

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108778.D
 Acq On : 5 Sep 2018 17:01
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 9/5/2018 7:11:51 PM

Quant Time: Sep 05 17:26:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 16:28:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	324588	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1295184	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	617946	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1156188	20.00	ng	0.00
75) Chrysene-d12	13.87	240	638614	20.00	ng	0.00
86) Perylene-d12	15.27	264	706248	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	2127066	113.84	ng	0.00
7) Phenol-d6	6.38	99	2696273	100.75	ng	0.01
23) Nitrobenzene-d5	7.31	82	2488305	97.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	680310	83.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	3767880	81.98	ng	0.00
78) Terphenyl-d14	12.83	244	3182946	96.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	539987	62.186	ng	93
3) Pyridine	3.13	79	1538372	76.679	ng	91
4) n-Nitrosodimethylamine	3.09	42	593080	59.262	ng	90
6) Aniline	6.40	93	1864021	64.550	ng	100
8) 2-Chlorophenol	6.52	128	1178893	51.603	ng	99
9) Benzaldehyde	6.28	77	933103	56.414	ng	98
10) Phenol	6.39	94	1524332	48.846	ng	78
11) bis(2-Chloroethyl)ether	6.48	93	1268656	46.168	ng	98
12) 1,3-Dichlorobenzene	6.68	146	1347198	50.860	ng	97
13) 1,4-Dichlorobenzene	6.75	146	1321826	45.716	ng	98
14) 1,2-Dichlorobenzene	6.91	146	1171814	44.128	ng	98
15) Benzyl Alcohol	6.88	79	1057404	54.930	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1907107	45.239	ng	95
17) 2-Methylphenol	6.99	107	1036939	58.379	ng	97
18) Hexachloroethane	7.25	117	507359	51.023	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	976932	54.513	ng	96
20) 3+4-Methylphenols	7.15	107	1099958	49.425	ng	# 65
22) Acetophenone	7.15	105	1551463	47.984	ng	# 88
24) Nitrobenzene	7.32	77	1284184	49.634	ng	99
25) Isophorone	7.57	82	2376232	56.060	ng	97
26) 2-Nitrophenol	7.64	139	577727	49.326	ng	96
27) 2,4-Dimethylphenol	7.68	122	1001825	58.813	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	1513575	56.526	ng	98
29) 2,4-Dichlorophenol	7.88	162	1049082	51.912	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	1085196	48.021	ng	97
31) Naphthalene	8.04	128	3002505	48.670	ng	95
32) Benzoic acid	7.84	122	787619	72.100	ng	99
33) 4-Chloroaniline	8.09	127	1415851	51.991	ng	99
34) Hexachlorobutadiene	8.17	225	655657	44.188	ng	100
35) Caprolactam	8.48	113	355520m	66.022	ng	
36) 4-Chloro-3-methylphenol	8.58	107	1095902	50.526	ng	99
37) 2-Methylnaphthalene	8.73	142	1994662	47.789	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	977952	44.578	ng	98
40) Hexachlorocyclopentadiene	8.90	237	560516	72.138	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	761129	58.587	nq	100
43) 2,4,5-Trichlorophenol	9.05	196	759176	50.113	nq	97
45) 1,1'-Biphenyl	9.20	154	2406894	44.741	nq	96
46) 2-Chloronaphthalene	9.22	162	2014295	47.828	nq	96
47) 2-Nitroaniline	9.31	65	675501	47.956	nq	98
48) Acenaphthylene	9.64	152	2947701	47.807	nq	96
49) Dimethylphthalate	9.51	163	2315546	47.586	nq	# 97
50) 2,6-Dinitrotoluene	9.56	165	542879	50.613	nq	97
51) Acenaphthene	9.81	154	1898785	51.505	nq	97
52) 3-Nitroaniline	9.72	138	624922	53.857	nq	94
53) 2,4-Dinitrophenol	9.82	184	176687	48.445	nq	# 16
54) Dibenzofuran	9.98	168	2626778	45.535	nq	92
55) 4-Nitrophenol	9.88	139	485079	76.019	nq	97
56) 2,4-Dinitrotoluene	9.96	165	673733	47.439	nq	# 98
57) Fluorene	10.32	166	1730688	38.713	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	627665	46.248	nq	90
59) Diethylphthalate	10.20	149	2408592	49.130	nq	94
60) 4-Chlorophenyl-phenylether	10.31	204	935344	36.871	nq	94
61) 4-Nitroaniline	10.34	138	567306	50.525	nq	98
62) Azobenzene	10.47	77	2396924	49.189	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	291985	56.915	nq	91
65) n-Nitrosodiphenylamine	10.43	169	2035073	52.979	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	708955	49.892	nq	# 86
67) Hexachlorobenzene	10.87	284	745332	48.686	nq	# 90
68) Atrazine	10.96	200	682387	63.544	nq	98
69) Pentachlorophenol	11.05	266	537938	66.128	nq	97
70) Phenanthrene	11.27	178	2806080	48.083	nq	95
71) Anthracene	11.32	178	2777287	45.292	nq	94
72) Carbazole	11.47	167	2847162	48.019	nq	96
73) Di-n-butylphthalate	11.82	149	3270297	47.940	nq	# 96
74) Fluoranthene	12.45	202	2923343	44.502	nq	96
76) Benzidine	12.57	184	1790184	99.586	nq	# 94
77) Pyrene	12.68	202	2966801	61.800	nq	94
79) Butylbenzylphthalate	13.31	149	1472767	72.959	nq	# 97
80) Benzo(a)anthracene	13.86	228	2415516	62.045	nq	96
81) 3,3'-Dichlorobenzidine	13.82	252	975177	69.070	nq	98
82) Chrysene	13.90	228	2369617	63.292	nq	95
83) Bis(2-ethylhexyl)phthalate	13.87	149	1742684	67.164	nq	98
84) Di-n-octyl phthalate	14.48	149	2915976	76.437	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	2131919	81.894	nq	96
87) Benzo(b)fluoranthene	14.88	252	2207519	50.883	nq	98
88) Benzo(k)fluoranthene	14.91	252	1931926	44.952	nq	97
89) Benzo(a)pyrene	15.22	252	1957695	49.933	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	1734572	55.394	nq	96
91) Benzo(g,h,i)perylene	17.04	276	1785717	58.676	nq	94

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

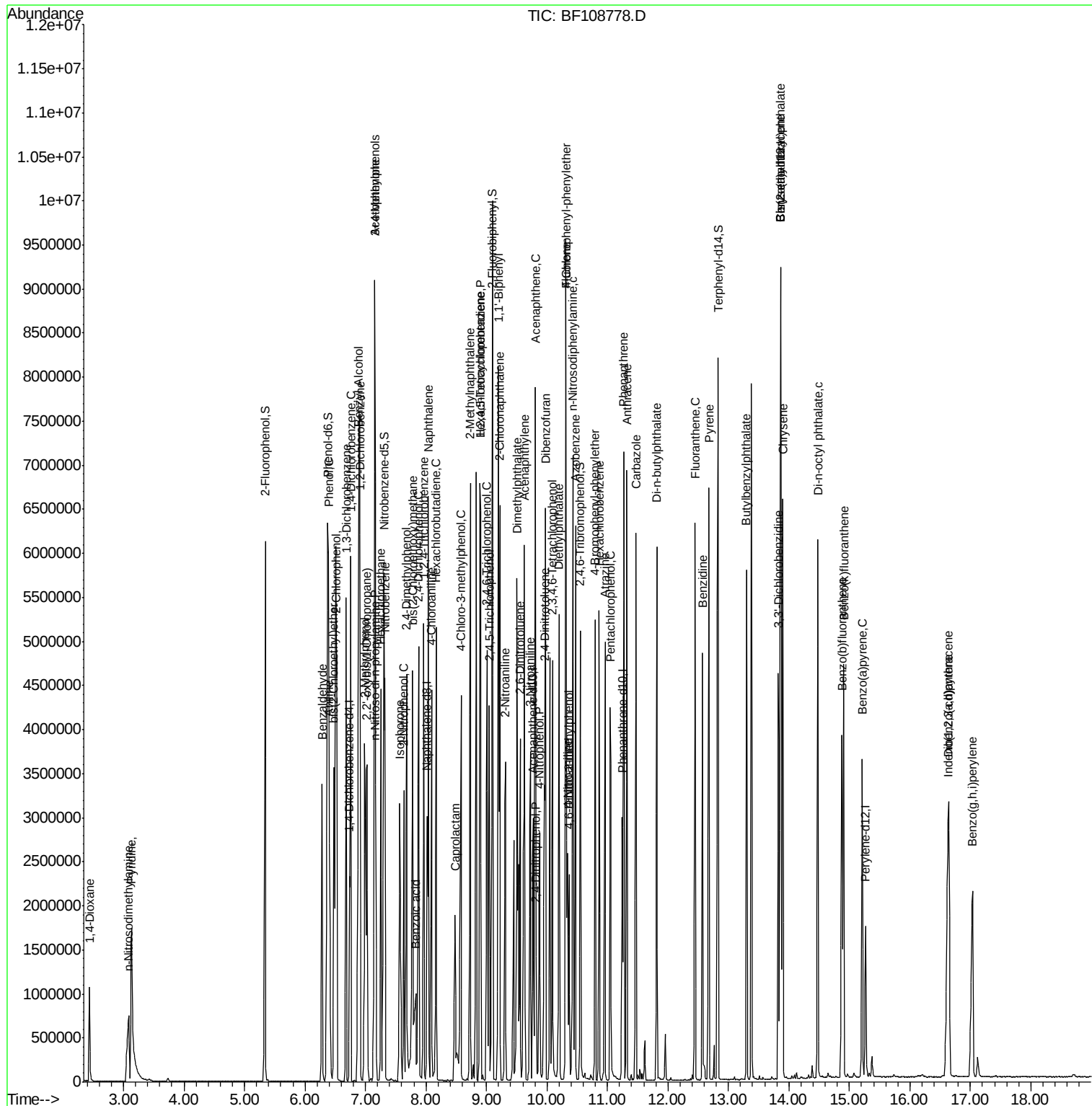
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ALS Vial  : 7      Sample Multiplier: 1
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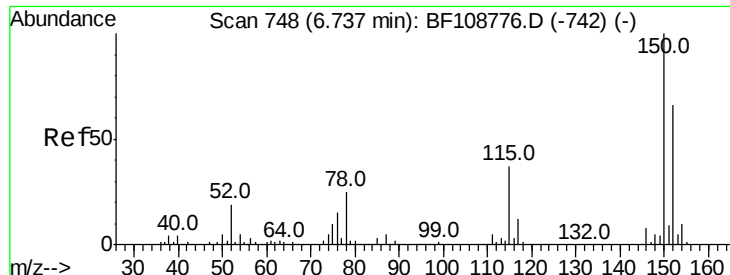
Instrument :
BNA_F
ClientSampleId :
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#1

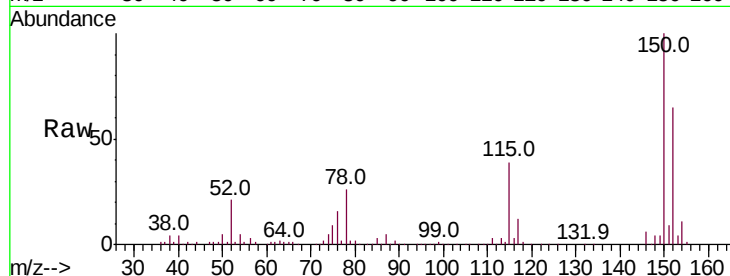
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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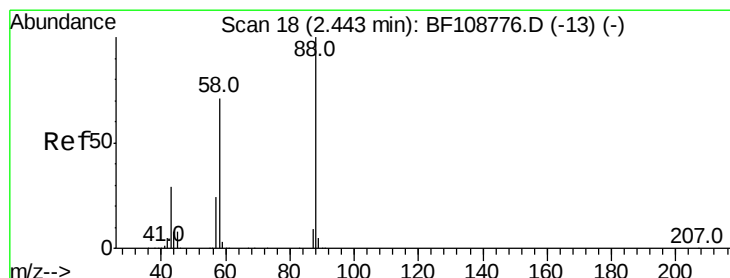
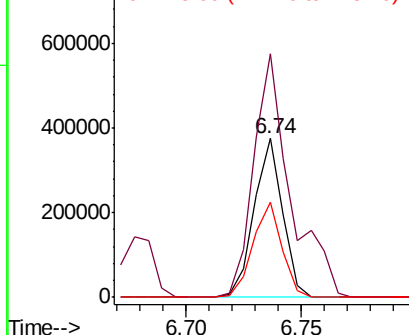
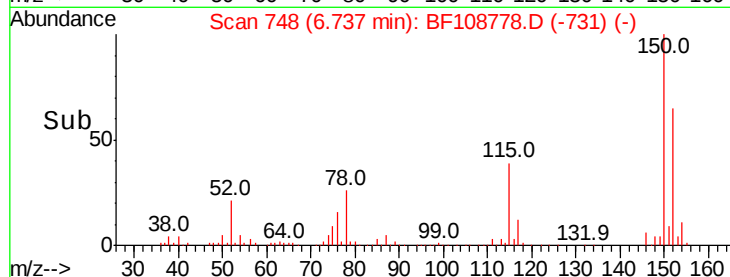


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

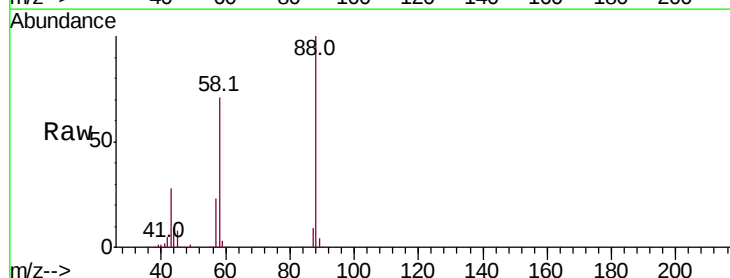
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 62.186 ng
RT: 2.44 min Scan# 17
Delta R.T. -0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	62.6	93.8
43	27.8	24.6	37.0

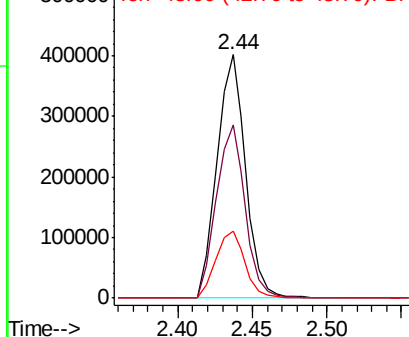
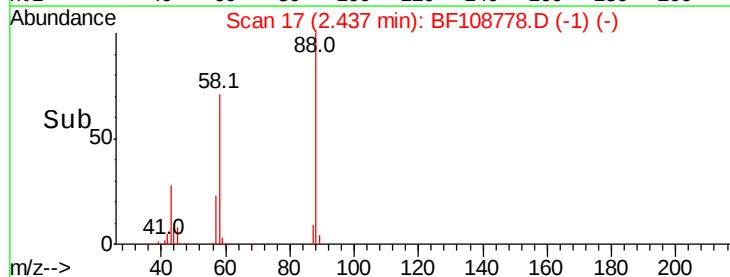


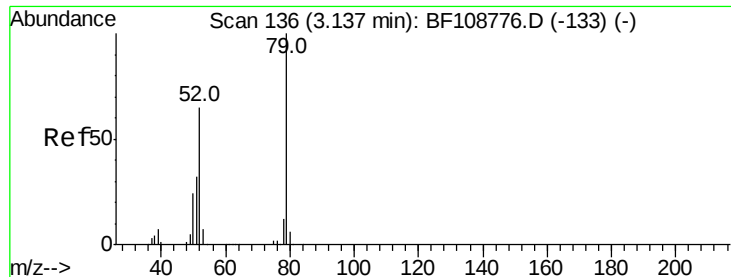
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 76.679 ng

RT: 3.13 min Scan# 135

Delta R.T. -0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1538372

Ion Ratio Lower Upper

79 100

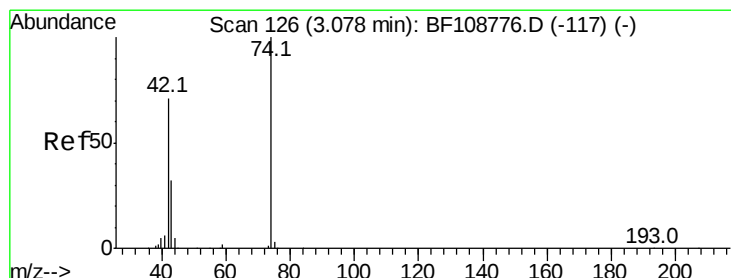
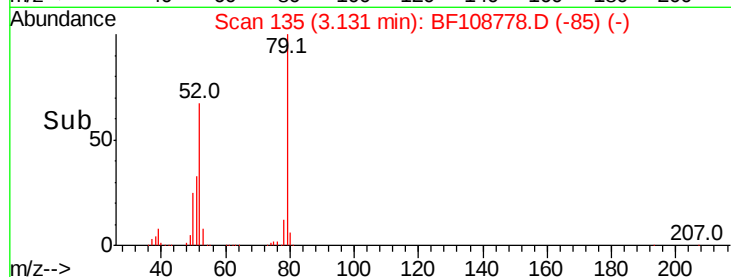
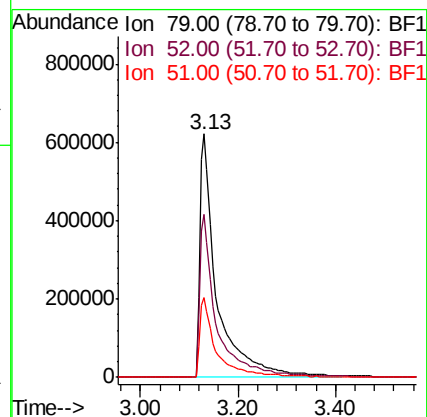
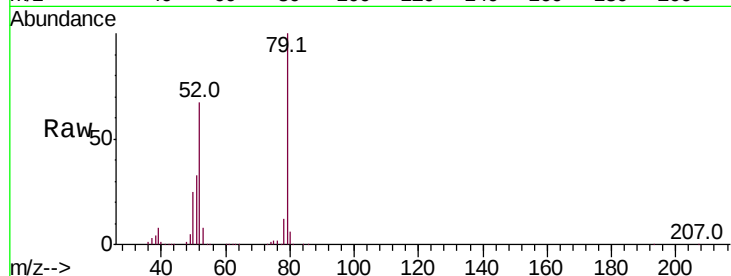
52 66.9 59.8 89.6

51 32.7 29.8 44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 59.262 ng

RT: 3.09 min Scan# 128

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

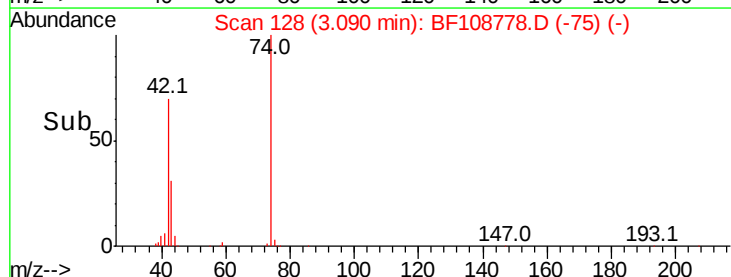
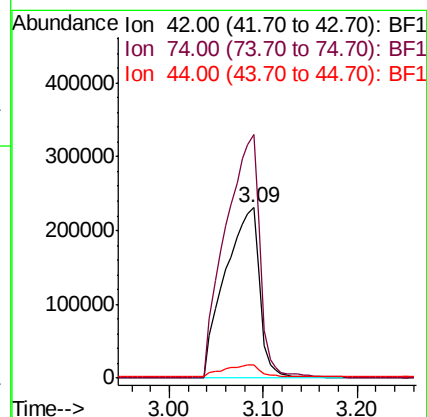
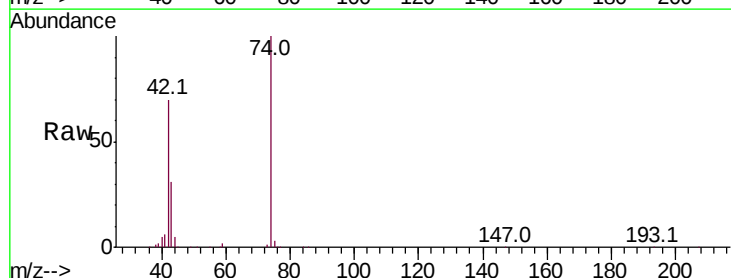
Tgt Ion: 42 Resp: 593080

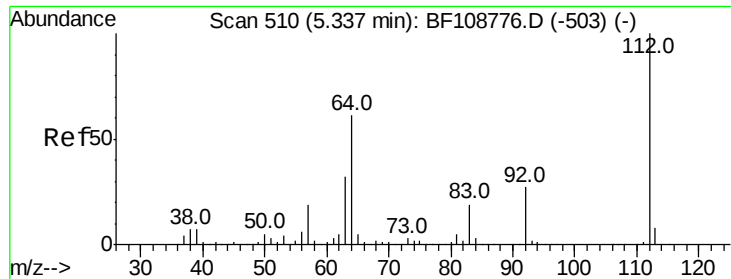
Ion Ratio Lower Upper

42 100

74 142.9 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 113.841 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:112 Resp: 2127066

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

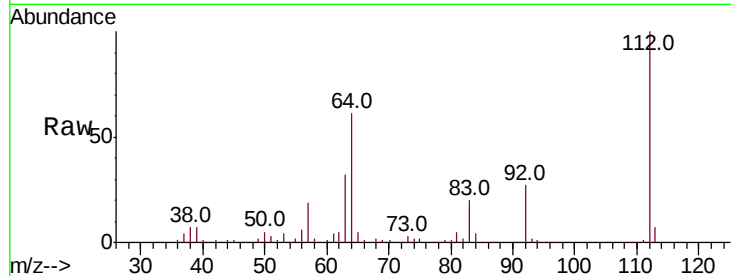
63 32.5 23.7 35.5

Manual Integrations

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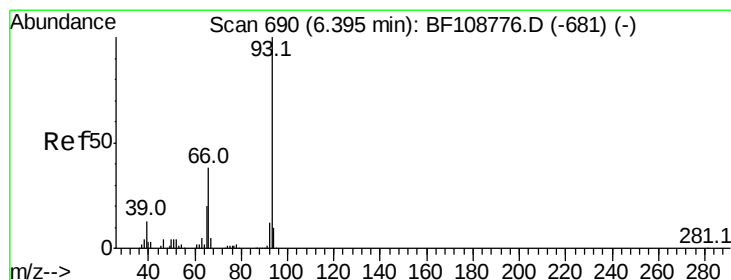
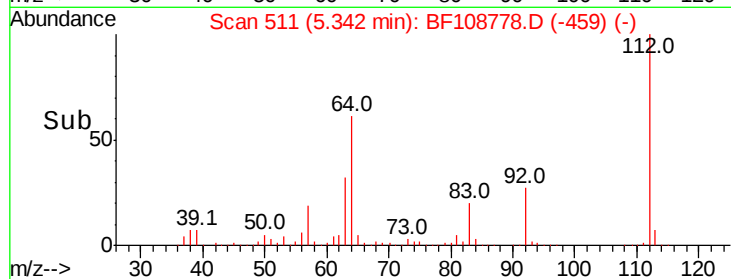
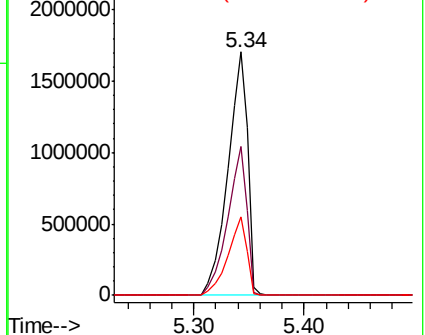
9/5/2018 7:11:51 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 64.550 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Tgt Ion: 93 Resp: 1864021

Ion Ratio Lower Upper

93 100

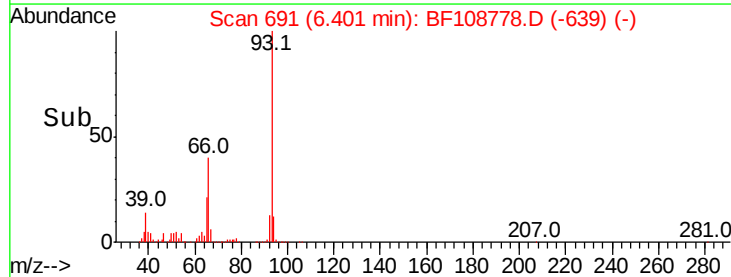
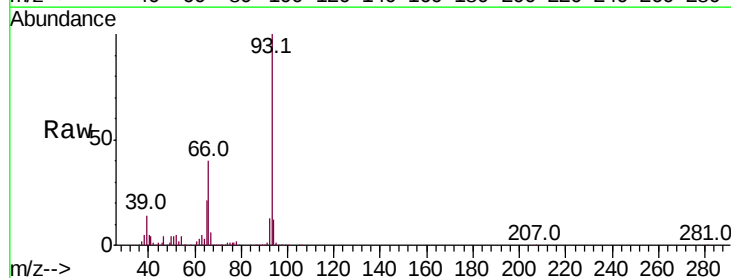
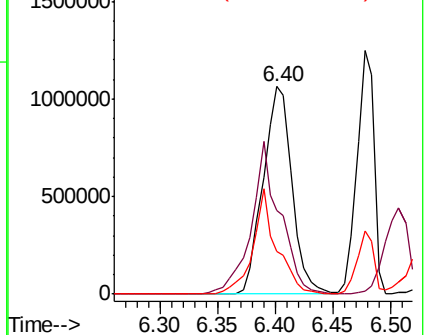
66 40.3 32.2 48.2

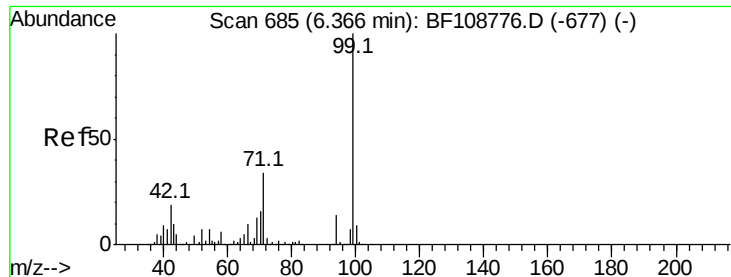
65 20.9 16.4 24.6

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.754 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 2696273

Ion Ratio Lower Upper

99 100

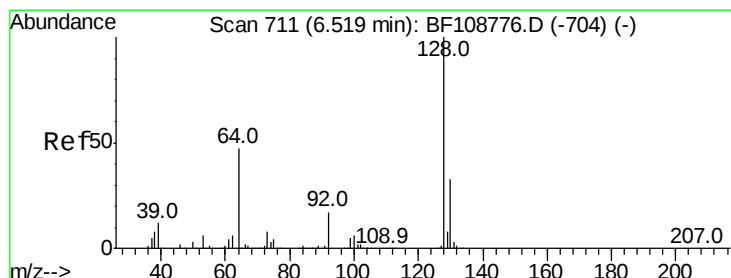
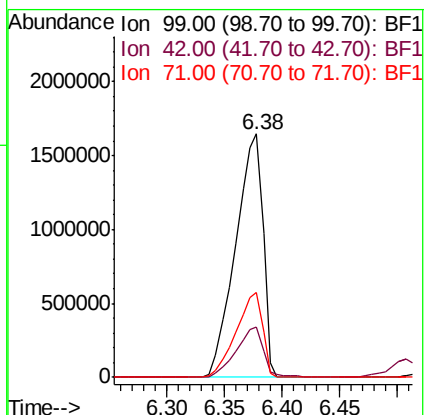
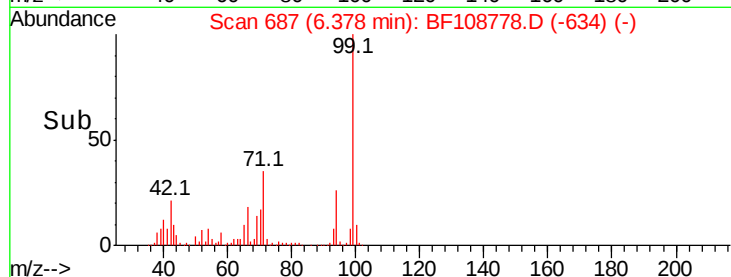
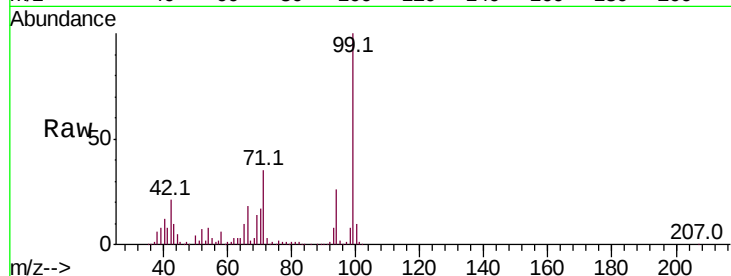
42 20.7 14.5 21.7

71 35.1 25.4 38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 51.603 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

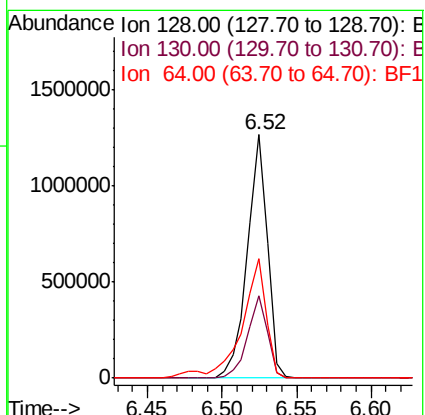
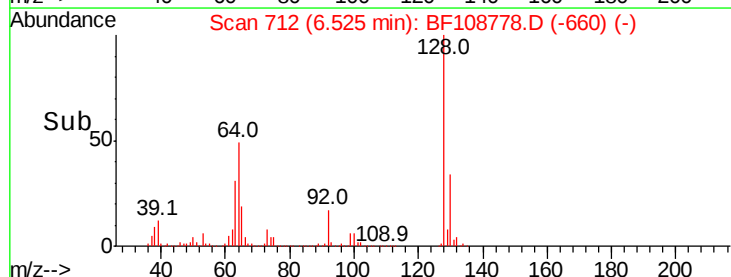
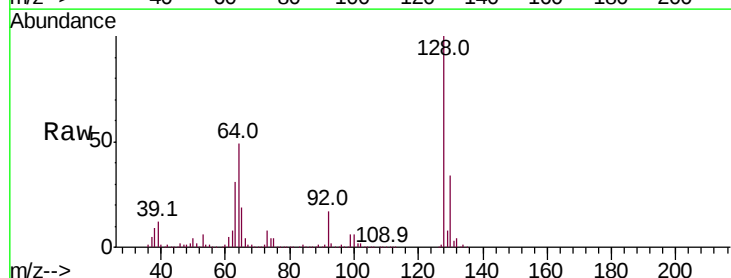
Tgt Ion: 128 Resp: 1178893

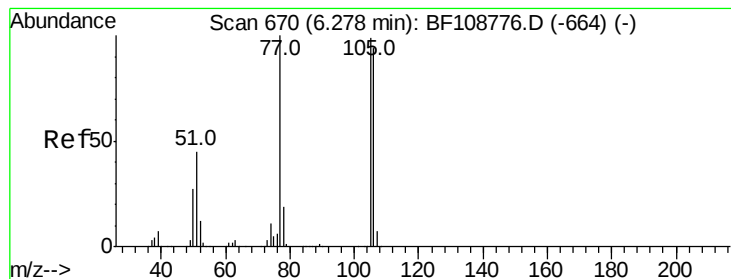
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 49.1 29.4 69.4





#9

Benzaldehyde

Concen: 56.414 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

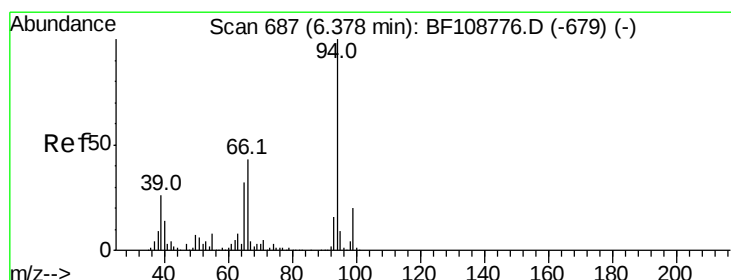
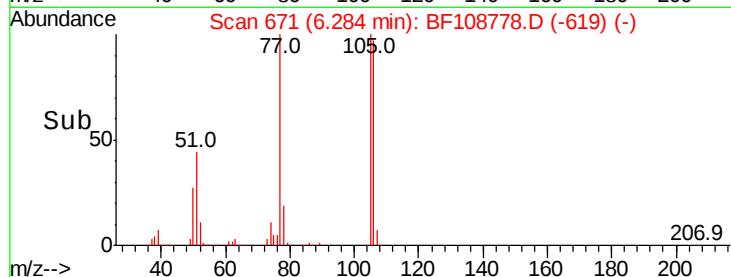
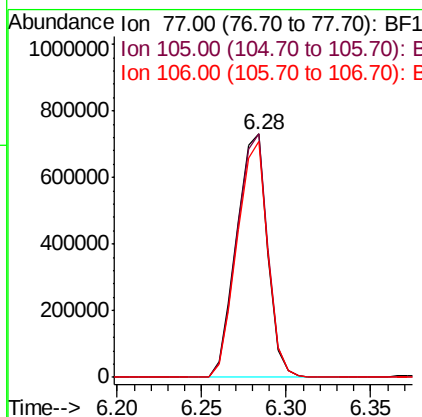
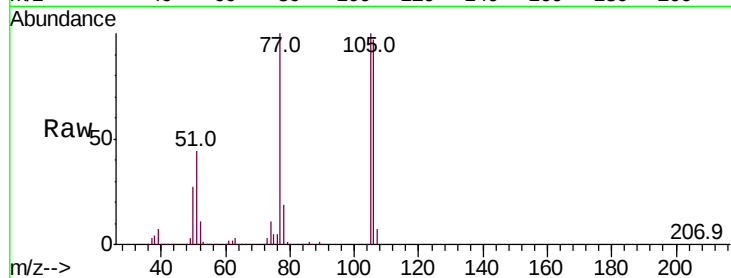
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	81.1	121.1
106	96.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 48.846 ng

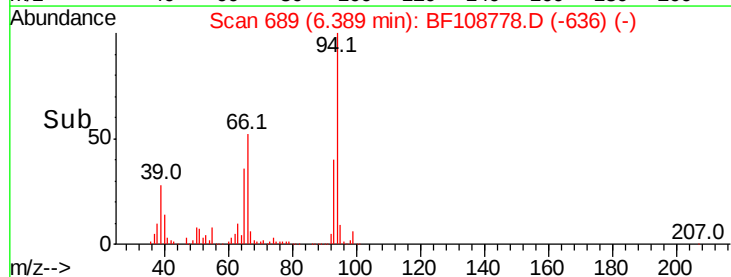
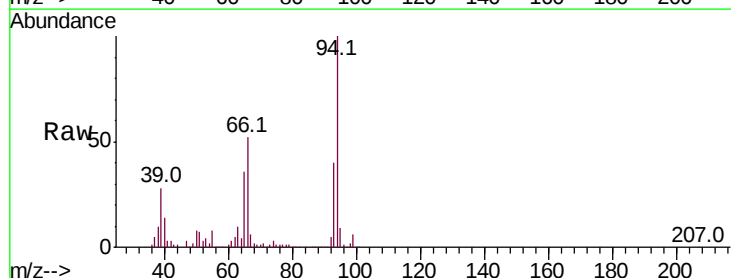
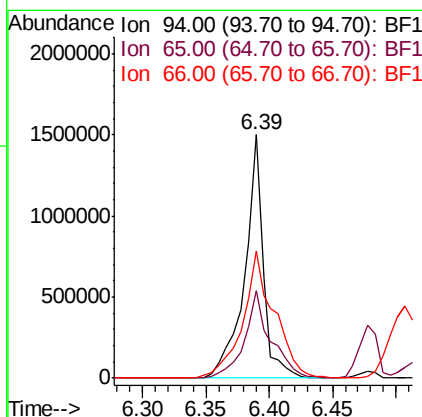
RT: 6.39 min Scan# 689

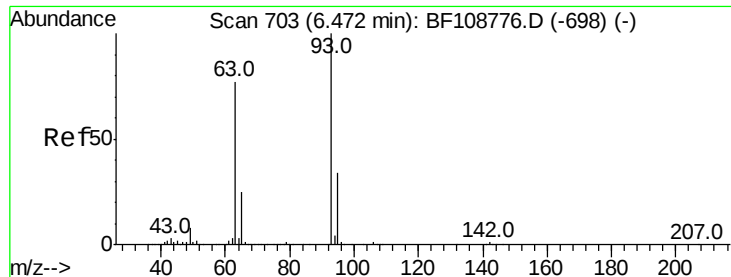
Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.0	7.9	47.9
66	52.3	16.2	56.2





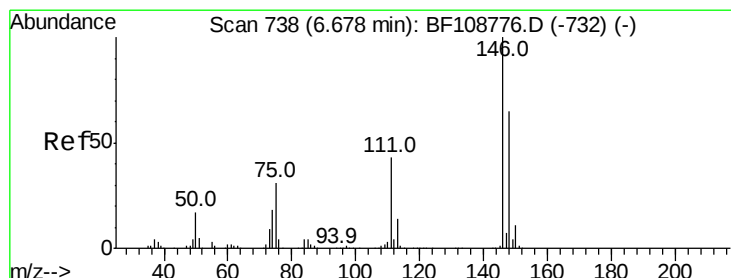
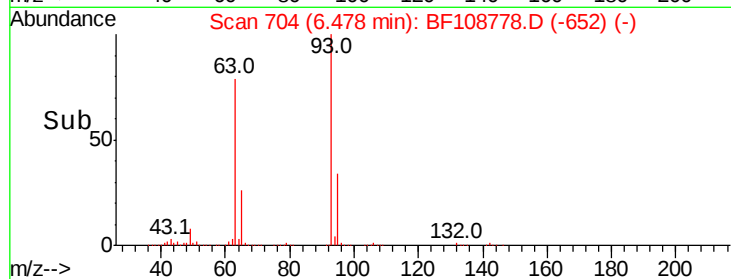
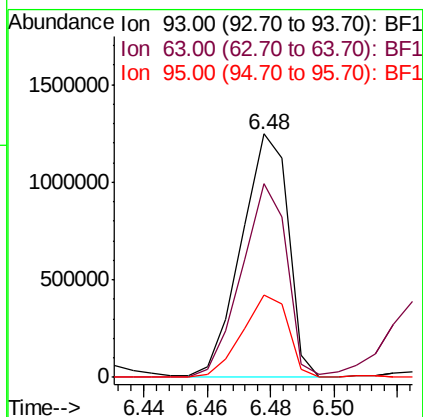
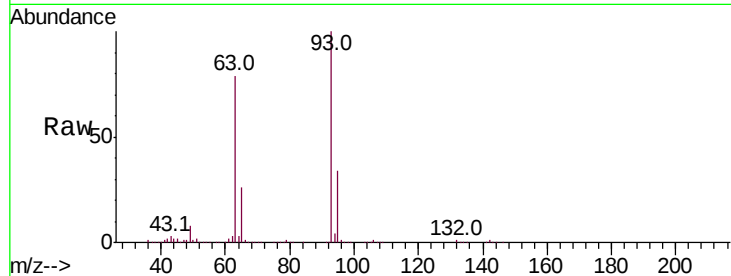
#11
bis(2-Chloroethyl)ether
Concen: 46.168 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion: 93 Resp: 1268656
Ion Ratio Lower Upper
93 100
63 79.4 58.6 98.6
95 33.8 11.8 51.8

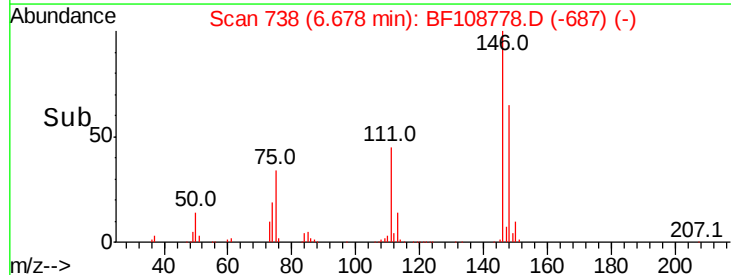
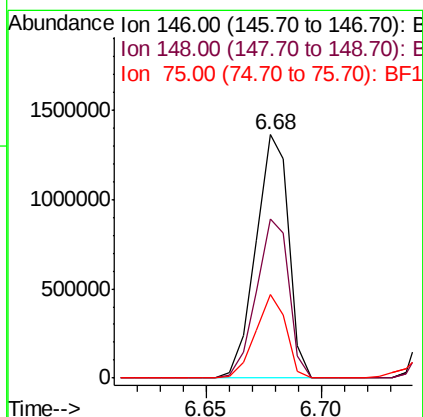
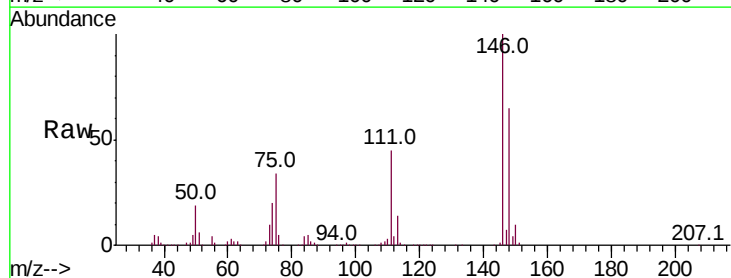
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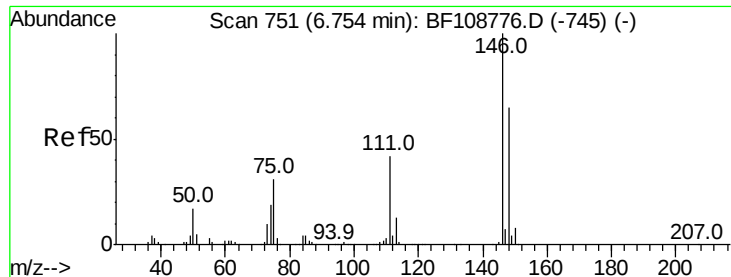
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#12
1,3-Dichlorobenzene
Concen: 50.860 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion: 146 Resp: 1347198
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 34.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 45.716 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:146 Resp: 1321826

Ion Ratio Lower Upper

146 100

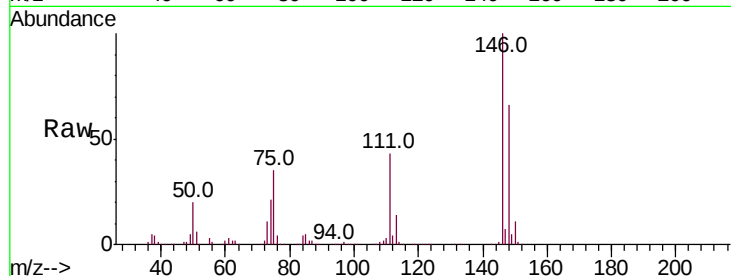
148 66.0 50.8 76.2

111 43.5 34.2 51.2

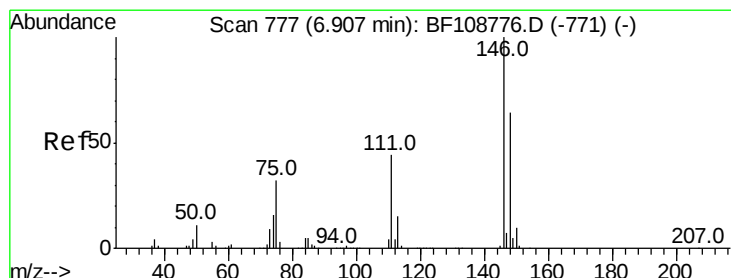
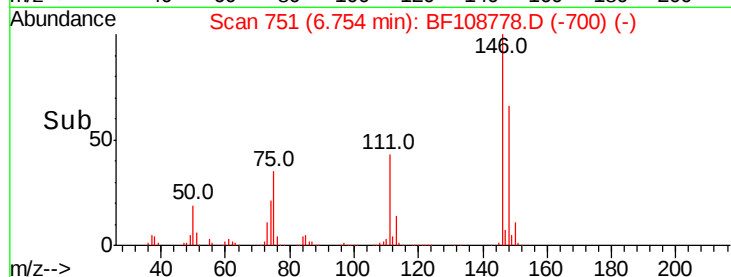
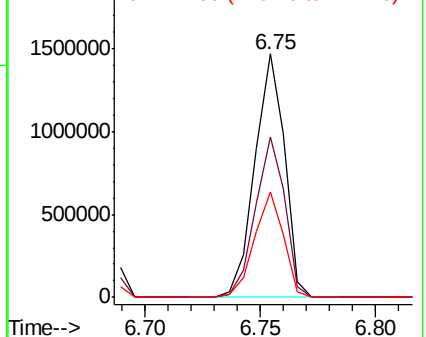
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.128 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

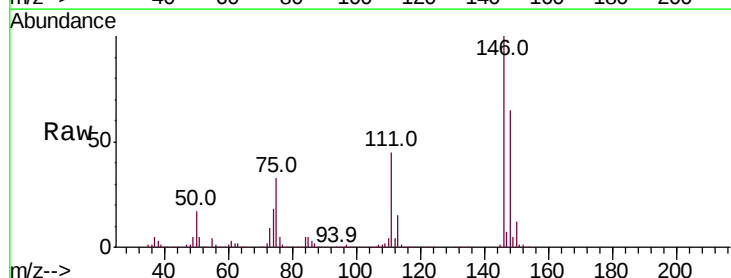
Tgt Ion:146 Resp: 1171814

Ion Ratio Lower Upper

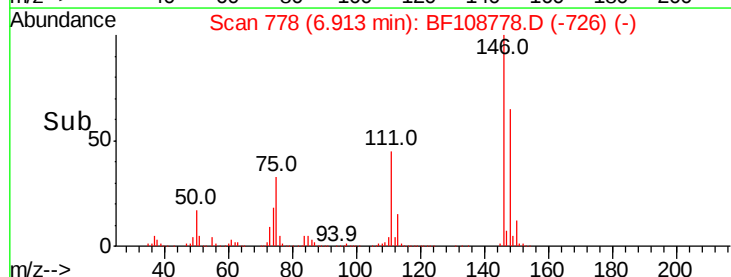
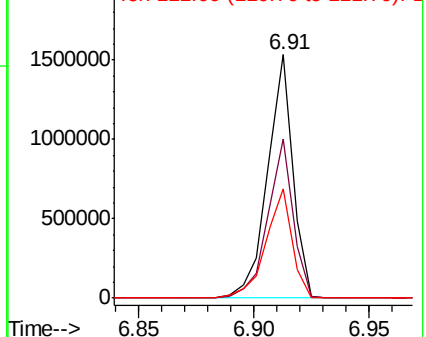
146 100

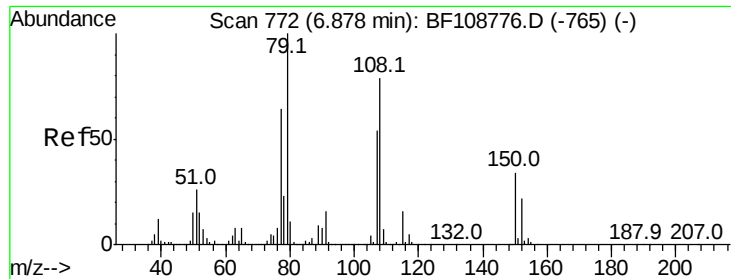
148 65.4 50.6 75.8

111 45.0 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.930 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tot Ion: 79 Resp: 1057404

Ion Ratio Lower Upper

79 100

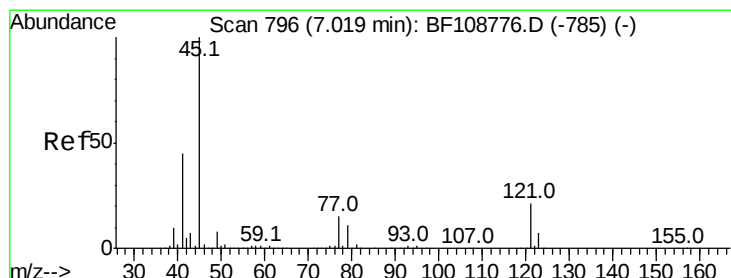
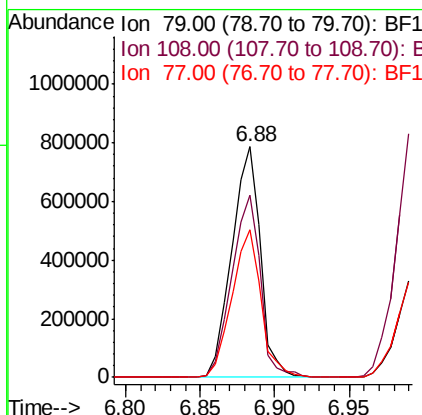
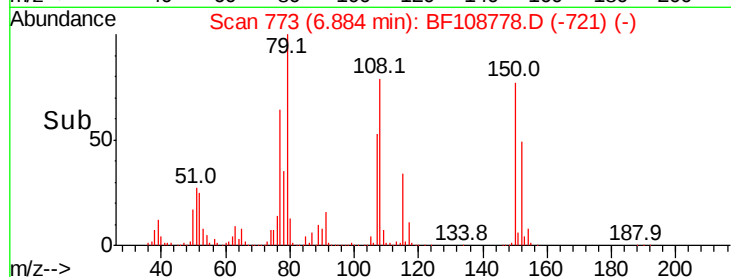
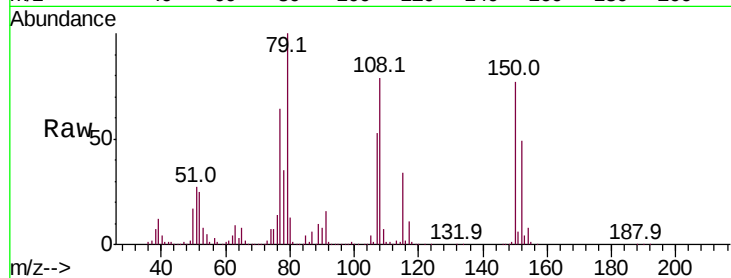
108 79.2 65.1 97.7

77 64.2 50.6 75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.239 ng

RT: 7.02 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

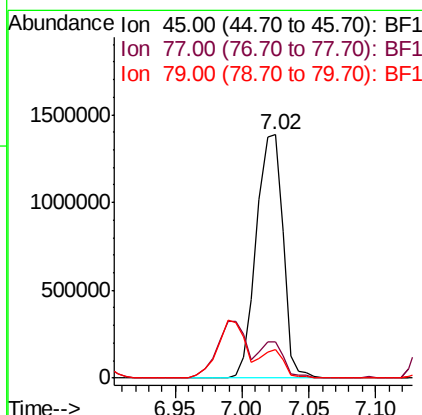
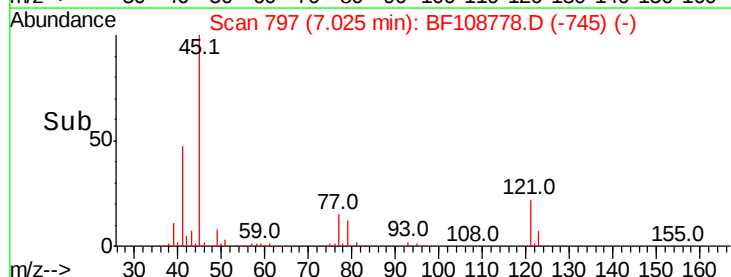
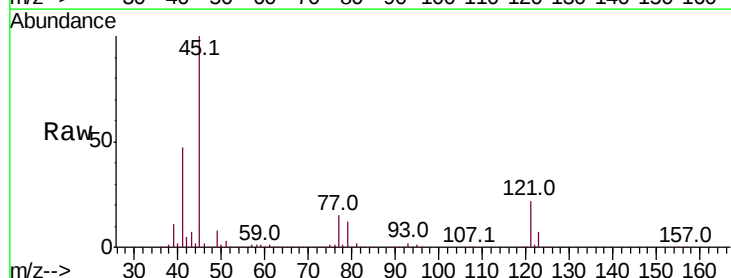
Tgt Ion: 45 Resp: 1907107

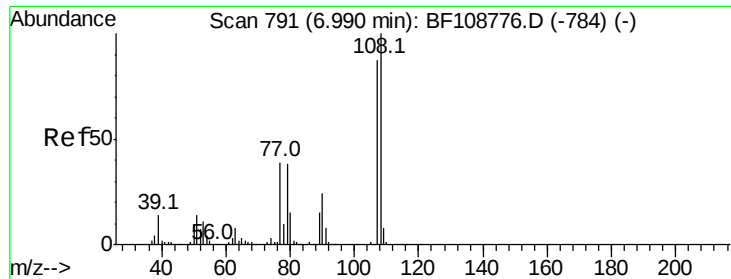
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

79 11.6 0.0 29.6





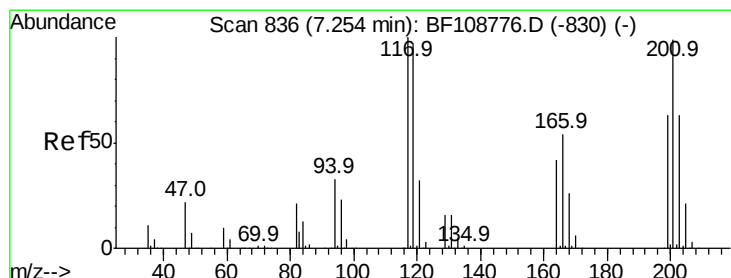
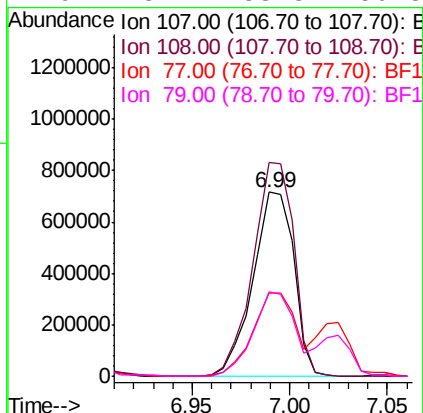
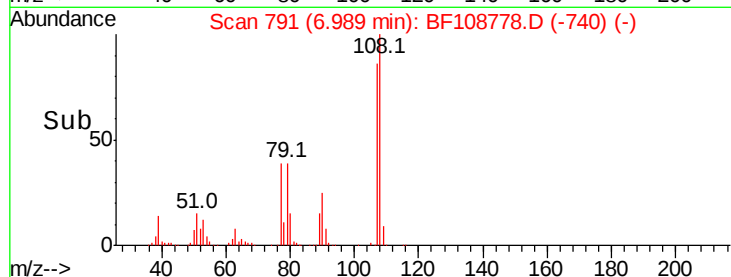
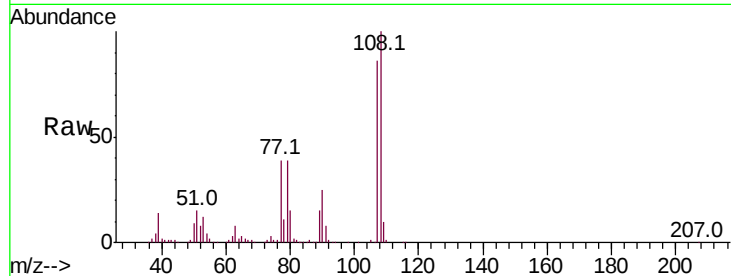
#17
2-Methylphenol
Concen: 58.379 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.7	137.5
77	45.4	33.8	50.8
79	45.7	33.8	50.8

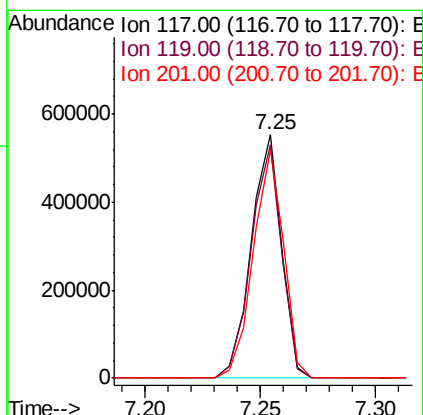
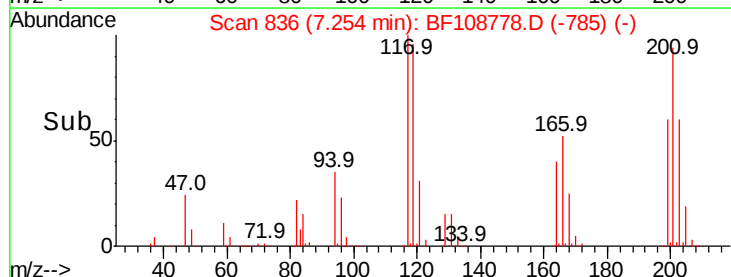
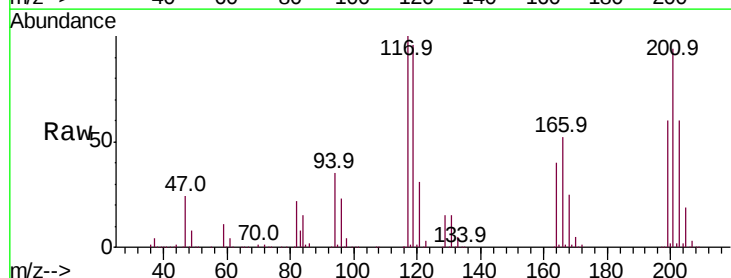
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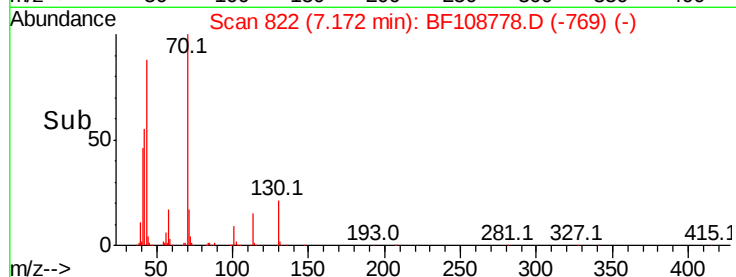
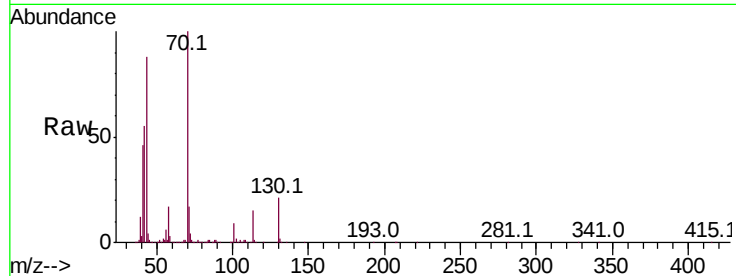
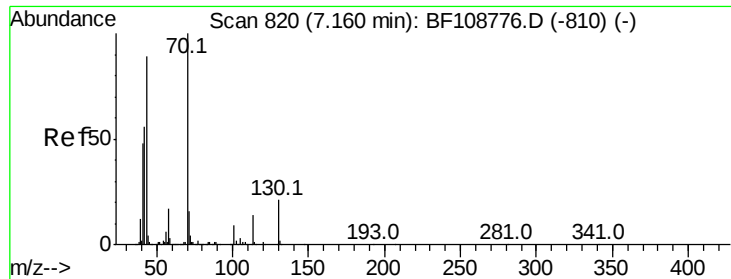
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#18
Hexachloroethane
Concen: 51.023 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	94.0	75.7	113.5





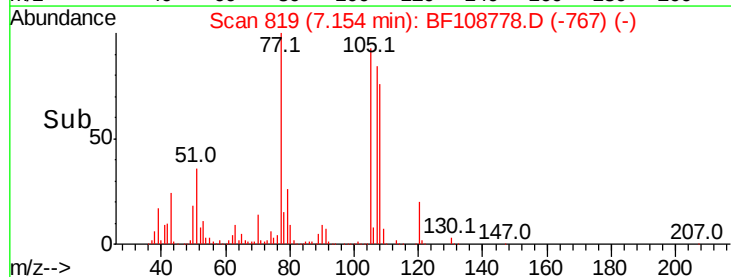
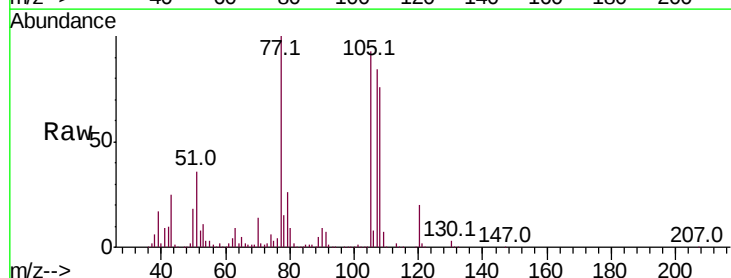
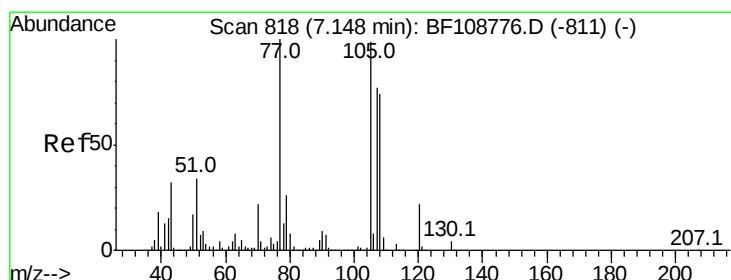
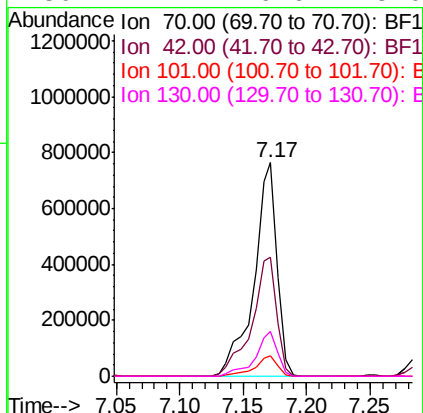
#19
n-Nitroso-di-n-propylamine
Concen: 54.513 ng
RT: 7.17 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	9.4	7.4	11.2
130	21.1	16.6	25.0

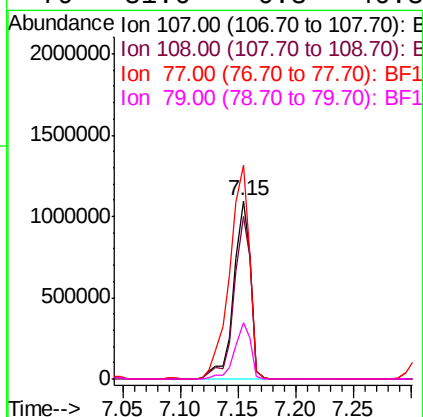
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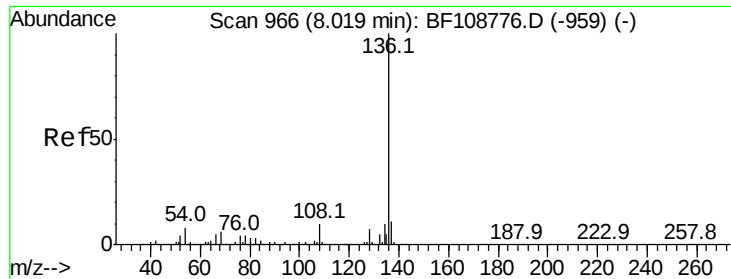
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#20
3+4-Methylphenols
Concen: 49.425 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	119.7	26.7	66.7#
79	31.6	6.3	46.3





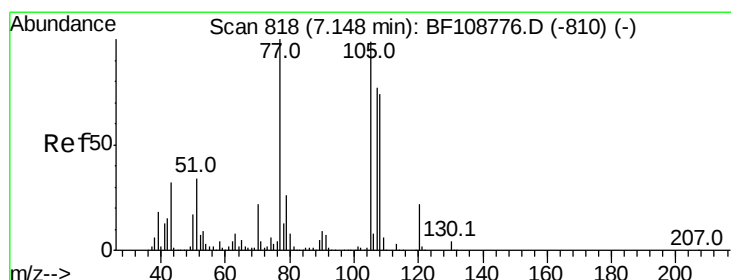
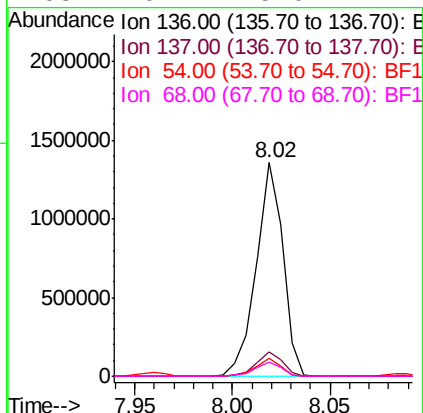
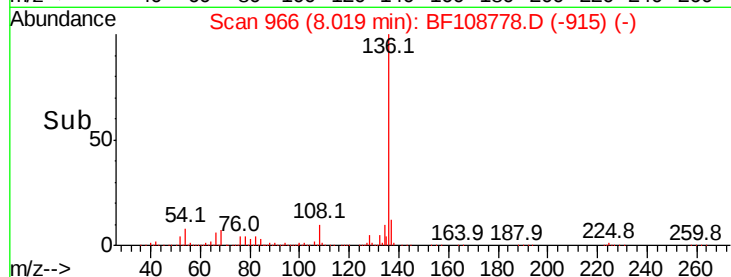
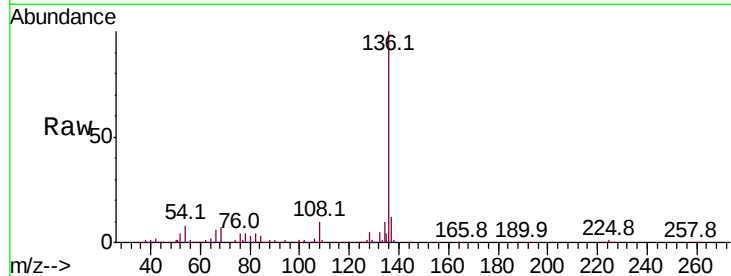
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.2	6.6	9.8
68	6.7	5.0	7.4

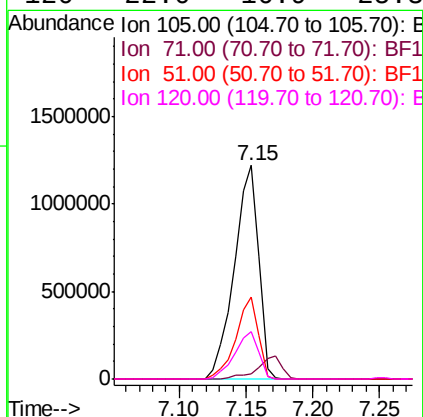
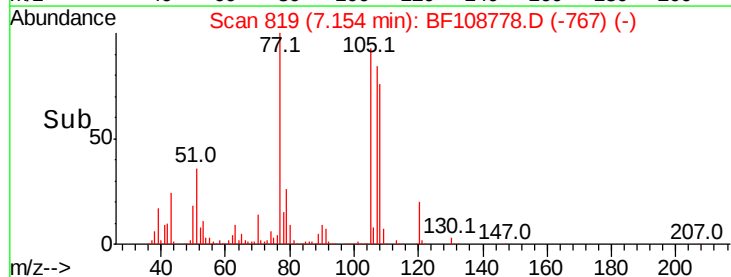
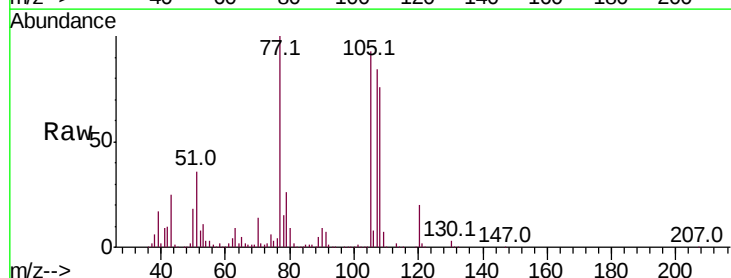
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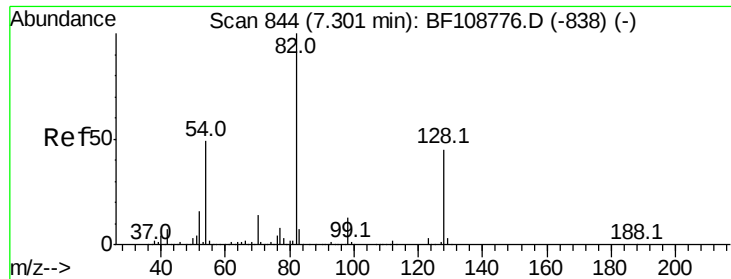
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#22
Acetophenone
Concen: 47.984 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.4	6.6#
51	38.5	22.3	33.5#
120	22.0	16.9	25.3





#23
 Nitrobenzene-d5
 Concen: 97.517 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

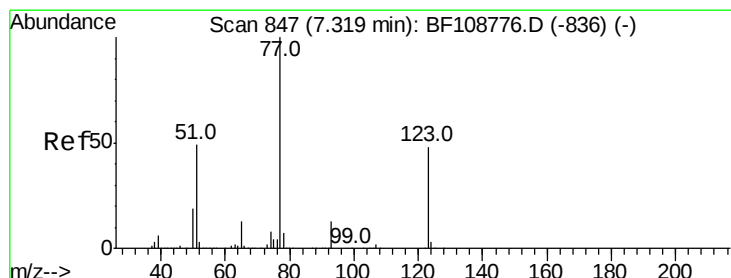
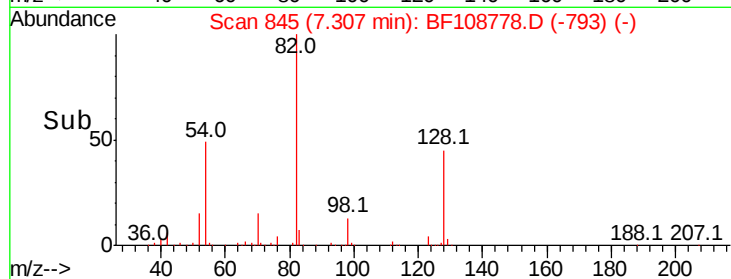
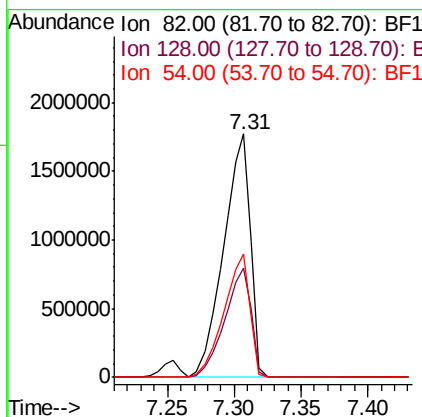
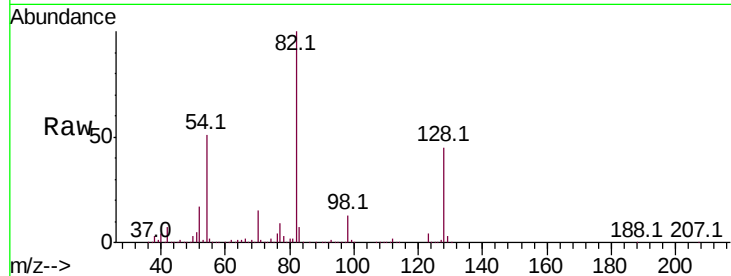
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 82 Resp: 2488305

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.5	41.4	62.2

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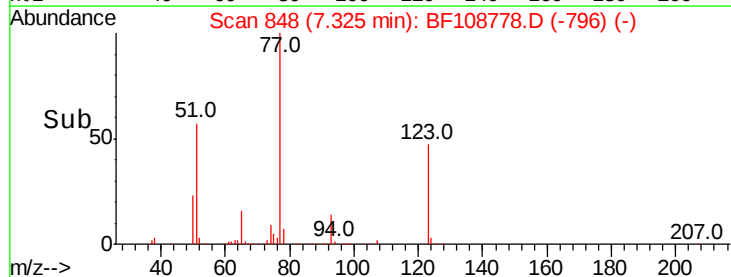
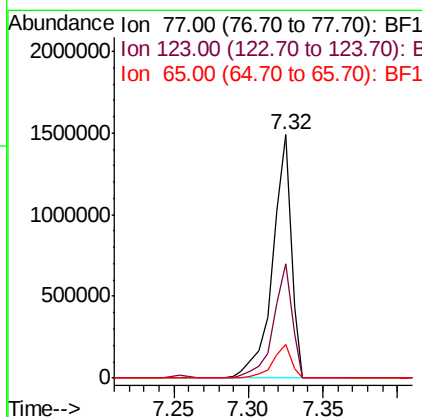
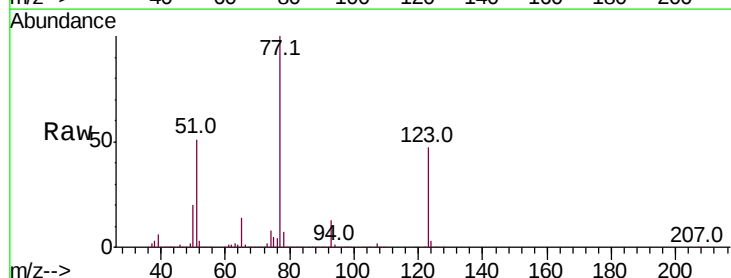
Sohil
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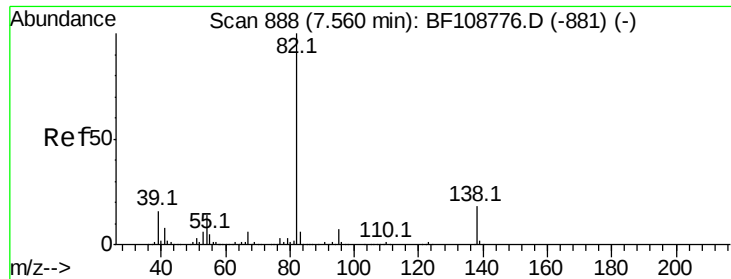


#24
 Nitrobenzene
 Concen: 49.634 ng
 RT: 7.32 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion: 77 Resp: 1284184

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 56.060 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 2376232

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

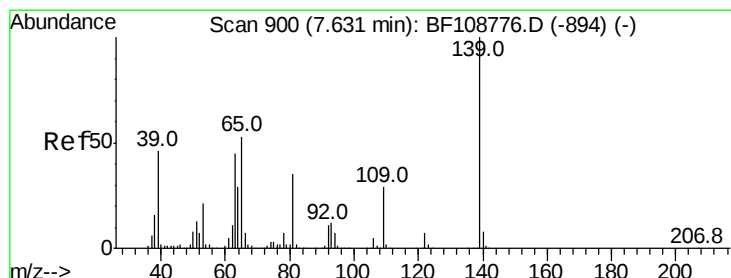
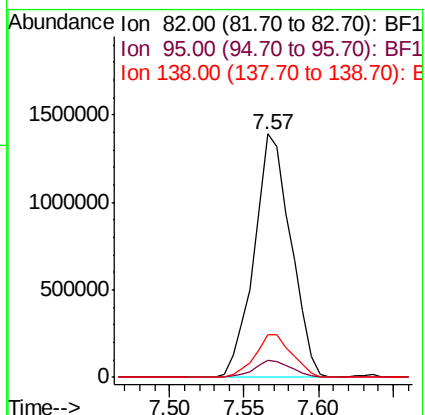
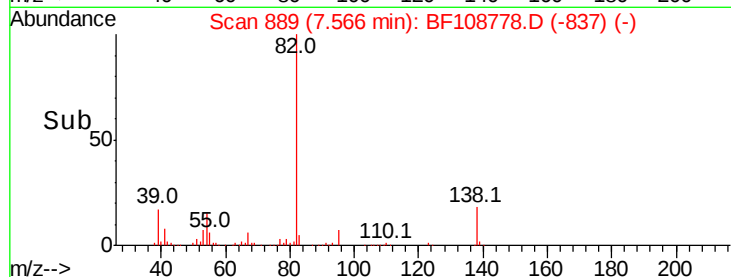
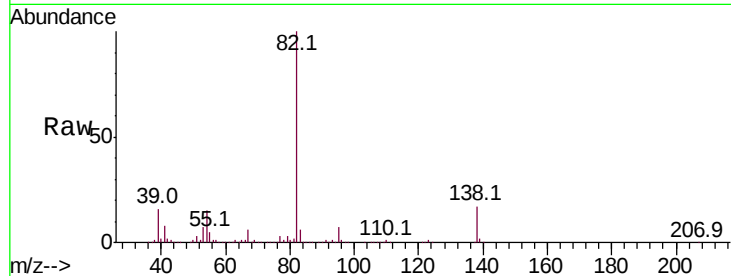
138 17.3 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.326 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

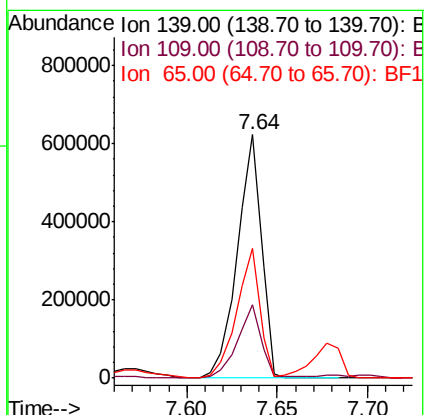
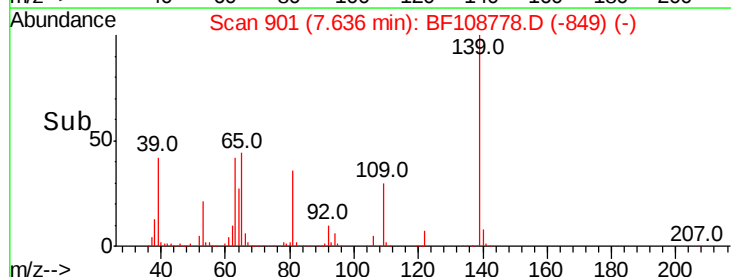
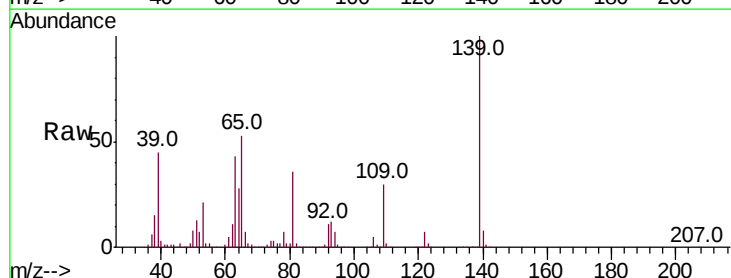
Tgt Ion: 139 Resp: 577727

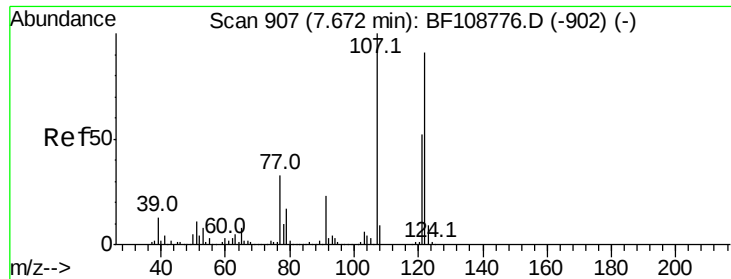
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 53.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 58.813 ng

RT: 7.68 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:122 Resp: 1001825

Ion Ratio Lower Upper

122 100

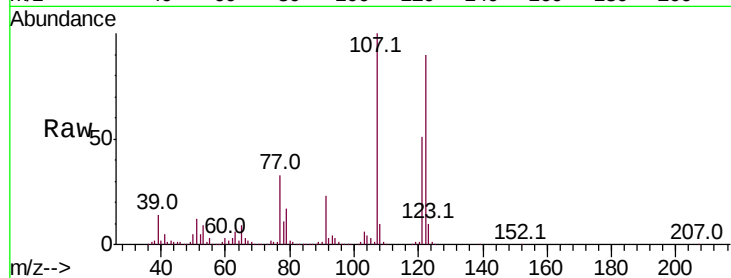
107 110.7 91.2 136.8

121 56.9 47.2 70.8

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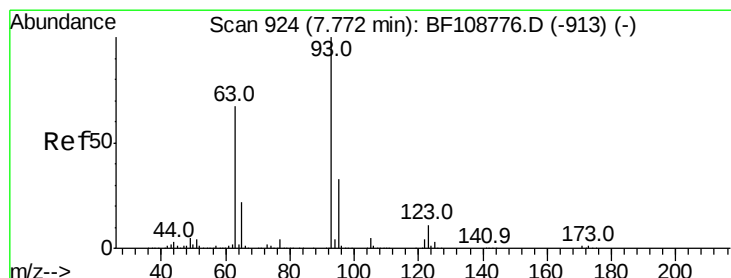
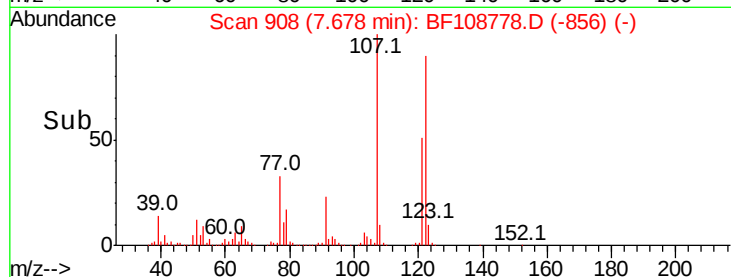
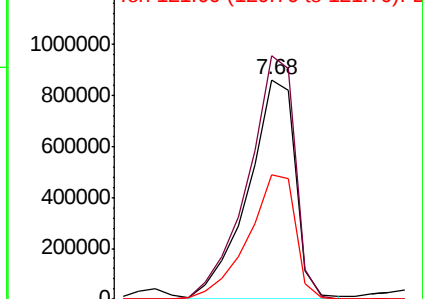
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.526 ng

RT: 7.78 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

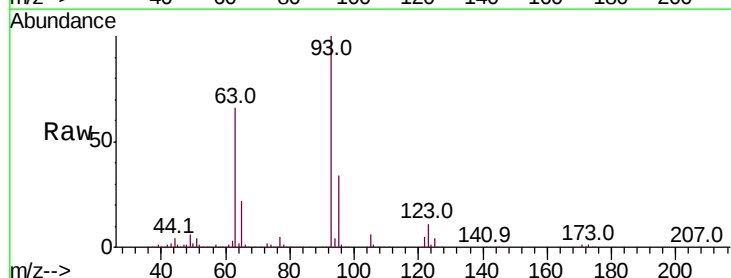
Tgt Ion: 93 Resp: 1513575

Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

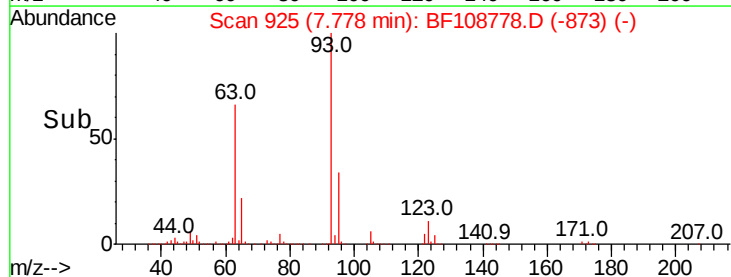
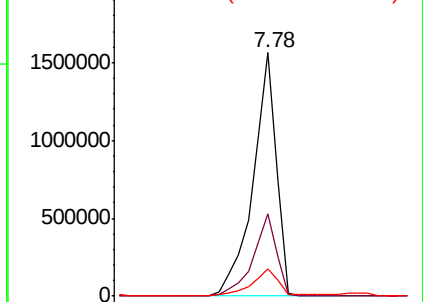
123 11.4 9.8 14.6

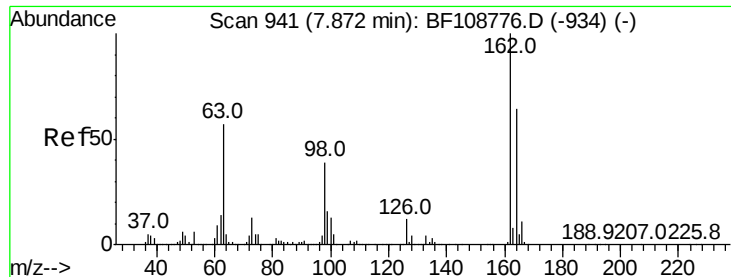


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





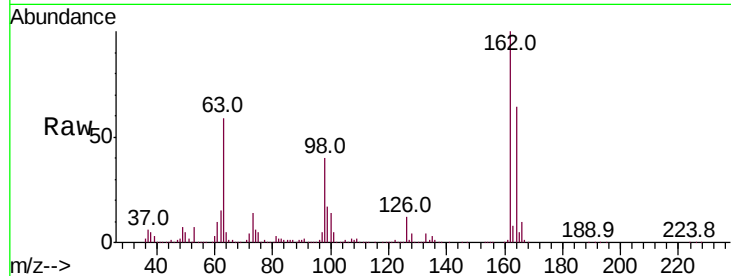
#29
2,4-Dichlorophenol
Concen: 51.912 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	39.6	18.1	58.1

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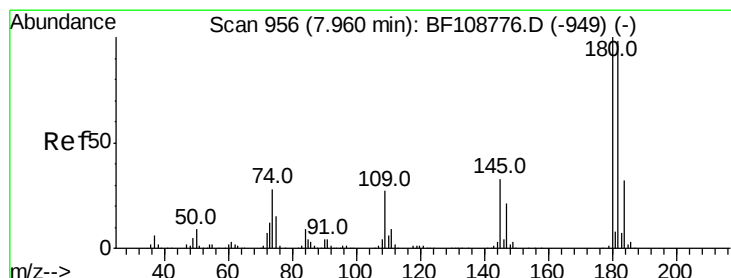
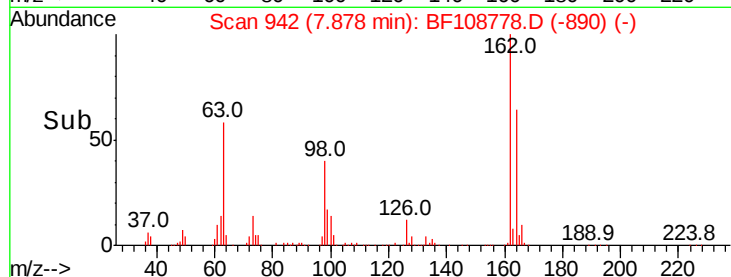
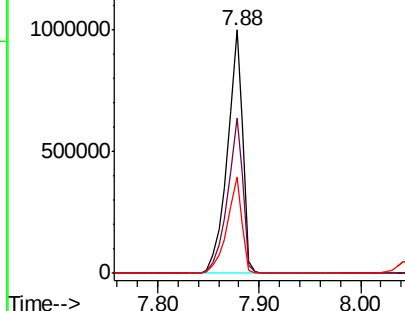


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 48.021 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

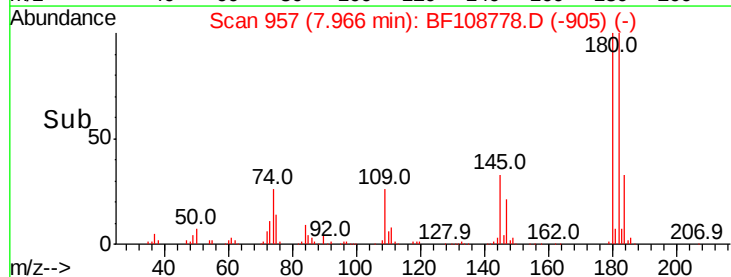
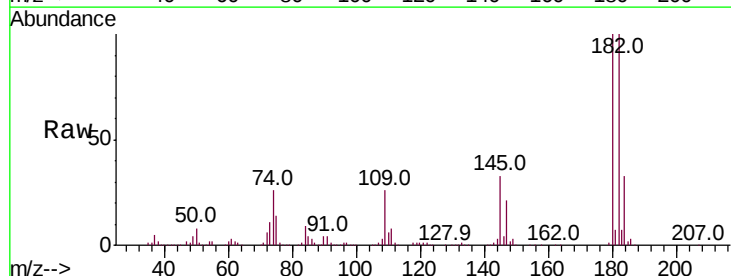
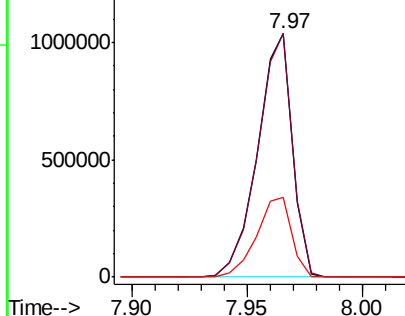
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
145	32.8	26.5	39.7

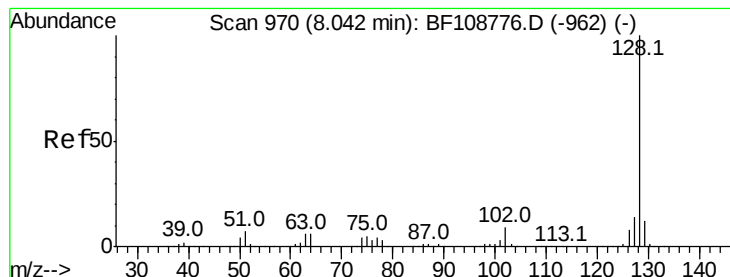
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.670 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 3002505

Ion Ratio Lower Upper

128 100

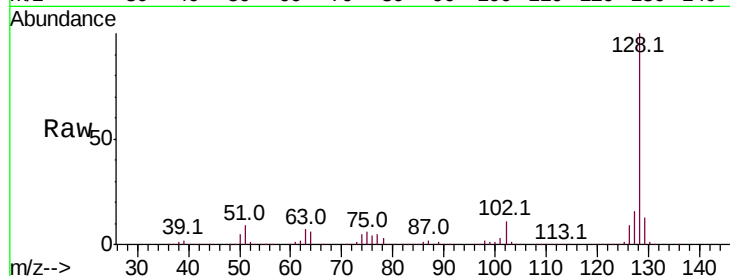
129 12.9 8.8 13.2

127 15.5 10.9 16.3

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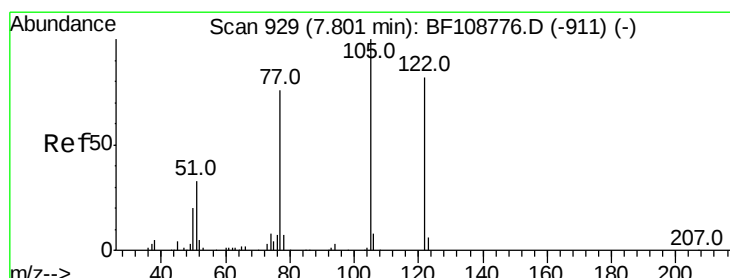
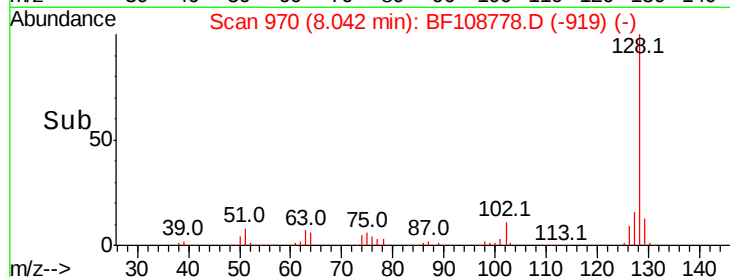
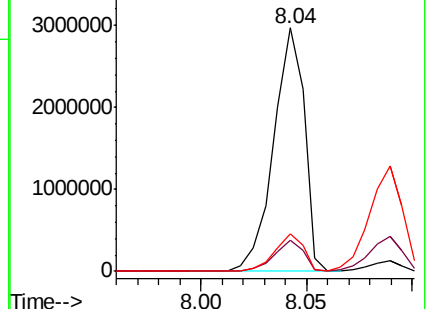
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 72.100 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.04 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

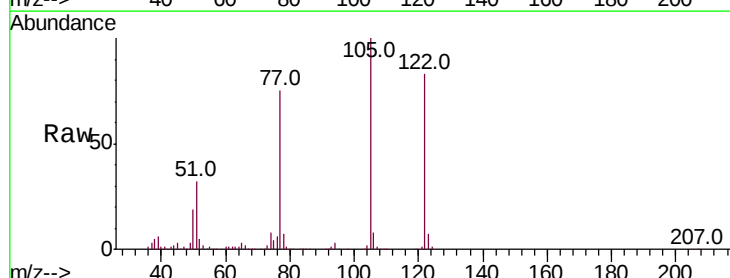
Tgt Ion:122 Resp: 787619

Ion Ratio Lower Upper

122 100

105 119.9 101.1 141.1

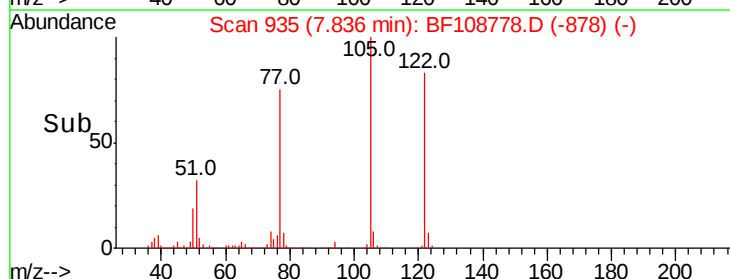
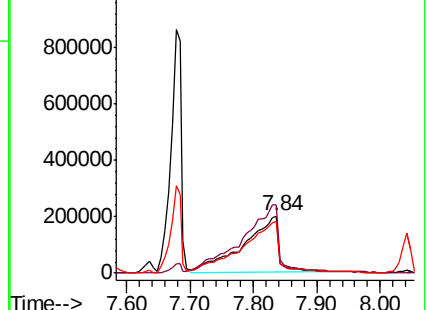
77 89.9 70.7 110.7

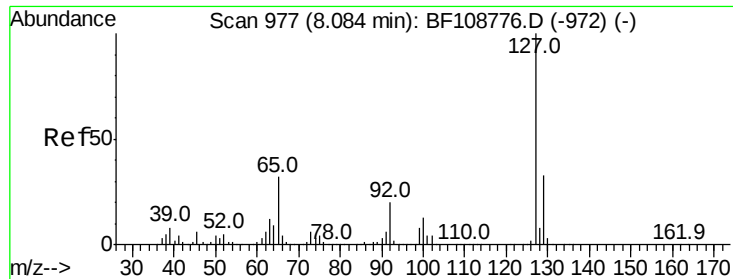


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





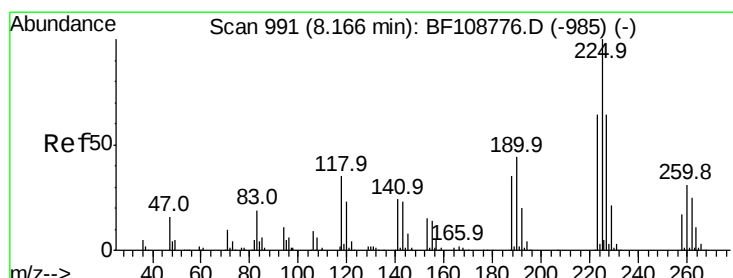
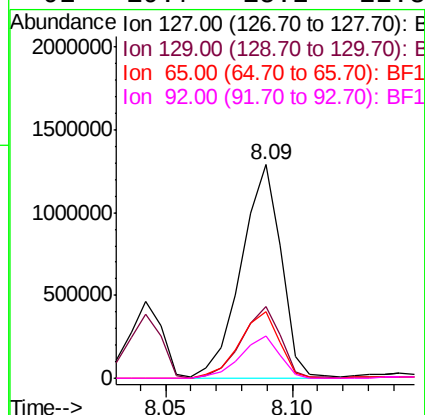
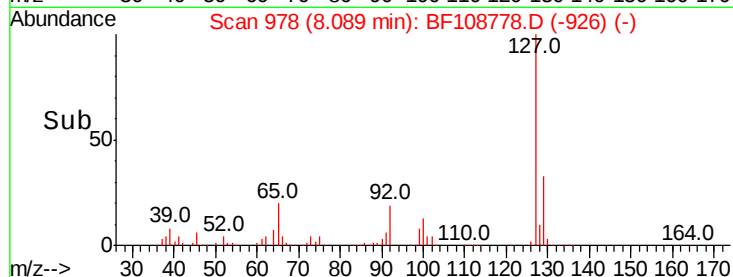
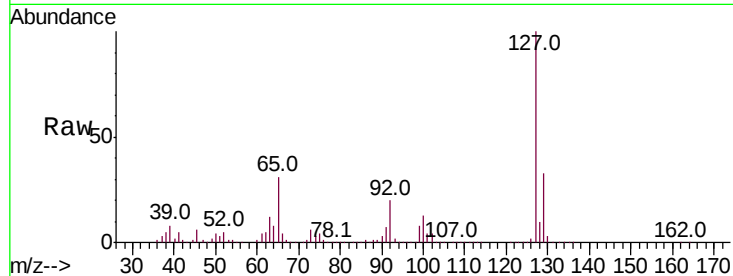
#33
4-Chloroaniline
Concen: 51.991 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	31.2	25.0	37.4
92	19.7	15.2	22.8

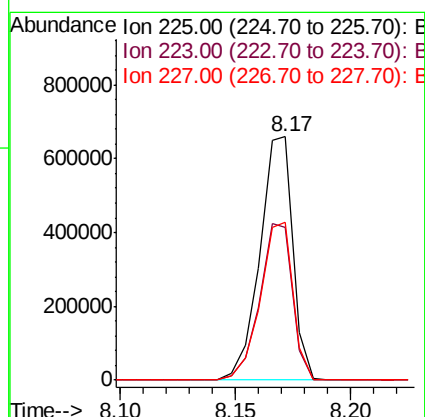
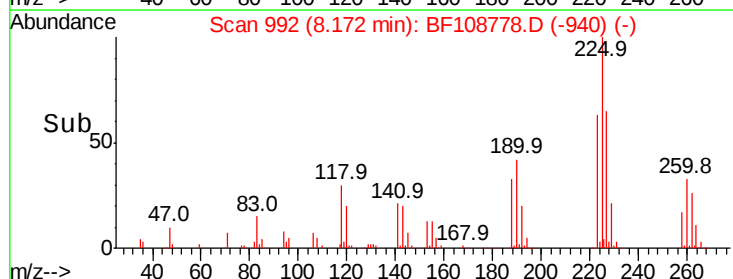
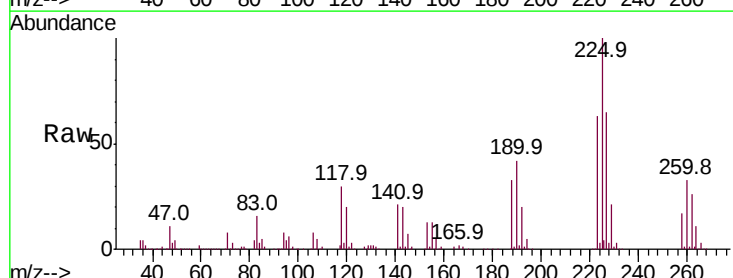
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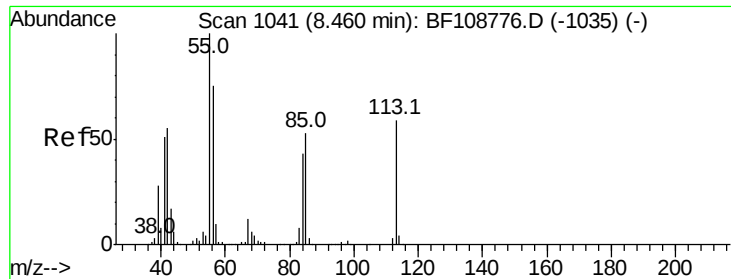
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#34
Hexachlorobutadiene
Concen: 44.188 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	65.0	51.9	77.9





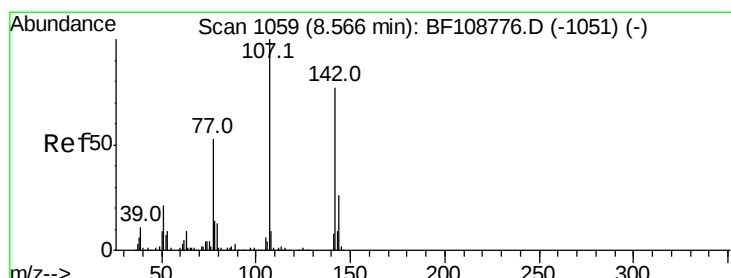
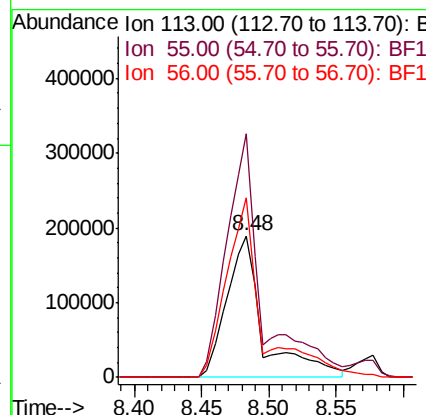
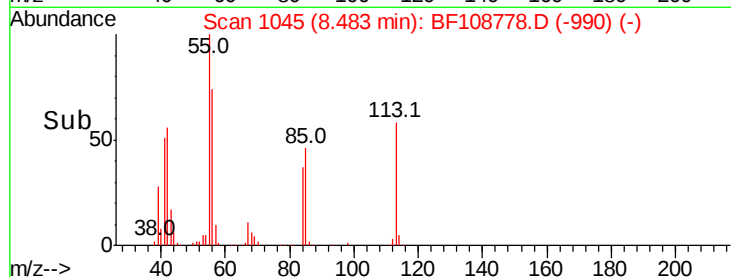
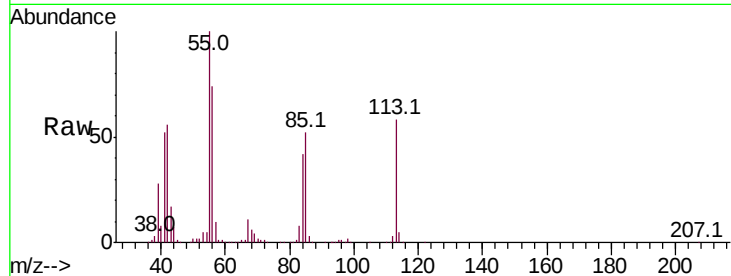
#35
Caprolactam
Concen: 66.022 ng/ml
RT: 8.48 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.8	163.3	203.3
56	126.5	115.7	155.7

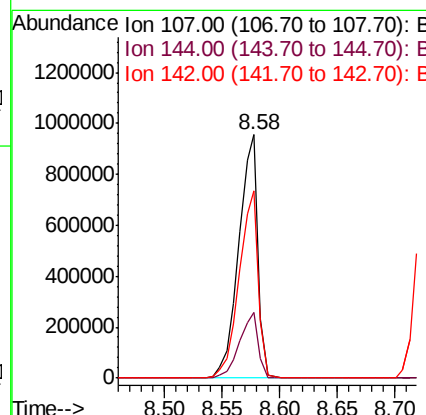
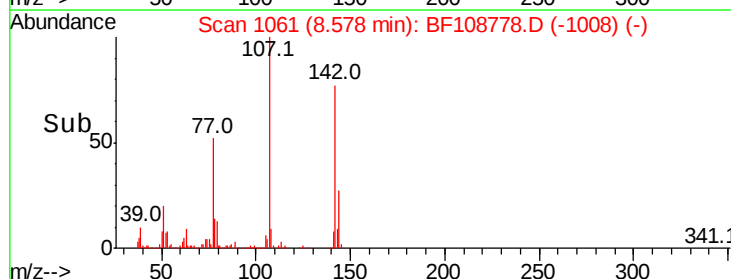
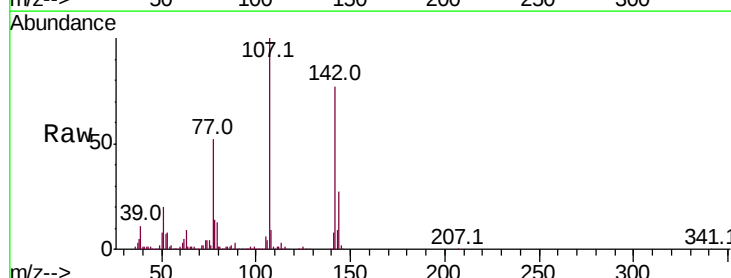
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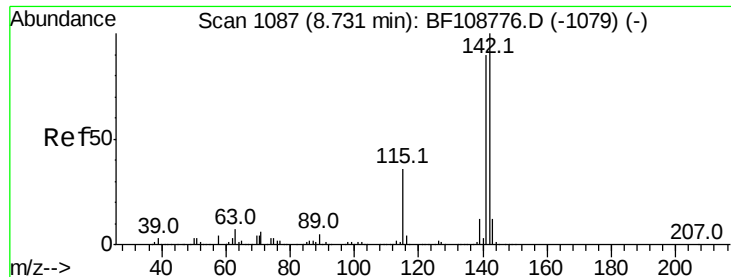
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#36
4-Chloro-3-methylphenol
Concen: 50.526 ng/ml
RT: 8.58 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	77.2	62.0	93.0





#37

2-Methylnaphthalene

Concen: 47.789 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF108778.D

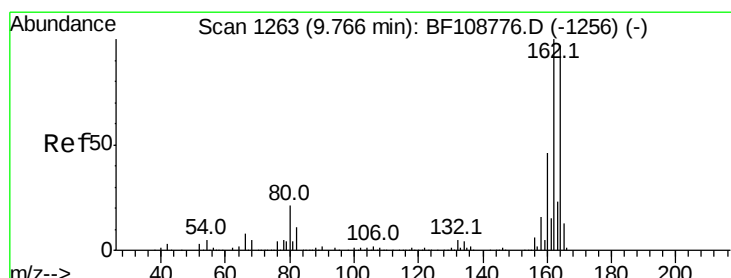
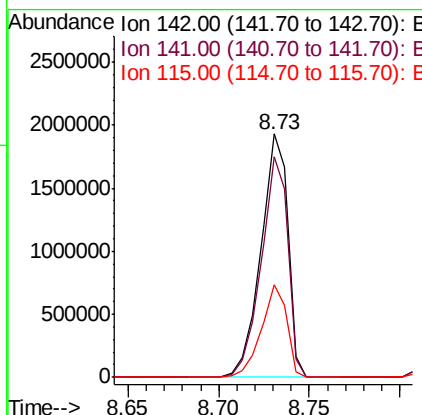
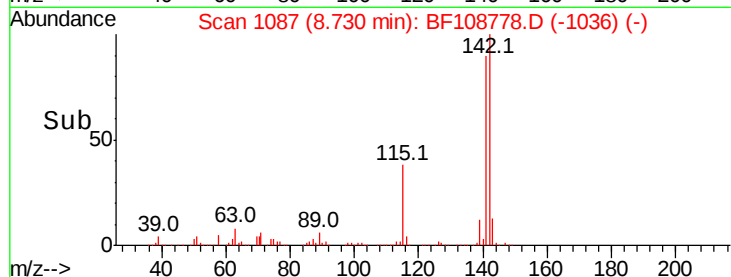
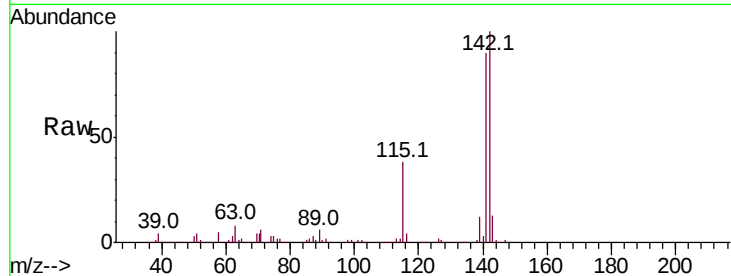
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	38.0	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

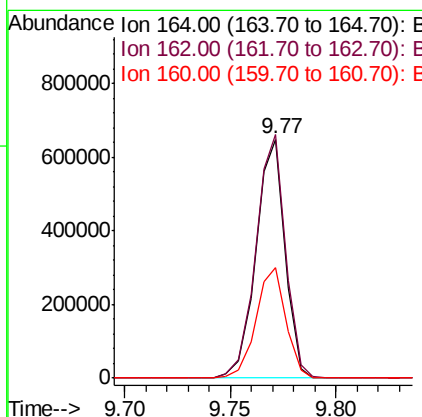
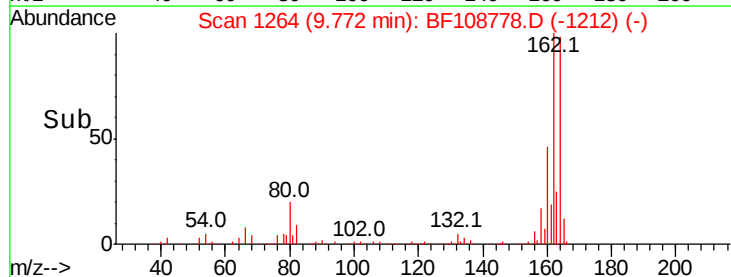
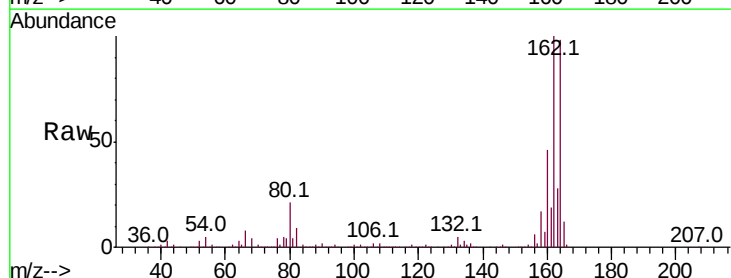
RT: 9.77 min Scan# 1264

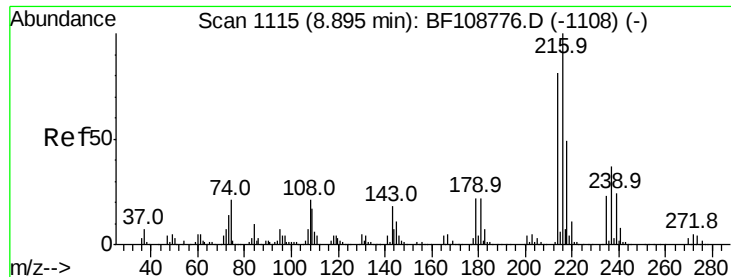
Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.6	38.3	57.5





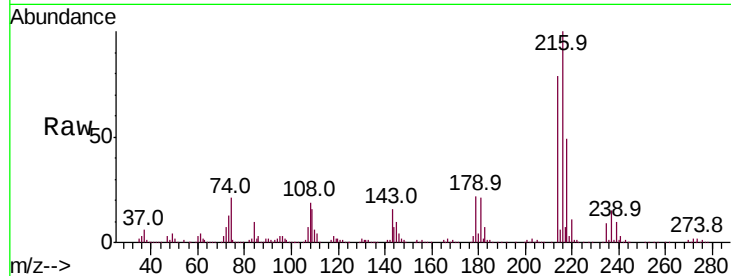
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.578 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

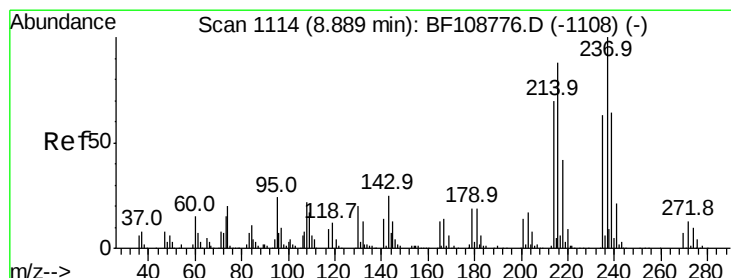
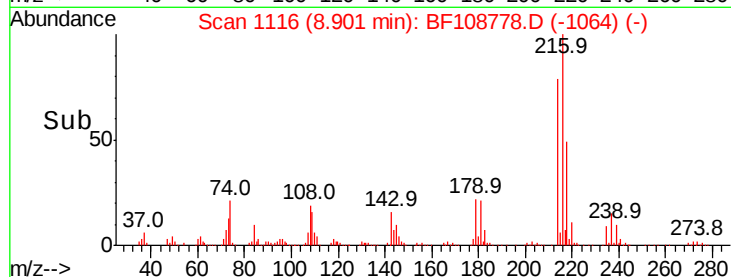
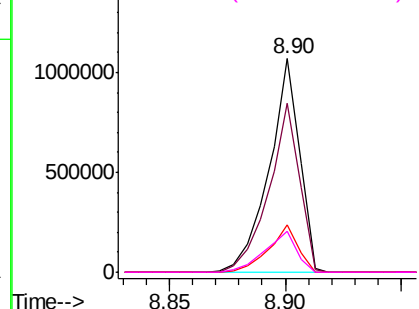
Tot Ion	Ratio	Resp	Lower	Upper
216	100	977952		
214	79.6	63.0	94.4	
179	21.4	18.1	27.1	
108	20.0	17.2	25.8	

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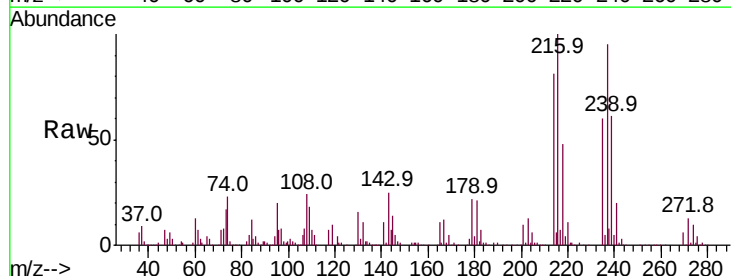


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

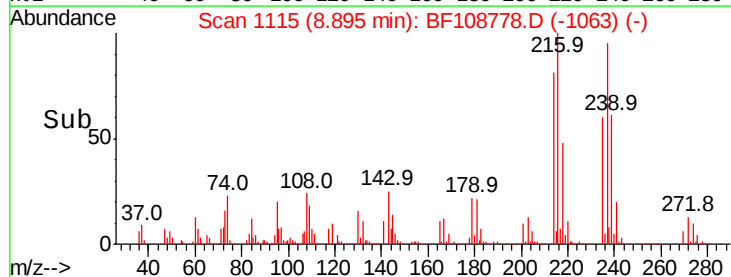
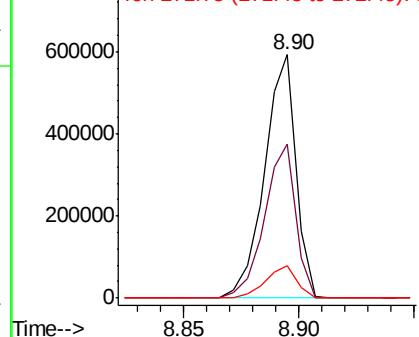


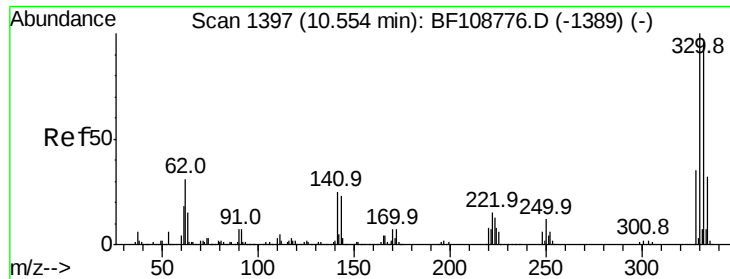
#40
 Hexachlorocyclopentadiene
 Concen: 72.138 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	560516		
235	63.1	44.8	84.8	
272	13.4	0.0	33.3	



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





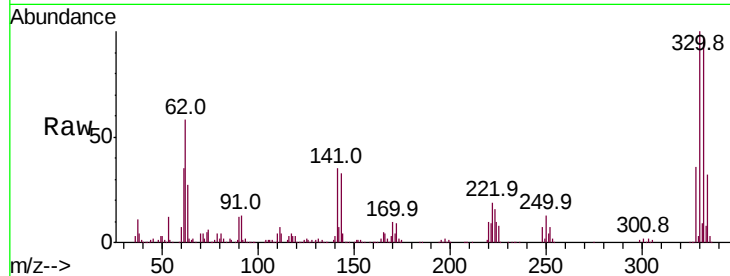
#41
 2,4,6-Tribromophenol
 Concen: 83.395 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	680310		
332	97.0	77.0	115.6	
141	32.9	29.9	44.9	

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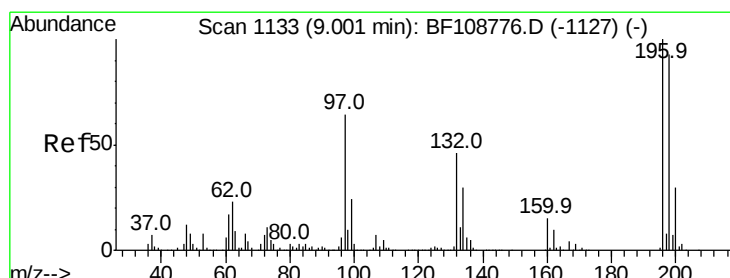
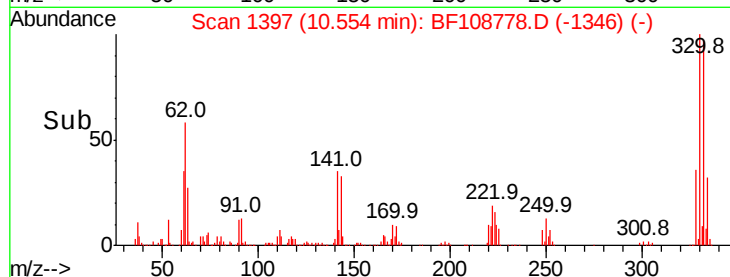
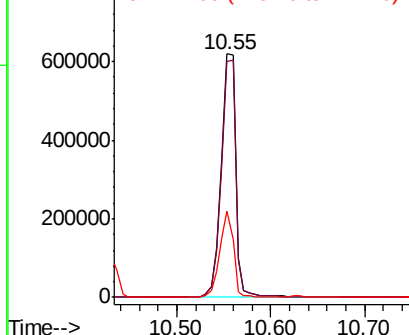


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 58.587 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

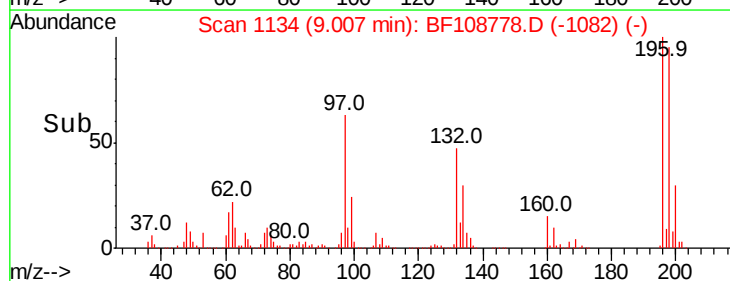
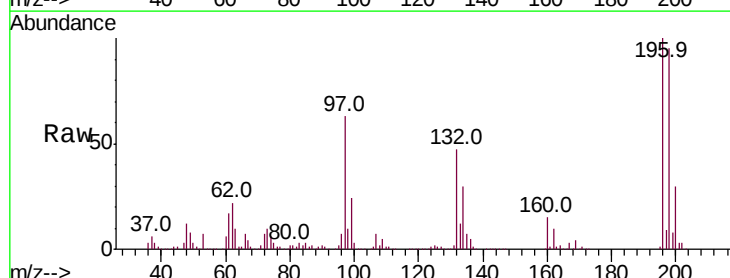
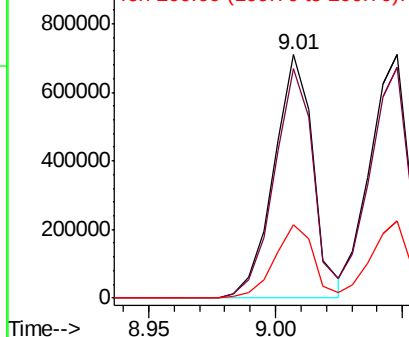
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	761129		
198	94.5	75.7	113.5	
200	30.1	24.5	36.7	

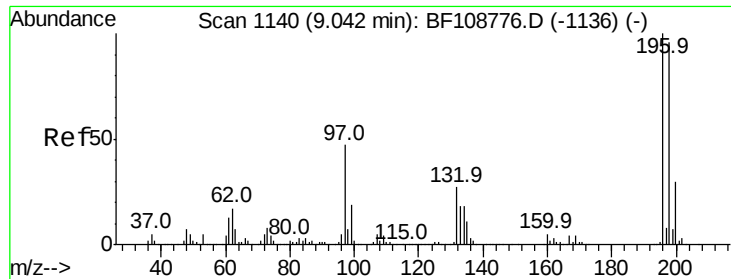
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





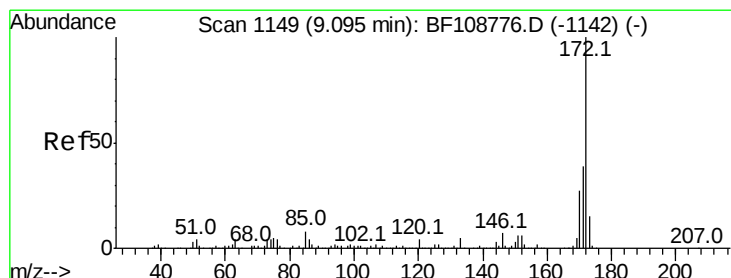
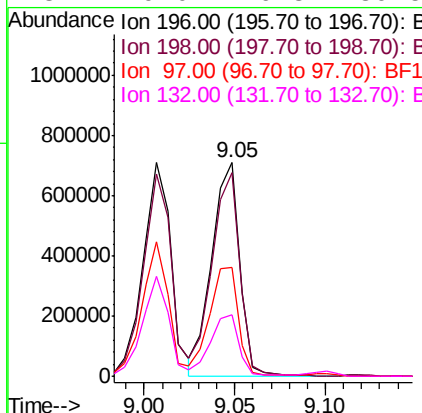
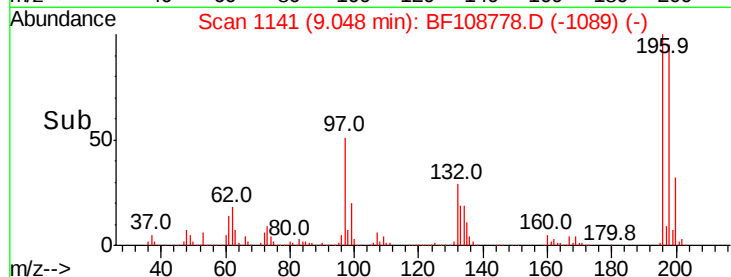
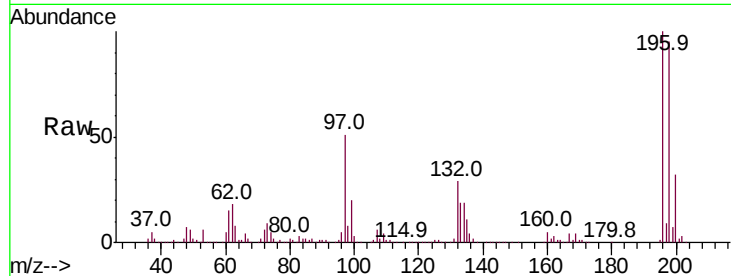
#43
 2,4,5-Trichlorophenol
 Concen: 50.113 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	196	Resp:	759176
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.6	112.0
97	50.8	42.9	64.3
132	29.0	26.3	39.5

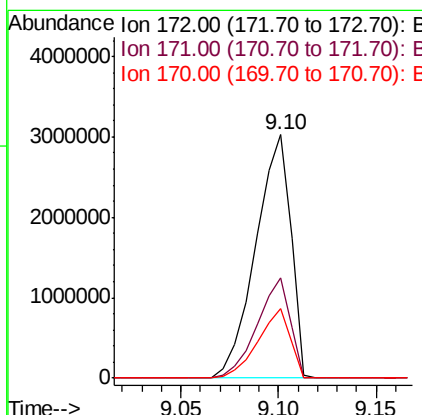
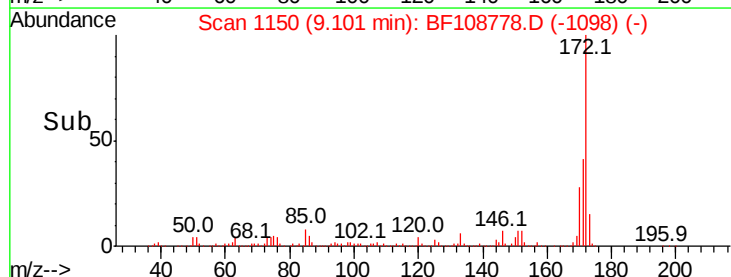
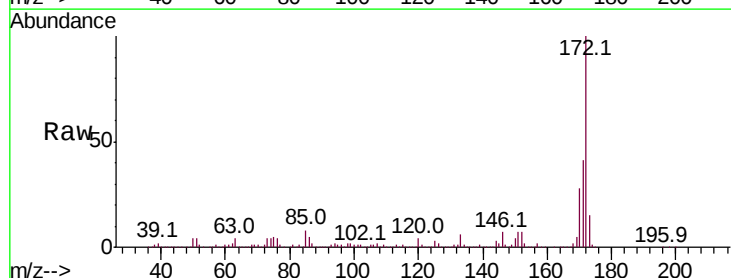
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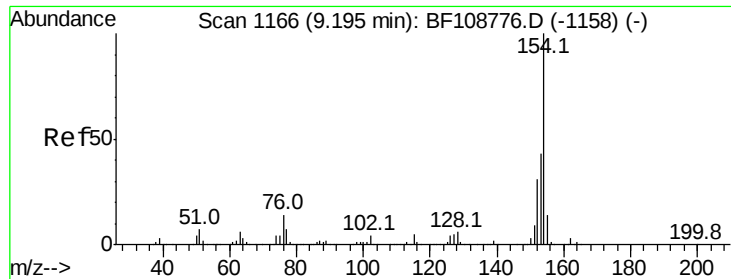
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#44
 2-Fluorobiphenyl
 Concen: 81.985 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion:	172	Resp:	3767880
Ion Ratio	Lower	Upper	
172	100		
171	41.4	29.7	44.5
170	28.5	19.6	29.4





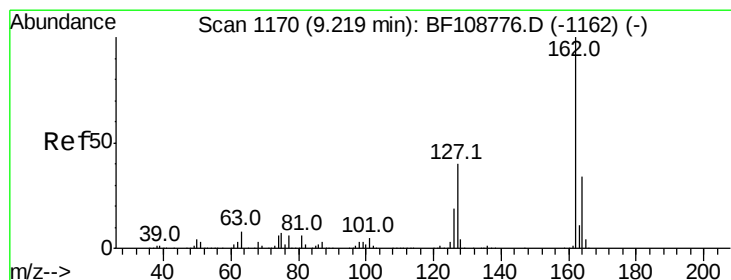
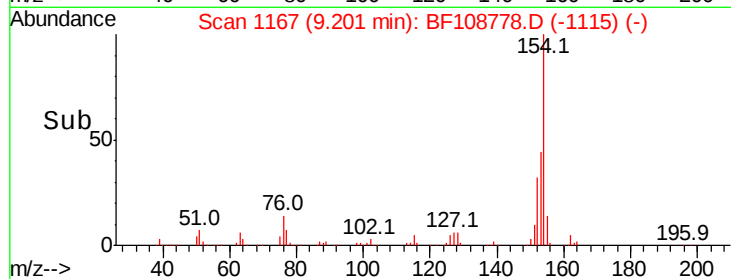
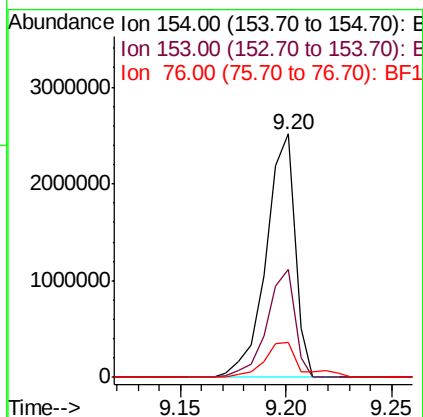
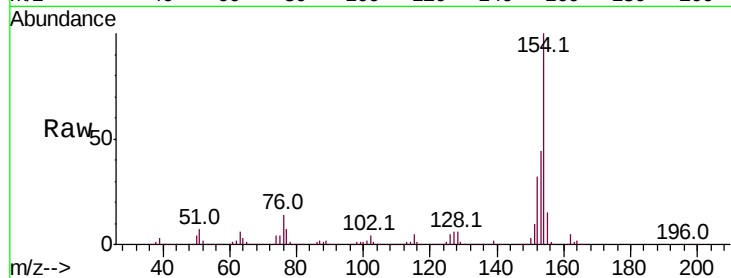
#45
1,1'-Biphenyl
Concen: 44.741 ng
RT: 9.20 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.4	21.3	61.3
76	14.2	0.0	34.0

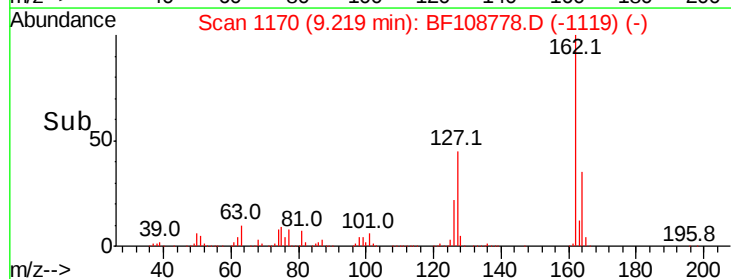
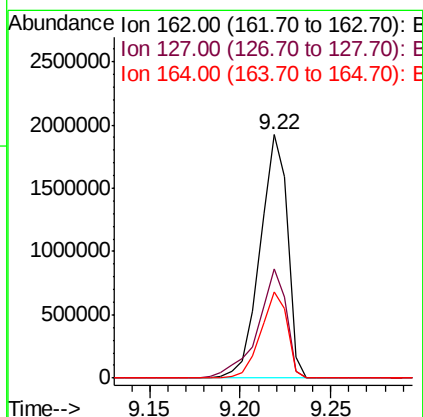
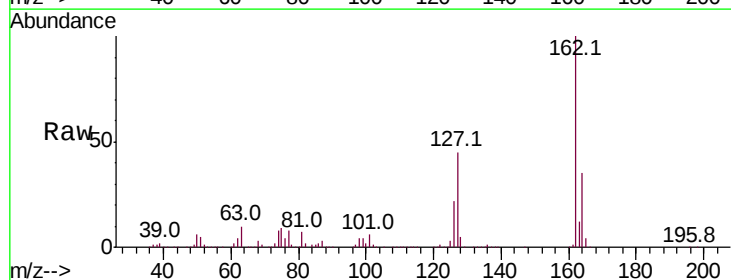
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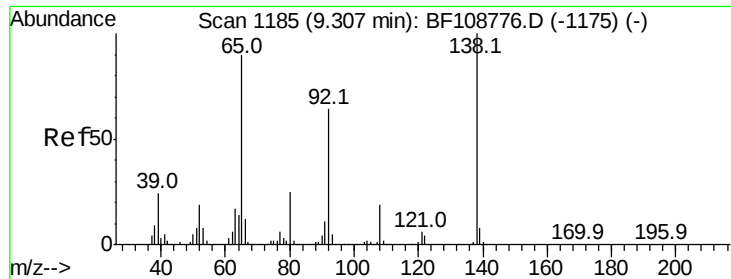
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#46
2-Chloronaphthalene
Concen: 47.828 ng
RT: 9.22 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.1	33.9	50.9
164	35.1	26.5	39.7





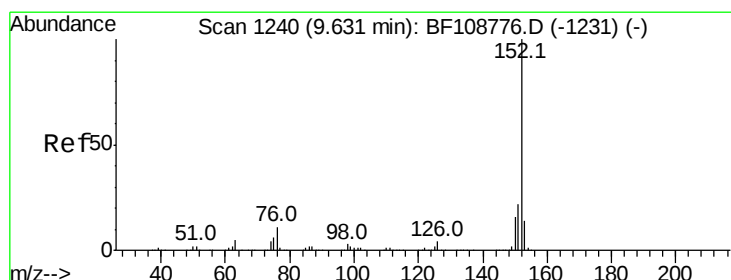
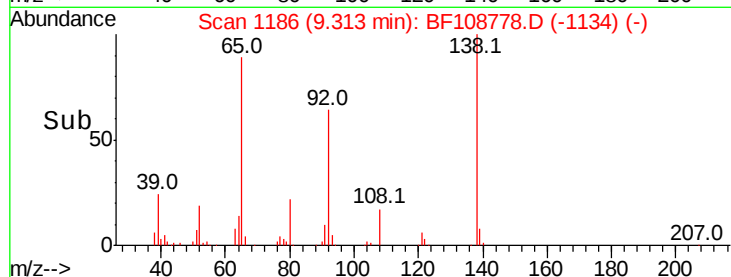
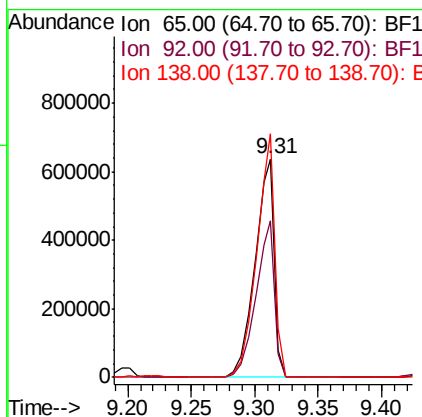
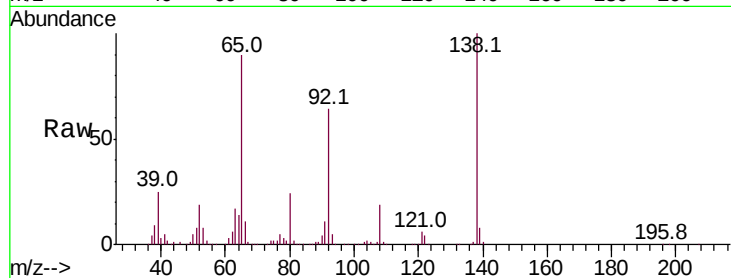
#47
2-Nitroaniline
Concen: 47.956 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.8	83.6
138	111.6	91.2	136.8

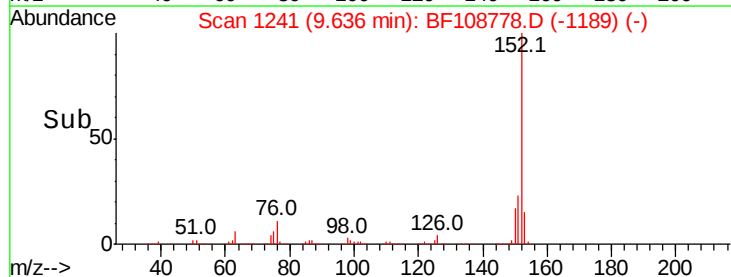
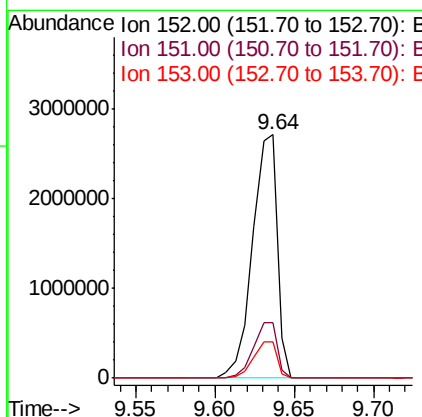
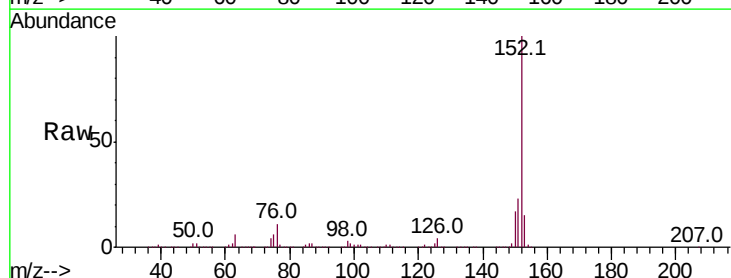
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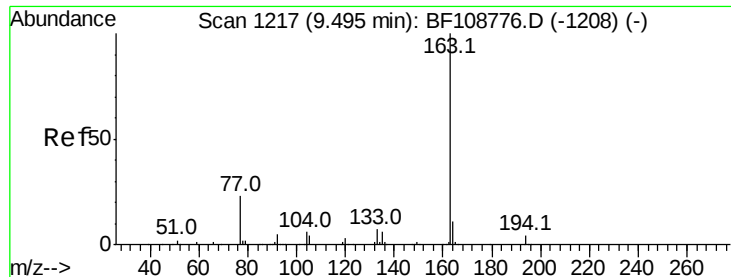
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#48
Acenaphthylene
Concen: 47.807 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.3	24.5
153	14.7	10.7	16.1





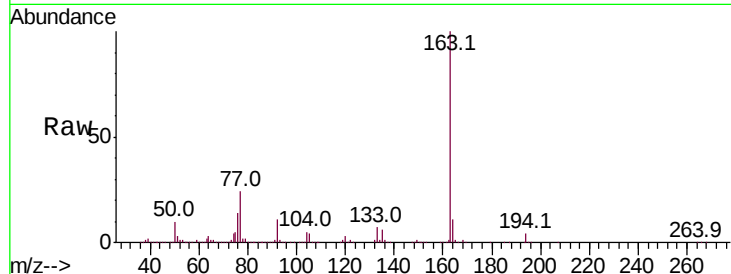
#49
Dimethylphthalate
Concen: 47.586 ng
RT: 9.51 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

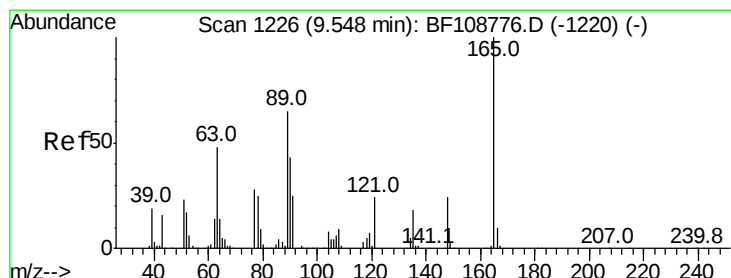
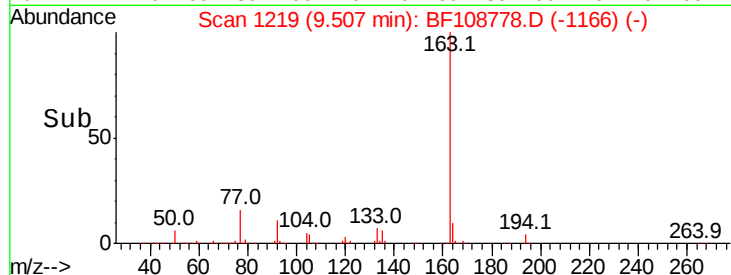
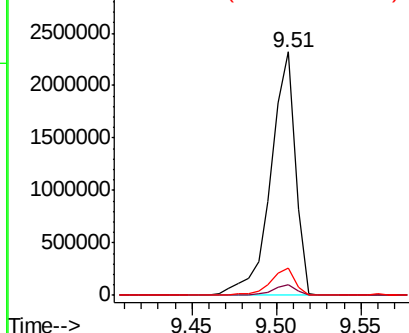
Tot Ion:163 Resp: 2315546
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 11.1 8.2 12.2

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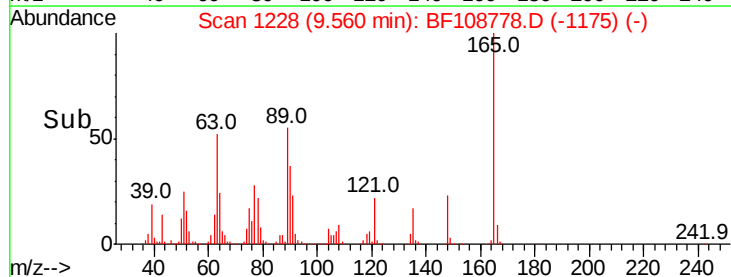
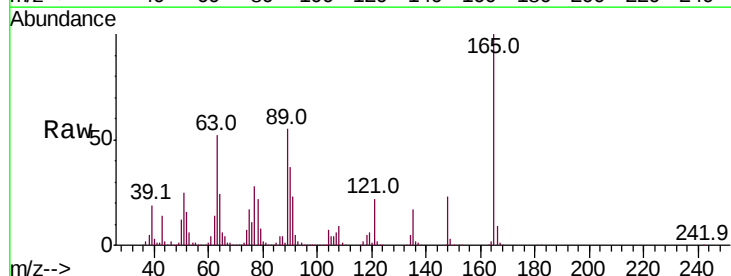
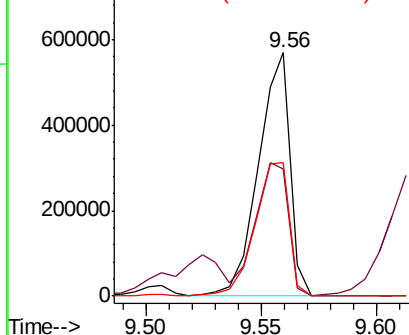
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

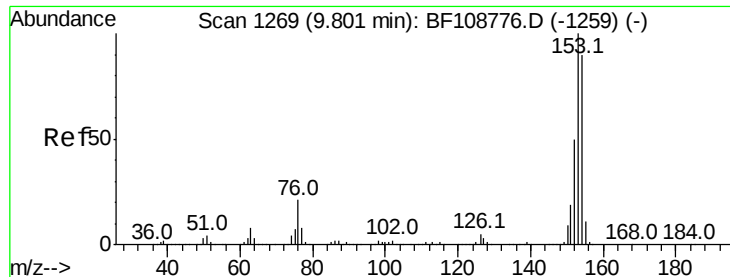


#50
2,6-Dinitrotoluene
Concen: 50.613 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion:165 Resp: 542879
Ion Ratio Lower Upper
165 100
63 52.0 44.7 67.1
89 55.1 44.0 66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 51.505 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampled :

SSTDIC060

Tot Ion:154 Resp: 1898785

Ion Ratio Lower Upper

154 100

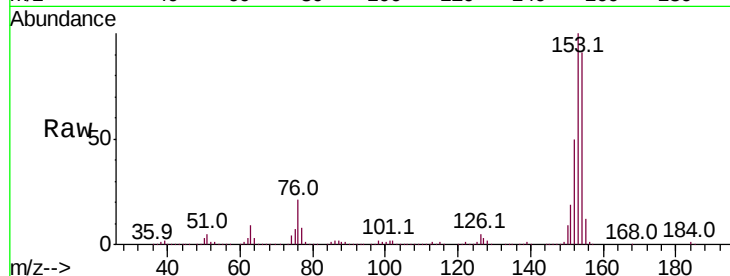
153 110.4 91.2 136.8

152 55.5 43.8 65.8

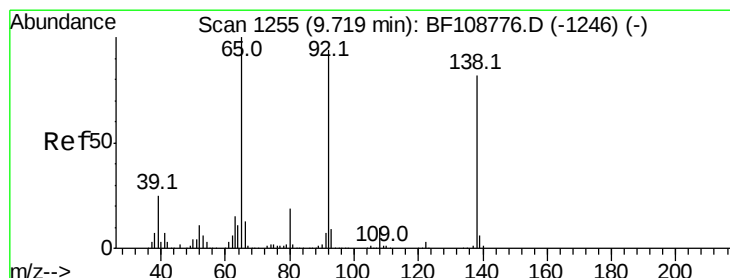
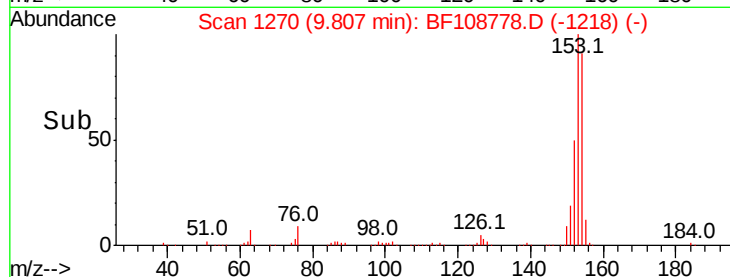
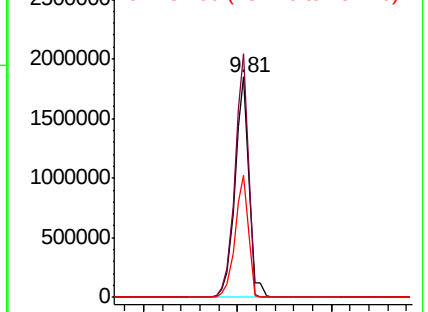
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 53.857 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

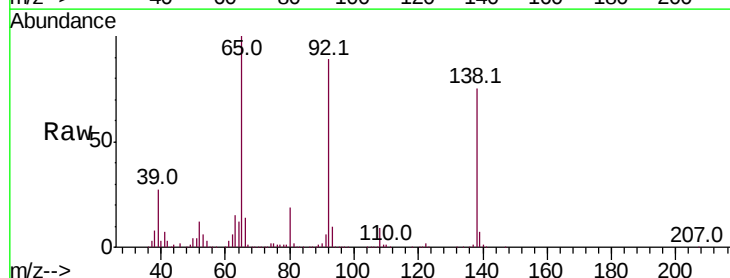
Tgt Ion:138 Resp: 624922

Ion Ratio Lower Upper

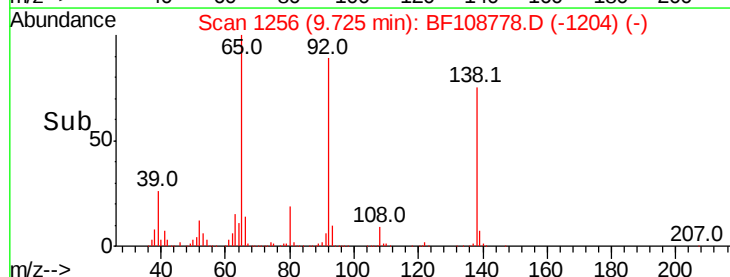
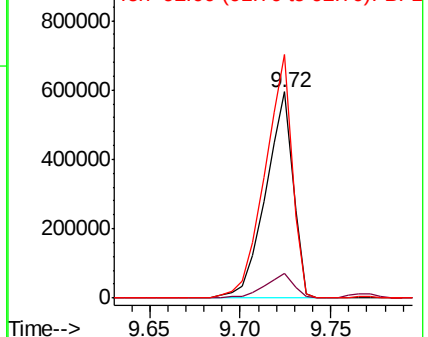
138 100

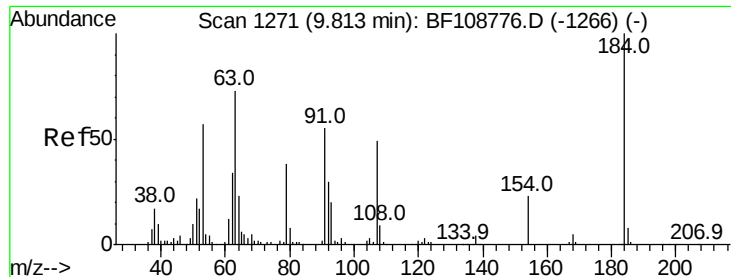
108 12.1 9.4 14.0

92 118.2 89.4 134.2



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





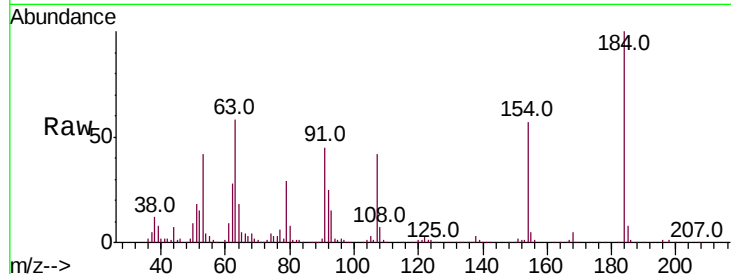
#53
2,4-Dinitrophenol
Concen: 48.445 ng
RT: 9.82 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampled :
SSTDIC060

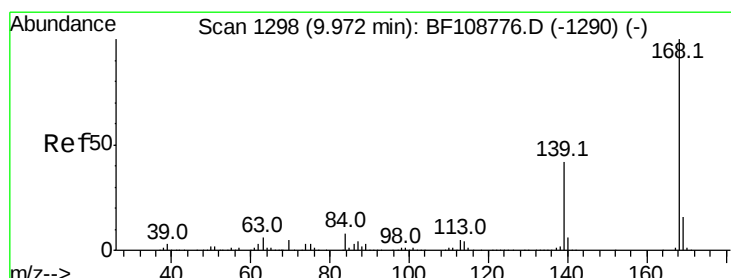
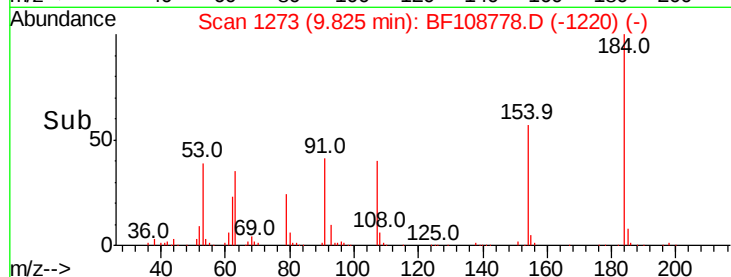
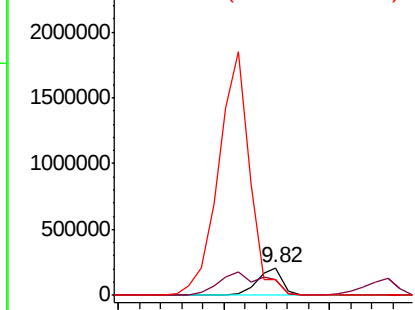
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.7	54.2	81.2
154	56.7	184.0	276.0#

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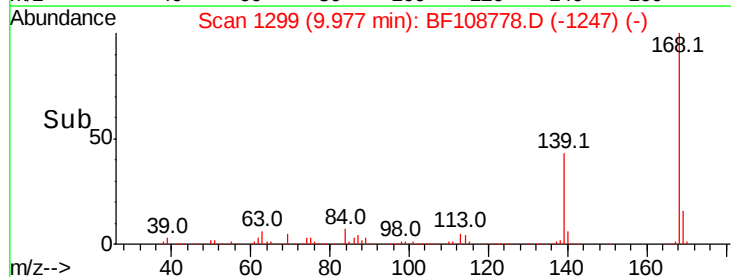
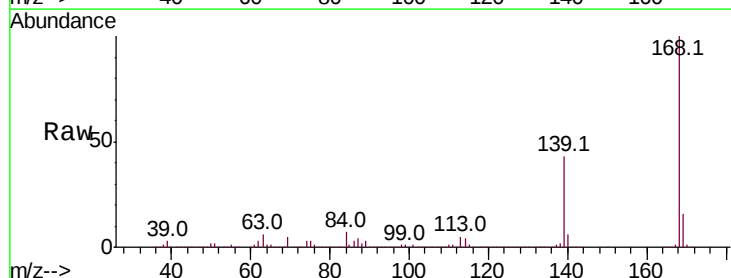
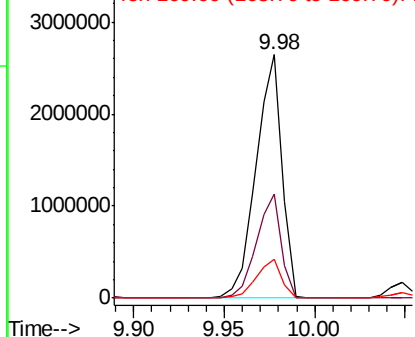
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

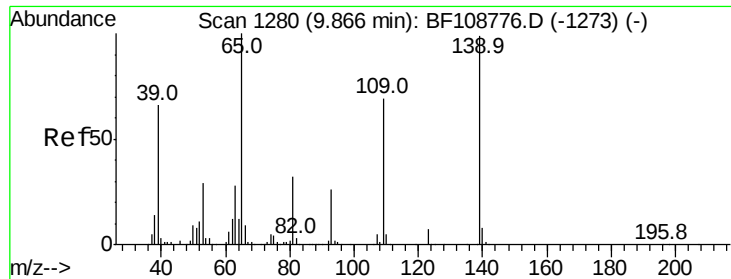


#54
Dibenzofuran
Concen: 45.535 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	30.1	45.1
169	16.0	10.9	16.3

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





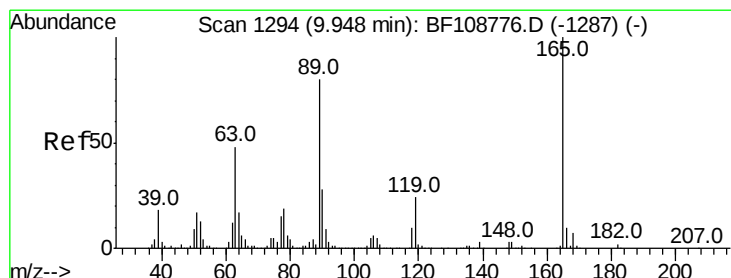
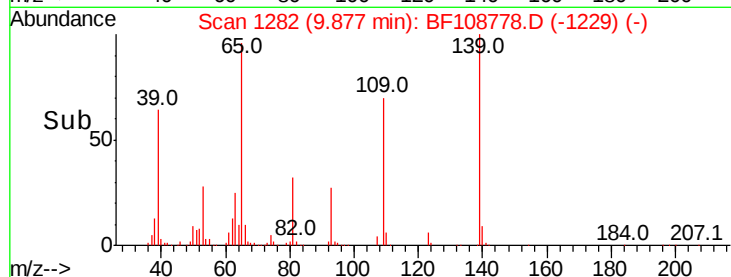
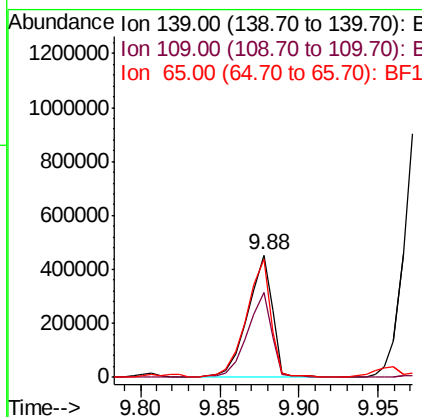
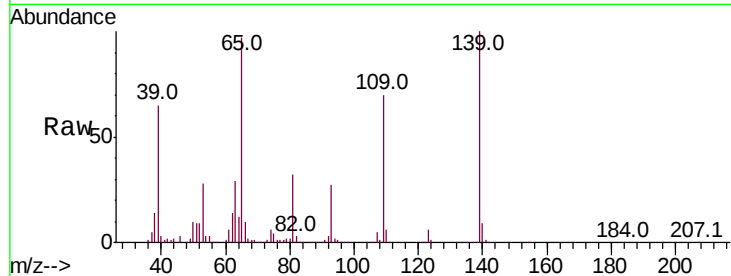
#55
4-Nitrophenol
Concen: 76.019 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	485079		
109	69.9	48.4	88.4	
65	97.0	72.6	112.6	

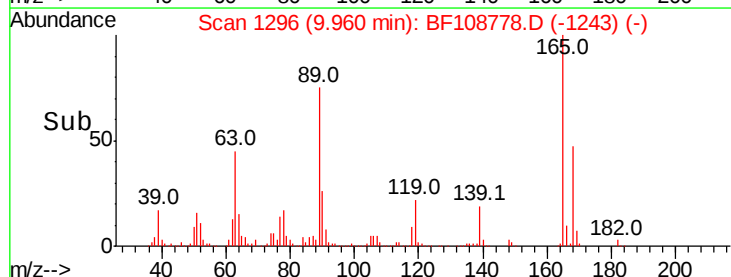
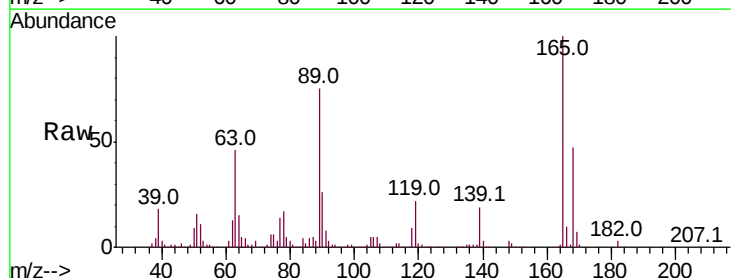
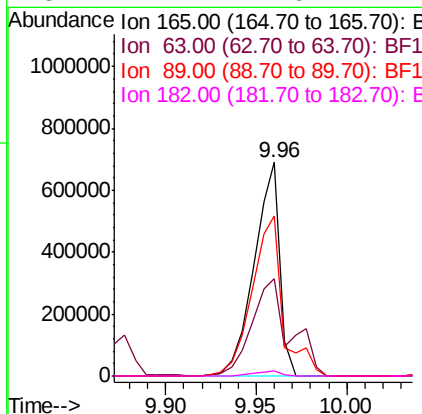
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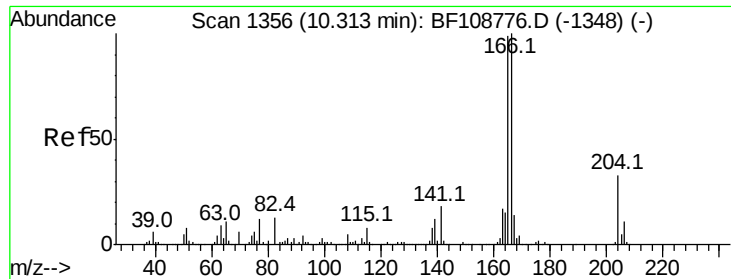
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#56
2,4-Dinitrotoluene
Concen: 47.439 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	673733		
63	45.5	36.4	54.6	
89	75.1	57.8	86.6	
182	2.7	1.6	2.4#	





#57

Fluorene

Concen: 38.713 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1730688

Ion Ratio Lower Upper

166 100

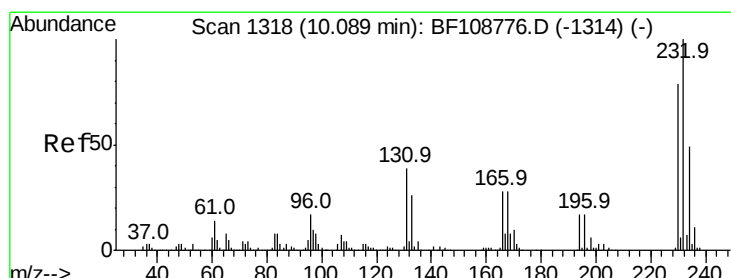
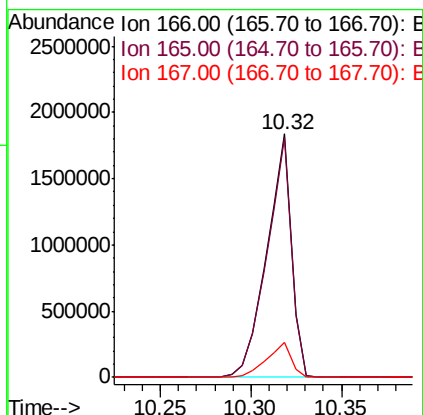
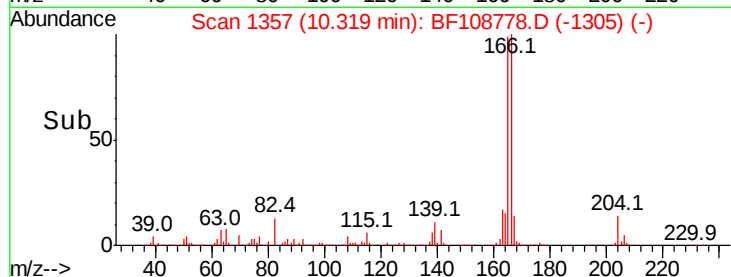
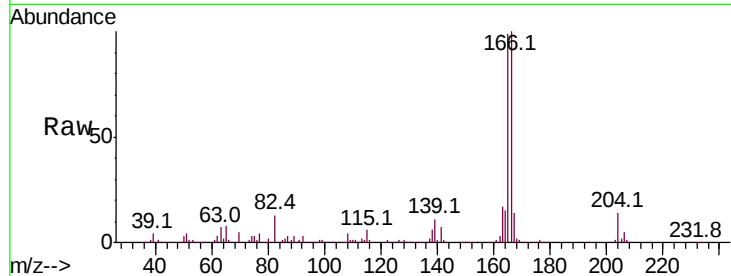
165 98.5 79.8 119.8

167 14.2 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.248 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Tgt Ion:232 Resp: 627665

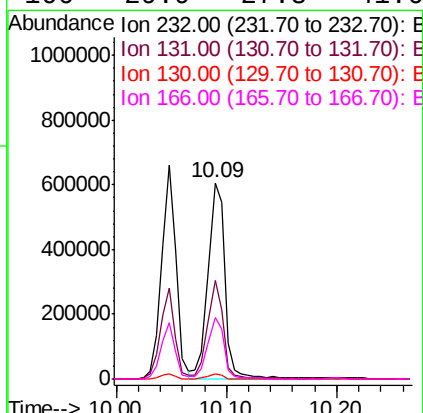
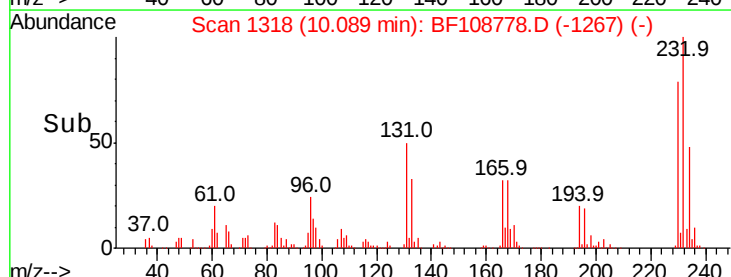
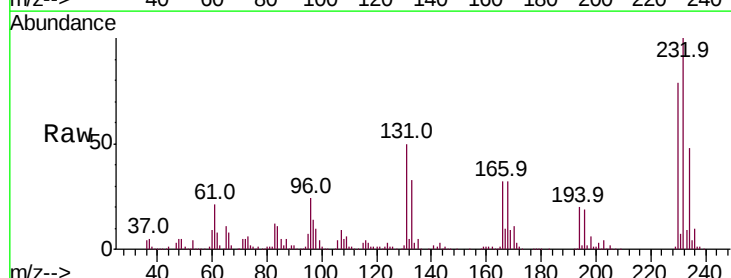
Ion Ratio Lower Upper

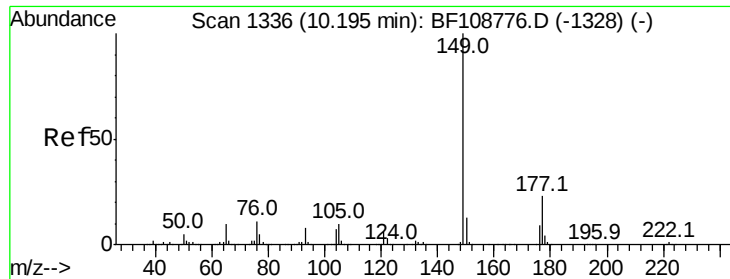
232 100

131 46.2 43.8 65.8

130 2.2 2.1 3.1

166 29.9 27.8 41.6





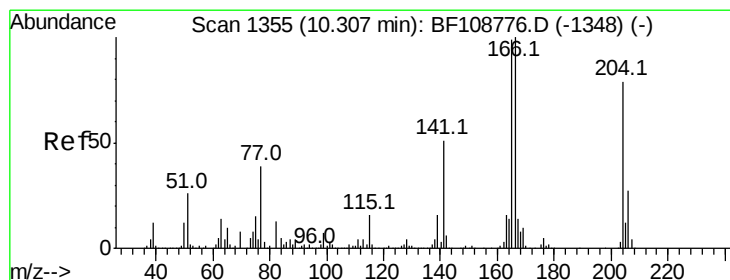
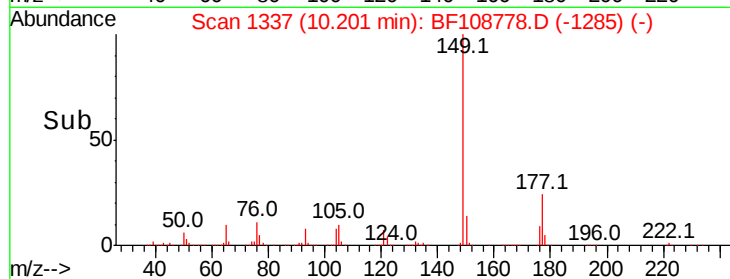
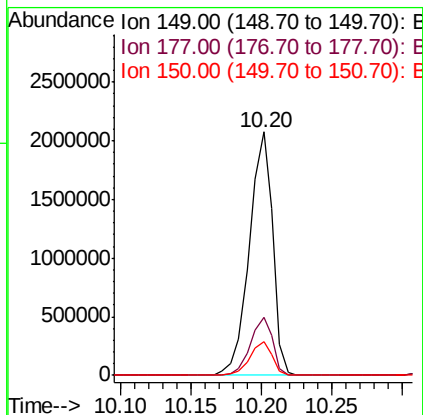
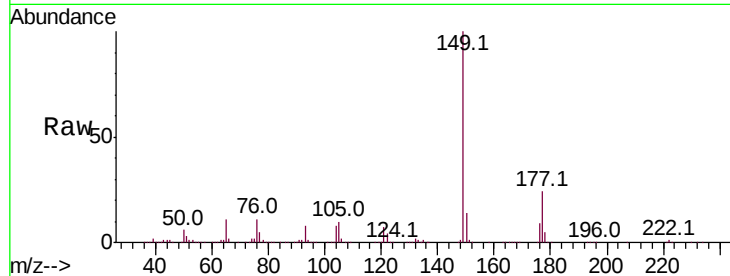
#59
Diethylphthalate
Concen: 49.130 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	14.0	10.1	15.1

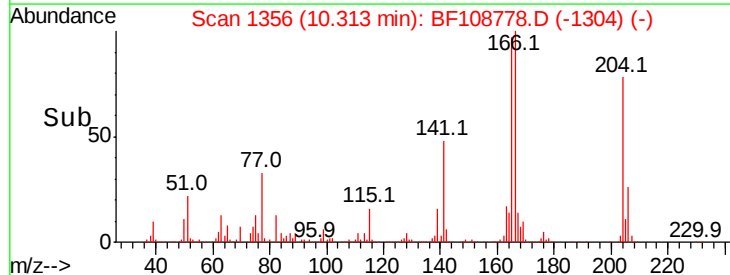
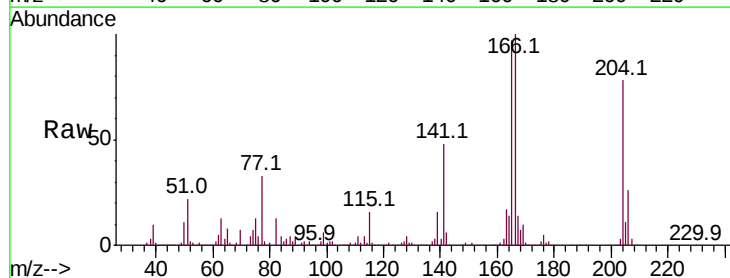
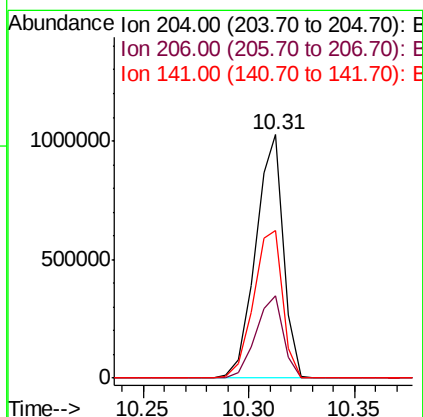
Manual Integrations
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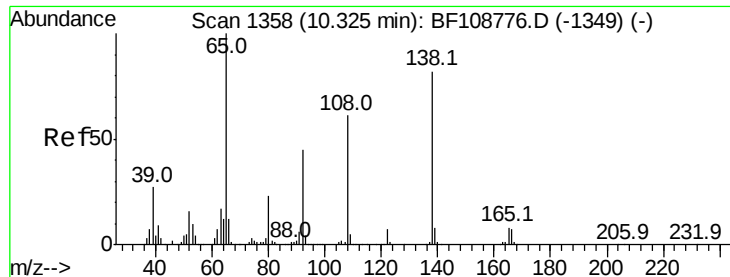
Sohil
9/5/2018 7:11:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.871 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	60.8	54.6	81.8





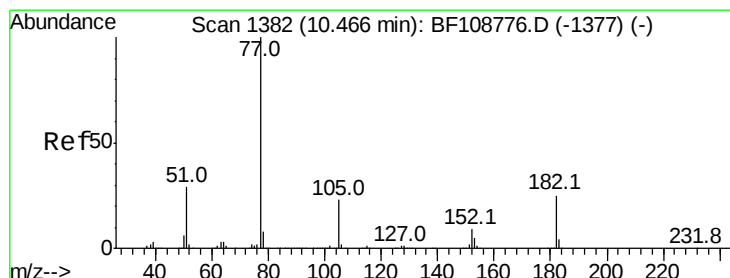
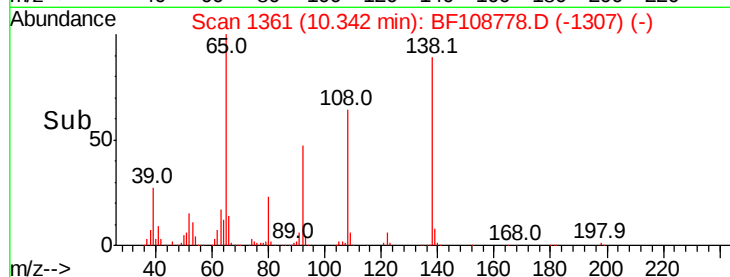
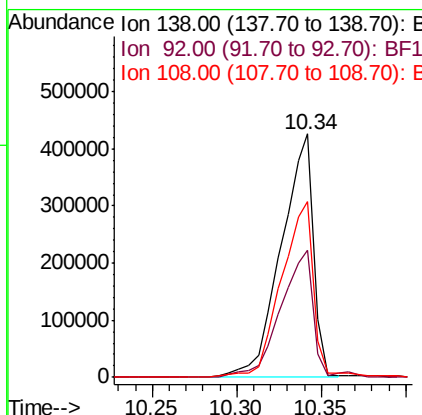
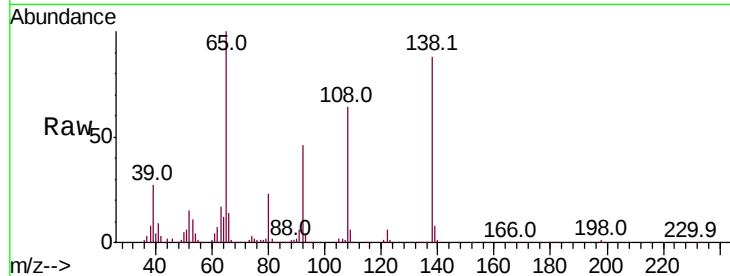
#61
4-Nitroaniline
Concen: 50.525 ng
RT: 10.34 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	72.1	52.5	92.5

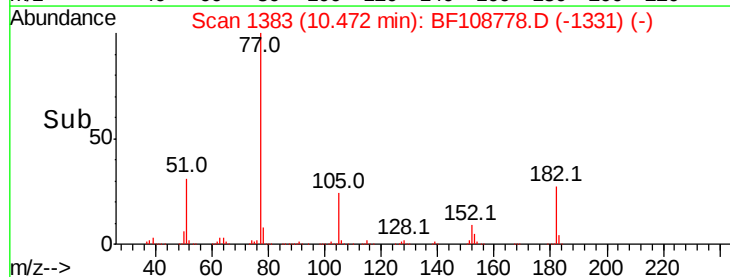
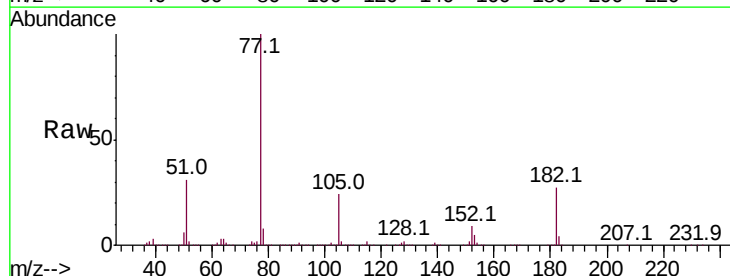
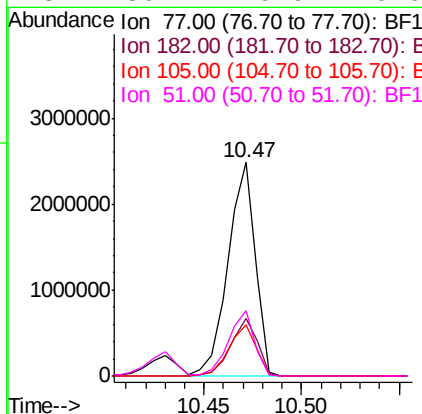
Manual Integrations
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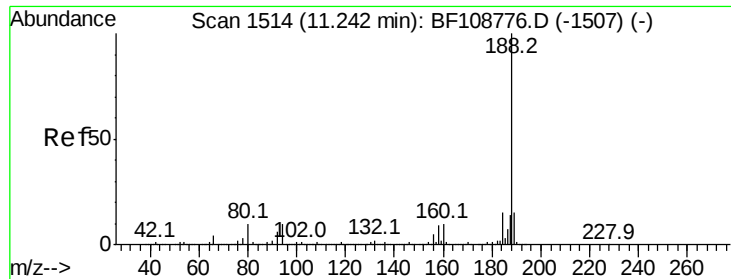
Sohil
9/5/2018 7:11:51 PM



#62
Azobenzene
Concen: 49.189 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	1.7	41.7
105	24.2	3.0	43.0
51	30.7	9.9	49.9





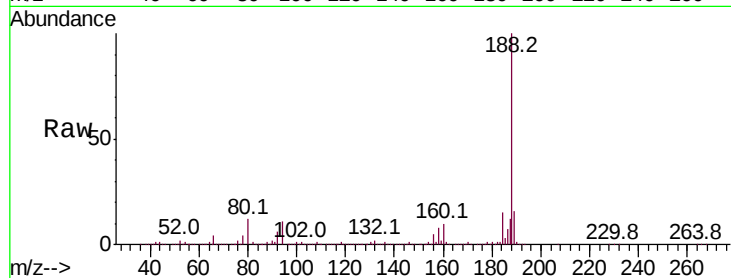
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8

Manual Integrations
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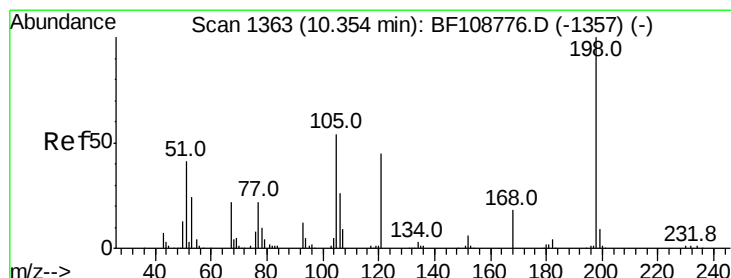
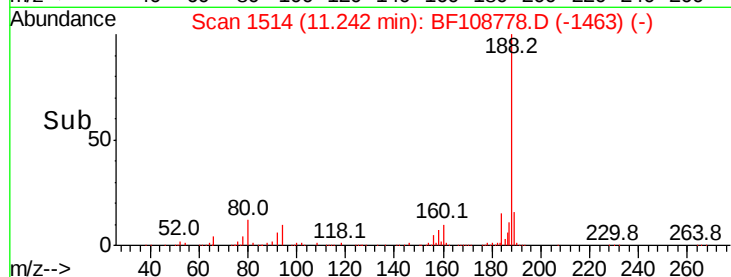
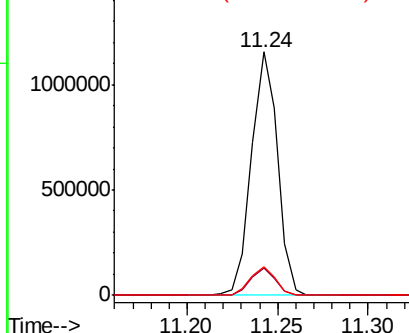


Abundance

Ion 188.00 (187.70 to 188.70): E

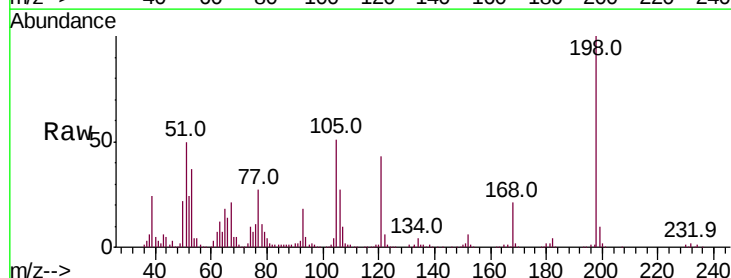
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.915 ng
 RT: 10.37 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.1	37.7	77.7
105	50.6	36.3	76.3

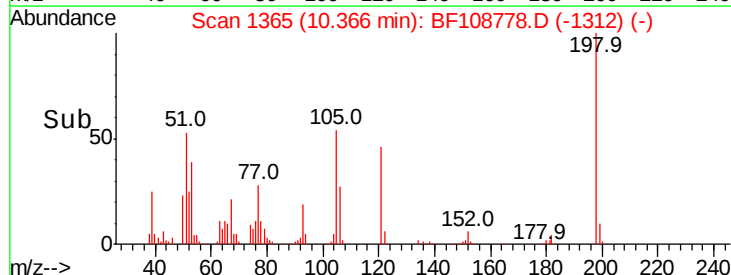
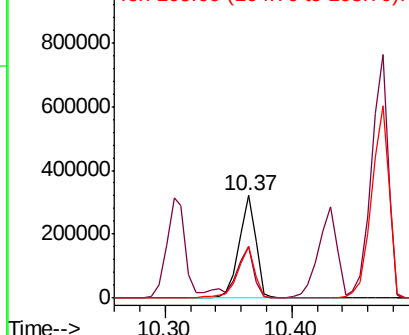


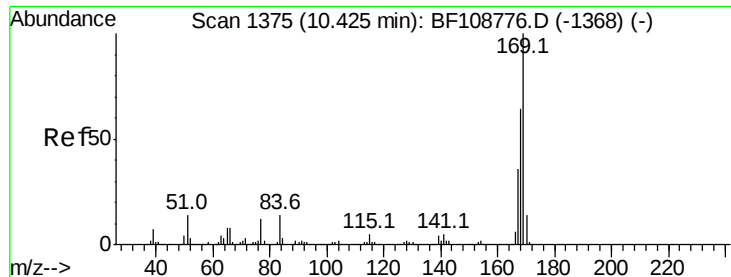
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.979 ng

RT: 10.43 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:169 Resp: 2035073

Ion Ratio Lower Upper

169 100

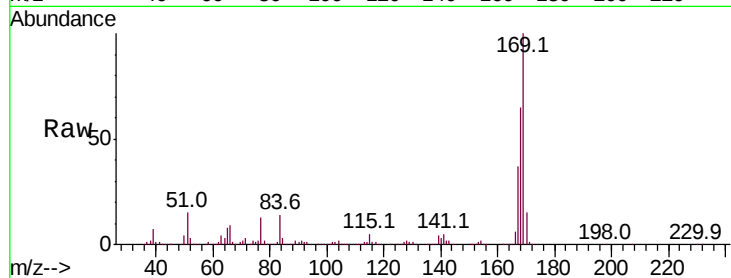
168 65.2 54.4 81.6

167 37.1 29.8 44.6

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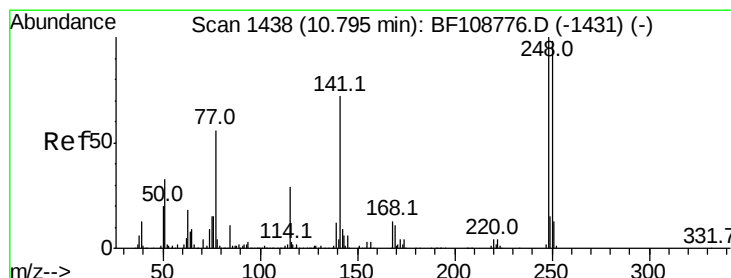
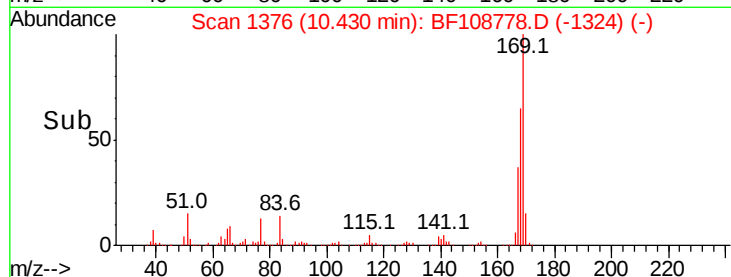
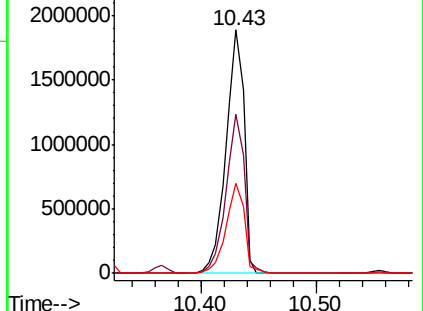
9/5/2018 7:11:51 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.892 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

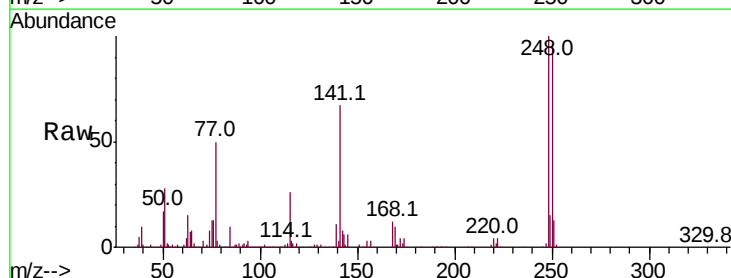
Tgt Ion:248 Resp: 708955

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

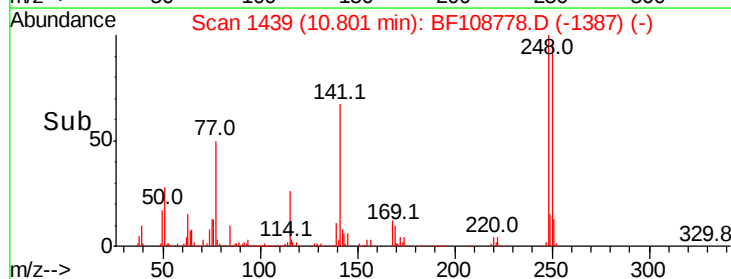
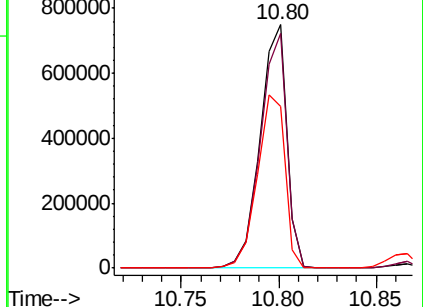
141 66.6 74.4 111.6#

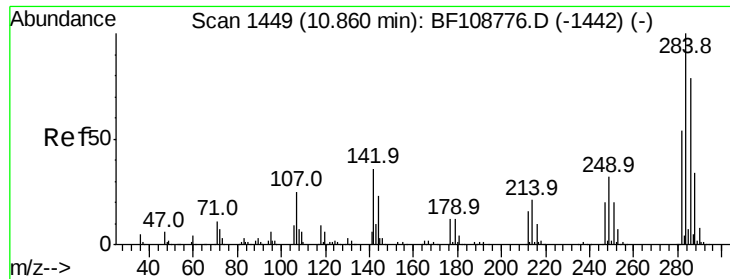


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





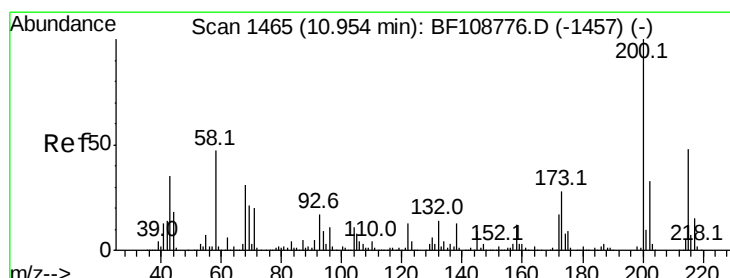
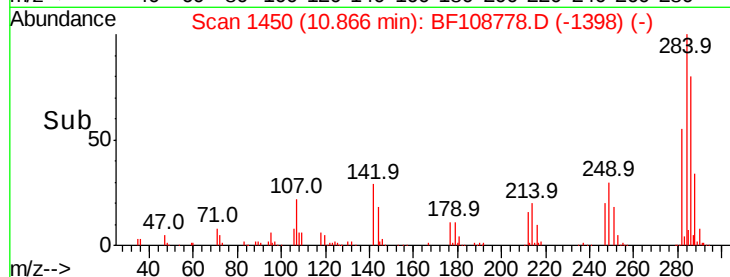
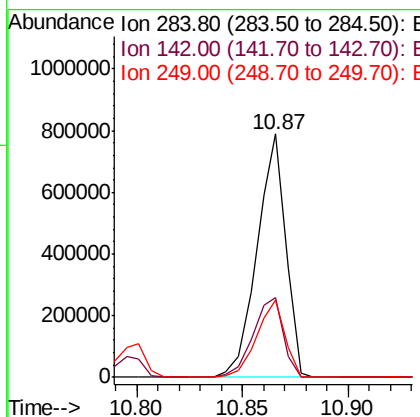
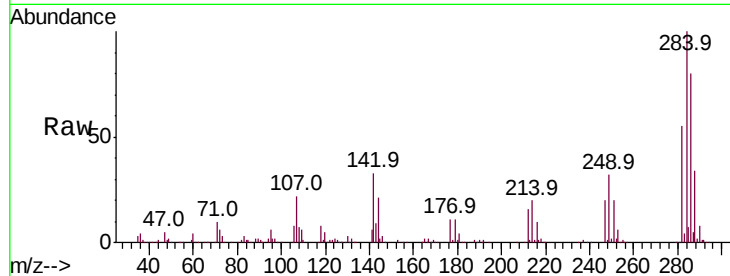
#67
Hexachlorobenzene
Concen: 48.686 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100	745332		
142	32.6	34.6	52.0	
249	31.7	24.8	37.2	

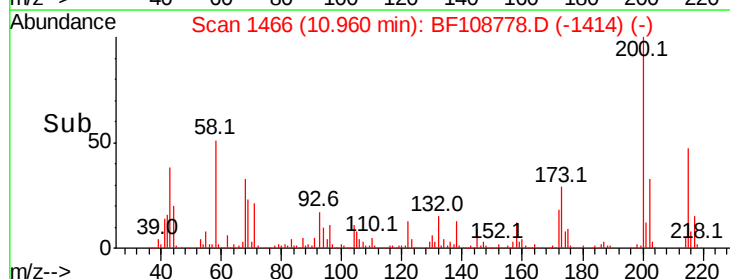
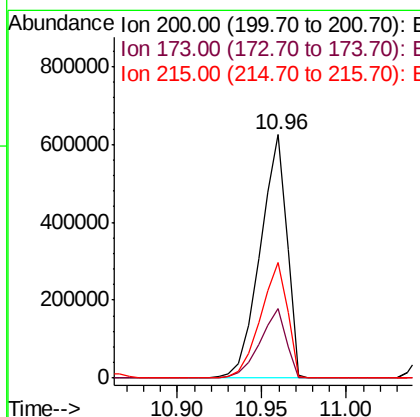
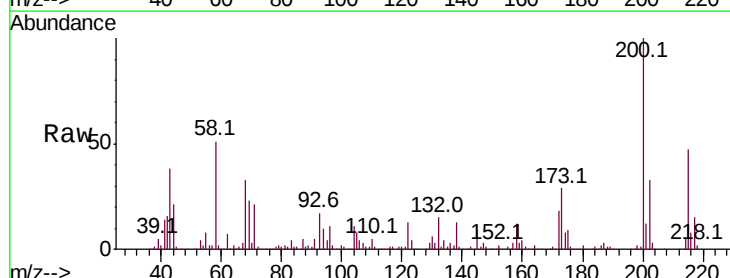
Manual Integrations
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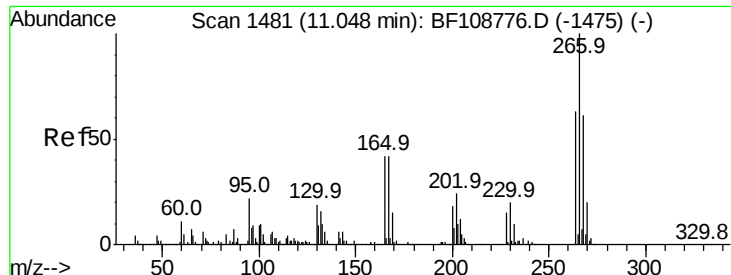
Sohil
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#68
Atrazine
Concen: 63.544 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	682387		
173	28.8	8.6	48.6	
215	47.2	25.1	65.1	





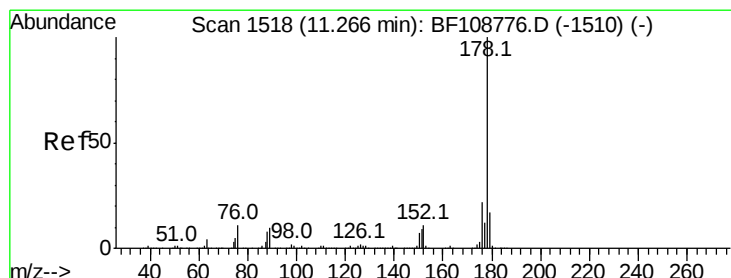
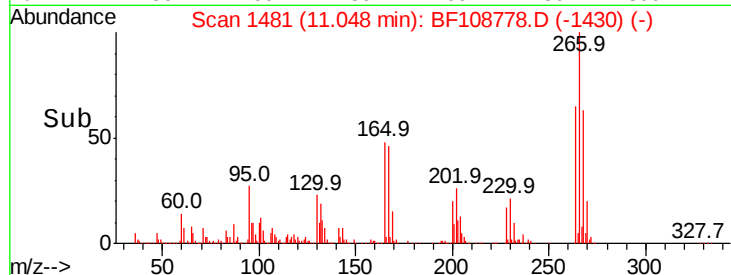
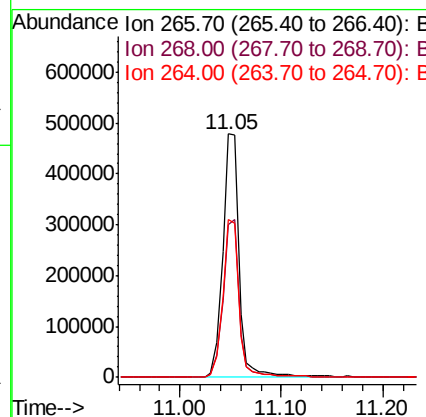
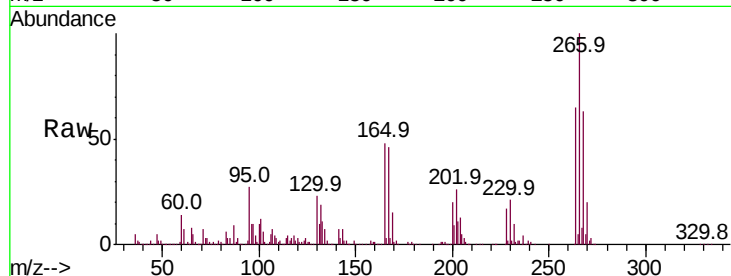
#69
 Pentachlorophenol
 Concen: 66.128 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.8	51.1	76.7	
264	65.1	49.5	74.3	

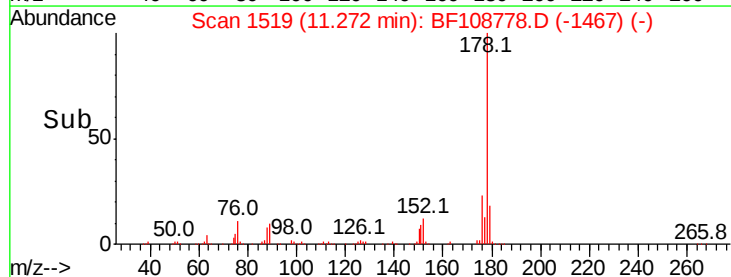
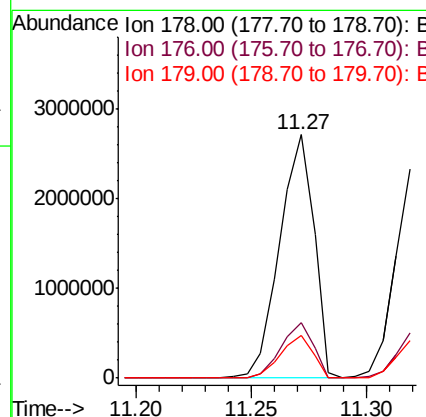
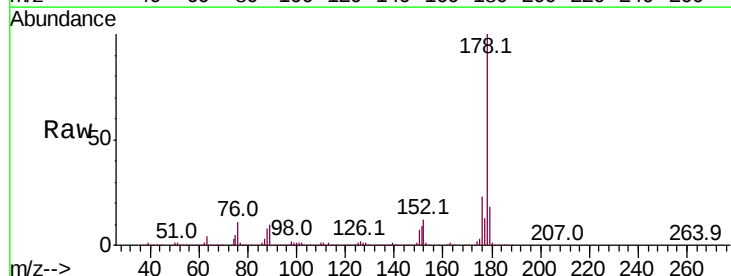
Manual Integrations
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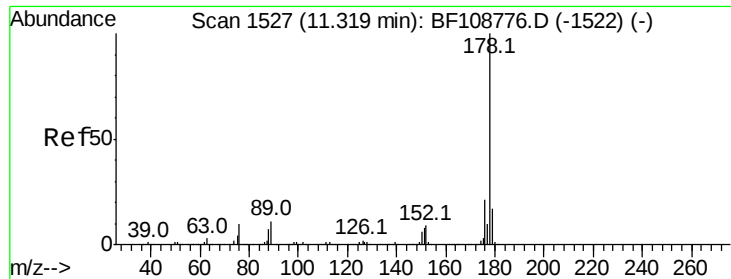
Sohil
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#70
 Phenanthrene
 Concen: 48.083 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	22.9	15.8	23.8	
179	17.7	13.0	19.6	





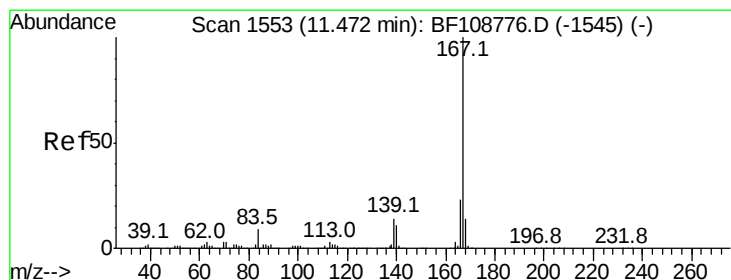
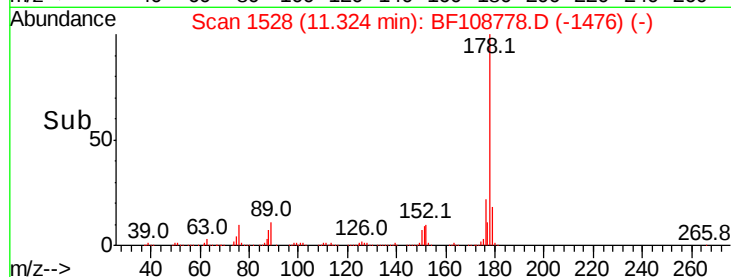
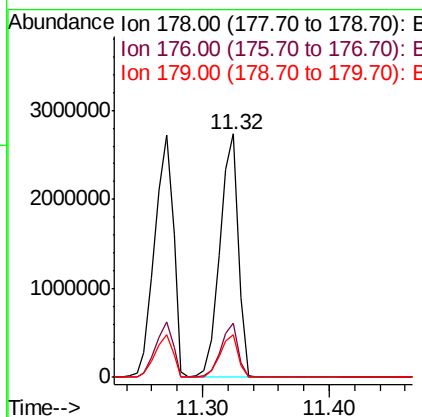
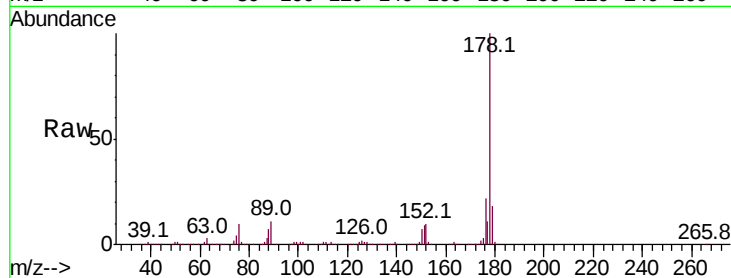
#71
 Anthracene
 Concen: 45.292 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 2777287
 Ion Ratio Lower Upper
 178 100
 176 22.2 15.4 23.2
 179 17.7 12.6 19.0

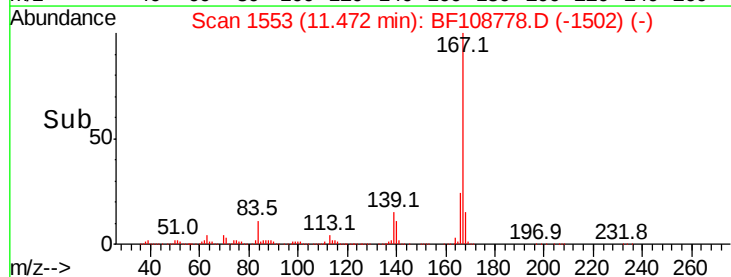
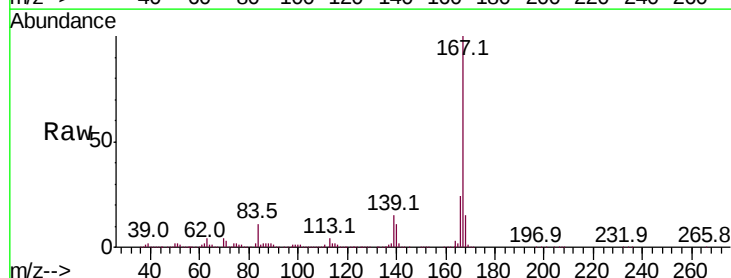
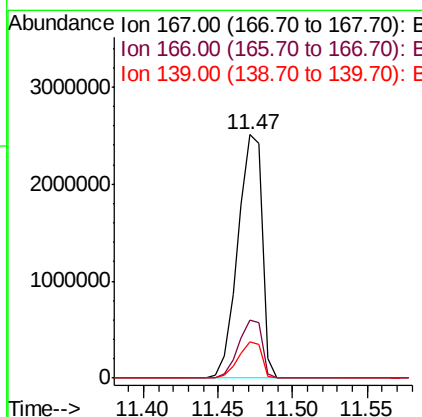
Manual Integrations
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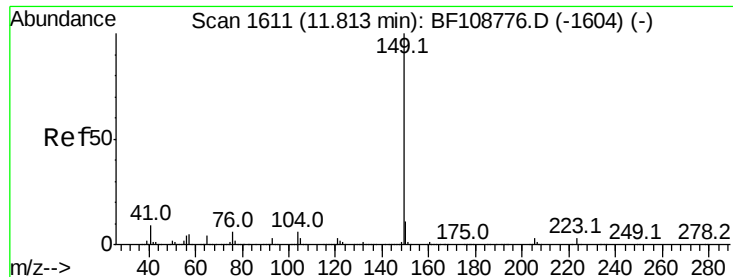
Sohil
 9/5/2018 7:11:51 PM



#72
 Carbazole
 Concen: 48.019 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion:167 Resp: 2847162
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.6 26.4
 139 15.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.940 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 3270297

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

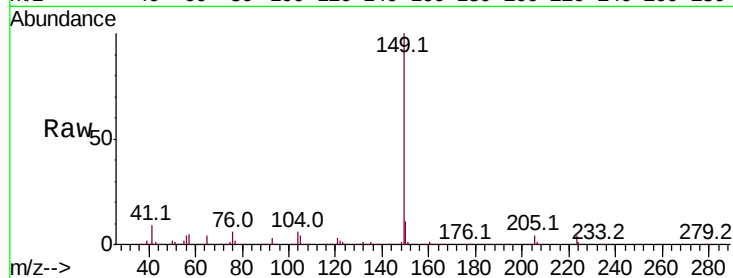
104 6.0 3.8 5.8#

Manual Integrations

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Sohil

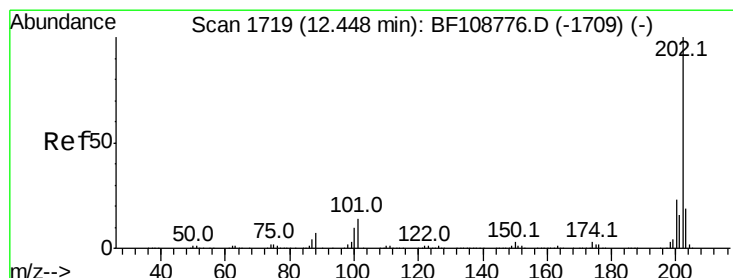
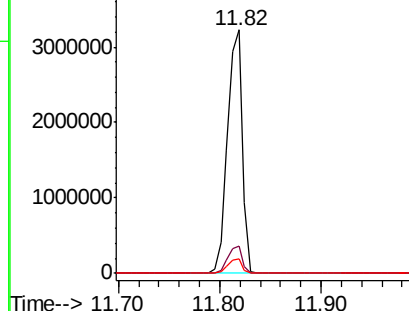
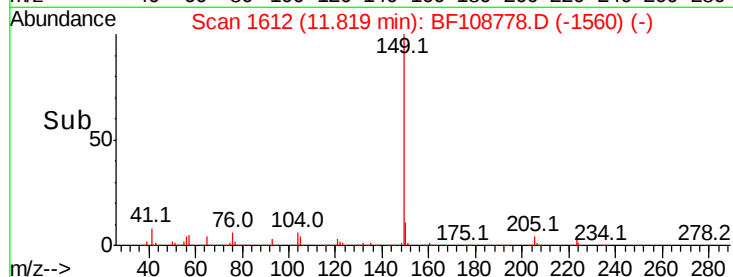
9/5/2018 7:11:51 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.502 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

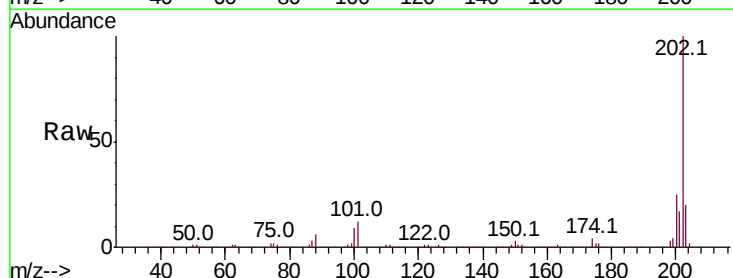
Tgt Ion:202 Resp: 2923343

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

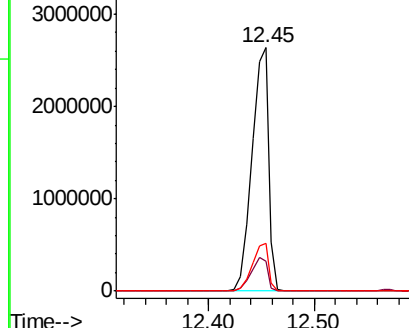
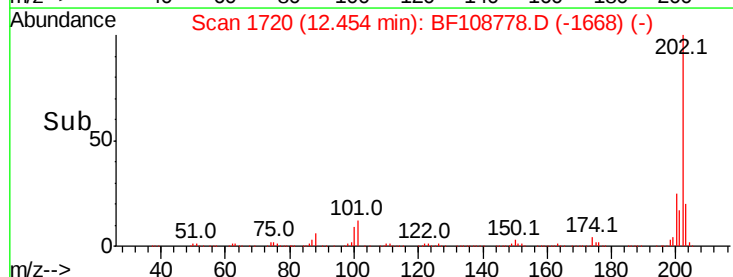
203 19.8 0.0 38.1

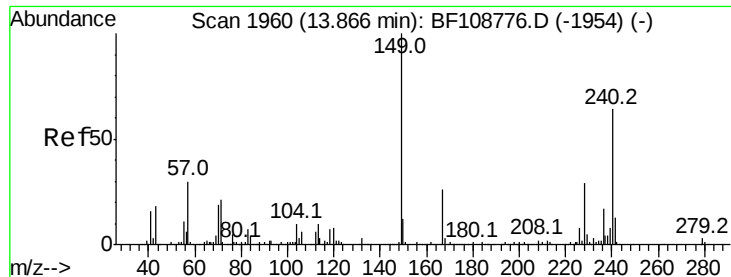


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

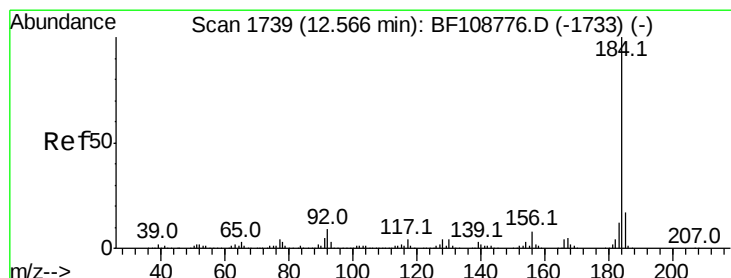
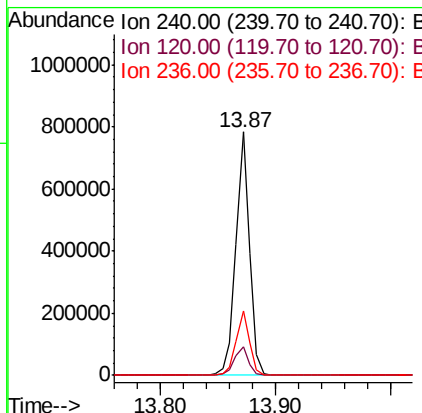
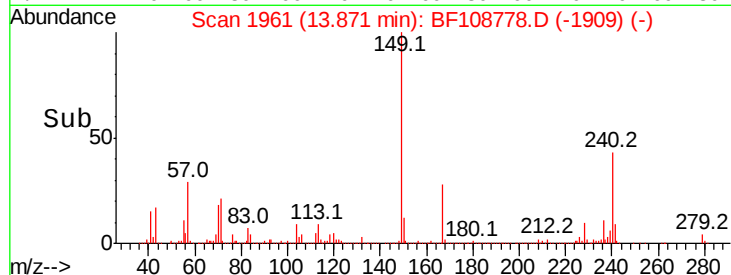
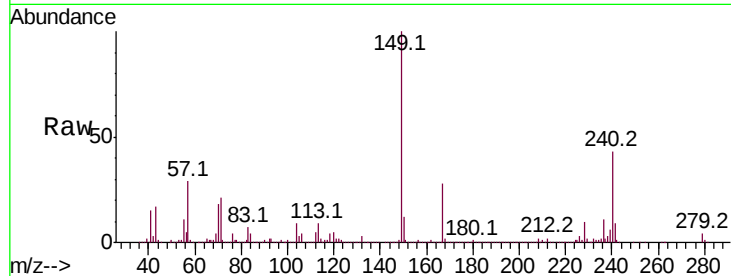
ClientSampled :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.6	20.7	31.1

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#76

Benzidine

Concen: 99.586 ng

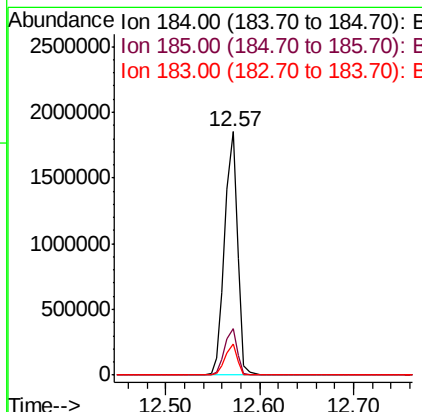
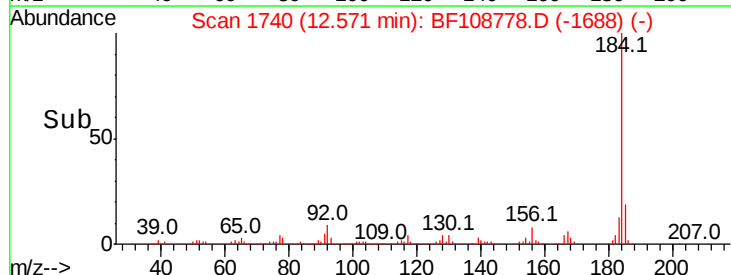
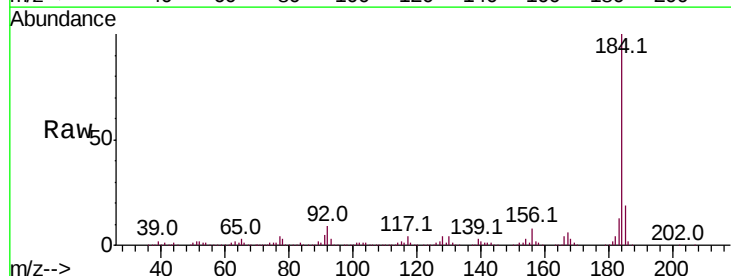
RT: 12.57 min Scan# 1740

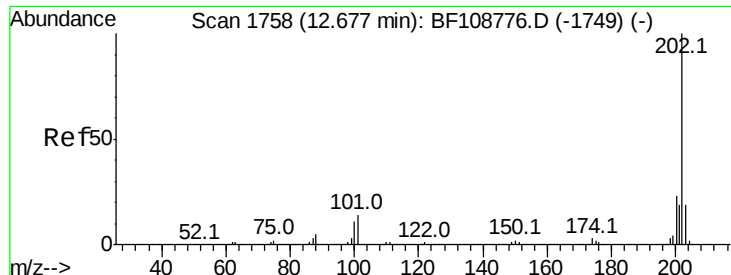
Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.9	12.6	18.8#
183	12.7	9.3	13.9





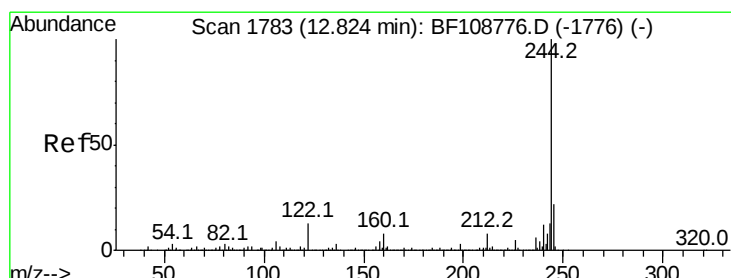
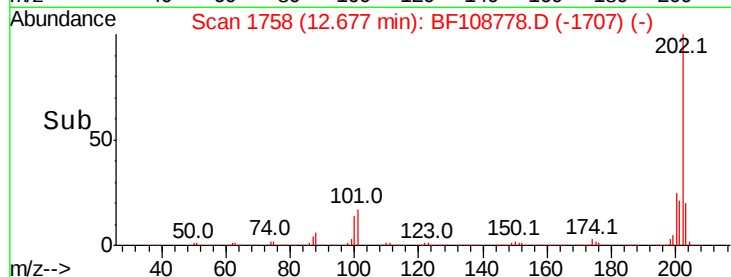
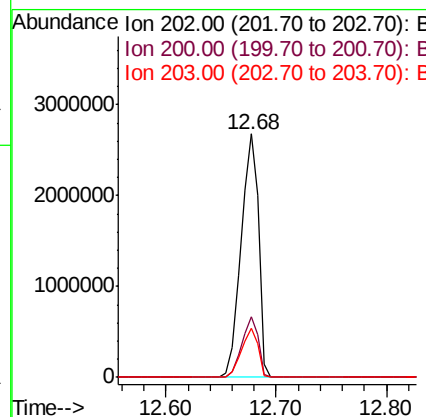
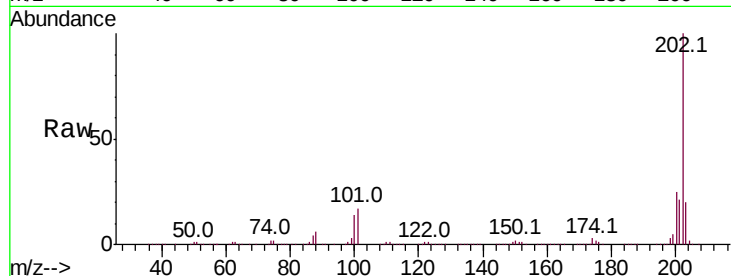
#77
Pvrene
Concen: 61.800 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.4	26.2
203	20.3	14.3	21.5

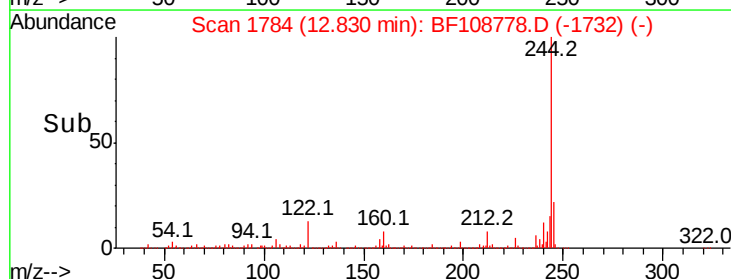
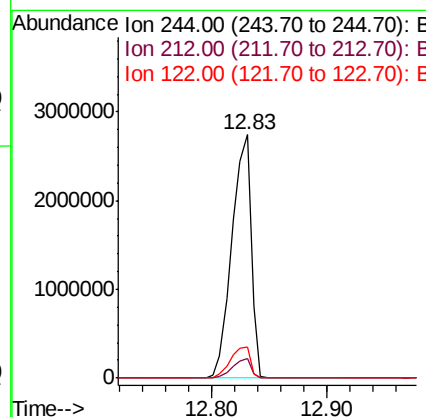
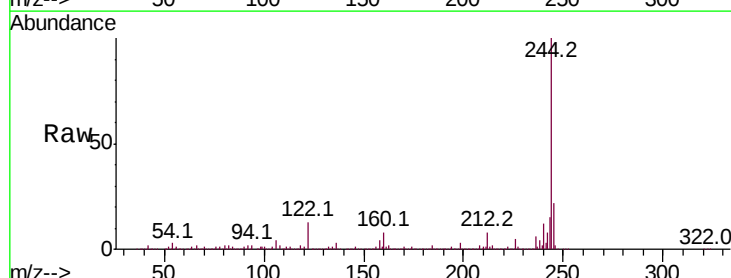
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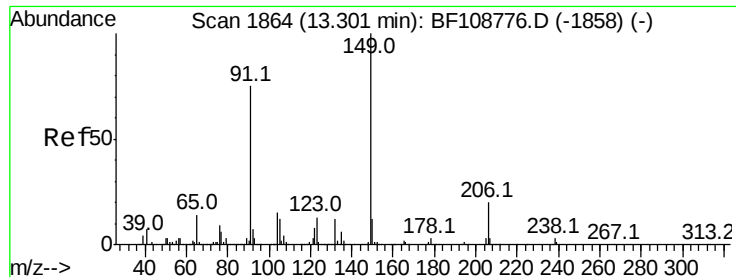
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#78
Terphenyl-d14
Concen: 96.840 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	12.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 72.959 ng

RT: 13.31 min Scan# 1865

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1472767

Ion Ratio Lower Upper

149 100

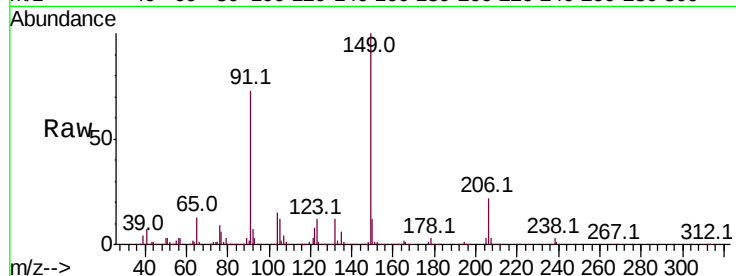
91 72.7 56.8 85.2

206 21.7 14.1 21.1#

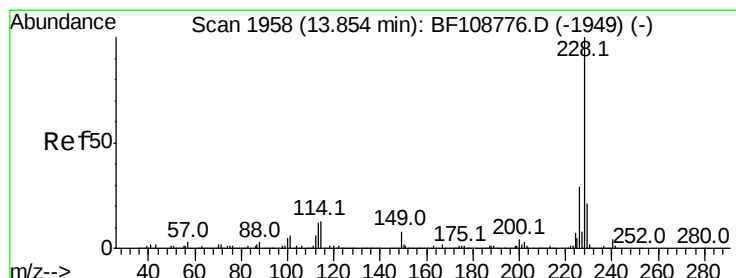
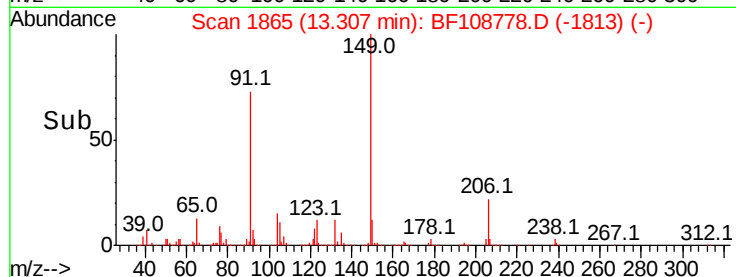
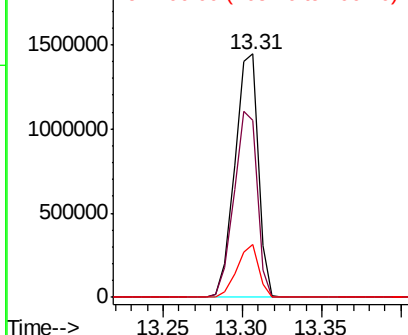
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 62.045 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

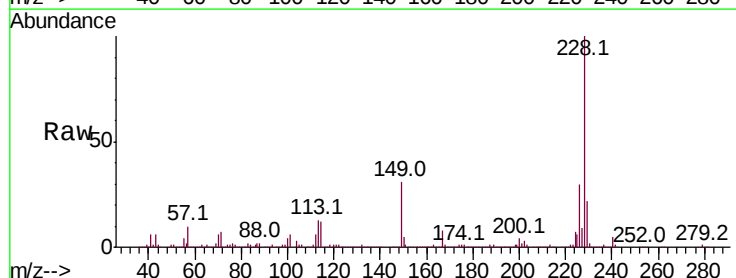
Tgt Ion:228 Resp: 2415516

Ion Ratio Lower Upper

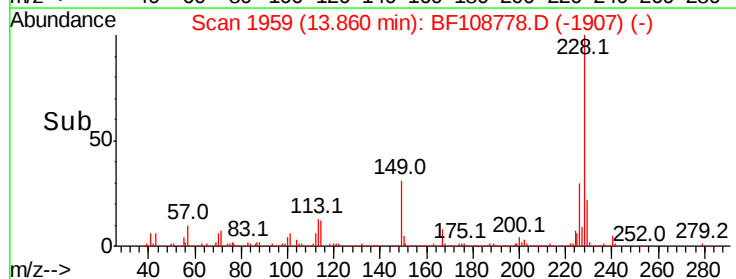
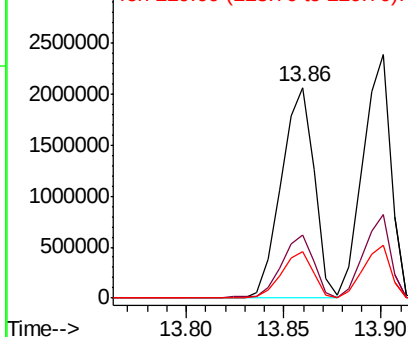
228 100

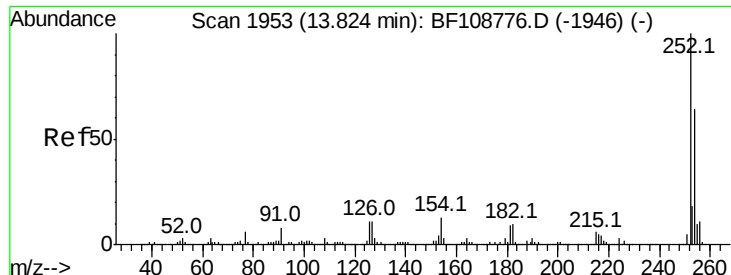
226 29.9 22.6 33.8

229 21.8 15.8 23.6



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





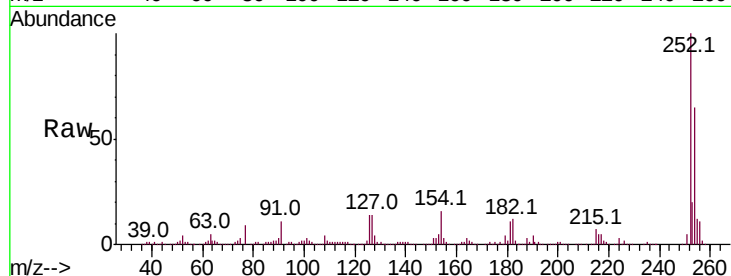
#81
 3,3'-Dichlorobenzidine
 Concen: 69.070 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

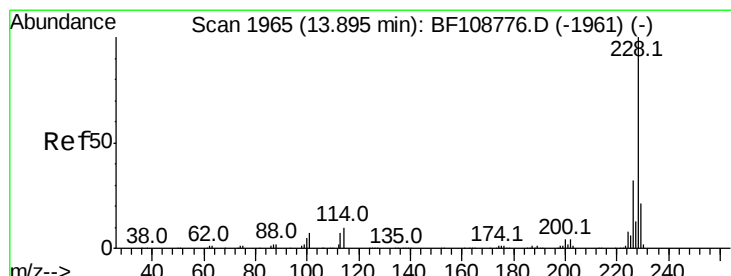
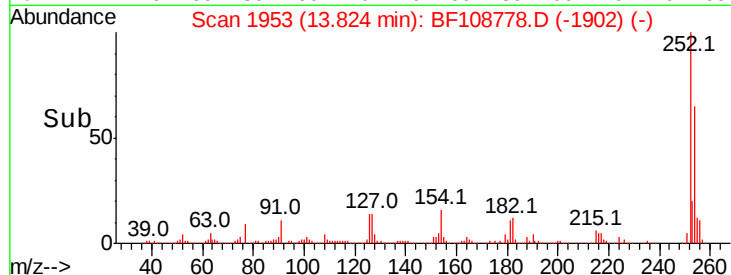
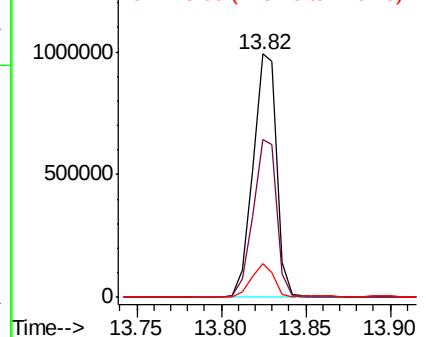
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	13.8	11.3	16.9

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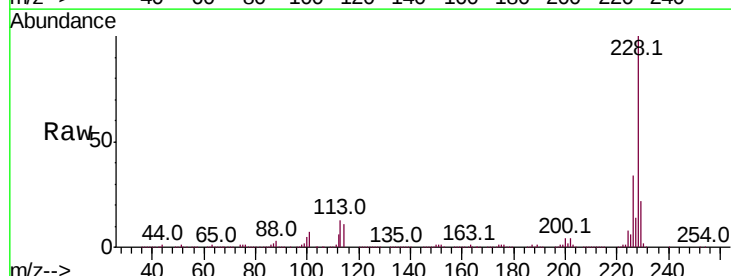


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

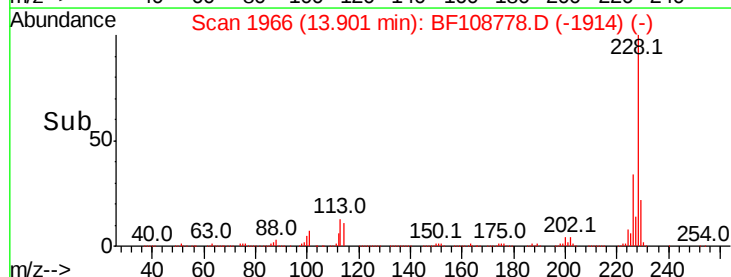
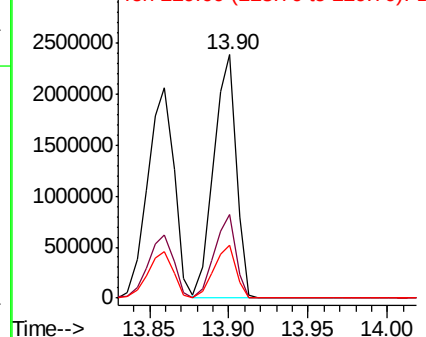


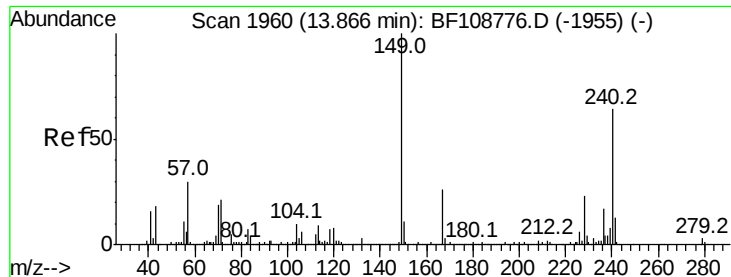
#82
 Chrysene
 Concen: 63.292 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.6
229	21.6	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 67.164 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1742684

Ion Ratio Lower Upper

149 100

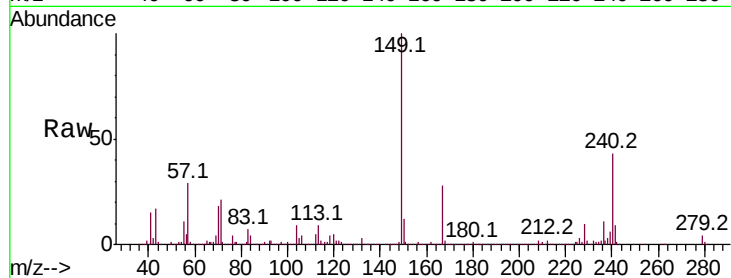
167 27.6 21.3 31.9

279 4.2 3.0 4.4

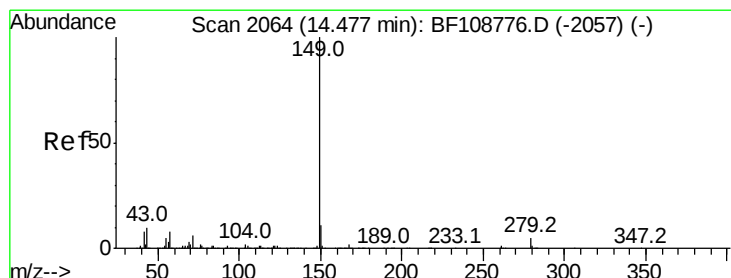
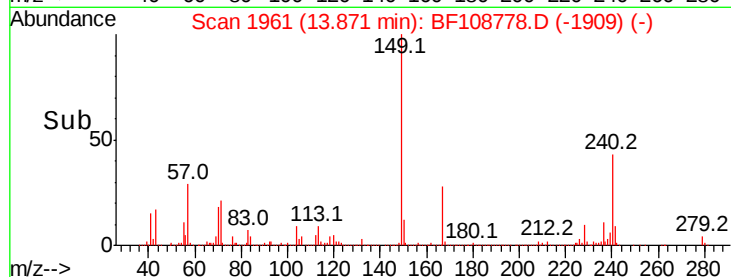
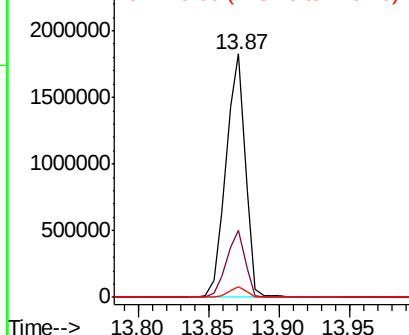
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 76.437 ng

RT: 14.48 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

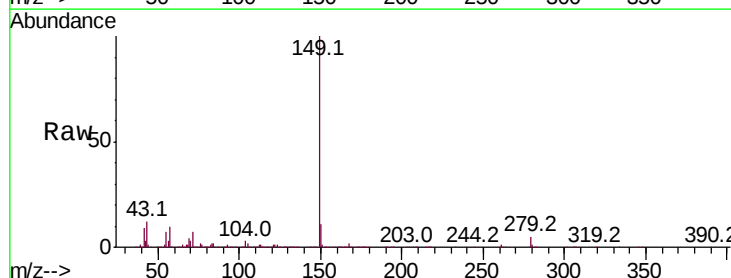
Tgt Ion:149 Resp: 2915976

Ion Ratio Lower Upper

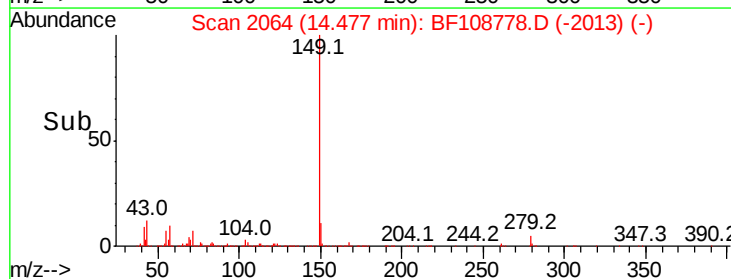
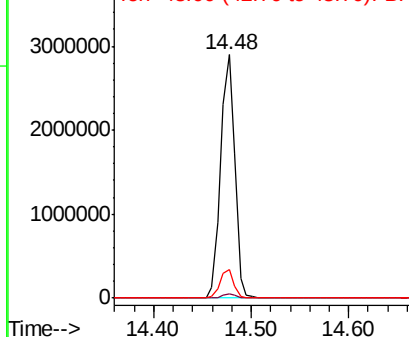
149 100

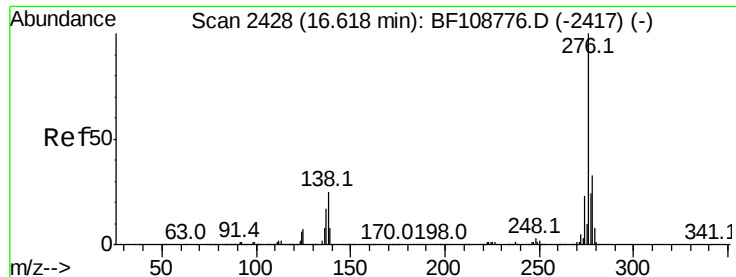
167 1.6 1.2 1.8

43 11.2 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
4000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





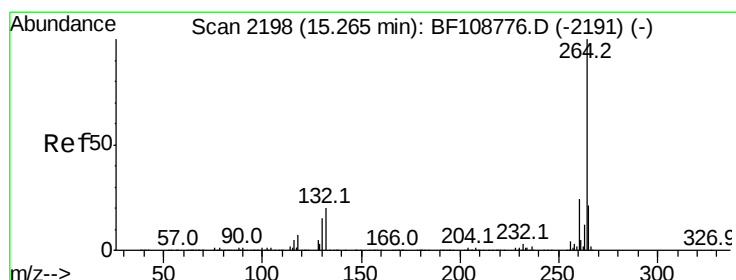
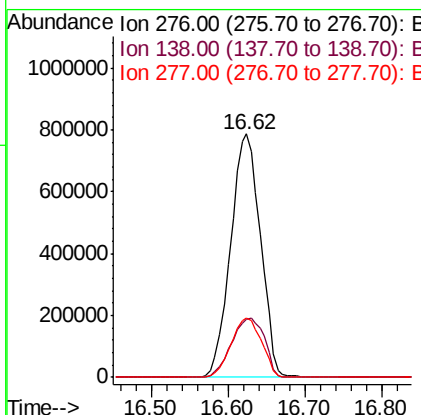
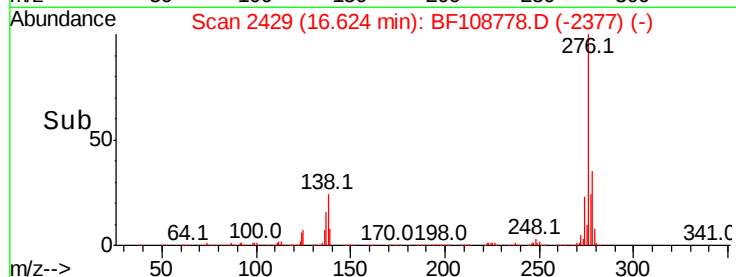
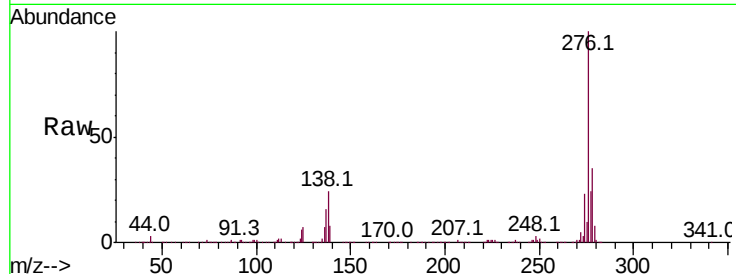
#85
Indeno(1,2,3-cd)pyrene
Concen: 81.894 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleID :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.3	20.1	30.1

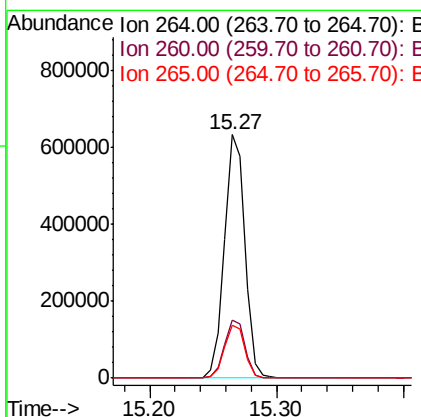
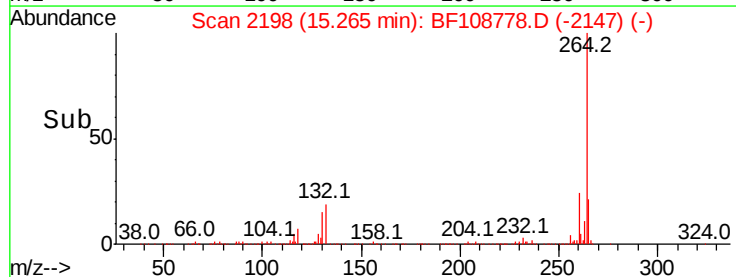
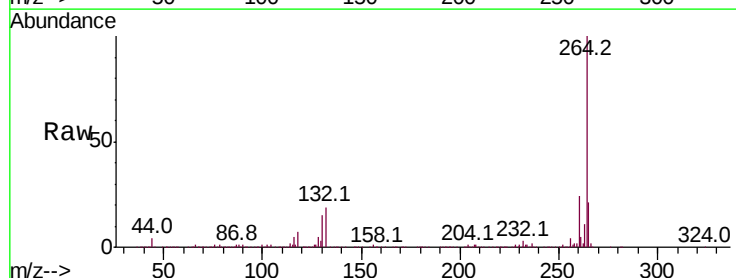
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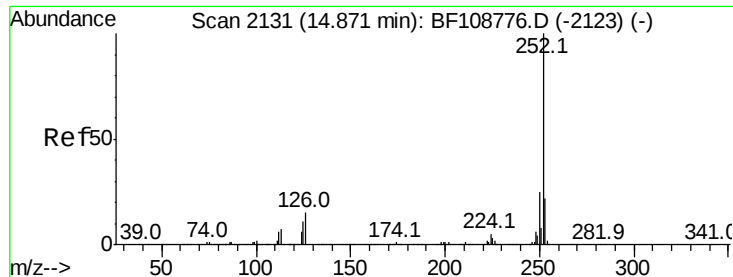
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 50.883 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 2207519

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

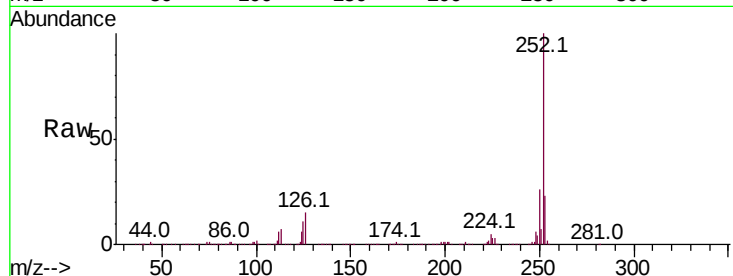
125 10.9 9.0 13.6

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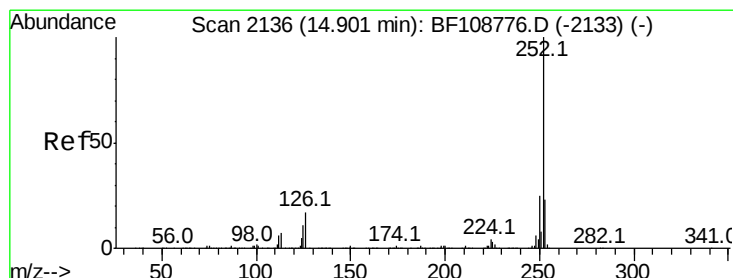
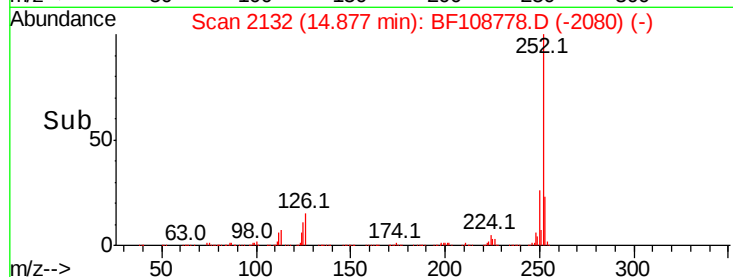
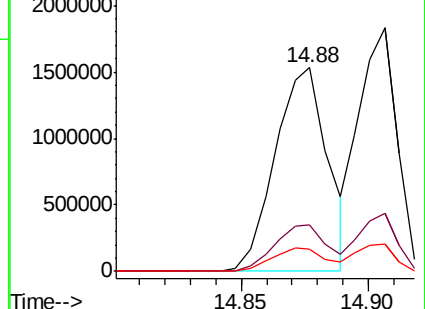
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.952 ng

RT: 14.91 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF108778.D

Acq: 5 Sep 2018 17:01

Tgt Ion:252 Resp: 1931926

Ion Ratio Lower Upper

252 100

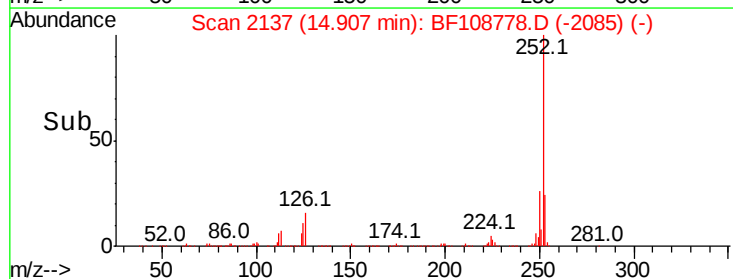
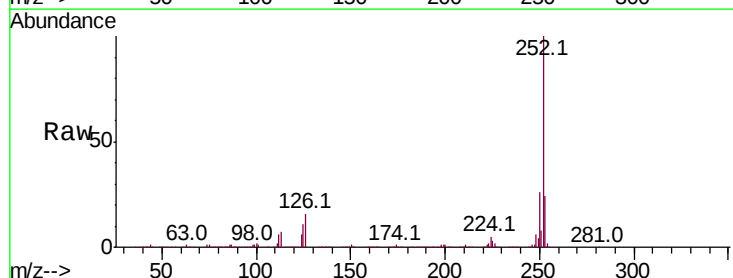
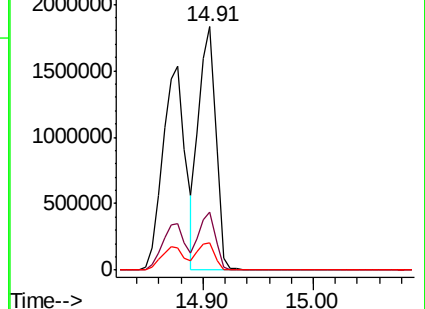
253 23.9 17.9 26.9

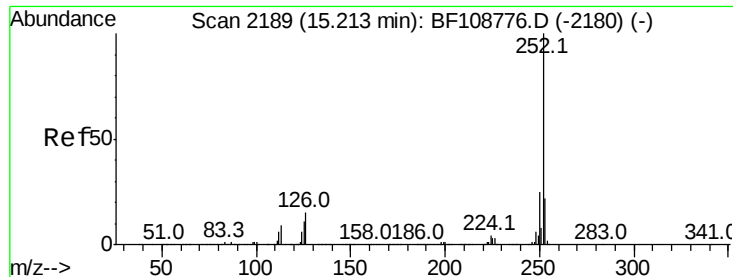
125 11.2 10.2 15.2

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





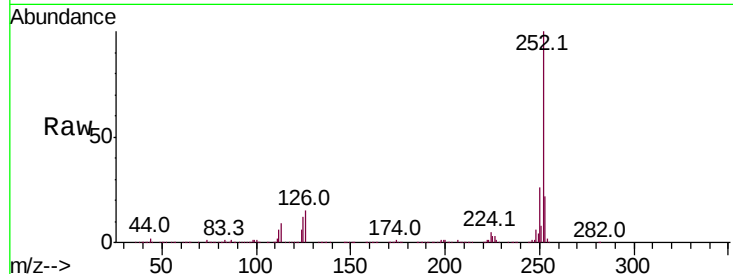
#89
Benzo(a)pyrene
Concen: 49.933 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.0	9.8	14.6

Manual Integrations
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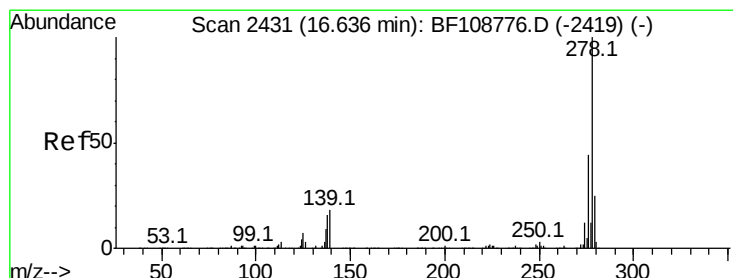
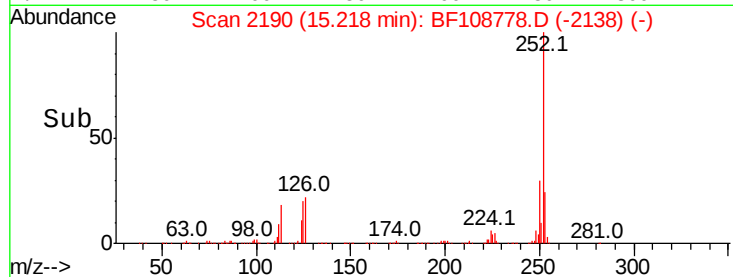
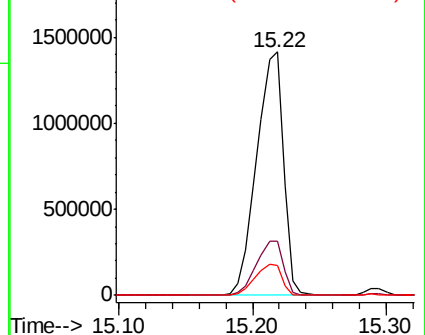


Abundance

Ion 252.00 (251.70 to 252.70): E

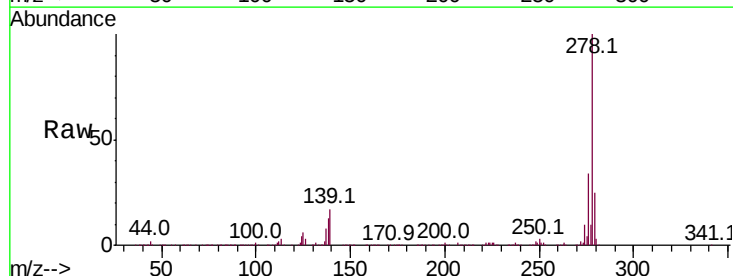
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 55.394 ng
RT: 16.65 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BF108778.D
Acq: 5 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	24.7	19.0	28.4

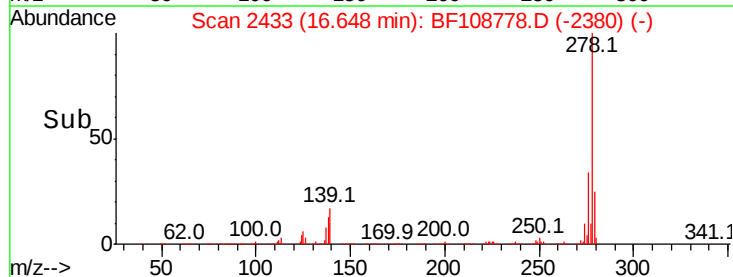
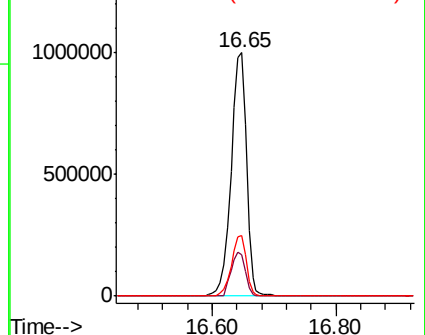


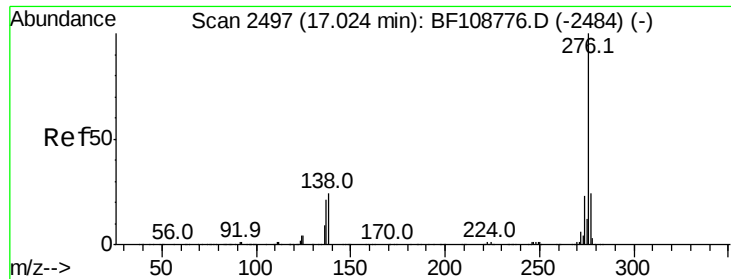
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 58.676 ng
 RT: 17.04 min Scan# 2499
 Delta R.T. 0.01 min
 Lab File: BF108778.D
 Acq: 5 Sep 2018 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/5/2018 7:11:51 PM

