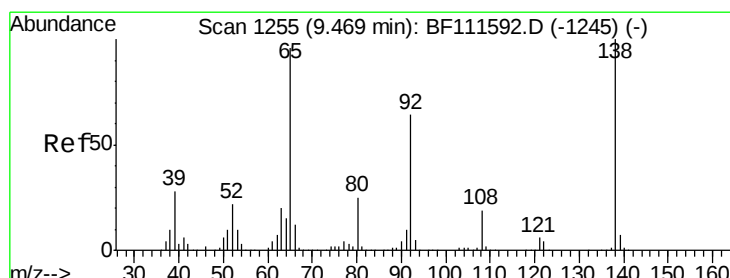
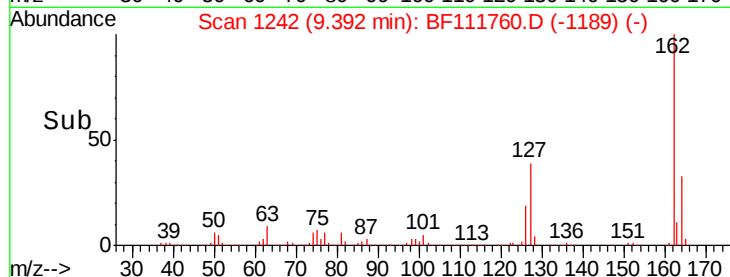
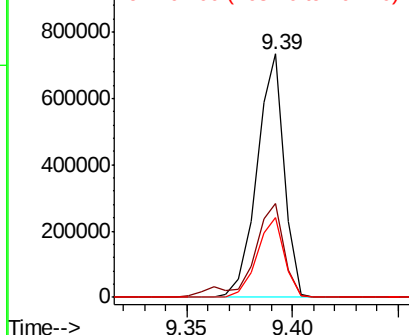
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	35.0	52.4
164	33.0	28.4	42.6

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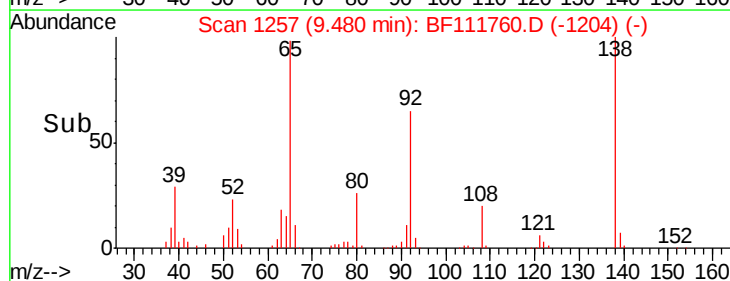
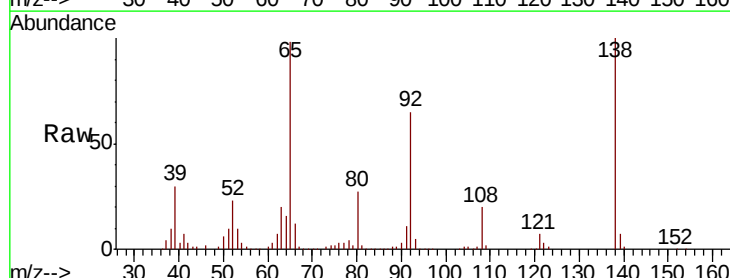
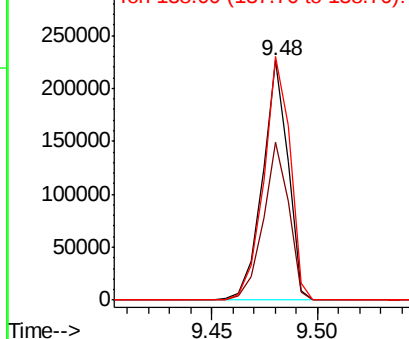
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

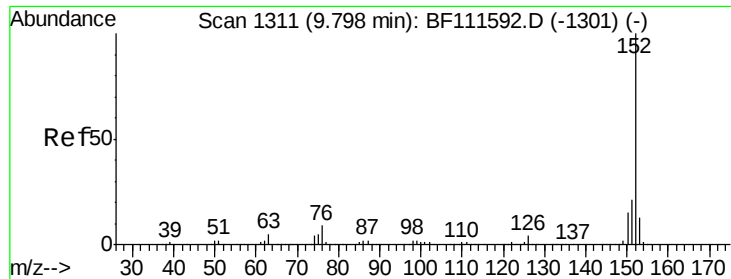


#48
2-Nitroaniline
Concen: 49.739 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.5	80.3
138	101.8	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: 45.627 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

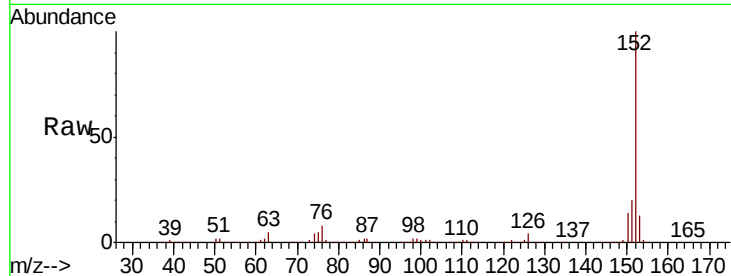
ClientSampleId :

P001-SS022-0612-01MSD

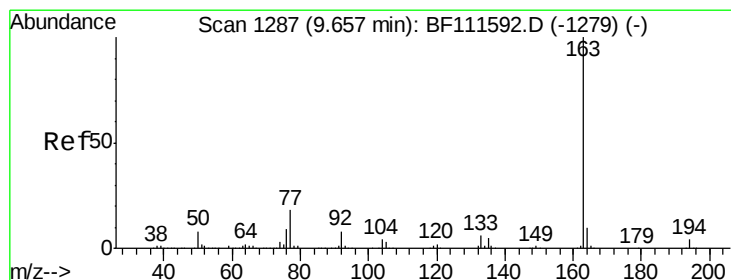
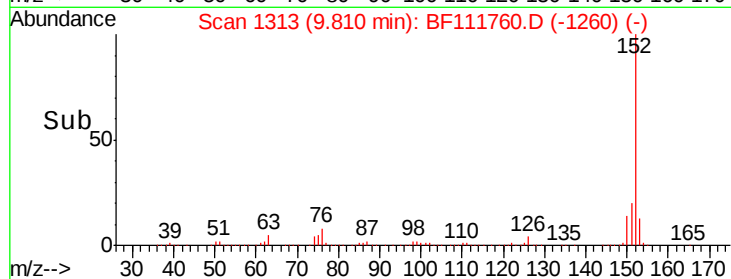
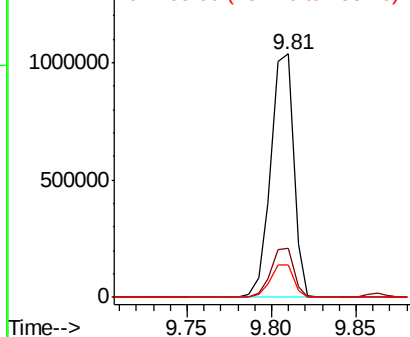
Tot Ion:	152	Resp:	980394
Ion Ratio	Lower	Upper	
152	100		
151	20.3	18.0	27.0
153	13.2	12.3	18.5

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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: 56.739 ng

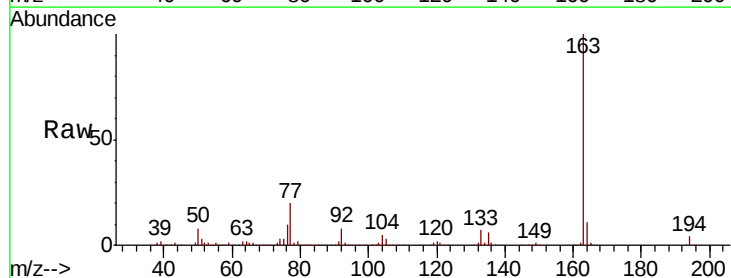
RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

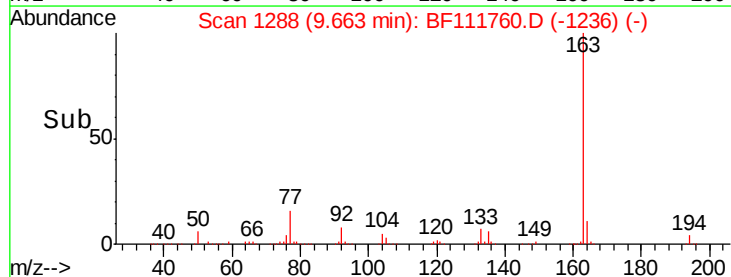
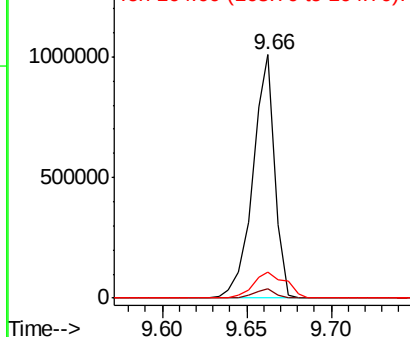
Lab File: BF111760.D

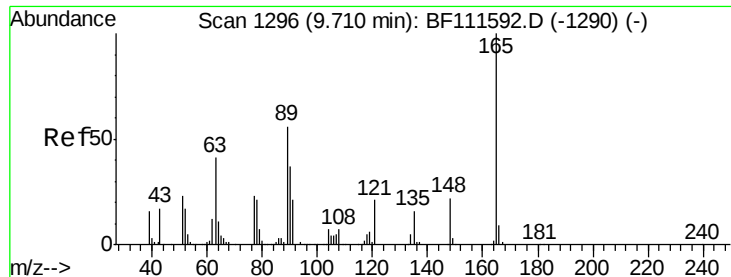
Acq: 27 Dec 2018 14:16

Tgt Ion:	163	Resp:	912984
Ion Ratio	Lower	Upper	
163	100		
194	4.0	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: 50.383 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

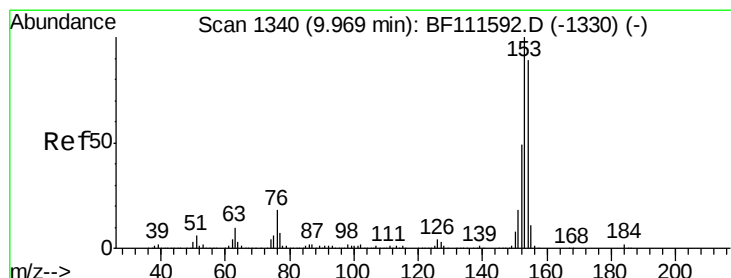
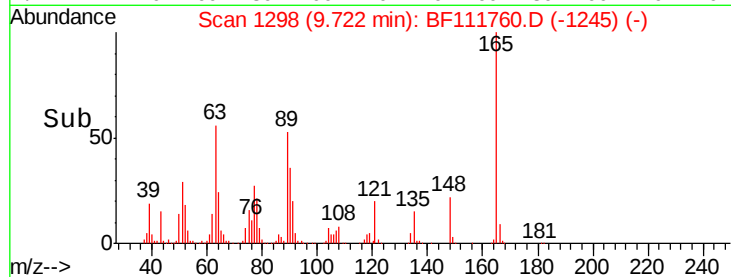
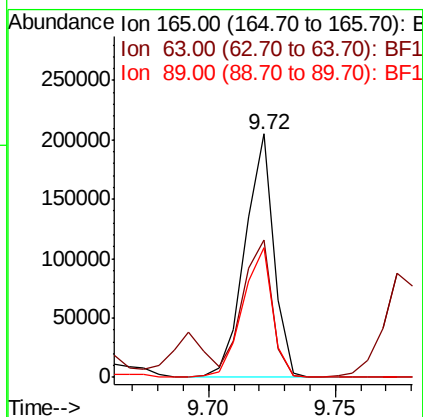
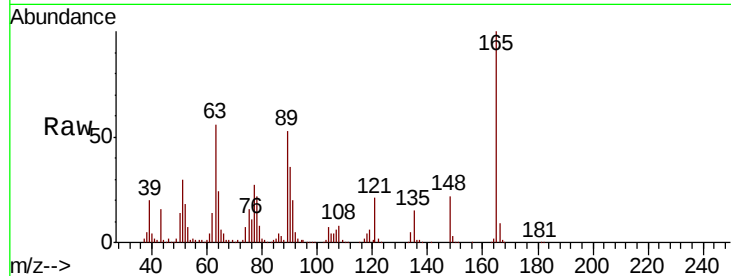
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	165	Resp:	161655
Ion Ratio	Lower	Upper	
165	100		
63	56.3	40.5	60.7
89	53.5	40.0	60.0

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#52

Acenaphthene

Concen: 48.026 ng

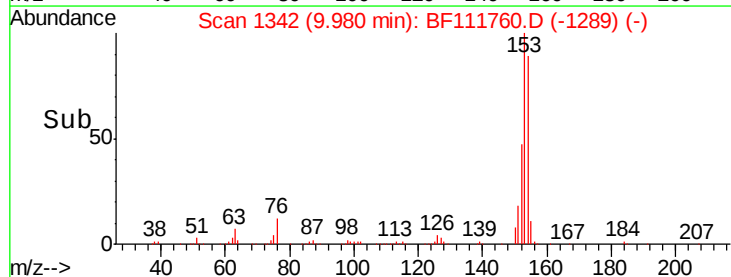
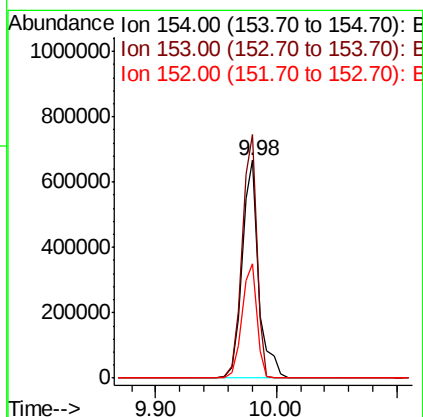
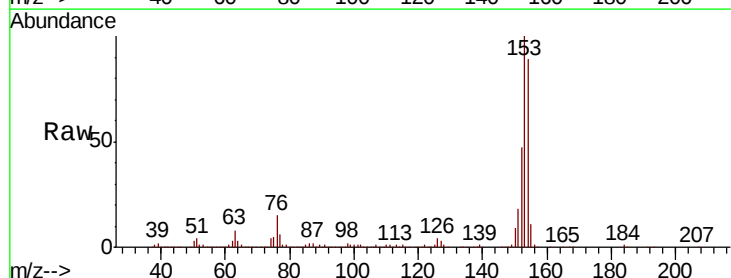
RT: 9.98 min Scan# 1342

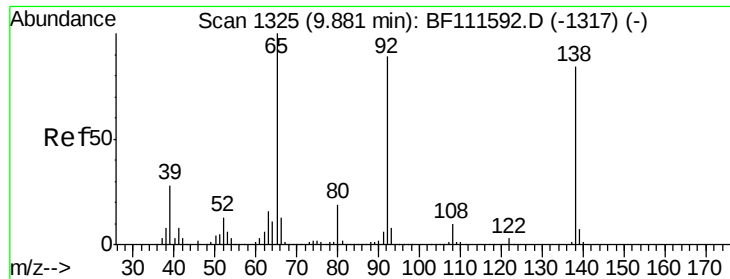
Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	154	Resp:	636461
Ion Ratio	Lower	Upper	
154	100		
153	111.8	87.8	131.8
152	52.7	43.4	65.2





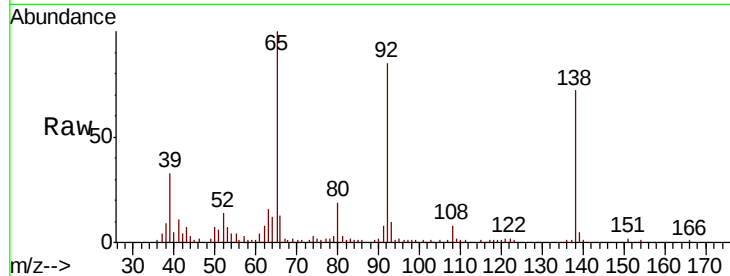
#53
3-Nitroaniline
Concen: 10.369 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.2	12.4
92	116.9	93.4	140.2

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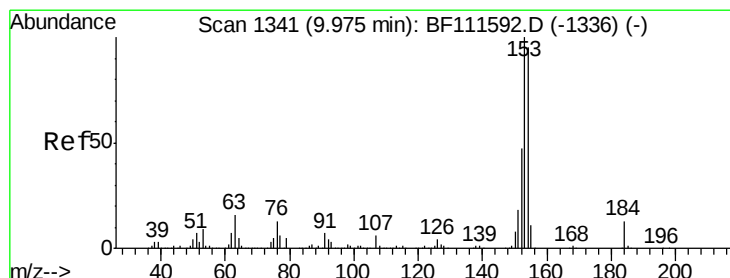
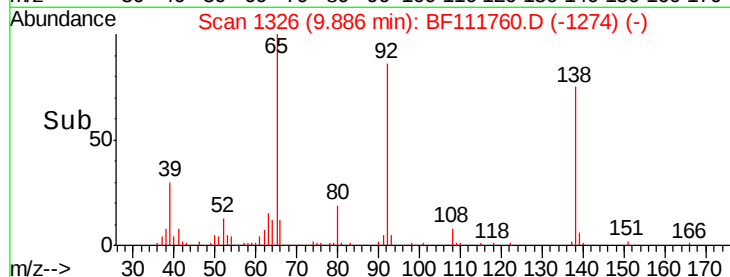
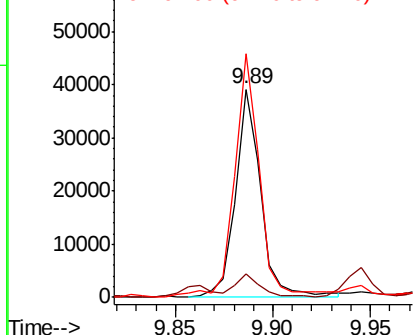


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 105.873 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

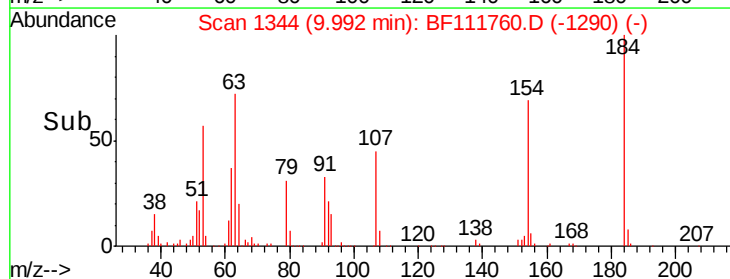
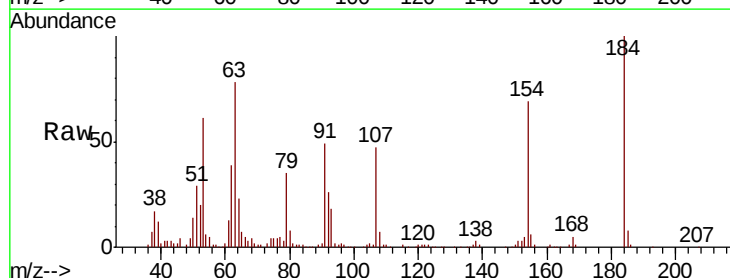
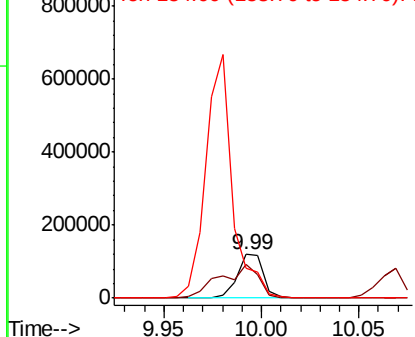
Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.6	62.3	93.5
154	69.0	56.2	84.2

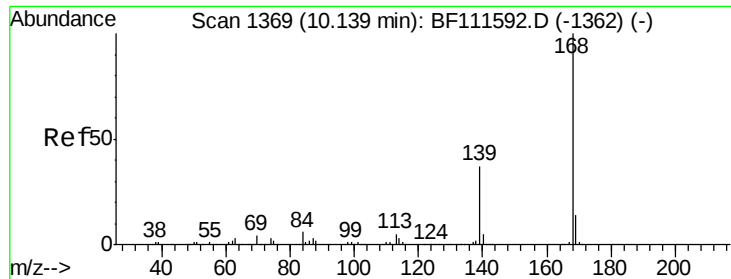
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.582 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

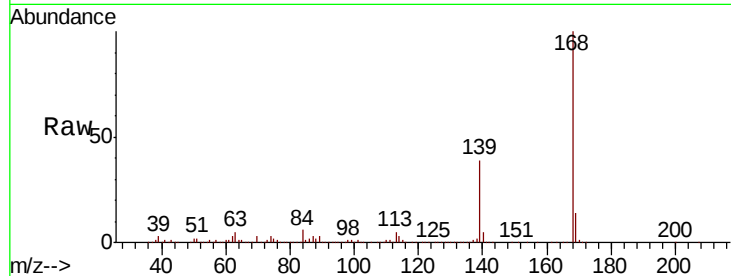
ClientSampleId :

P001-SS022-0612-01MSD

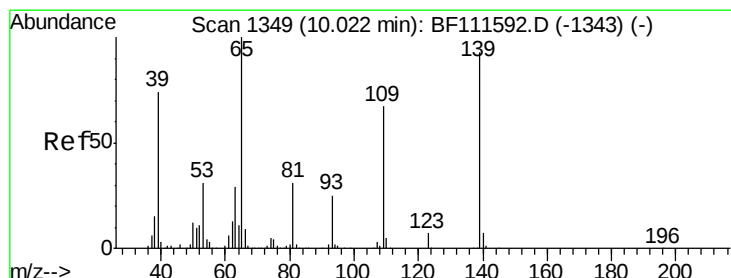
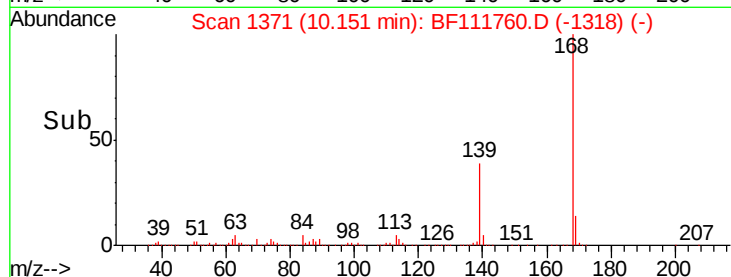
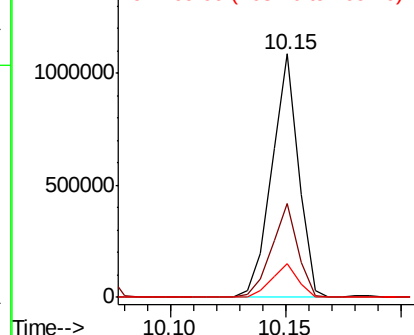
Tot Ion:	168	Resp:	872591
Ion Ratio	Lower	Upper	
168	100		
139	38.6	32.6	49.0
169	13.8	11.8	17.6

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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: 86.395 ng

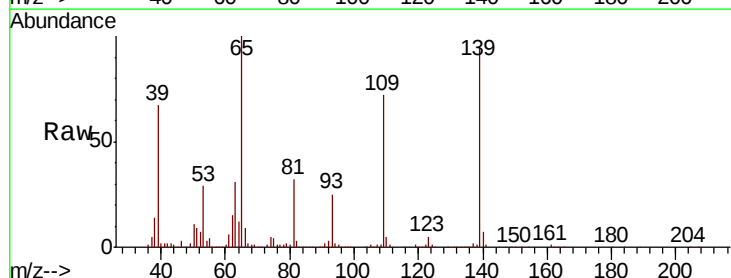
RT: 10.07 min Scan# 1357

Delta R.T. 0.05 min

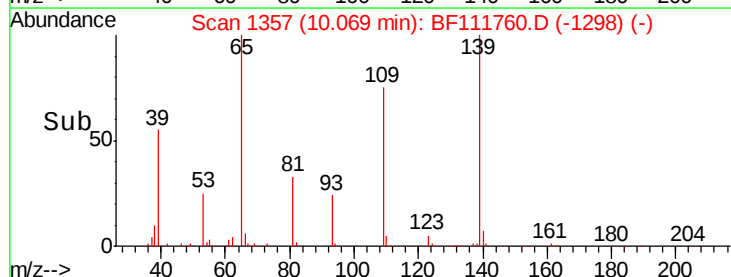
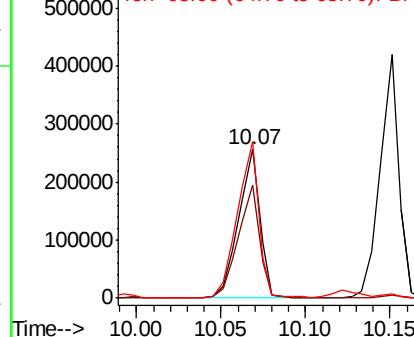
Lab File: BF111760.D

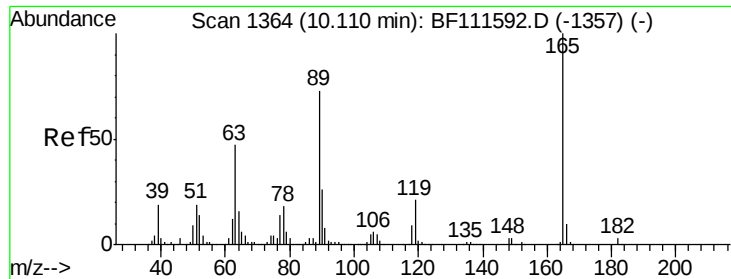
Acq: 27 Dec 2018 14:16

Tgt Ion:	139	Resp:	225614
Ion Ratio	Lower	Upper	
139	100		
109	76.0	41.8	81.8
65	105.0	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





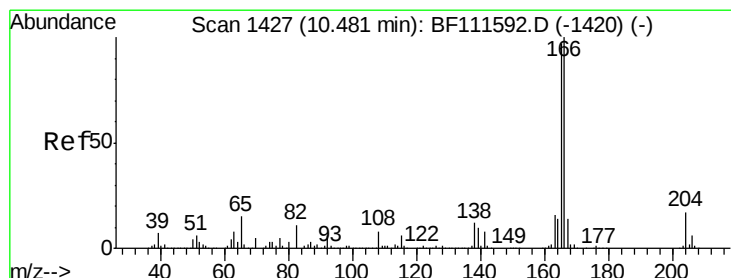
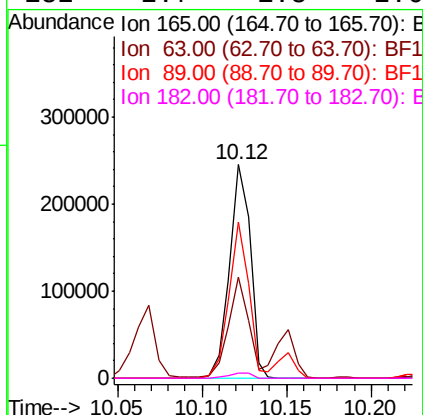
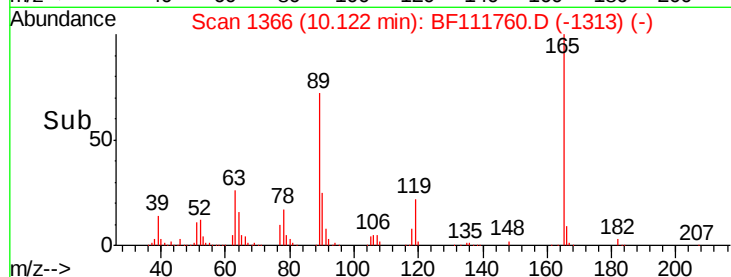
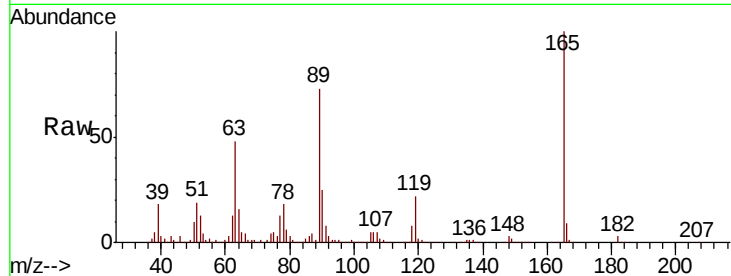
#57
2,4-Dinitrotoluene
Concen: 54.386 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	34.6	52.0
89	72.9	56.2	84.4
182	2.7	1.8	2.6#

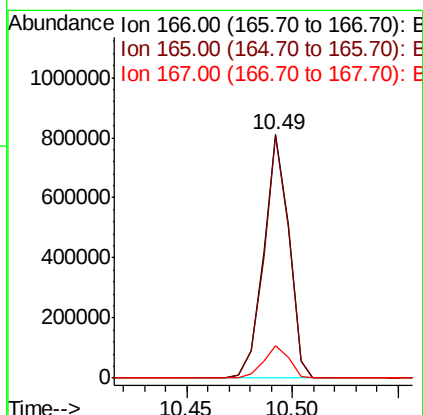
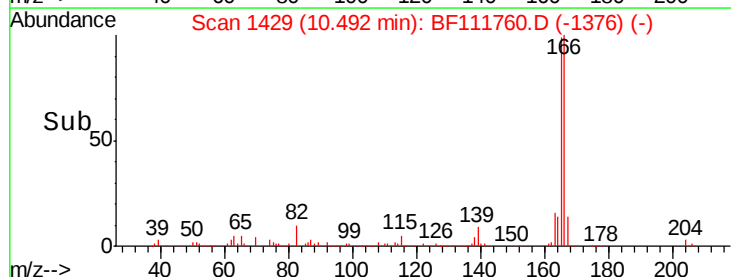
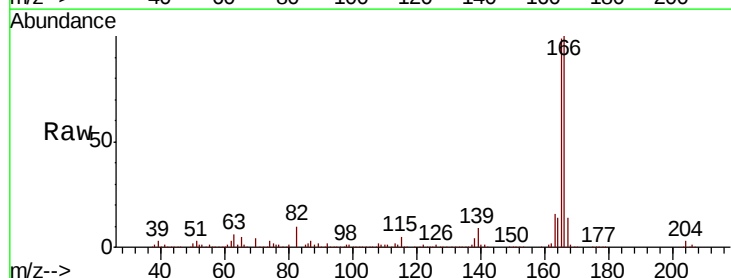
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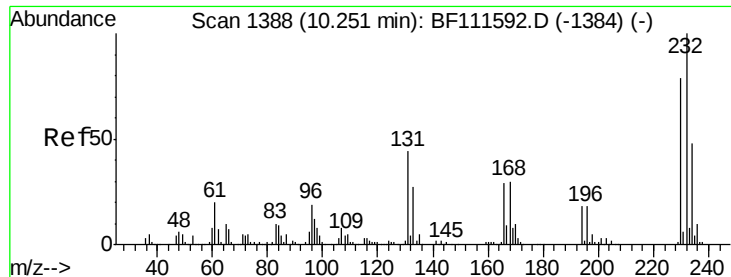
Sohil
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#58
Fluorene
Concen: 46.699 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.4	117.6
167	13.6	11.2	16.8





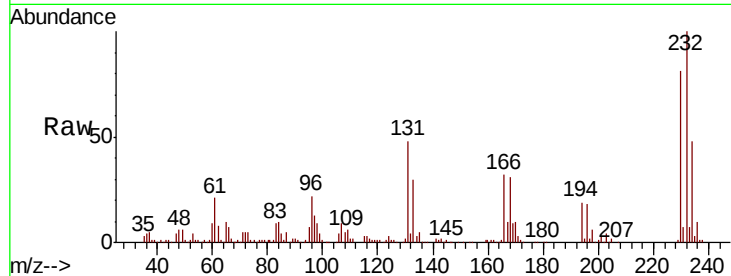
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.803 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	186733		
131	43.0	40.9	61.3	
130	2.4	2.0	3.0	
166	28.9	26.8	40.2	

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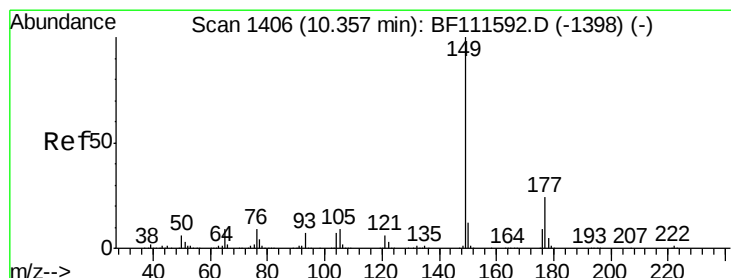
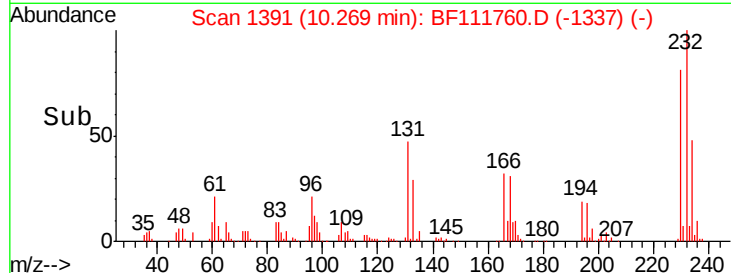
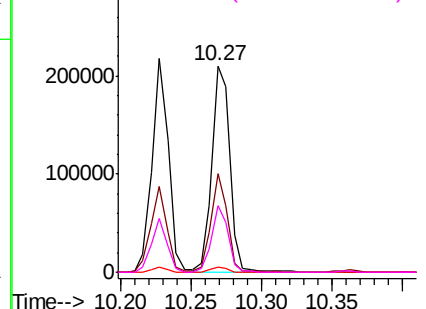
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

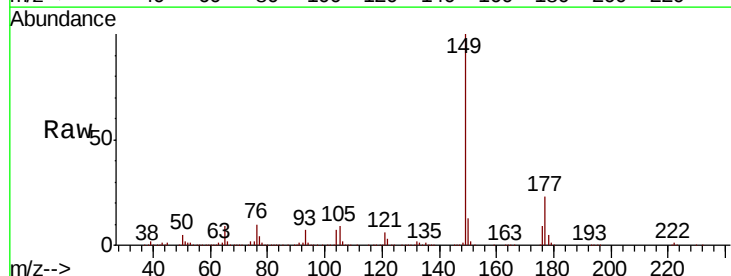
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.348 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	715787		
177	23.5	18.3	27.5	
150	12.5	10.6	15.8	

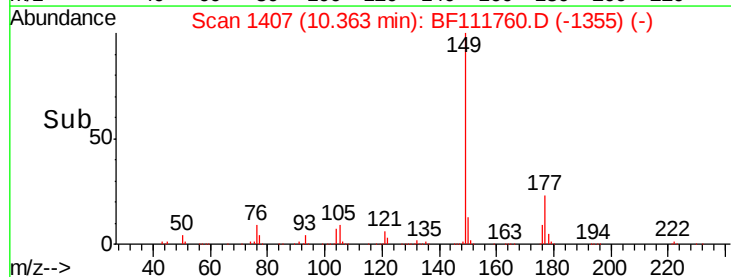
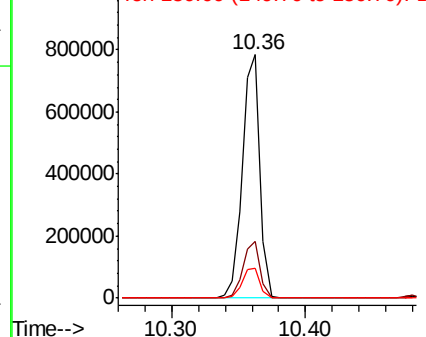


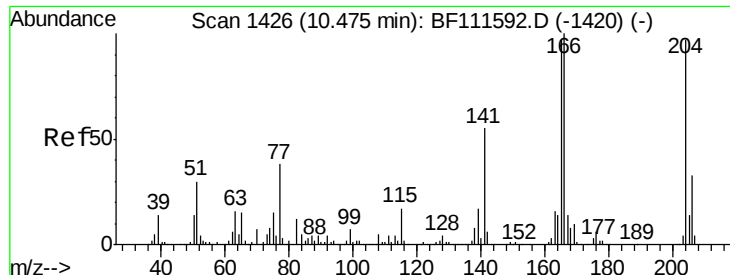
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





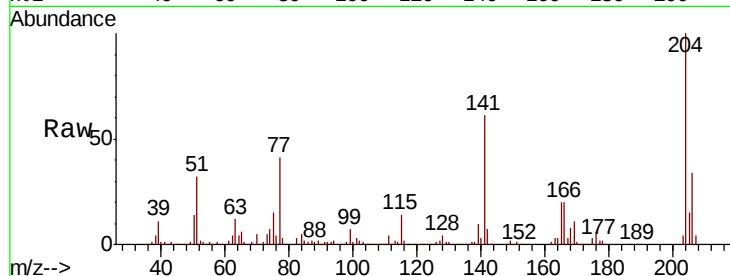
#61
4-Chlorophenyl-phenylether
Concen: 42.973 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	60.9	52.6	78.8

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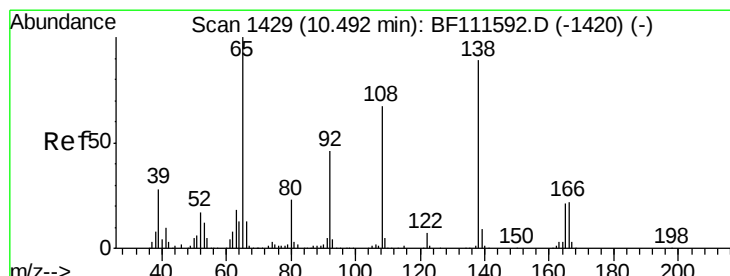
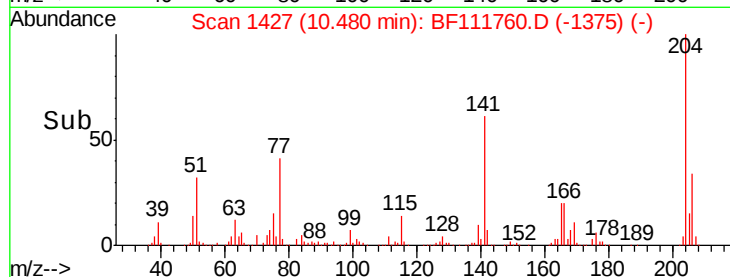
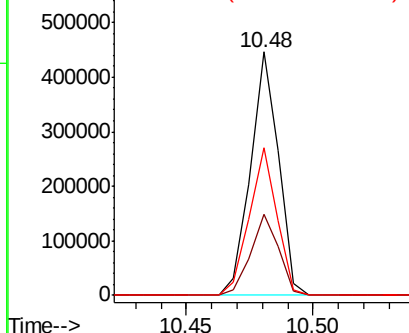


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 14.909 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

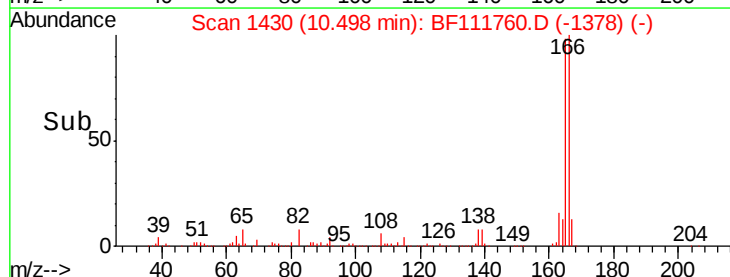
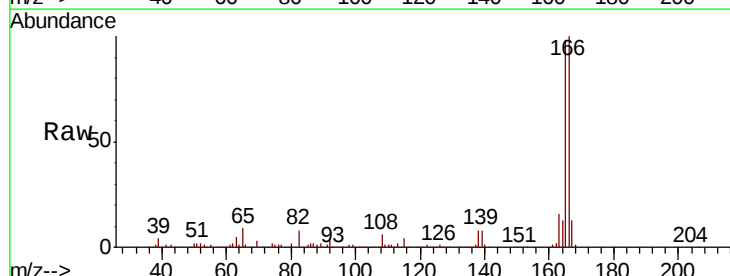
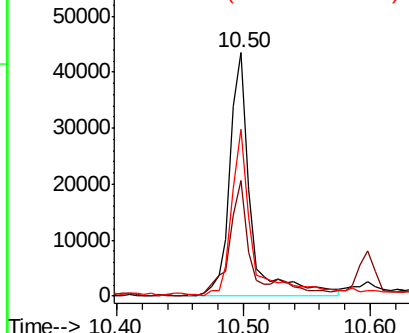
Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.9	69.9
108	68.5	43.2	83.2

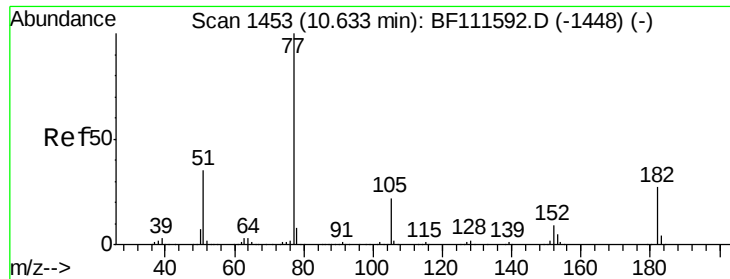
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





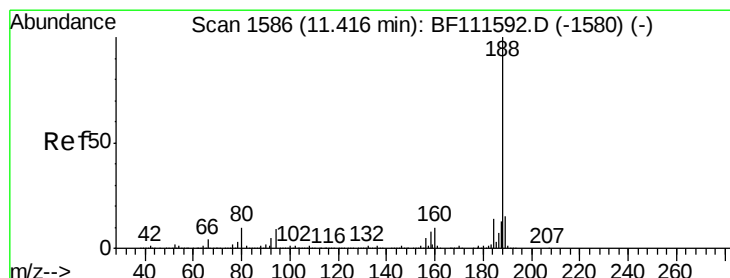
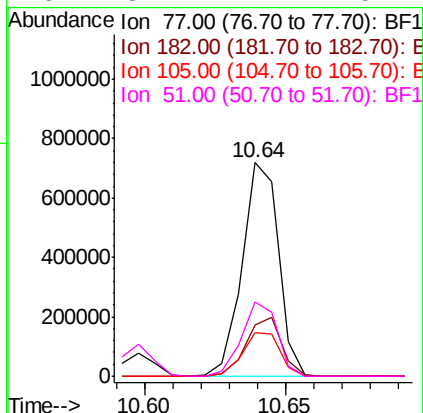
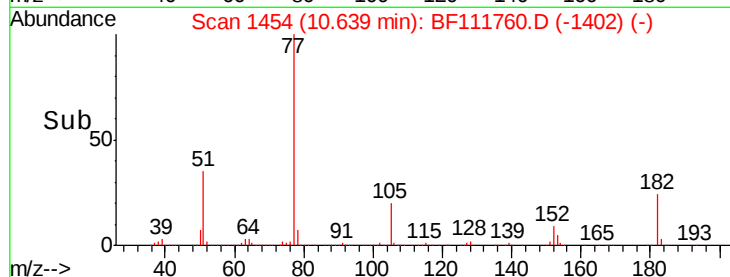
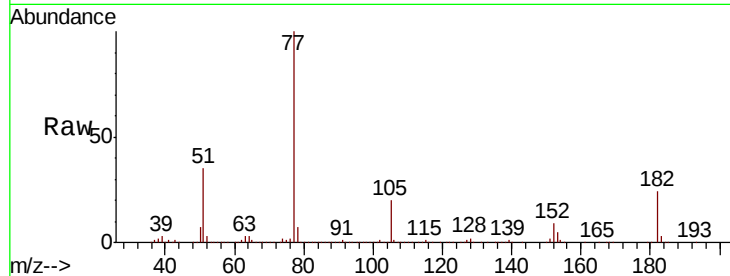
#63
Azobenzene
Concen: 40.340 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.2	4.9	44.9	
105	20.3	6.0	46.0	
51	34.7	14.7	54.7	

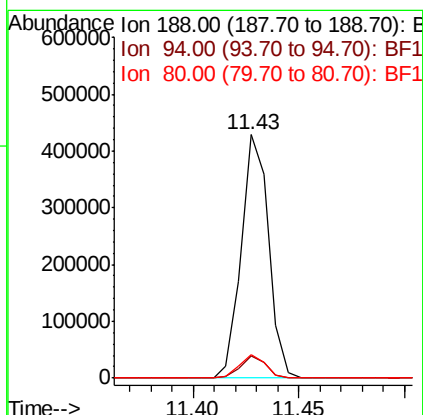
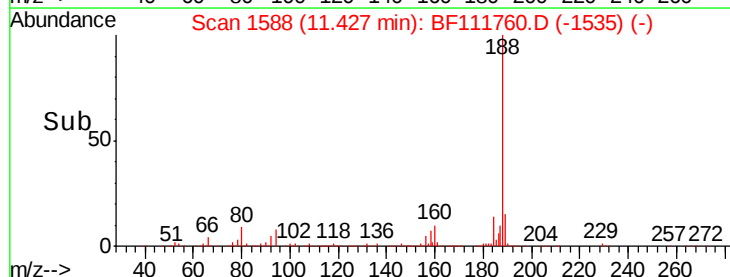
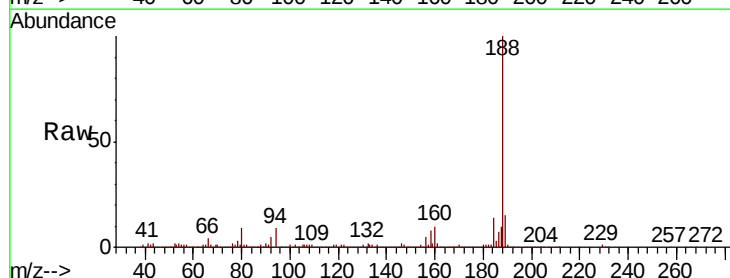
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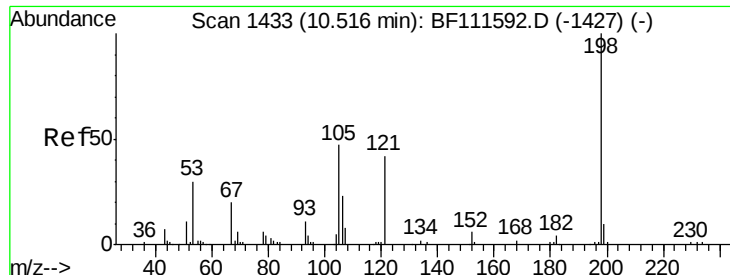
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	9.6	14.4#	
80	9.5	9.8	14.6#	





#65

4,6-Dinitro-2-methylphenol

Concen: 48.617 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

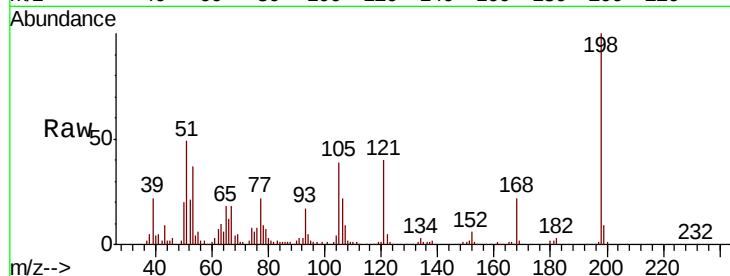
ClientSampleId :

P001-SS022-0612-01MSD

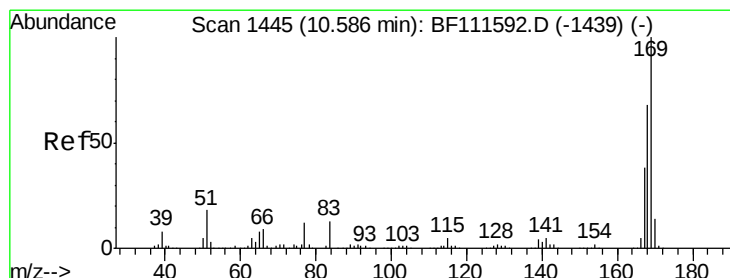
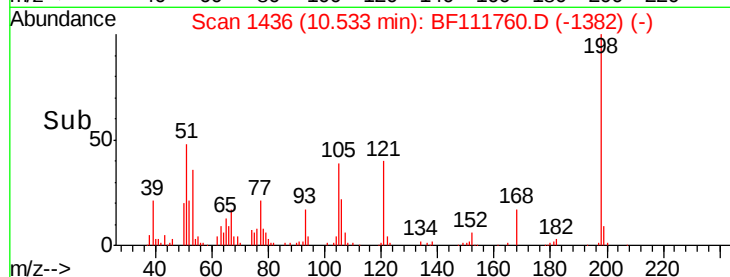
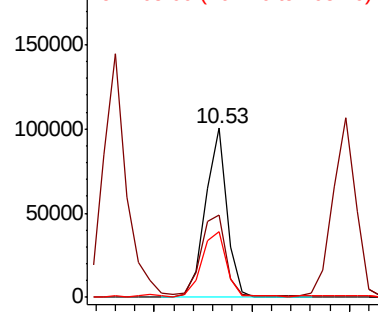
Tot Ion:	198	Resp:	76969
Ion Ratio	Lower	Upper	
198	100		
51	48.7	48.0	88.0
105	38.7	34.0	74.0

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.988 ng

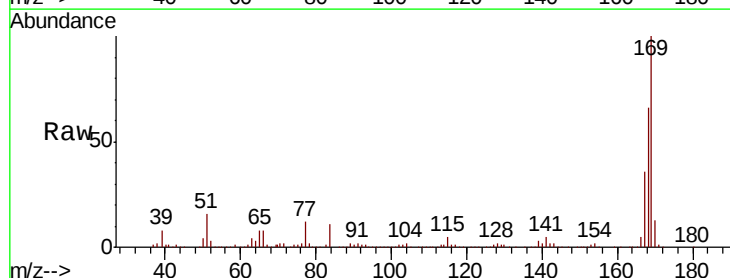
RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

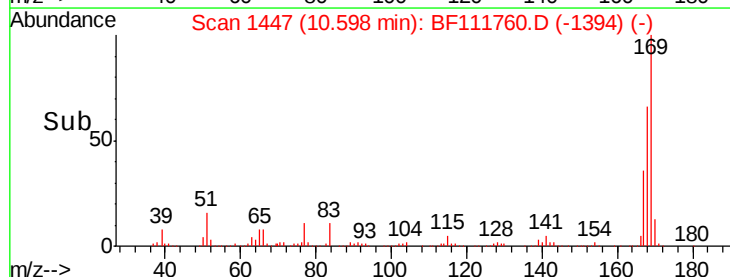
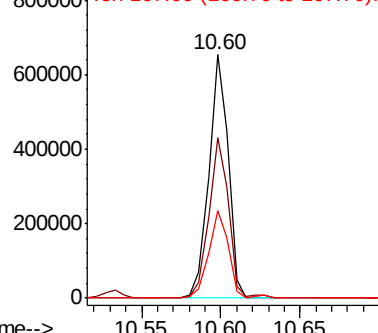
Lab File: BF111760.D

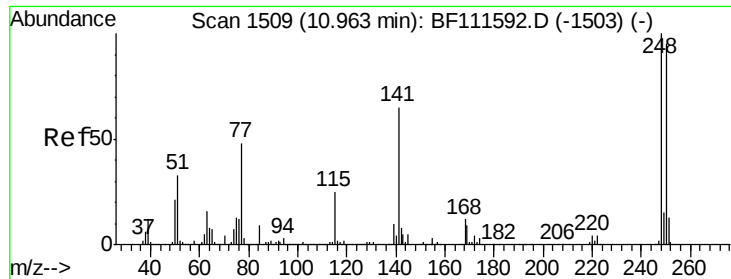
Acq: 27 Dec 2018 14:16

Tgt Ion:	169	Resp:	551638
Ion Ratio	Lower	Upper	
169	100		
168	65.9	54.4	81.6
167	35.8	30.5	45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





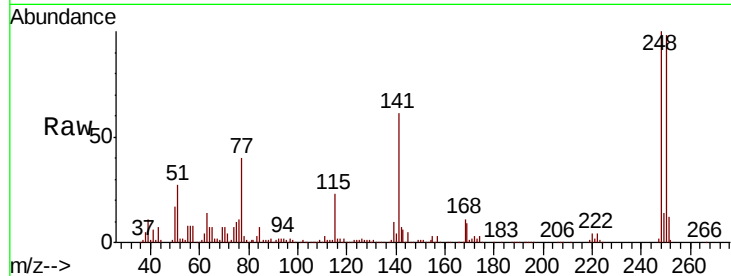
#67
 4-Bromophenyl-phenylether
 Concen: 43.924 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

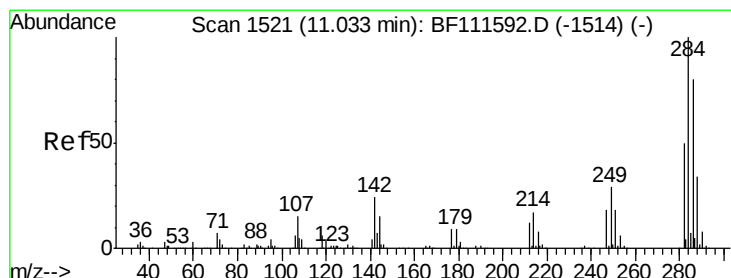
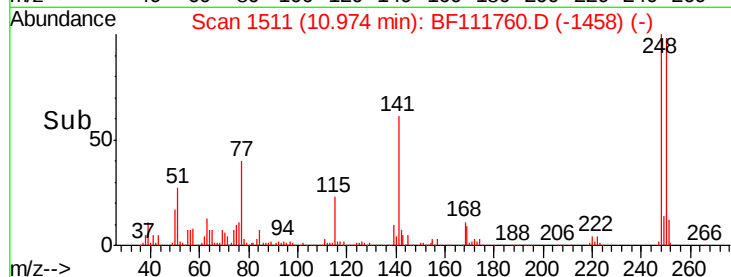
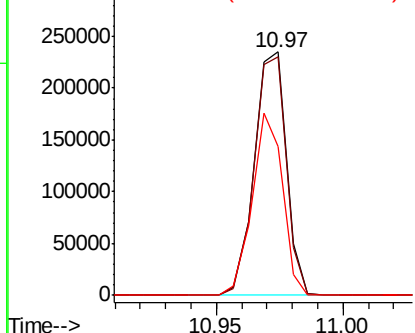
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.4
141	61.3	63.0	94.6

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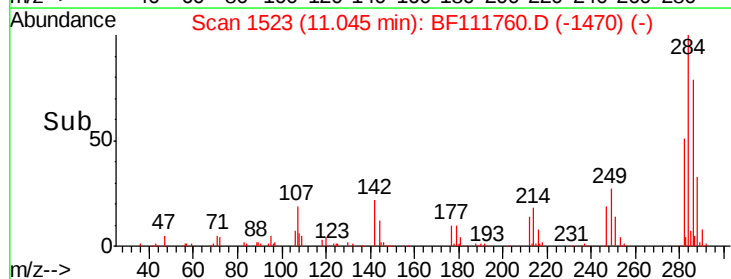
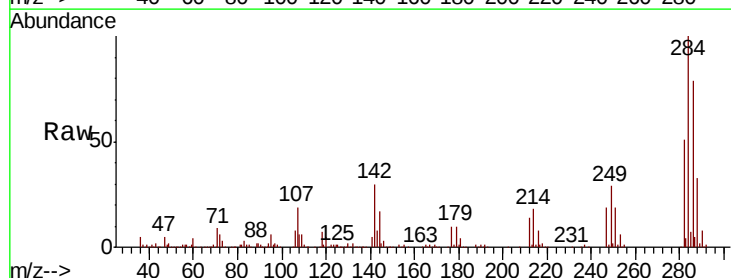
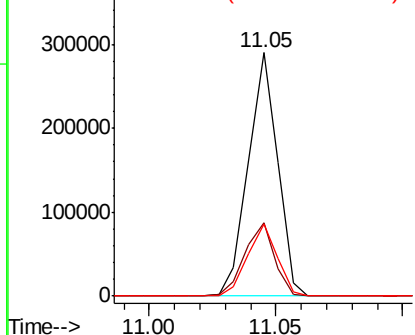
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

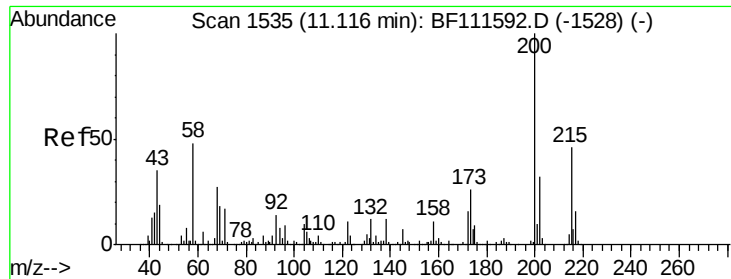


#68
 Hexachlorobenzene
 Concen: 44.372 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	27.4	41.2
249	29.4	24.4	36.6

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





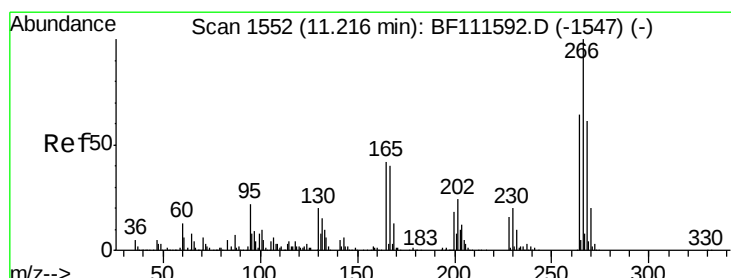
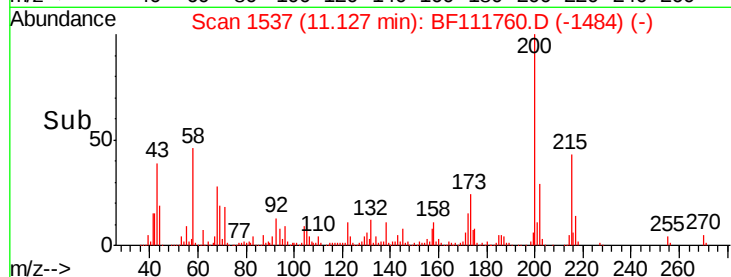
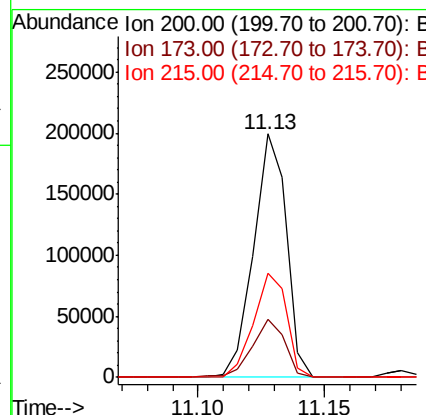
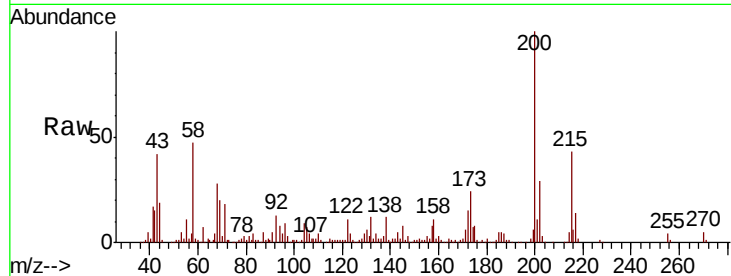
#69
Atrazine
Concen: 40.154 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	10.1	50.1
215	42.5	26.9	66.9

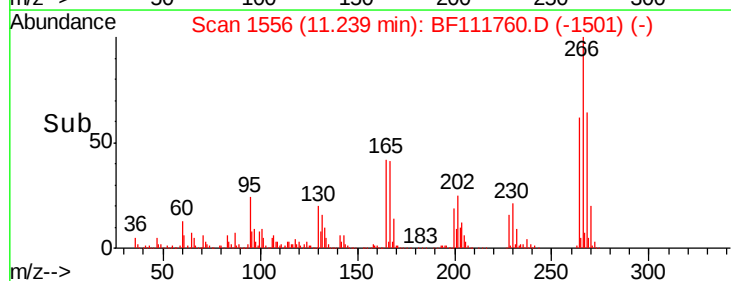
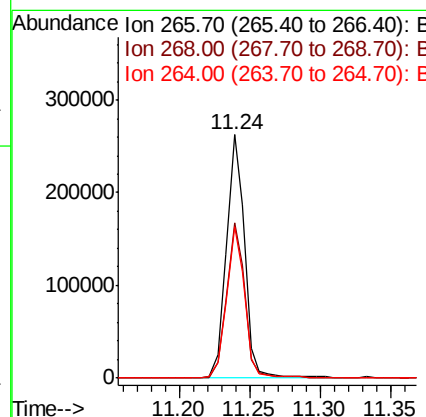
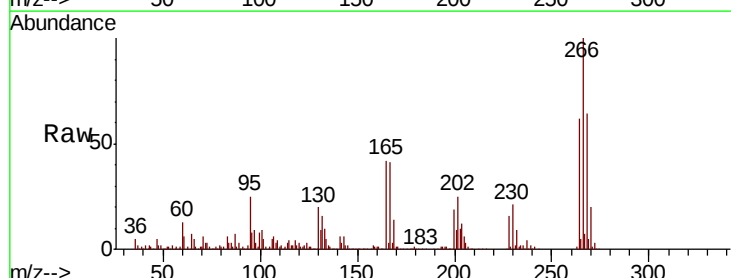
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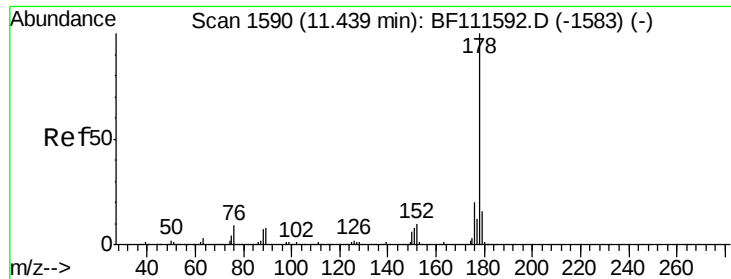
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#70
Pentachlorophenol
Concen: 72.405 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.9	71.9
264	62.3	49.1	73.7





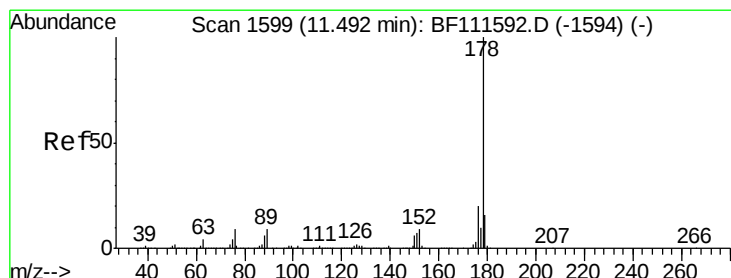
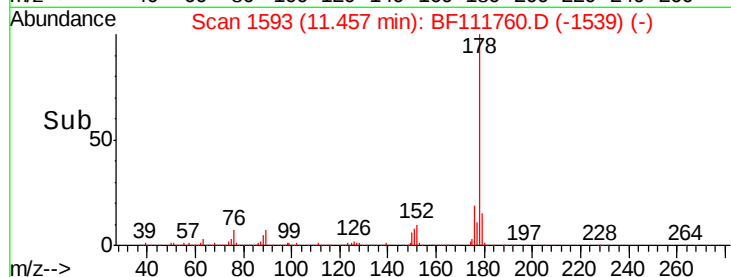
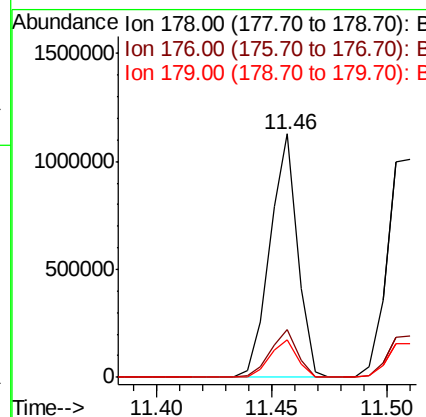
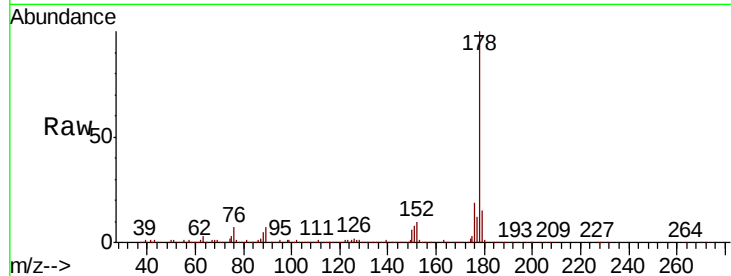
#71
Phenanthrene
Concen: 46.061 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.5	14.0	21.0

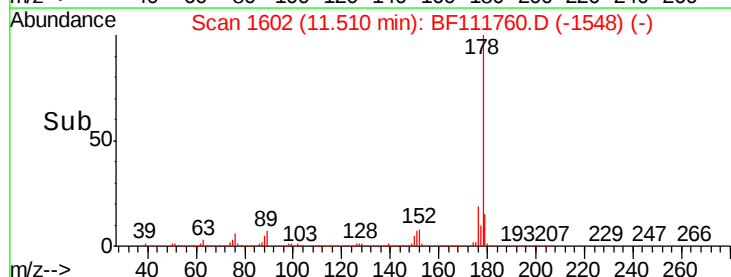
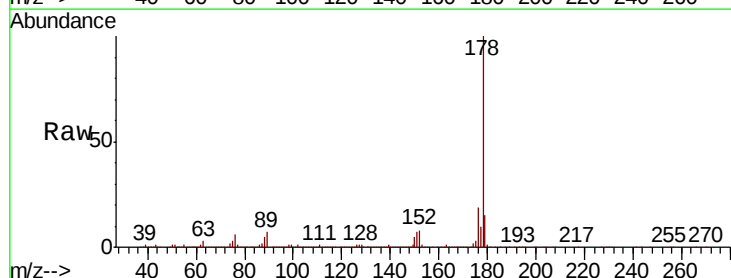
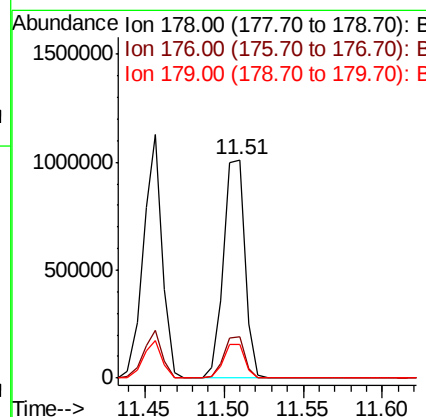
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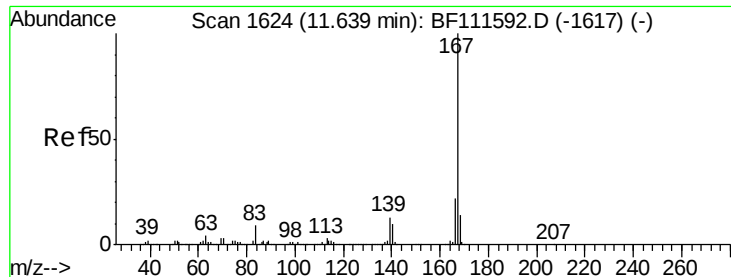
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#72
Anthracene
Concen: 46.658 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	15.4	13.8	20.8





#73

Carbazole

Concen: 40.689 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

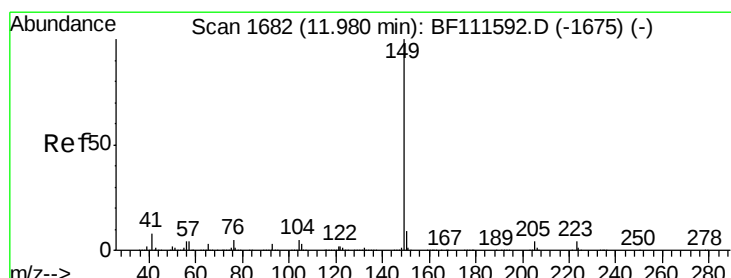
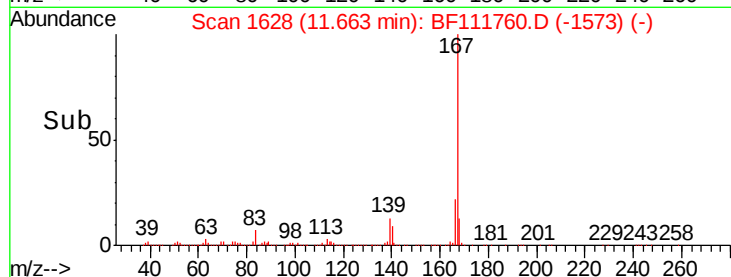
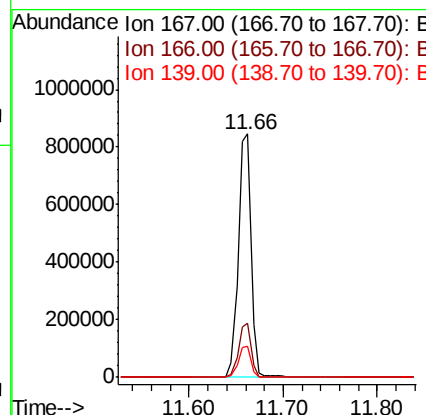
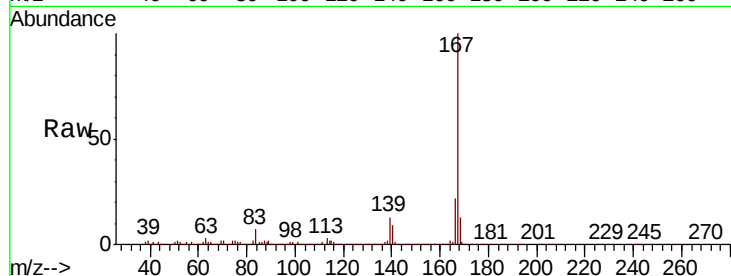
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	167	Resp:	803884
Ion Ratio	Lower	Upper	
167	100		
166	22.3	19.3	28.9
139	12.7	11.9	17.9

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 46.744 ng

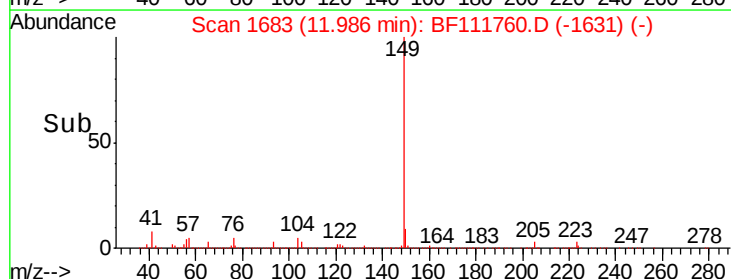
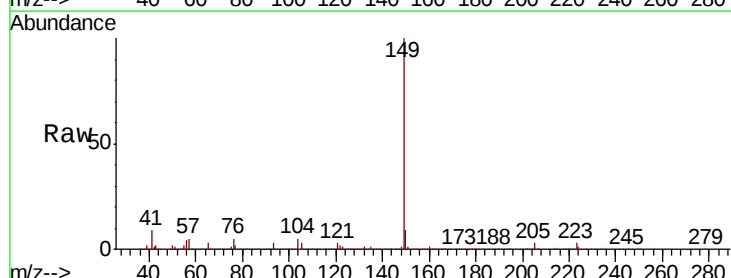
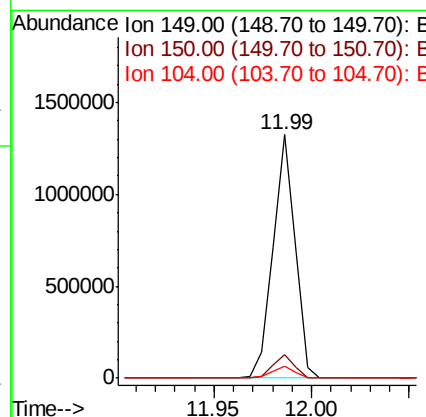
RT: 11.99 min Scan# 1683

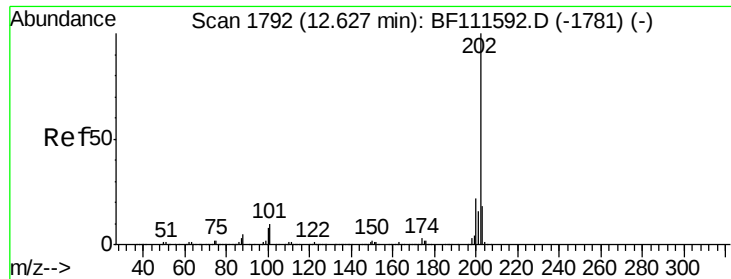
Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	149	Resp:	1035445
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.8	13.2
104	4.9	4.5	6.7





#75

Fluoranthene

Concen: 47.098 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

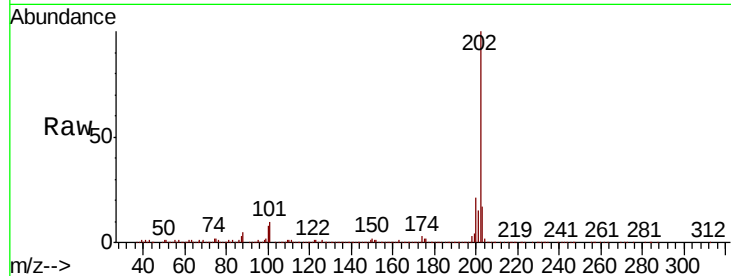
ClientSampleId :

P001-SS022-0612-01MSD

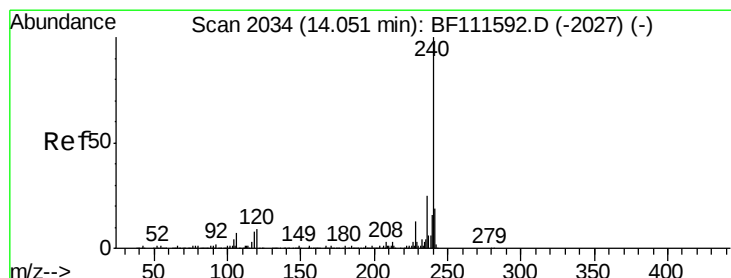
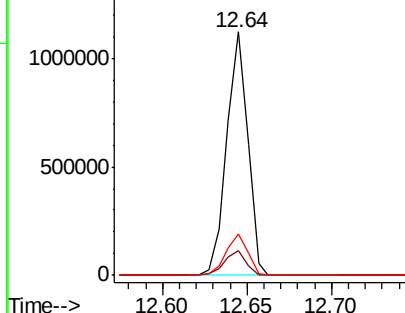
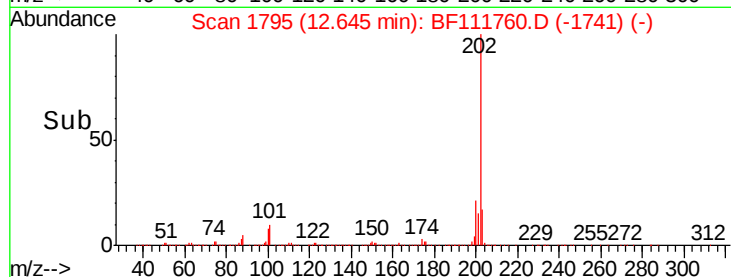
Tot Ion	Ratio	Resp	Lower	Upper
202	100	966919		
101	10.0	0.0	33.8	
203	17.2	0.0	38.6	

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



#76

Chrysene-d12

Concen: 20.000 ng

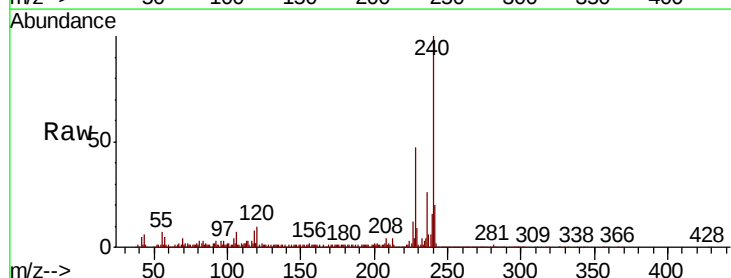
RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

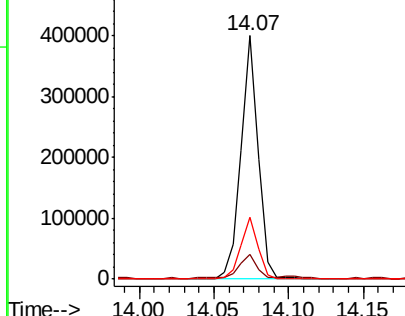
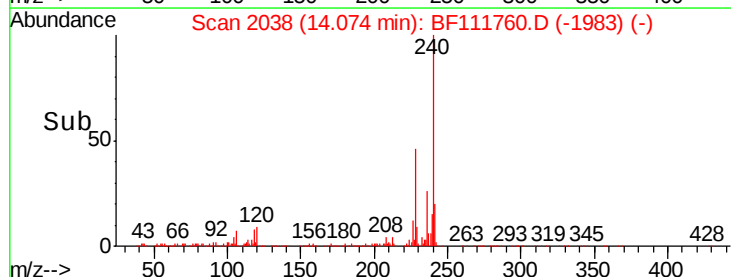
Lab File: BF111760.D

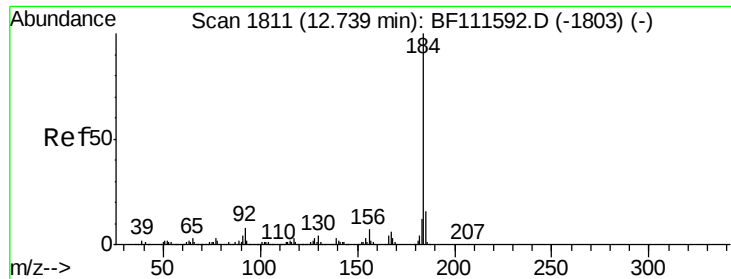
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	320419		
120	9.9	12.2	18.2#	
236	25.6	20.2	30.2	



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





#77

Benzidine

Concen: 0.686 ng/mL

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

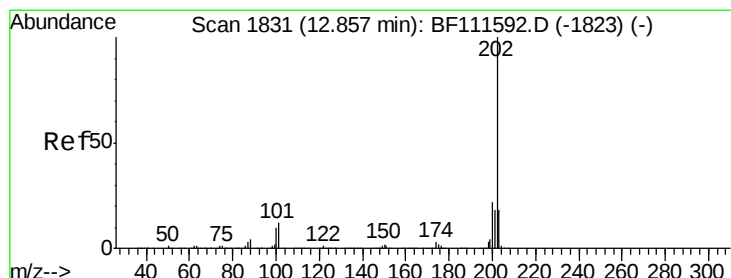
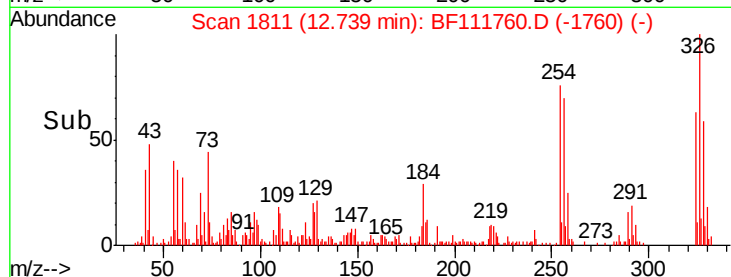
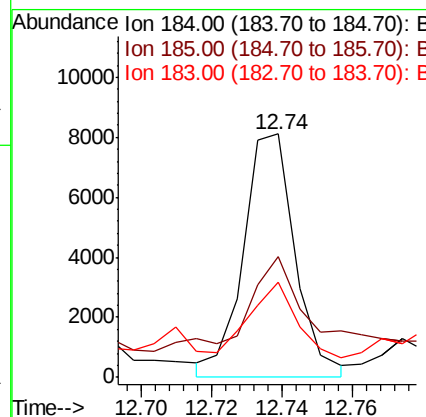
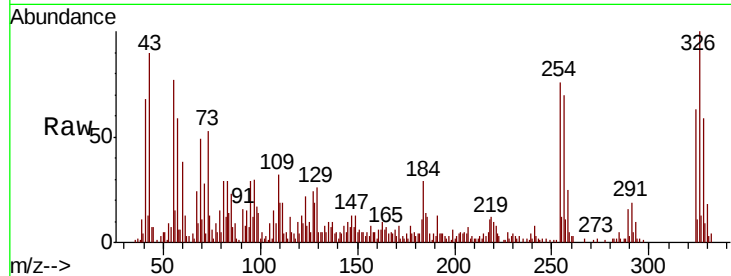
ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:	184	Resp:	8270
Ion Ratio	Lower	Upper	
184	100		
185	49.7	13.0	19.6#
183	39.0	9.3	13.9#

Manual Integrations
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#78

Pyrene

Concen: 43.064 ng/mL

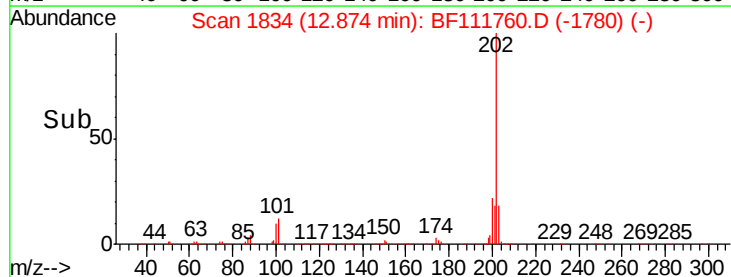
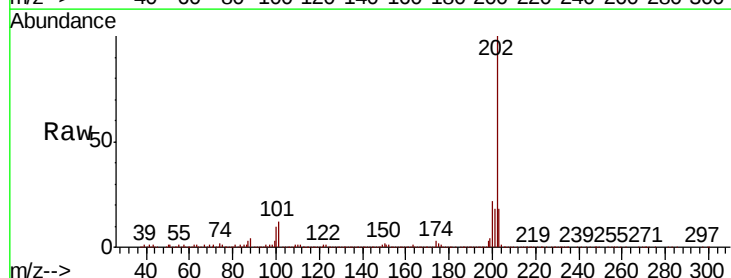
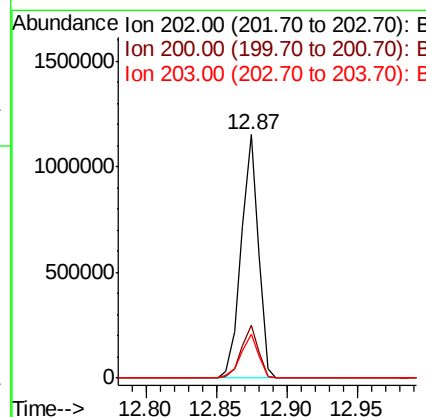
RT: 12.87 min Scan# 1834

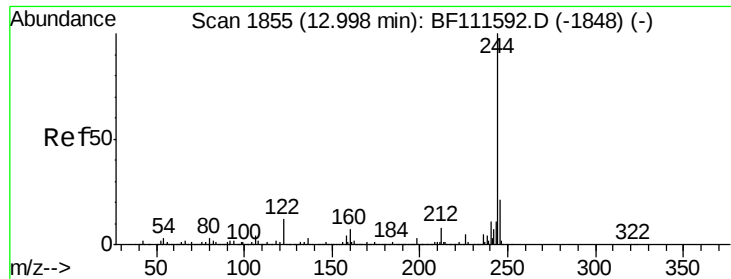
Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	202	Resp:	974411
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.4
203	17.8	15.2	22.8





#79

Terphenyl-d14

Concen: 77.406 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

Tot Ion:244 Resp: 1307857

Ion Ratio Lower Upper

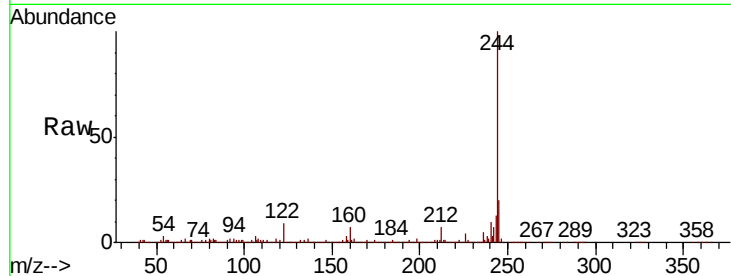
244 100

212 6.9 5.7 8.5

122 9.3 13.1 19.7#

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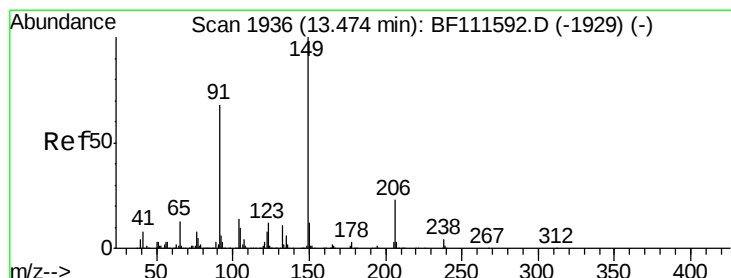
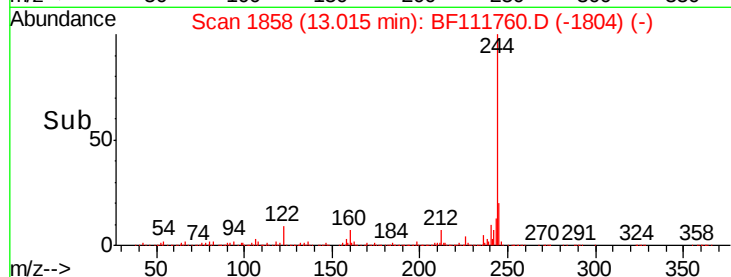
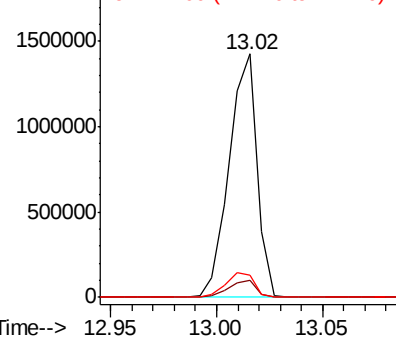
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.951 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

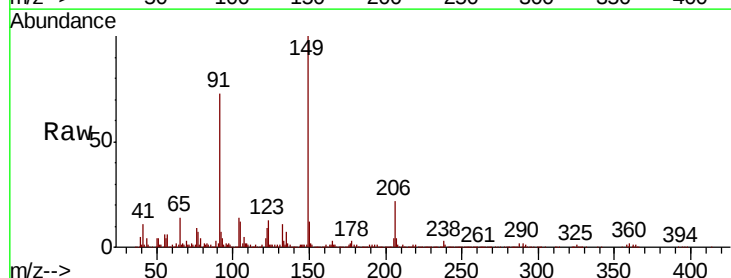
Tgt Ion:149 Resp: 433045

Ion Ratio Lower Upper

149 100

91 72.9 63.8 95.6

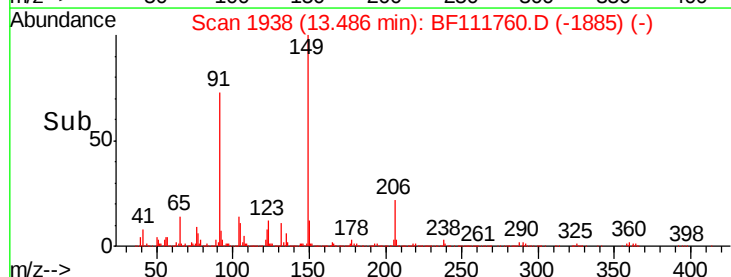
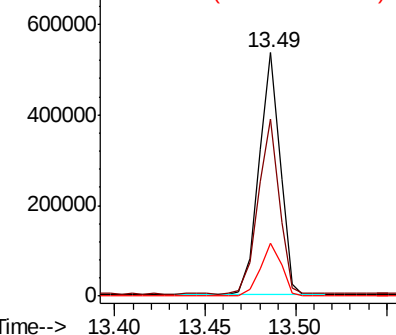
206 21.7 15.1 22.7

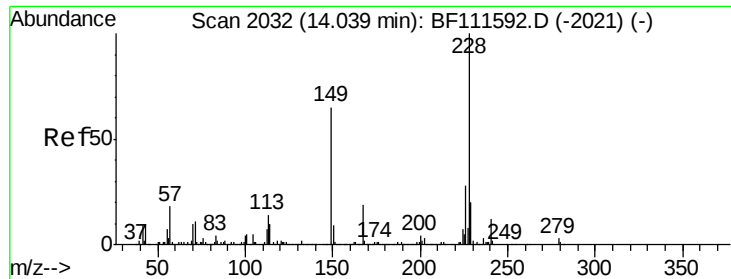


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





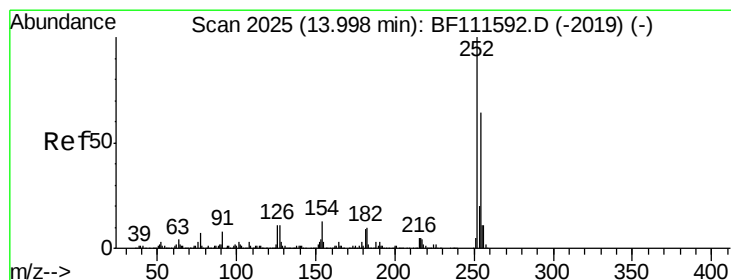
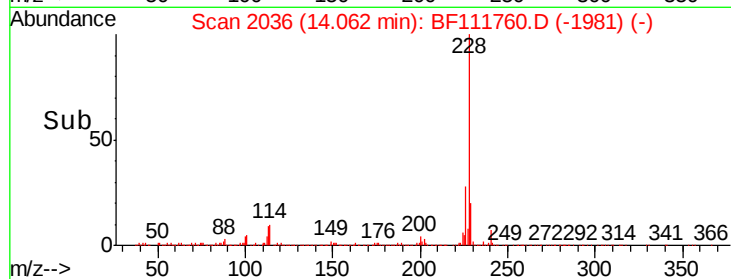
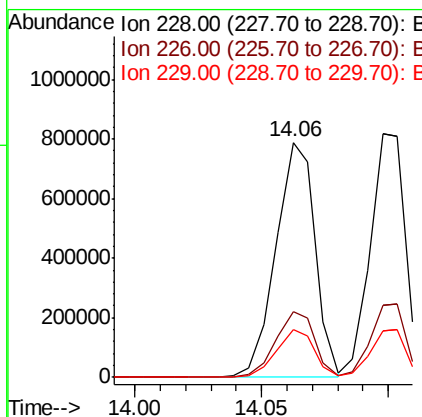
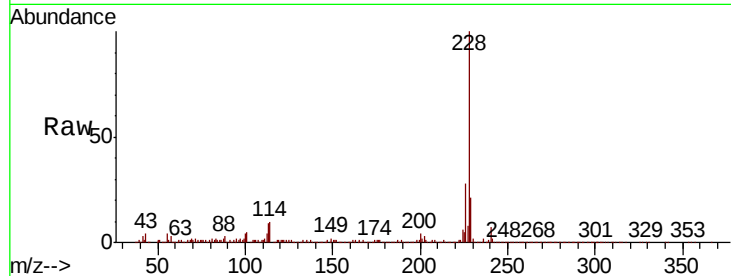
#81
Benzo(a)anthracene
Concen: 46.419 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.6	16.3	24.5

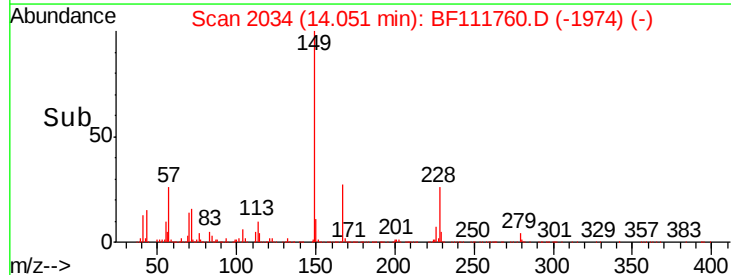
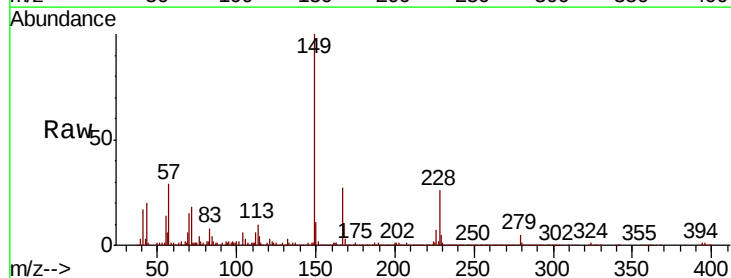
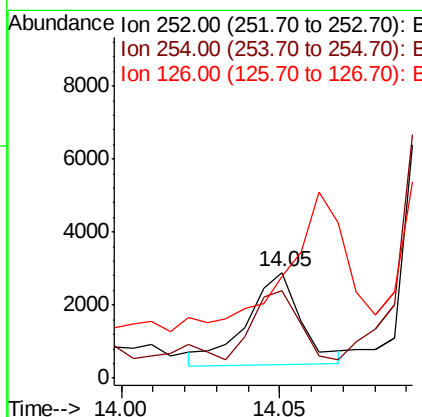
Manual Integrations
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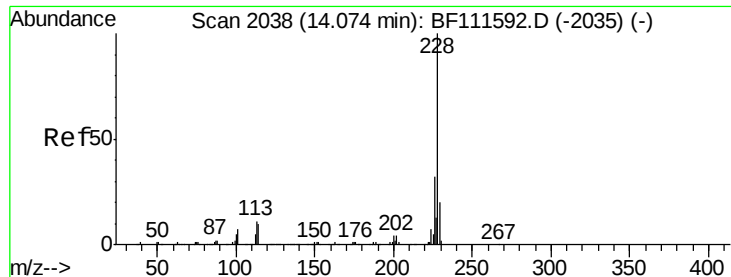
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#82
3,3'-Dichlorobenzidine
Concen: 0.417 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.05 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	83.0	52.7	79.1#
126	96.0	11.1	16.7#





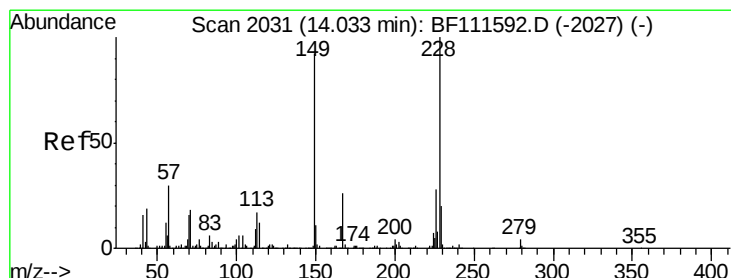
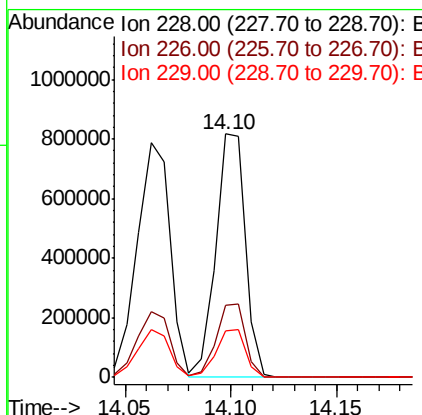
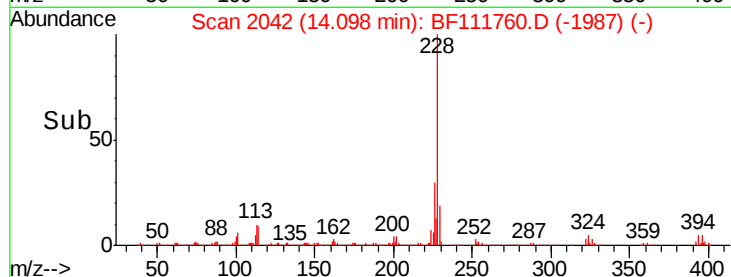
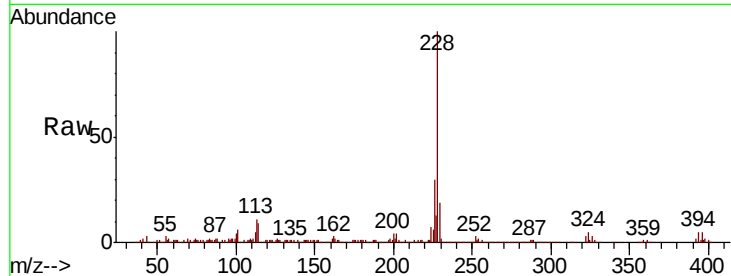
#83
 Chrysene
 Concen: 44.021 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	19.3	17.2	25.8

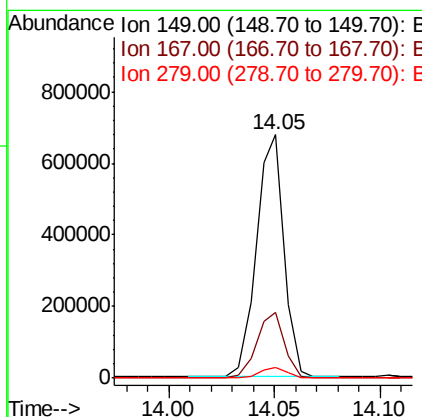
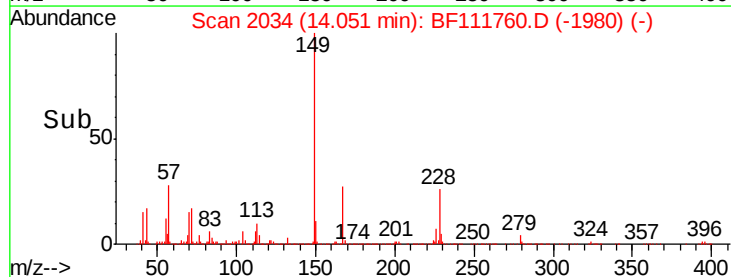
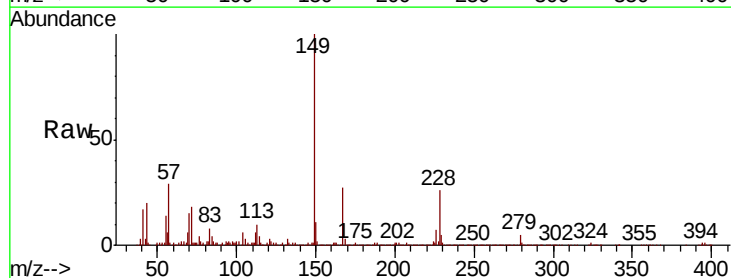
Manual Integrations
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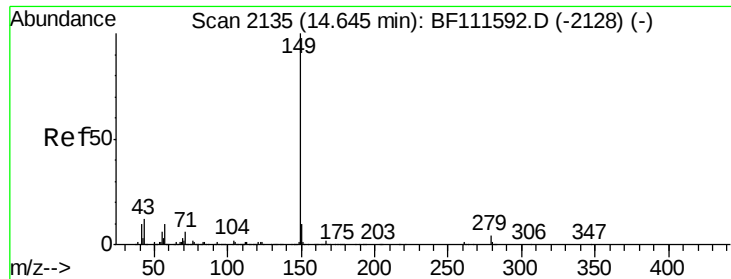
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.505 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.5	33.7
279	4.5	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 51.190 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

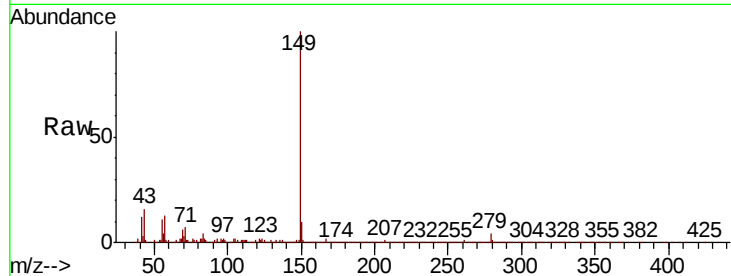
ClientSampleId :

P001-SS022-0612-01MSD

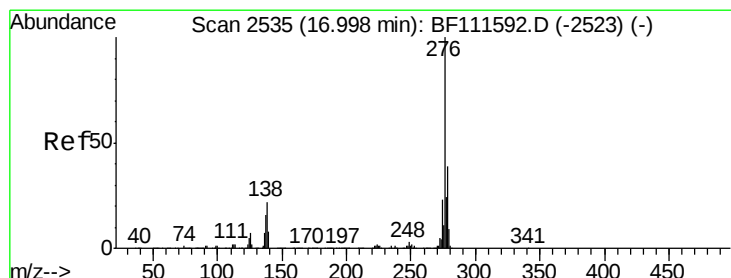
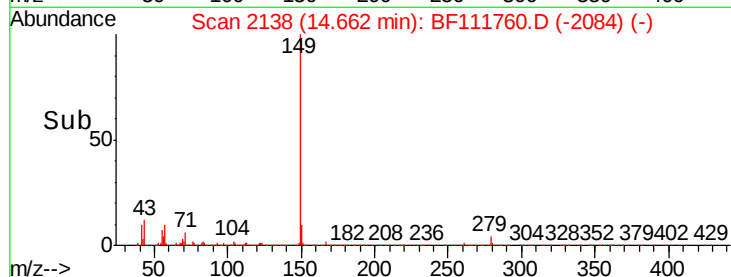
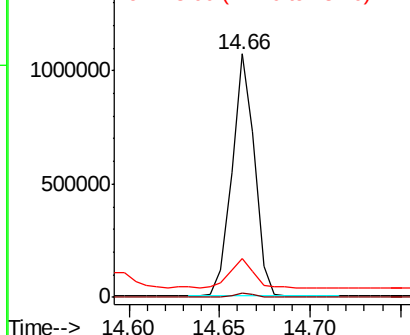
Tot Ion:	149	Resp:	921427
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.1	10.9	16.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.053 ng

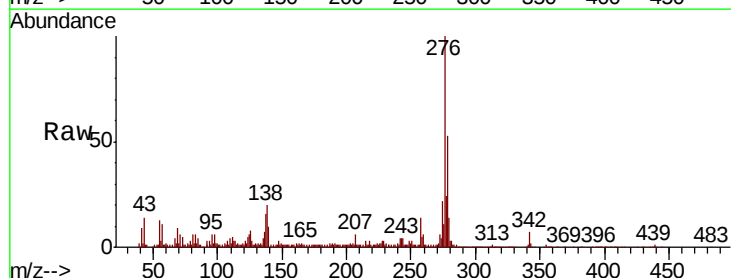
RT: 17.08 min Scan# 2549

Delta R.T. 0.08 min

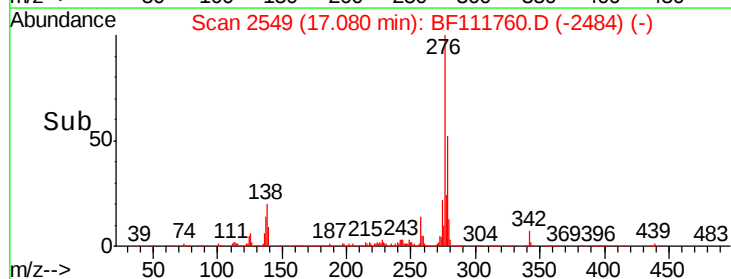
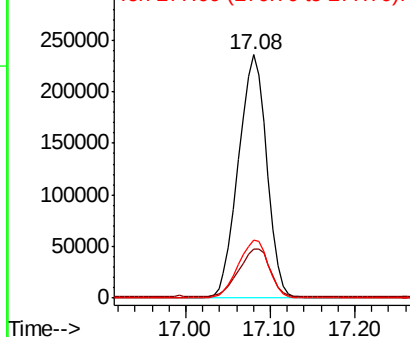
Lab File: BF111760.D

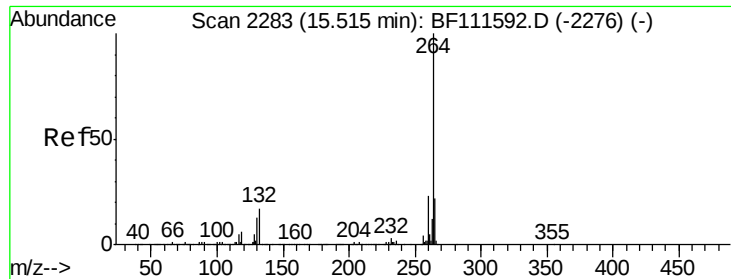
Acq: 27 Dec 2018 14:16

Tgt Ion:	276	Resp:	550842
Ion Ratio		Lower	Upper
276	100		
138	21.5	27.8	41.6#
277	25.0	20.1	30.1



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





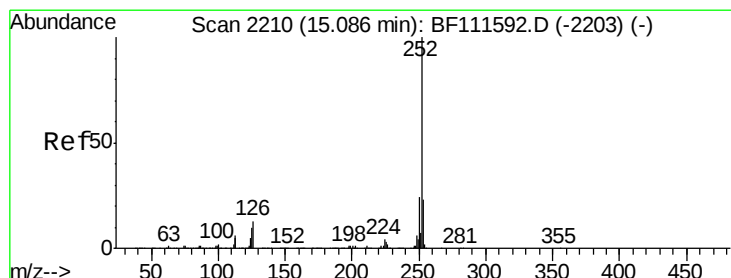
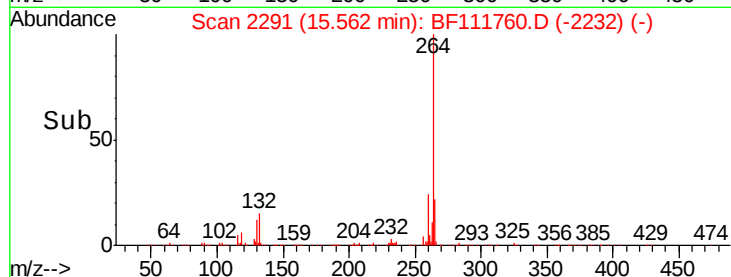
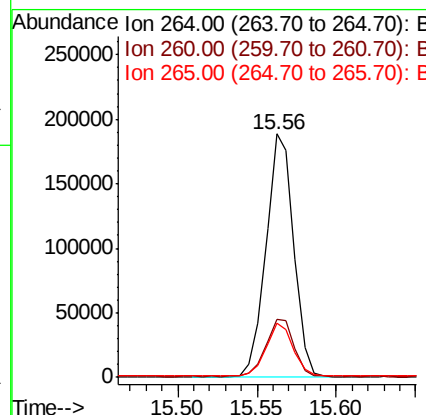
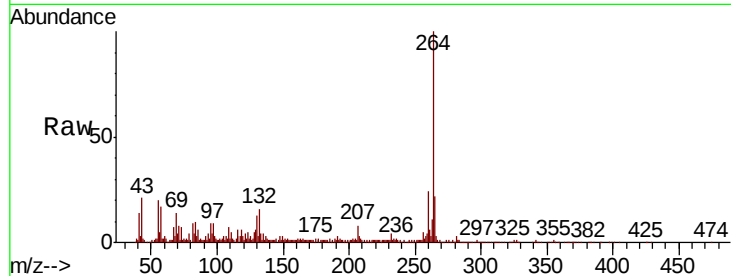
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.05 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	22.2	17.7	26.5

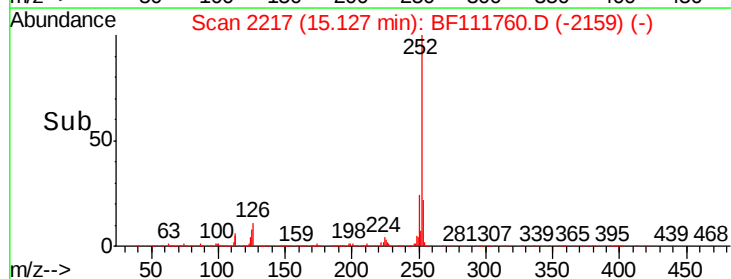
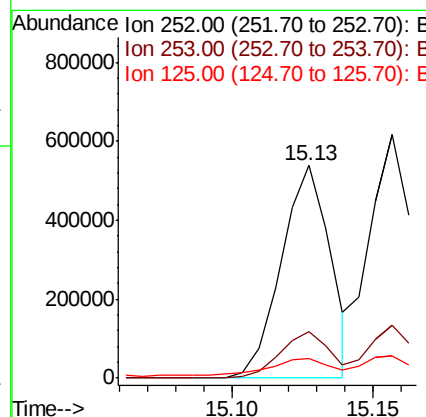
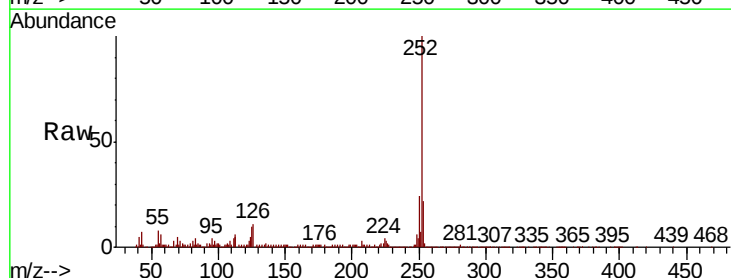
Manual Integrations
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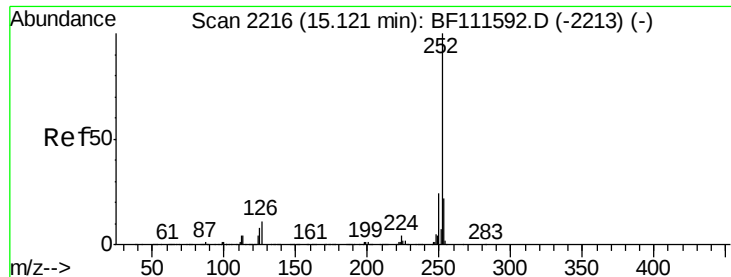
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#88
 Benzo(b)fluoranthene
 Concen: 48.220 ng
 RT: 15.13 min Scan# 2217
 Delta R.T. 0.04 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.5	10.4	15.6#





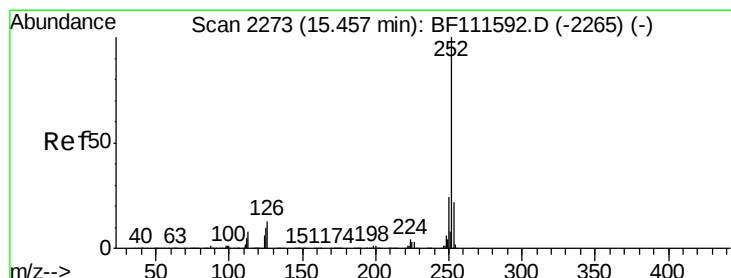
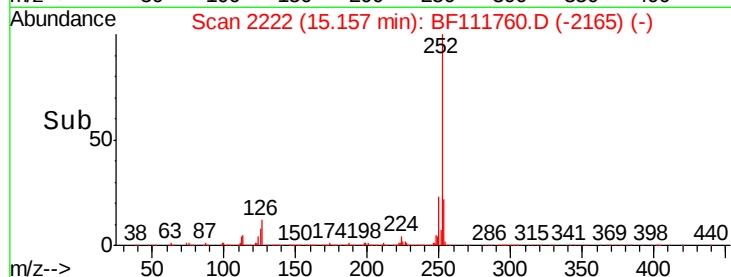
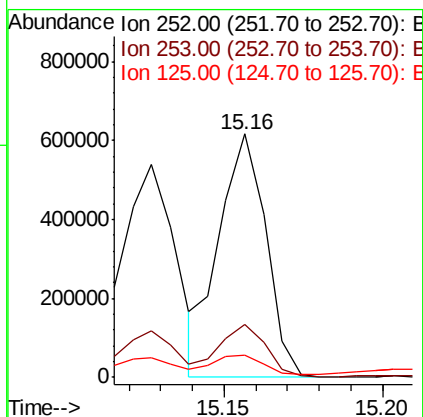
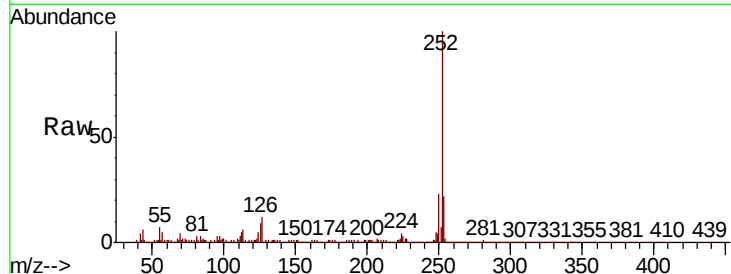
#89
Benzo(k)fluoranthene
Concen: 48.980 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.3	9.8	14.8

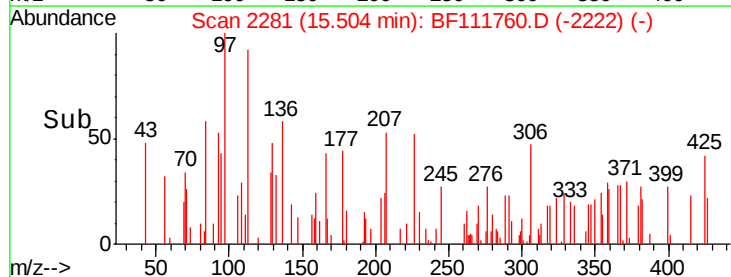
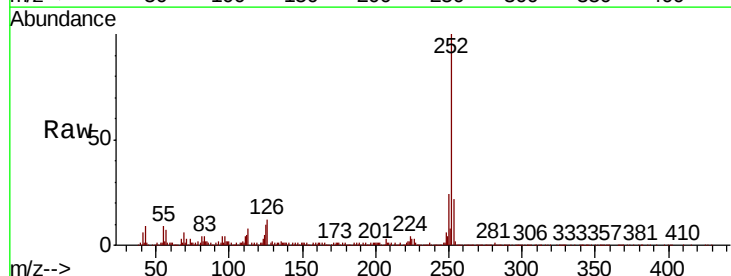
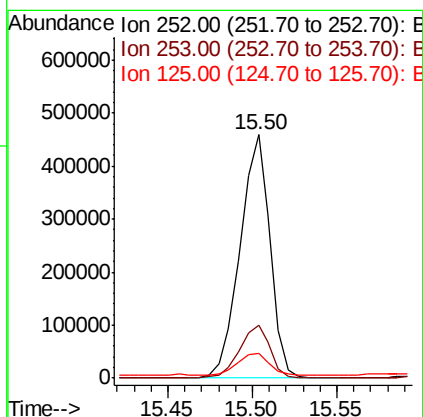
Manual Integrations
APPROVED

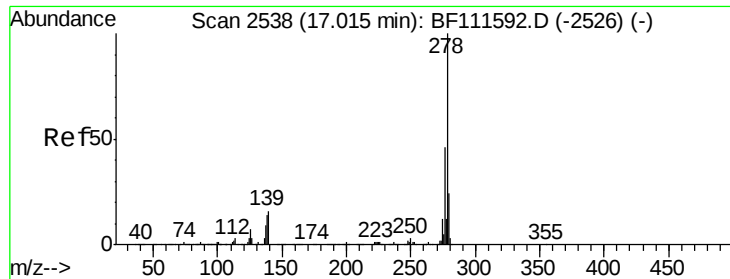
Sohil
12/28/2018 10:37:22 AM



#90
Benzo(a)pyrene
Concen: 46.539 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.05 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.3	12.3	18.5





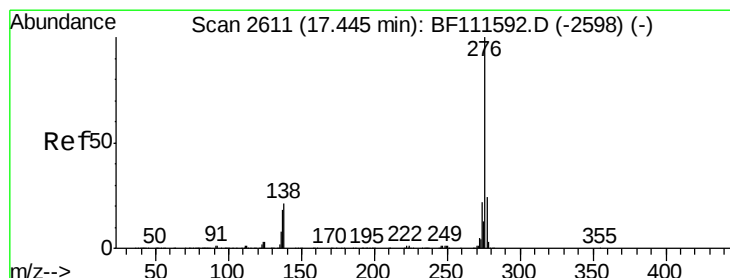
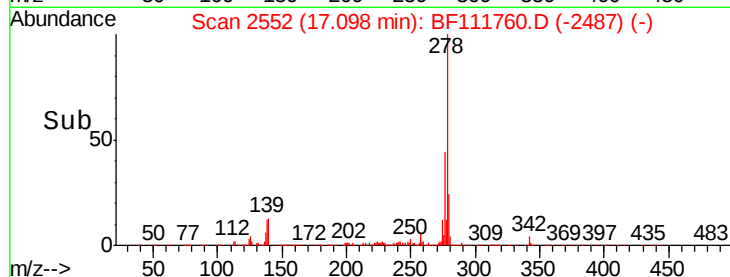
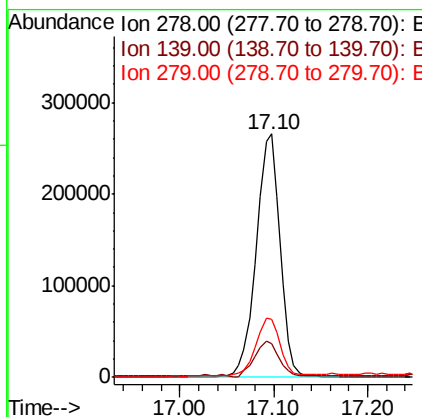
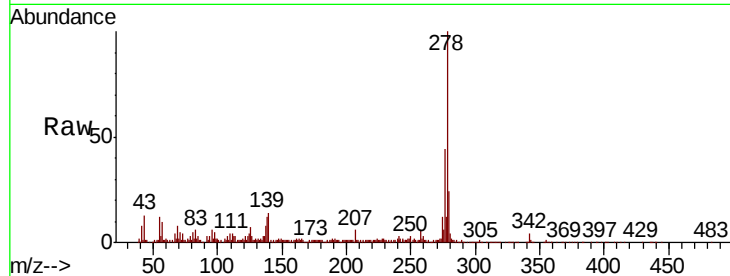
#91
Dibenzo(a,h)anthracene
Concen: 43.882 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.08 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	18.2	27.4#
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/28/2018 10:37:22 AM



#92
Benzo(g,h,i)perylene
Concen: 43.904 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.09 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	18.4	24.9	37.3#

