

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108277.D
 Acq On : 20 Aug 2018 9:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:35 PM

Quant Time: Aug 20 11:07:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	227832	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	908652	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	467583	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	928842	20.00	ng	0.00
75) Chrysene-d12	14.22	240	615546	20.00	ng	0.00
86) Perylene-d12	15.79	264	497972	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	976884	77.63	ng	0.02
7) Phenol-d6	6.65	99	1309235	78.29	ng	0.02
23) Nitrobenzene-d5	7.59	82	1263813	77.61	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	392044	84.06	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2258550	77.55	ng	0.00
78) Terphenyl-d14	13.15	244	2178607	89.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	230482	35.644	ng	91
3) Pyridine	3.70	79	613075	36.806	ng	87
4) n-Nitrosodimethylamine	3.67	42	320084	34.150	ng	85
6) Aniline	6.69	93	900447	39.586	ng	97
8) 2-Chlorophenol	6.81	128	562591	39.694	ng	95
9) Benzaldehyde	6.58	77	467611	36.066	ng	98
10) Phenol	6.66	94	681023	39.370	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	547086	39.121	ng	95
12) 1,3-Dichlorobenzene	6.96	146	641784	39.162	ng	97
13) 1,4-Dichlorobenzene	7.04	146	643507	39.083	ng	98
14) 1,2-Dichlorobenzene	7.20	146	599040	39.113	ng	96
15) Benzyl Alcohol	7.16	79	545774	38.768	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1006723	34.945	ng	99
17) 2-Methylphenol	7.27	107	474084	39.005	ng	95
18) Hexachloroethane	7.53	117	234900	40.072	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	423035	37.409	ng	92
20) 3+4-Methylphenols	7.42	107	592551	38.044	ng	# 86
22) Acetophenone	7.43	105	800533	37.678	ng	# 95
24) Nitrobenzene	7.61	77	628526	38.171	ng	96
25) Isophorone	7.84	82	1165982	37.567	ng	97
26) 2-Nitrophenol	7.92	139	273265	43.944	ng	92
27) 2,4-Dimethylphenol	7.95	122	530427	38.506	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	694957	38.355	ng	100
29) 2,4-Dichlorophenol	8.16	162	503677	39.732	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	534100	38.214	ng	97
31) Naphthalene	8.33	128	1602264	38.774	ng	99
32) Benzoic acid	8.07	122	252594	33.641	ng	93
33) 4-Chloroaniline	8.37	127	704968	39.146	ng	97
34) Hexachlorobutadiene	8.44	225	346838	39.200	ng	98
35) Caprolactam	8.76	113	156474	39.388	ng	# 83
36) 4-Chloro-3-methylphenol	8.85	107	526853	38.525	ng	96
37) 2-Methylnaphthalene	9.02	142	1118479	38.256	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	571388	39.793	ng	98
40) Hexachlorocyclopentadiene	9.17	237	301466	32.504	ng	96

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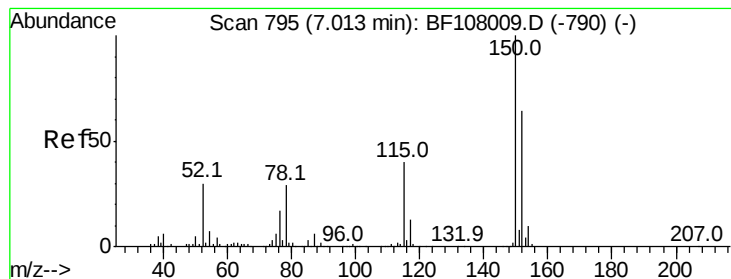
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	371384	41.679	nq	98
43) 2,4,5-Trichlorophenol	9.34	196	405318	41.322	nq	95
45) 1,1'-Biphenyl	9.48	154	1341684	38.918	nq	98
46) 2-Chloronaphthalene	9.51	162	1063405	39.027	nq	99
47) 2-Nitroaniline	9.61	65	359595	40.787	nq	88
48) Acenaphthylene	9.93	152	1689029	39.210	nq	98
49) Dimethylphthalate	9.78	163	1269296	38.970	nq	# 99
50) 2,6-Dinitrotoluene	9.85	165	279523	41.019	nq	90
51) Acenaphthene	10.11	154	1034344	39.203	nq	99
52) 3-Nitroaniline	10.02	138	304016	40.775	nq	95
53) 2,4-Dinitrophenol	10.13	184	102980	43.857	nq	# 17
54) Dibenzofuran	10.28	168	1487433	38.913	nq	97
55) 4-Nitrophenol	10.18	139	219630	38.900	nq	90
56) 2,4-Dinitrotoluene	10.25	165	374628	42.709	nq	# 93
57) Fluorene	10.62	166	1188523	39.278	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	340312	41.509	nq	# 87
59) Diethylphthalate	10.48	149	1216451	38.569	nq	96
60) 4-Chlorophenyl-phenylether	10.61	204	612759	38.862	nq	90
61) 4-Nitroaniline	10.64	138	315395	42.786	nq	93
62) Azobenzene	10.77	77	1232480	37.839	nq	94
64) 4,6-Dinitro-2-methylphenol	10.67	198	139059	40.784	nq	81
65) n-Nitrosodiphenylamine	10.73	169	1076844	39.232	nq	98
66) 4-Bromophenyl-phenylether	11.10	248	401311	39.757	nq	# 86
67) Hexachlorobenzene	11.17	284	419423	39.492	nq	# 87
68) Atrazine	11.25	200	364399	39.582	nq	93
69) Pentachlorophenol	11.37	266	193538	38.072	nq	97
70) Phenanthrene	11.59	178	1711563	39.068	nq	99
71) Anthracene	11.64	178	1756417	39.116	nq	98
72) Carbazole	11.79	167	1550392	38.862	nq	98
73) Di-n-butylphthalate	12.11	149	1821586	40.311	nq	99
74) Fluoranthene	12.79	202	1805751	37.767	nq	94
76) Benzidine	12.90	184	1037641	45.118	nq	99
77) Pyrene	13.02	202	1800020	46.189	nq	98
79) Butylbenzylphthalate	13.62	149	718245	46.415	nq	97
80) Benzo(a)anthracene	14.21	228	1418763	40.162	nq	98
81) 3,3'-Dichlorobenzidine	14.17	252	493384	38.972	nq	# 97
82) Chrysene	14.25	228	1288593	39.788	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	865728	41.313	nq	99
84) Di-n-octyl phthalate	14.79	149	1531144	47.910	nq	99
85) Indeno(1,2,3-cd)pyrene	17.42	276	1182570	42.142	nq	# 90
87) Benzo(b)fluoranthene	15.32	252	1124178m	37.780	nq	
88) Benzo(k)fluoranthene	15.35	252	1084722	39.657	nq	# 97
89) Benzo(a)pyrene	15.72	252	1054779	39.586	nq	97
90) Dibenzo(a,h)anthracene	17.44	278	986789	44.759	nq	# 93
91) Benzo(g,h,i)perylene	17.93	276	1002978	46.201	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:152 Resp: 227832

Ion Ratio Lower Upper

152 100

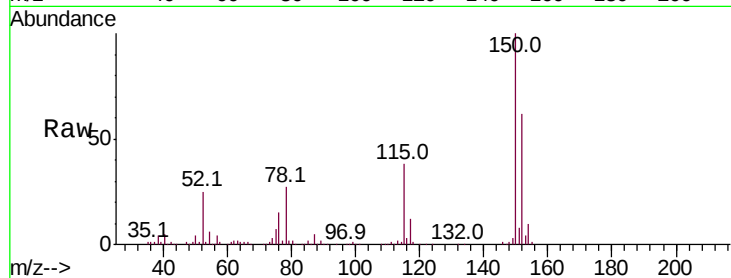
150 160.9 124.6 186.8

115 61.1 50.1 75.1

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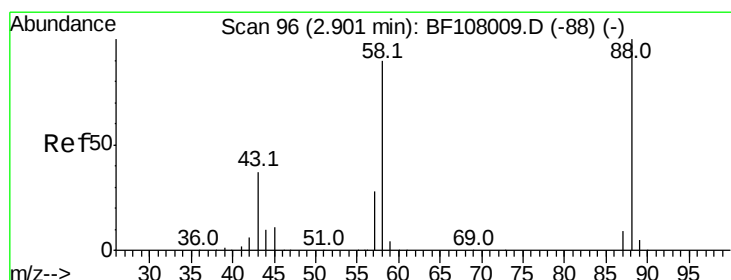
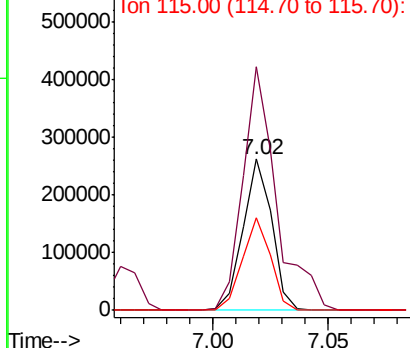
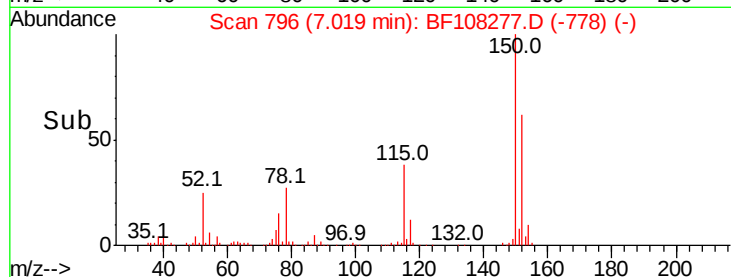
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.644 ng

RT: 2.91 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

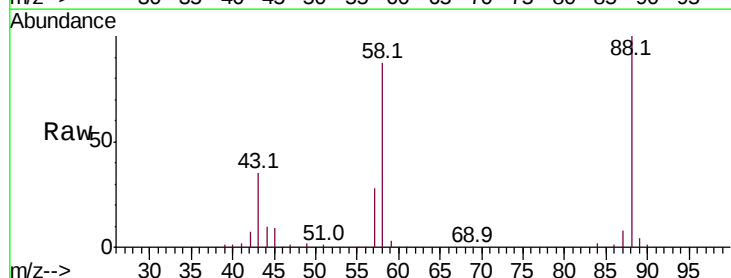
Tgt Ion: 88 Resp: 230482

Ion Ratio Lower Upper

88 100

58 87.1 62.6 93.8

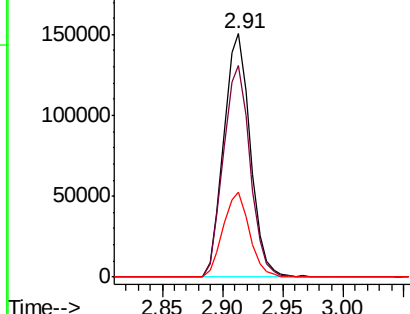
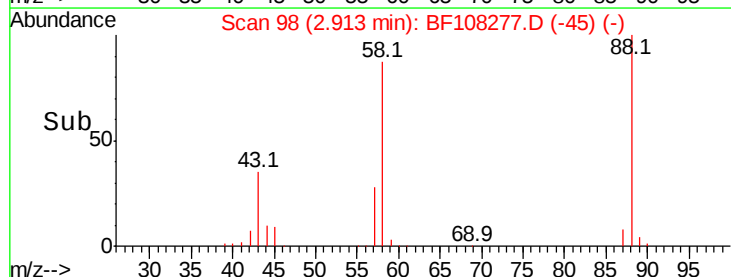
43 34.8 24.6 37.0

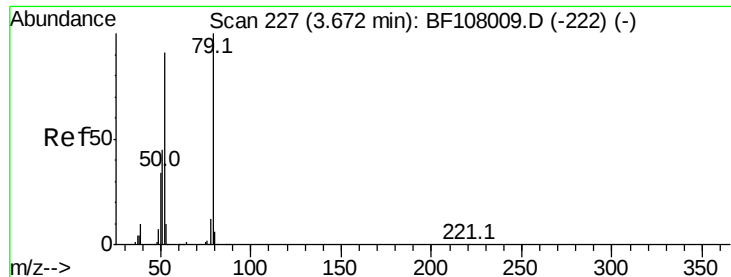


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.806 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

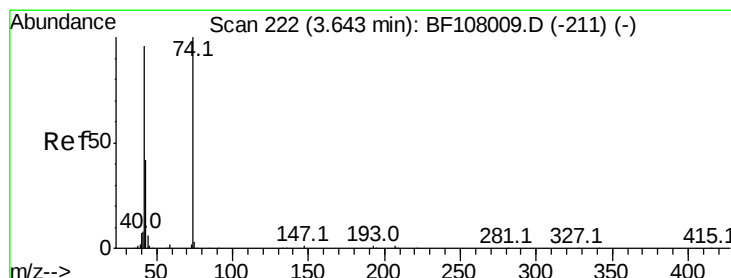
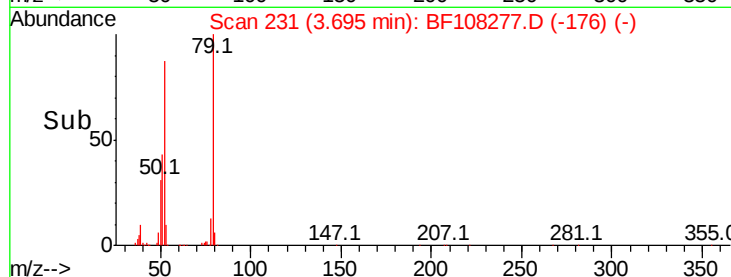
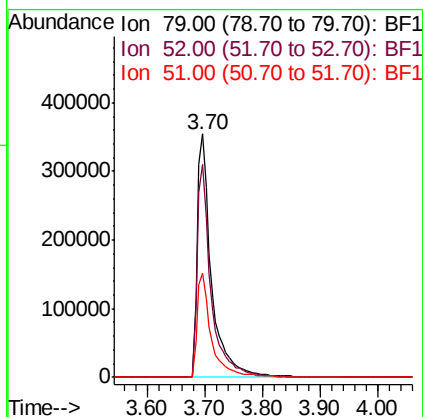
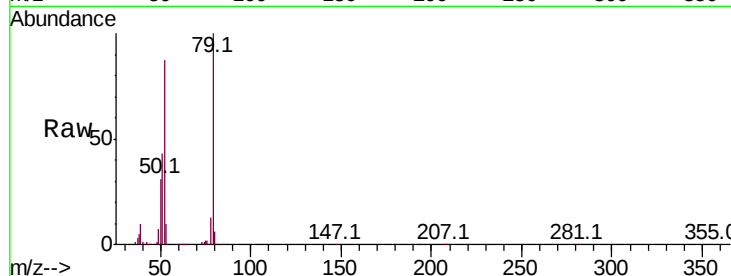
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	613075
Ion Ratio	Lower	Upper	
79	100		
52	87.4	59.8	89.6
51	42.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.150 ng

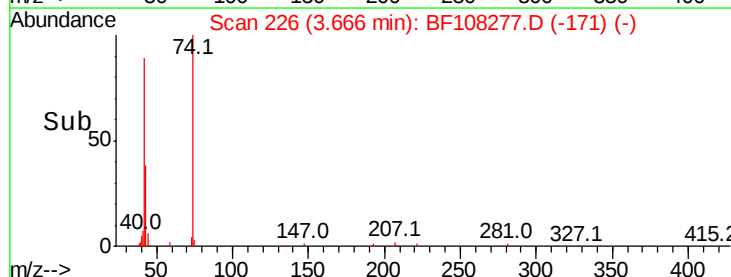
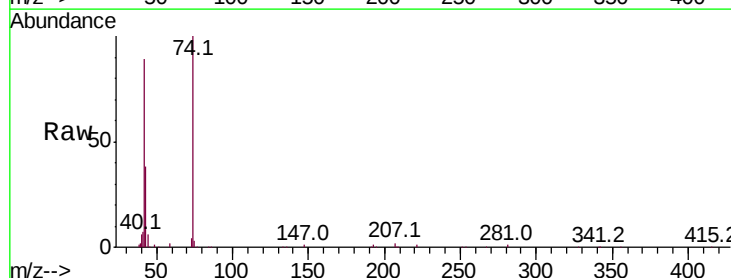
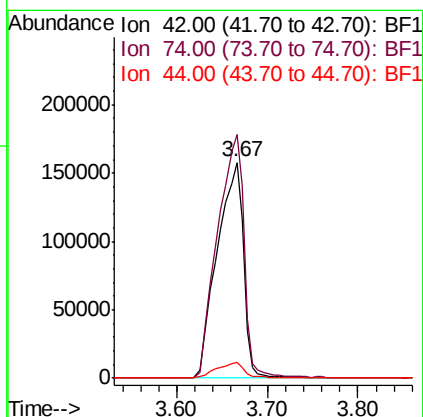
RT: 3.67 min Scan# 226

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:	42	Resp:	320084
Ion Ratio	Lower	Upper	
42	100		
74	112.8	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 77.628 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

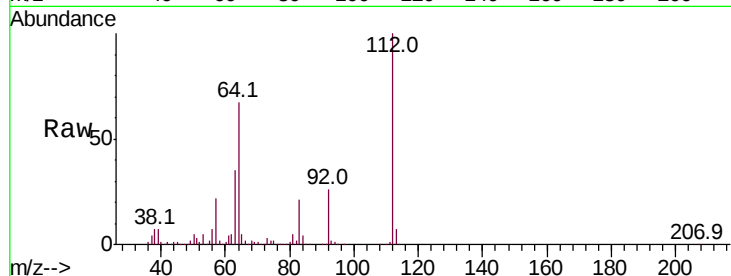
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	976884		
64	66.9	47.9	71.9	
63	34.9	23.7	35.5	

Manual Integrations
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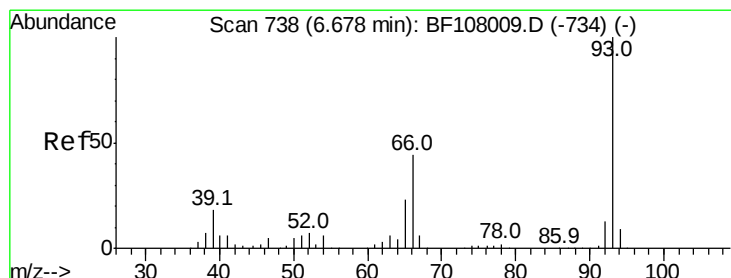
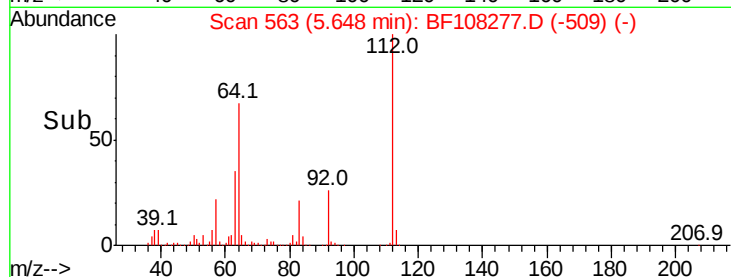
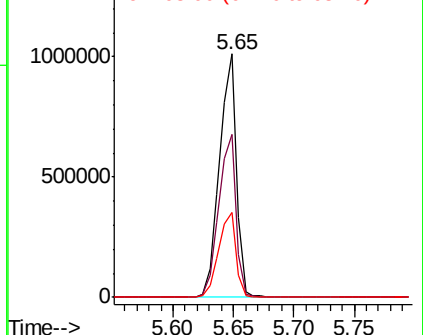
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.586 ng

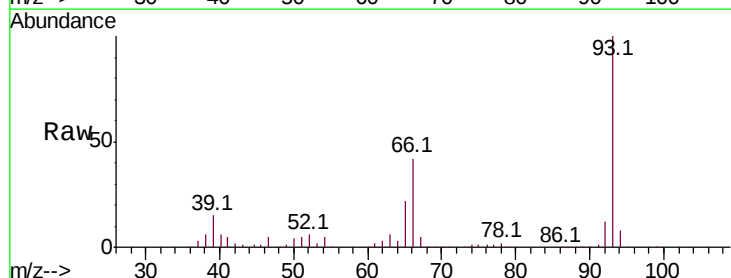
RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

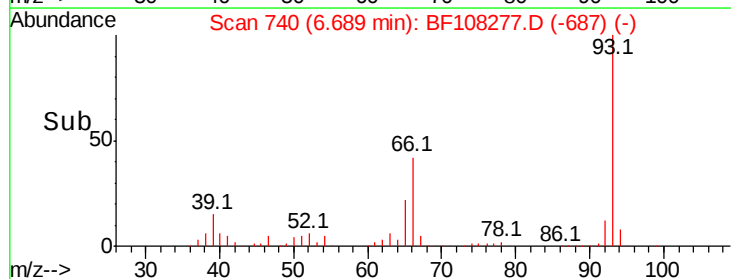
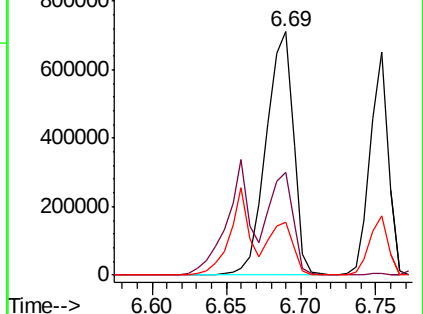
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	900447		
66	42.0	32.2	48.2	
65	21.7	16.4	24.6	

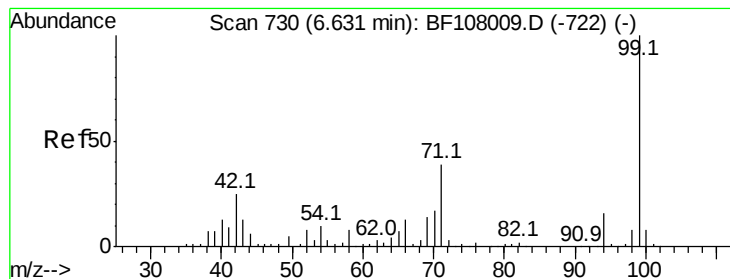


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.291 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1309235

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

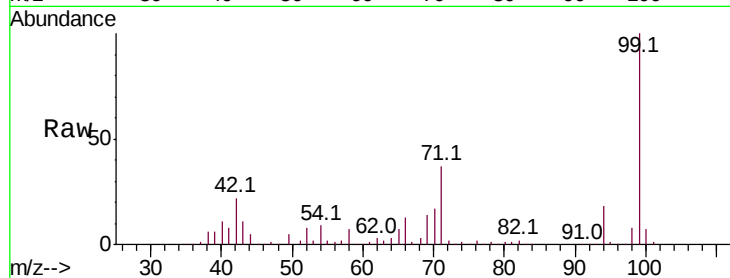
71 36.8 25.4 38.0

Manual Integrations

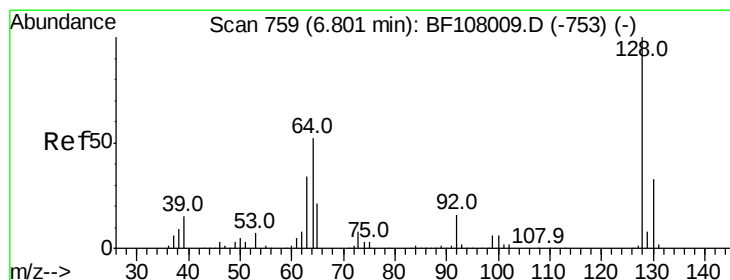
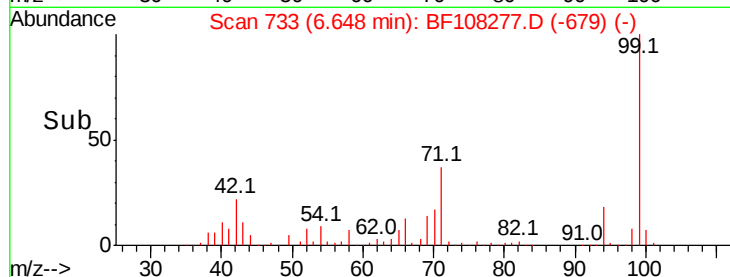
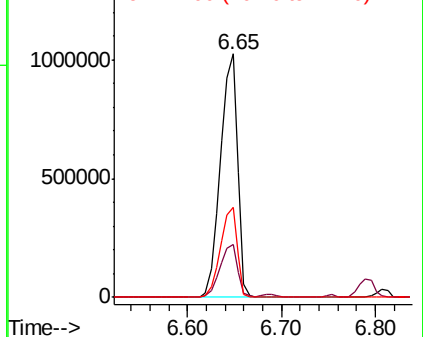
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.694 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

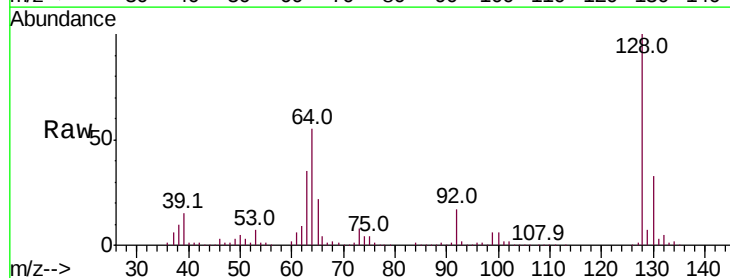
Tgt Ion:128 Resp: 562591

Ion Ratio Lower Upper

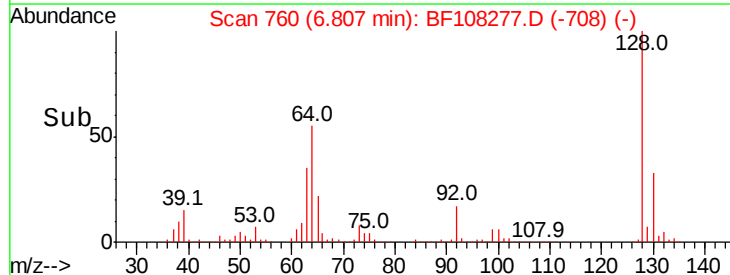
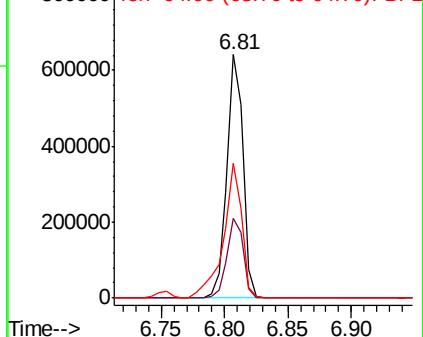
128 100

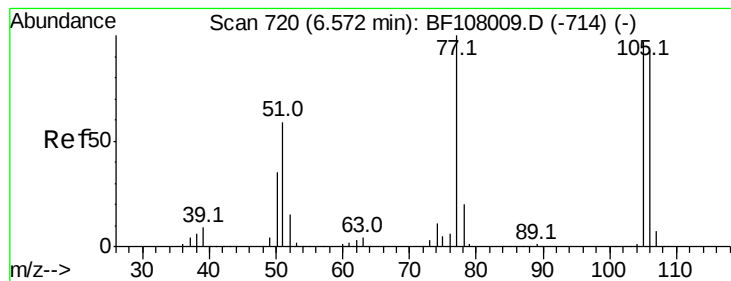
130 32.7 13.0 53.0

64 55.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 36.066 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 467611

Ion Ratio Lower Upper

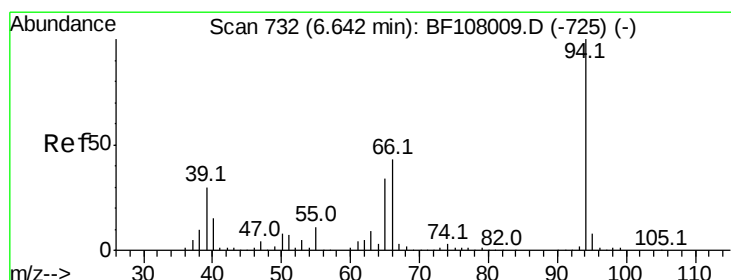
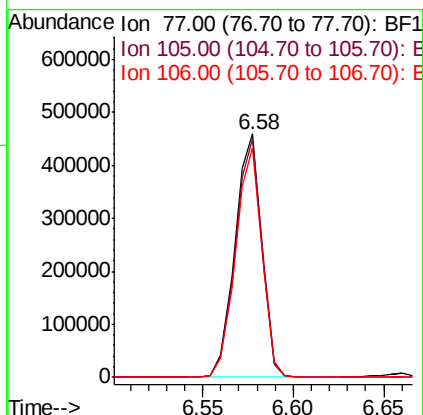
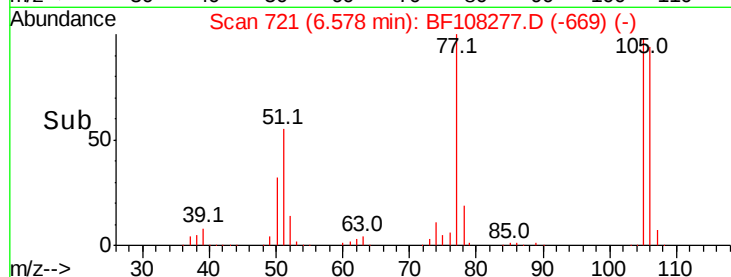
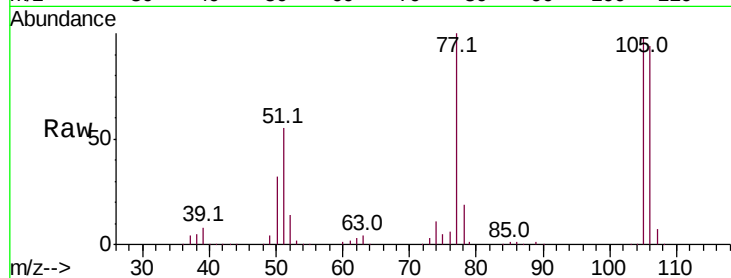
77 100

105 97.9 81.1 121.1

106 94.5 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 39.370 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

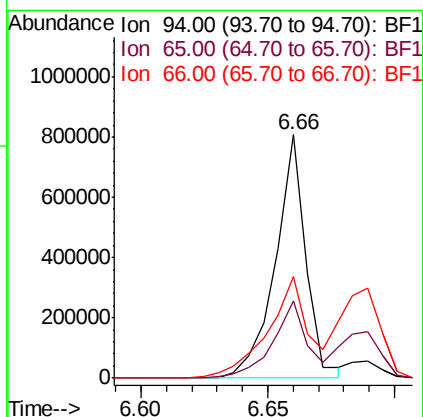
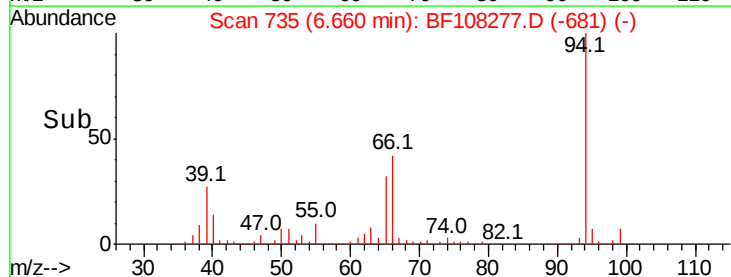
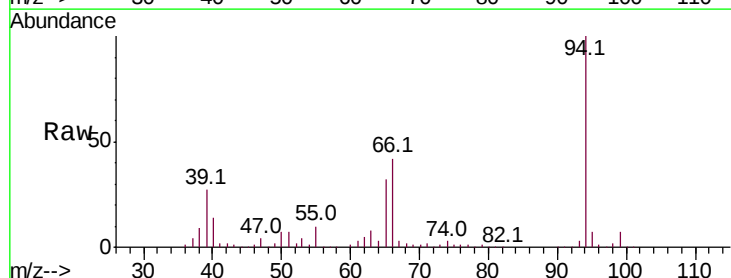
Tgt Ion: 94 Resp: 681023

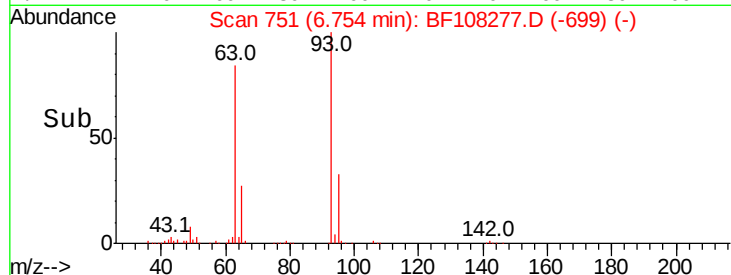
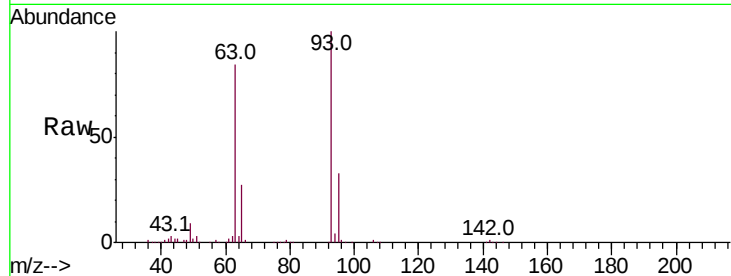
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 41.9 16.2 56.2





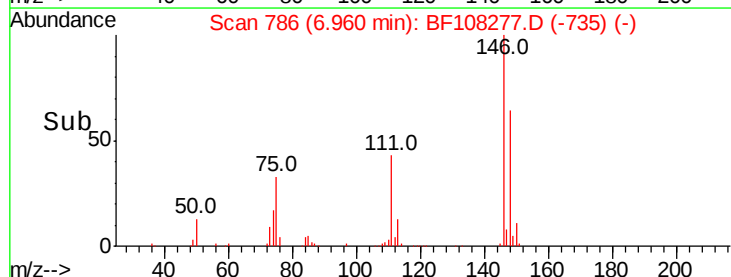
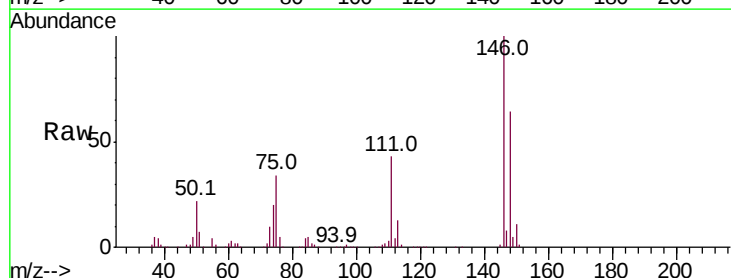
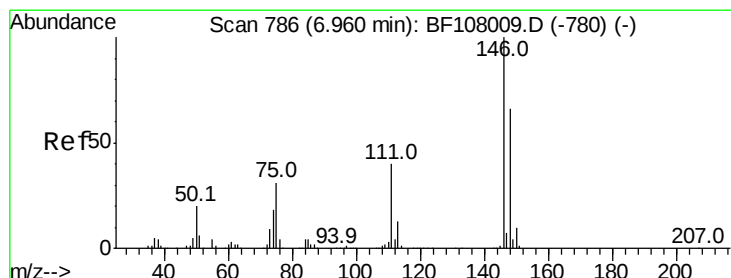
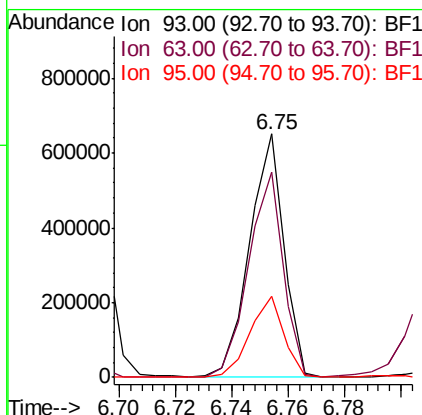
#11
bis(2-Chloroethyl)ether
Concen: 39.121 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tot Ion	Ratio	Resp	Lower	Upper
93	100	547086		
63	84.4	58.6	98.6	
95	33.0	11.8	51.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

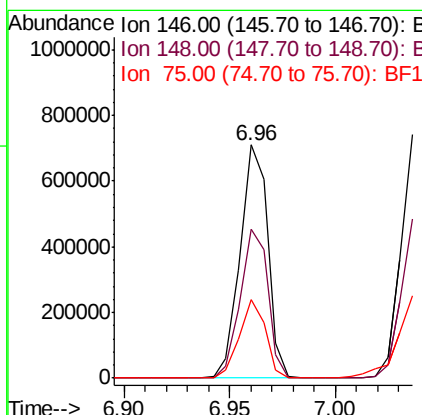
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#12
1,3-Dichlorobenzene
Concen: 39.162 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	641784		
148	63.7	51.8	77.8	
75	33.8	24.2	36.4	





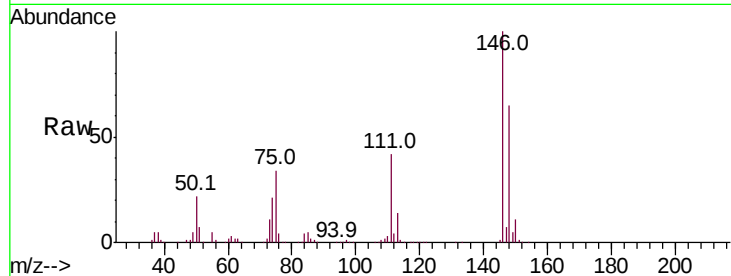
#13
1,4-Dichlorobenzene
Concen: 39.083 ng
RT: 7.04 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	42.0	34.2	51.2

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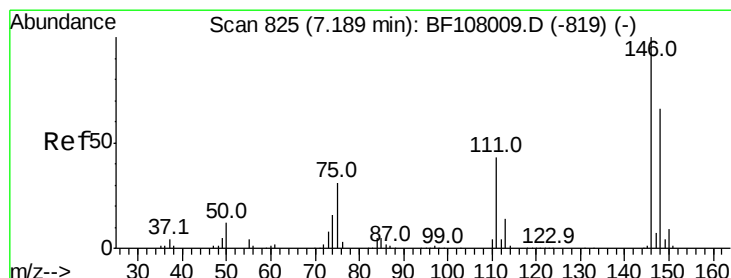
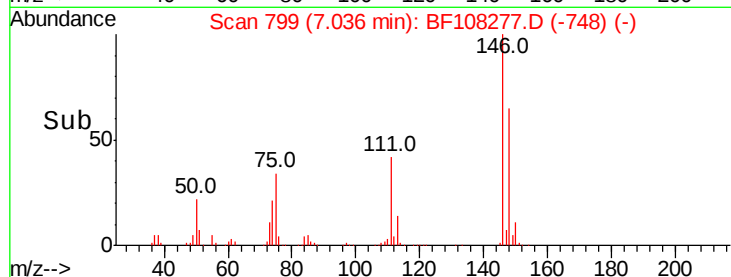
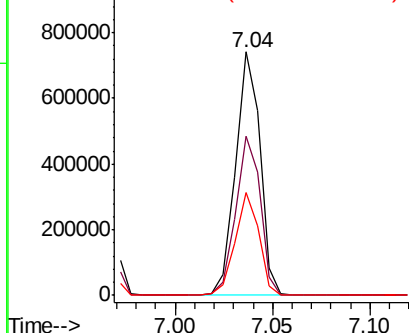


Abundance

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: 39.113 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

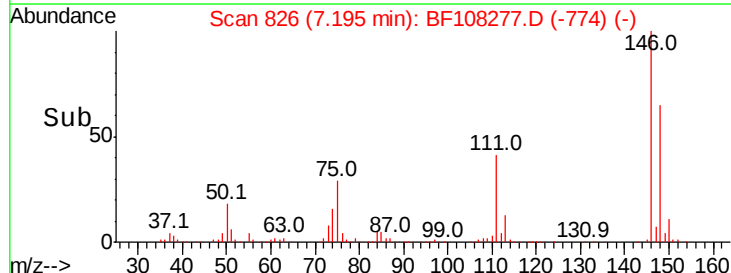
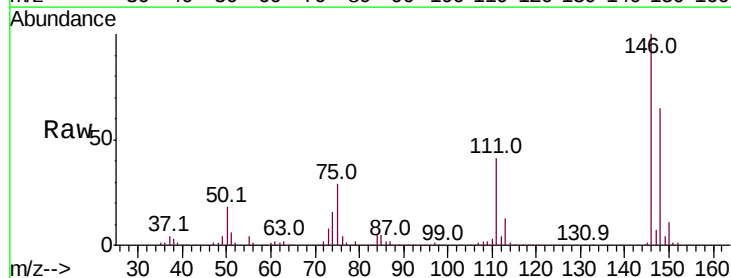
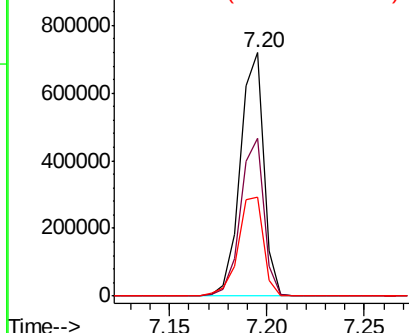
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	40.8	36.0	54.0

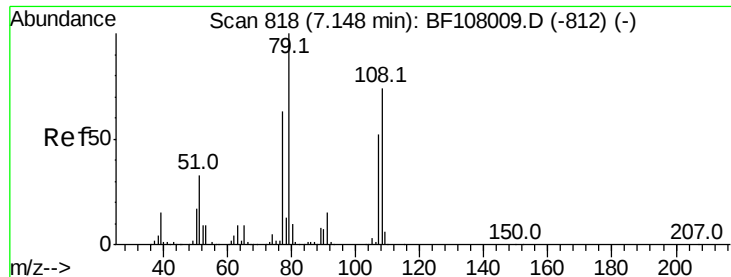
Abundance

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: 38.768 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

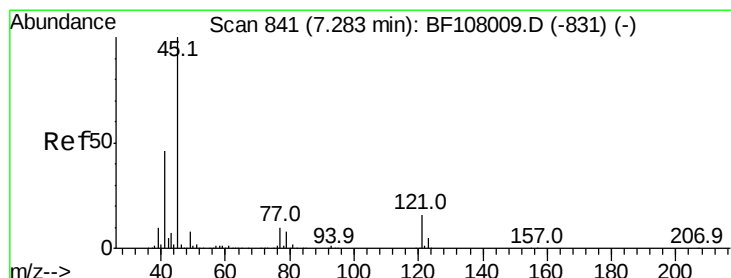
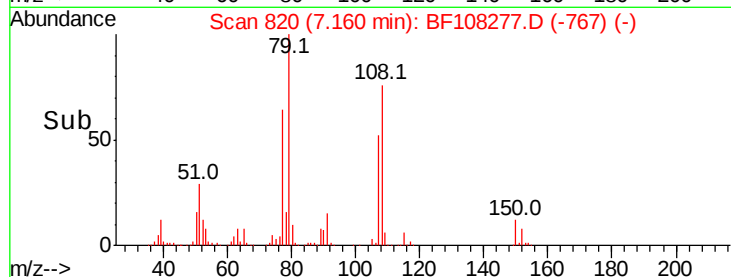
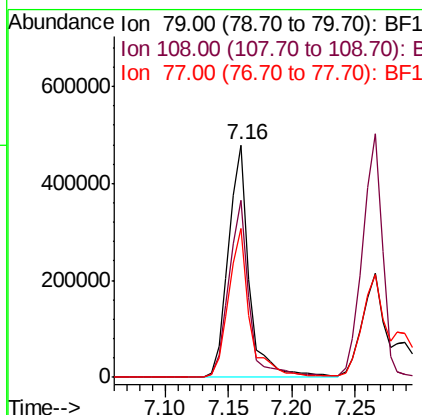
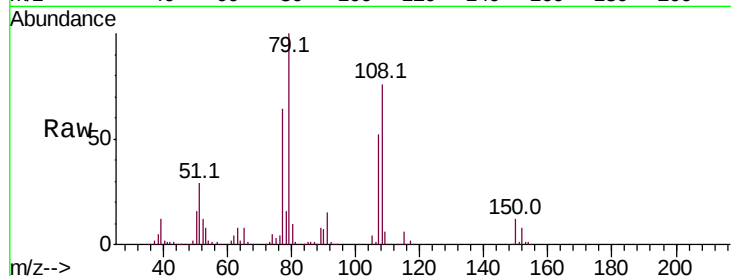
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	545774
Ion Ratio	Lower	Upper	
79	100		
108	76.4	65.1	97.7
77	63.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.945 ng

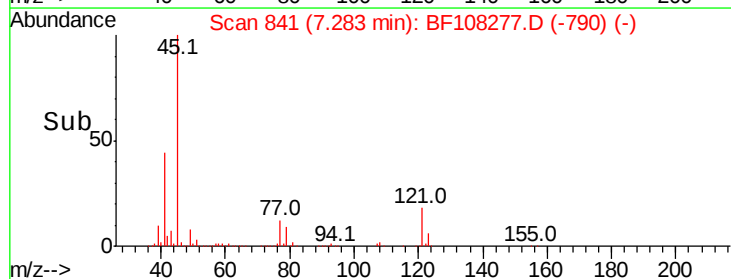
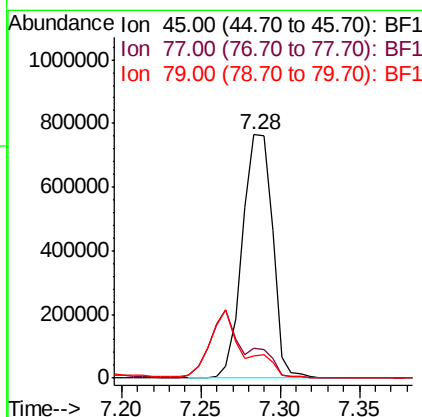
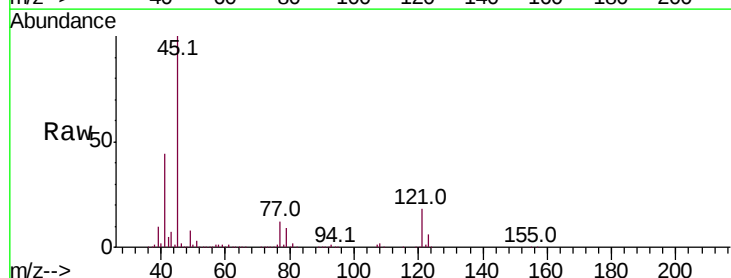
RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:	45	Resp:	1006723
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.9
79	9.2	0.0	29.6





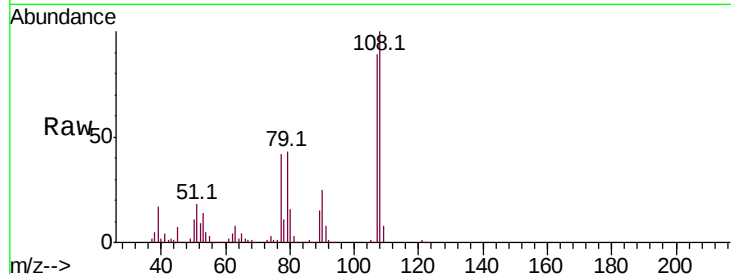
#17
2-Methylphenol
Concen: 39.005 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	47.8	33.8	50.8	
79	48.4	33.8	50.8	

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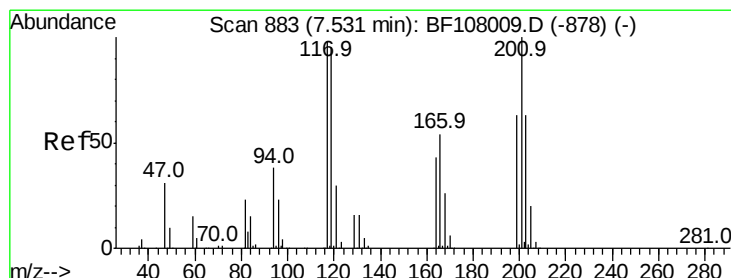
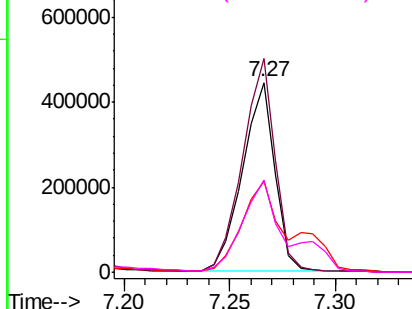
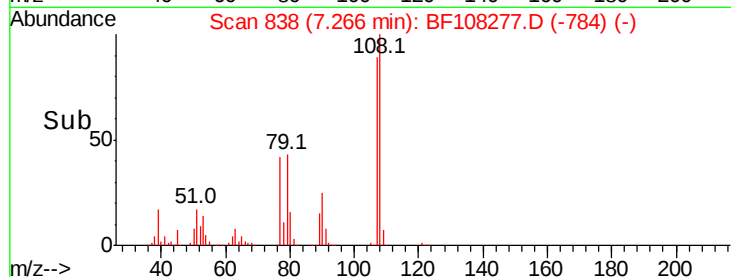
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

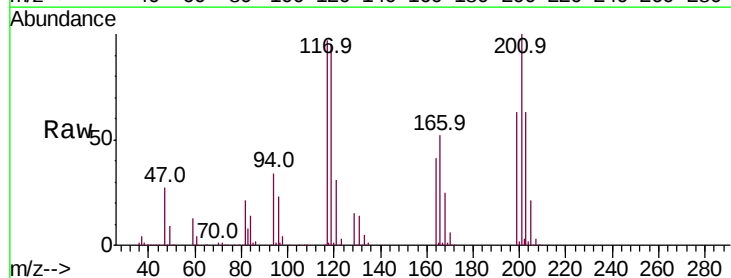
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.072 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	75.8	113.8	
201	102.7	75.7	113.5	

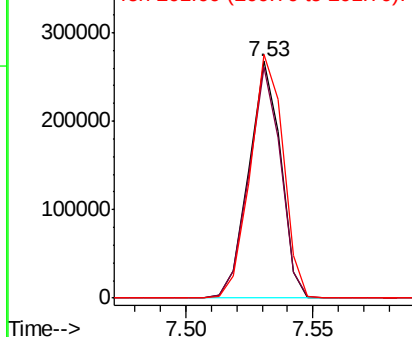
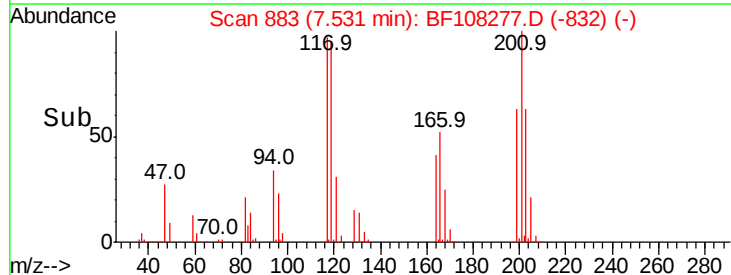


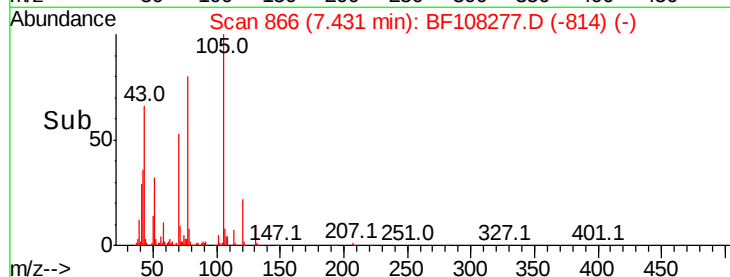
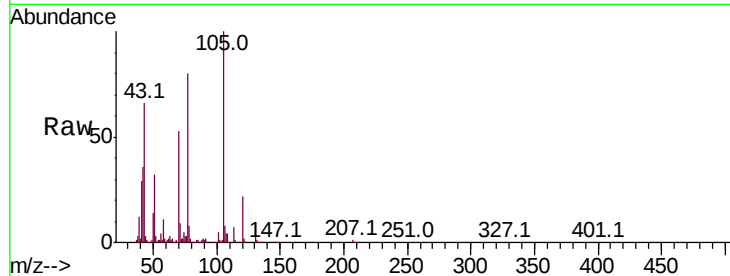
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





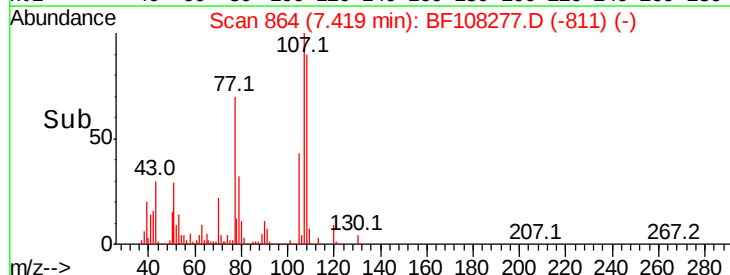
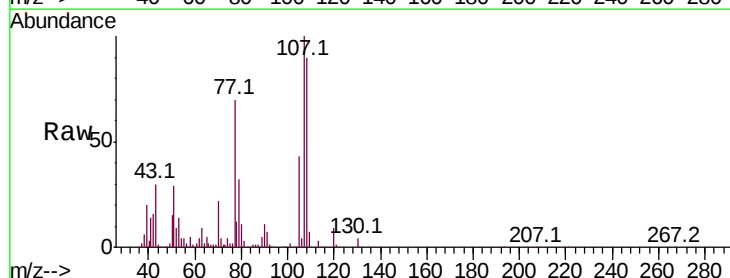
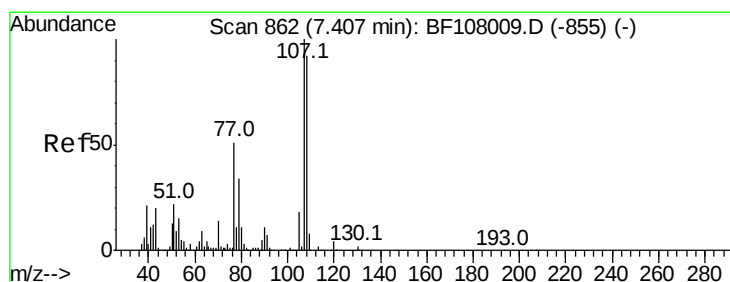
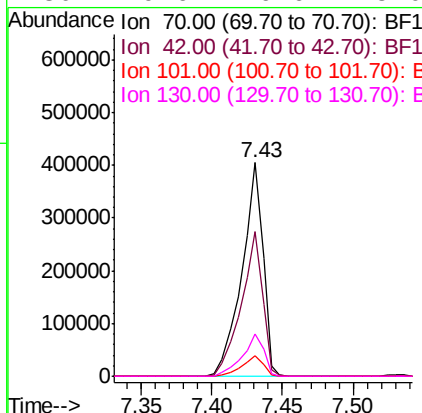
#19
n-Nitroso-di-n-propylamine
Concen: 37.409 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	47.5	71.3	
101	9.7	7.4	11.2	
130	19.6	16.6	25.0	

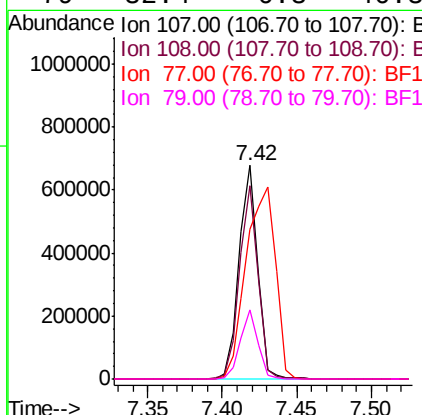
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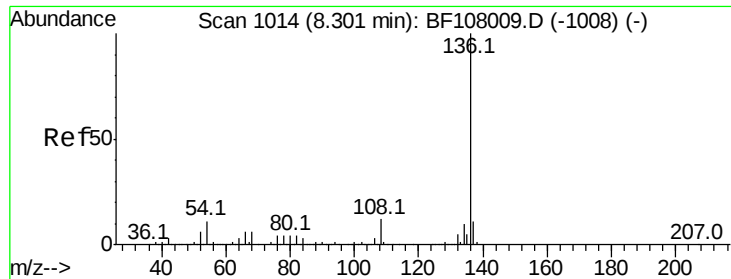
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#20
3+4-Methylphenols
Concen: 38.044 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	70.4	26.7	66.7#	
79	32.4	6.3	46.3	





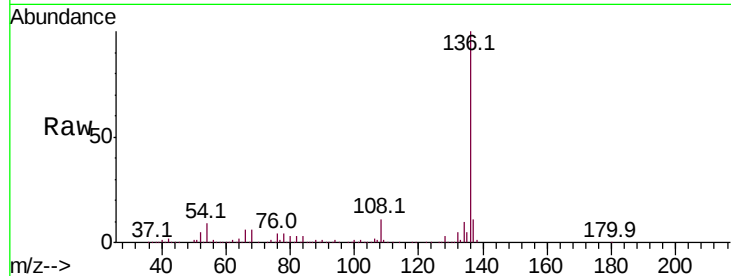
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	5.9	5.0	7.4

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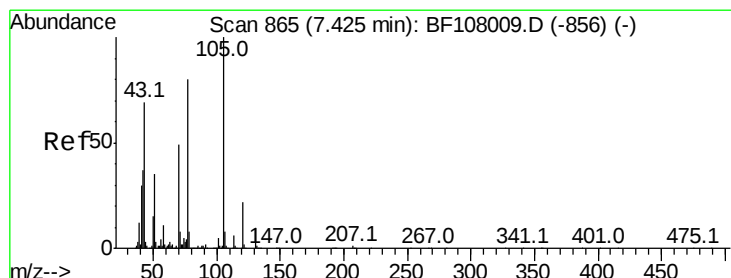
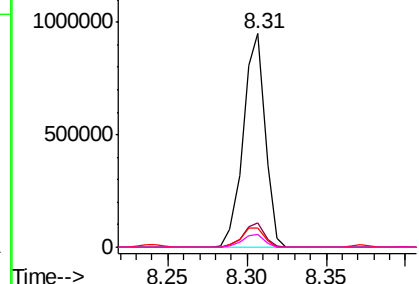
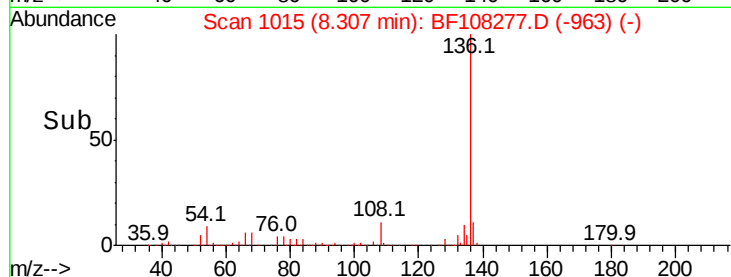
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

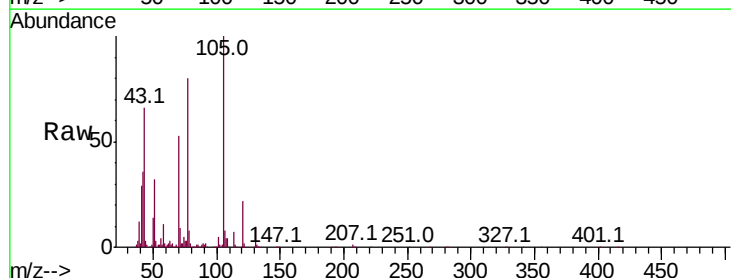
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.678 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.9	4.4	6.6#
51	31.9	22.3	33.5
120	21.6	16.9	25.3



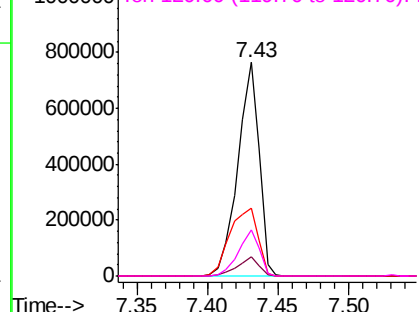
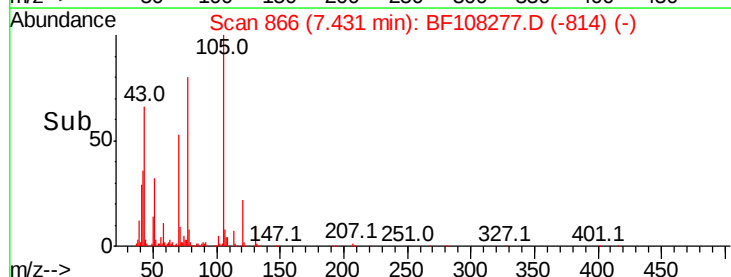
Abundance

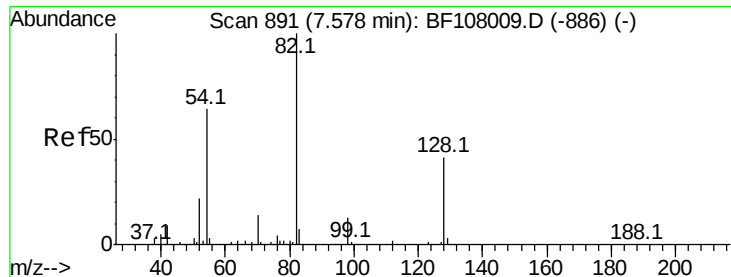
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





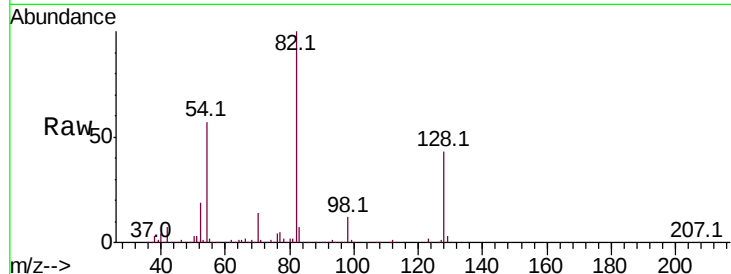
#23
 Nitrobenzene-d5
 Concen: 77.612 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

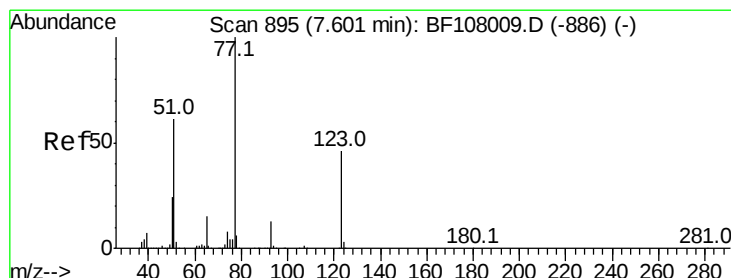
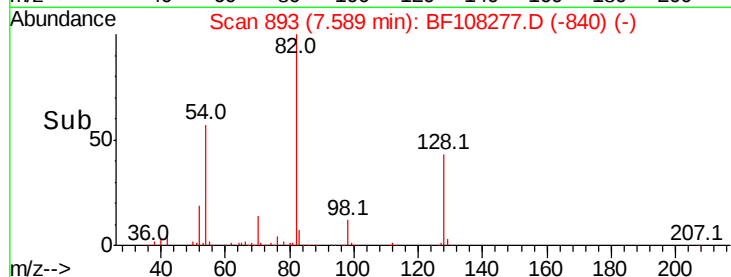
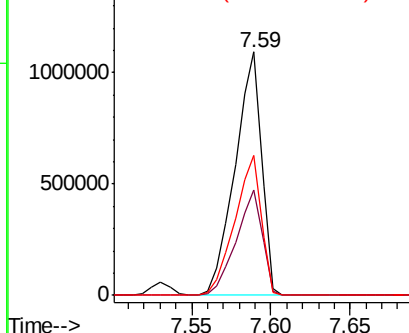
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	57.4	41.4	62.2

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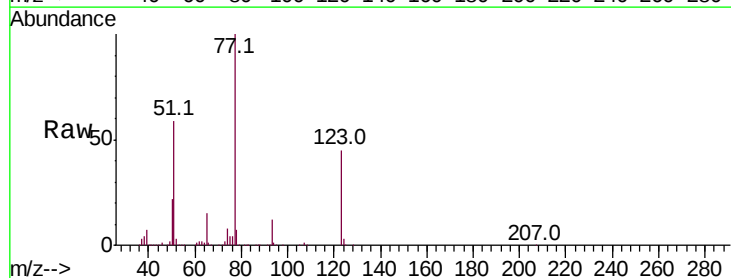


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

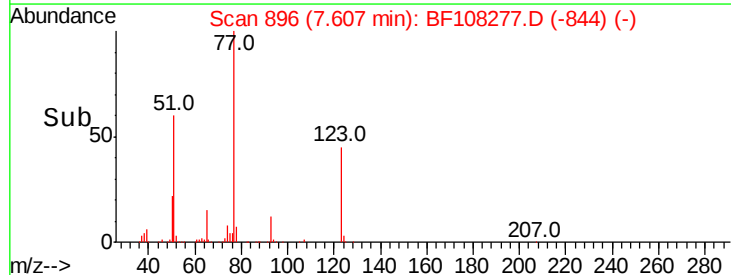
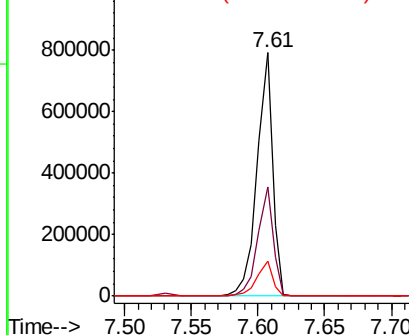


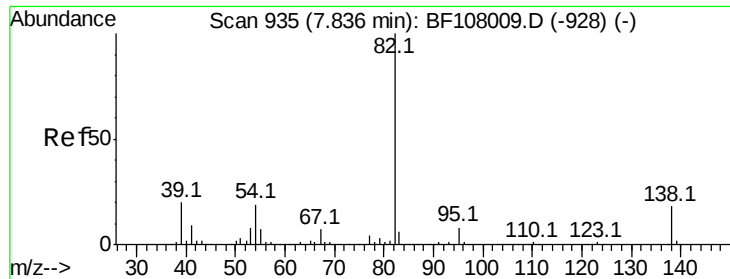
#24
 Nitrobenzene
 Concen: 38.171 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.9	56.9
65	14.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.567 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1165982

Ion Ratio Lower Upper

82 100

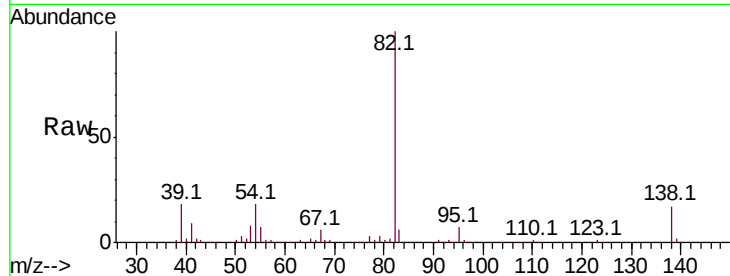
95 7.3 5.2 7.8

138 17.3 14.9 22.3

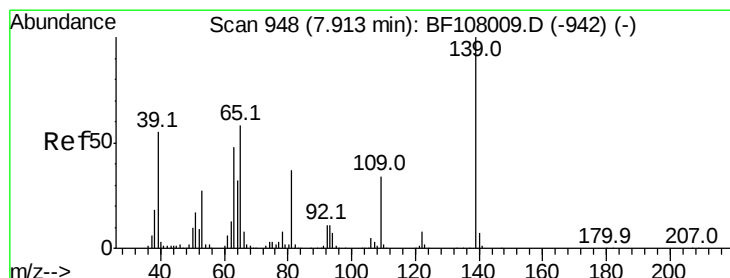
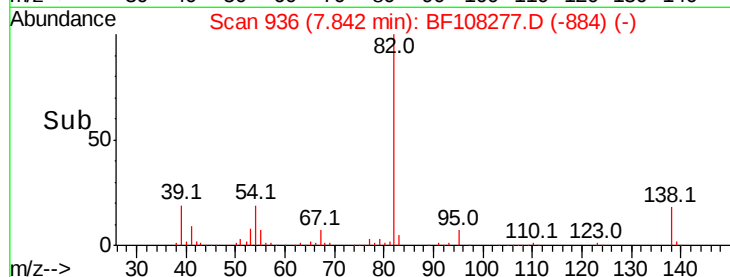
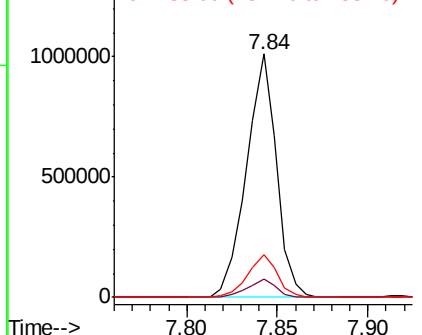
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.944 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

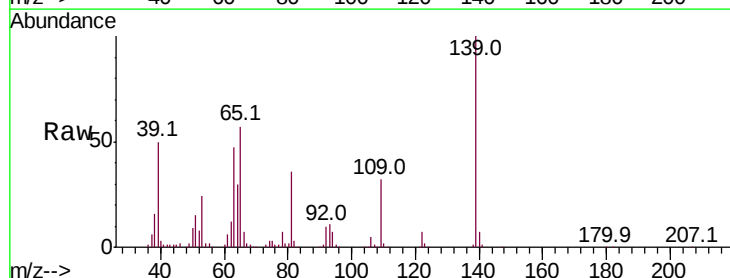
Tgt Ion: 139 Resp: 273265

Ion Ratio Lower Upper

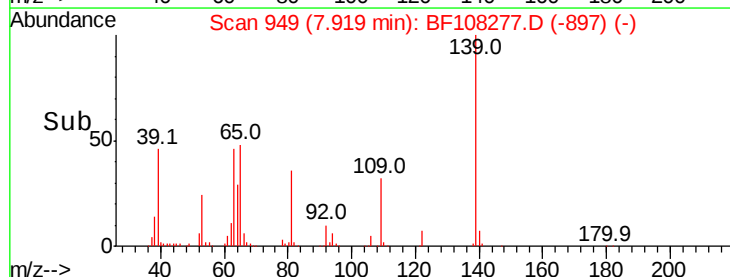
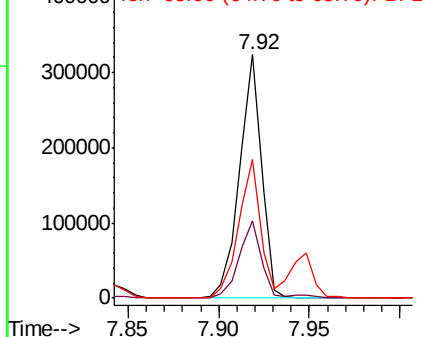
139 100

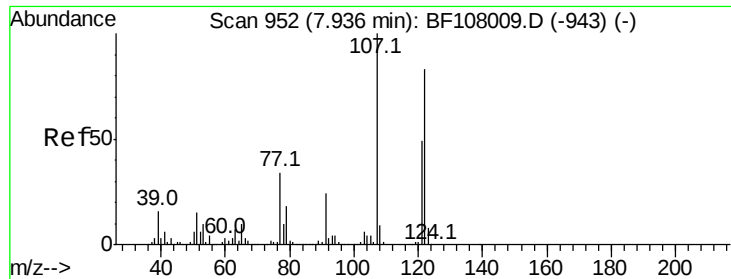
109 32.0 22.7 34.1

65 57.1 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 38.506 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

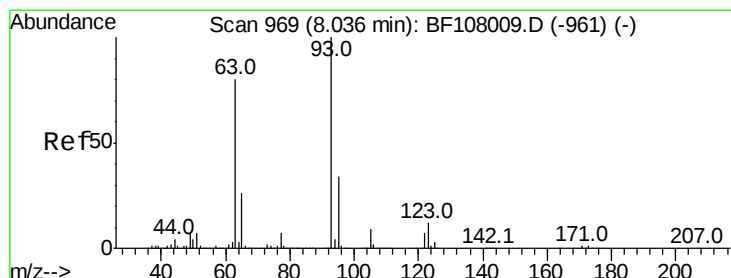
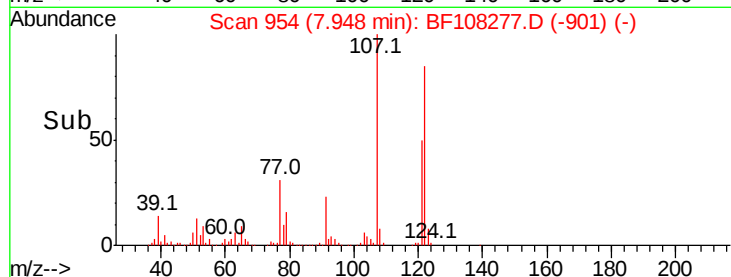
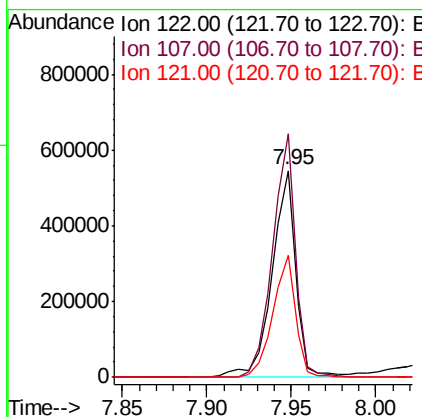
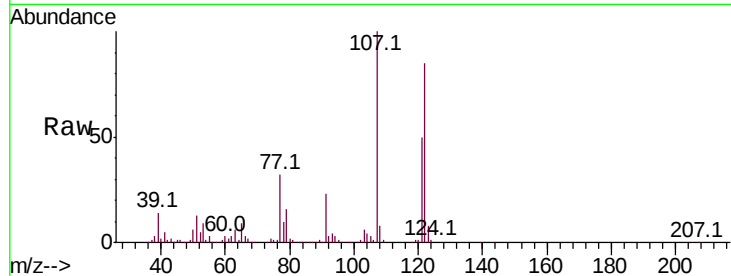
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	530427
Ion Ratio	Lower	Upper	
122	100		
107	117.8	91.2	136.8
121	58.9	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.355 ng

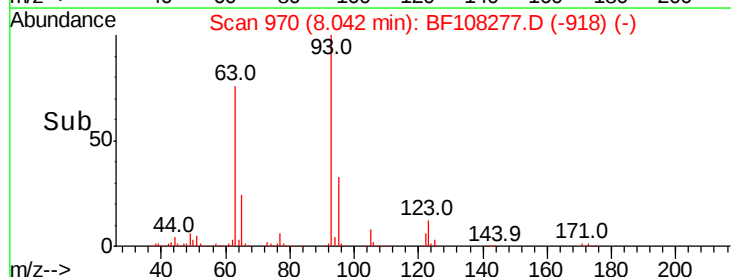
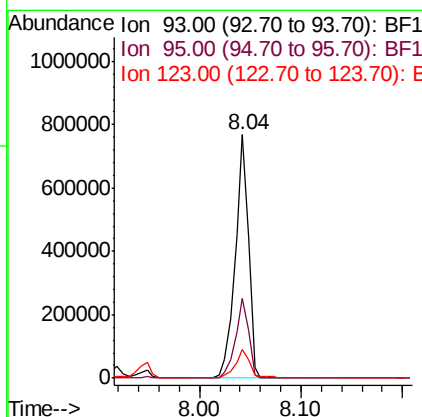
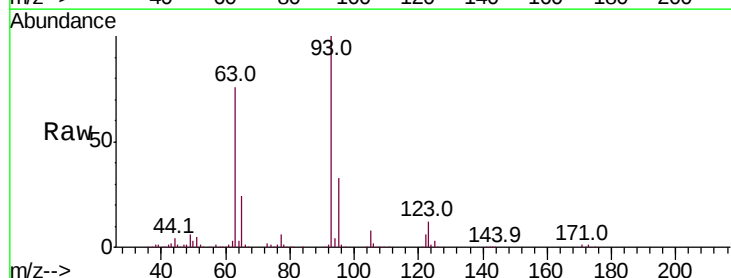
RT: 8.04 min Scan# 970

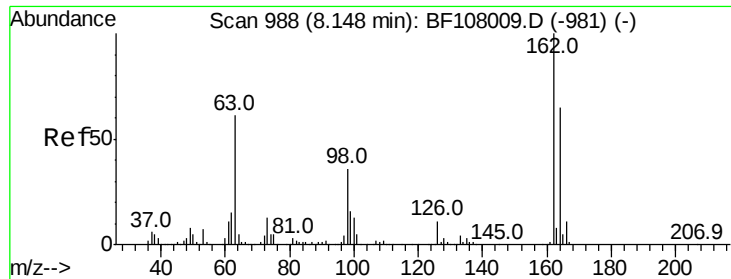
Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:	93	Resp:	694957
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.7	9.8	14.6





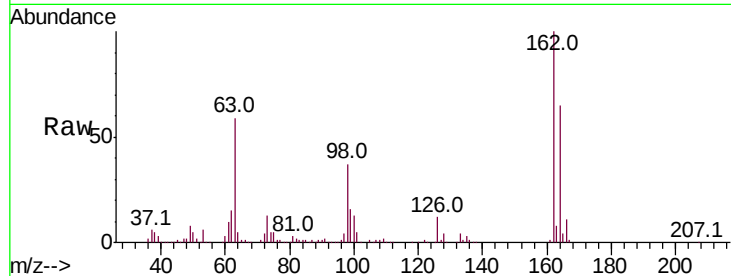
#29
2,4-Dichlorophenol
Concen: 39.732 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	503677		
164	65.0	42.7	82.7	
98	37.2	18.1	58.1	

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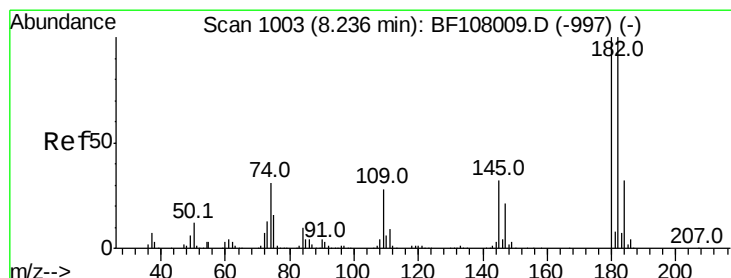
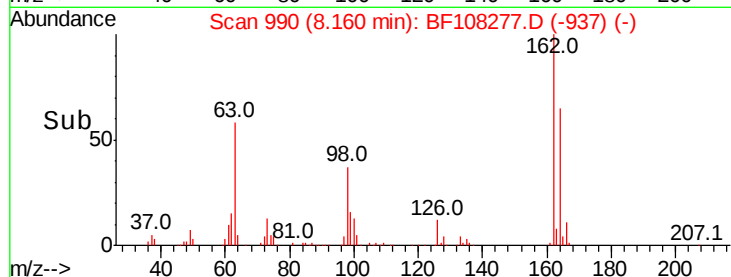
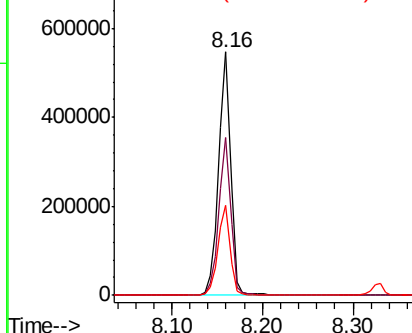


Abundance

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: 38.214 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

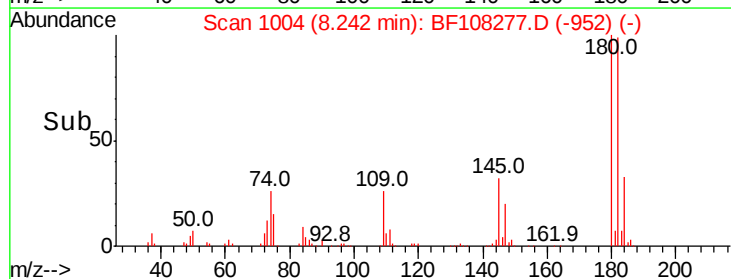
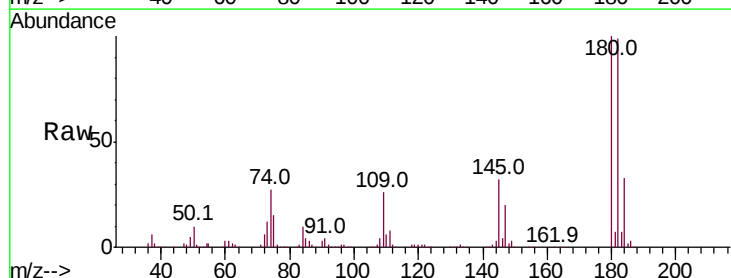
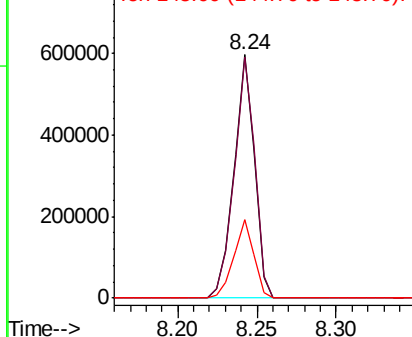
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	534100		
182	99.0	76.8	115.2	
145	32.1	26.5	39.7	

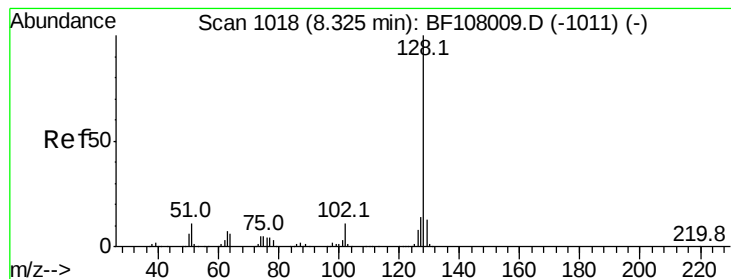
Abundance

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: 38.774 ng

RT: 8.33 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1602264

Ion Ratio Lower Upper

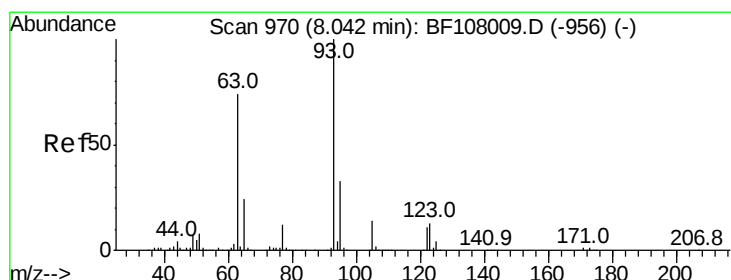
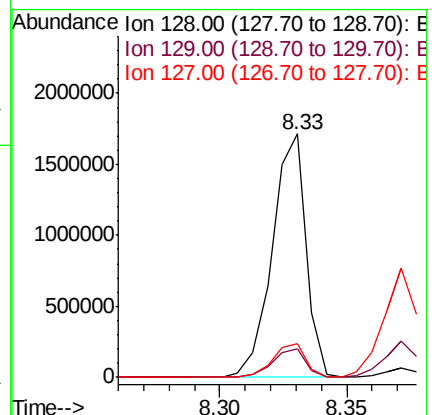
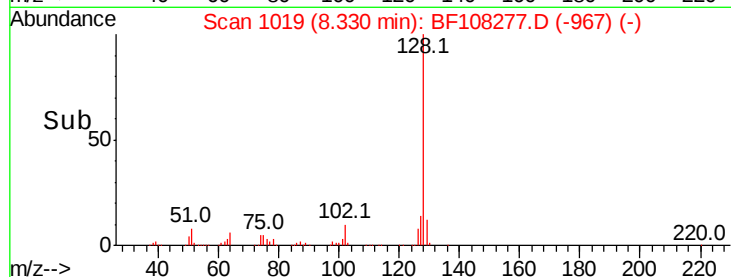
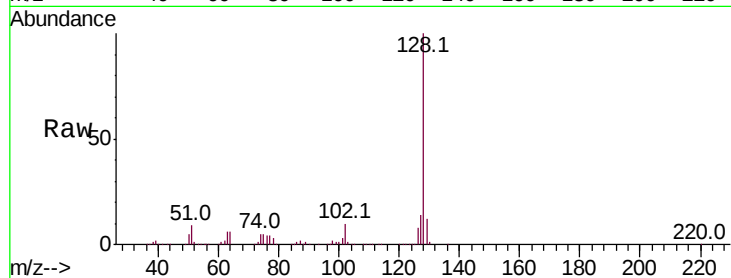
128 100

129 11.7 8.8 13.2

127 14.1 10.9 16.3

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#32

Benzoic acid

Concen: 33.641 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.03 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

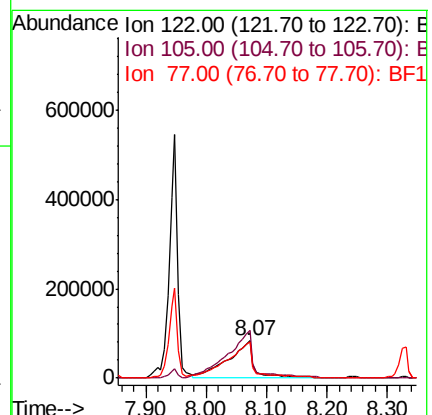
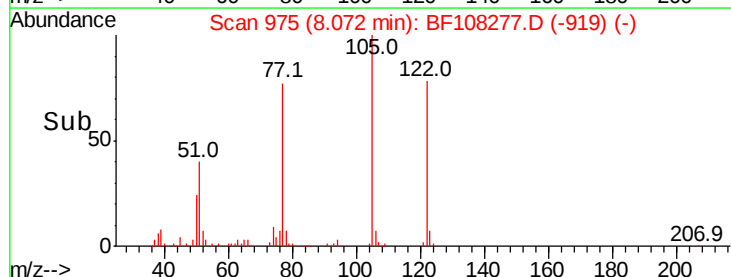
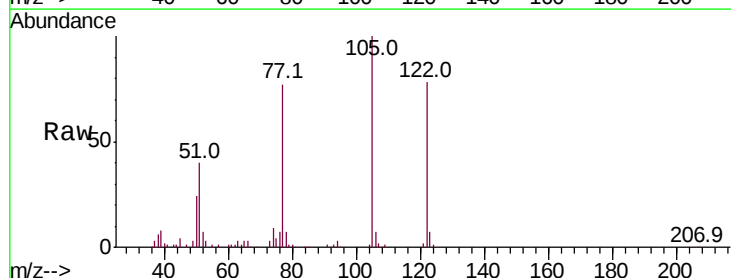
Tgt Ion:122 Resp: 252594

Ion Ratio Lower Upper

122 100

105 128.2 101.1 141.1

77 98.8 70.7 110.7





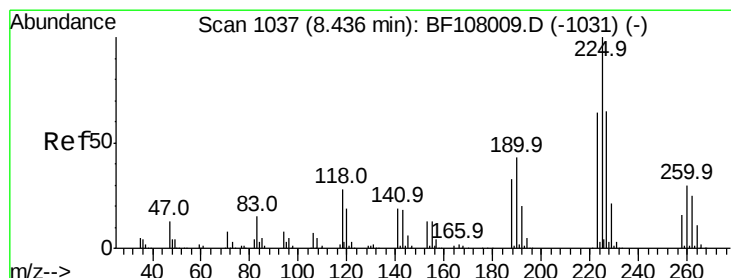
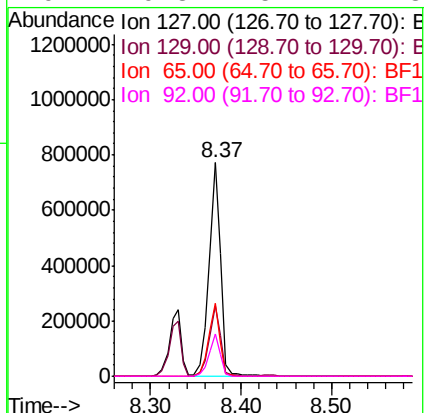
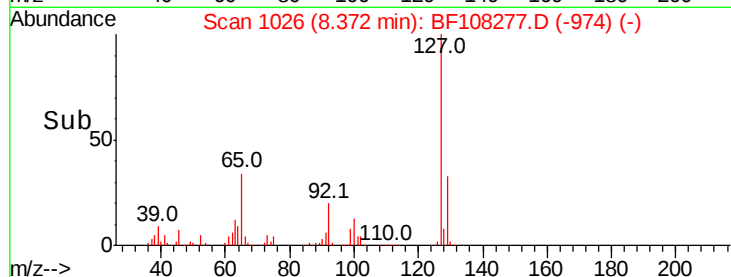
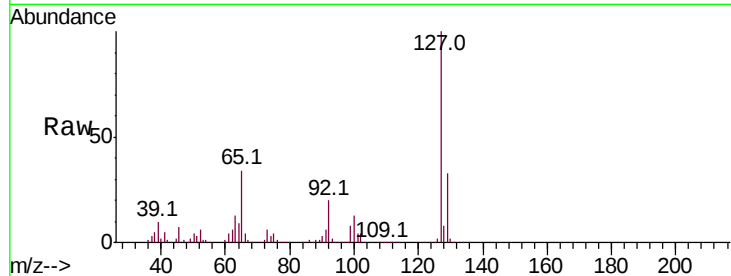
#33
4-Chloroaniline
Concen: 39.146 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.9	38.9	
65	34.3	25.0	37.4	
92	19.8	15.2	22.8	

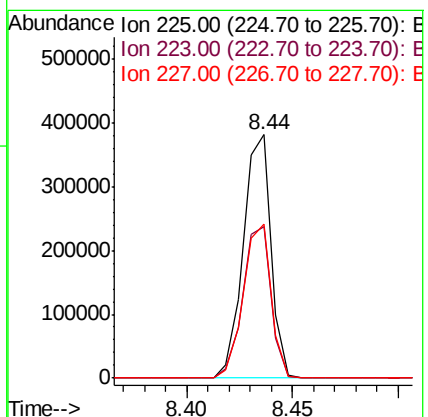
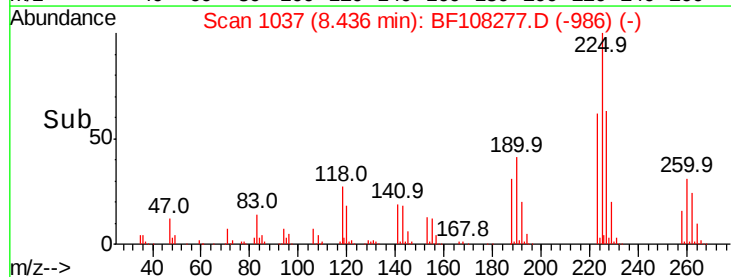
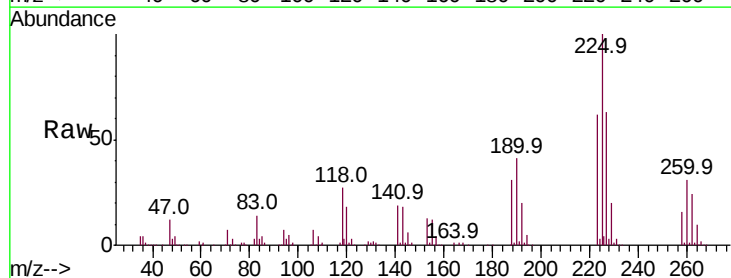
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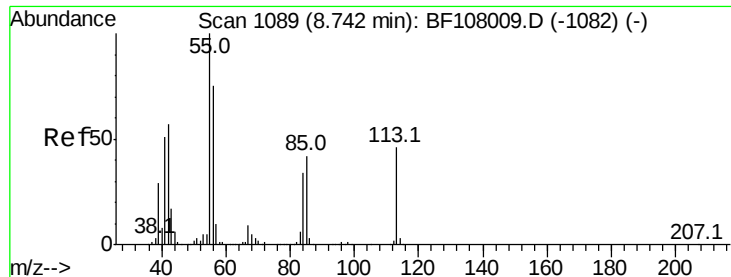
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#34
Hexachlorobutadiene
Concen: 39.200 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	50.6	76.0	
227	63.3	51.9	77.9	





#35

Caprolactam

Concen: 39.388 ng

RT: 8.76 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

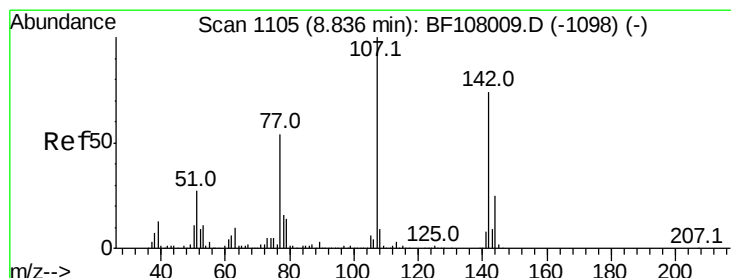
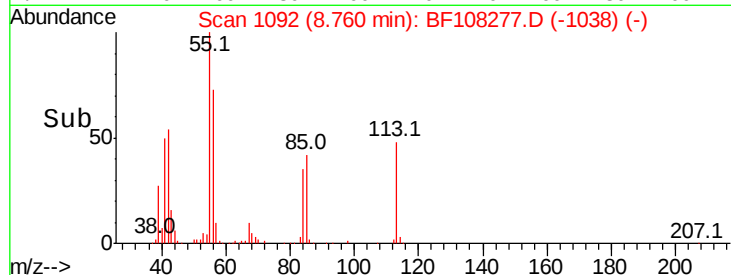
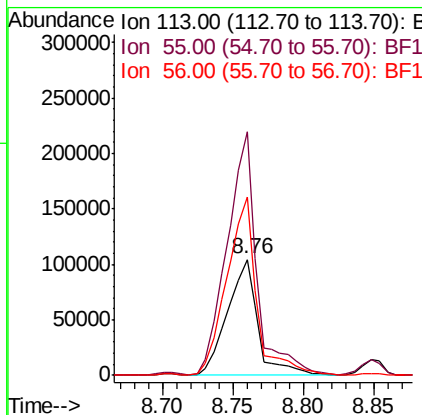
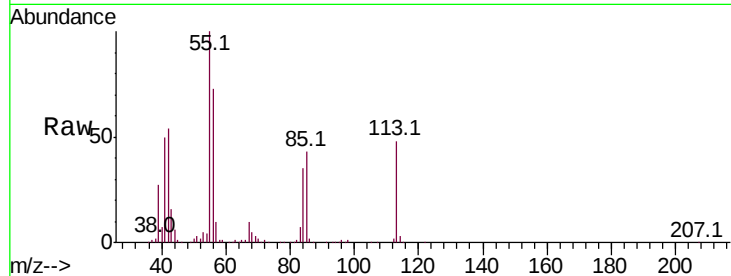
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.8	163.3	203.3#
56	154.2	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 38.525 ng

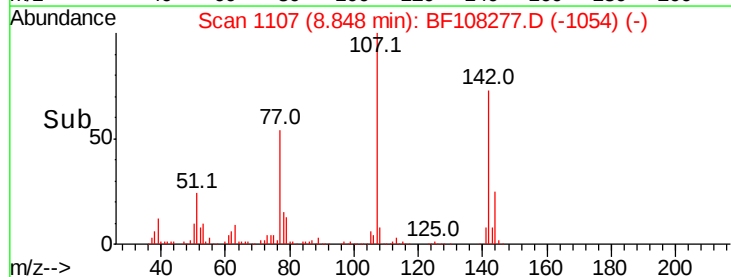
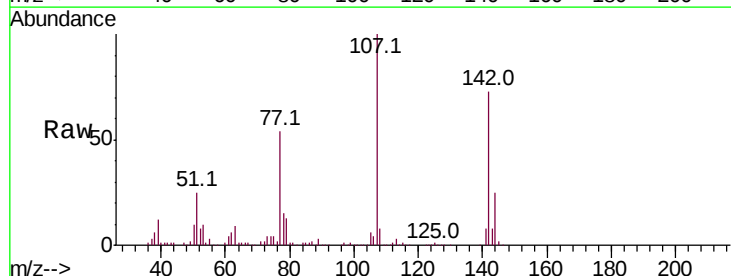
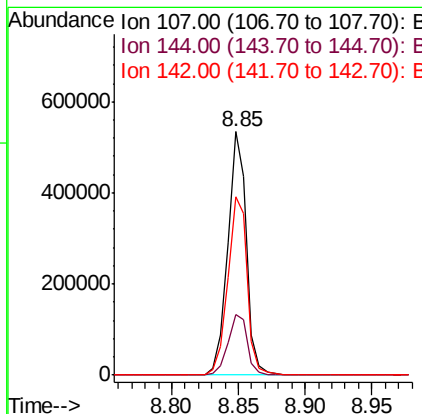
RT: 8.85 min Scan# 1107

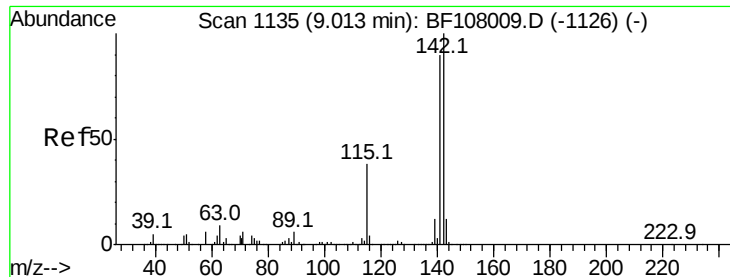
Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.5	30.7
142	73.1	62.0	93.0





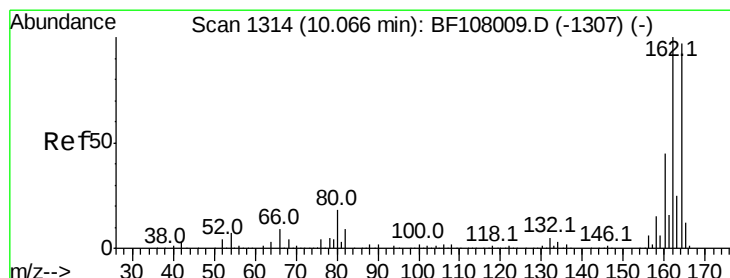
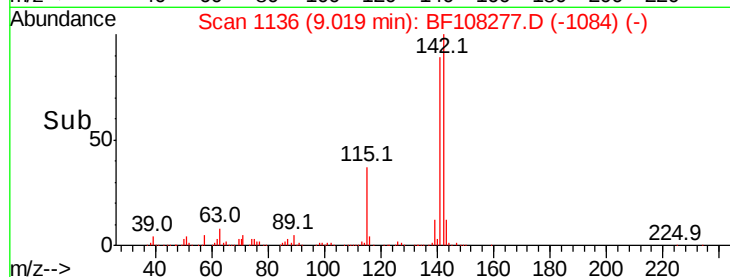
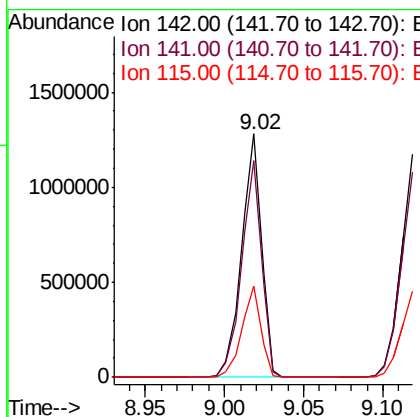
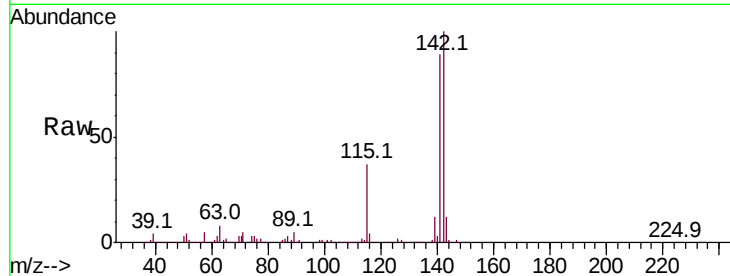
#37
 2-Methylnaphthalene
 Concen: 38.256 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	37.3	26.1	39.1

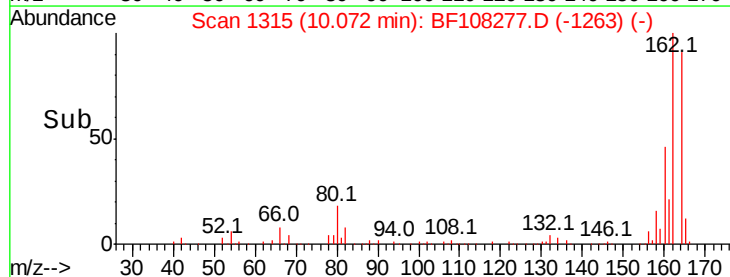
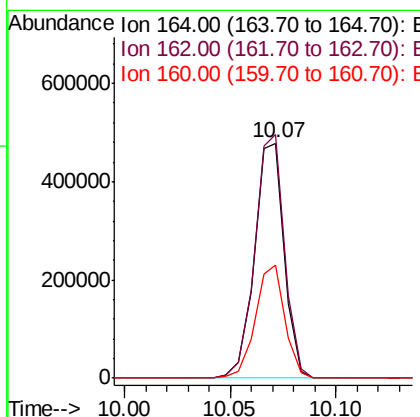
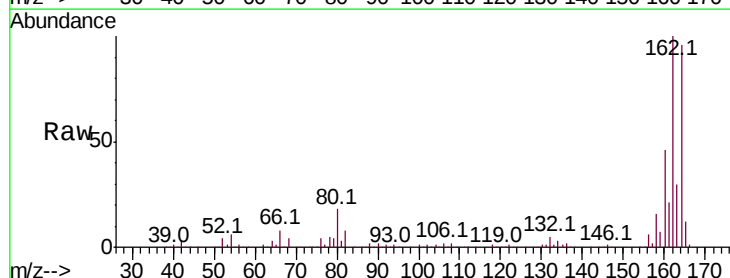
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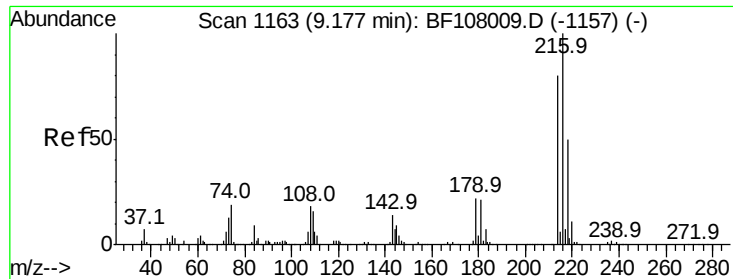
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	48.2	38.3	57.5





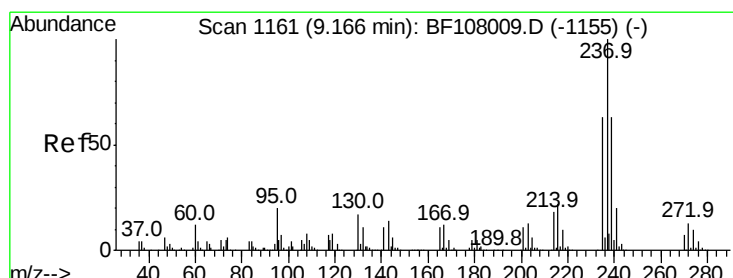
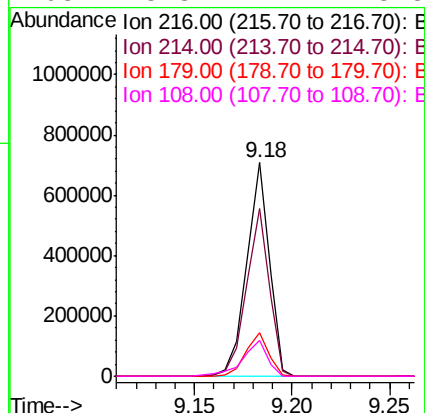
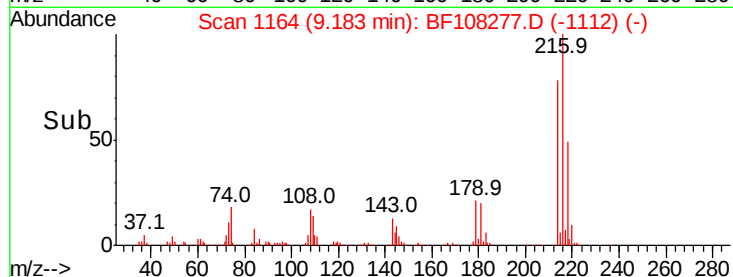
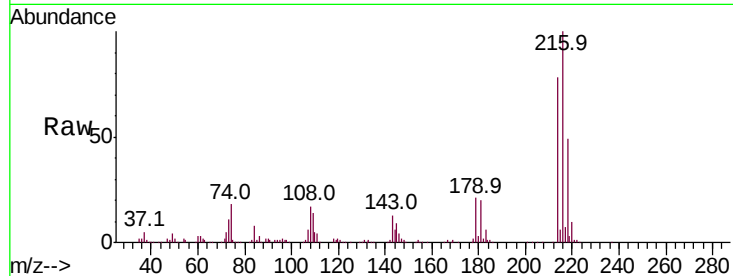
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.793 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.0	94.4	
179	20.5	18.1	27.1	
108	18.3	17.2	25.8	

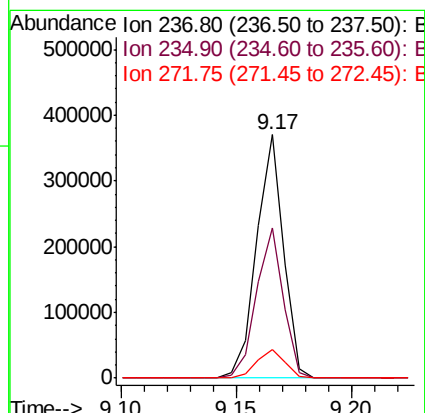
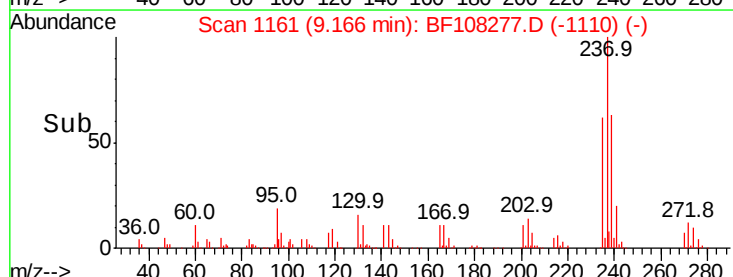
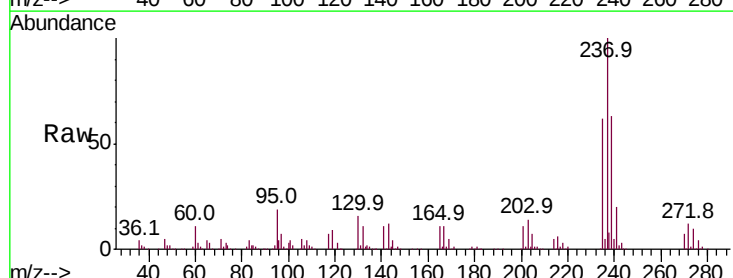
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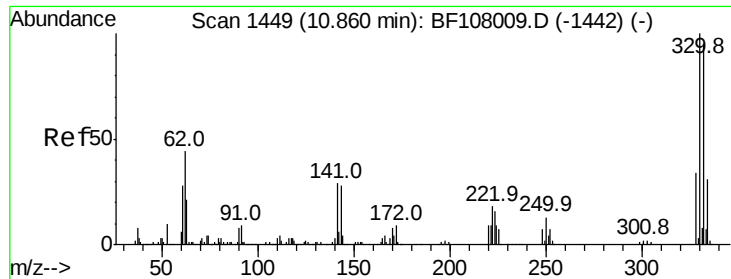
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#40
 Hexachlorocyclopentadiene
 Concen: 32.504 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.8	44.8	84.8	
272	12.0	0.0	33.3	





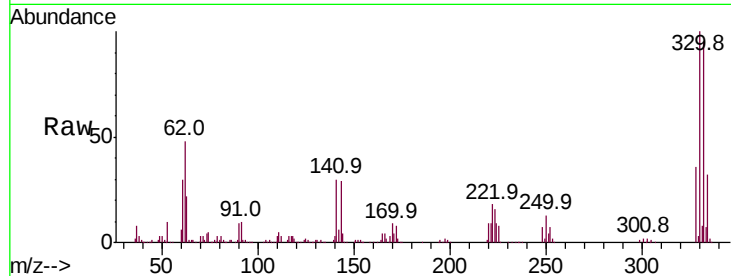
#41
 2,4,6-Tribromophenol
 Concen: 84.057 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	32.4	29.9	44.9	

Manual Integrations
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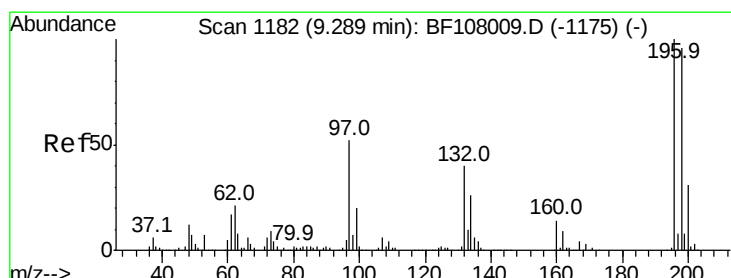
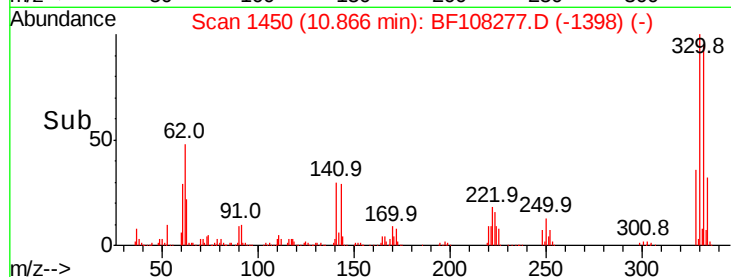
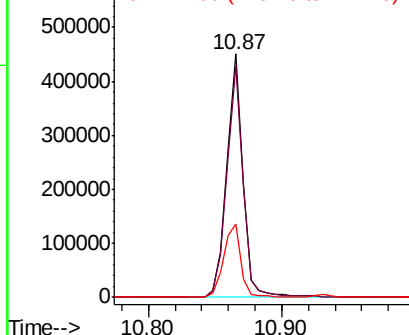


Abundance

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: 41.679 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

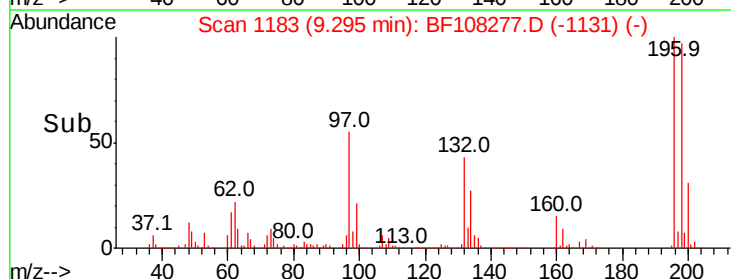
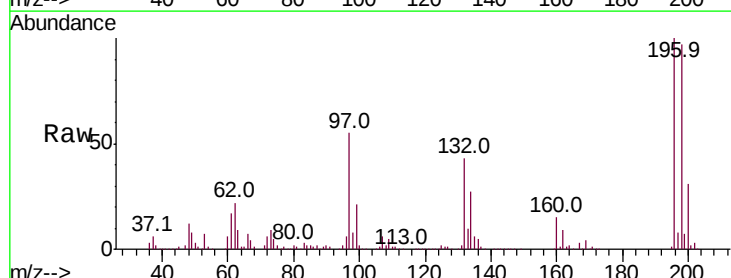
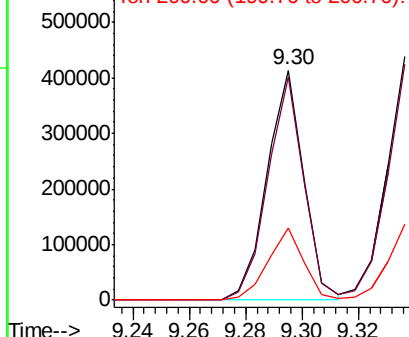
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	75.7	113.5	
200	31.1	24.5	36.7	

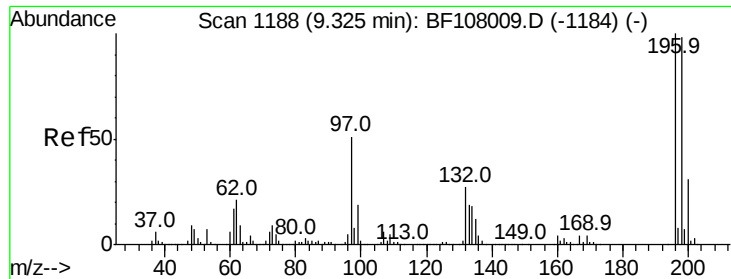
Abundance

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





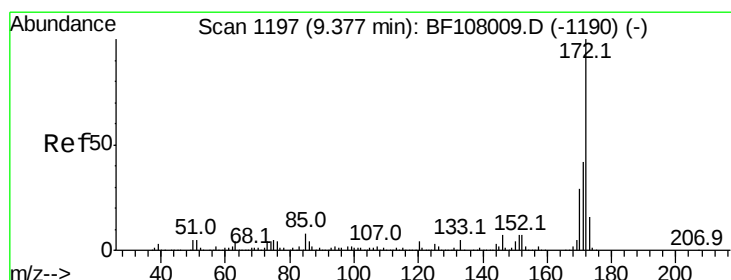
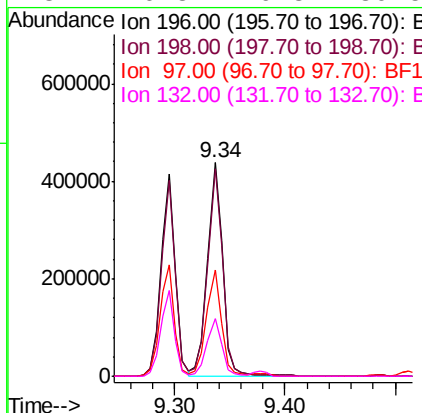
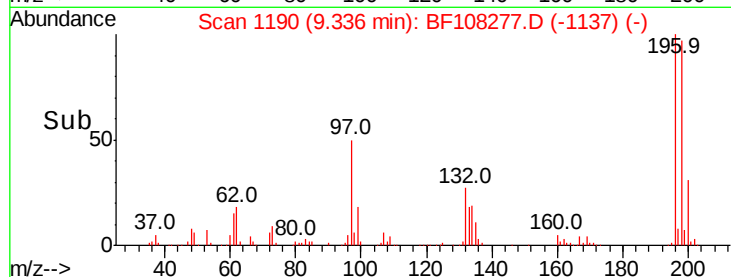
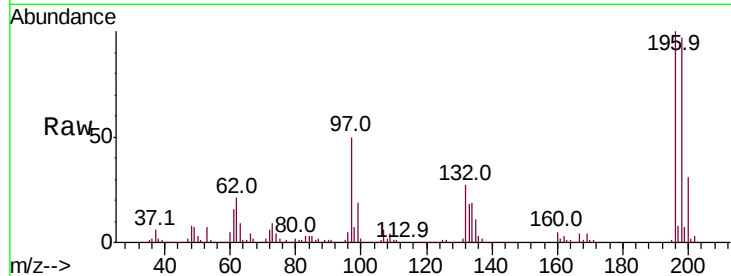
#43
 2,4,5-Trichlorophenol
 Concen: 41.322 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	405318
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	50.0	42.9	64.3
132	26.8	26.3	39.5

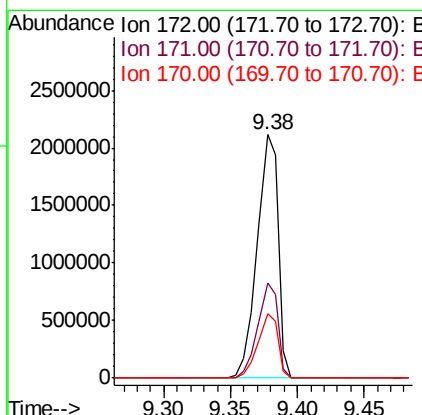
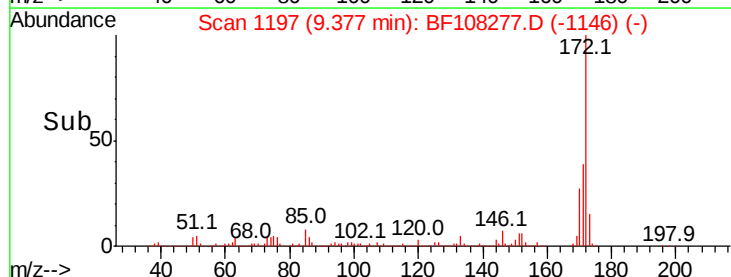
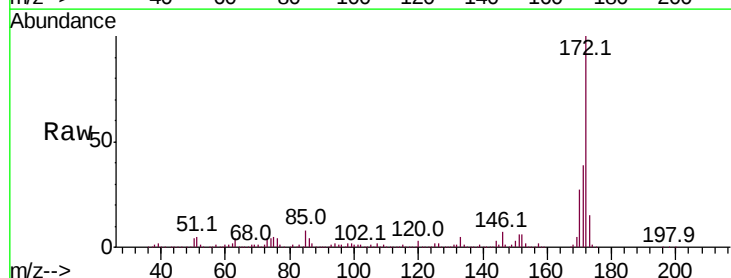
Manual Integrations
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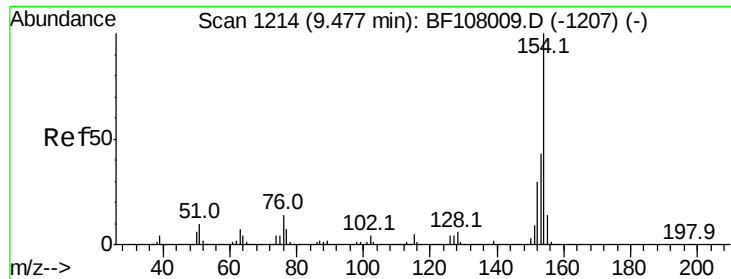
Sohil
 8/21/2018 1:42:35 PM



#44
 2-Fluorobiphenyl
 Concen: 77.548 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	172	Resp	2258550
Ion Ratio	Lower	Upper	
172	100		
171	38.9	29.7	44.5
170	26.6	19.6	29.4





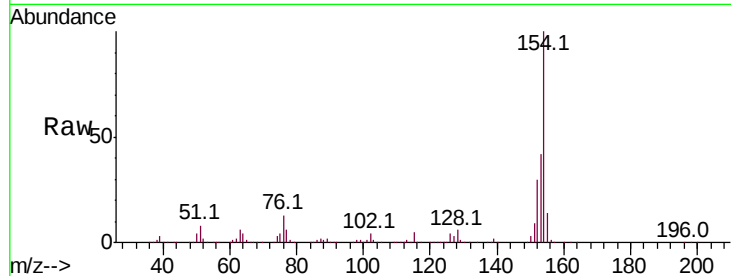
#45
 1,1'-Biphenyl
 Concen: 38.918 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.3	61.3
76	12.9	0.0	34.0

Manual Integrations
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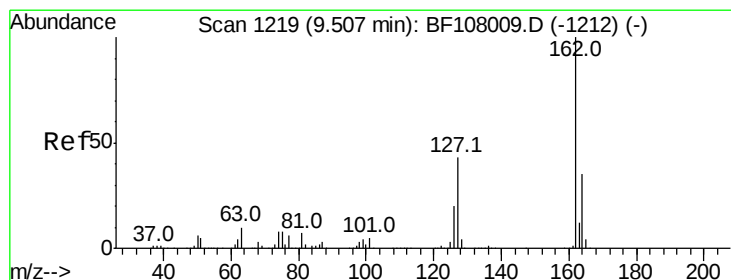
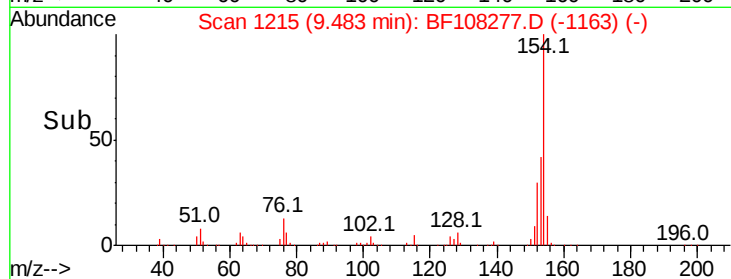
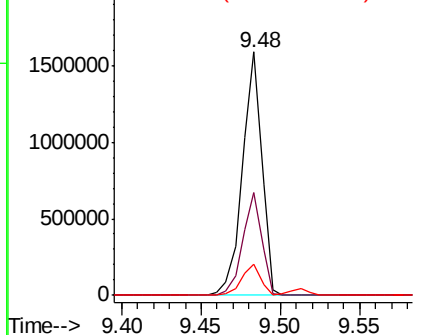


Abundance

Ion 154.00 (153.70 to 154.70): E

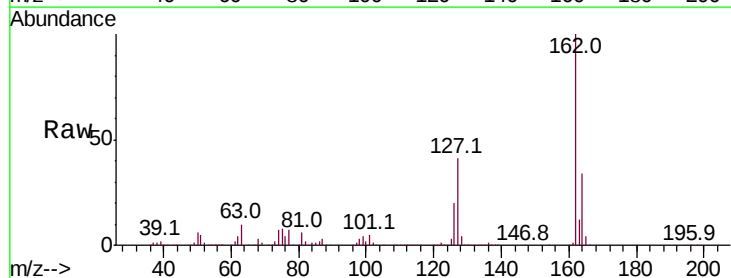
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.027 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	34.0	26.5	39.7

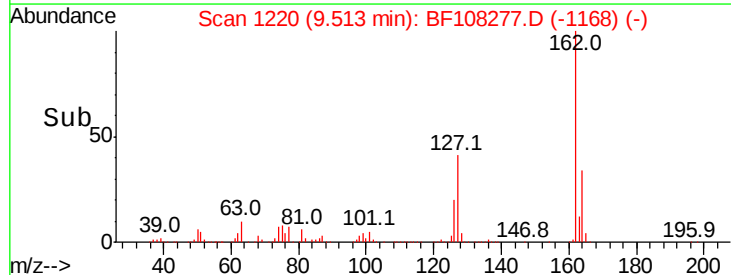
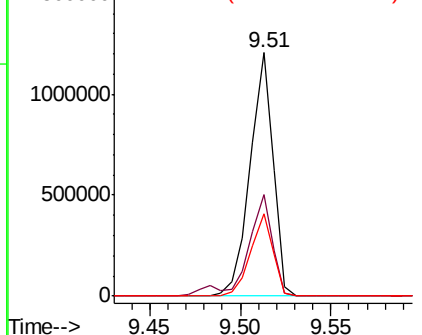


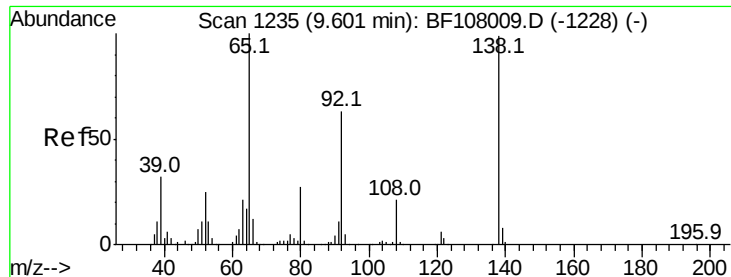
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





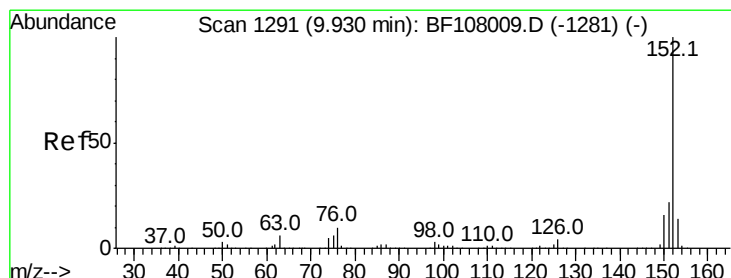
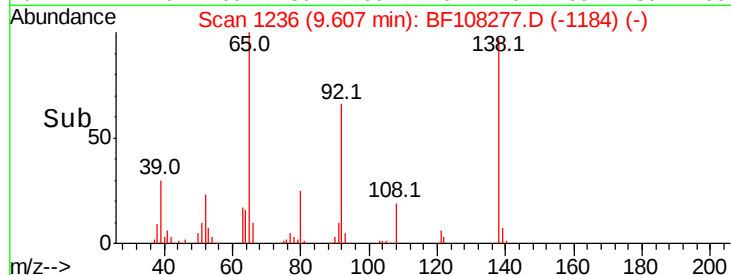
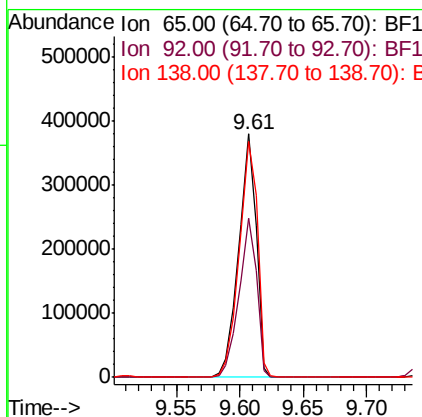
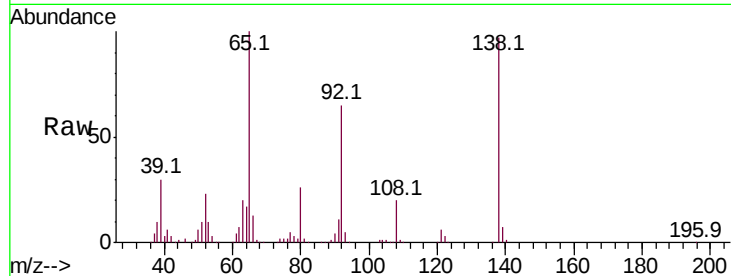
#47
2-Nitroaniline
Concen: 40.787 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	55.8	83.6
138	96.7	91.2	136.8

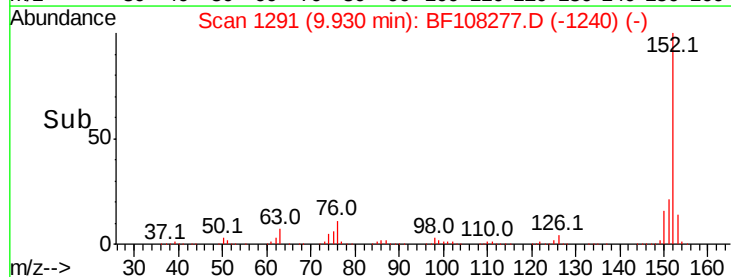
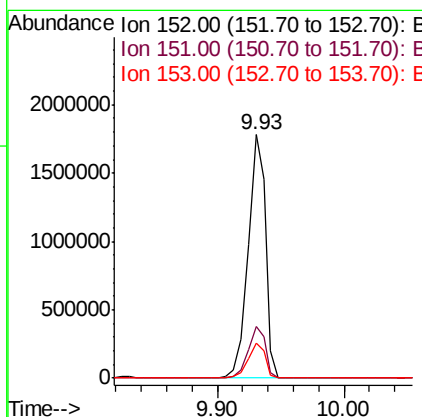
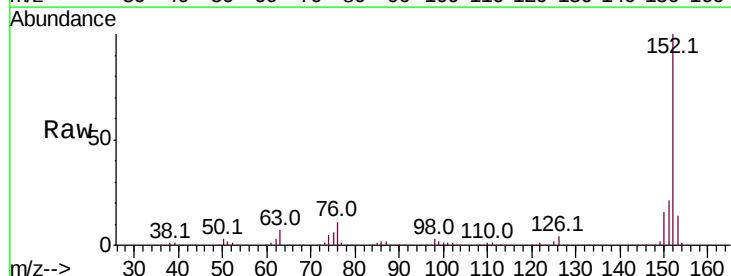
Manual Integrations
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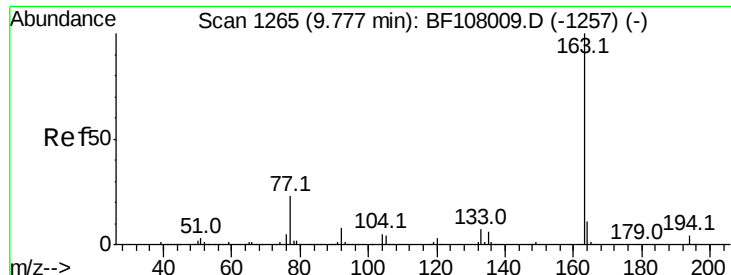
Sohil
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#48
Acenaphthylene
Concen: 39.210 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	14.2	10.7	16.1





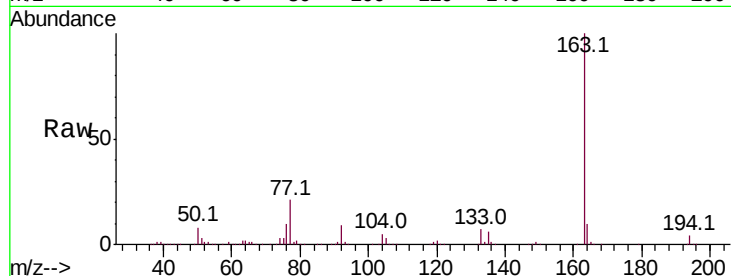
#49
Dimethylphthalate
Concen: 38.970 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

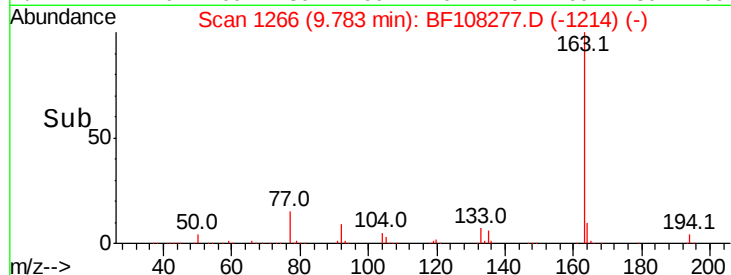
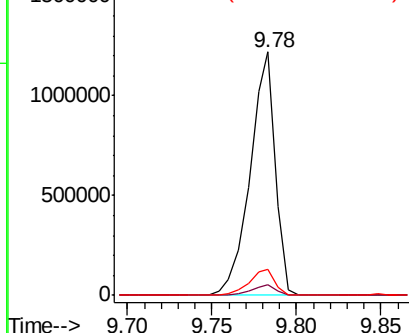
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2

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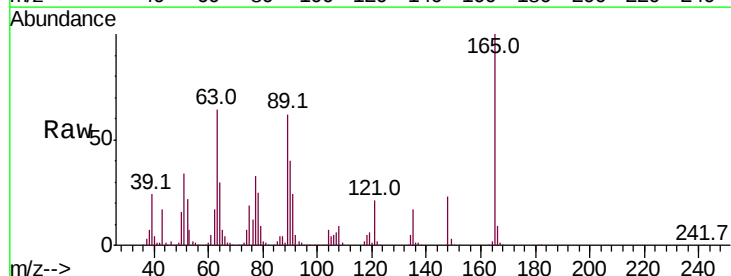
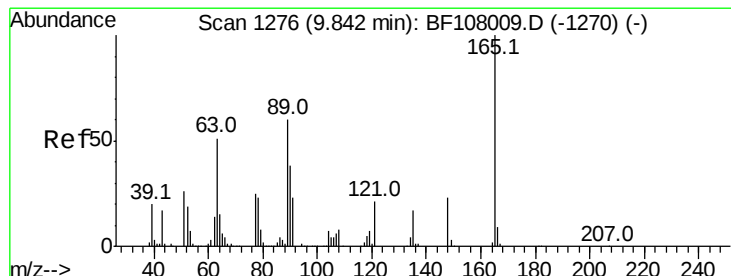
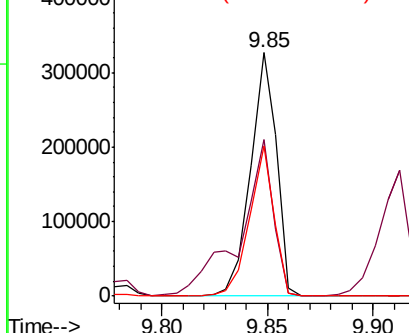
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 41.019 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.2	44.7	67.1
89	61.9	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: 39.203 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1034344

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

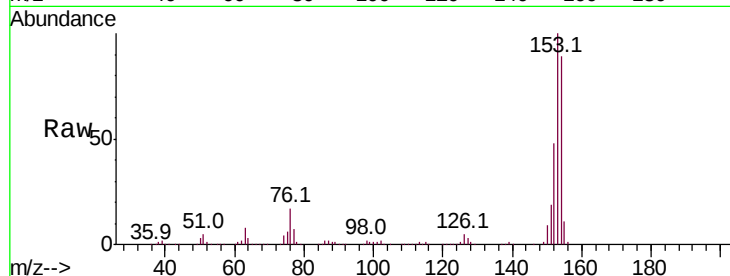
152 54.7 43.8 65.8

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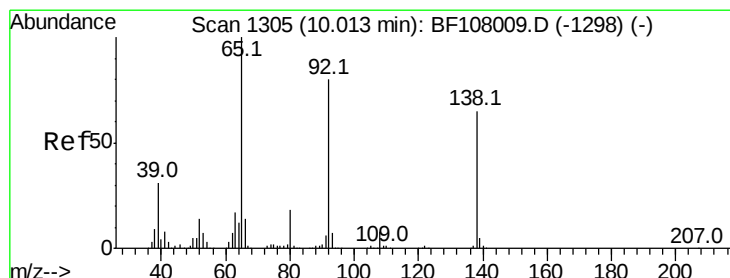
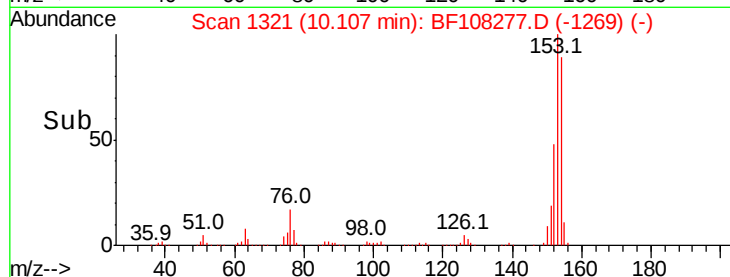
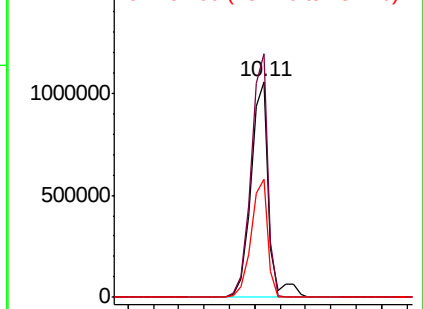
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.775 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

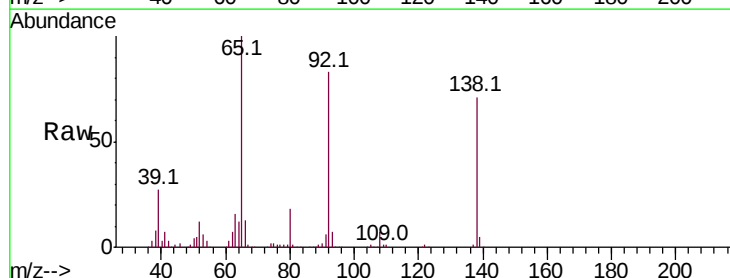
Tgt Ion:138 Resp: 304016

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

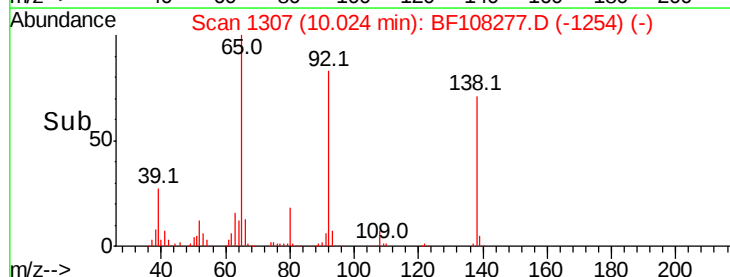
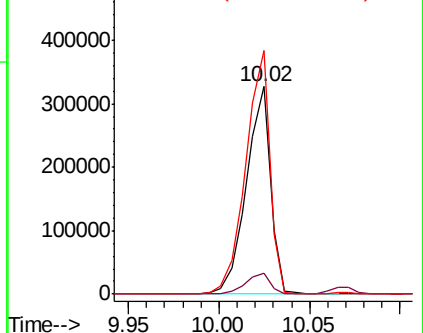
92 117.5 89.4 134.2

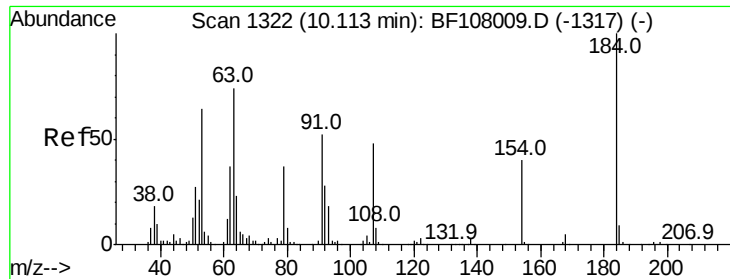


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





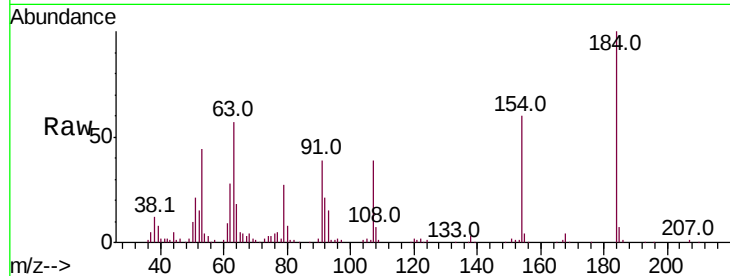
#53
 2,4-Dinitrophenol
 Concen: 43.857 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

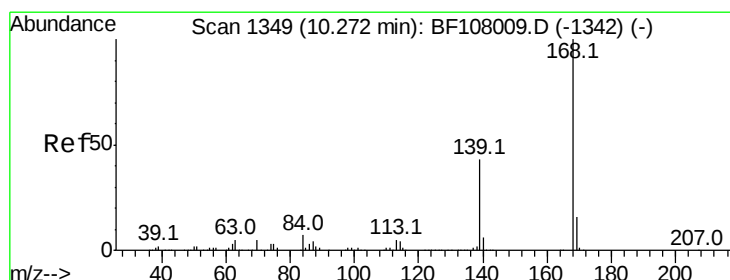
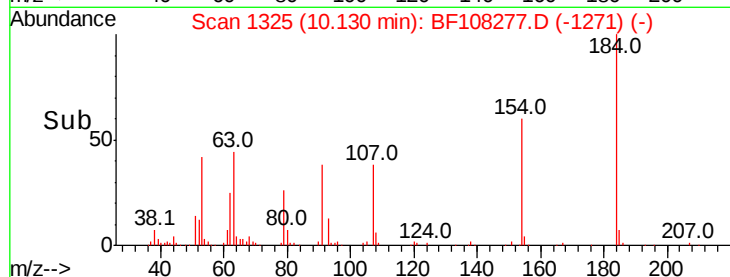
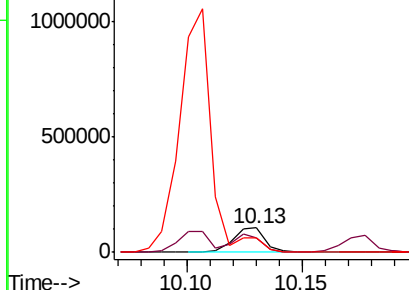
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.4	54.2	81.2
154	59.6	184.0	276.0#

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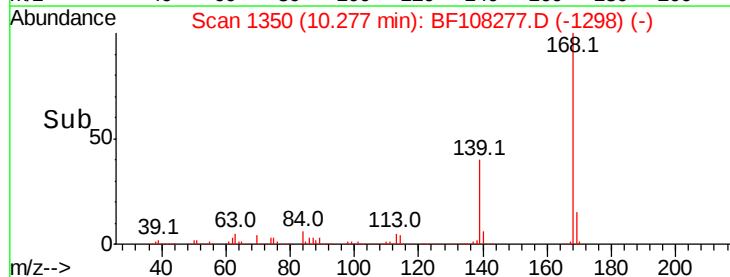
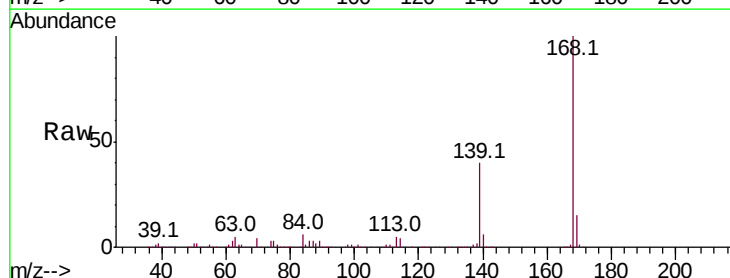
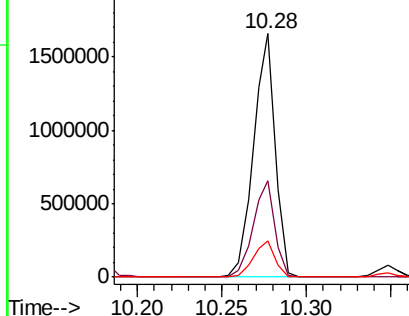
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

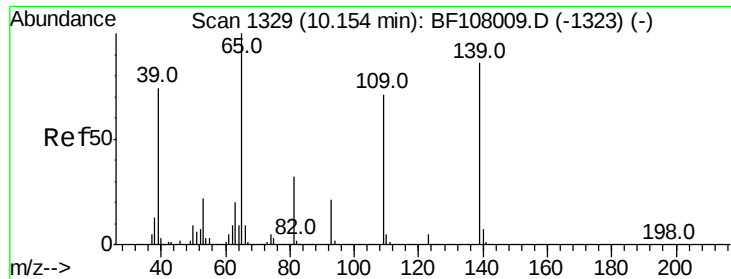


#54
 Dibenzofuran
 Concen: 38.913 ng
 RT: 10.28 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	14.7	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





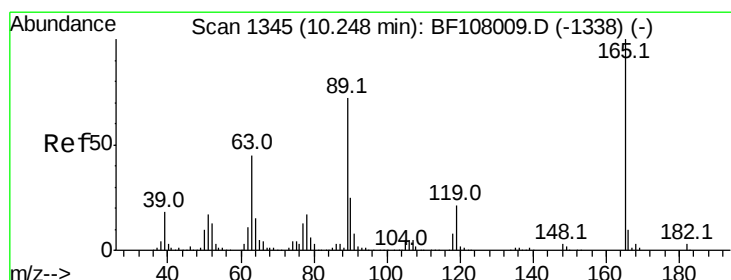
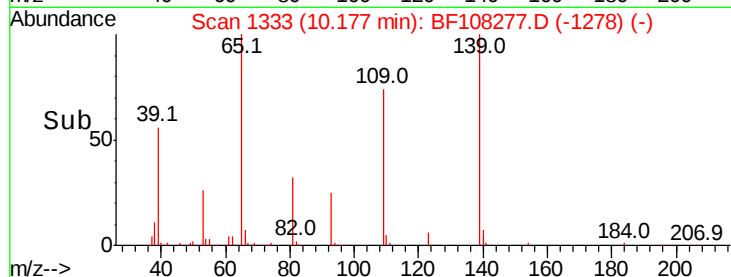
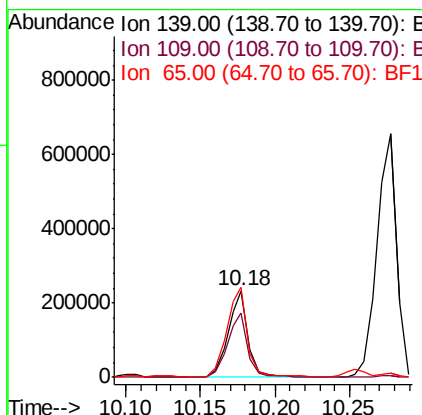
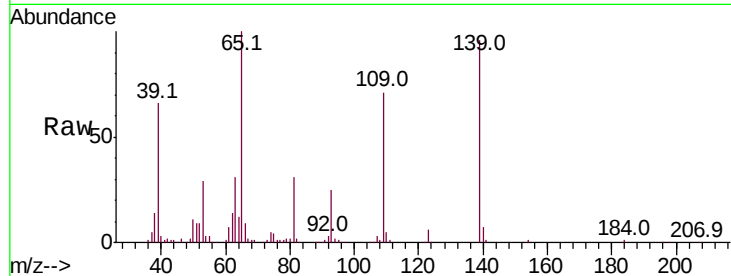
#55
4-Nitrophenol
Concen: 38.900 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.3	48.4	88.4
65	104.0	72.6	112.6

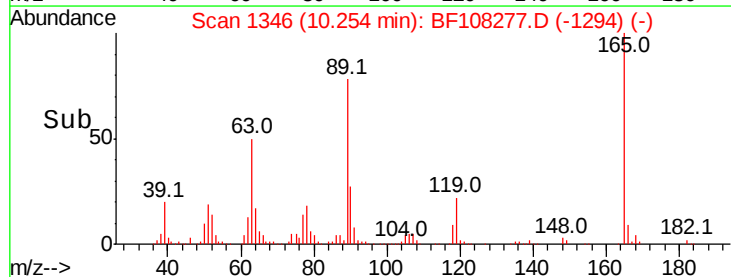
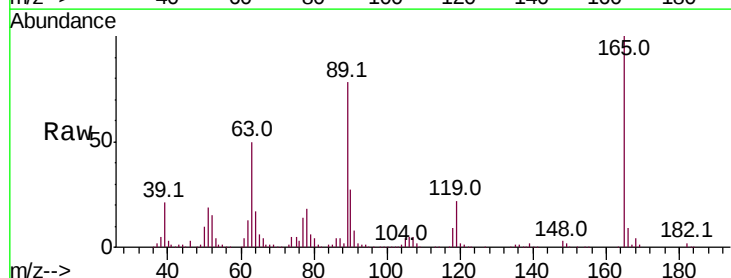
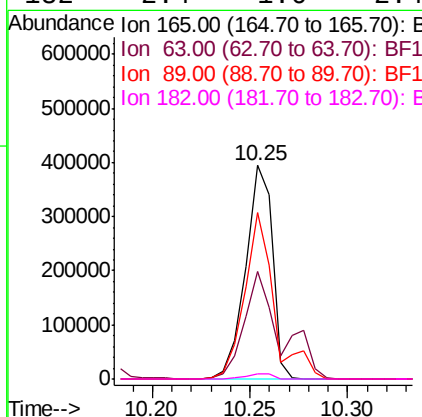
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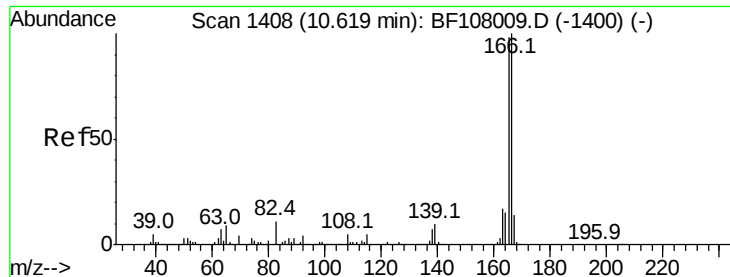
Sohil
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#56
2,4-Dinitrotoluene
Concen: 42.709 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.3	36.4	54.6
89	78.2	57.8	86.6
182	2.4	1.6	2.4#





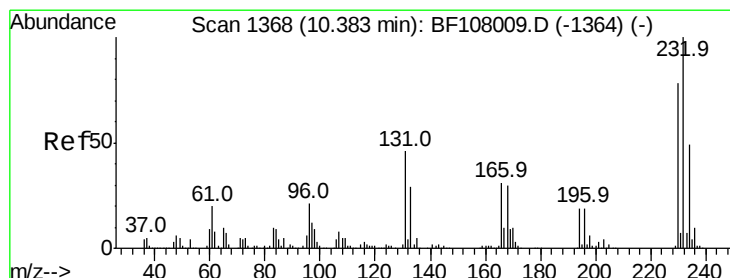
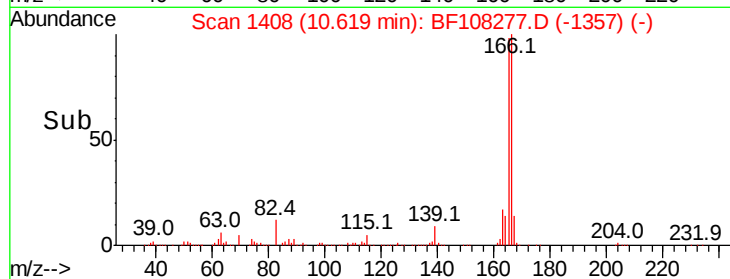
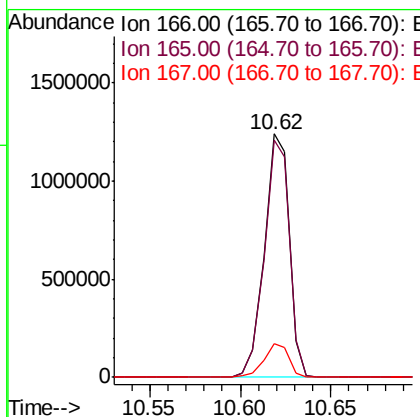
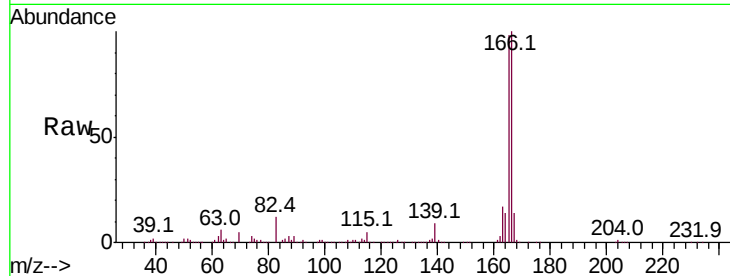
#57
Fluorene
 Concen: 39.278 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.8	10.6	16.0

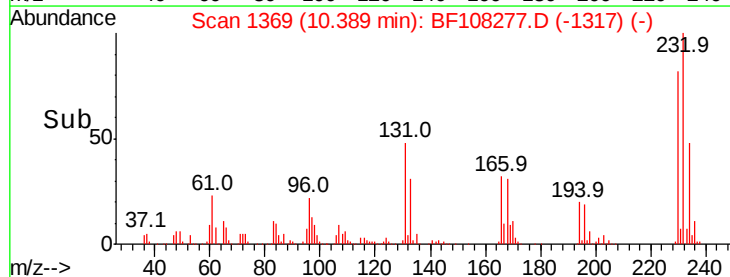
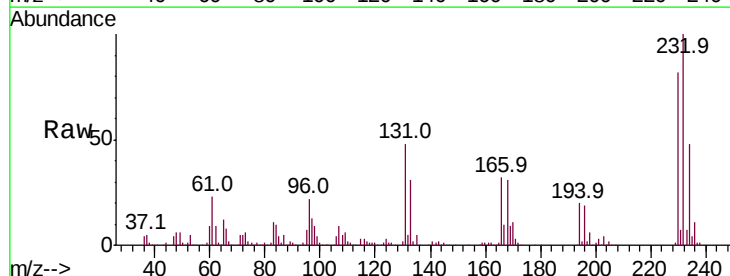
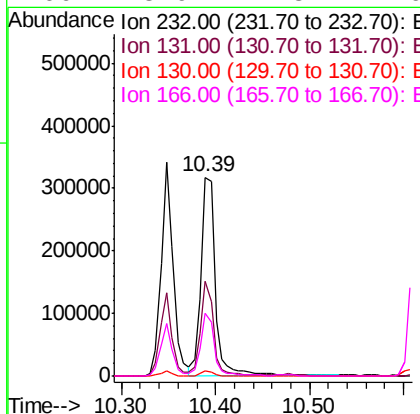
Manual Integrations
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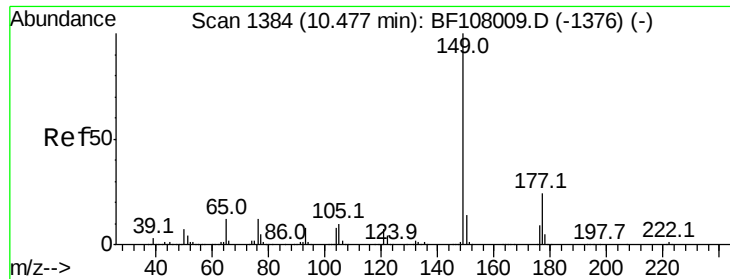
Sohil
 8/21/2018 1:42:35 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.509 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	43.8	65.8#
130	2.2	2.1	3.1
166	28.9	27.8	41.6





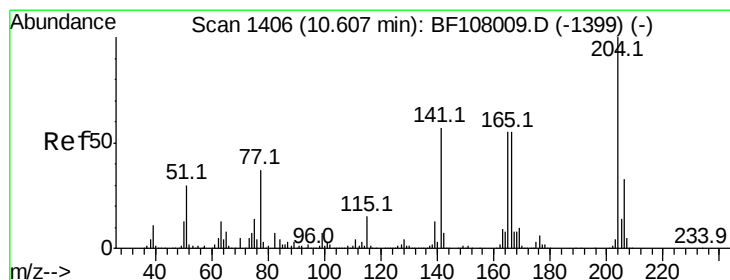
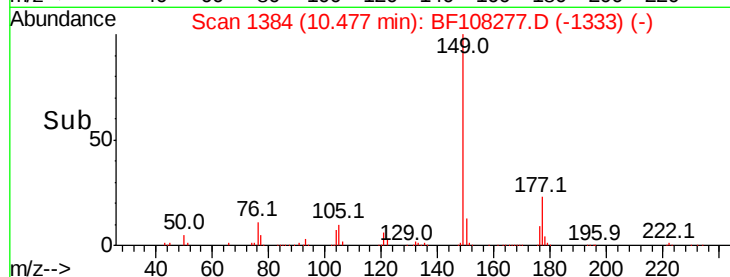
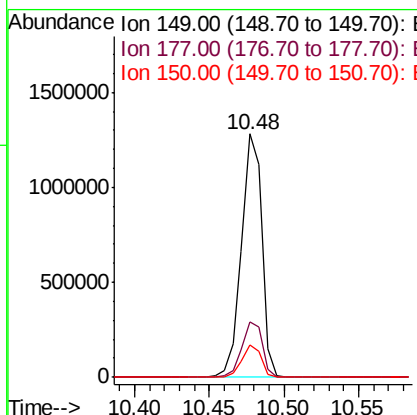
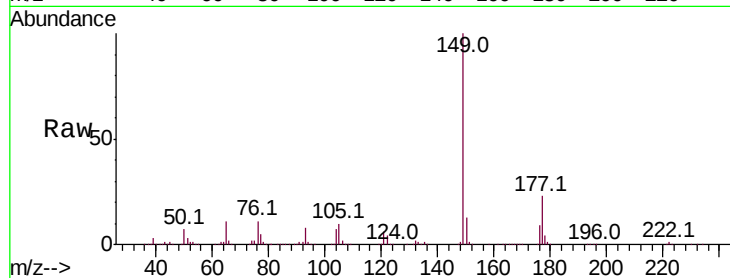
#59
Diethylphthalate
Concen: 38.569 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	149	Resp:	1216451
Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	13.3	10.1	15.1

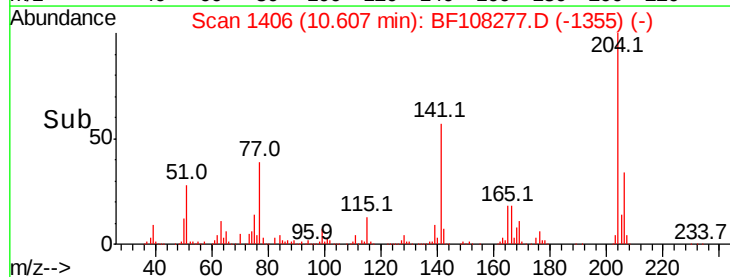
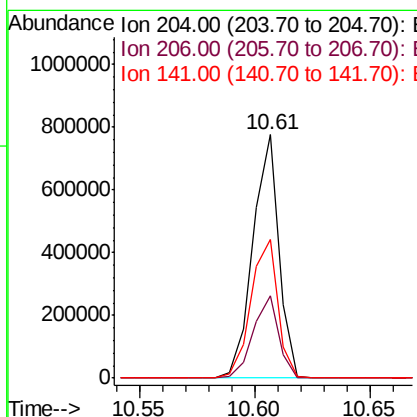
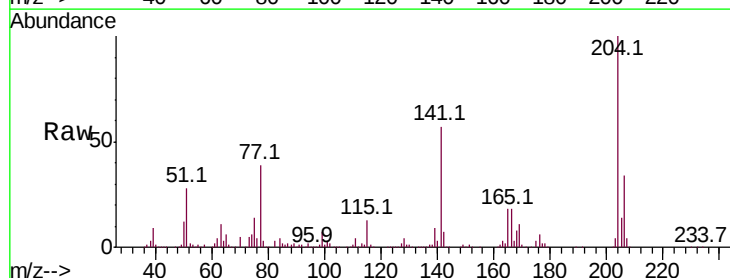
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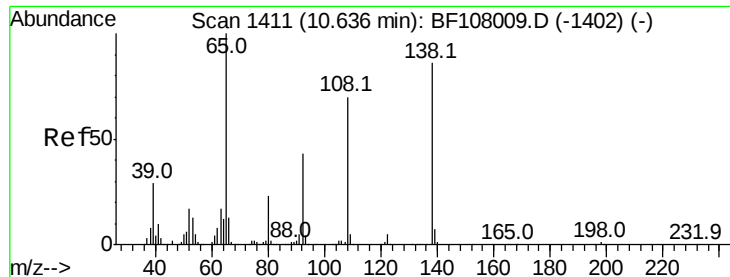
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.862 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:	204	Resp:	612759
Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	56.7	54.6	81.8





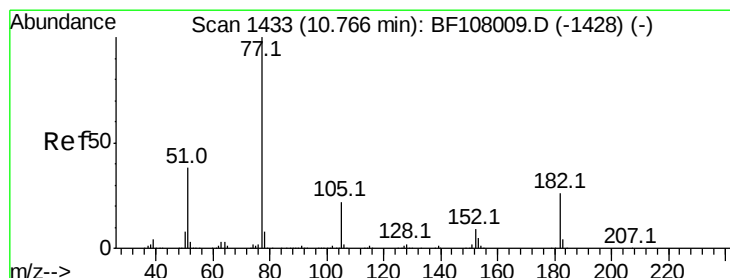
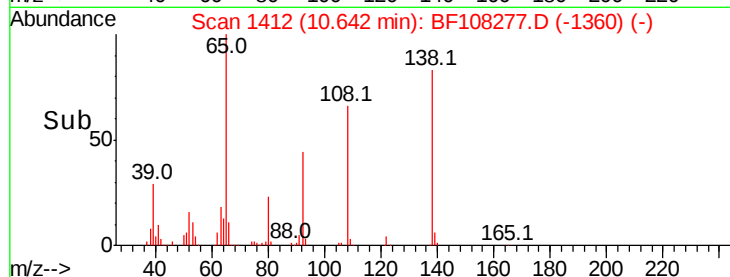
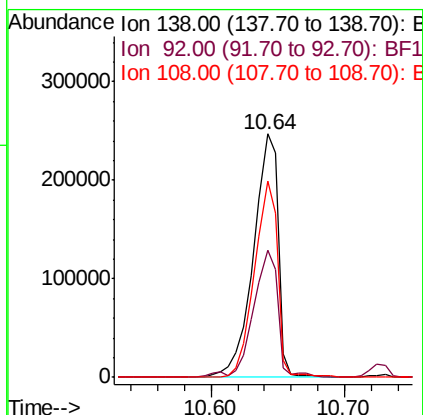
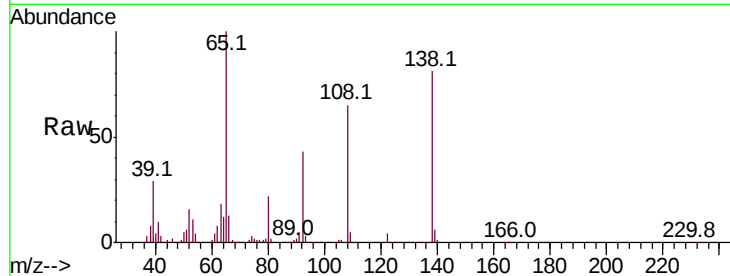
#61
4-Nitroaniline
Concen: 42.786 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	30.2	70.2
108	80.5	52.5	92.5

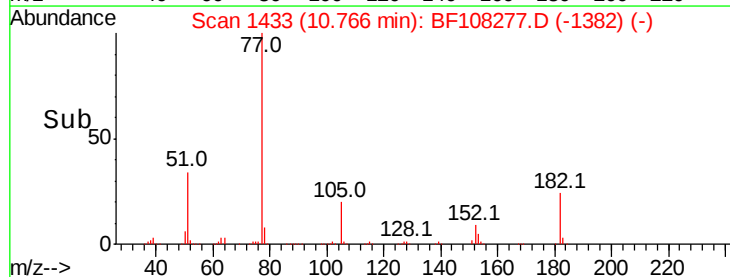
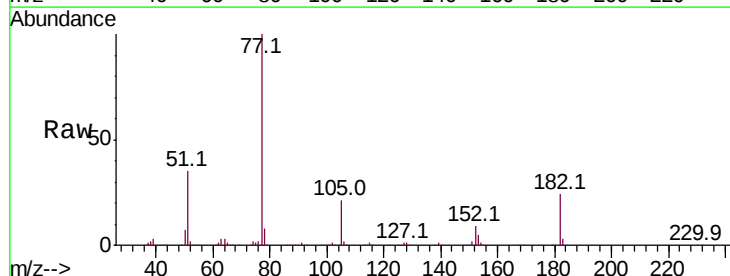
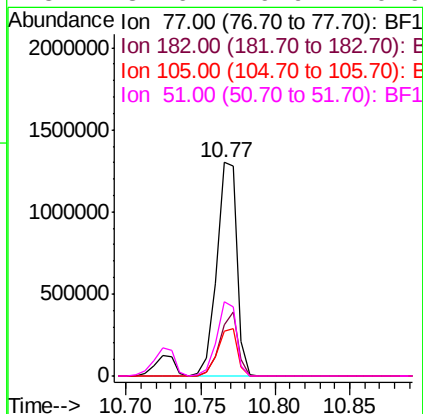
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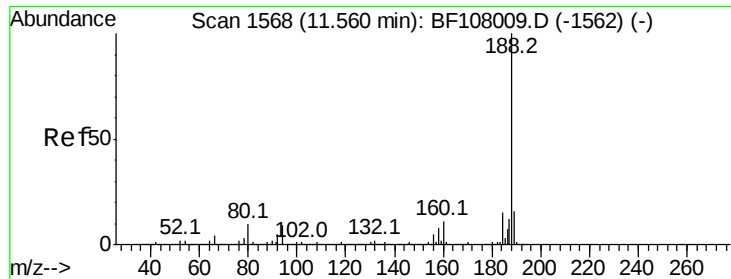
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#62
Azobenzene
Concen: 37.839 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	21.1	3.0	43.0
51	34.6	9.9	49.9





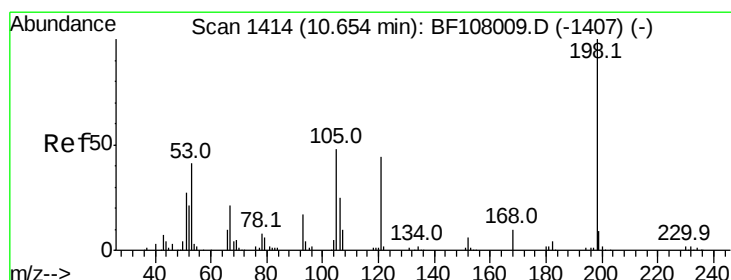
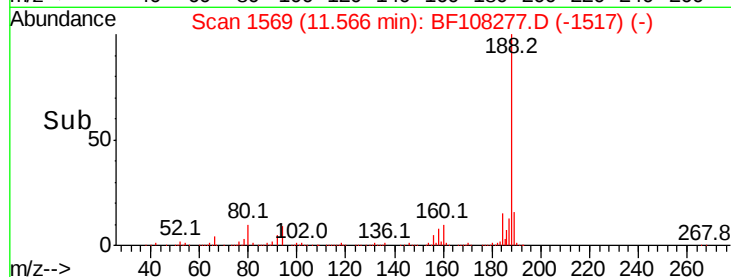
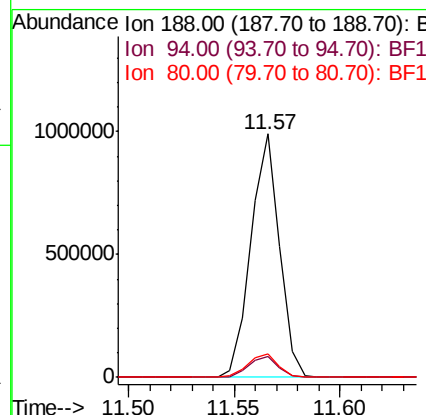
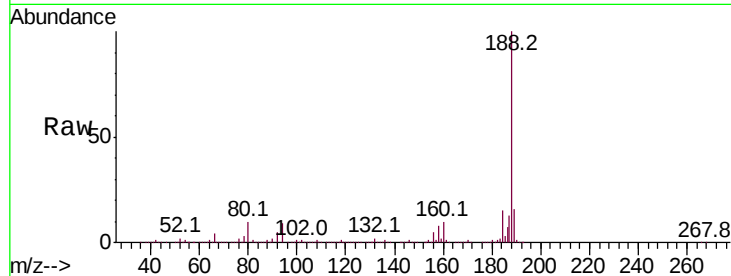
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.5	12.7	
80	9.6	9.2	13.8	

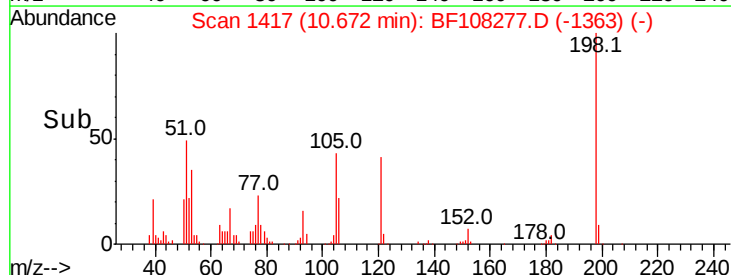
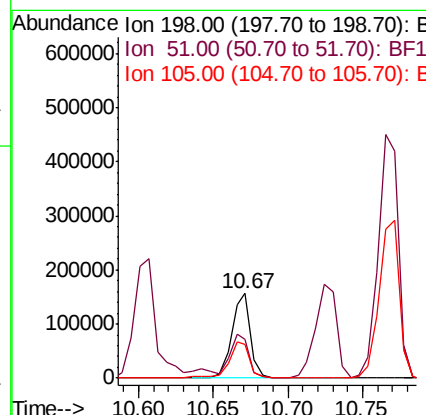
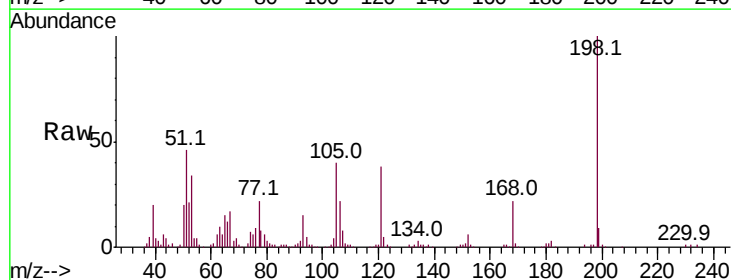
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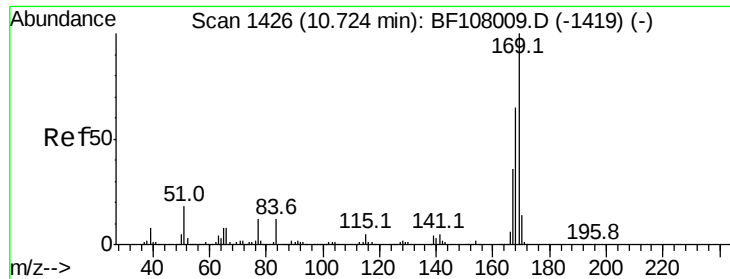
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.784 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.7	37.7	77.7	
105	39.9	36.3	76.3	





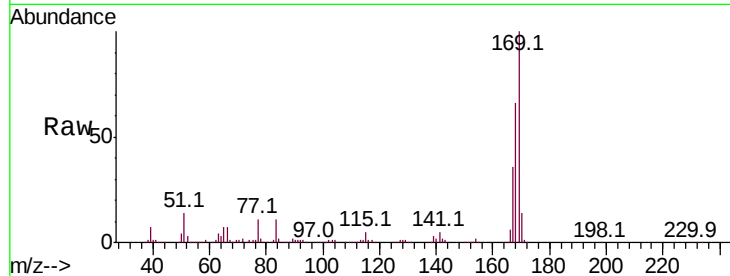
#65
n-Nitrosodiphenylamine
Concen: 39.232 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

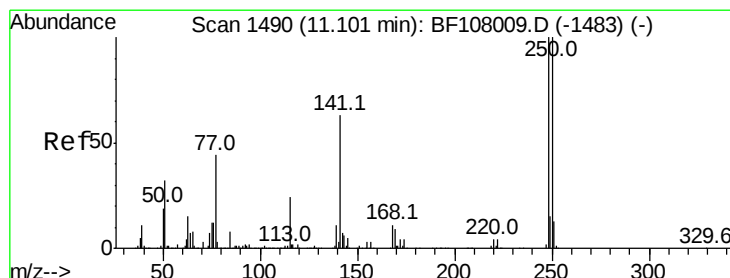
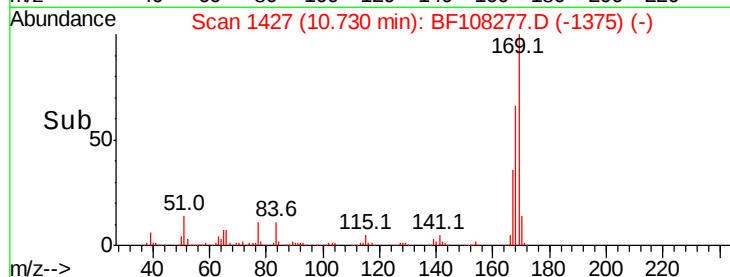
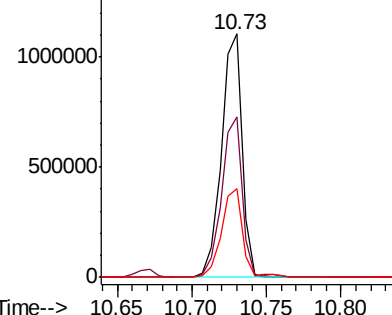
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	36.3	29.8	44.6

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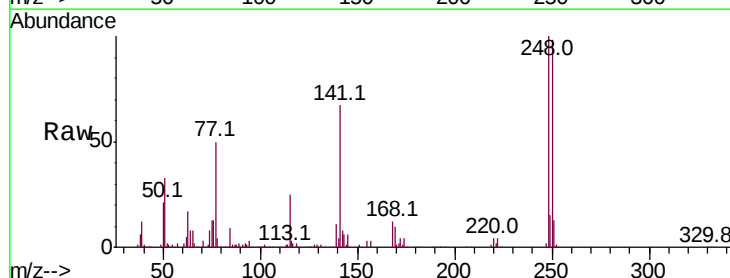


Abundance Ion 169.00 (168.70 to 169.70): E
1500000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

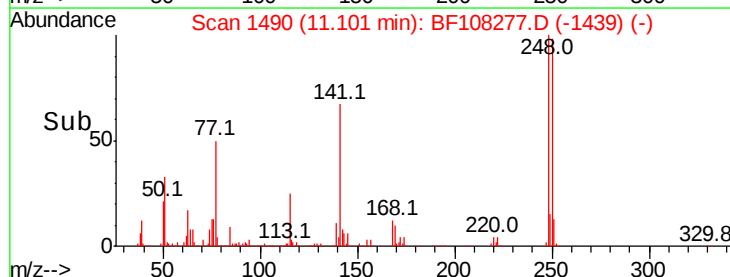
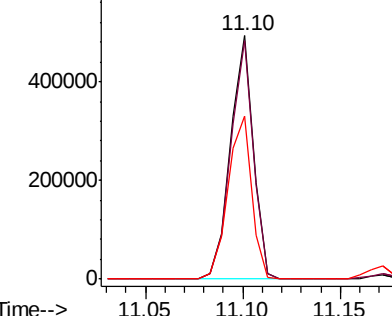


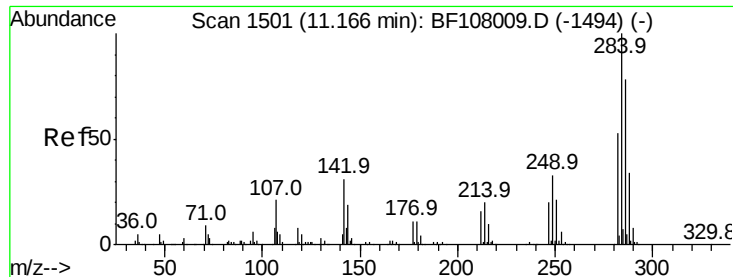
#66
4-Bromophenyl-phenylether
Concen: 39.757 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	67.0	74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
600000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.492 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

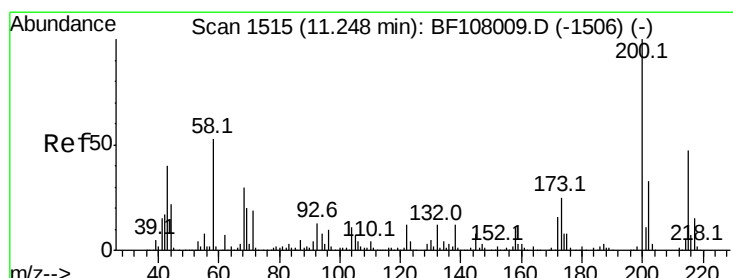
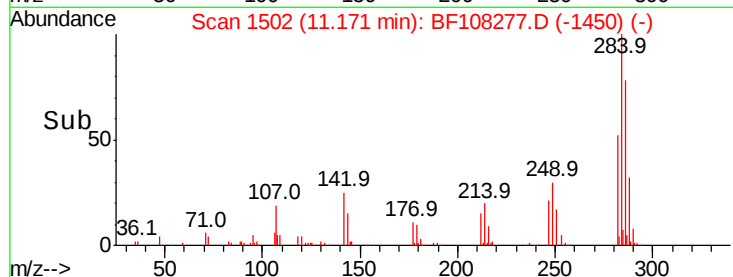
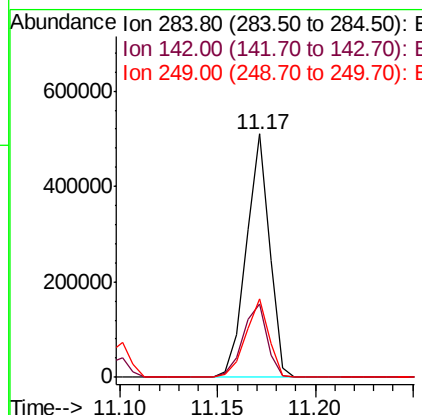
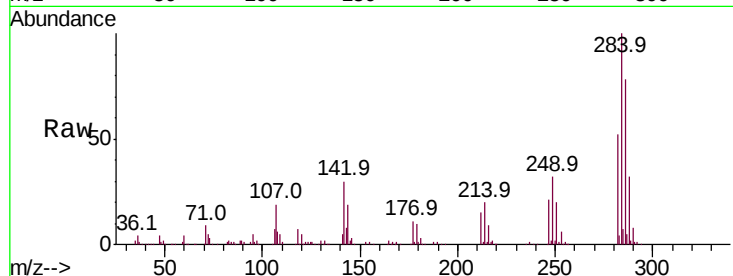
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.1	34.6	52.0	
249	32.2	24.8	37.2	

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#68

Atrazine

Concen: 39.582 ng

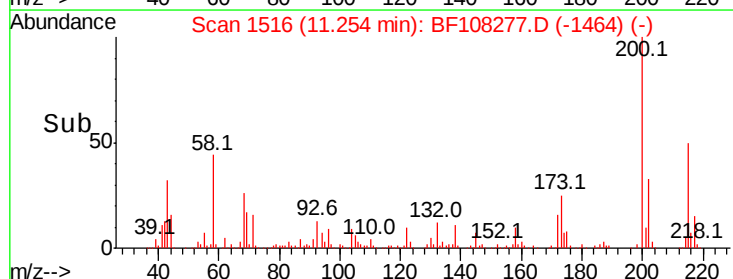
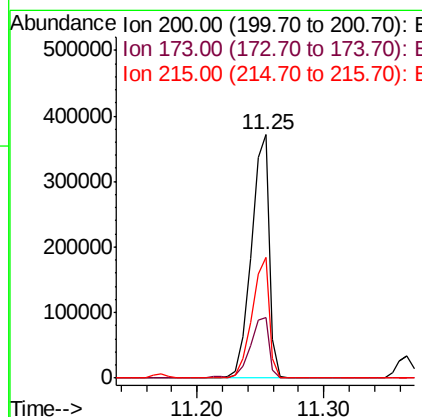
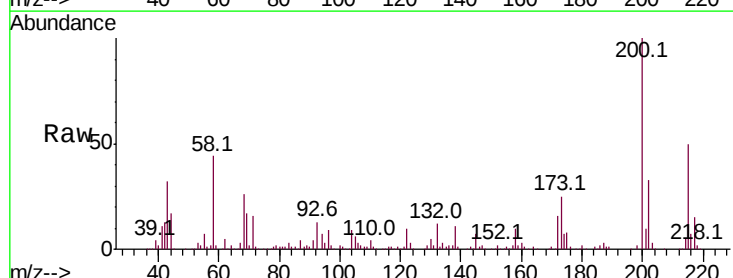
RT: 11.25 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.0	8.6	48.6	
215	49.6	25.1	65.1	





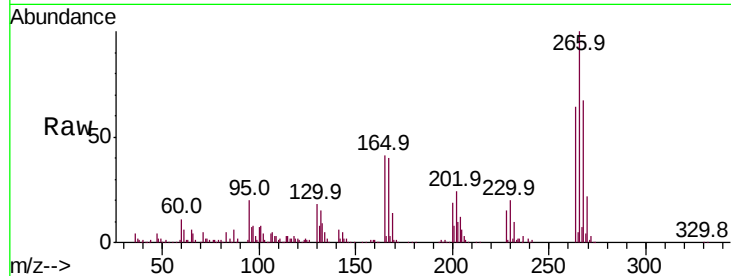
#69
 Pentachlorophenol
 Concen: 38.072 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

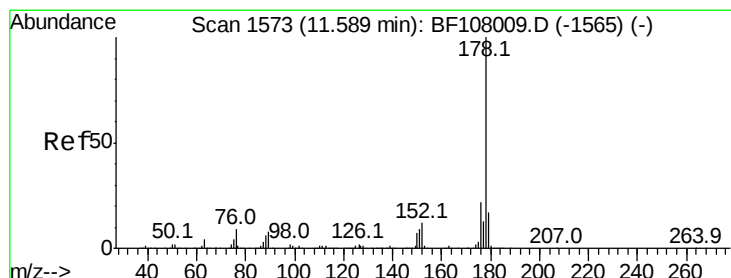
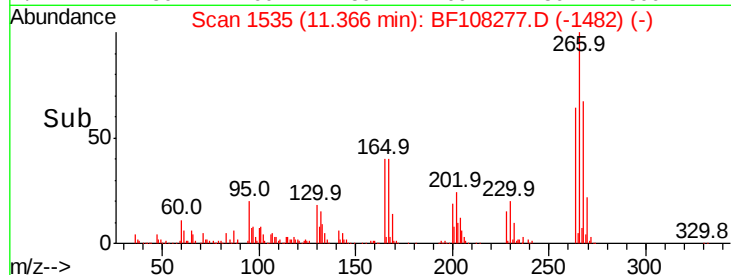
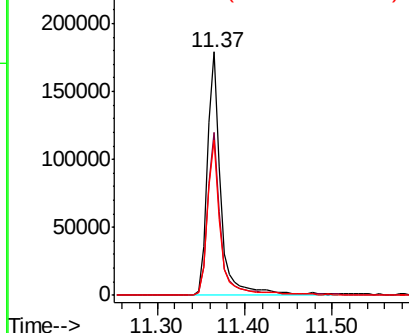
Tot Ion	Ratio	Resp	Lower	Upper
266	100	193538		
268	66.9	51.1	76.7	
264	63.6	49.5	74.3	

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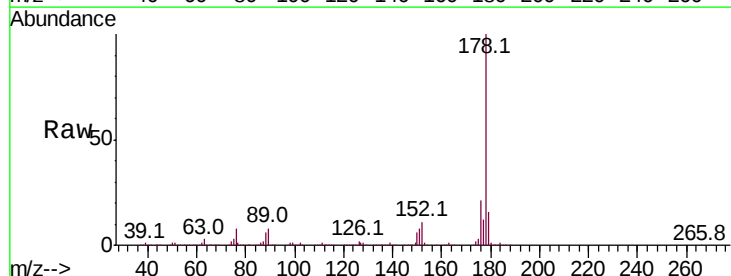


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

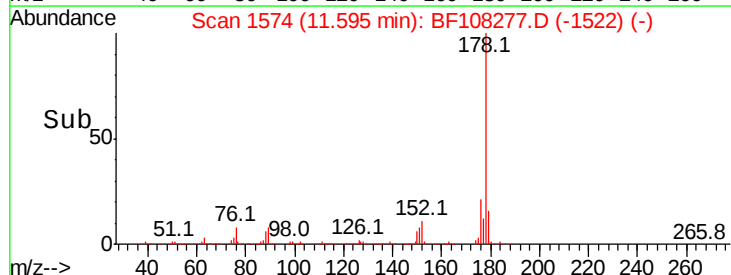
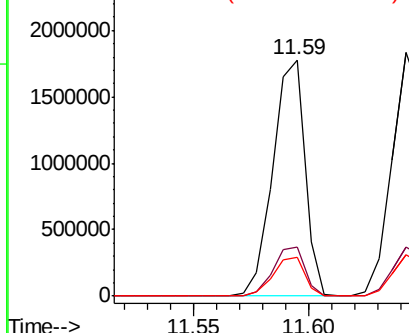


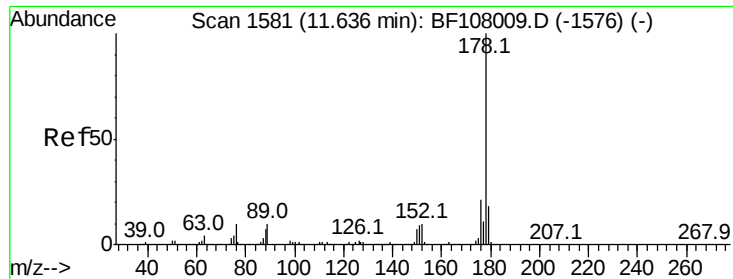
#70
 Phenanthrene
 Concen: 39.068 ng
 RT: 11.59 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1711563		
176	20.8	15.8	23.8	
179	16.3	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





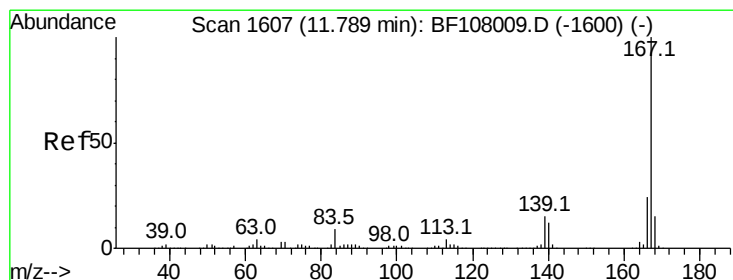
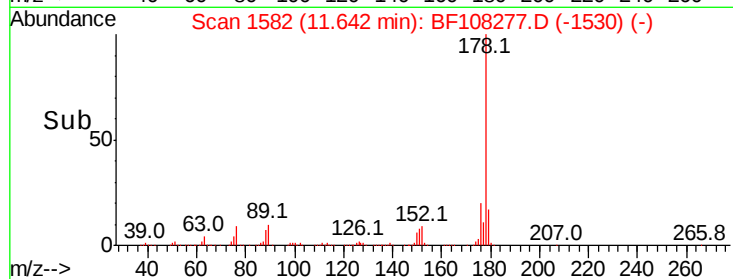
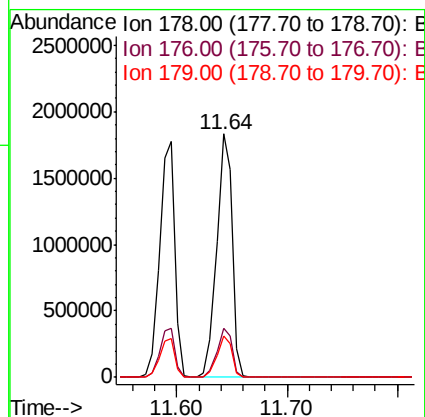
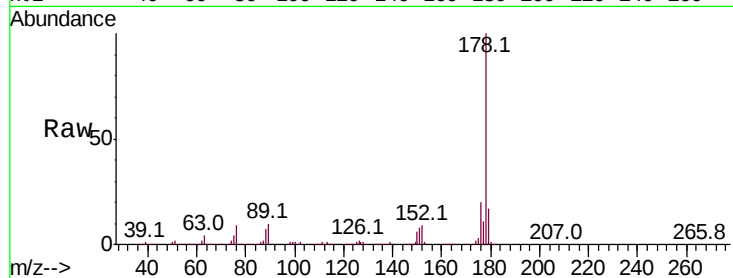
#71
 Anthracene
 Concen: 39.116 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.8	12.6	19.0

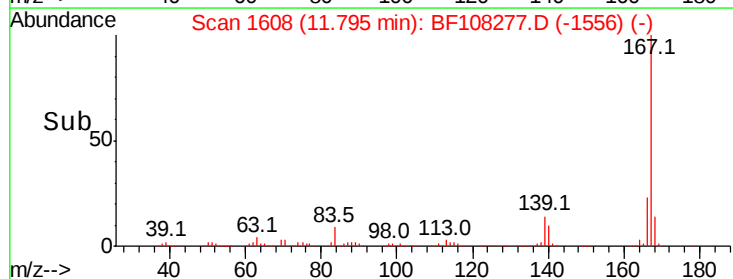
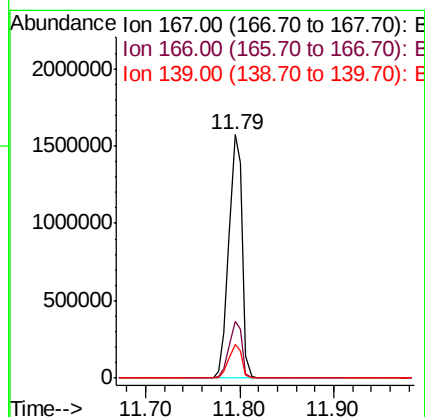
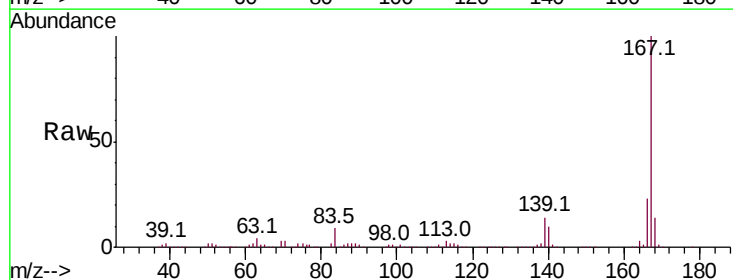
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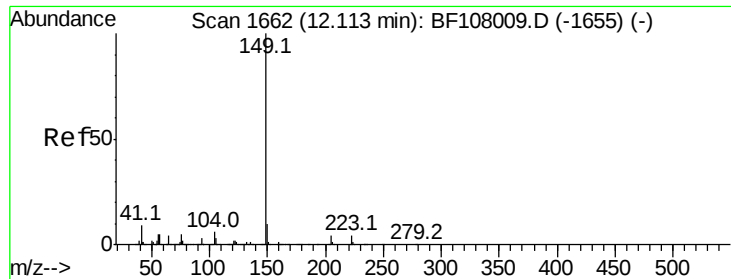
Sohil
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#72
 Carbazole
 Concen: 38.862 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	14.0	10.9	16.3





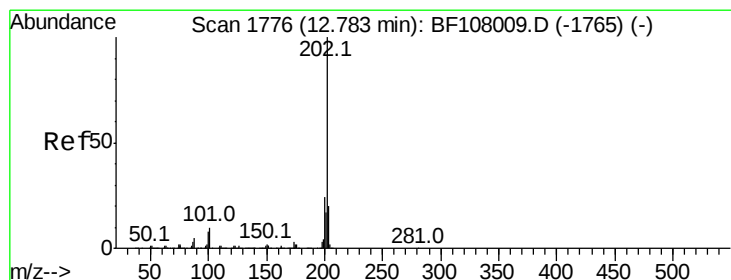
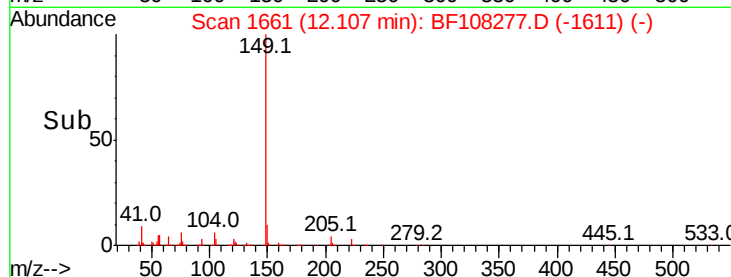
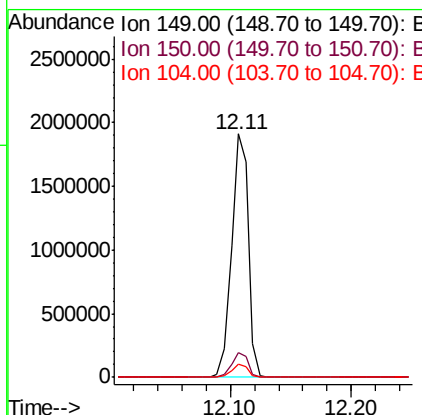
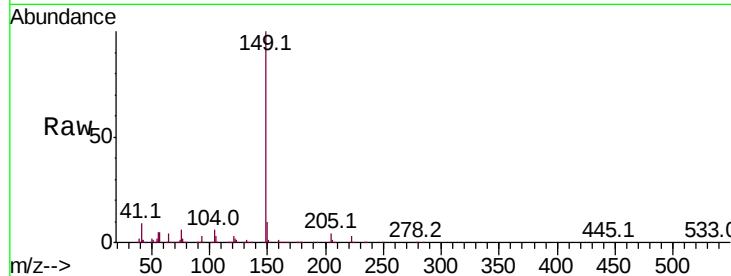
#73
Di-n-butylphthalate
Concen: 40.311 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.7	3.8	5.8

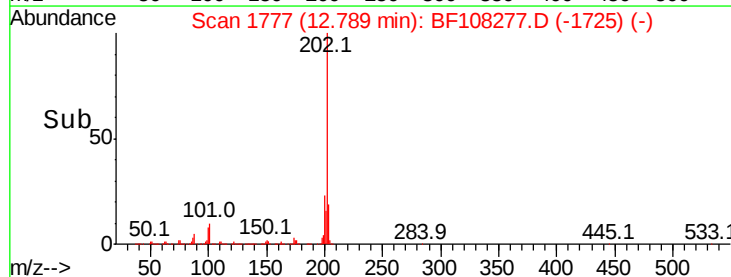
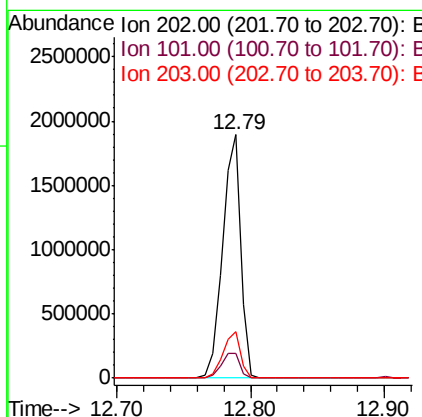
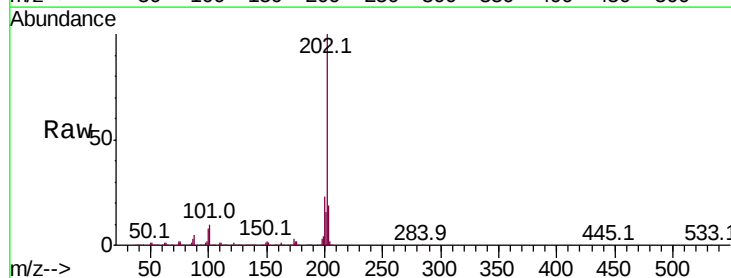
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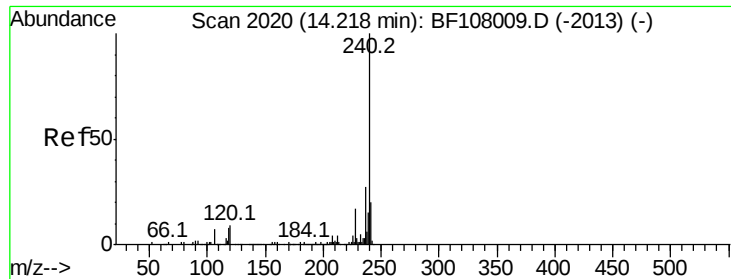
Sohil
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#74
Fluoranthene
Concen: 37.767 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	19.2	0.0	38.1





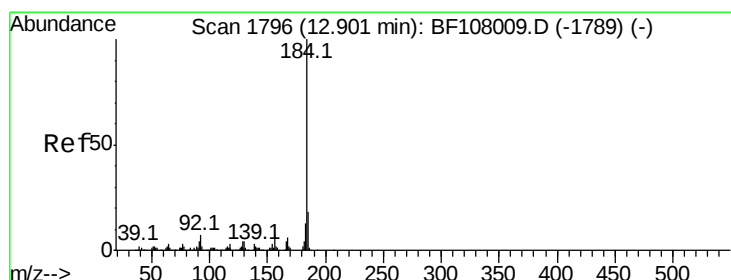
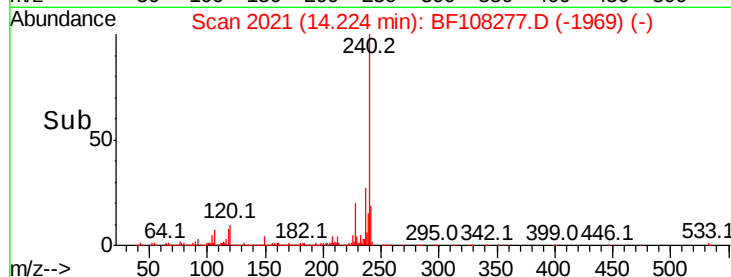
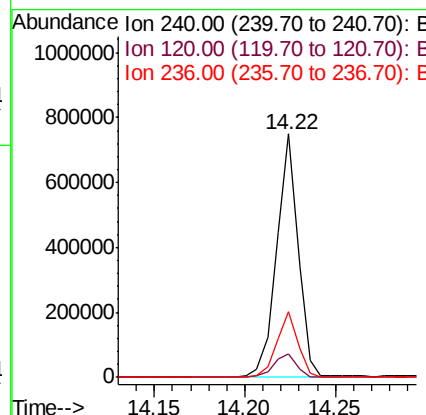
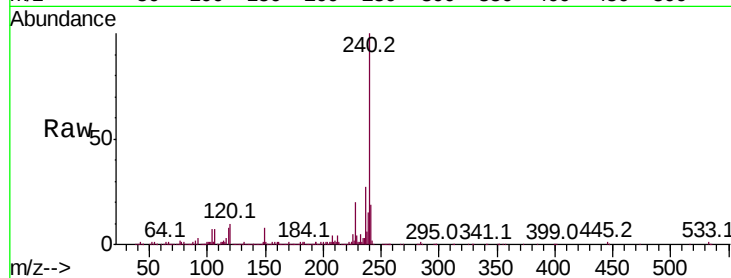
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.8	20.7	31.1

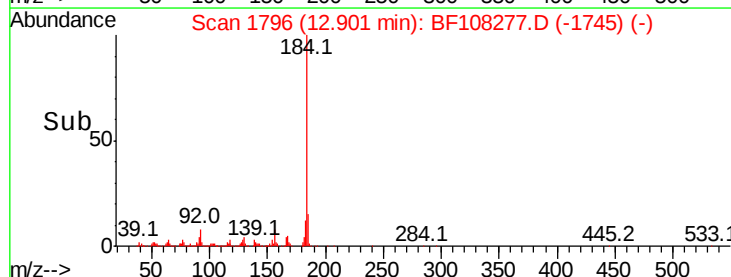
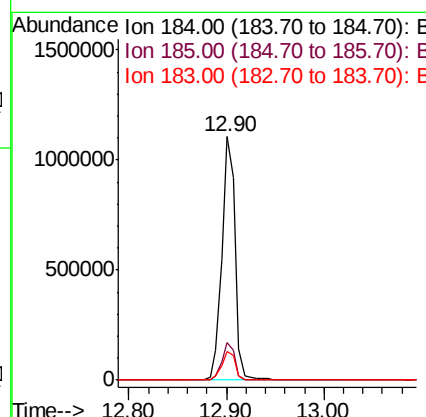
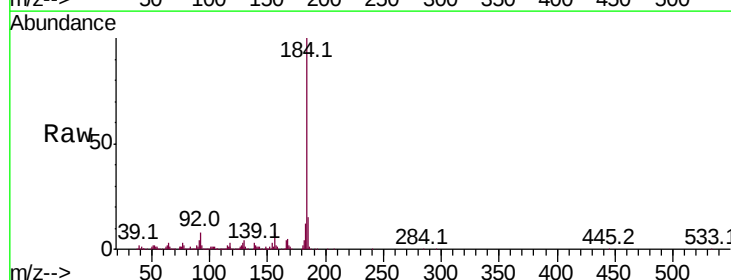
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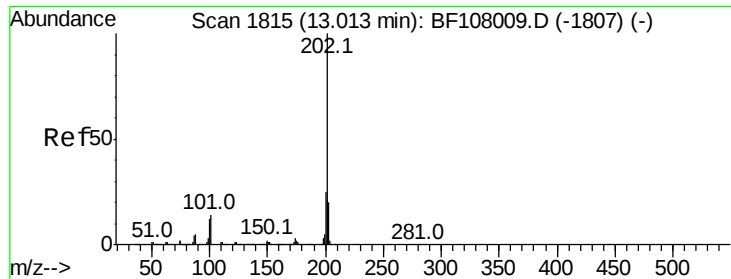
Sohil
8/21/2018 1:42:35 PM



#76
Benzidine
Concen: 45.118 ng
RT: 12.90 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 46.189 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

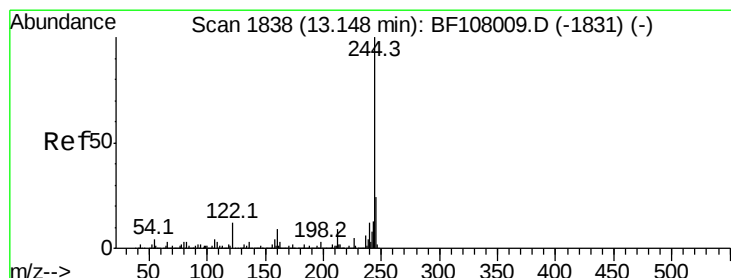
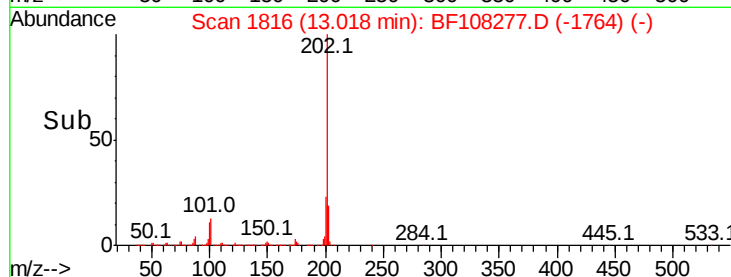
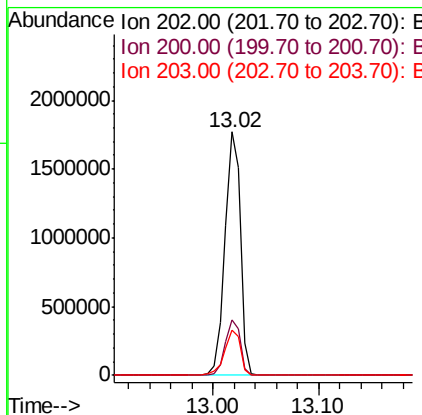
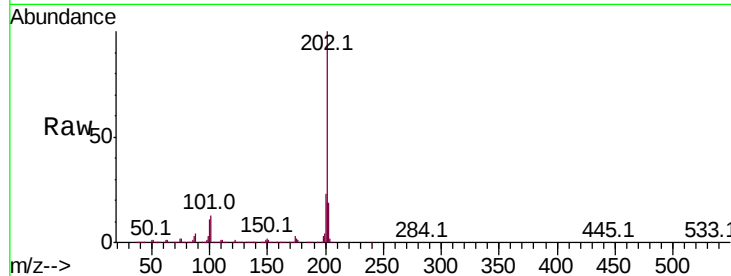
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1800020
Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 89.989 ng

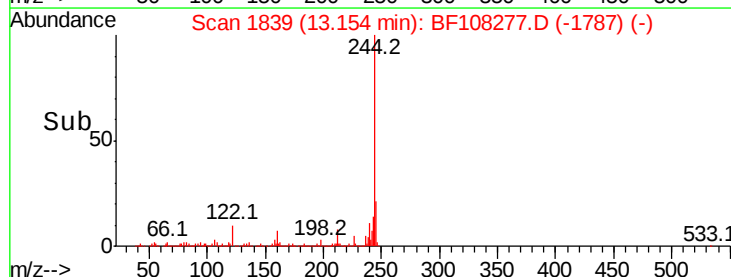
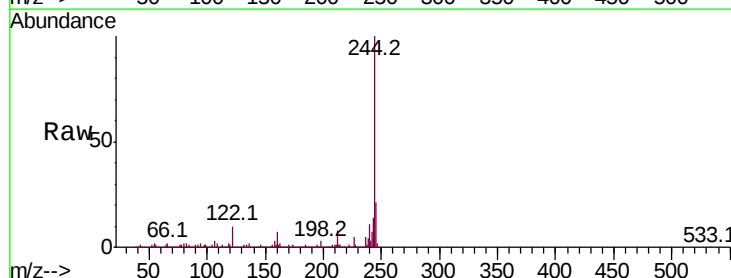
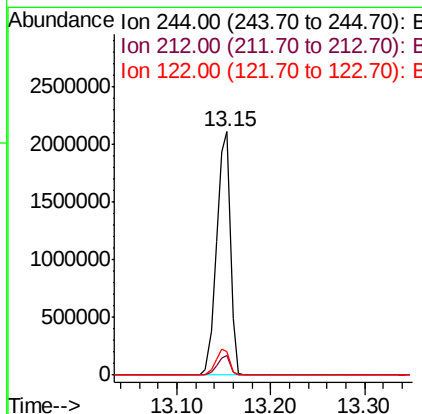
RT: 13.15 min Scan# 1839

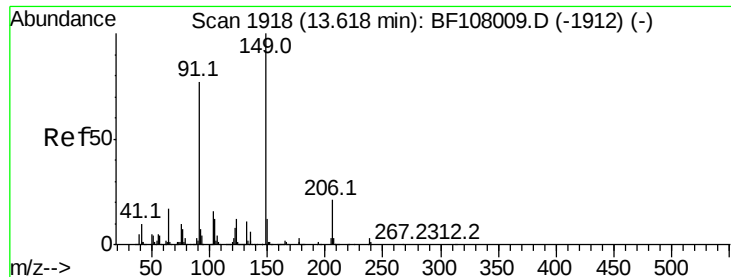
Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:	244	Resp:	2178607
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	9.6	11.0	16.4#





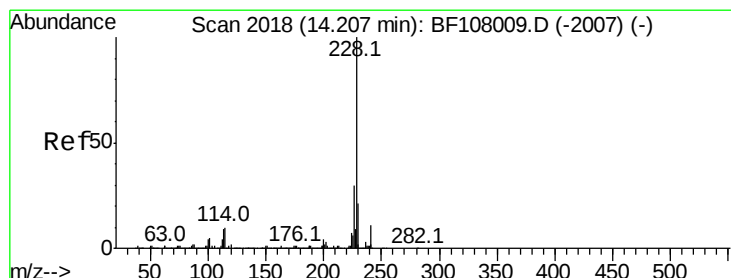
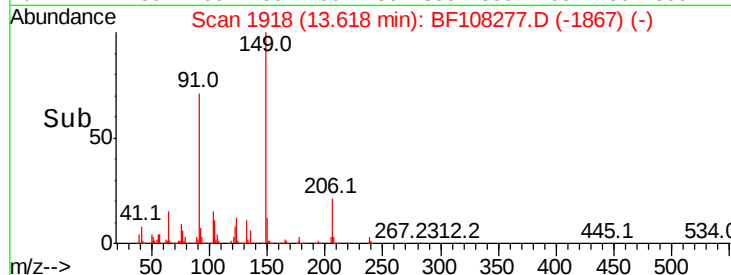
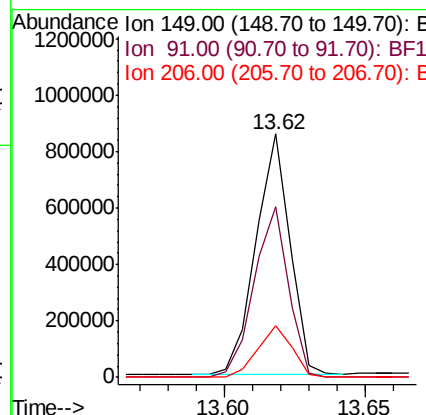
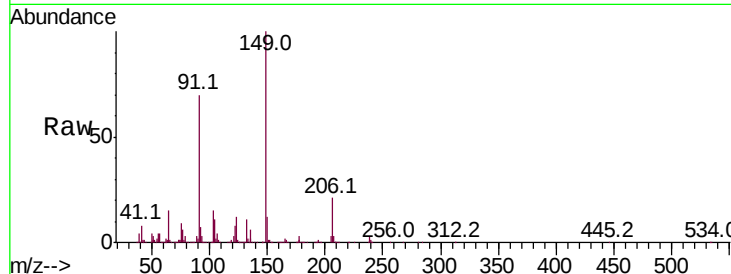
#79
Butylbenzylphthalate
Concen: 46.415 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.0	56.8	85.2	
206	21.1	14.1	21.1	

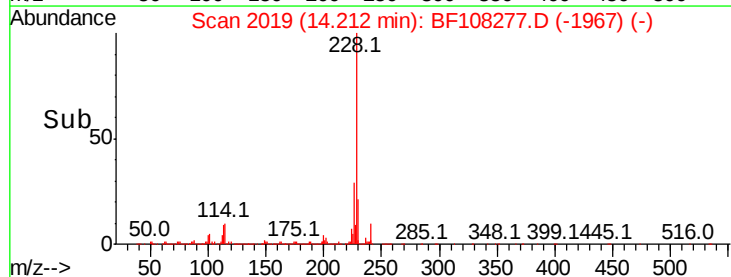
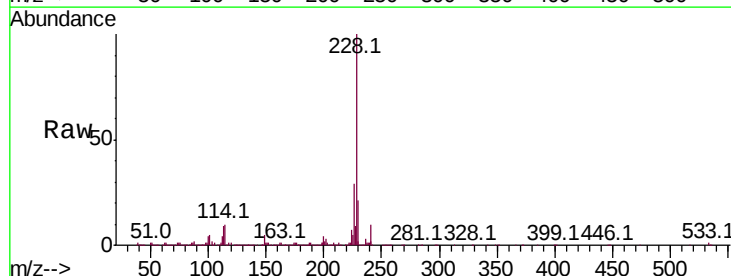
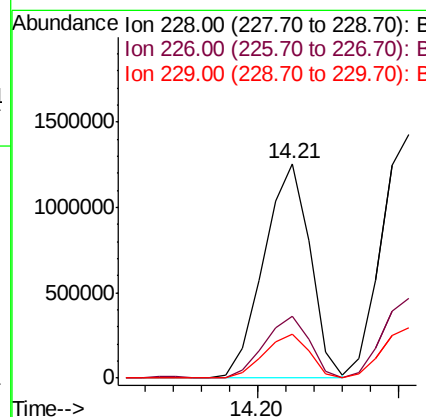
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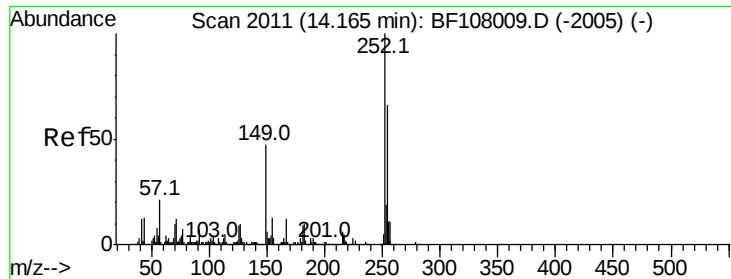
Sohil
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#80
Benzo(a)anthracene
Concen: 40.162 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.9	22.6	33.8	
229	20.6	15.8	23.6	





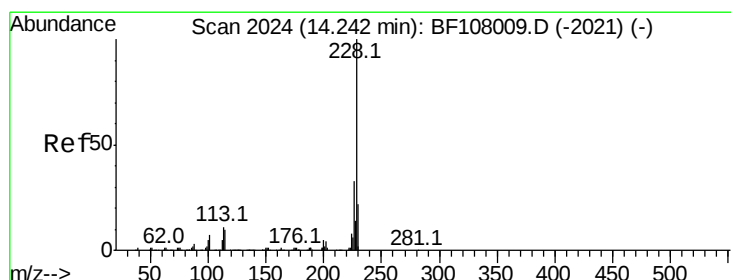
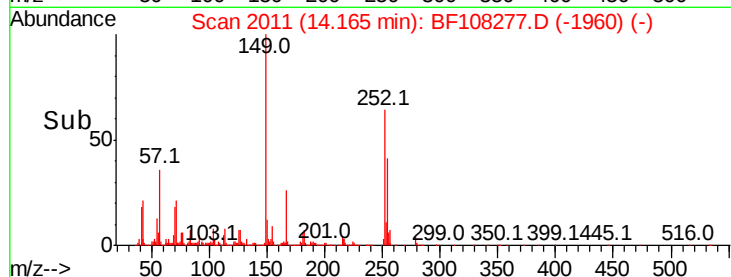
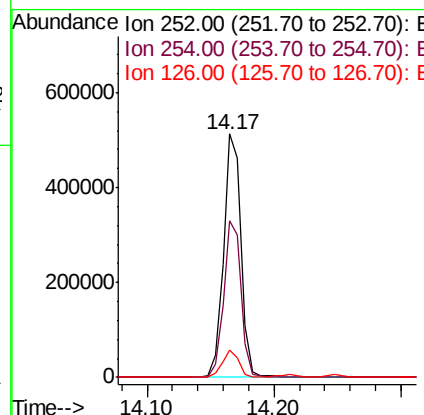
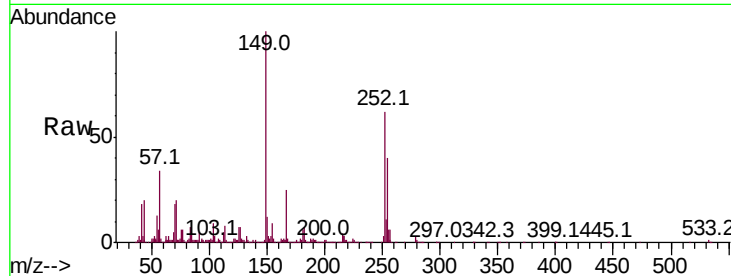
#81
 3,3'-Dichlorobenzidine
 Concen: 38.972 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	11.3	11.3	16.9

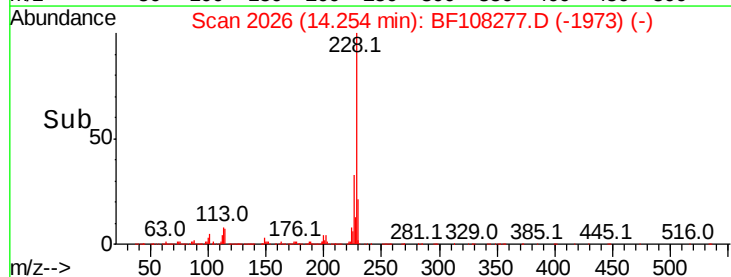
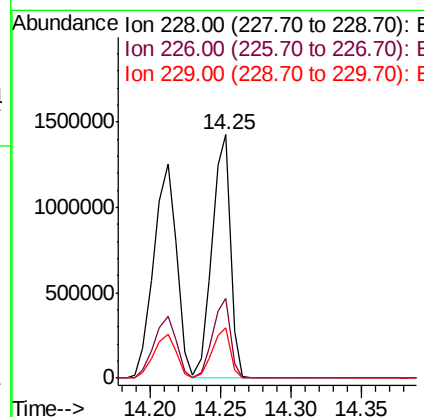
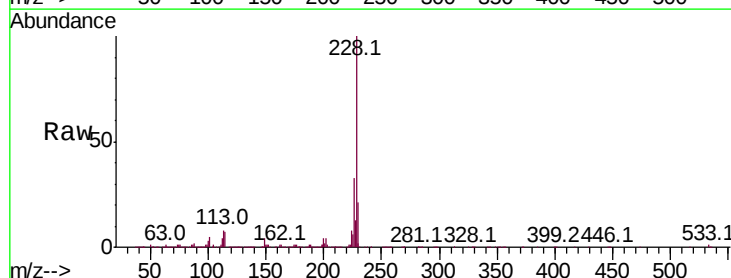
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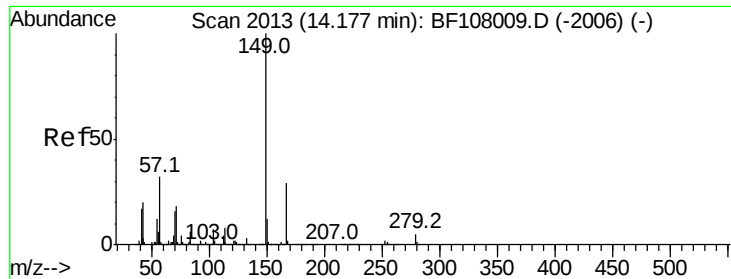
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#82
 Chrysene
 Concen: 39.788 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.313 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

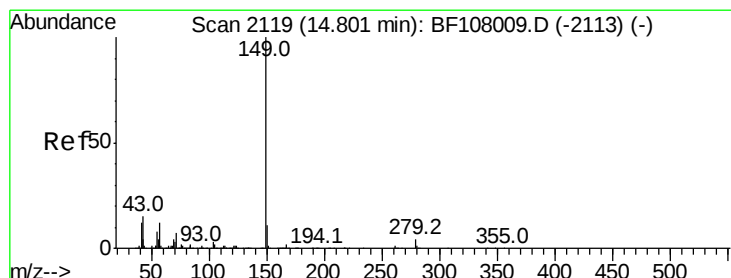
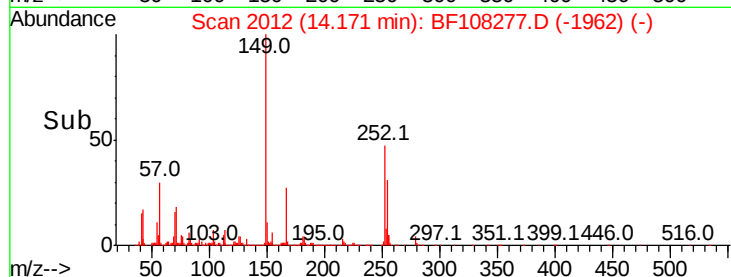
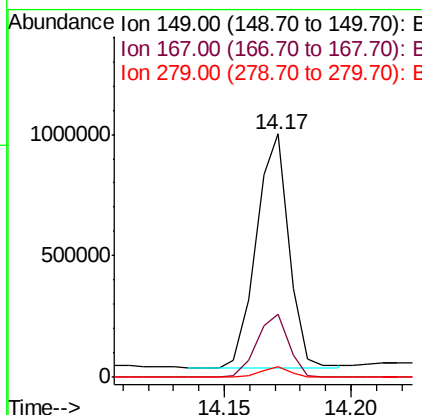
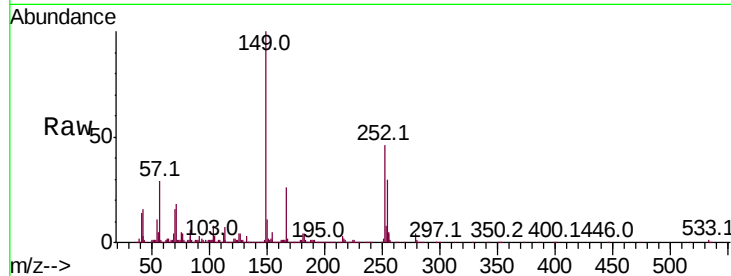
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	865728
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	4.2	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 47.910 ng

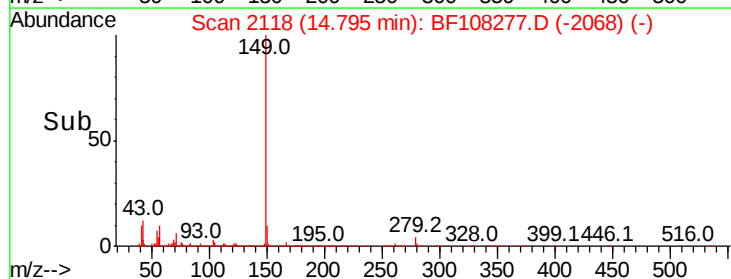
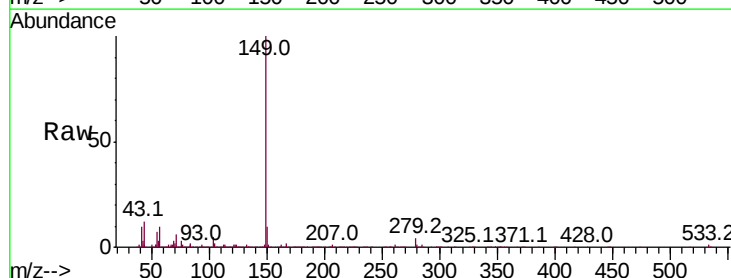
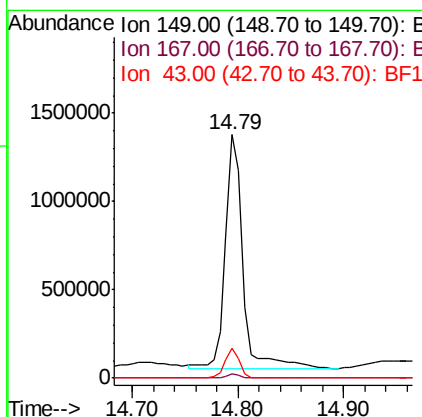
RT: 14.79 min Scan# 2118

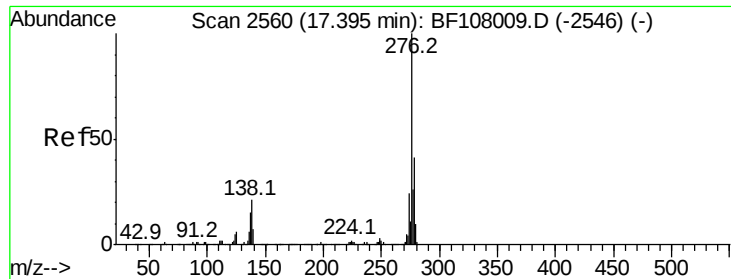
Delta R.T. -0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:	149	Resp:	1531144
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	10.1	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.142 ng

RT: 17.42 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1182570

Ion Ratio Lower Upper

276 100

138 22.3 25.0 37.6#

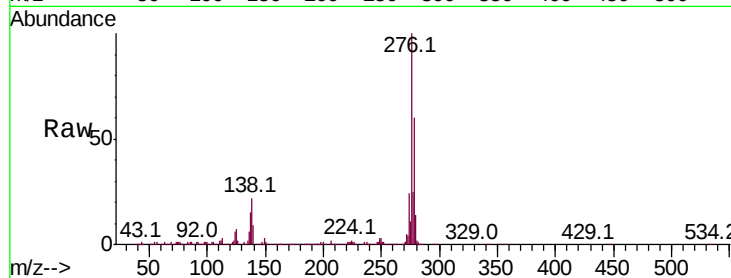
277 25.7 20.1 30.1

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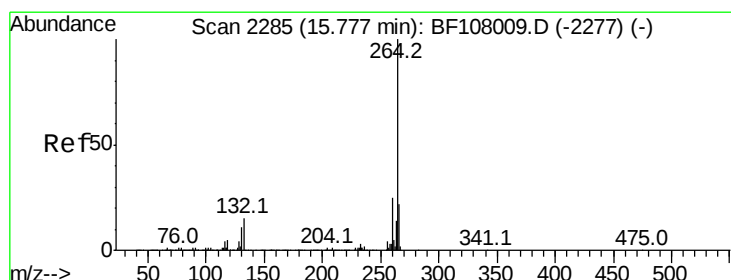
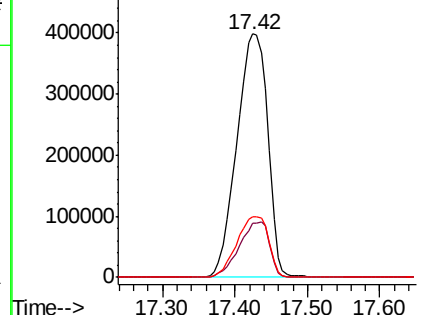
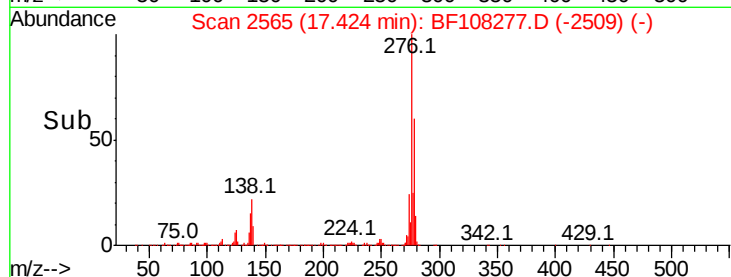
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

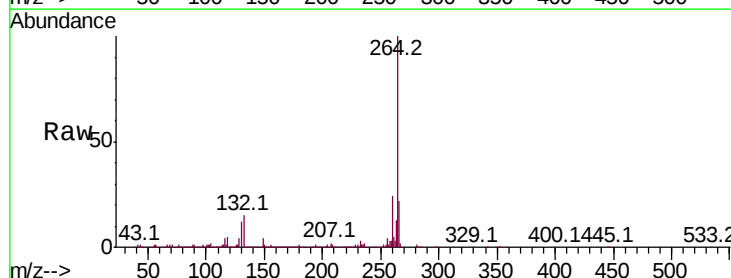
Tgt Ion:264 Resp: 497972

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

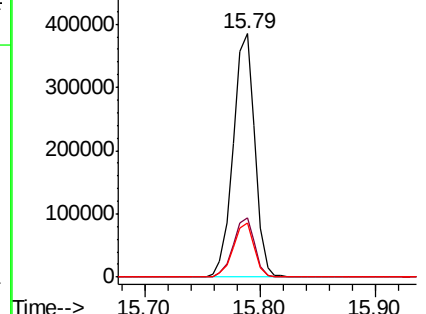
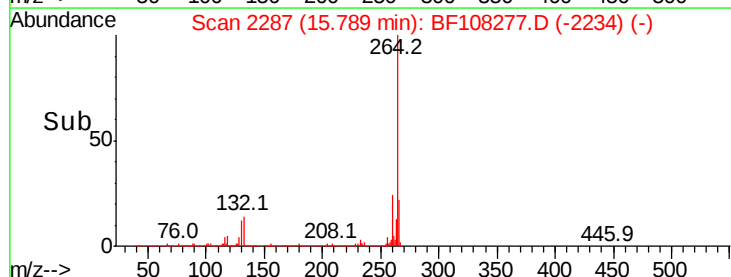
265 22.3 17.5 26.3

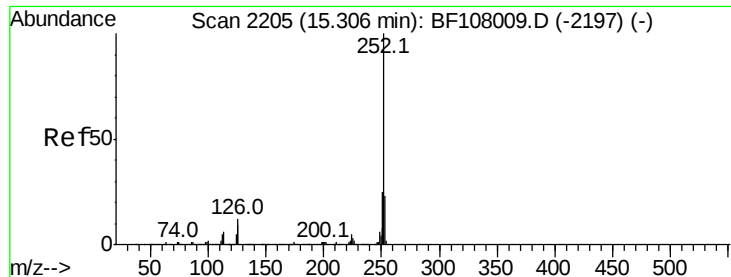


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.780 ng m

RT: 15.32 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1124178

Ion Ratio Lower Upper

252 100

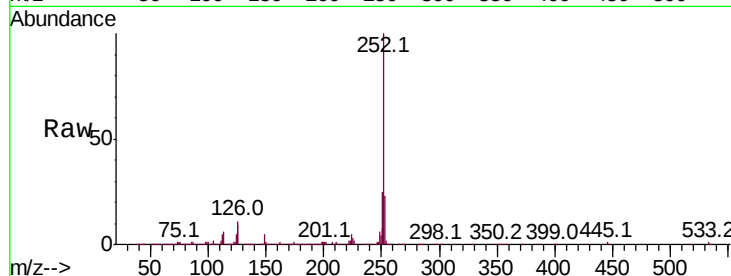
253 23.3 17.0 25.6

125 8.8 9.0 13.6#

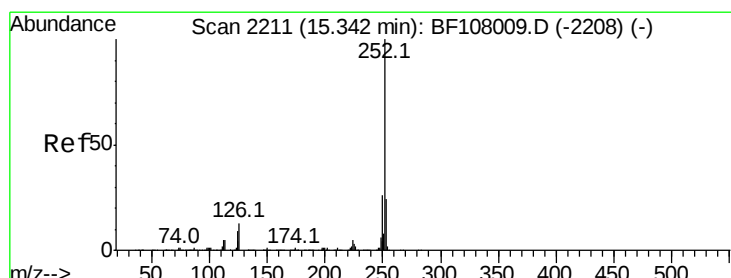
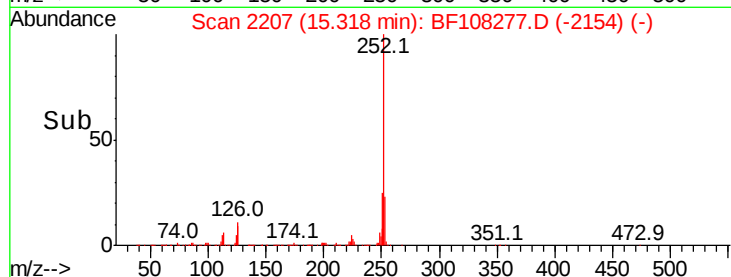
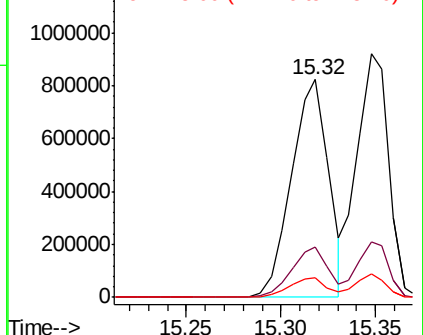
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.657 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

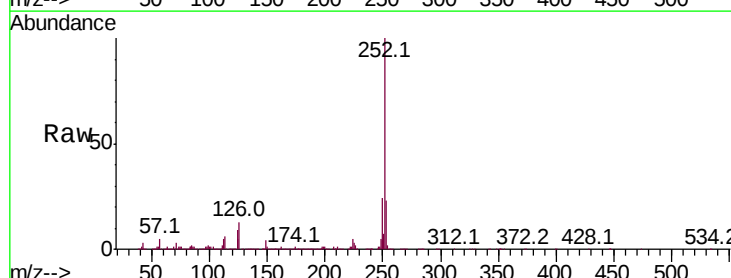
Tgt Ion:252 Resp: 1084722

Ion Ratio Lower Upper

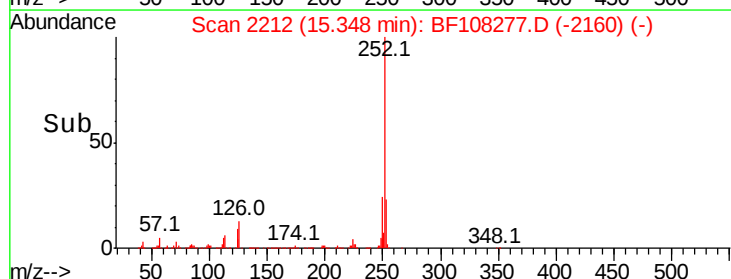
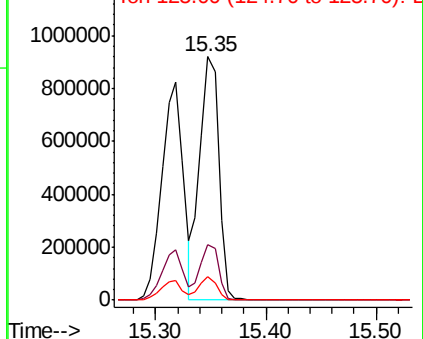
252 100

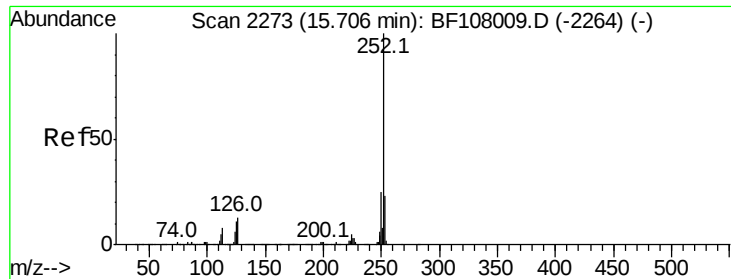
253 22.7 17.9 26.9

125 9.4 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





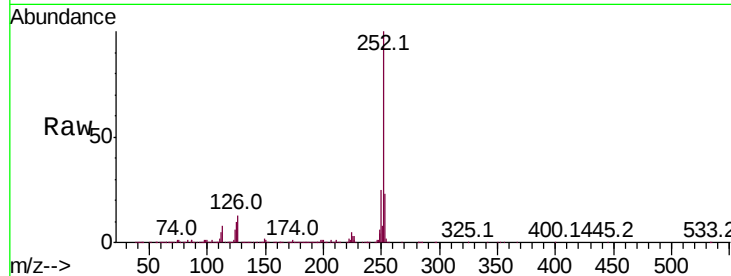
#89
Benzo(a)pyrene
Concen: 39.586 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.4	9.8	14.6

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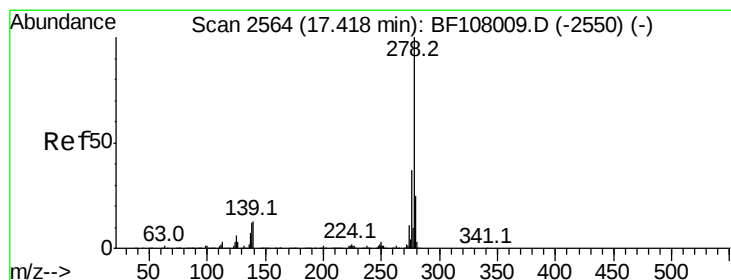
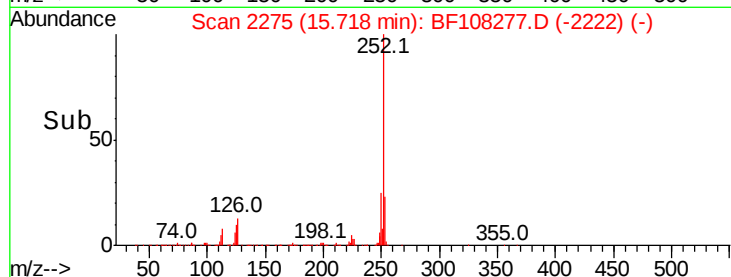
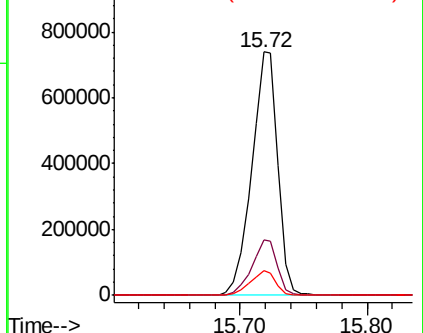


Abundance

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: 44.759 ng
RT: 17.44 min Scan# 2568
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

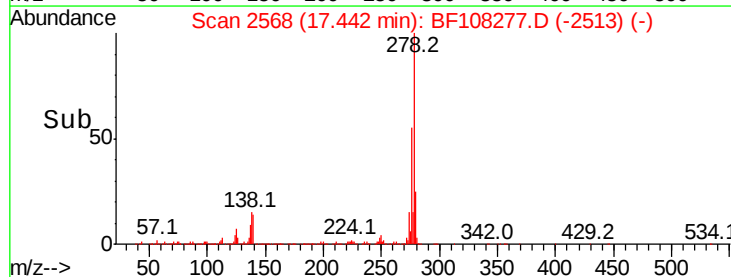
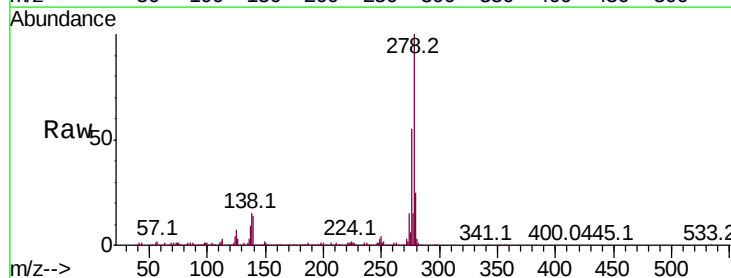
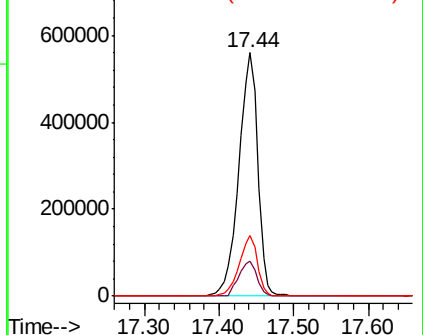
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.9	23.9#
279	24.7	19.0	28.4

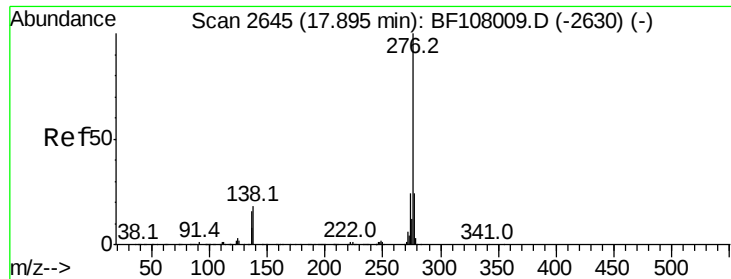
Abundance

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: 46.201 ng
 RT: 17.93 min Scan# 2651
 Delta R.T. 0.04 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	17.9	21.8	32.8

Manual Integrations
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