

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111776.D
 Acq On : 27 Dec 2018 21:28
 Operator : JU/SJ
 Sample : J6188-06MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Manual Integrations
 APPROVED

Sohil
 12/28/2018 10:37:29 AM

Quant Time: Dec 28 07:28:45 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	6.91	152	145026	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	493027	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	220027	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	389084	20.00	ng	0.02
76) Chrysene-d12	14.07	240	306732	20.00	ng	0.02
87) Perylene-d12	15.56	264	237442	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	884404	103.95	ng	0.05
7) Phenol-d6	6.56	99	1010801	93.35	ng	0.04
23) Nitrobenzene-d5	7.47	82	772486	91.20	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	303766	116.84	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1368356	90.65	ng	0.00
79) Terphenyl-d14	13.02	244	1372600	84.86	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	122106	30.503	ng	# 83
3) Pyridine	3.59	79	289221	27.732	ng	97
4) n-Nitrosodimethylamine	3.52	42	210360	41.215	ng	81
6) Aniline	6.57	93	63711	4.616	ng	# 1
8) 2-Chlorophenol	6.70	128	353939	37.553	ng	98
9) Benzaldehyde	6.46	77	199875	26.839	ng	96
10) Phenol	6.57	94	344719	28.215	ng	91
11) bis(2-Chloroethyl)ether	6.64	93	349932	38.223	ng	97
12) 1,3-Dichlorobenzene	6.85	146	407956	37.350	ng	98
13) 1,4-Dichlorobenzene	6.93	146	411888	37.183	ng	97
14) 1,2-Dichlorobenzene	7.08	146	385784	37.328	ng	97
15) Benzyl Alcohol	7.05	79	300315	34.922	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	568243	33.701	ng	72
17) 2-Methylphenol	7.17	107	262025	34.720	ng	# 83
18) Hexachloroethane	7.42	117	120000	32.147	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	264906	36.838	ng	96
20) 3+4-Methylphenols	7.33	107	340843	35.743	ng	# 64
22) Acetophenone	7.31	105	495698	39.687	ng	# 89
24) Nitrobenzene	7.49	77	382656	43.104	ng	99
25) Isophorone	7.73	82	676573	44.994	ng	99
26) 2-Nitrophenol	7.80	139	161549	44.870	ng	# 94
27) 2,4-Dimethylphenol	7.85	122	289678	40.815	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	418499	41.824	ng	99
29) 2,4-Dichlorophenol	8.05	162	291559	38.193	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	334315	39.299	ng	97
31) Naphthalene	8.22	128	1012567	42.744	ng	97
32) Benzoic acid	7.95	122	133400m	28.427	ng	
33) 4-Chloroaniline	8.26	127	45013	4.396	ng	97
34) Hexachlorobutadiene	8.33	225	210646	40.629	ng	97
35) Caprolactam	8.62	113	62175	24.036	ng	91
36) 4-Chloro-3-methylphenol	8.75	107	265907	35.435	ng	97
37) 2-Methylnaphthalene	8.90	142	669110	43.414	ng	98
38) 1-Methylnaphthalene	9.00	142	619233	41.834	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	318701	44.080	ng	# 97

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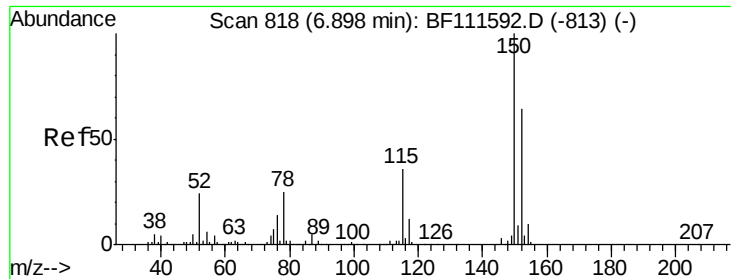
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	104394	29.755	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	195671	40.535	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	201020	40.592	ng	96
46) 1,1'-Biphenyl	9.36	154	796687	42.894	ng	95
47) 2-Chloronaphthalene	9.39	162	604634	41.088	ng	95
48) 2-Nitroaniline	9.48	65	191427	50.003	ng	98
49) Acenaphthylene	9.81	152	938840	43.696	ng	95
50) Dimethylphthalate	9.66	163	732268	45.511	ng	98
51) 2,6-Dinitrotoluene	9.72	165	142956	44.558	ng	95
52) Acenaphthene	9.98	154	549238	41.447	ng	98
53) 3-Nitroaniline	9.89	138	84506	24.697	ng	92
54) 2,4-Dinitrophenol	9.99	184	19247	24.293	ng	# 66
55) Dibenzofuran	10.15	168	831963	41.556	ng	95
56) 4-Nitrophenol	10.07	139	168445	64.507	ng	88
57) 2,4-Dinitrotoluene	10.12	165	182894	47.431	ng	# 94
58) Fluorene	10.49	166	635508	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	166956	40.061	ng	91
60) Diethylphthalate	10.36	149	694415	43.997	ng	100
61) 4-Chlorophenyl-phenylether	10.48	204	325834	40.880	ng	96
62) 4-Nitroaniline	10.50	138	144186	43.356	ng	87
63) Azobenzene	10.65	77	611737	38.607	ng	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	17227	15.912	ng	86
66) n-Nitrosodiphenylamine	10.60	169	550283	42.132	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	201179	41.687	ng	# 91
68) Hexachlorobenzene	11.05	284	222009	41.260	ng	99
69) Atrazine	11.13	200	172091	37.927	ng	96
70) Pentachlorophenol	11.24	266	171164	51.455	ng	98
71) Phenanthrene	11.46	178	913769	44.283	ng	95
72) Anthracene	11.51	178	936823	45.232	ng	95
73) Carbazole	11.66	167	801607	39.864	ng	95
74) Di-n-butylphthalate	11.99	149	1027595	45.579	ng	96
75) Fluoranthene	12.65	202	955278	45.717	ng	96
77) Benzidine	12.76	184	149956	12.992	ng	97
78) Pyrene	12.87	202	958844	44.267	ng	96
80) Butylbenzylphthalate	13.49	149	424186	48.042	ng	89
81) Benzo(a)anthracene	14.06	228	791032	45.189	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	95714	13.839	ng	# 96
83) Chrysene	14.10	228	743656	43.224	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	581259	52.264	ng	# 97
85) Di-n-octyl phthalate	14.66	149	907466	52.664	ng	96
86) Indeno(1,2,3-cd)pyrene	17.07	276	575143	39.324	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	645409	46.509	ng	# 96
89) Benzo(k)fluoranthene	15.16	252	590200	44.674	ng	# 95
90) Benzo(a)pyrene	15.50	252	574767	45.590	ng	# 93
91) Dibenzo(a,h)anthracene	17.09	278	491929	44.559	ng	# 90
92) Benzo(g,h,i)perylene	17.52	276	473843	43.955	ng	# 87

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



#1

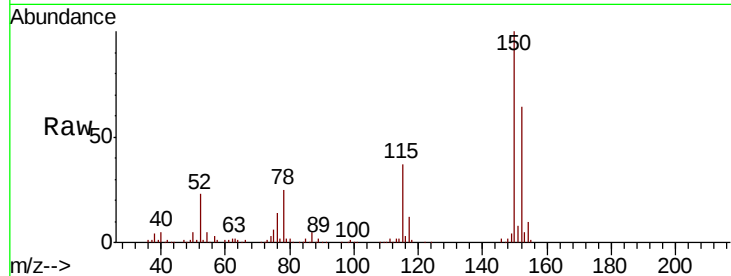
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	57.5	50.7	76.1

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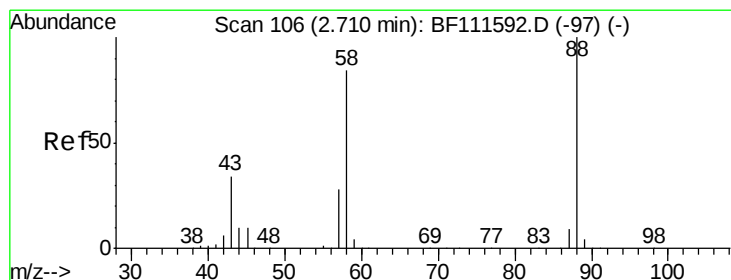
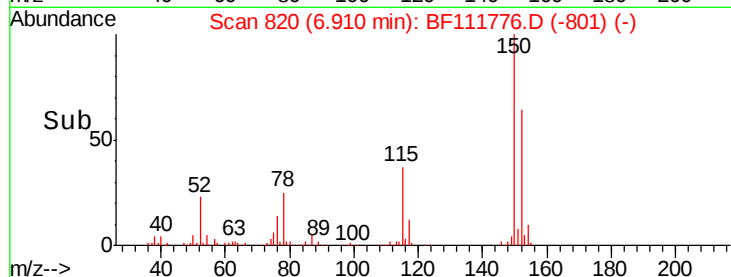
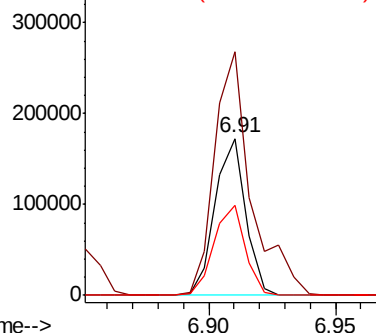


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

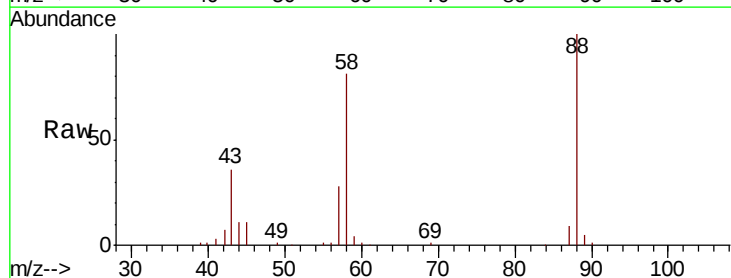
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.503 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.16 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	68.9	103.3
43	0.0	25.8	38.6#

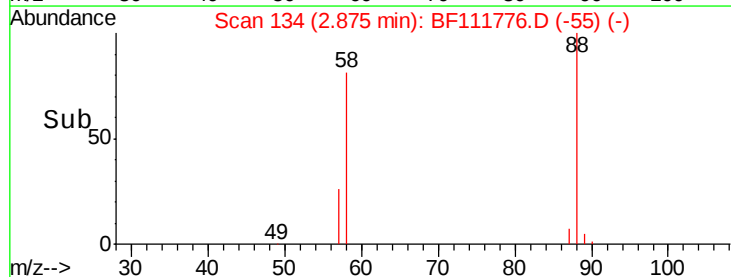
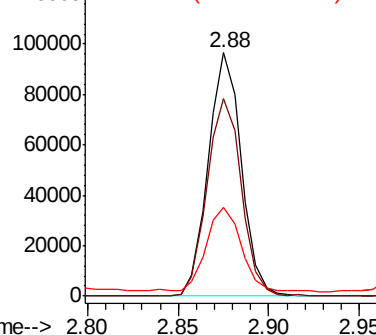


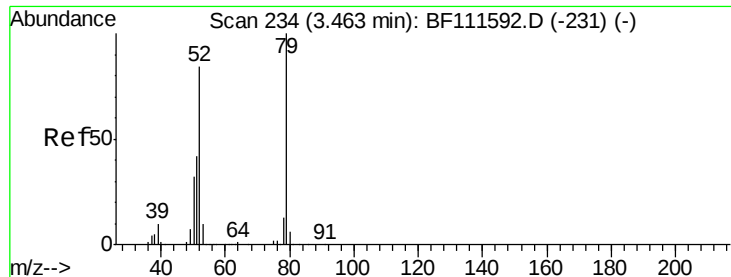
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





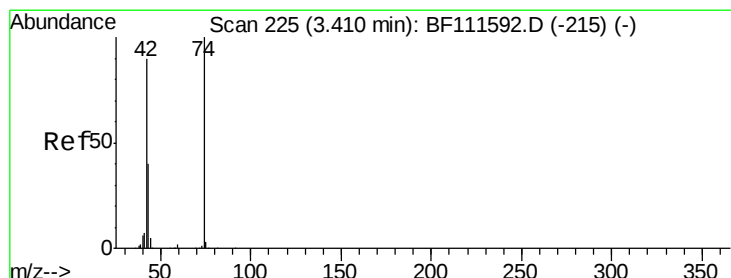
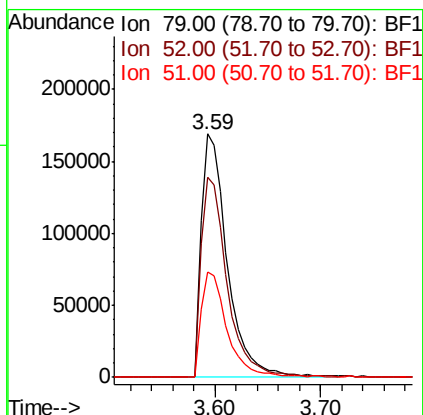
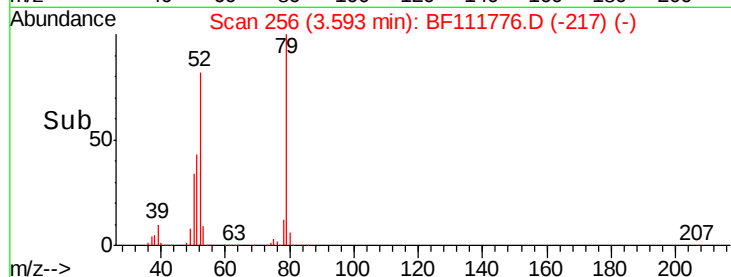
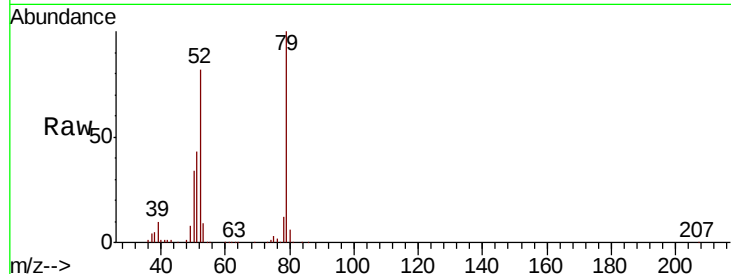
#3
 Pvrindine
 Concen: 27.732 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.13 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.4	68.3	102.5
51	43.1	32.6	49.0

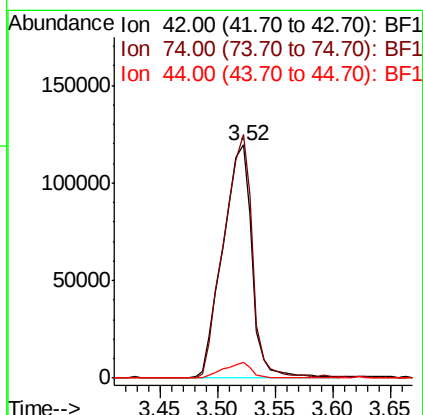
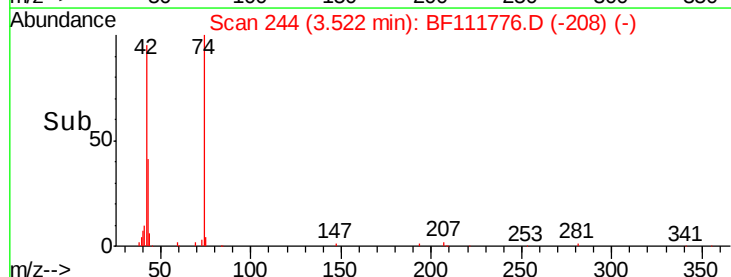
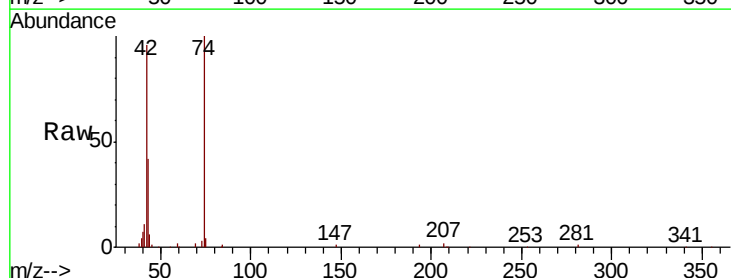
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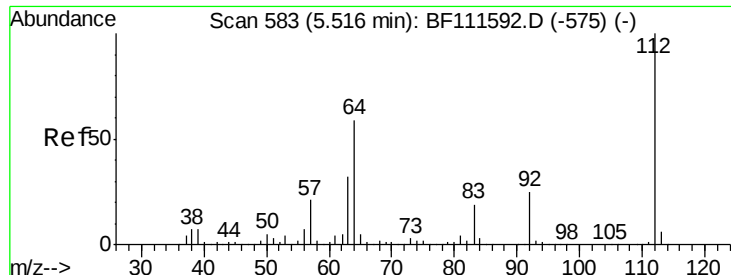
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#4
 n-Nitrosodimethylamine
 Concen: 41.215 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.11 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.4	101.5	152.3
44	6.6	6.0	9.0





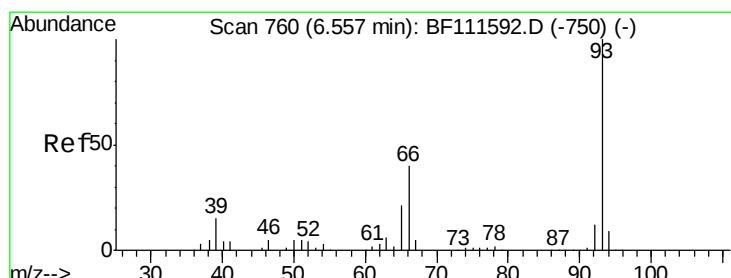
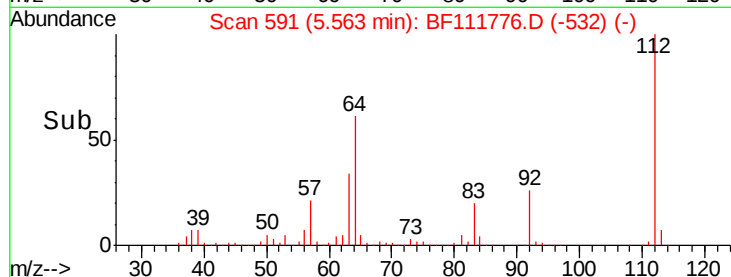
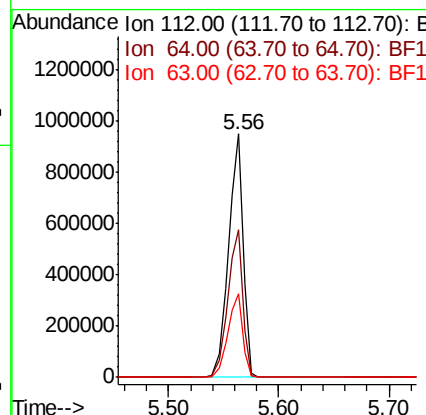
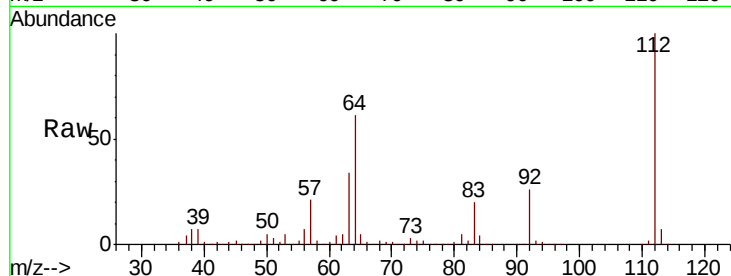
#5
2-Fluorophenol
Concen: 103.947 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.05 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	884404		
64	60.7	51.8	77.6	
63	34.3	26.8	40.2	

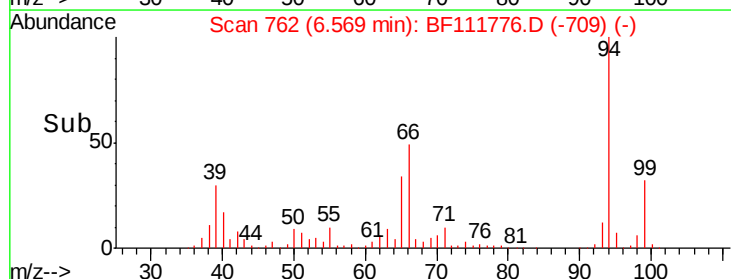
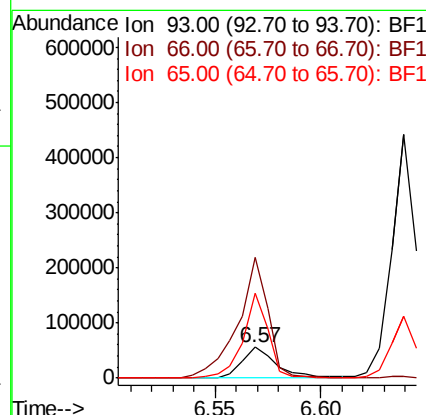
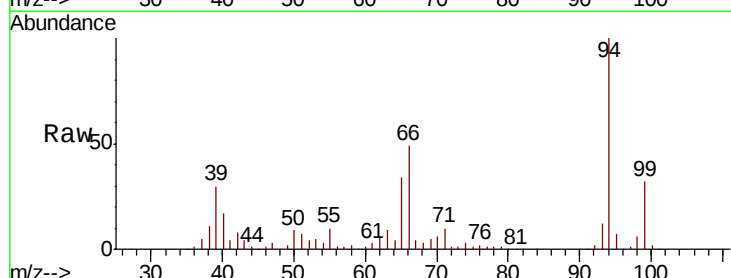
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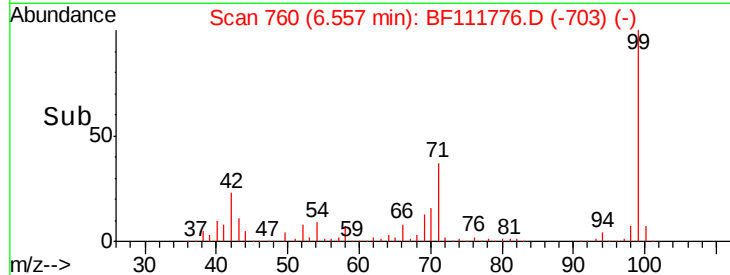
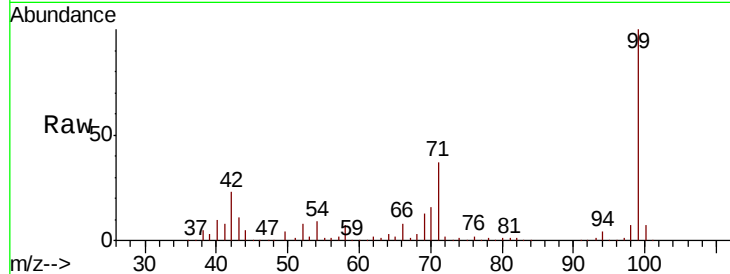
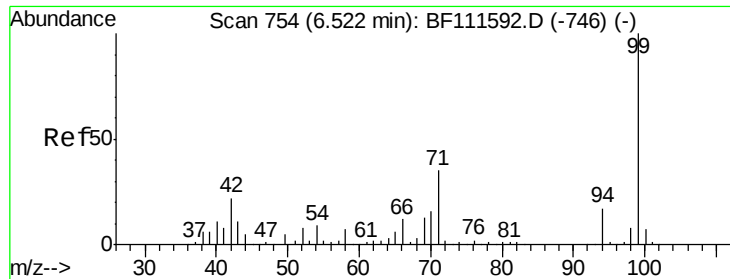
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#6
Aniline
Concen: 4.616 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	63711		
66	393.4	33.2	49.8#	
65	273.3	17.0	25.4#	





#7

Phenol-d6

Concen: 93.350 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.04 min

Lab File: BF111776.D

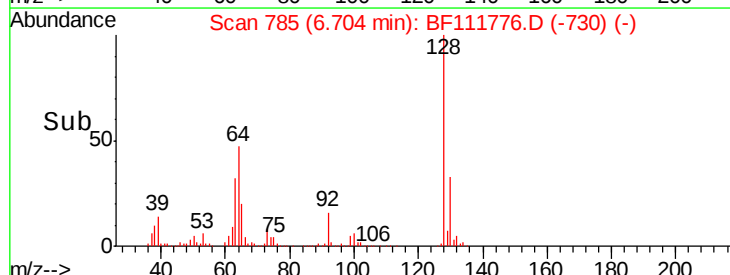
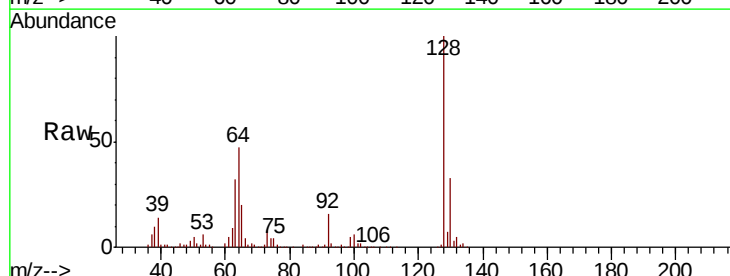
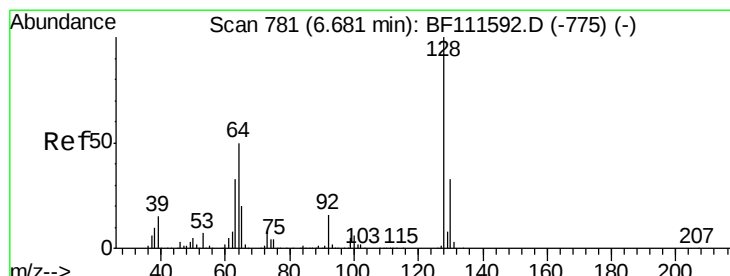
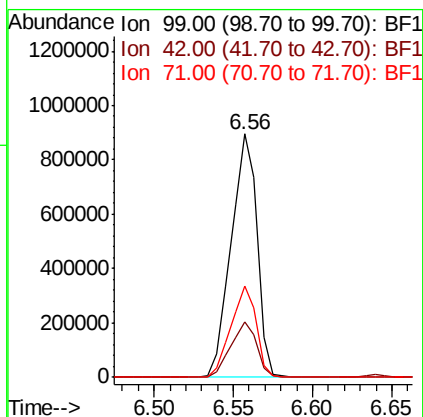
Acq: 27 Dec 2018 21:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	22.8	17.4	26.0		
71	37.4	26.1	39.1		

Instrument :
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#8

2-Chlorophenol

Concen: 37.553 ng

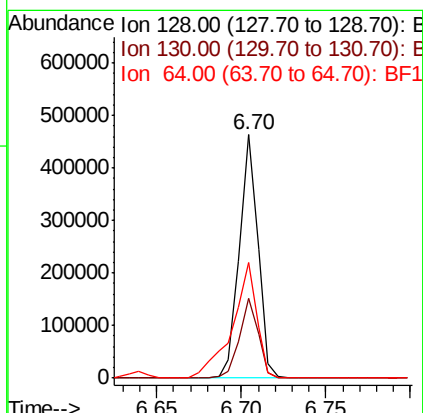
RT: 6.70 min Scan# 785

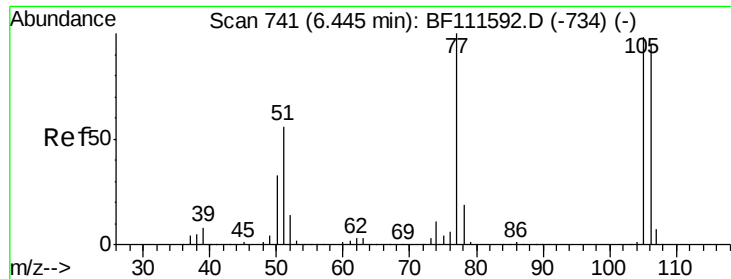
Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	32.7	12.7	52.7		
64	47.3	30.0	70.0		





#9

Benzaldehyde

Concen: 26.839 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

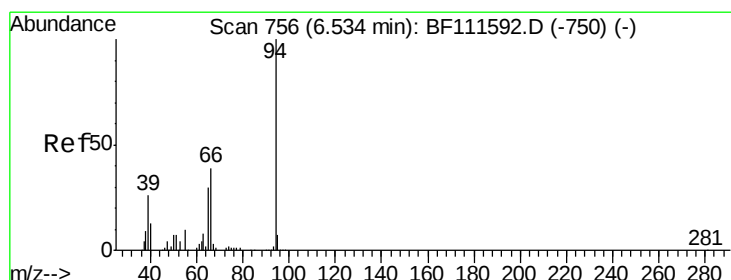
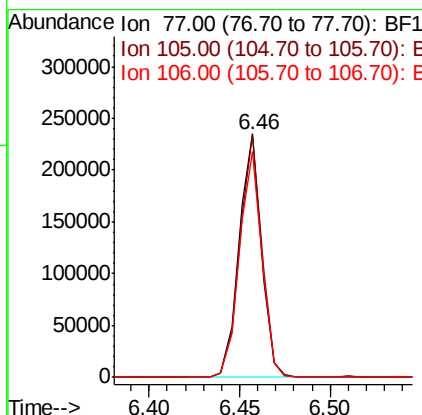
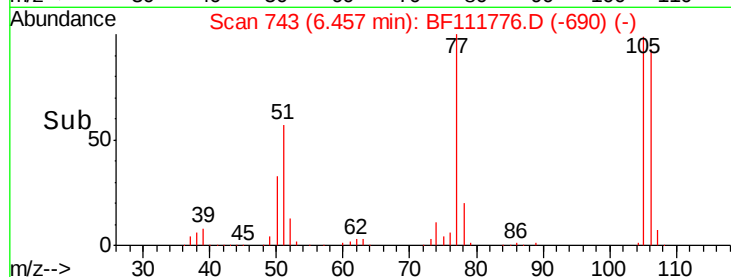
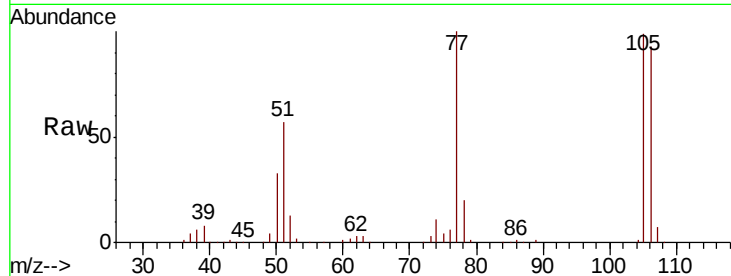
ClientSampleId :

BU-03-122118MS

Tot Ion:	77	Resp:	199875
Ion Ratio	Lower	Upper	
77	100		
105	99.3	81.4	121.4
106	92.7	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 28.215 ng

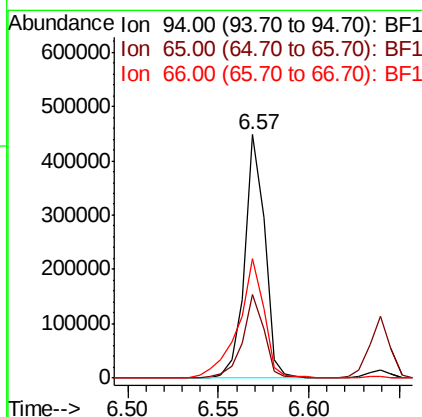
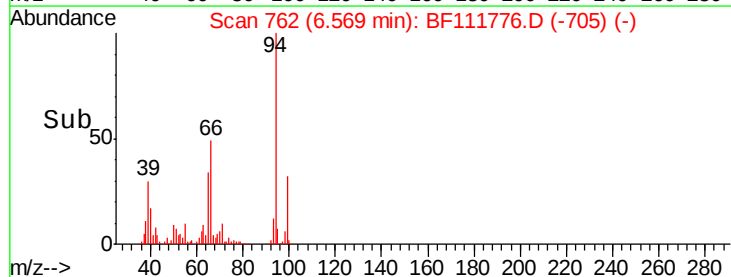
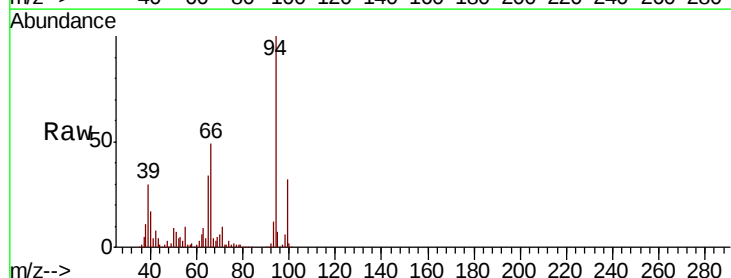
RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	94	Resp:	344719
Ion Ratio	Lower	Upper	
94	100		
65	34.1	11.7	51.7
66	49.1	21.0	61.0





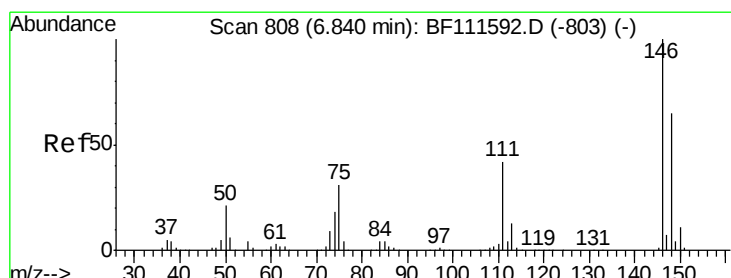
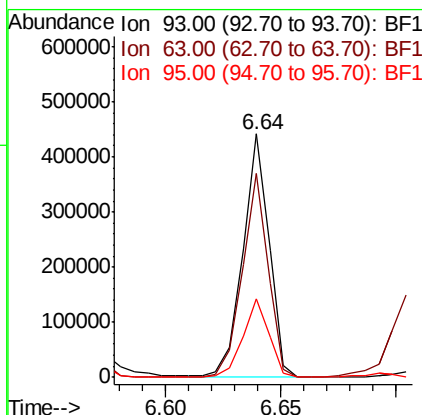
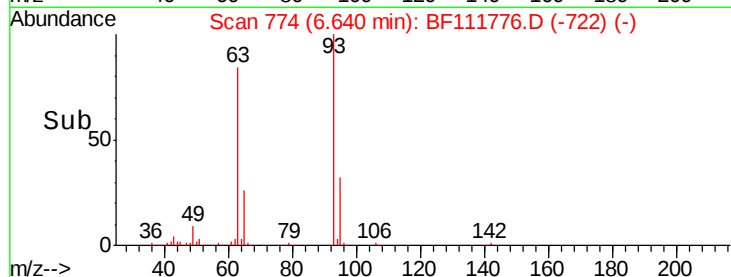
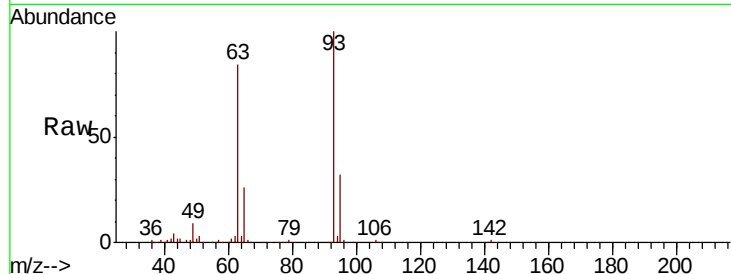
#11
bis(2-Chloroethyl)ether
Concen: 38.223 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.7	60.0	100.0	
95	32.5	13.4	53.4	

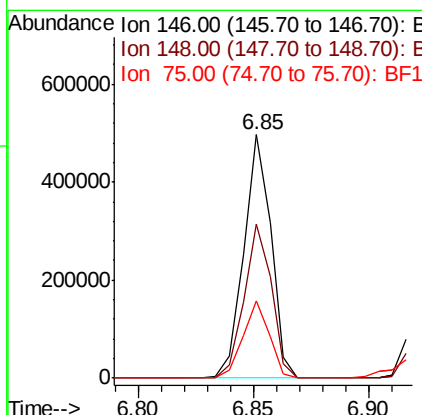
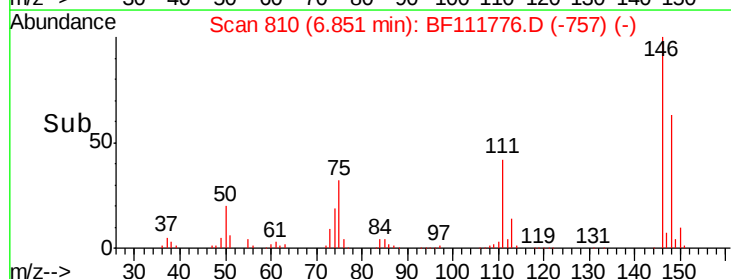
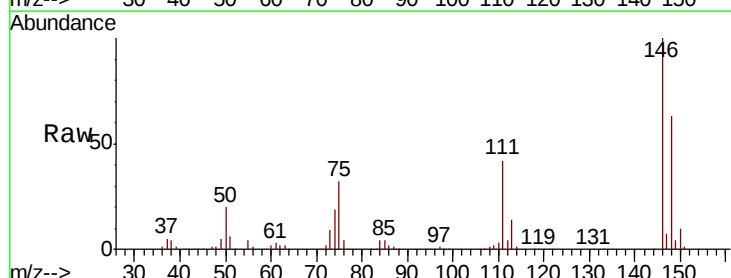
Manual Integrations
APPROVED

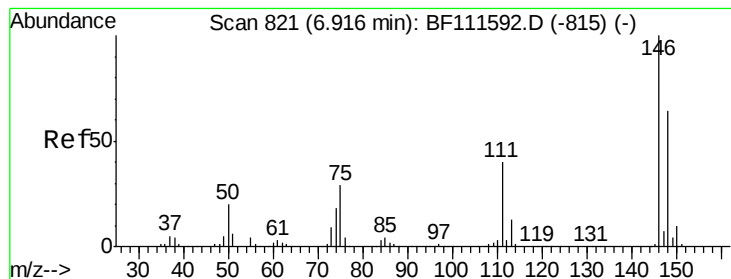
Sohil
12/28/2018 10:37:29 AM



#12
1,3-Dichlorobenzene
Concen: 37.350 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.4	52.1	78.1	
75	31.6	23.9	35.9	





#13

1,4-Dichlorobenzene

Concen: 37.183 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

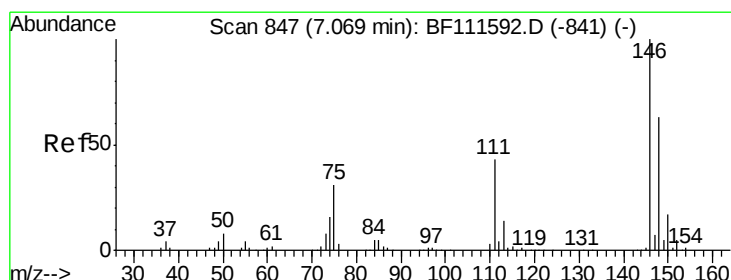
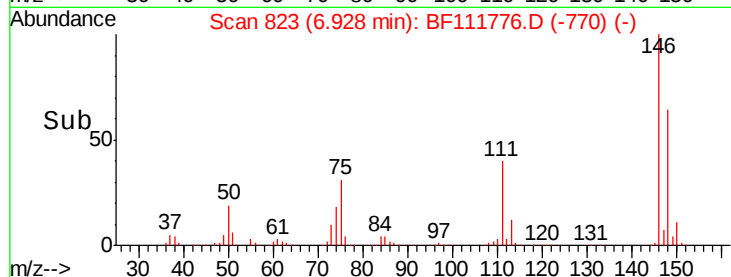
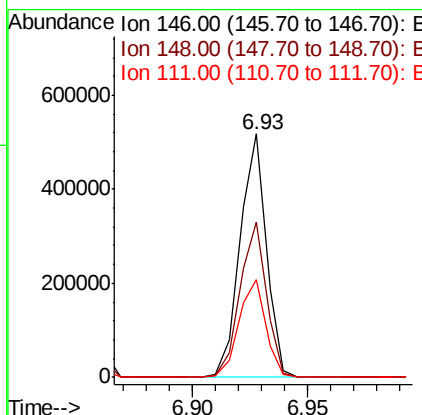
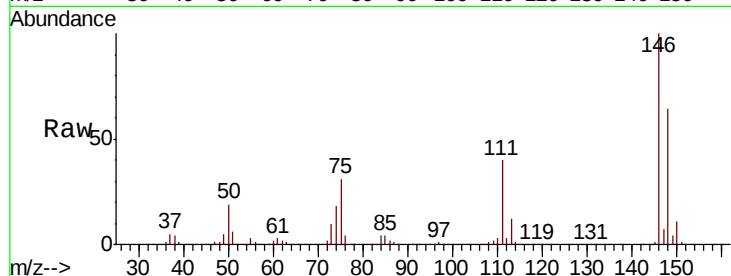
ClientSampleId :

BU-03-122118MS

Tot Ion:	146	Resp:	411888
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.8	79.2
111	40.1	33.4	50.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.328 ng

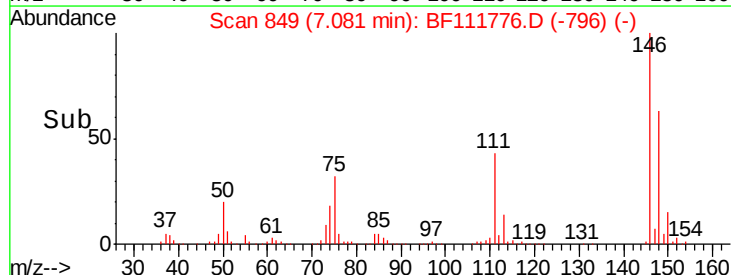
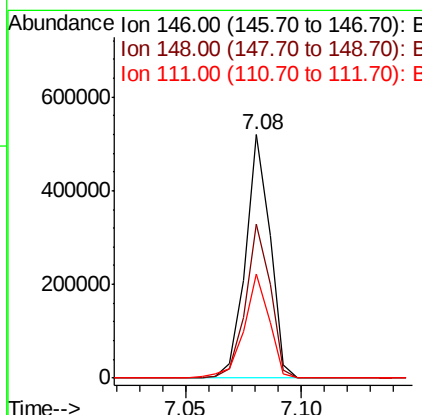
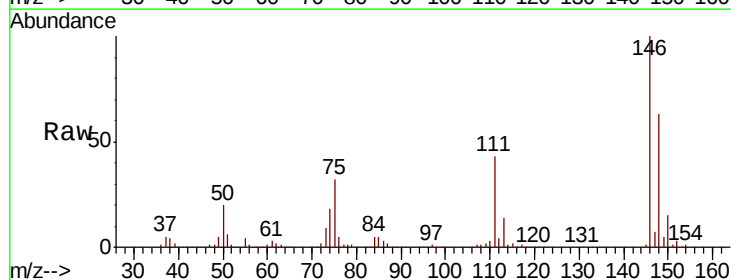
RT: 7.08 min Scan# 849

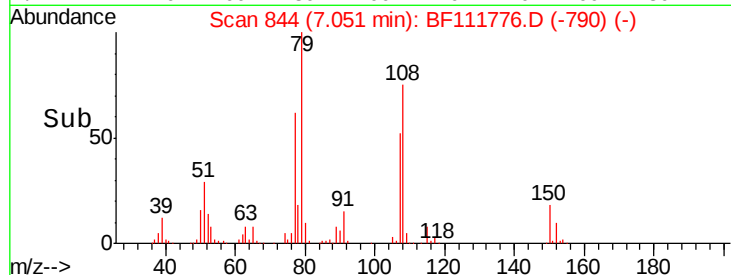
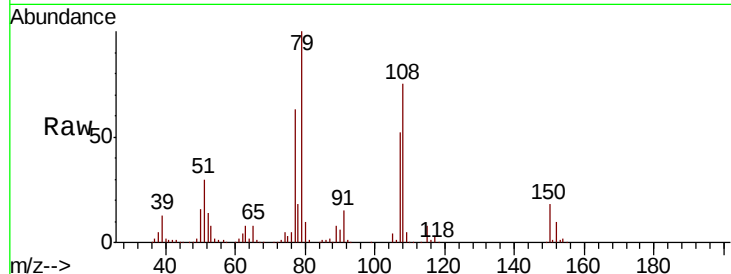
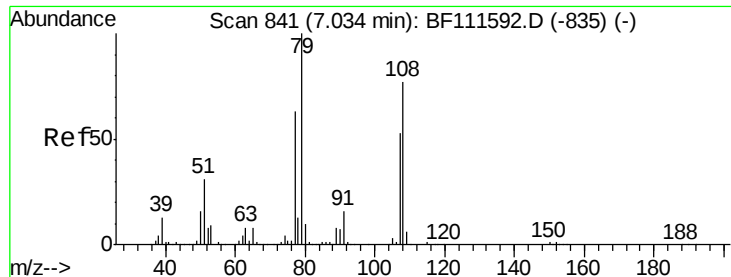
Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	146	Resp:	385784
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.9	77.9
111	42.7	36.2	54.4





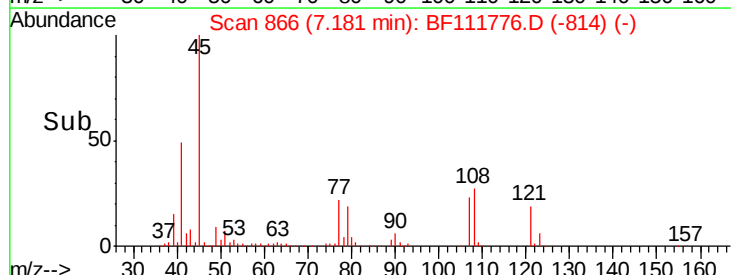
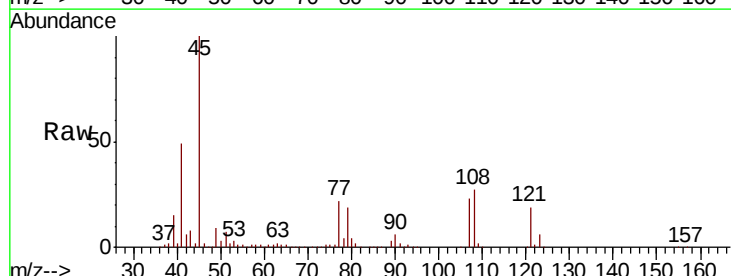
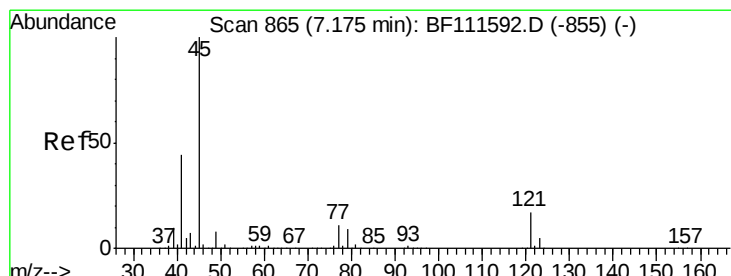
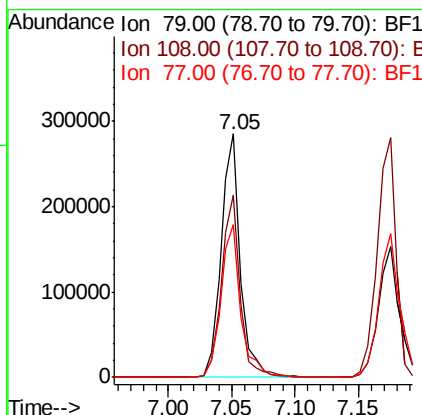
#15
Benzyl Alcohol
Concen: 34.922 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.8	69.4	104.2	
77	62.6	49.7	74.5	

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

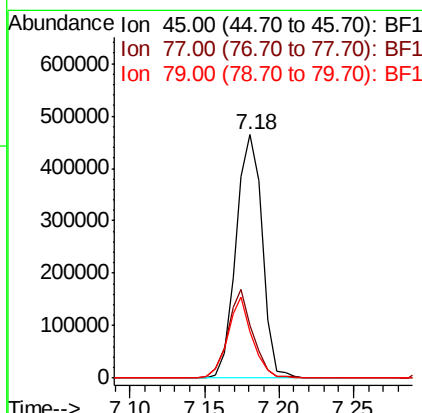
Manual Integrations
APPROVED

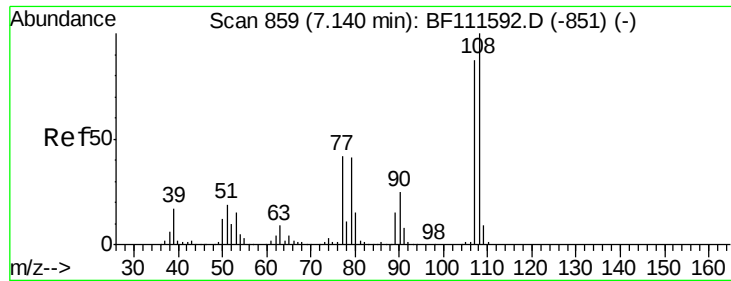
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.701 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	21.8	0.0	31.5	
79	19.2	0.0	28.9	





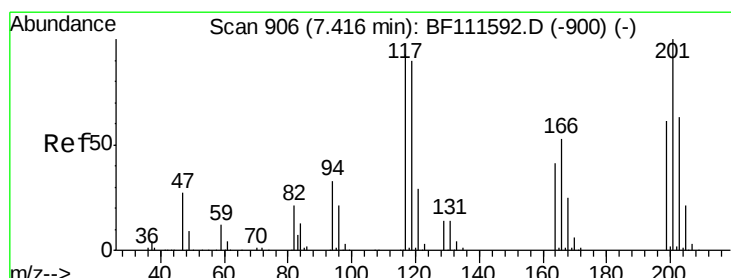
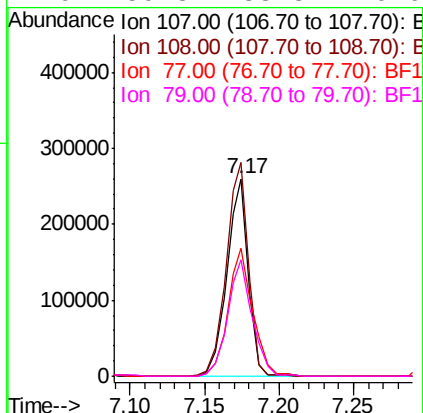
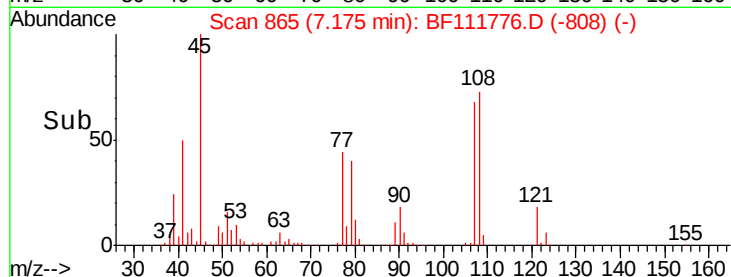
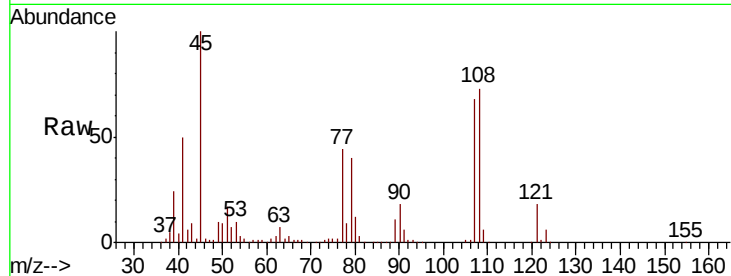
#17
2-Methylphenol
Concen: 34.720 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	91.0	136.4	
77	64.9	33.5	50.3	
79	59.3	33.3	49.9	

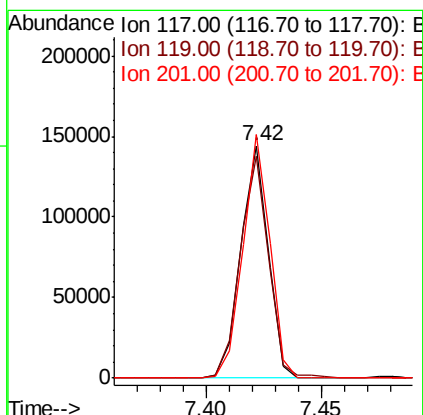
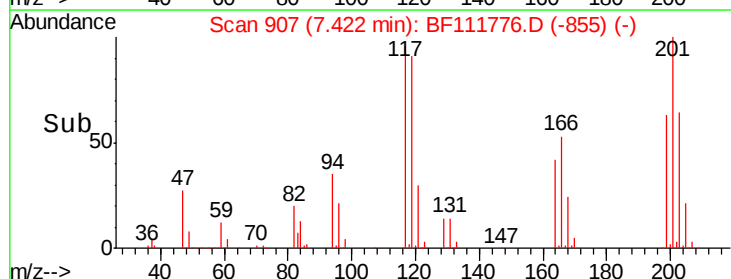
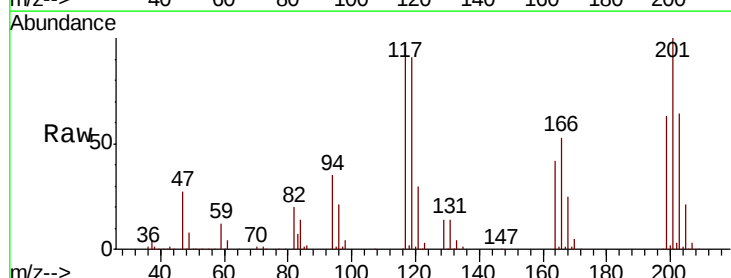
Manual Integrations
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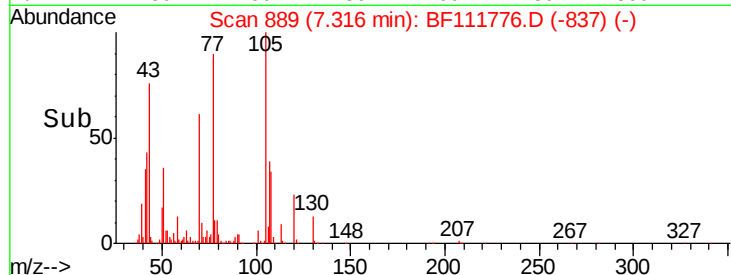
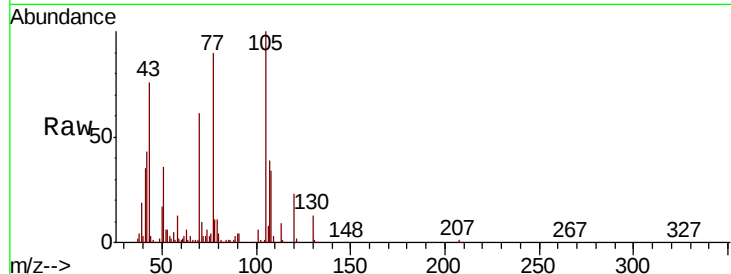
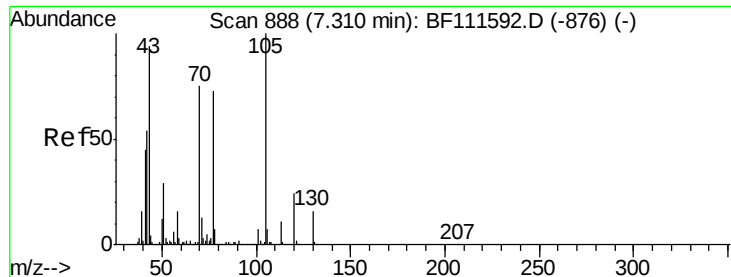
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#18
Hexachloroethane
Concen: 32.147 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.4	113.0	
201	104.7	62.4	93.6	





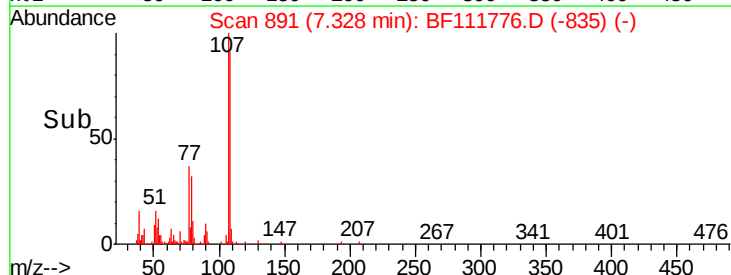
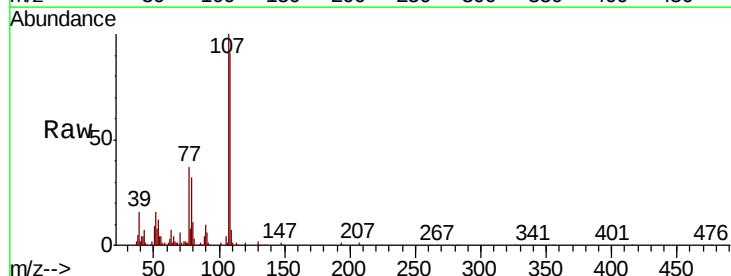
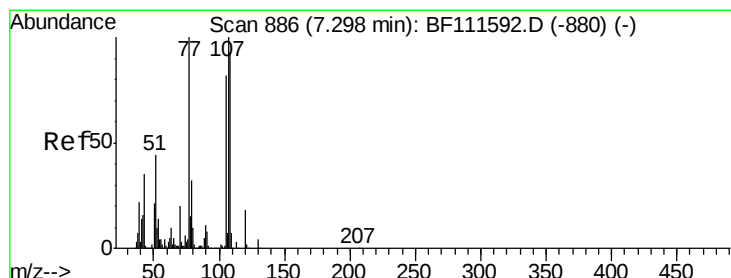
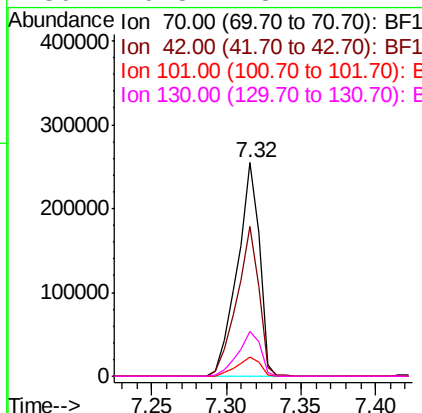
#19
n-Nitroso-di-n-propylamine
Concen: 36.838 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.9	53.2	79.8
101	9.2	8.2	12.4
130	20.8	18.1	27.1

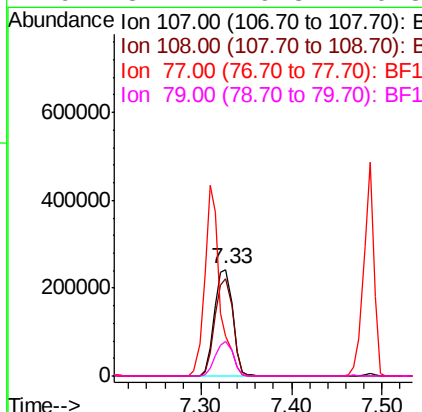
Manual Integrations
APPROVED

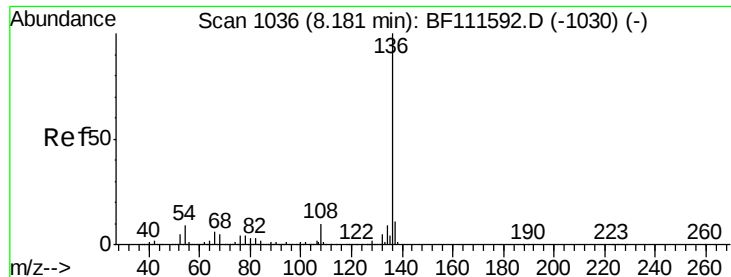
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#20
3+4-Methylphenols
Concen: 35.743 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.03 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.1	112.1
77	36.7	94.1	134.1#
79	32.2	9.8	49.8





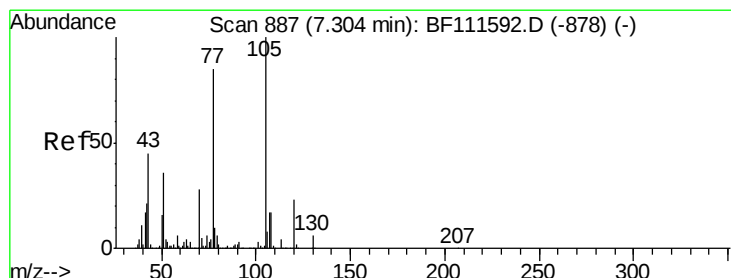
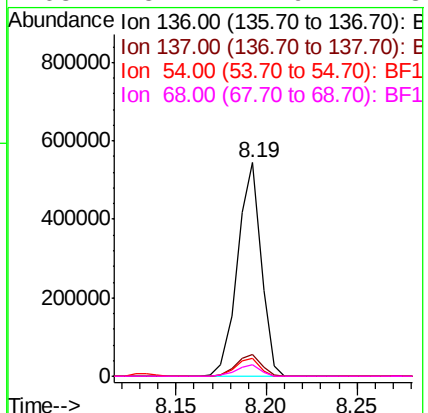
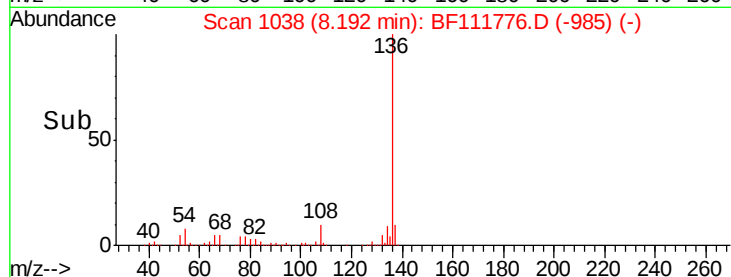
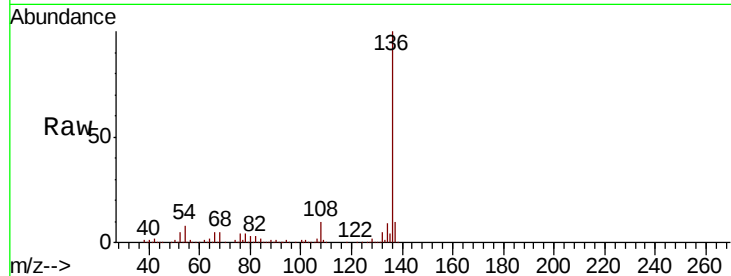
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	8.4	7.7	11.5	
68	5.1	4.9	7.3	

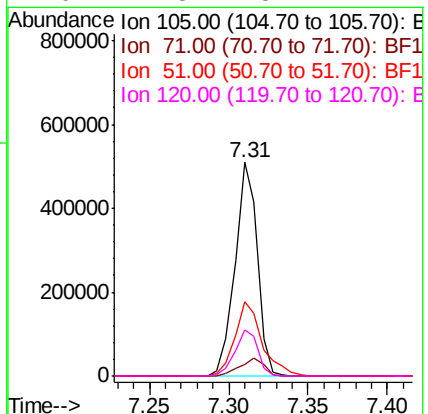
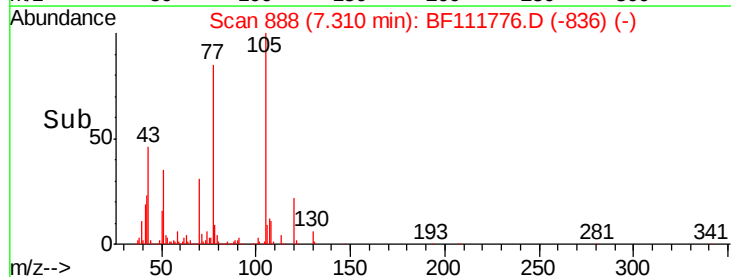
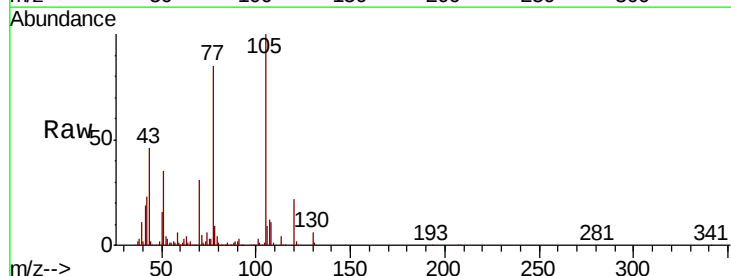
Manual Integrations
APPROVED

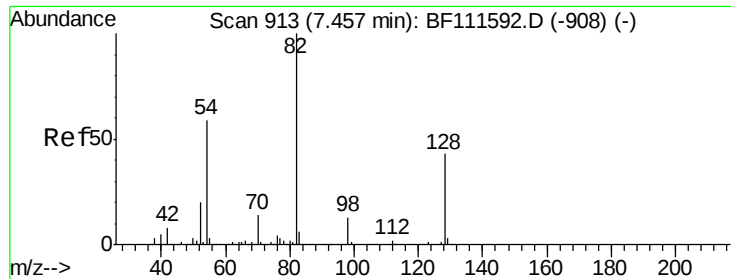
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#22
Acetophenone
Concen: 39.687 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	3.1	4.7#	
51	34.7	36.6	54.8#	
120	21.8	18.2	27.4	





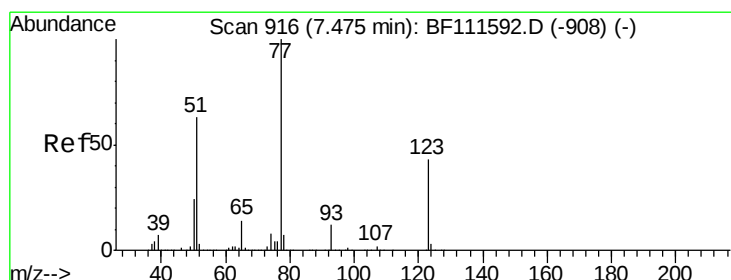
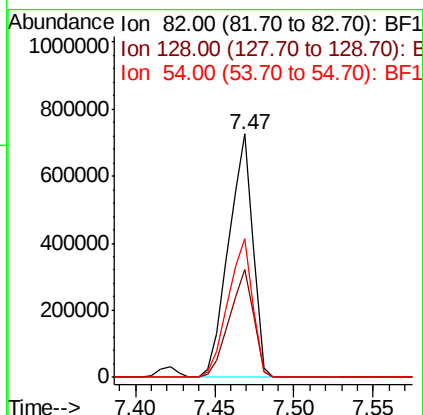
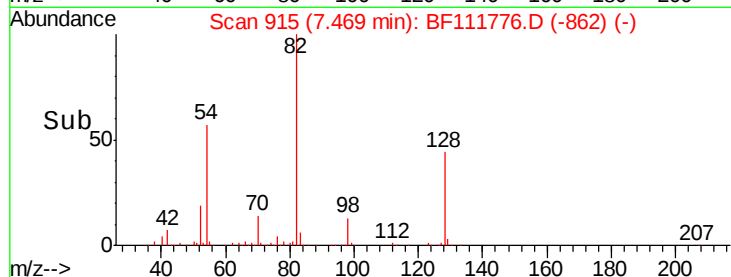
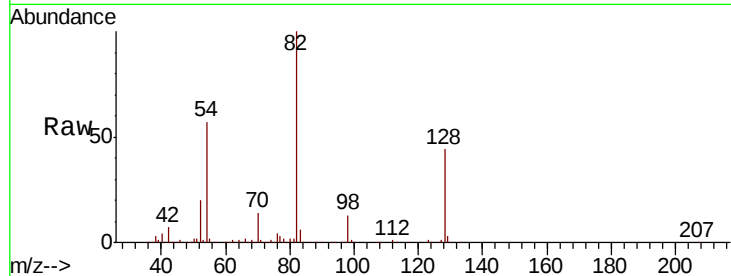
#23
Nitrobenzene-d5
Concen: 91.201 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.2
54	57.1	47.6	71.4

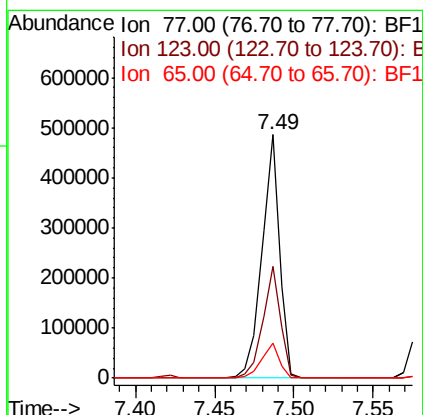
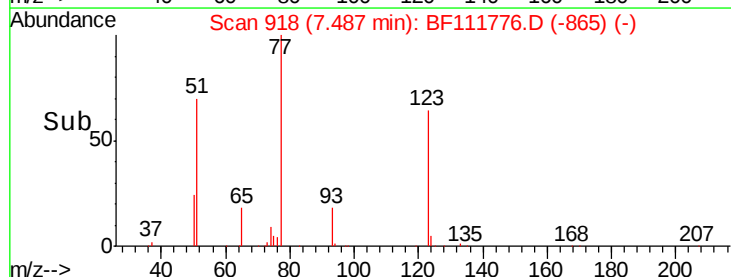
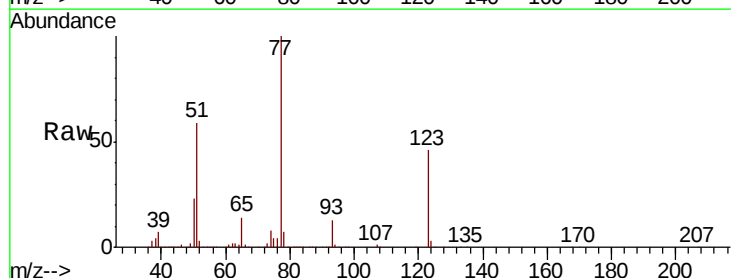
Manual Integrations
APPROVED

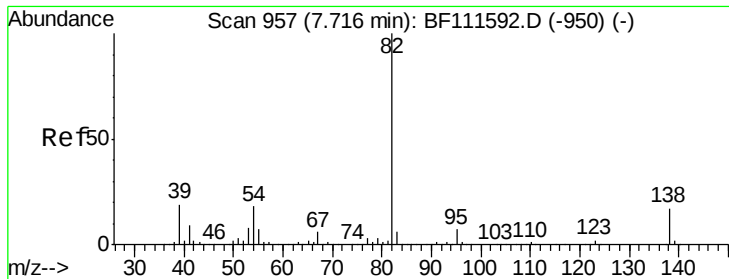
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#24
Nitrobenzene
Concen: 43.104 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.2	55.8
65	14.1	11.5	17.3





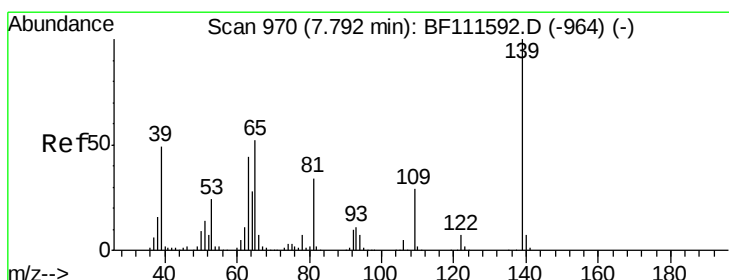
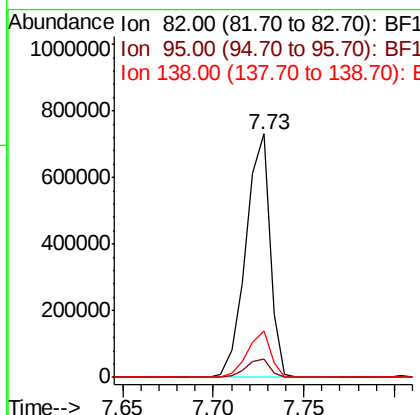
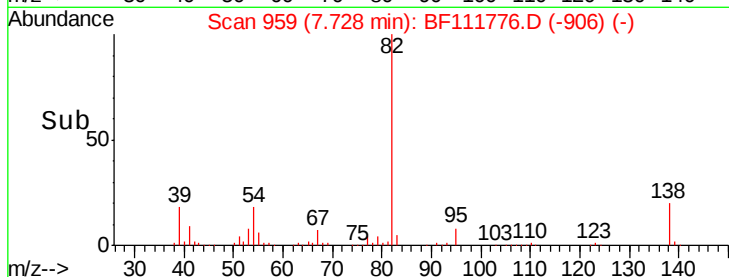
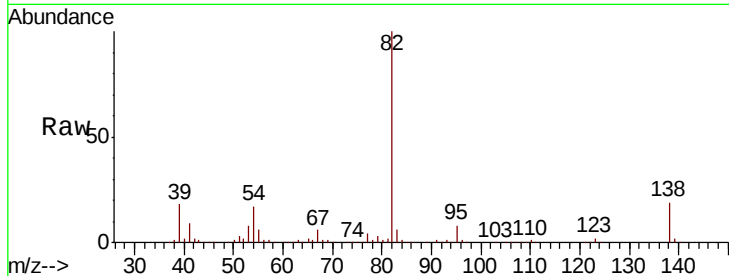
#25
Isophorone
Concen: 44.994 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	676573		
95	7.8		5.4	8.2
138	19.0		15.1	22.7

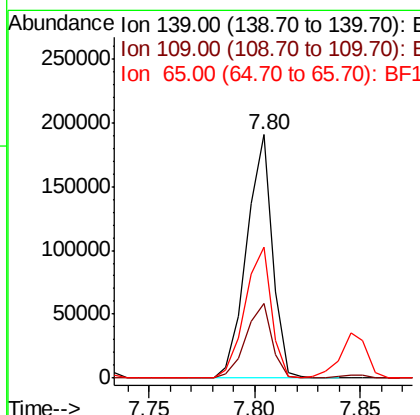
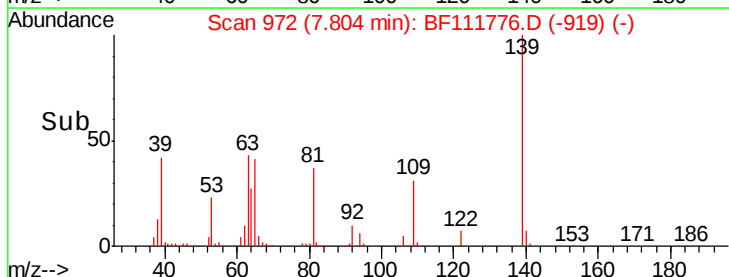
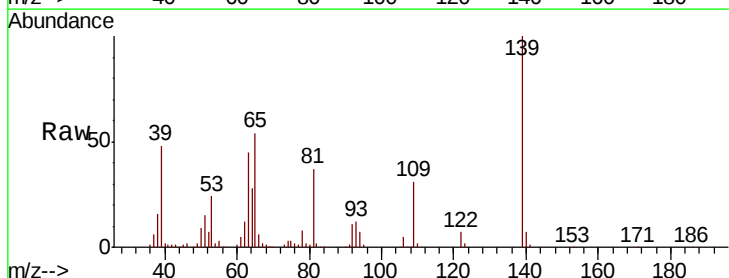
Manual Integrations
APPROVED

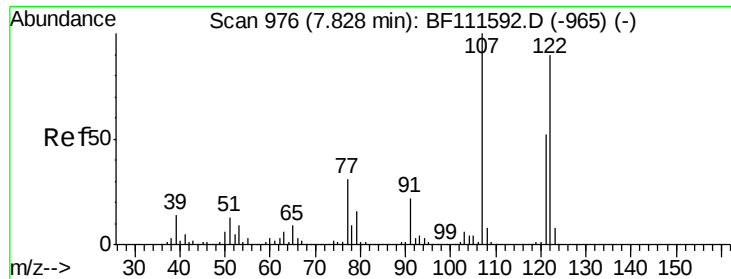
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#26
2-Nitrophenol
Concen: 44.870 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	161549		
109	30.5		20.2	30.4#
65	53.8		40.7	61.1





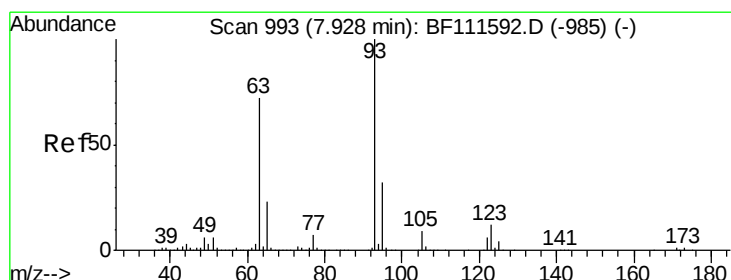
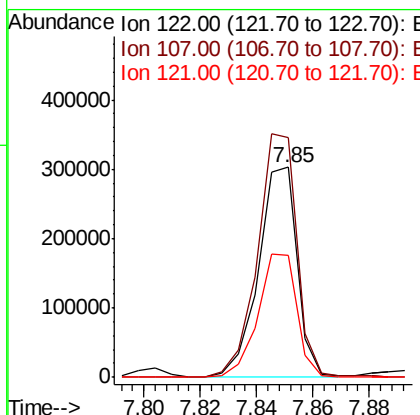
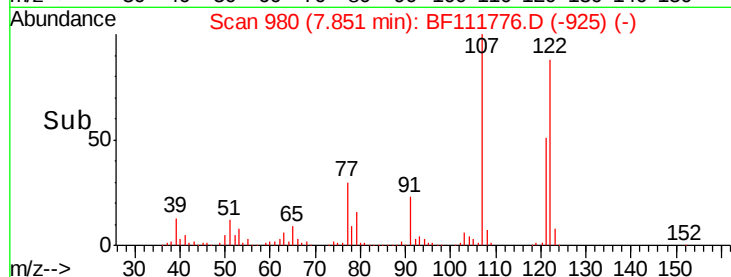
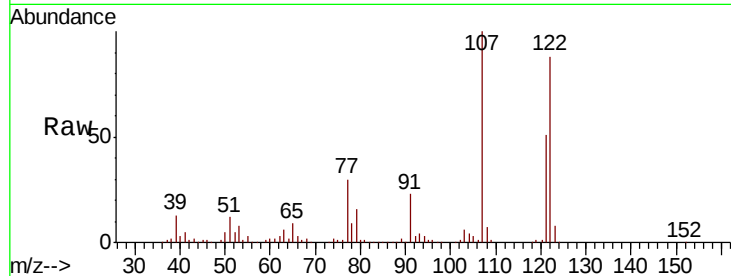
#27
2,4-Dimethylphenol
Concen: 40.815 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289678		
107	114.2	85.5	128.3	
121	58.0	46.6	70.0	

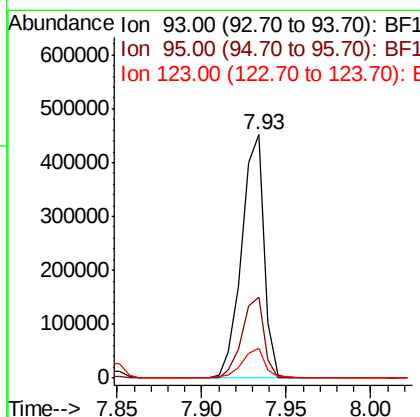
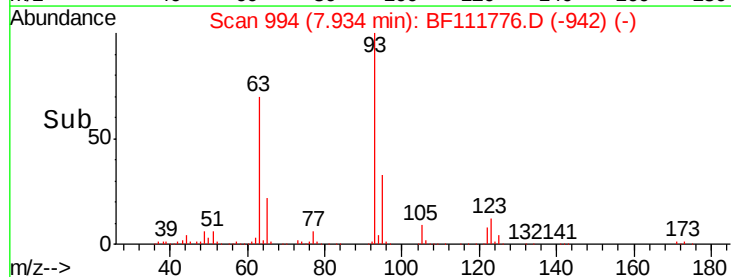
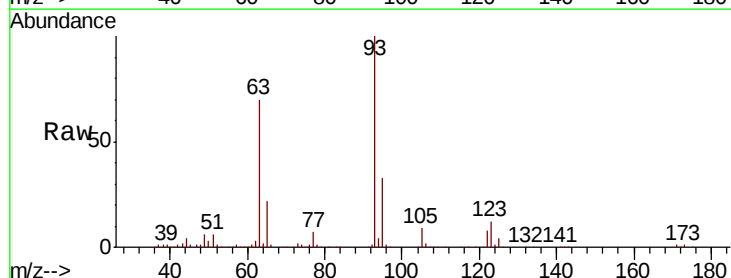
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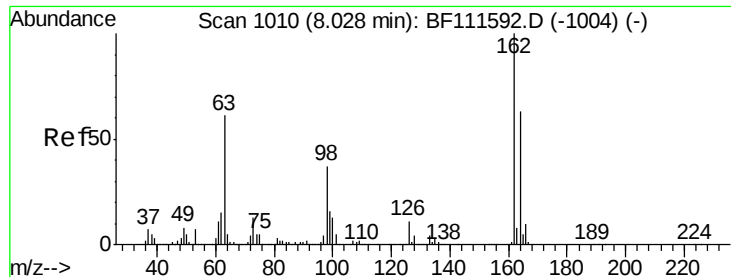
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.824 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	418499		
95	33.4	27.1	40.7	
123	12.4	9.9	14.9	





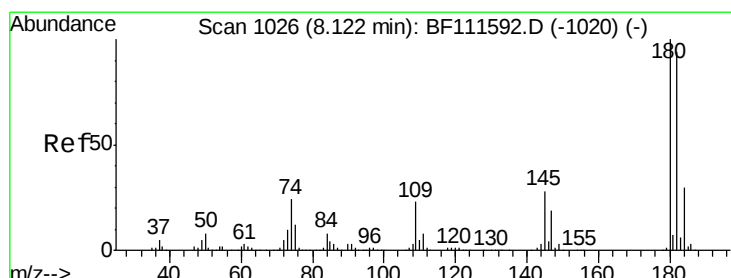
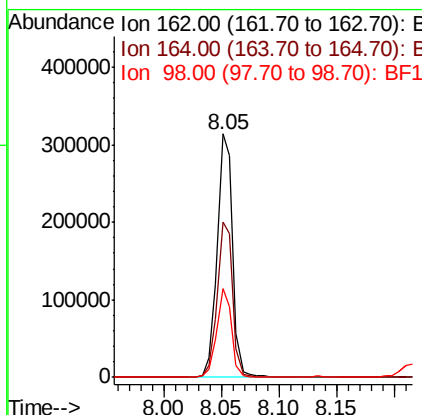
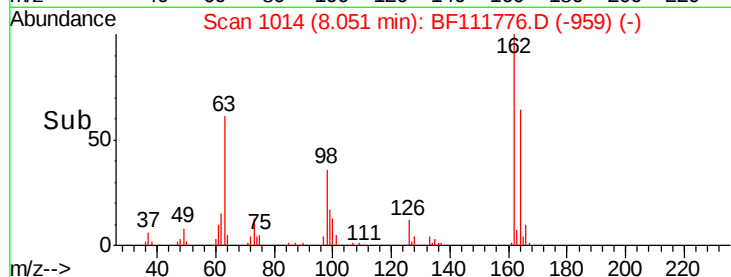
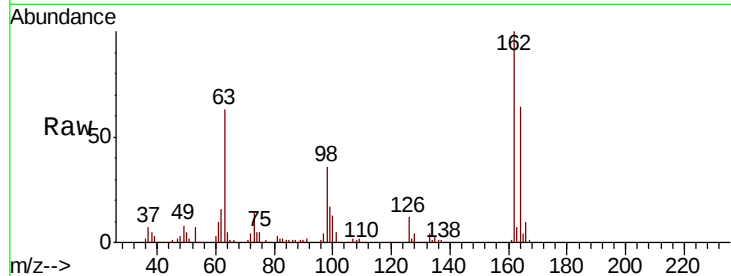
#29
2,4-Dichlorophenol
Concen: 38.193 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	291559		
164	63.6	44.4	84.4	
98	36.5	20.3	60.3	

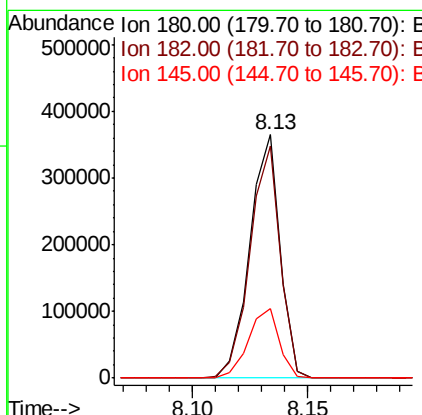
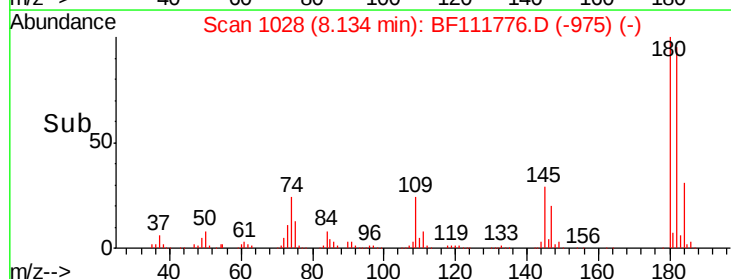
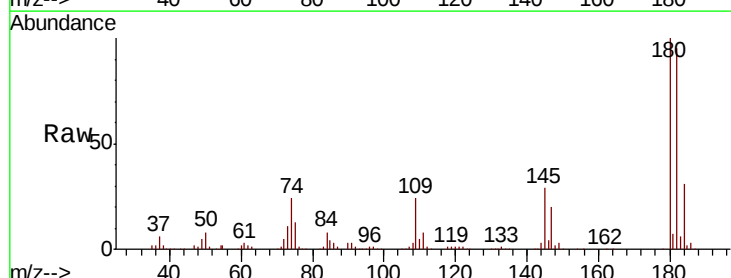
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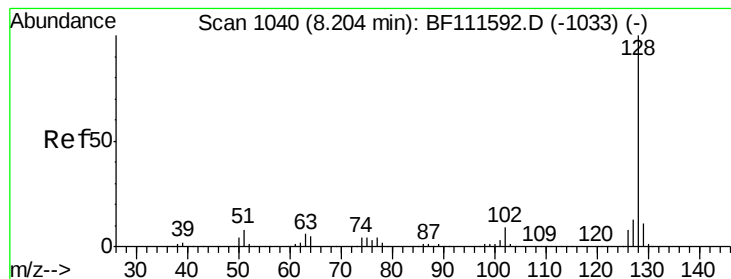
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.299 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334315		
182	95.4	75.6	113.4	
145	28.7	26.7	40.1	





#31

Naphthalene

Concen: 42.744 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

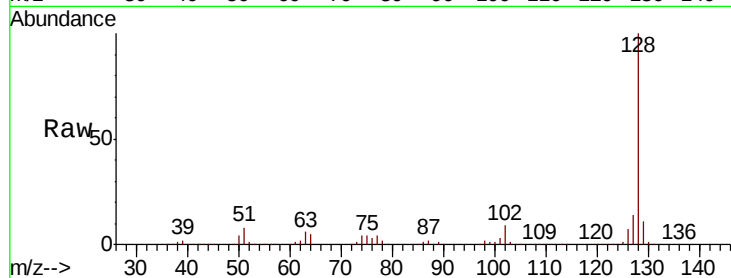
ClientSampleId :

BU-03-122118MS

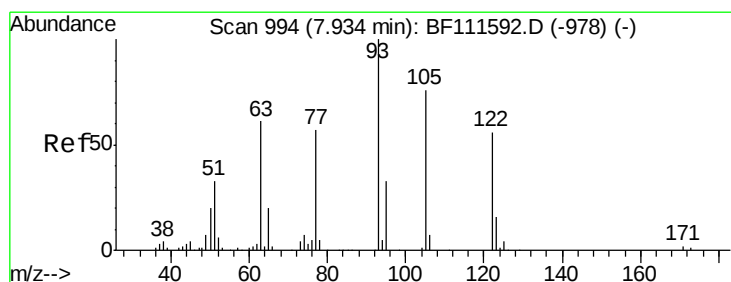
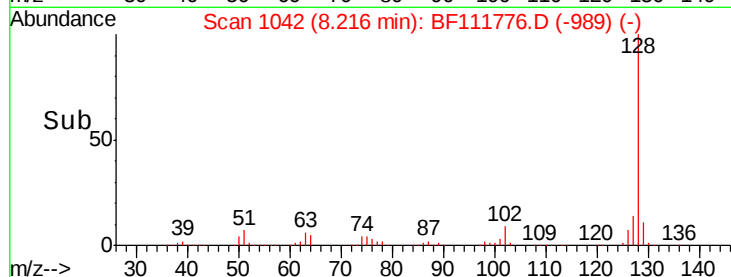
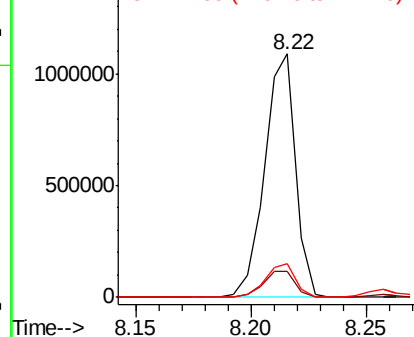
Tot Ion:	128	Resp:	1012567
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.8	14.8
127	13.7	12.0	18.0

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



#32

Benzoic acid

Concen: 28.427 ng m

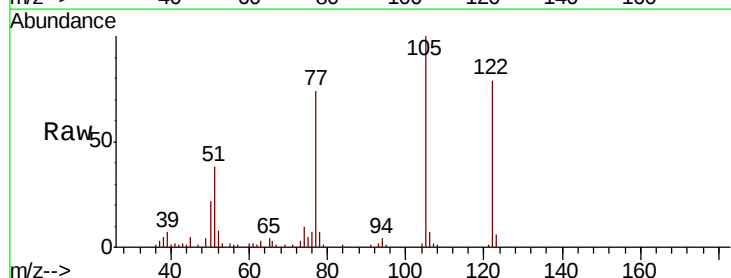
RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

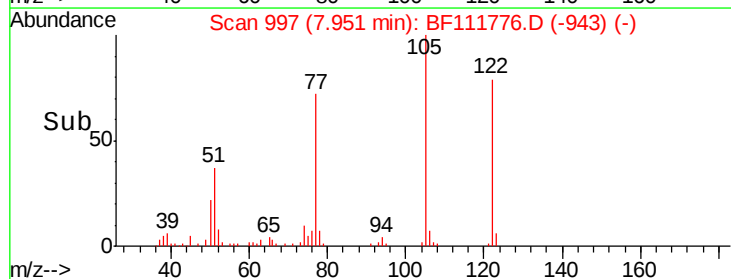
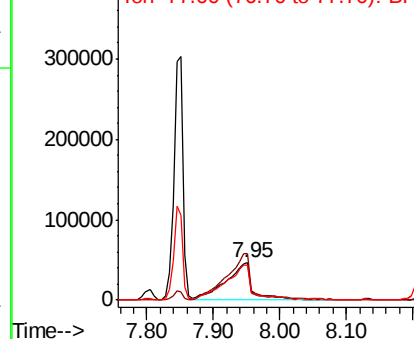
Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	122	Resp:	133400
Ion	Ratio	Lower	Upper
122	100		
105	127.2	97.0	137.0
77	94.2	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





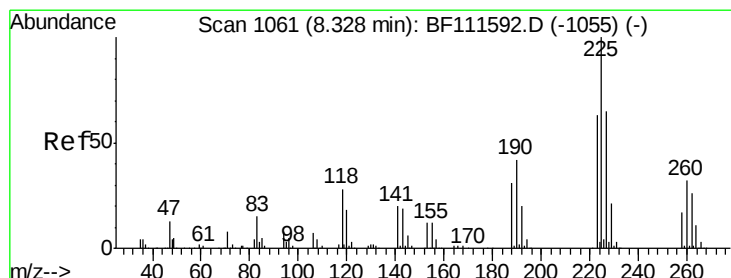
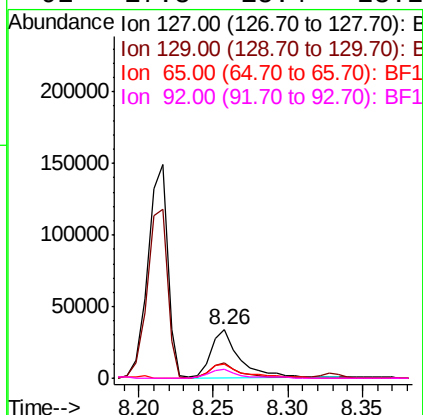
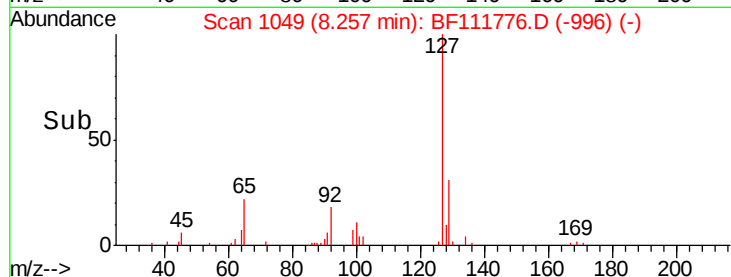
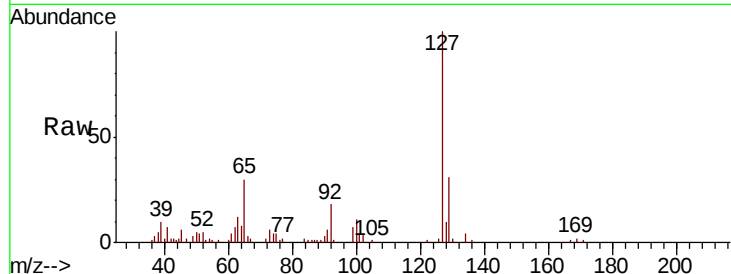
#33
4-Chloroaniline
Concen: 4.396 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		45013		
129	31.5	26.6	39.8		
65	30.4	25.7	38.5		
92	17.8	15.4	23.2		

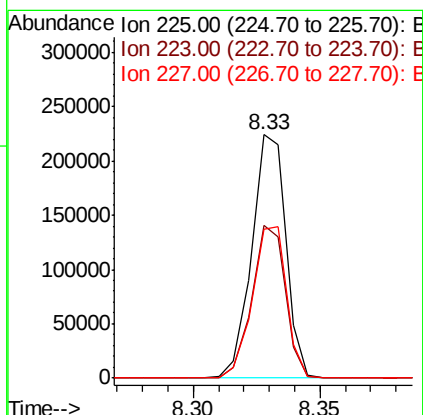
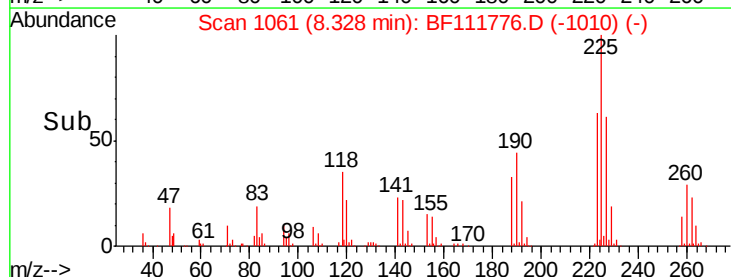
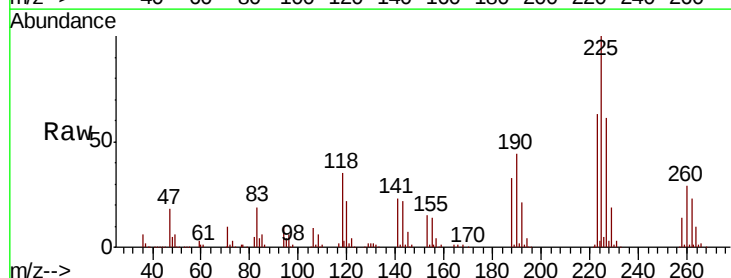
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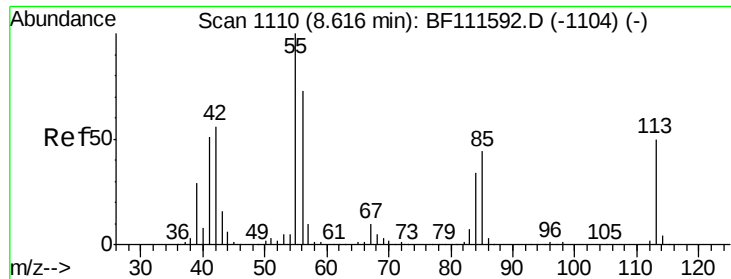
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#34
Hexachlorobutadiene
Concen: 40.629 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		210646		
223	62.7	50.7	76.1		
227	61.1	52.6	78.8		





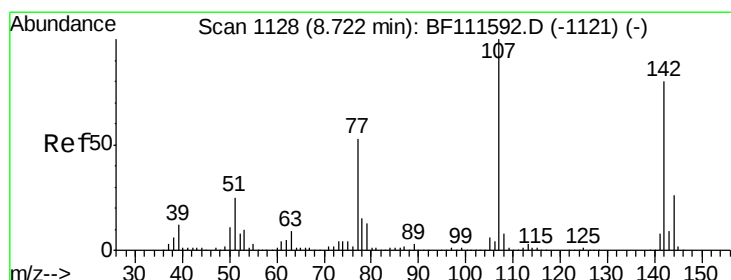
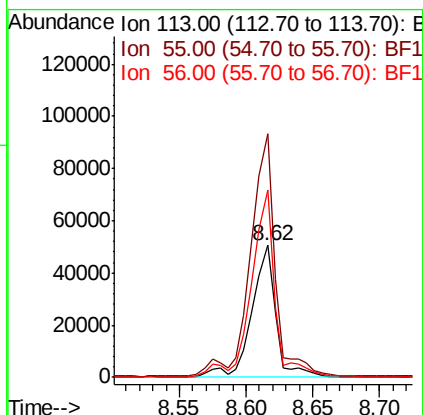
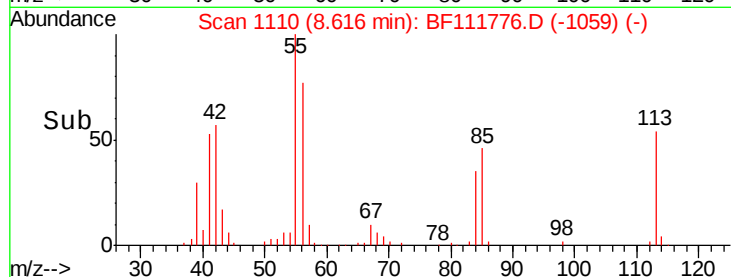
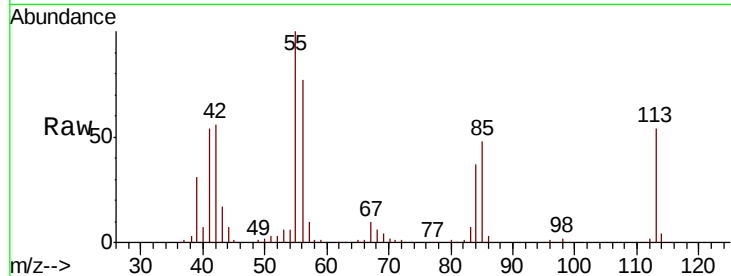
#35
 Caprolactam
 Concen: 24.036 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.2	184.1	224.1
56	142.1	126.0	166.0

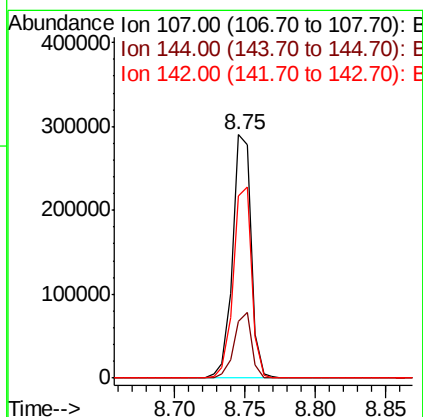
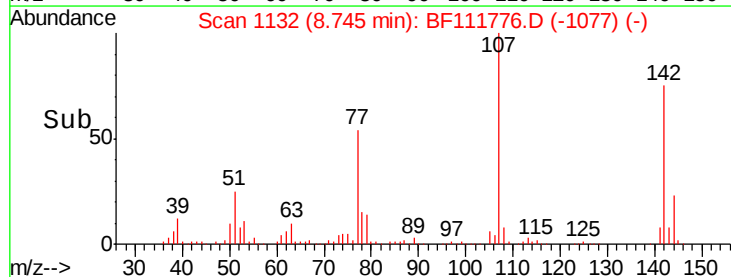
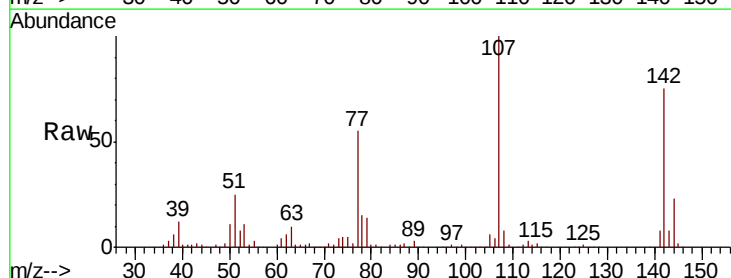
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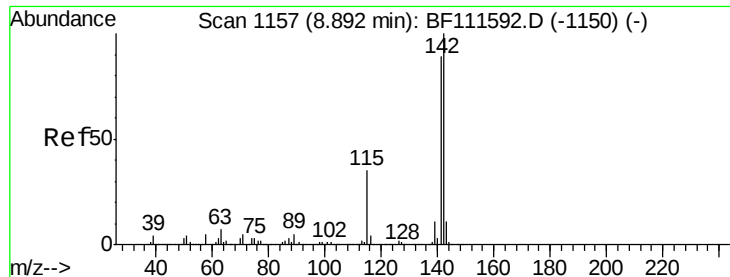
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#36
 4-Chloro-3-methylphenol
 Concen: 35.435 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.8	29.6
142	74.7	62.3	93.5





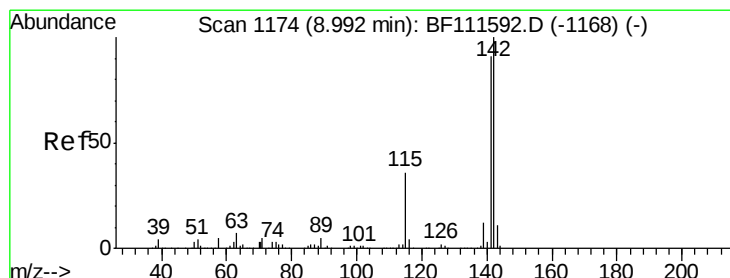
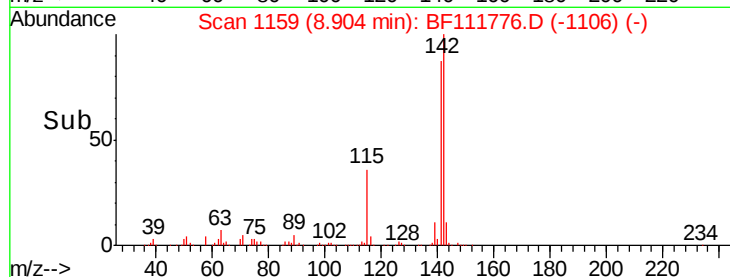
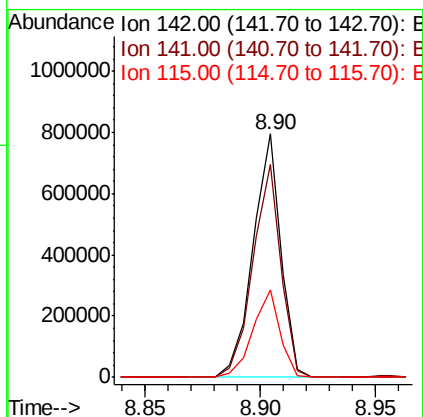
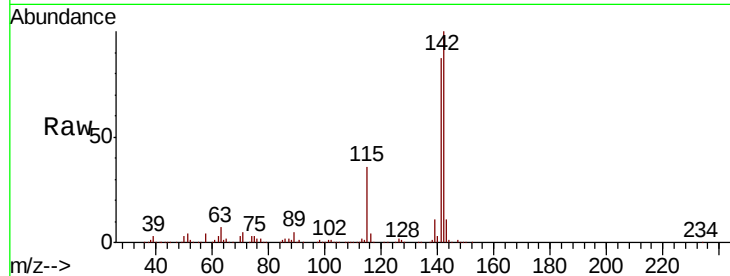
#37
2-Methylnaphthalene
Concen: 43.414 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	35.7	27.0	40.6

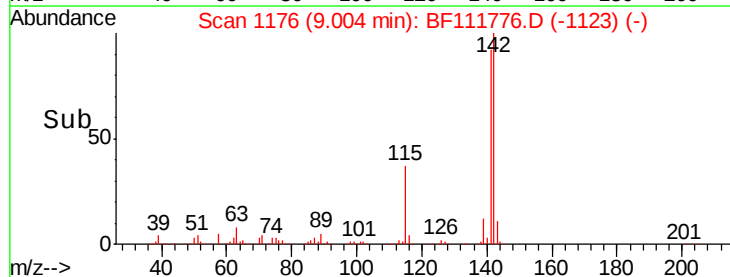
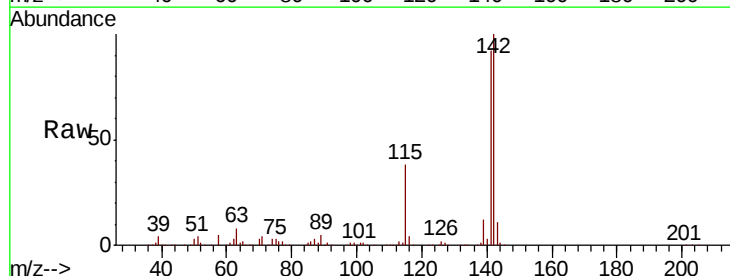
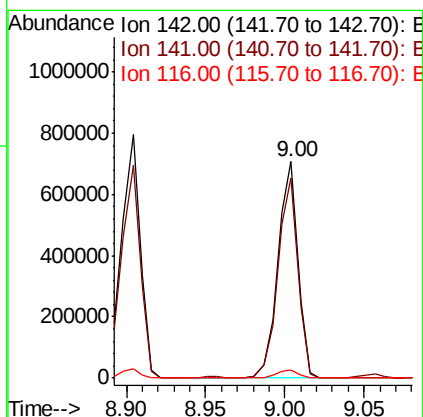
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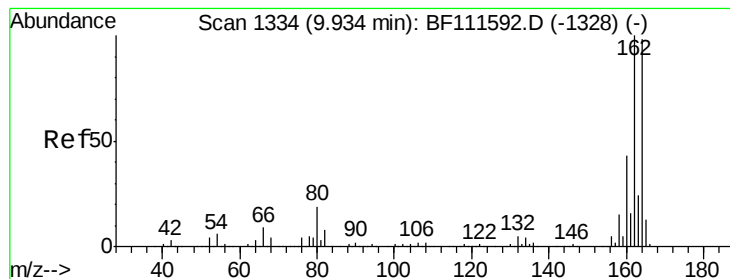
Sohil
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#38
1-Methylnaphthalene
Concen: 41.834 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.8	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: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

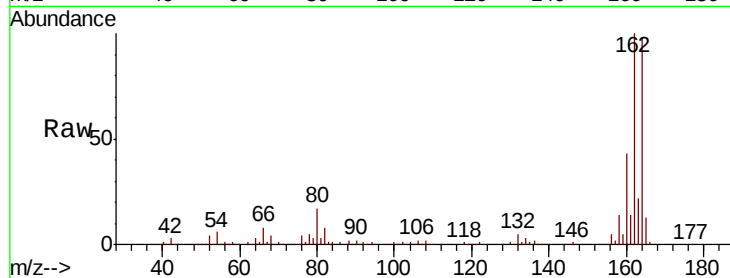
ClientSampleId :

BU-03-122118MS

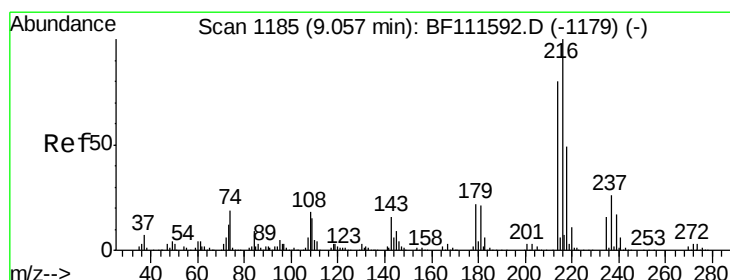
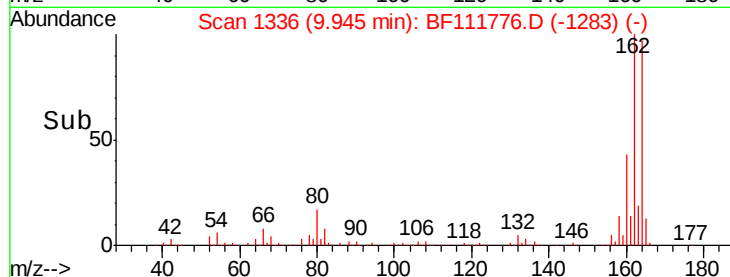
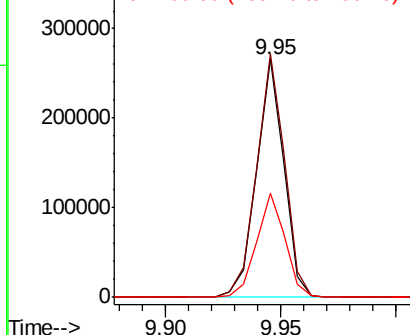
Tot Ion:	164	Resp:	220027
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.4	122.0
160	43.9	35.7	53.5

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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: 44.080 ng

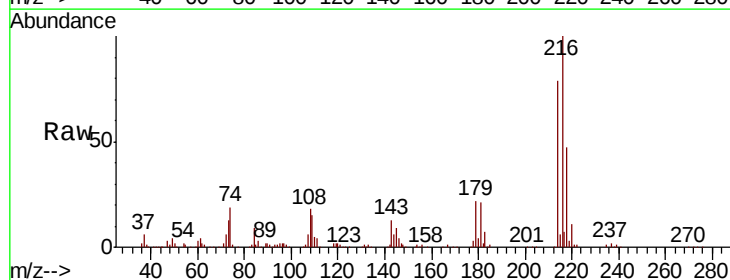
RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

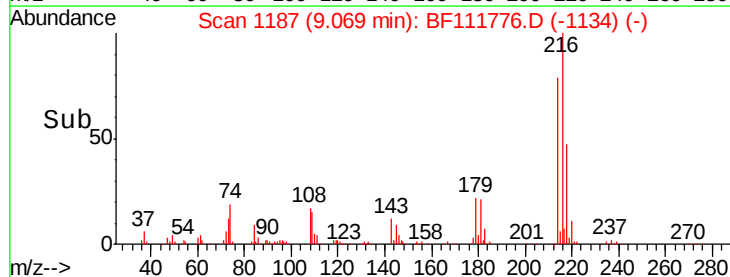
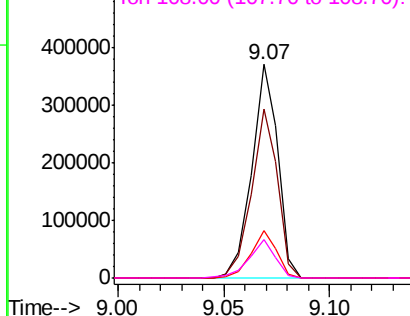
Lab File: BF111776.D

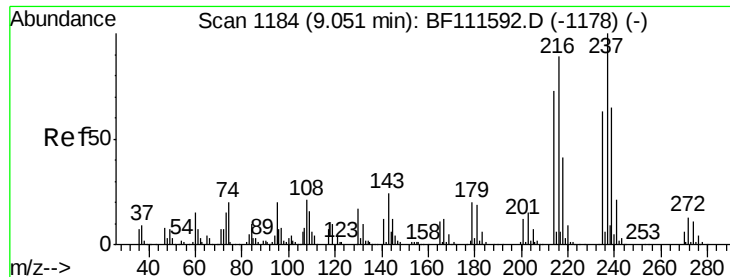
Acq: 27 Dec 2018 21:28

Tgt Ion:	216	Resp:	318701
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.8	95.8
179	21.4	17.9	26.9
108	18.1	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: 29.755 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

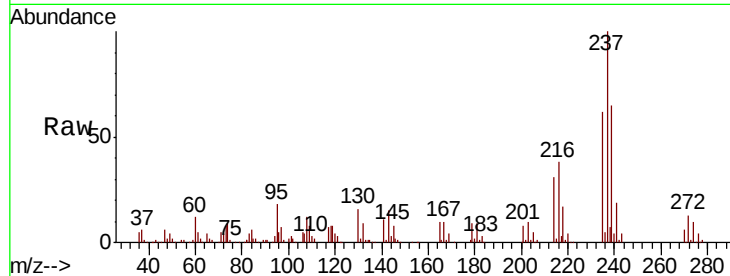
ClientSampleId :

BU-03-122118MS

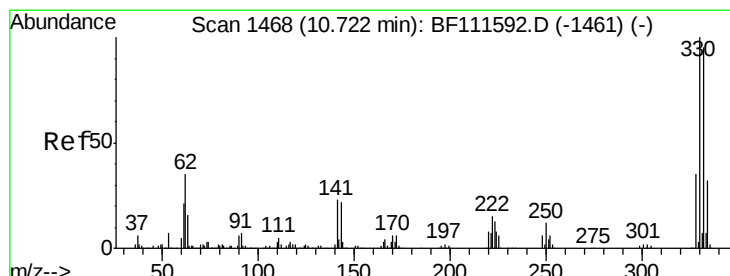
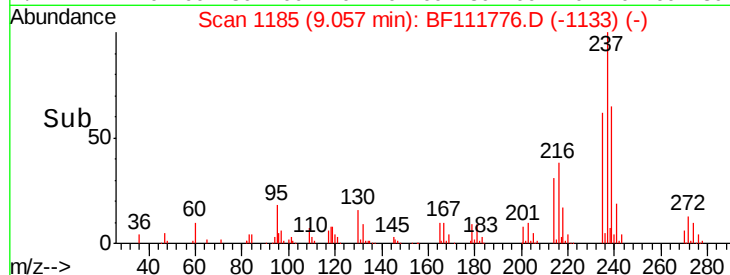
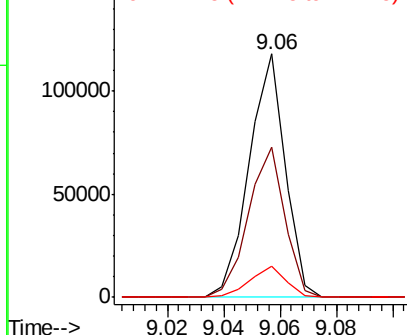
Tot Ion:	237	Resp:	104394
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.1	83.1
272	12.6	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 116.843 ng

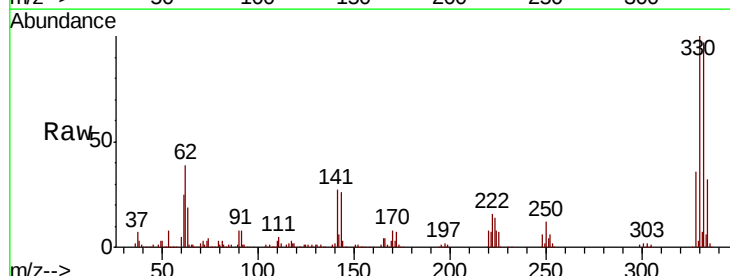
RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

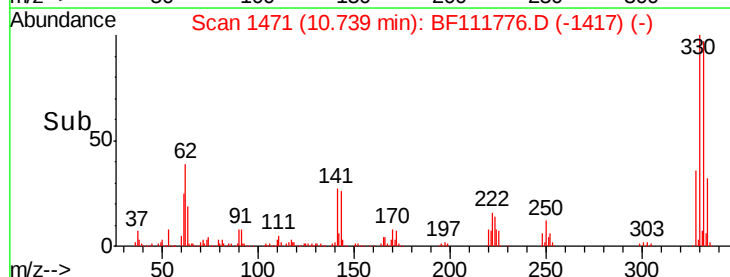
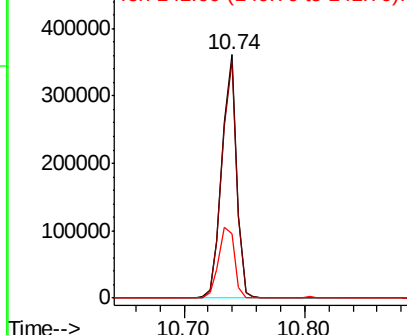
Lab File: BF111776.D

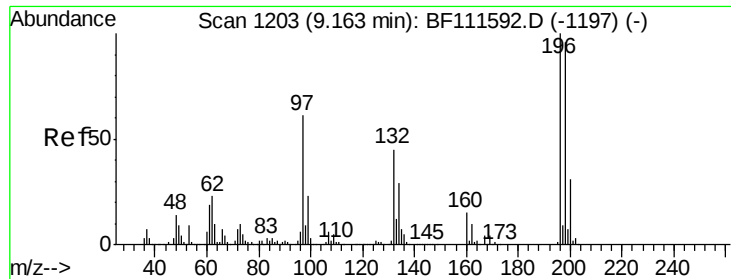
Acq: 27 Dec 2018 21:28

Tgt Ion:	330	Resp:	303766
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.0	114.0
141	31.6	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





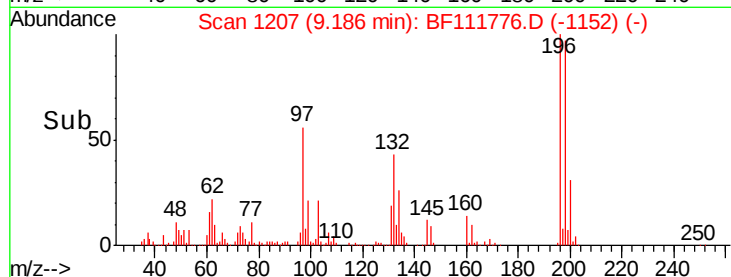
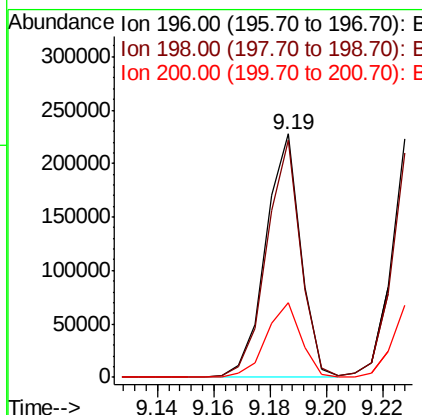
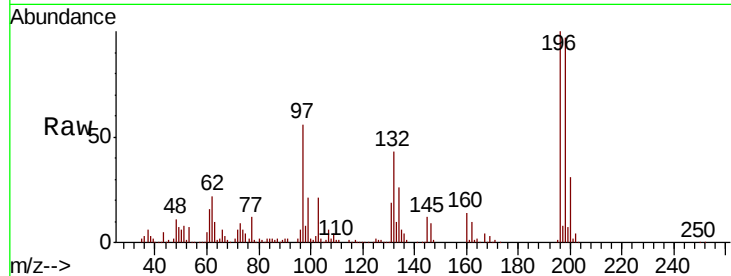
#43
2,4,6-Trichlorophenol
Concen: 40.535 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195671		
198	97.2	76.3	114.5	
200	30.9	24.9	37.3	

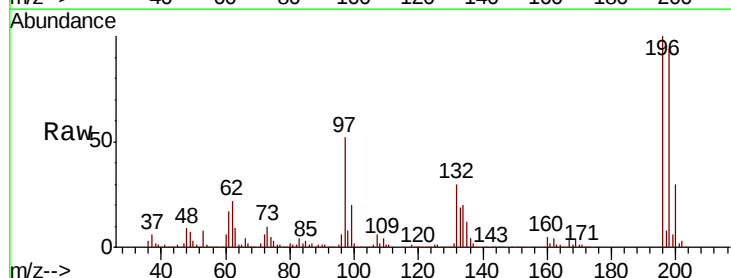
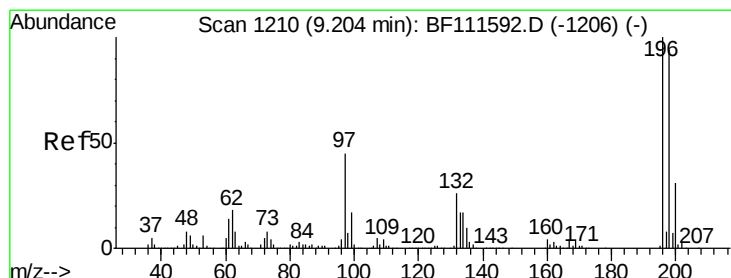
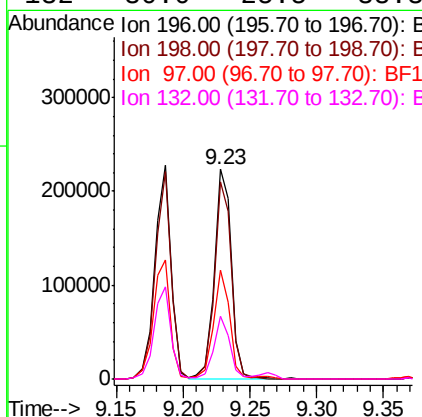
Manual Integrations
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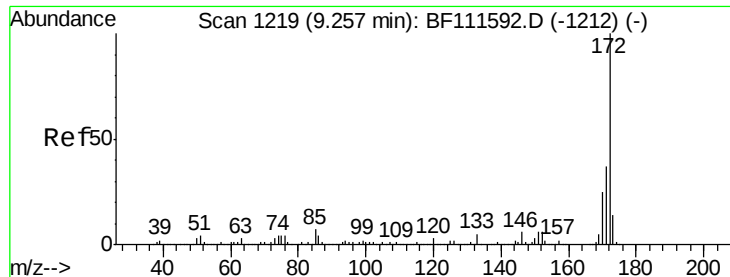
Sohil
12/28/2018 10:37:29 AM



#44
2,4,5-Trichlorophenol
Concen: 40.592 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201020		
198	93.9	72.9	109.3	
97	52.1	45.3	67.9	
132	30.0	25.5	38.3	





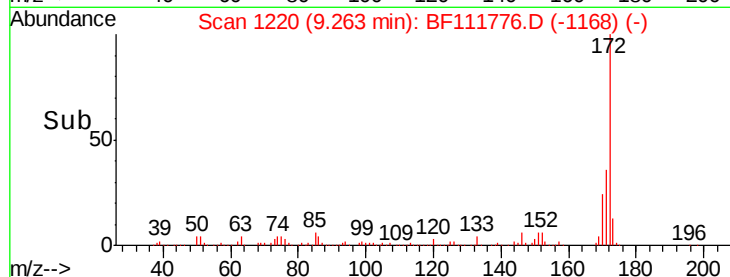
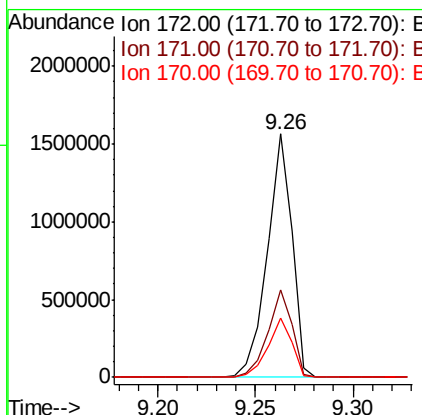
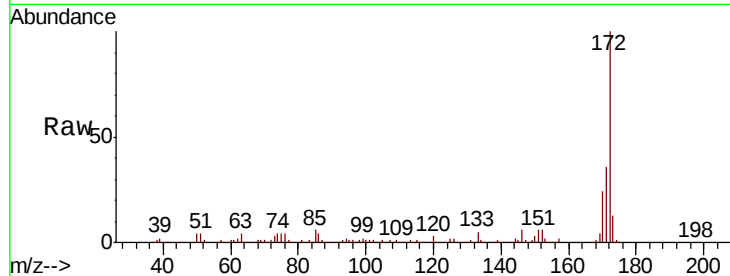
#45
2-Fluorobiphenyl
Concen: 90.647 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	33.0	49.4	
170	24.3	22.3	33.5	

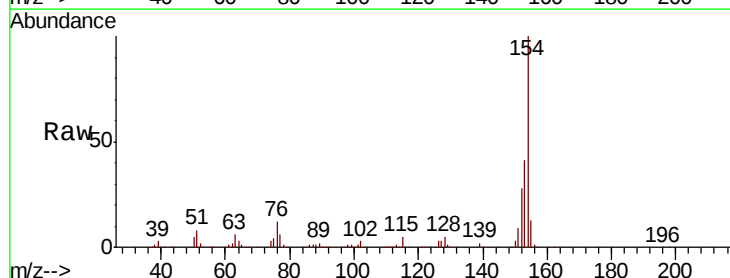
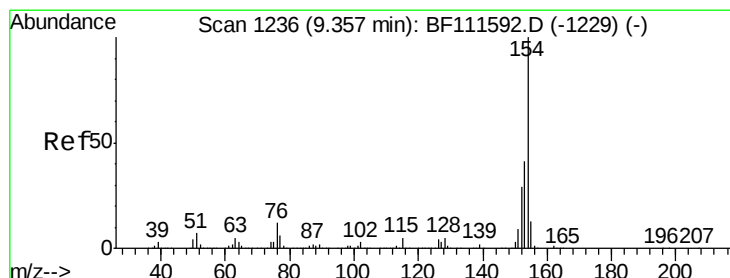
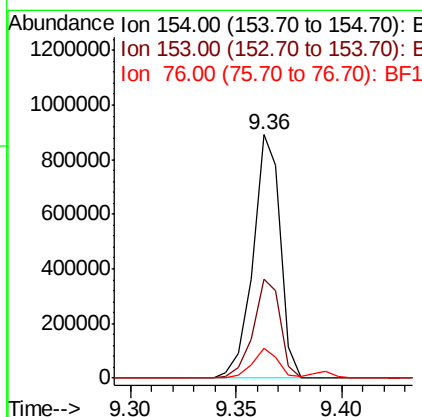
Manual Integrations
APPROVED

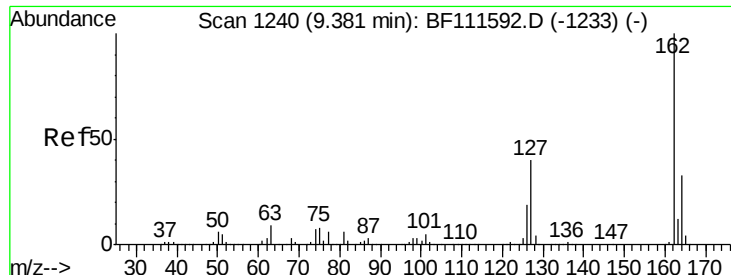
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#46
1,1'-Biphenyl
Concen: 42.894 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.8	23.7	63.7	
76	12.3	0.0	35.0	





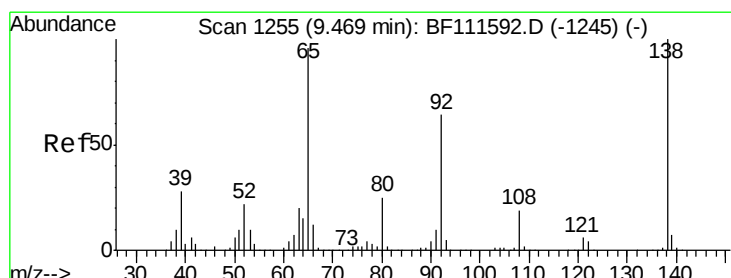
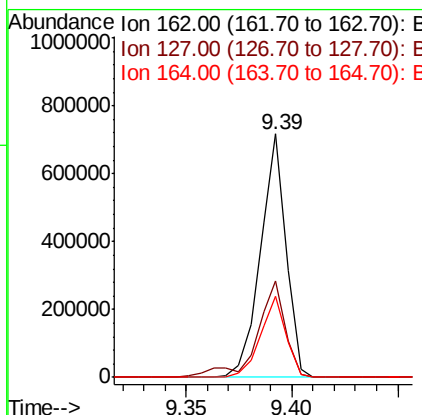
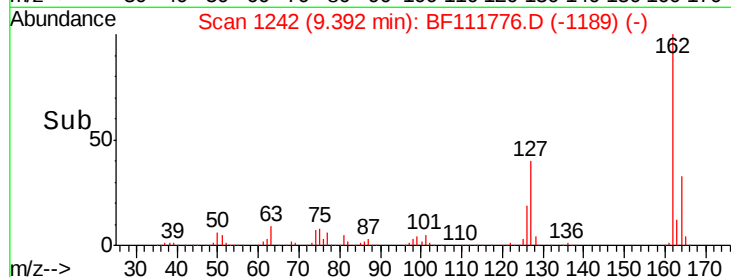
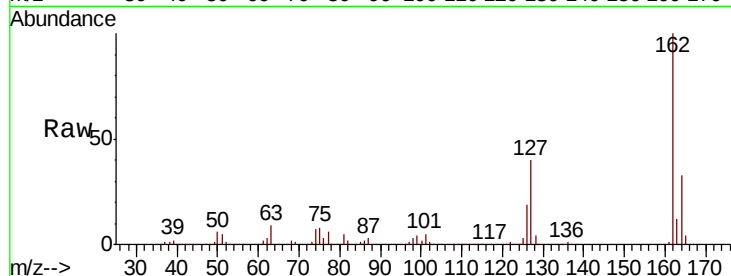
#47
2-Chloronaphthalene
Concen: 41.088 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	35.0	52.4
164	33.3	28.4	42.6

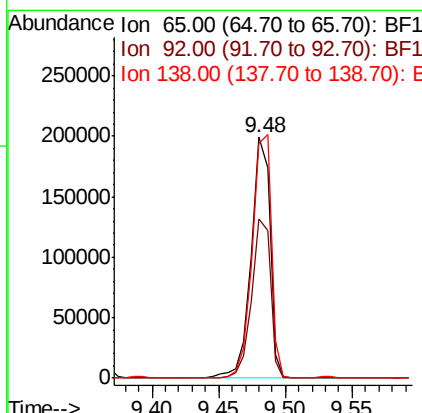
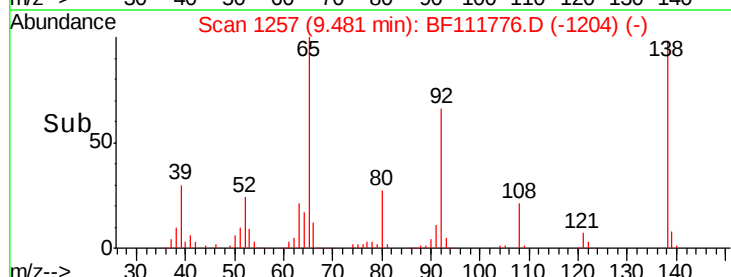
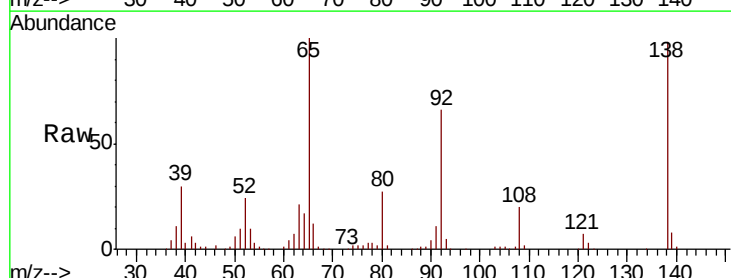
Manual Integrations
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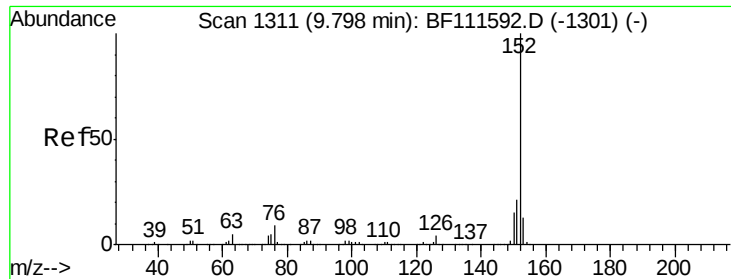
Sohil
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#48
2-Nitroaniline
Concen: 50.003 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.5	80.3
138	97.8	80.9	121.3





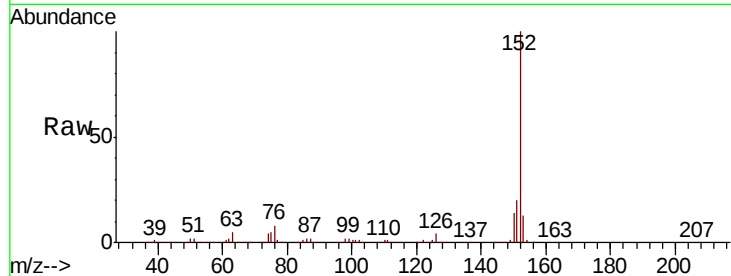
#49
Acenaphthylene
Concen: 43.696 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	18.0	27.0
153	13.1	12.3	18.5

Manual Integrations
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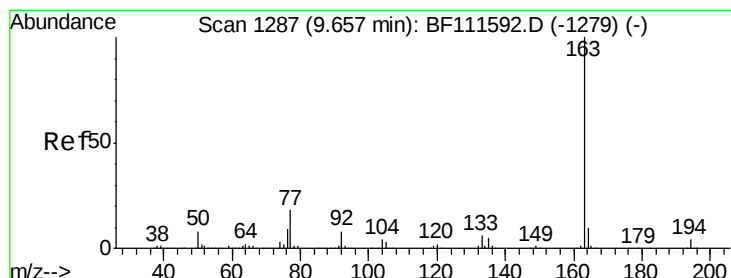
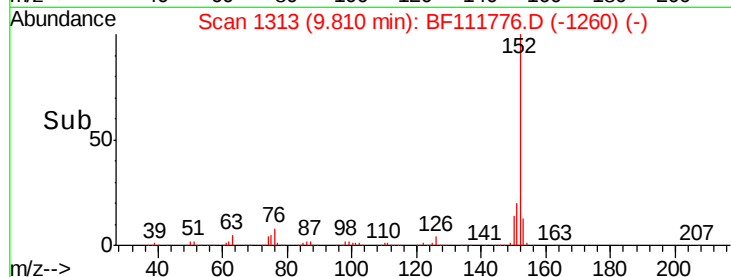
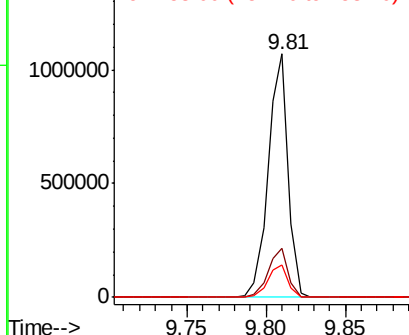


Abundance

Ion 152.00 (151.70 to 152.70): E

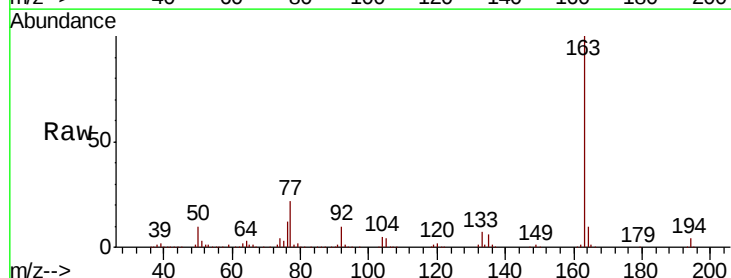
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 45.511 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.3	8.9	13.3

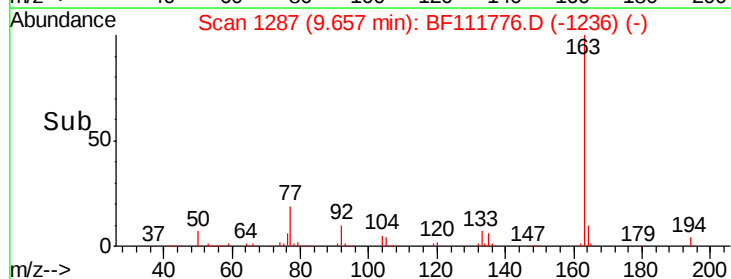
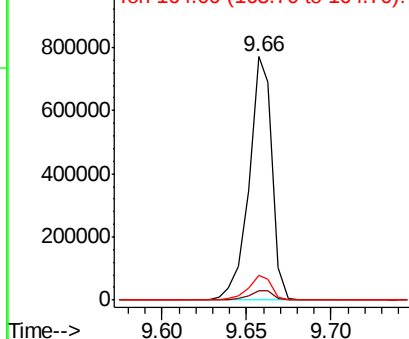


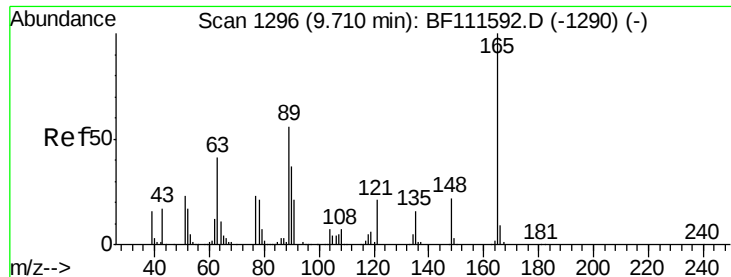
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





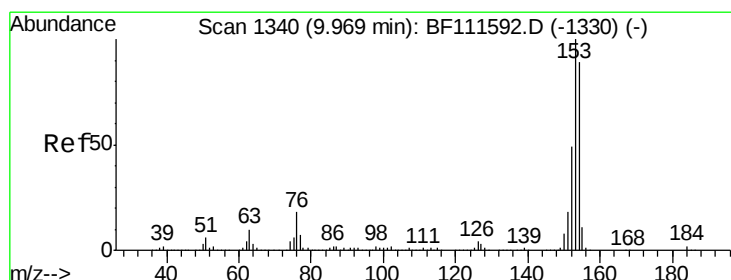
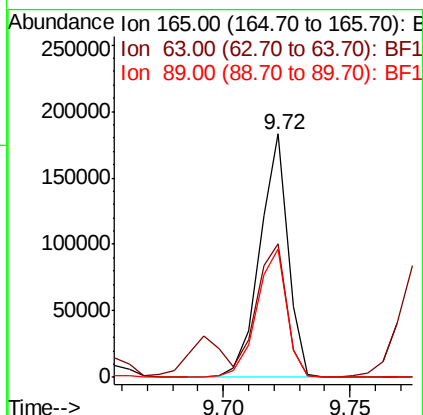
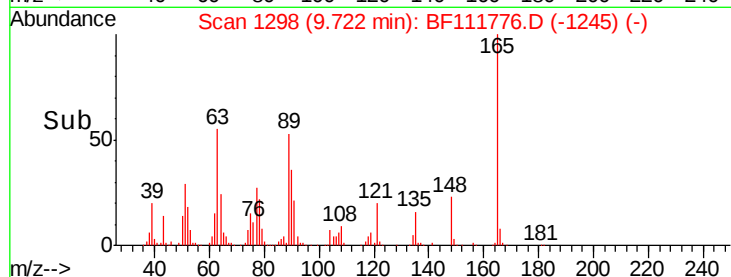
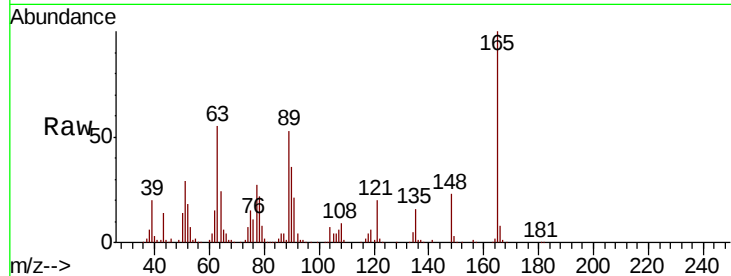
#51
2,6-Dinitrotoluene
Concen: 44.558 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	142956		
63	55.0	40.5	60.7	
89	52.7	40.0	60.0	

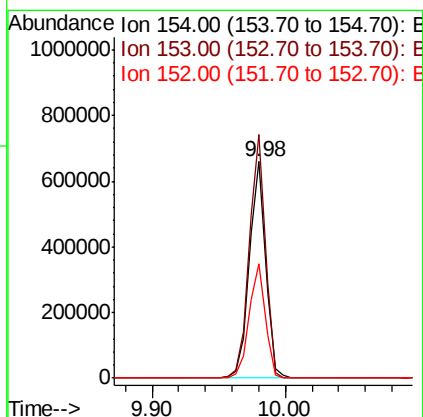
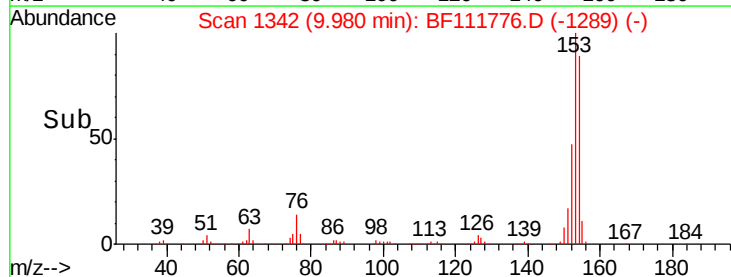
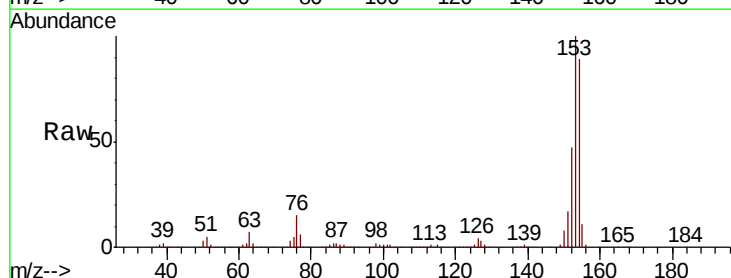
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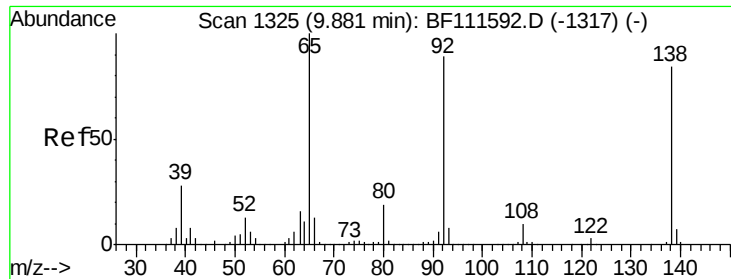
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#52
Acenaphthene
Concen: 41.447 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	549238		
153	112.4	87.8	131.8	
152	53.1	43.4	65.2	





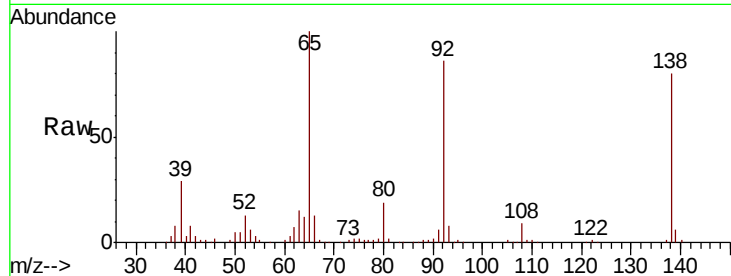
#53
 3-Nitroaniline
 Concen: 24.697 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

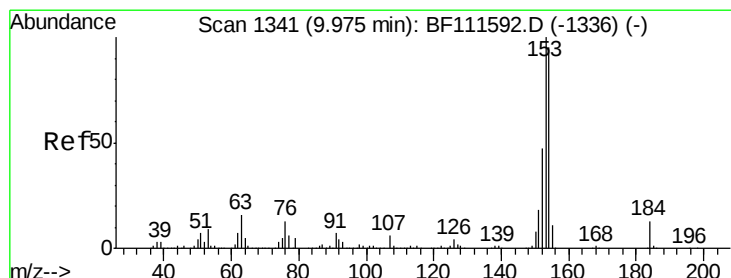
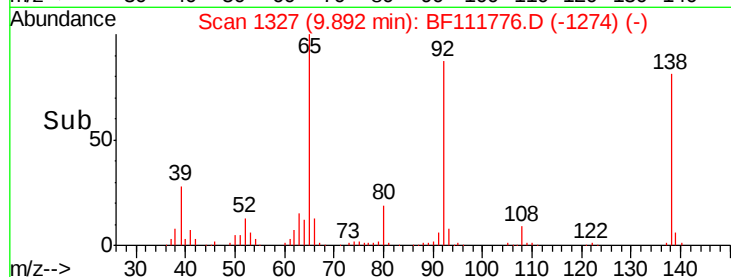
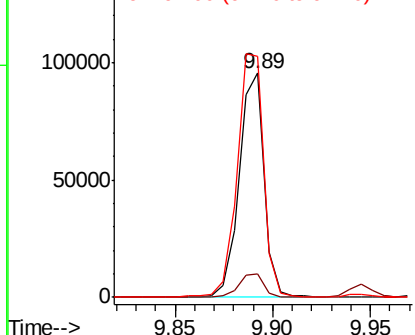
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	107.5	93.4	140.2

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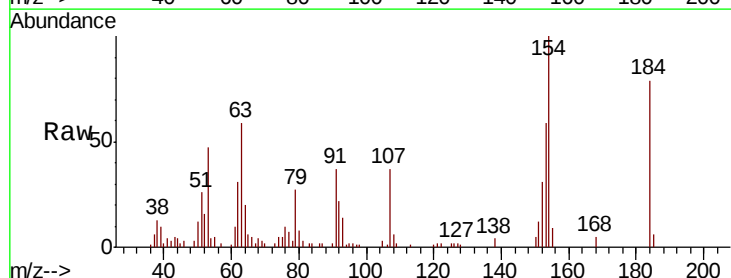


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

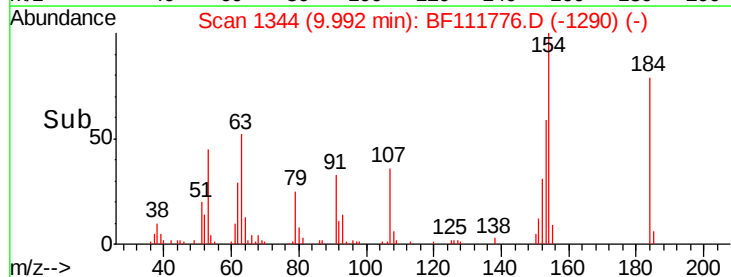
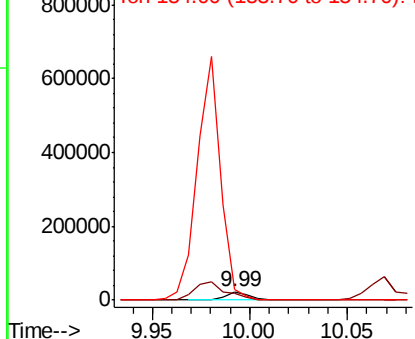


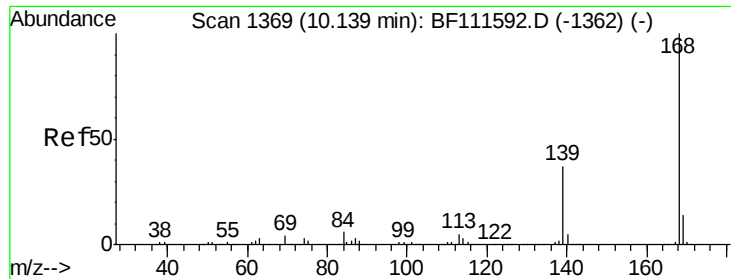
#54
 2,4-Dinitrophenol
 Concen: 24.293 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	62.3	93.5
154	126.6	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





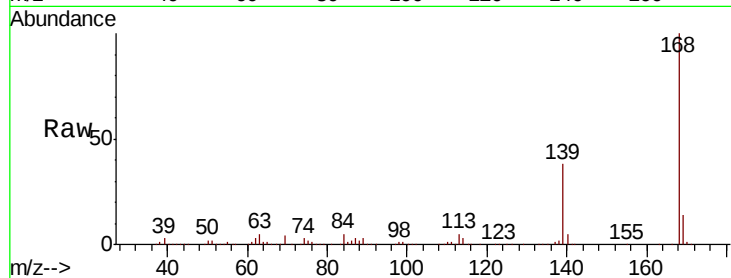
#55
Dibenzofuran
Concen: 41.556 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	32.6	49.0
169	13.5	11.8	17.6

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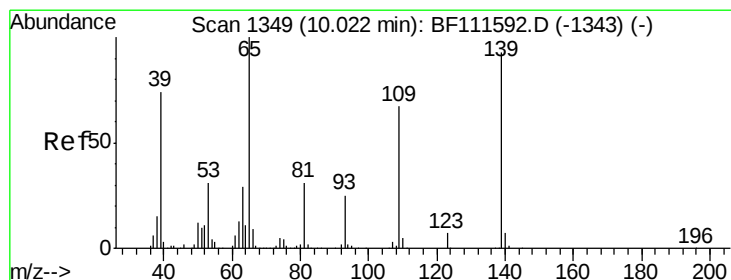
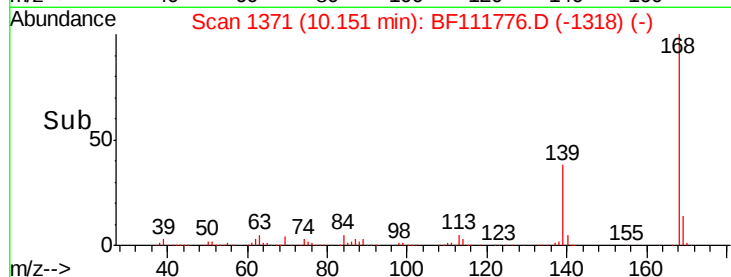
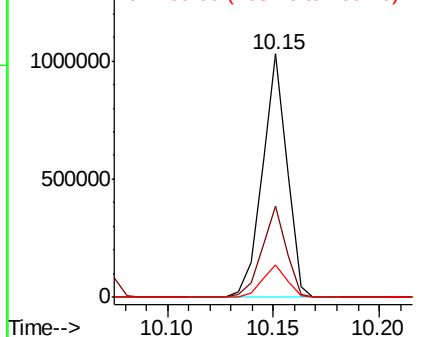


Abundance

Ion 168.00 (167.70 to 168.70): E

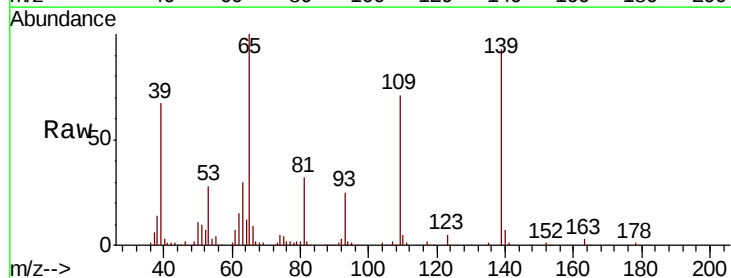
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 64.507 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	41.8	81.8
65	107.6	79.6	119.6

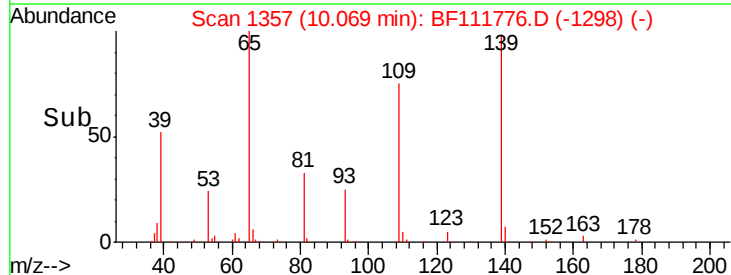
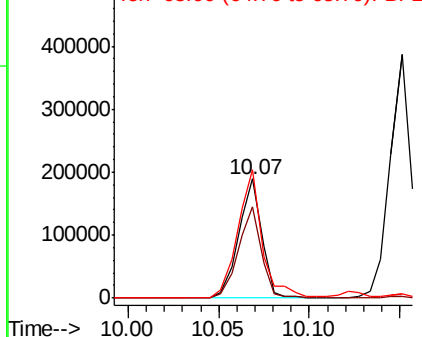


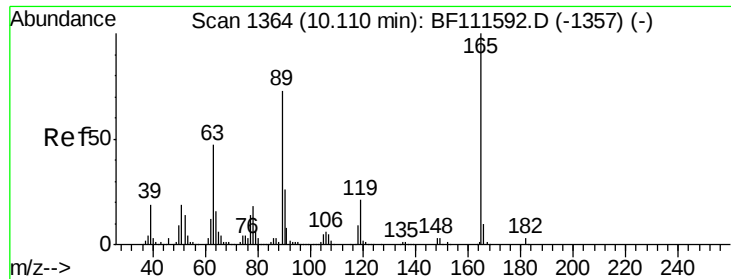
Abundance

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





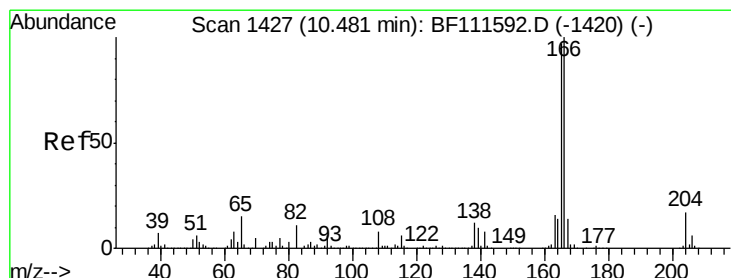
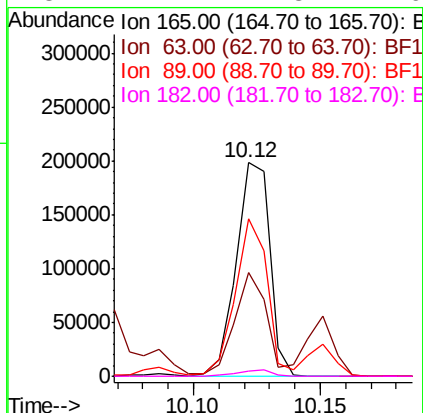
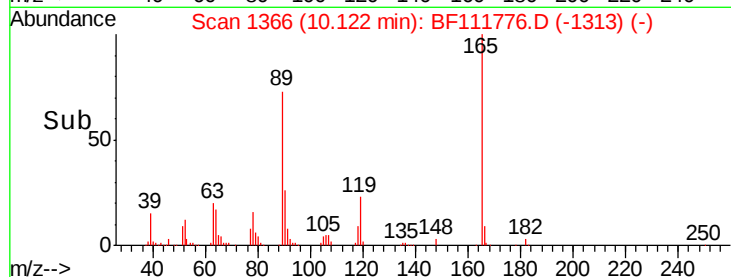
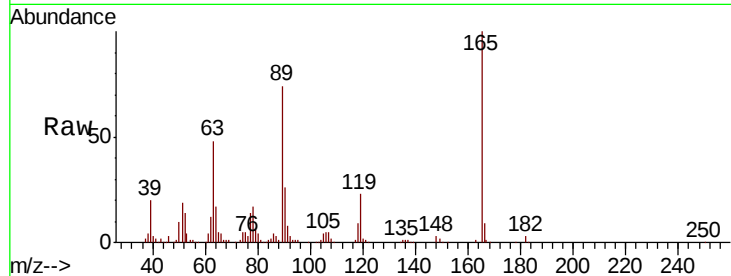
#57
2,4-Dinitrotoluene
Concen: 47.431 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	182894		
63	48.5	34.6	52.0	
89	73.6	56.2	84.4	
182	2.7	1.8	2.6	

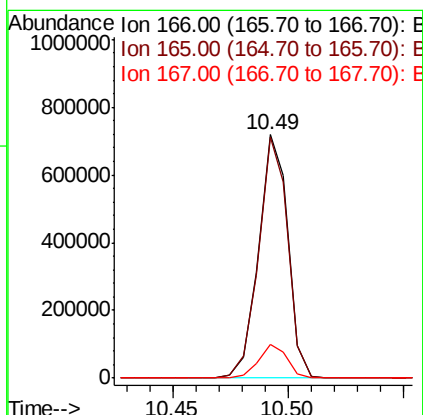
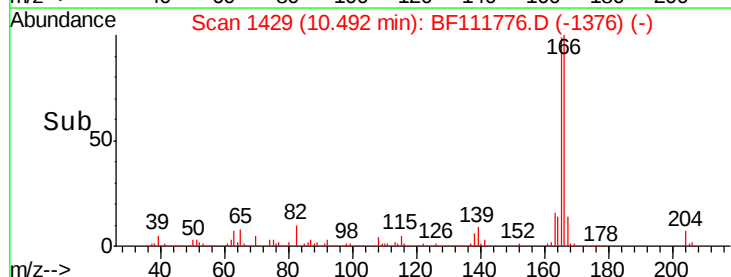
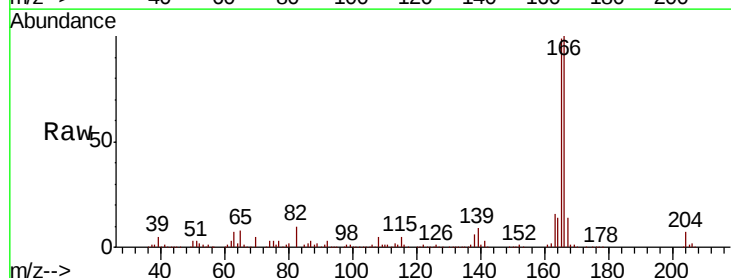
Manual Integrations
APPROVED

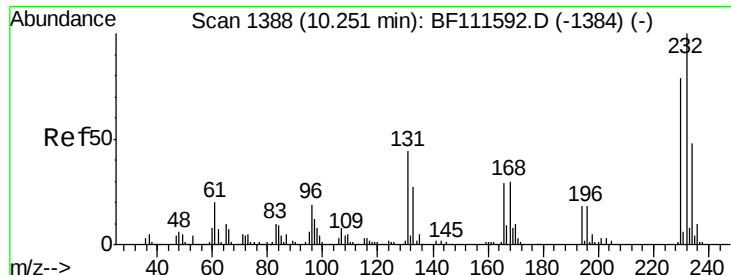
Sohil
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#58
Fluorene
Concen: 44.051 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	635508		
165	99.0	78.4	117.6	
167	13.7	11.2	16.8	





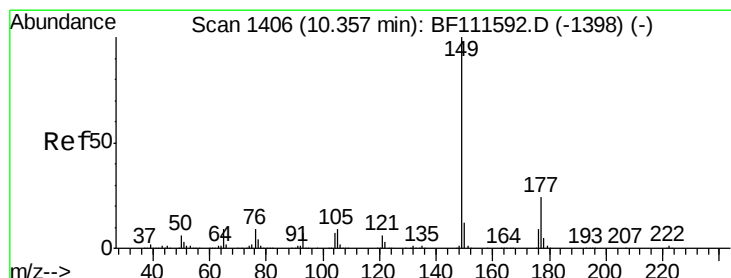
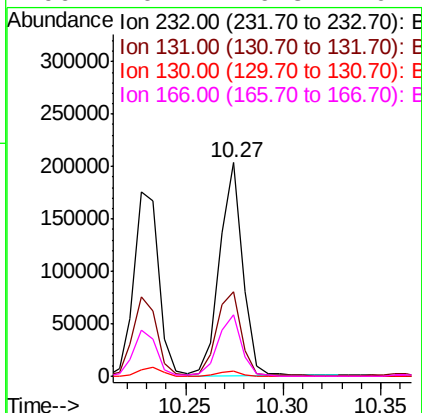
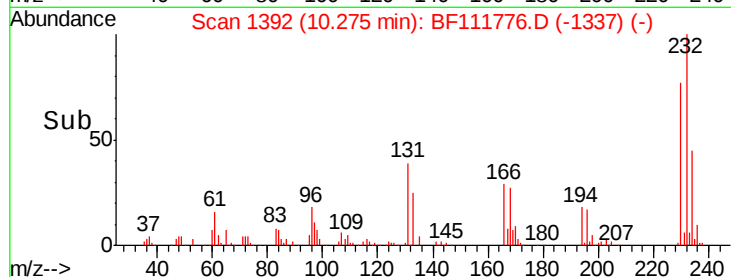
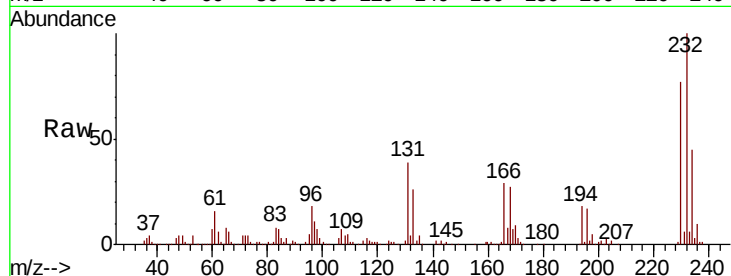
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.061 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166956		
131	43.3	40.9	61.3	
130	2.2	2.0	3.0	
166	29.7	26.8	40.2	

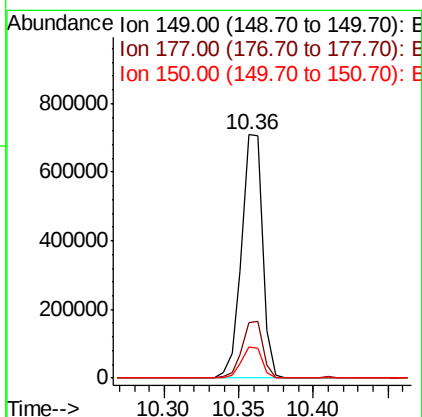
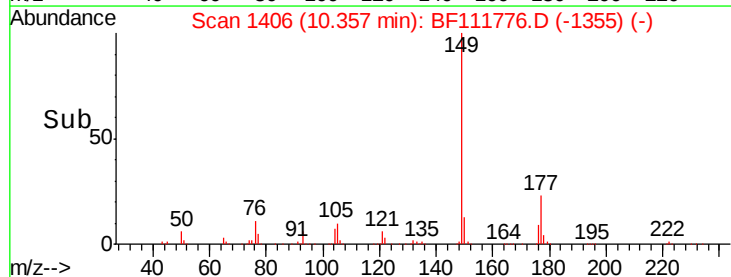
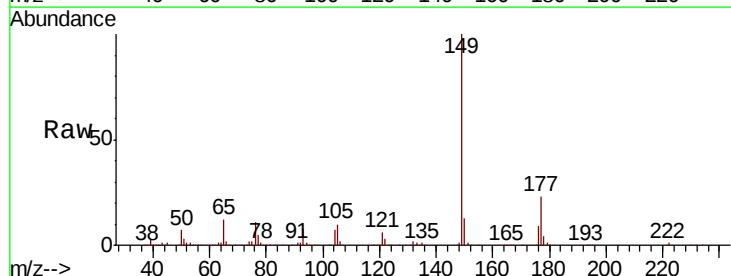
Manual Integrations
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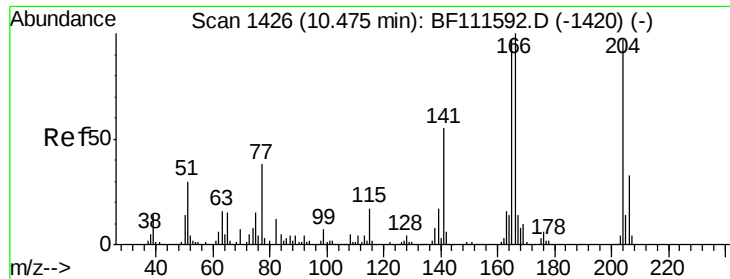
Sohil
12/28/2018 10:37:29 AM



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	694415		
177	22.7	18.3	27.5	
150	13.0	10.6	15.8	





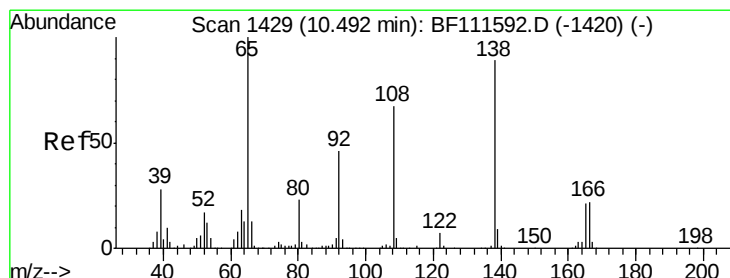
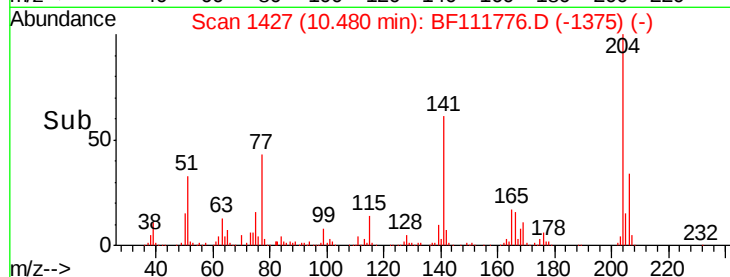
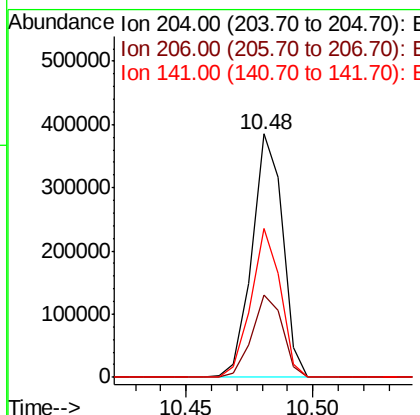
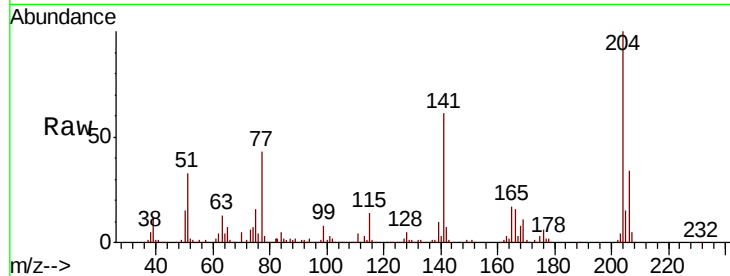
#61
4-Chlorophenyl-phenylether
Concen: 40.880 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	61.2	52.6	78.8

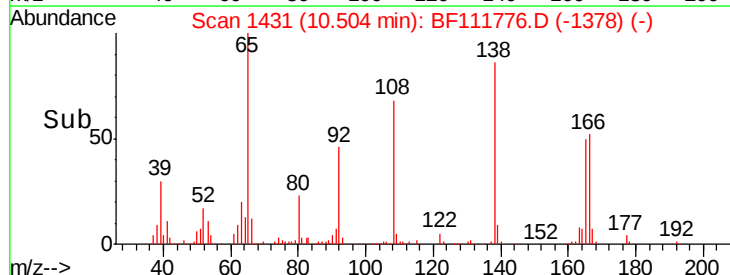
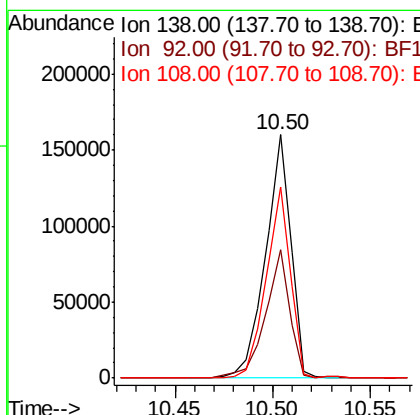
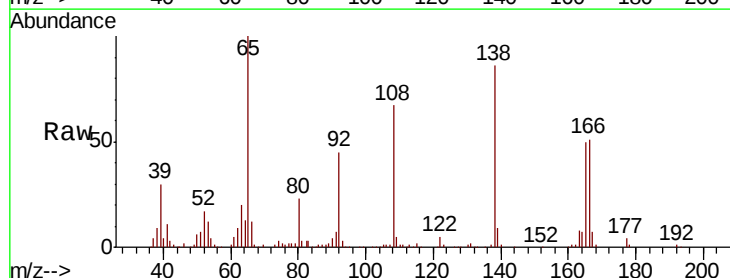
Manual Integrations
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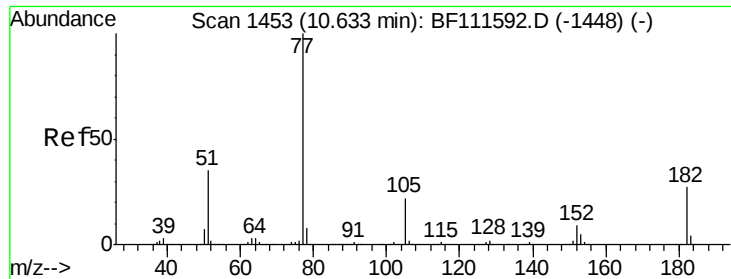
Sohil
12/28/2018 10:37:29 AM



#62
4-Nitroaniline
Concen: 43.356 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	29.9	69.9
108	78.7	43.2	83.2





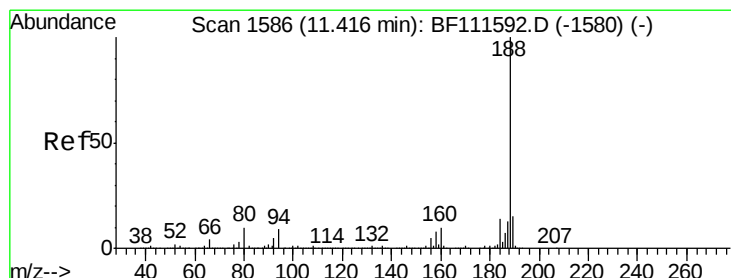
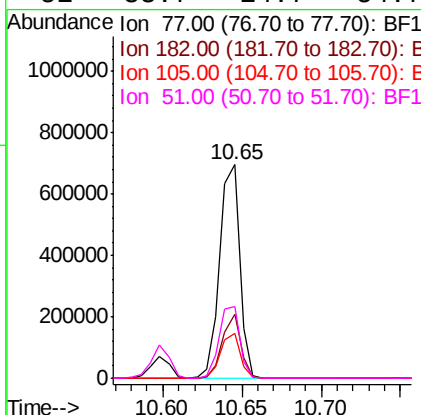
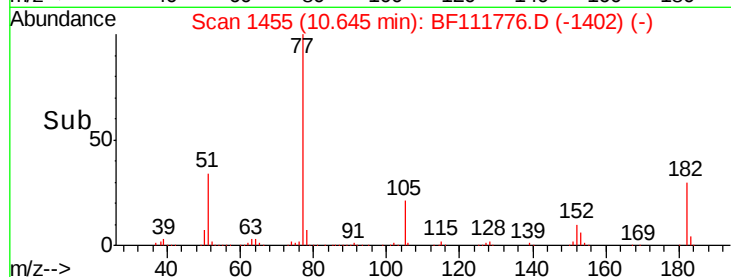
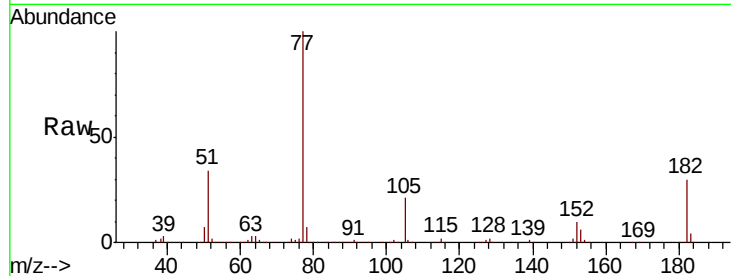
#63
Azobenzene
Concen: 38.607 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		611737		
182	29.8	4.9	44.9		
105	21.3	6.0	46.0		
51	33.7	14.7	54.7		

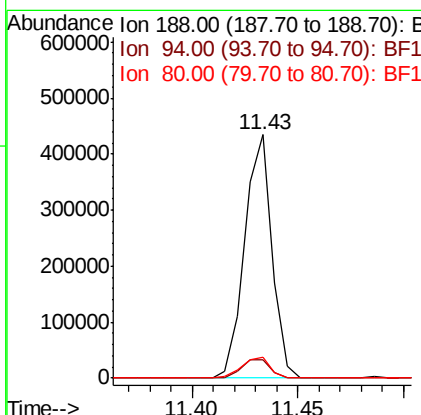
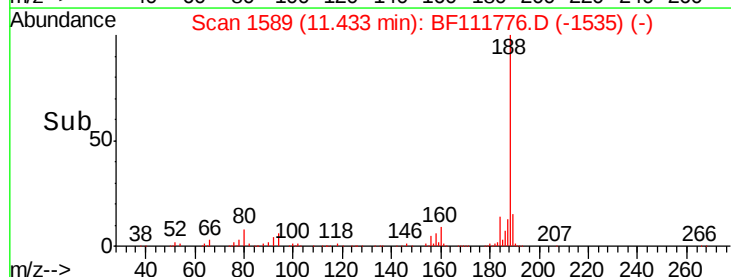
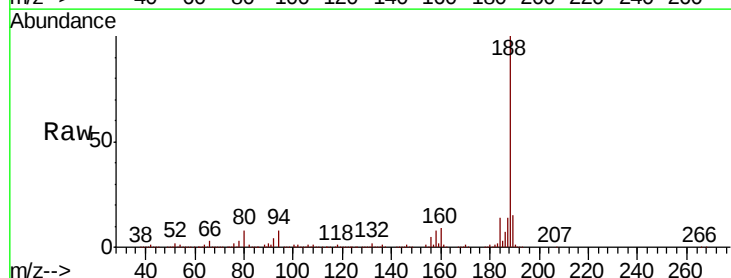
Manual Integrations
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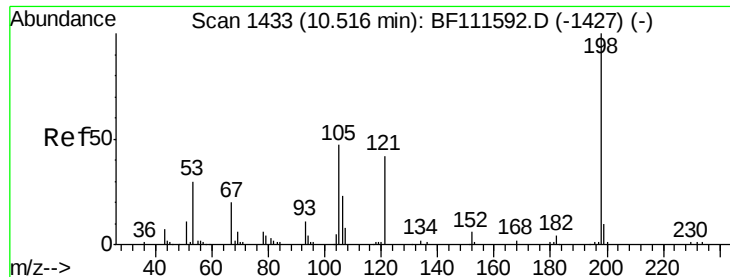
Sohil
12/28/2018 10:37:29 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		389084		
94	7.7	9.6	14.4#		
80	8.4	9.8	14.6#		





#65

4,6-Dinitro-2-methylphenol

Concen: 15.912 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

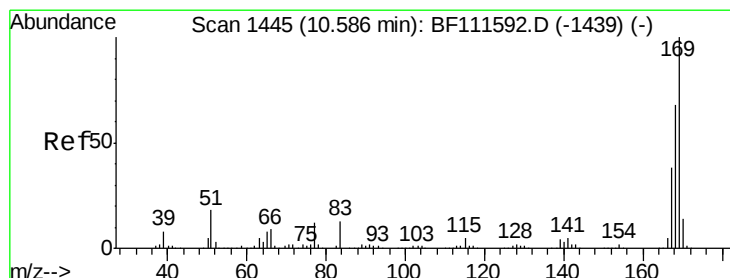
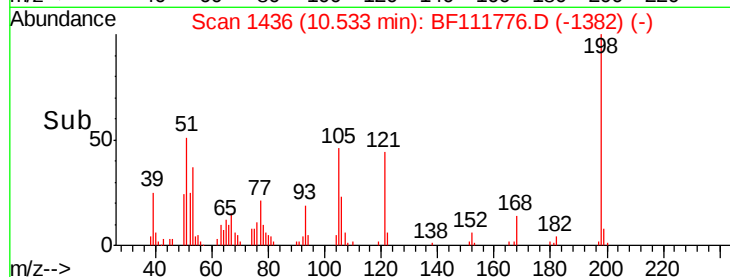
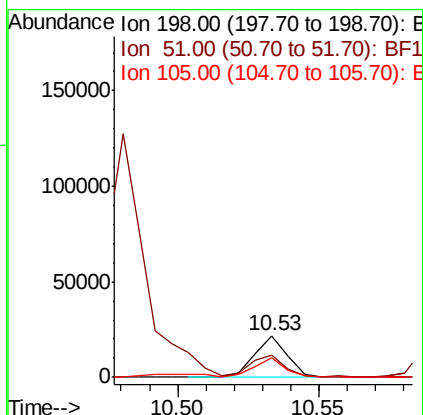
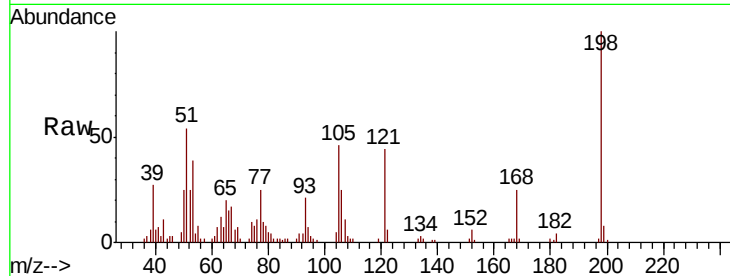
ClientSampleId :

BU-03-122118MS

Tot Ion:	198	Resp:	17227
Ion Ratio	Lower	Upper	
198	100		
51	54.1	48.0	88.0
105	46.1	34.0	74.0

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#66

n-Nitrosodiphenylamine

Concen: 42.132 ng

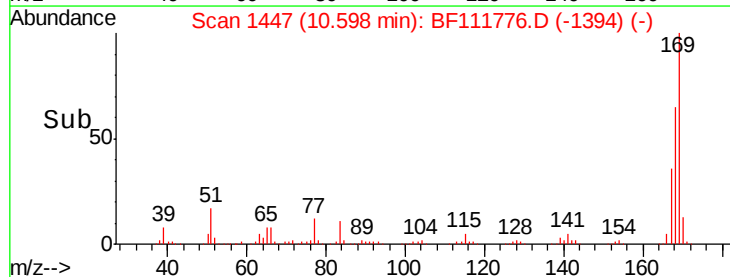
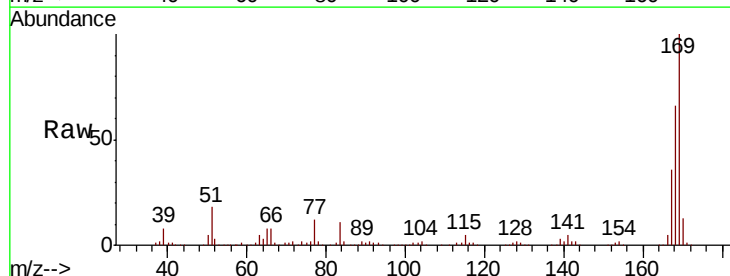
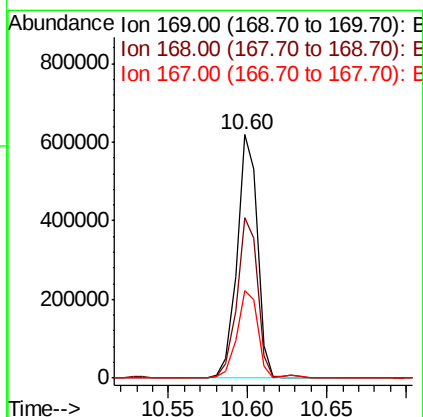
RT: 10.60 min Scan# 1447

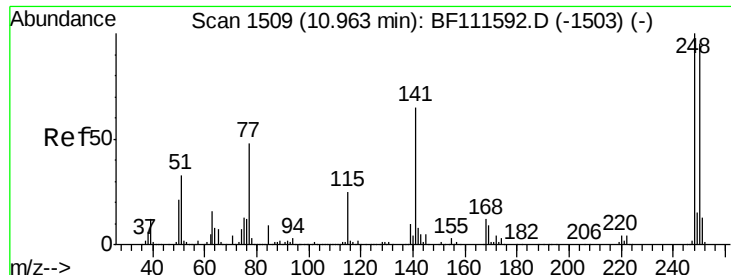
Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	169	Resp:	550283
Ion Ratio	Lower	Upper	
169	100		
168	65.7	54.4	81.6
167	35.7	30.5	45.7





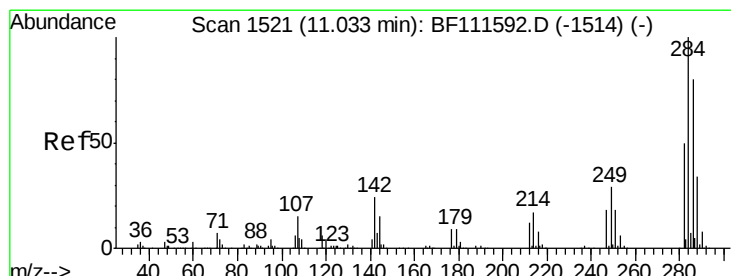
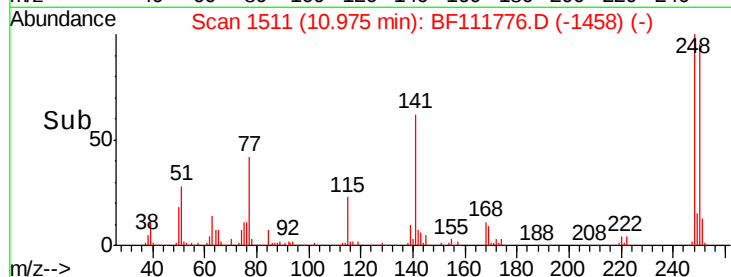
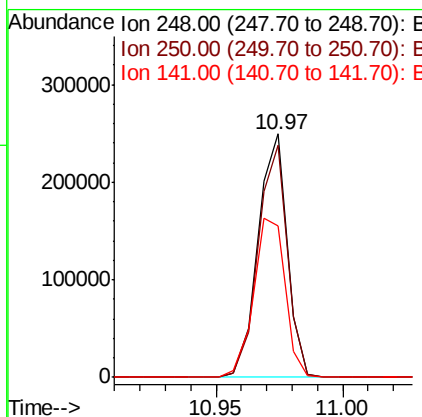
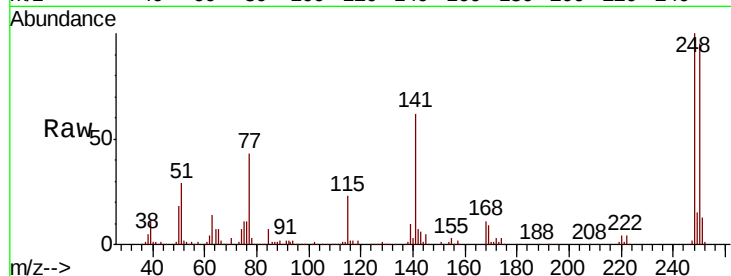
#67
 4-Bromophenyl-phenylether
 Concen: 41.687 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.0	115.4
141	62.0	63.0	94.6#

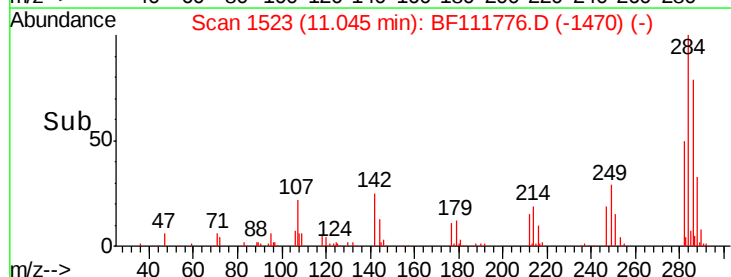
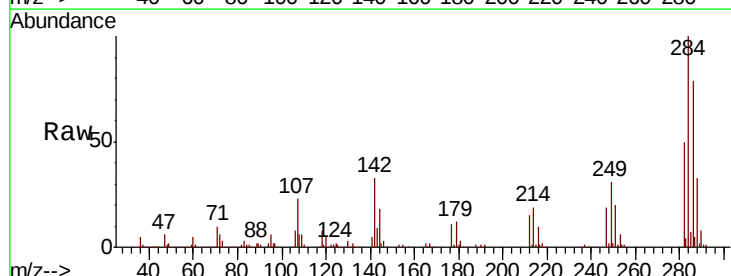
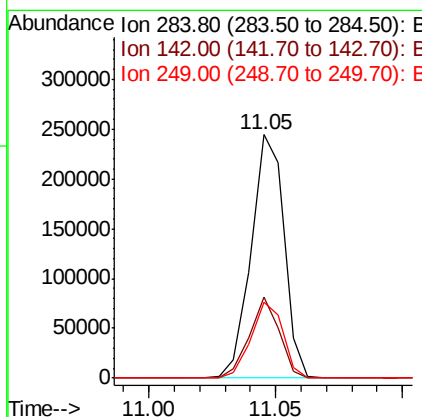
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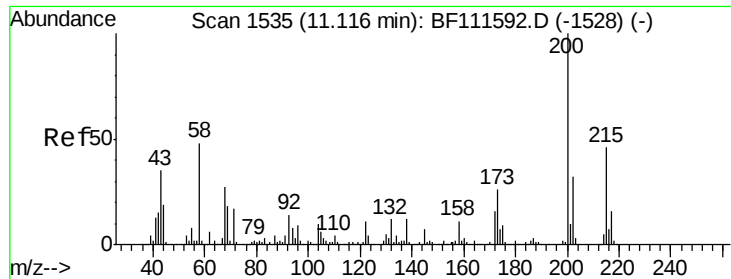
Sohil
 12/28/2018 10:37:29 AM



#68
 Hexachlorobenzene
 Concen: 41.260 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.4	41.2
249	31.1	24.4	36.6





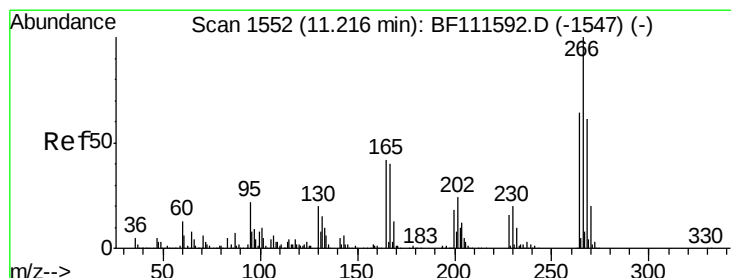
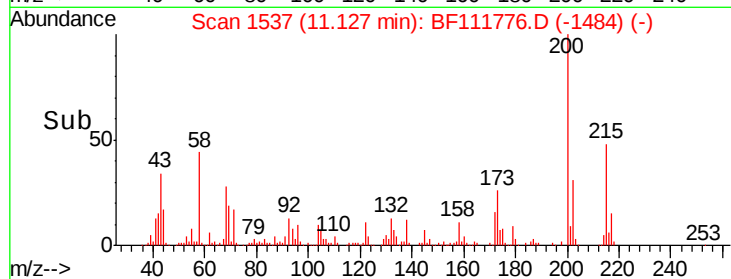
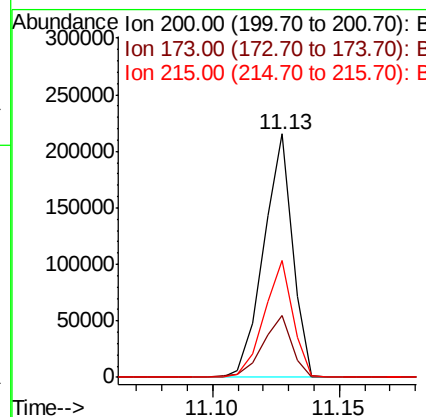
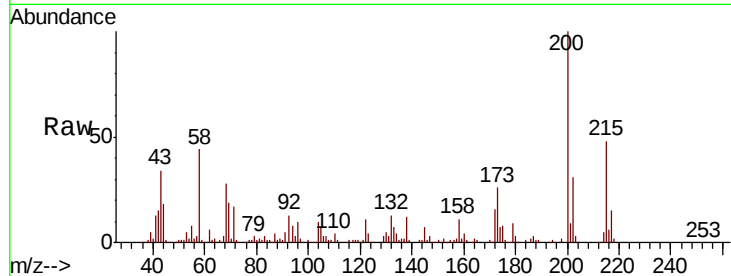
#69
Atrazine
Concen: 37.927 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	10.1	50.1
215	48.0	26.9	66.9

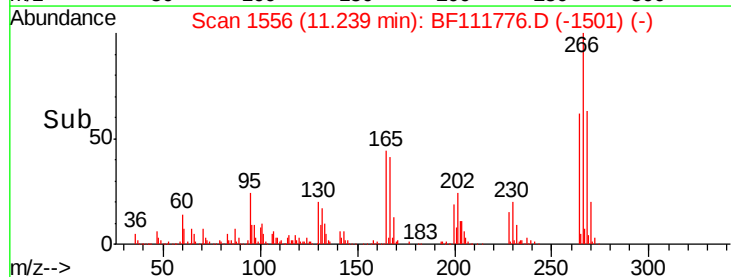
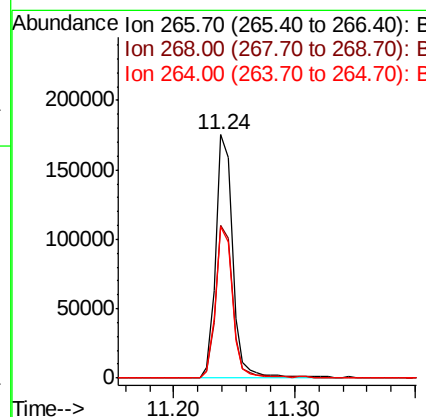
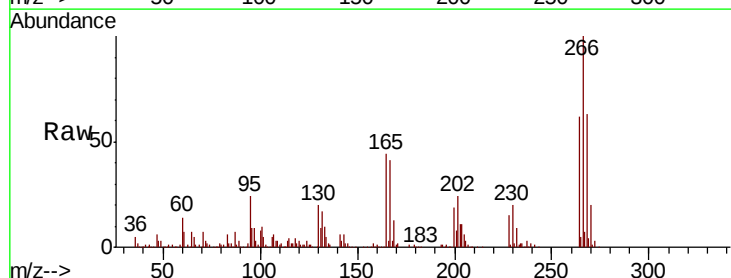
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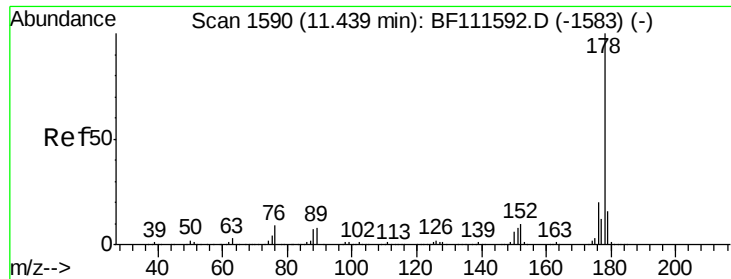
Sohil
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#70
Pentachlorophenol
Concen: 51.455 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.9	71.9
264	62.1	49.1	73.7





#71

Phenanthrene

Concen: 44.283 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

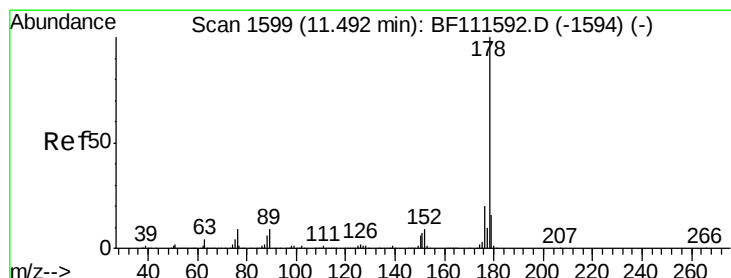
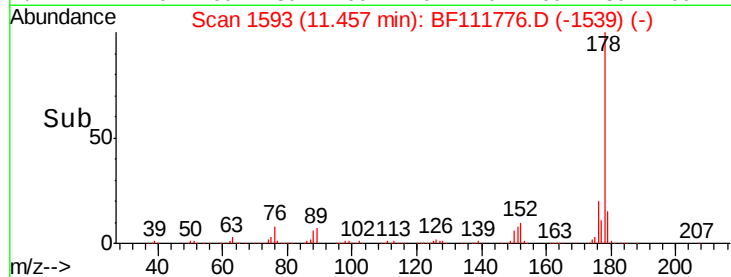
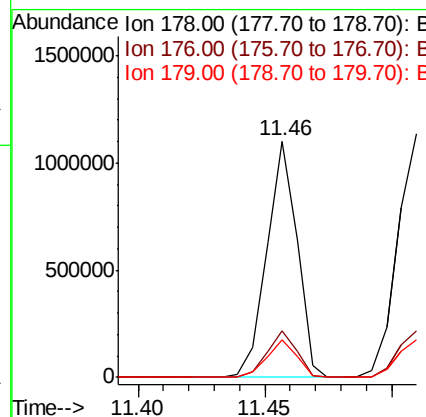
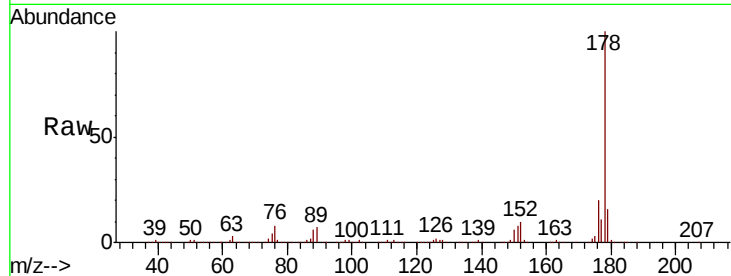
ClientSampleId :

BU-03-122118MS

Tot Ion:	178	Resp:	913769
Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	15.9	14.0	21.0

Manual Integrations
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#72

Anthracene

Concen: 45.232 ng

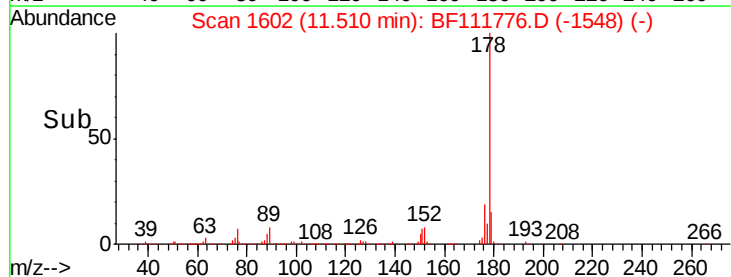
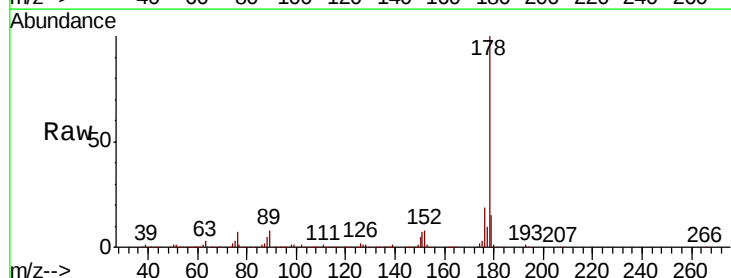
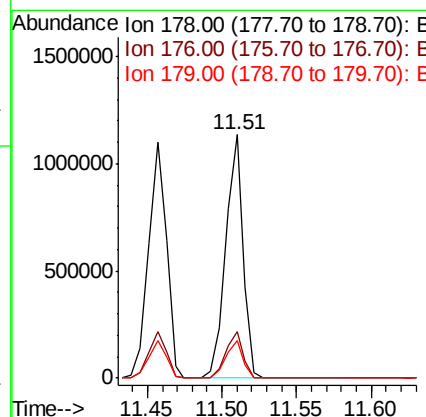
RT: 11.51 min Scan# 1602

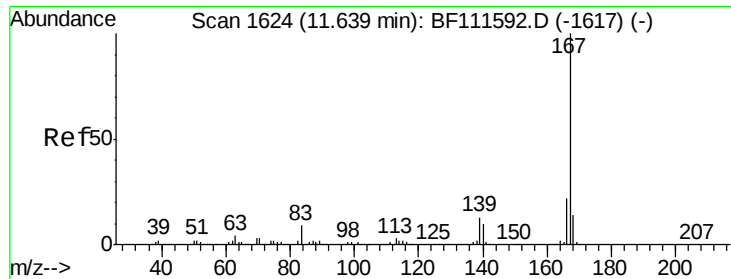
Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	178	Resp:	936823
Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	15.3	13.8	20.8





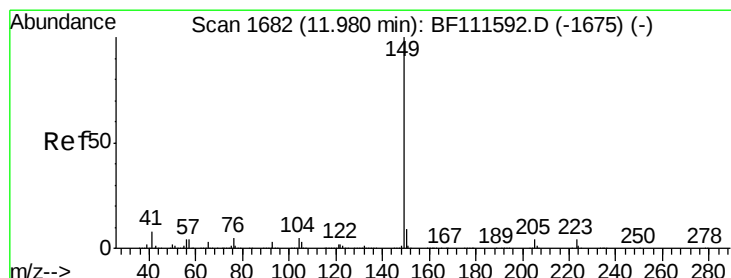
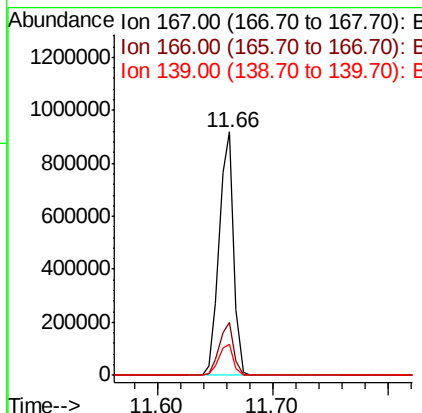
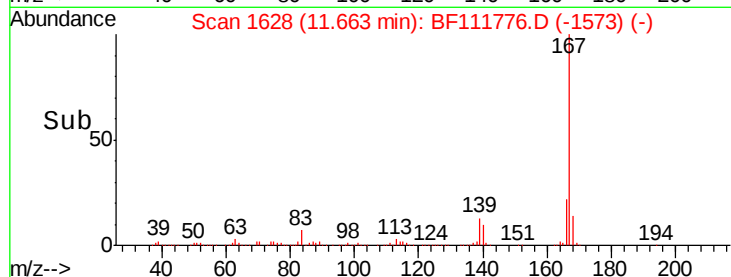
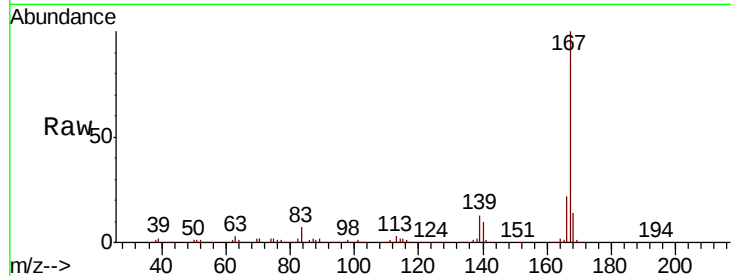
#73
 Carbazole
 Concen: 39.864 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		801607		
166	21.5		19.3	28.9	
139	12.9		11.9	17.9	

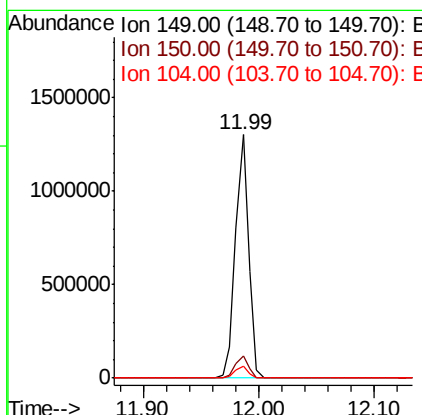
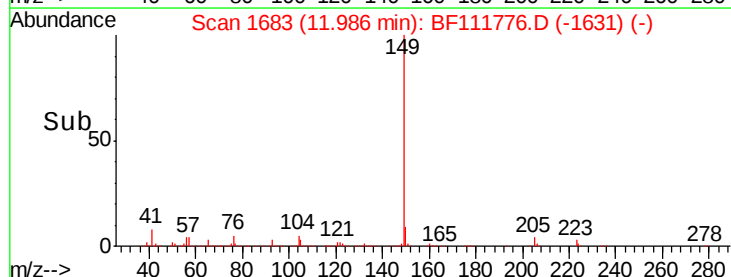
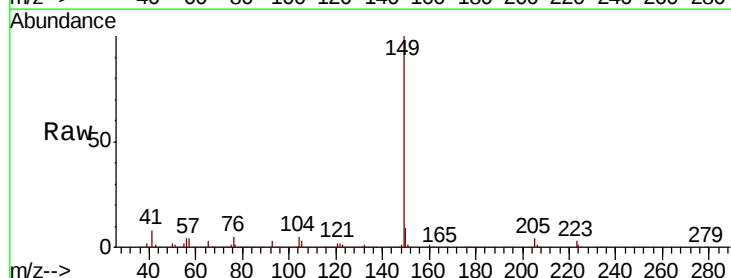
Manual Integrations
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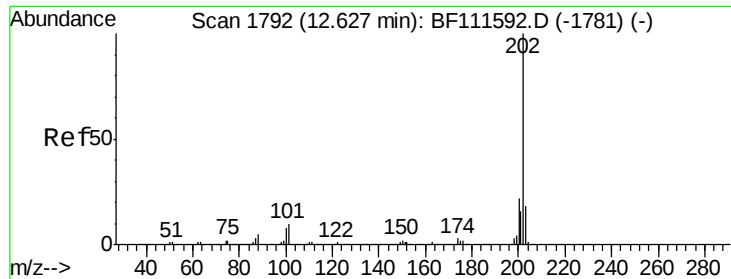
Sohil
 12/28/2018 10:37:29 AM



#74
 Di-n-butylphthalate
 Concen: 45.579 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1027595		
150	9.2		8.8	13.2	
104	4.8		4.5	6.7	





#75

Fluoranthene

Concen: 45.717 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

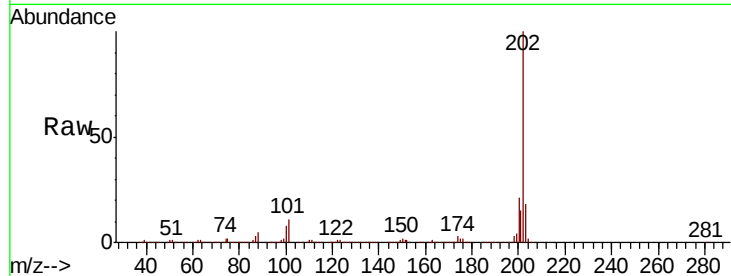
ClientSampleId :

BU-03-122118MS

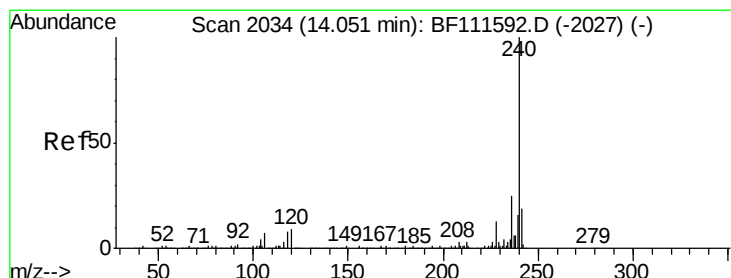
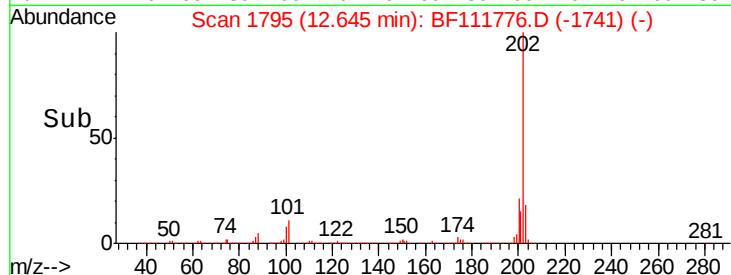
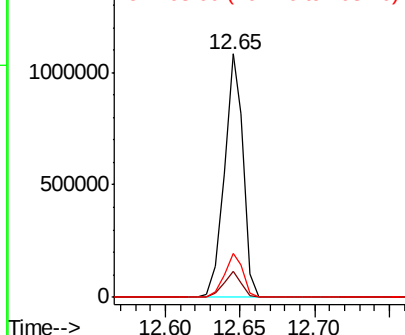
Tot Ion:	202	Resp:	955278
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	33.8
203	17.8	0.0	38.6

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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

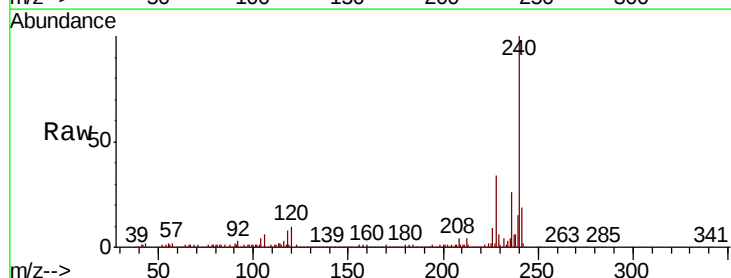
RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

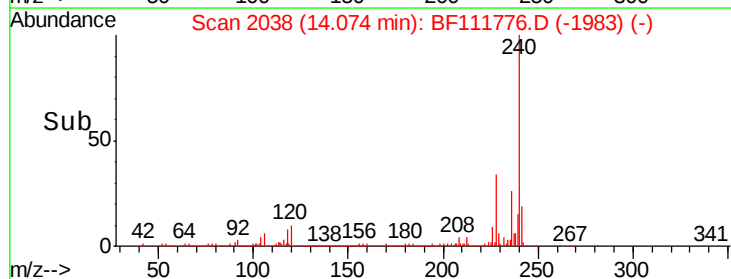
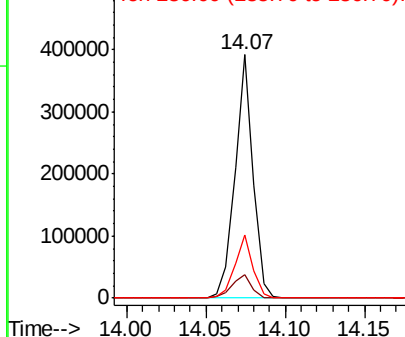
Lab File: BF111776.D

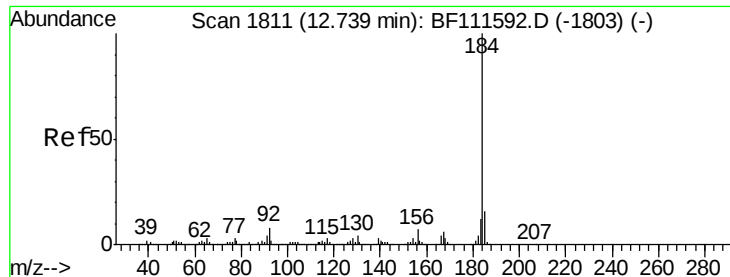
Acq: 27 Dec 2018 21:28

Tgt Ion:	240	Resp:	306732
Ion Ratio	Lower	Upper	
240	100		
120	9.9	12.2	18.2#
236	25.7	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: 12.992 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

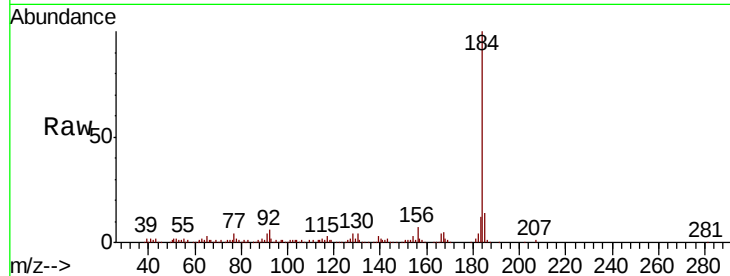
ClientSampleId :

BU-03-122118MS

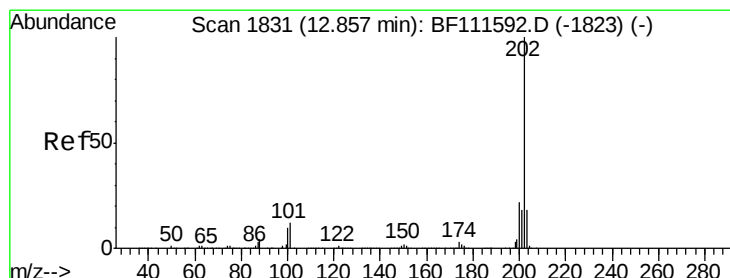
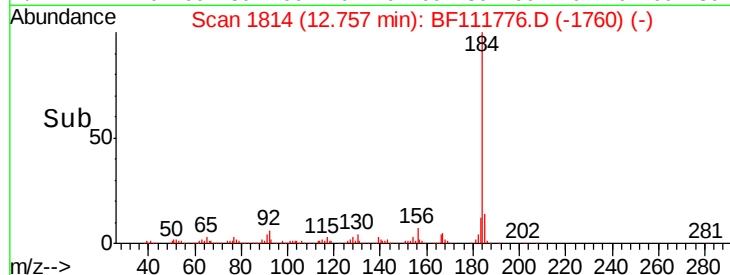
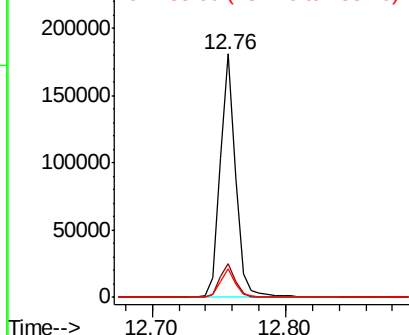
Tot Ion:	184	Resp:	149956
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.0	19.6
183	11.6	9.3	13.9

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



#78

Pyrene

Concen: 44.267 ng

RT: 12.87 min Scan# 1834

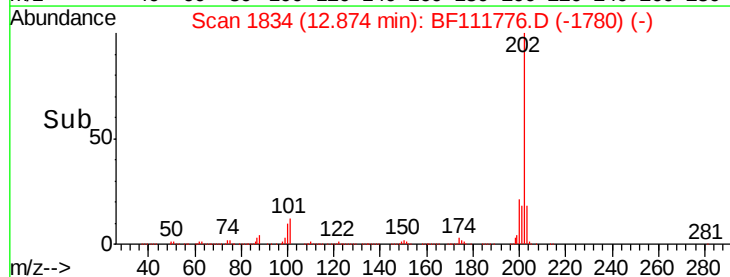
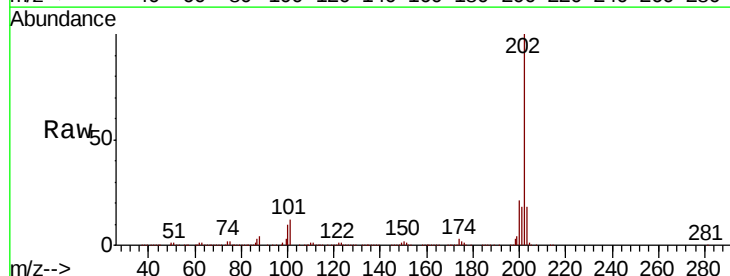
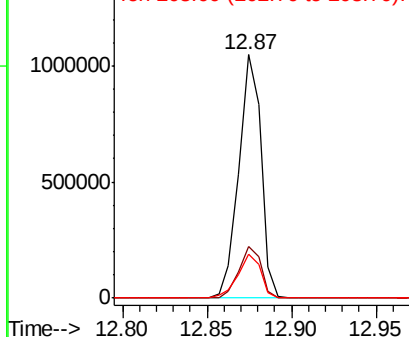
Delta R.T. 0.02 min

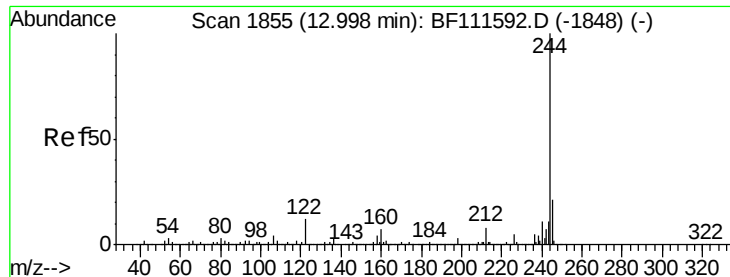
Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	202	Resp:	958844
Ion Ratio	Lower	Upper	
202	100		
200	21.0	19.0	28.4
203	18.1	15.2	22.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.863 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

Tot Ion:244 Resp: 1372600

Ion Ratio Lower Upper

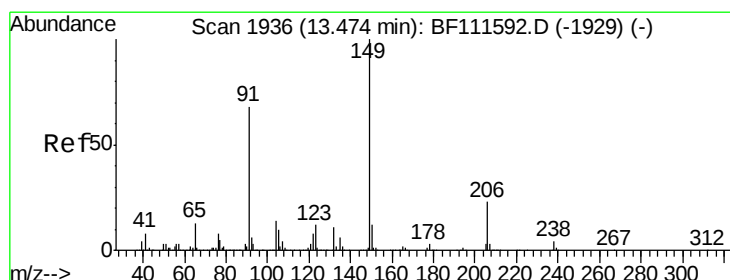
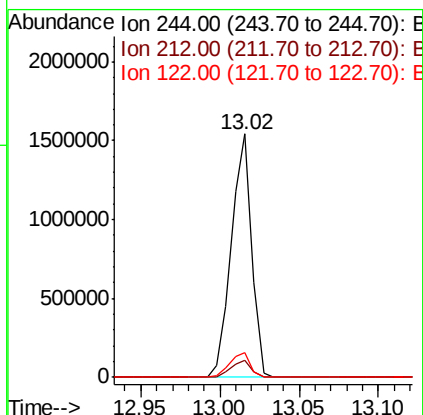
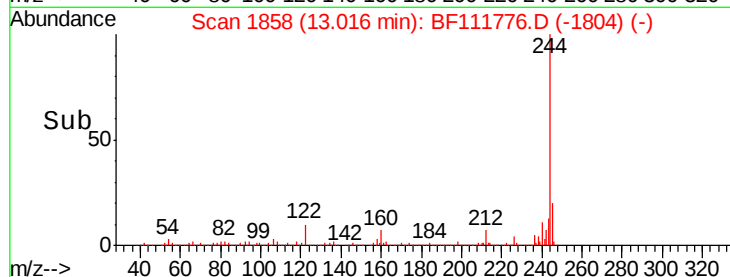
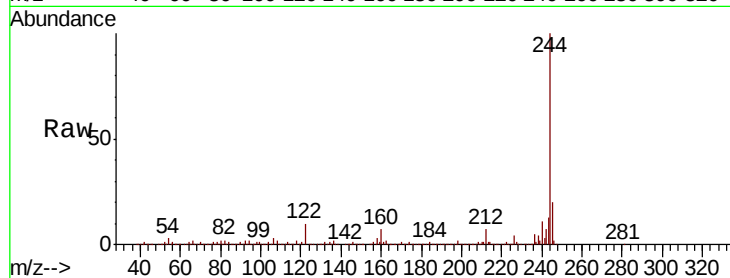
244 100

212 7.0 5.7 8.5

122 10.2 13.1 19.7#

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#80

Butylbenzylphthalate

Concen: 48.042 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

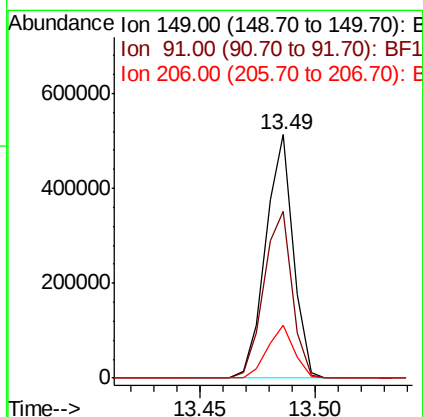
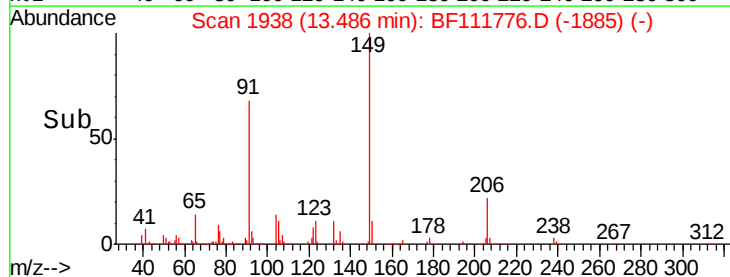
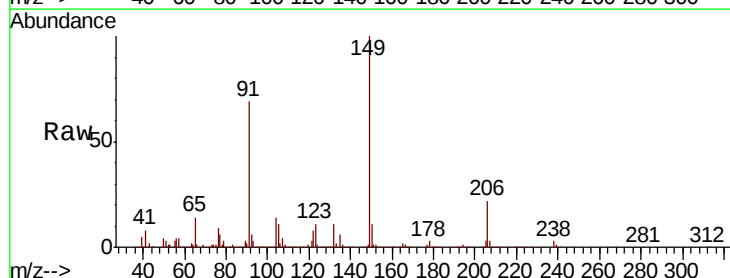
Tgt Ion:149 Resp: 424186

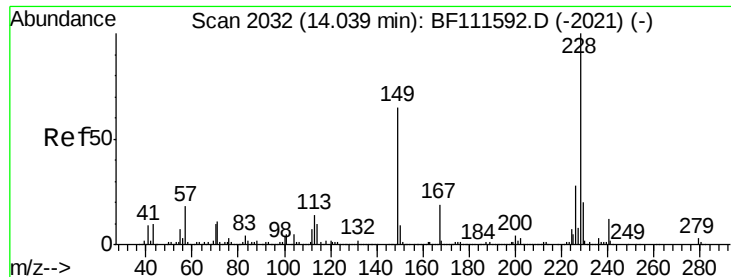
Ion Ratio Lower Upper

149 100

91 68.6 63.8 95.6

206 21.7 15.1 22.7





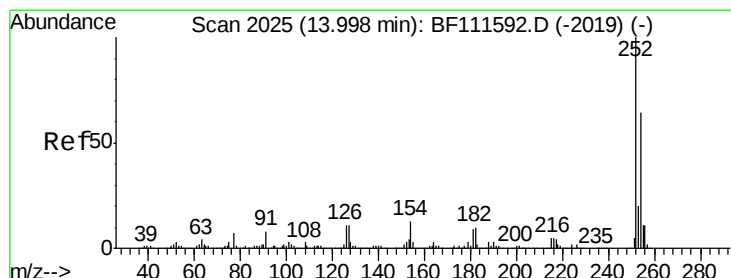
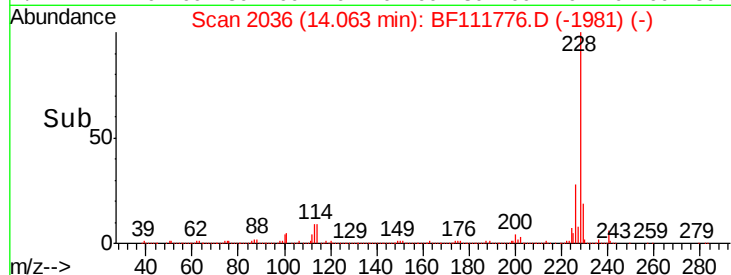
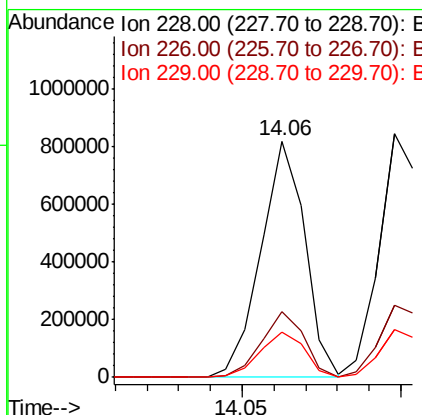
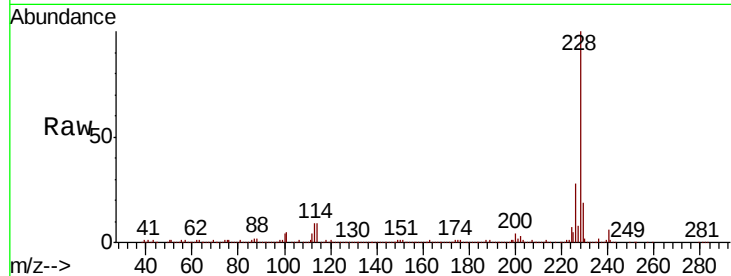
#81
 Benzo(a)anthracene
 Concen: 45.189 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tot Ion:	228	Resp:	791032
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	34.0
229	19.4	16.3	24.5

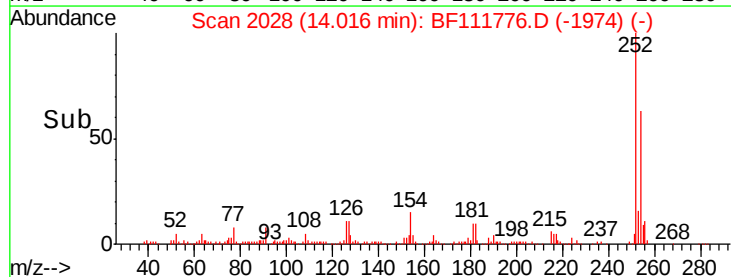
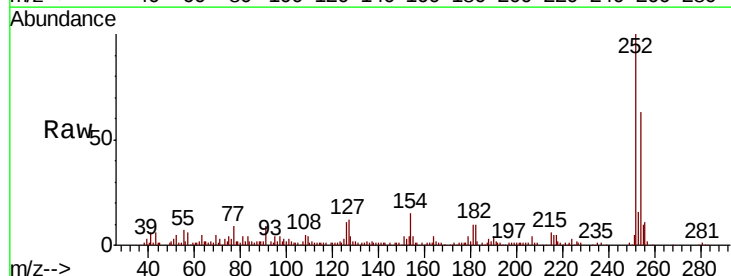
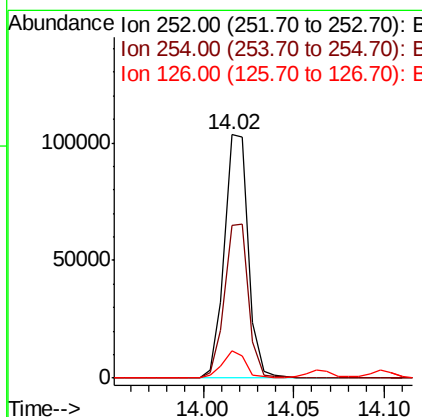
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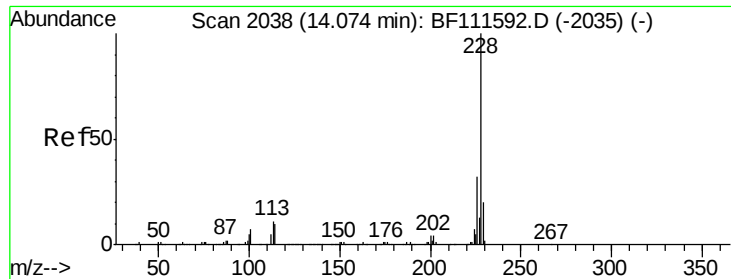
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#82
 3,3'-Dichlorobenzidine
 Concen: 13.839 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion:	252	Resp:	95714
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.7	79.1
126	11.0	11.1	16.7#





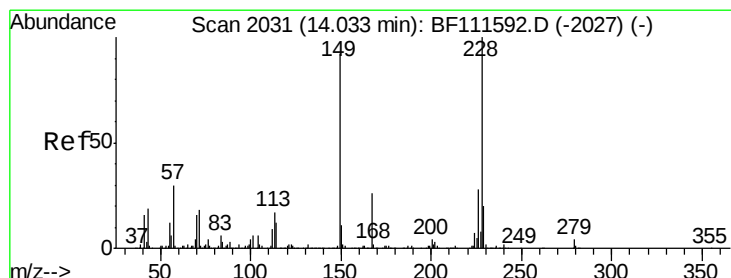
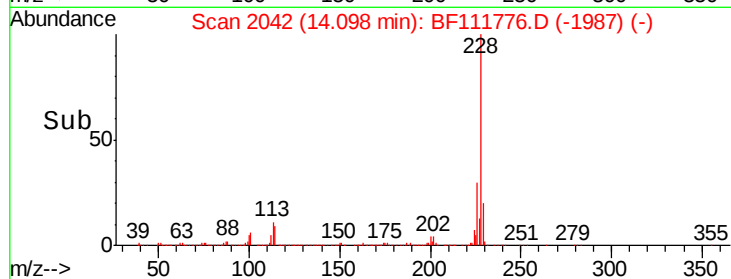
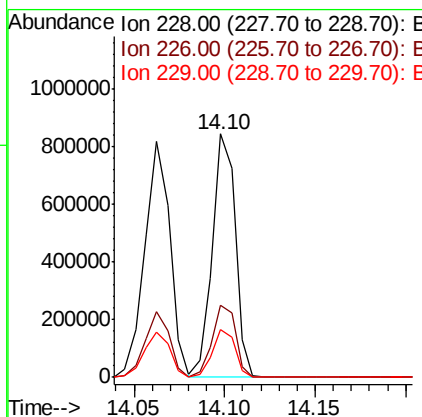
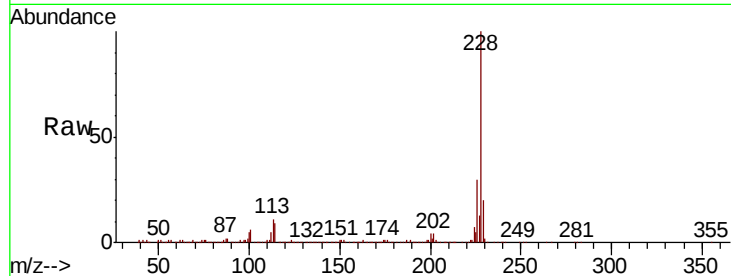
#83
Chrysene
Concen: 43.224 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	19.7	17.2	25.8

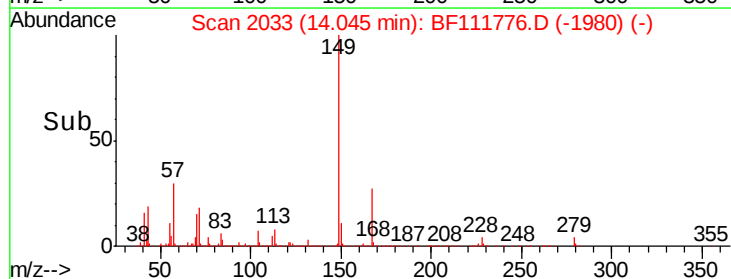
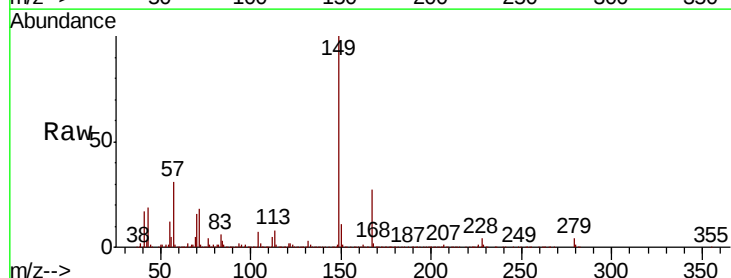
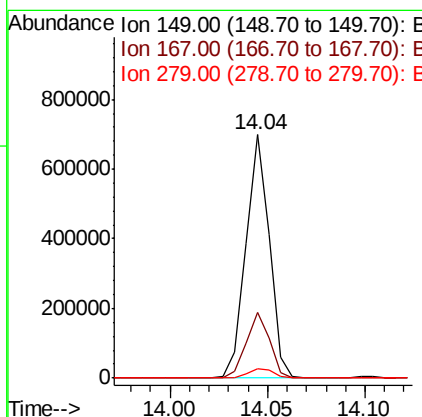
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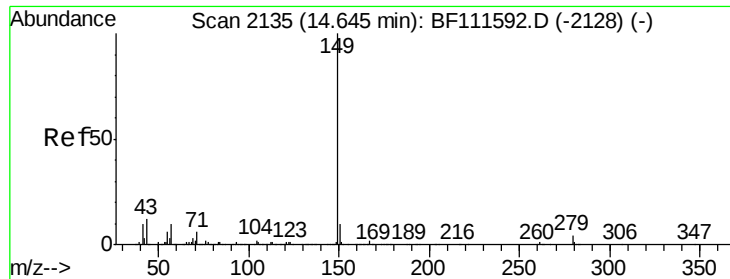
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.264 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	4.0	2.6	4.0#





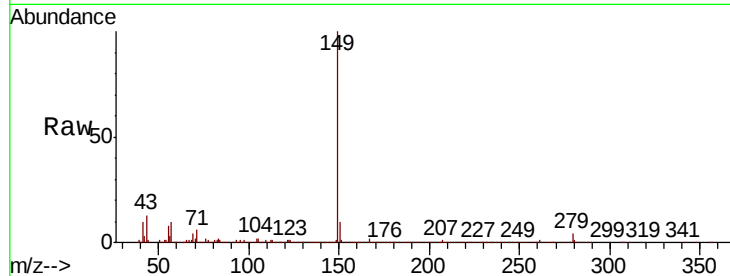
#85
Di-n-octyl phthalate
Concen: 52.664 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

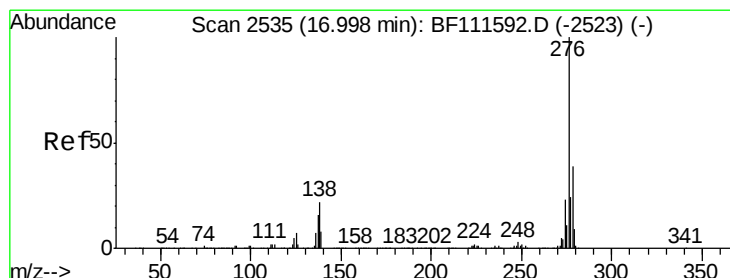
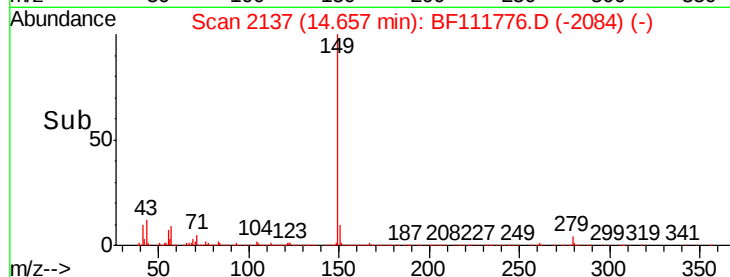
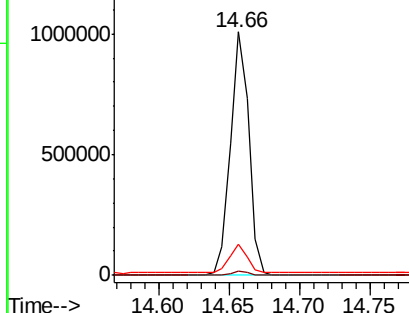
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6		1.3	1.9
43	11.7		10.9	16.3

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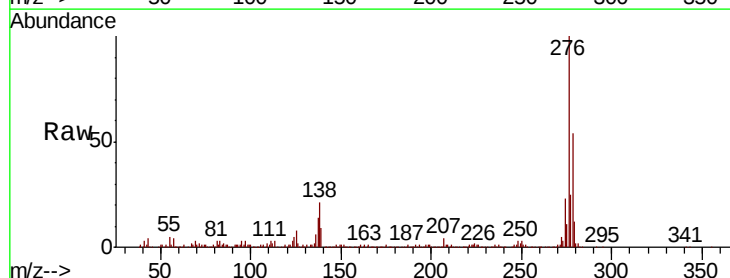


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

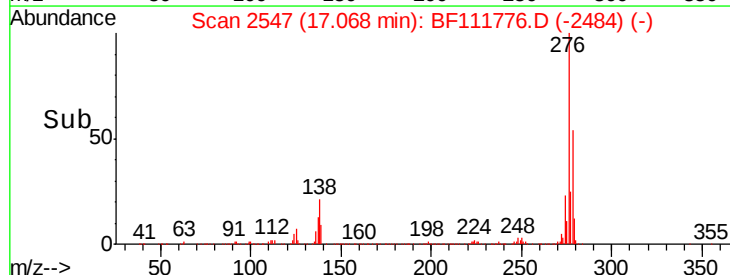
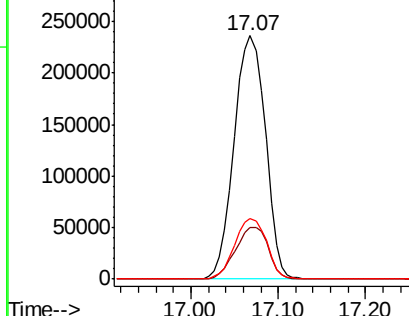


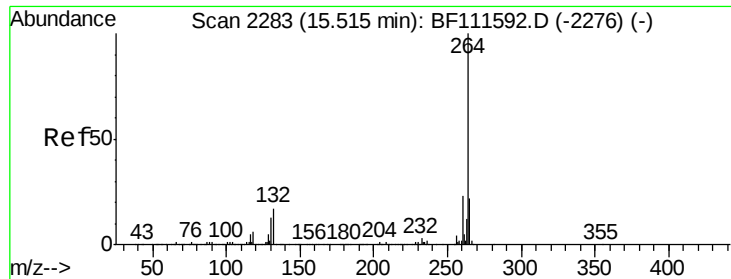
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.324 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.07 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.7		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





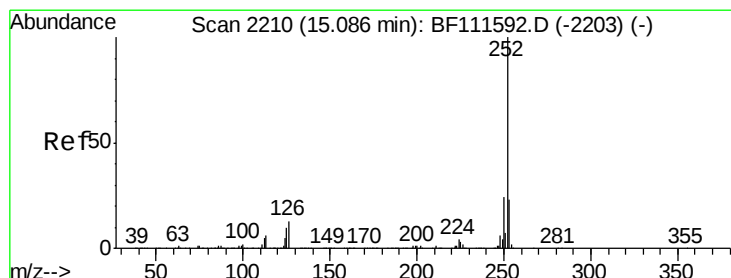
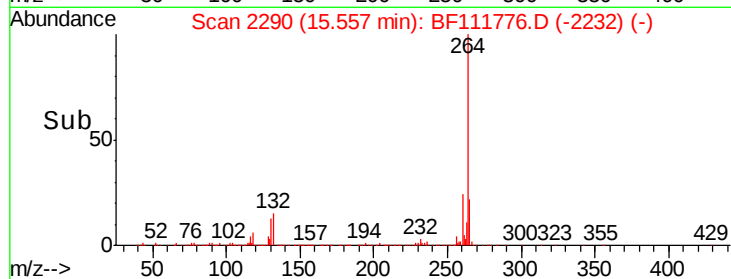
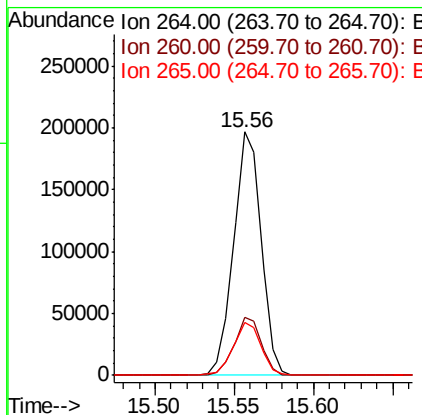
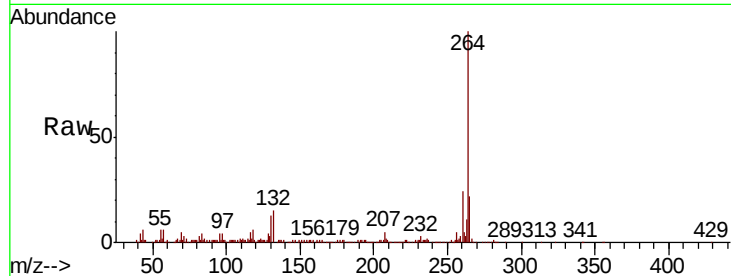
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.8	17.7	26.5

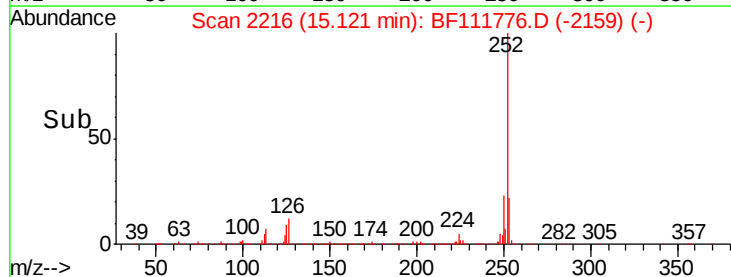
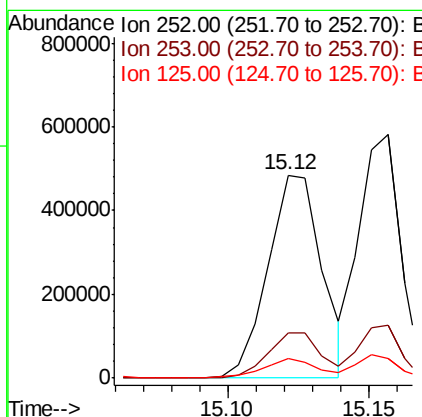
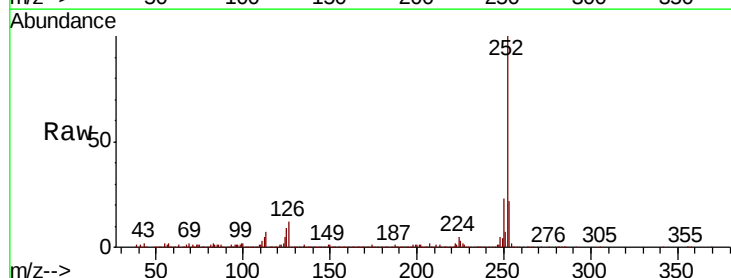
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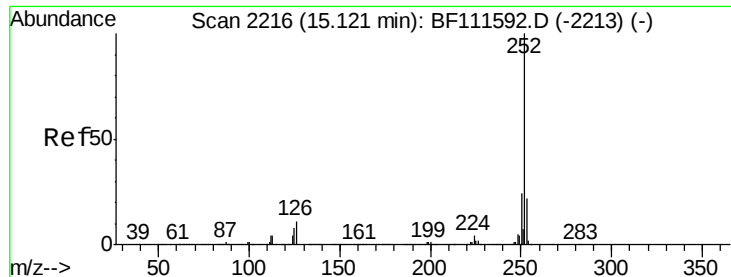
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#88
Benzo(b)fluoranthene
Concen: 46.509 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

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





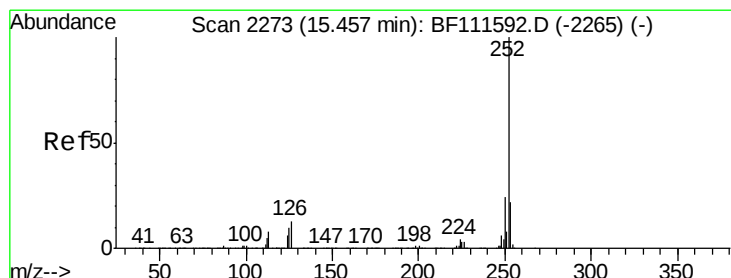
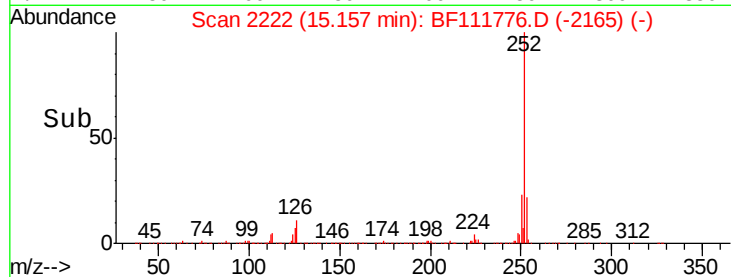
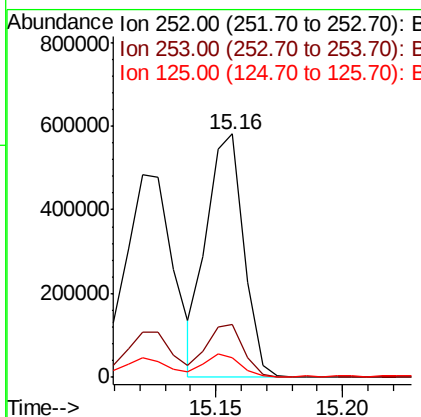
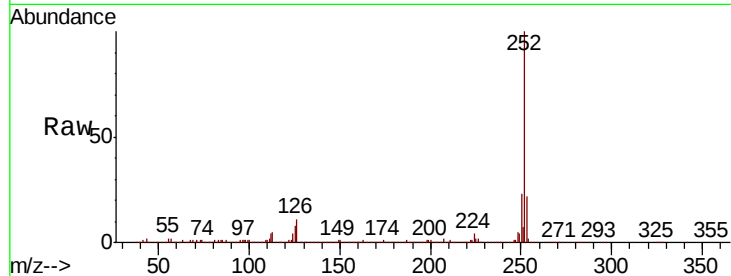
#89
Benzo(k)fluoranthene
Concen: 44.674 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.8	9.8	14.8

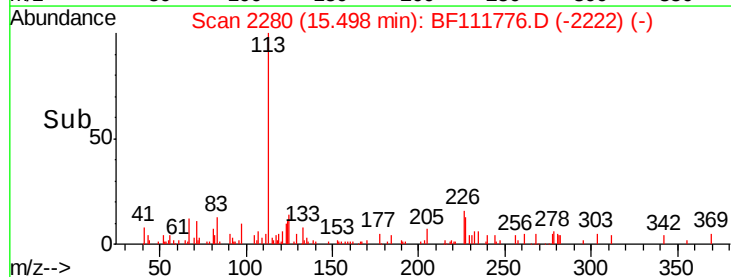
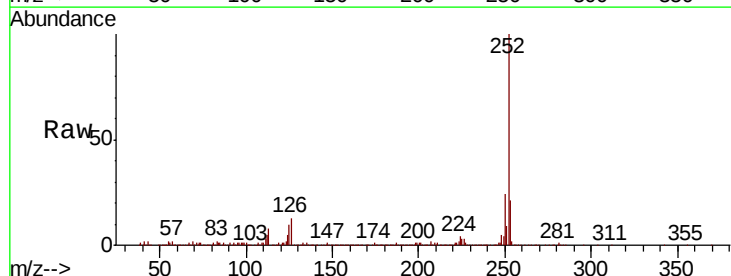
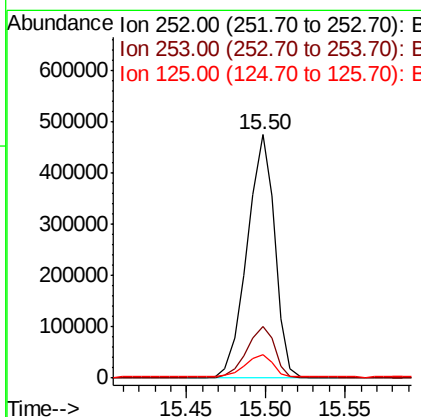
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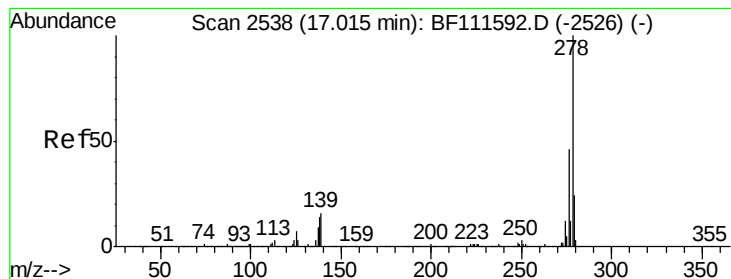
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#90
Benzo(a)pyrene
Concen: 45.590 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	9.8	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 44.559 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.07 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

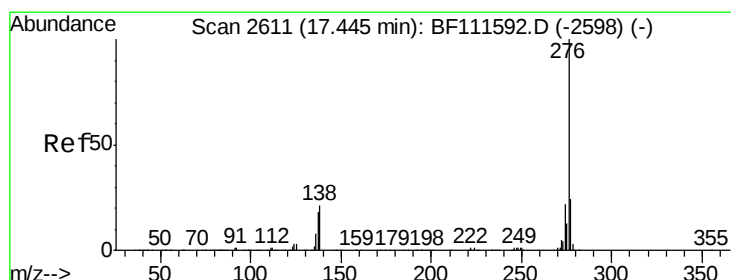
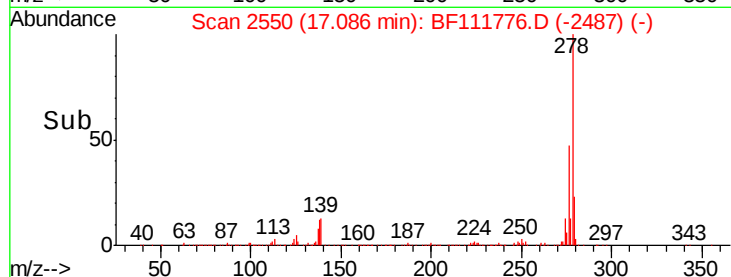
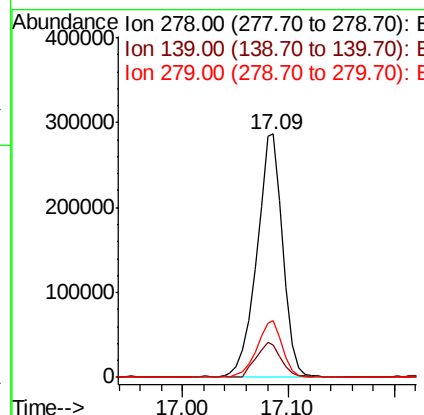
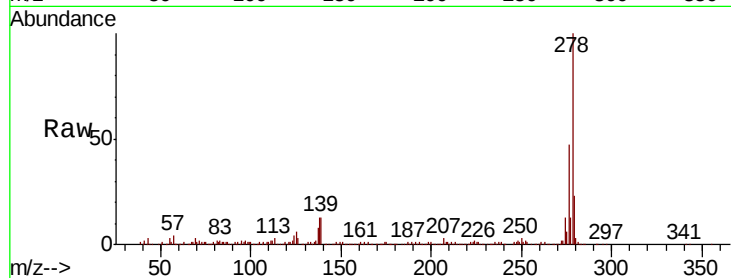
ClientSampleId :

BU-03-122118MS

Tot Ion:	278	Resp:	491929
Ion Ratio	Lower	Upper	
278	100		
139	13.1	18.2	27.4#
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/28/2018 10:37:29 AM



#92

Benzo(g,h,i)perylene

Concen: 43.955 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.08 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:	276	Resp:	473843
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	18.6	24.9	37.3#

