Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108787.D
Acq On : 5 Sep 2018 21:12
Operator : JU/SJ
Sample : J4741-16 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 05:26:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	298883	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	1116393	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	480056	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	765029	20.00	ng		0.00
75) Chrysene-d12	13.86	240	638080	20.00	ng		0.00
86) Perylene-d12	15.27	264	517360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	148271	8.22	ng		-0.01
7) Phenol-d6	6.35	99	194193	8.37	ng		-0.02
23) Nitrobenzene-d5	7.28	82	102216	5.73	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	26485	5.78	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	206134	7.33	ng		0.00
78) Terphenyl-d14	12.82	244	153152	5.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	249	0.029	ng	#	7
3) Pyridine	3.38	79	138	0.006	ng	#	21
4) n-Nitrosodimethylamine	3.01	42	120	0.013	ng	#	1
6) Aniline	6.50	93	126	0.004	ng	#	1
9) Benzaldehyde	6.27	77	390	0.024	ng	#	1
10) Phenol	6.37	94	559	0.021	ng	#	58
11) bis(2-Chloroethyl)ether	6.50	93	126	0.006	ng	#	1
15) Benzyl Alcohol	6.89	79	2574	0.144	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	7.02	45	107	0.003	ng		70
17) 2-Methylphenol	6.87	107	221	0.013	ng	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	13731	0.851	ng	#	83
20) 3+4-Methylphenols	6.87	107	221	0.011	ng	#	1
22) Acetophenone	7.14	105	511	0.020	ng	#	44
24) Nitrobenzene	7.28	77	284	0.015	ng	#	14
25) Isophorone	7.28	82	101910	2.864	ng	#	64
28) bis(2-Chloroethoxy)methane	7.92	93	123	0.005	ng	#	1
31) Naphthalene	8.04	128	3572	0.071	ng		98
32) Benzoic acid	8.01	122	228	4.041	ng	#	1
33) 4-Chloroaniline	8.04	127	357	0.015	ng	#	11
36) 4-Chloro-3-methylphenol	8.58	107	1031	0.061	ng	#	20
37) 2-Methylnaphthalene	8.72	142	3984	0.120	ng		90
45) 1,1'-Biphenyl	9.19	154	1123	0.030	ng		87
46) 2-Chloronaphthalene	9.48	162	350	0.012	ng	#	1
47) 2-Nitroaniline	9.25	65	112	0.014	ng	#	2
48) Acenaphthylene	9.62	152	4594	0.103	ng		98
49) Dimethylphthalate	9.48	163	59390	1.769	ng		99
50) 2,6-Dinitrotoluene	9.76	165	62761	9.809	ng	#	25
51) Acenaphthene	9.80	154	5457	0.198	ng		98
54) Dibenzofuran	9.97	168	4198	0.104	ng	#	92
55) 4-Nitrophenol	9.97	139	1616	0.284	ng	#	19
56) 2,4-Dinitrotoluene	9.76	165	62761	7.671	ng	#	23
57) Fluorene	10.31	166	6484	0.251	ng		98
59) Diethylphthalate	10.18	149	11500	0.332	ng	#	93
62) Azobenzene	10.47	77	1002	0.028	ng	#	1

Quantitation Report (Not Reviewed)

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Operator : JU/SJ
Sample : J4741-16 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 05:26:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) n-Nitrosodiphenylamine	10.42	169	280	0.011	ng	#	24
66) 4-Bromophenyl-phenylether	10.54	248	1736	0.201	ng	#	1
70) Phenanthrene	11.26	178	79785	2.184	ng		99
71) Anthracene	11.31	178	20106	0.575	ng		97
72) Carbazole	11.46	167	7844	0.213	ng		96
73) Di-n-butylphthalate	11.81	149	5792	0.142	ng	#	80
74) Fluoranthene	12.44	202	146797	4.058	ng		98
76) Benzidine	12.55	184	1987	0.066	ng	#	21
77) Pyrene	12.67	202	127049	2.588	ng		99
79) Butylbenzylphthalate	13.29	149	58004	2.623	ng		96
80) Benzo(a)anthracene	13.85	228	59974	1.466	ng		95
81) 3,3'-Dichlorobenzidine	13.81	252	1962	0.123	ng	#	49
82) Chrysene	13.88	228	61160	1.545	ng		97
83) Bis(2-ethylhexyl)phthalate	13.87	149	16799	0.605	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1213	0.026	ng	#	54
85) Indeno(1,2,3-cd)pyrene	16.61	276	30047	0.858	ng		96
87) Benzo(b)fluoranthene	14.87	252	88850	3.158	ng	#	88
88) Benzo(k)fluoranthene	14.87	252	88850	3.430	ng	#	91
89) Benzo(a)pyrene	15.21	252	48458	1.909	ng	#	91
90) Dibenzo(a,h)anthracene	16.62	278	8529	0.381	ng	#	55
91) Benzo(g,h,i)perylene	17.01	276	32188	1.437	ng	#	93

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

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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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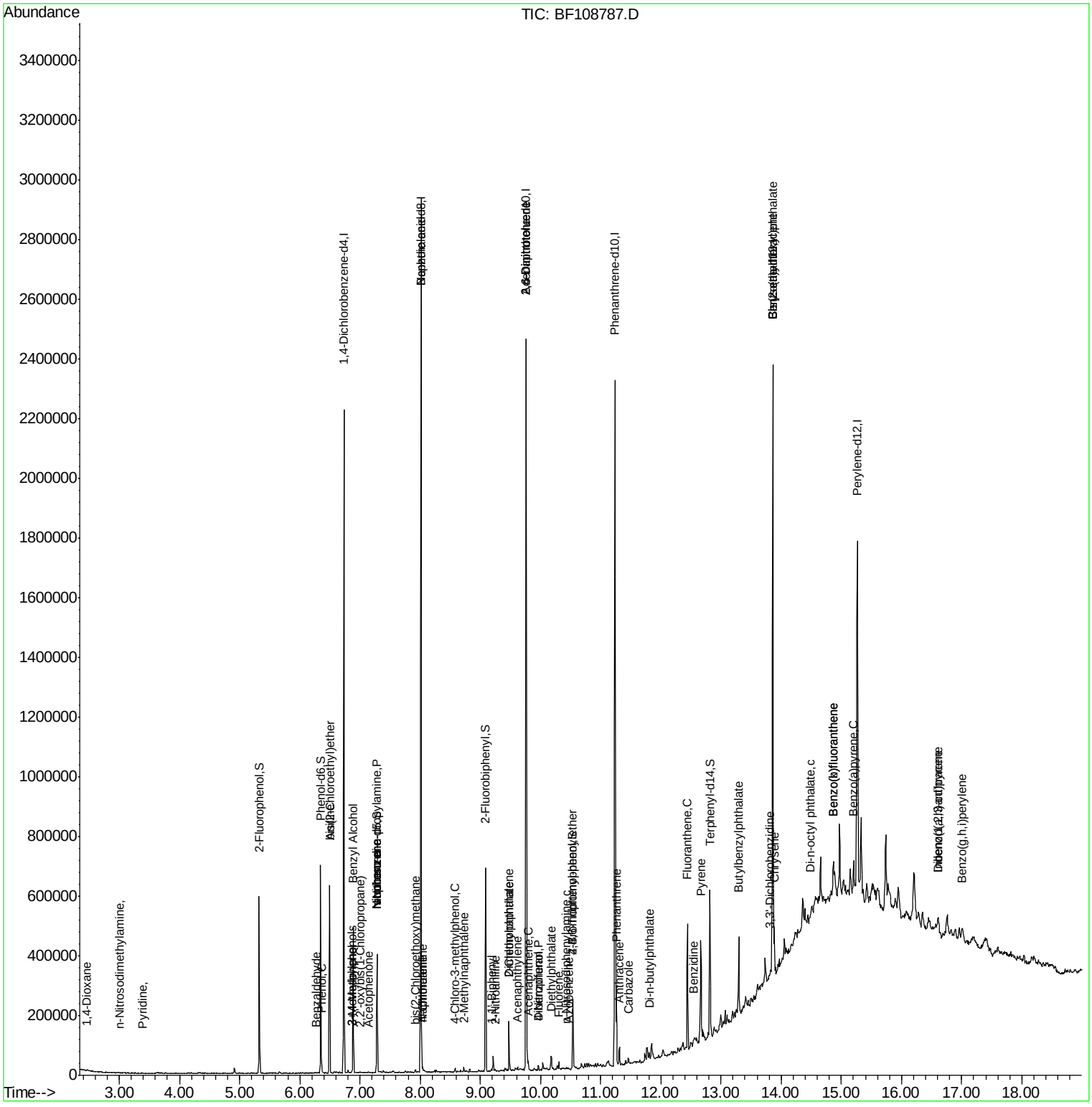
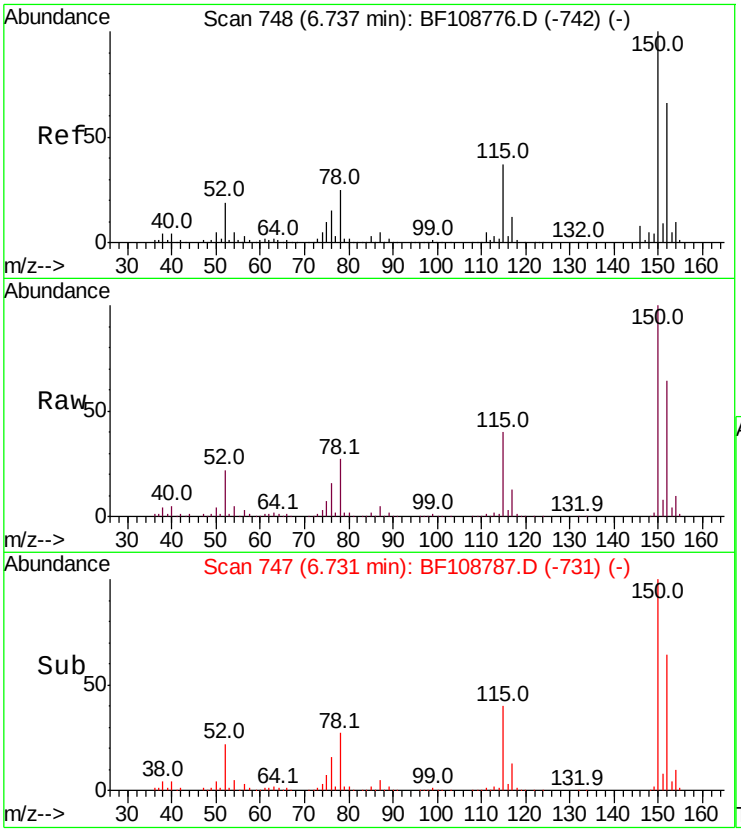


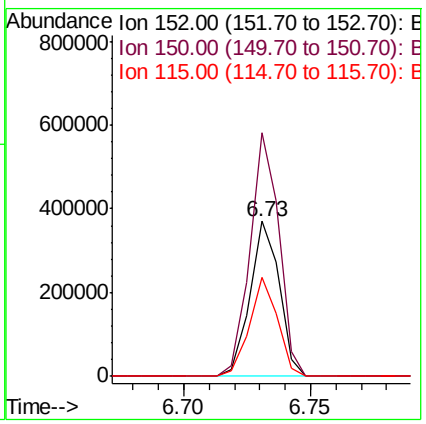


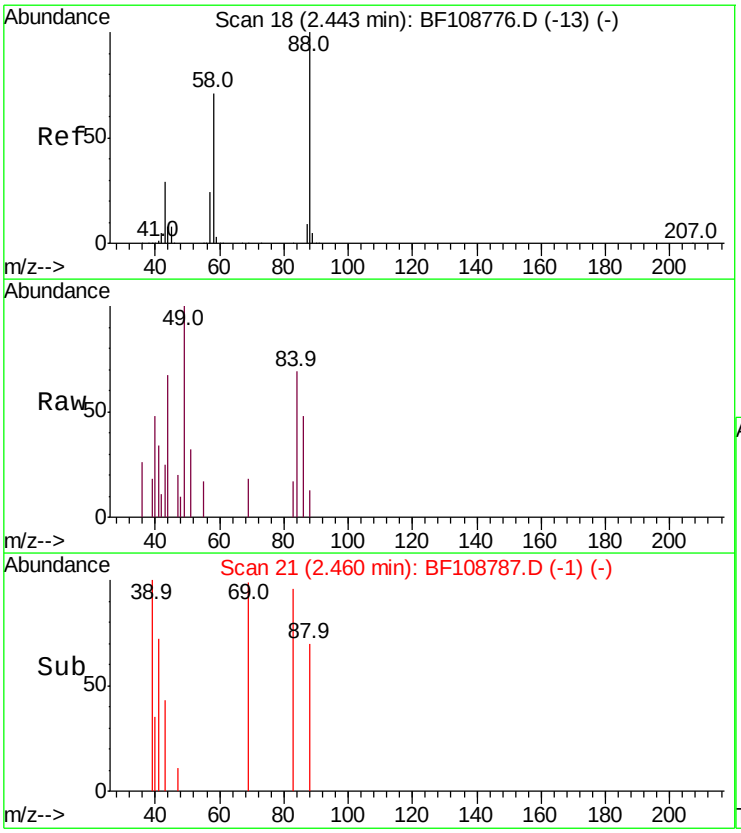
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 298883

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.6	50.1	75.1

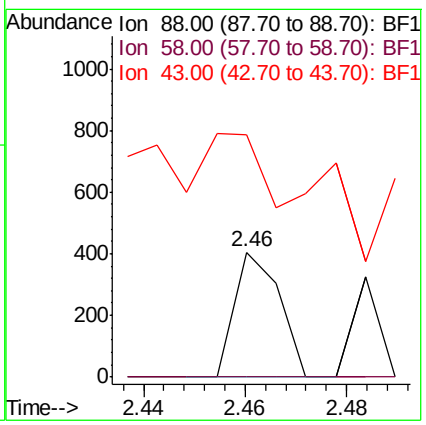


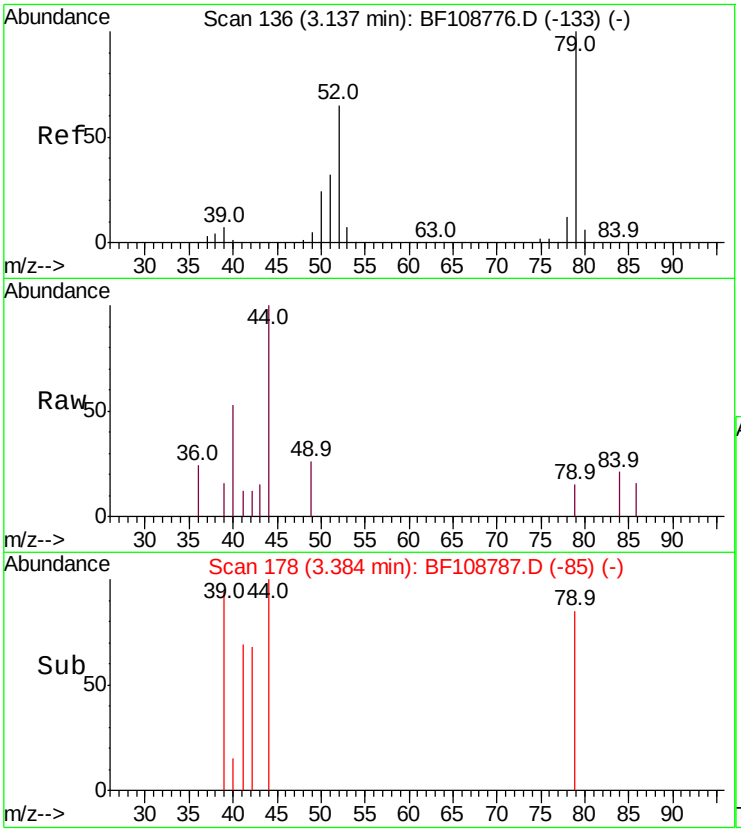


#2
1,4-Dioxane
Concen: 0.029 ng
RT: 2.46 min Scan# 21
Delta R.T. 0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 88 Resp: 249

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	85.9	24.6	37.0#



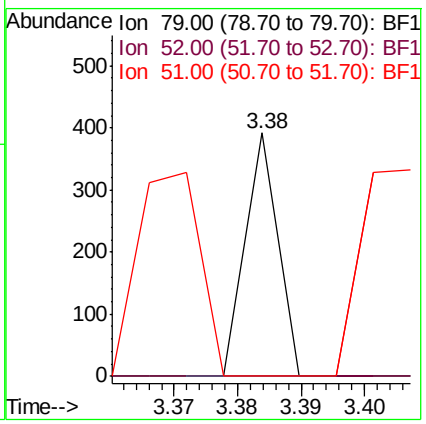


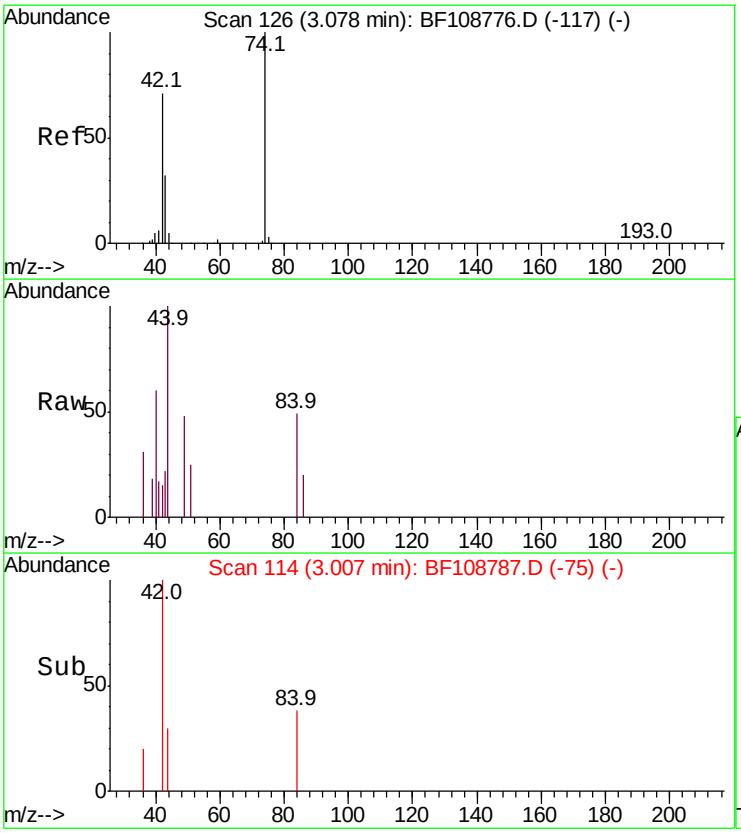
#3
Pyridine
Concen: 0.006 ng
RT: 3.38 min Scan# 178
Delta R.T. 0.25 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 138

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	0.0	29.8	44.8#

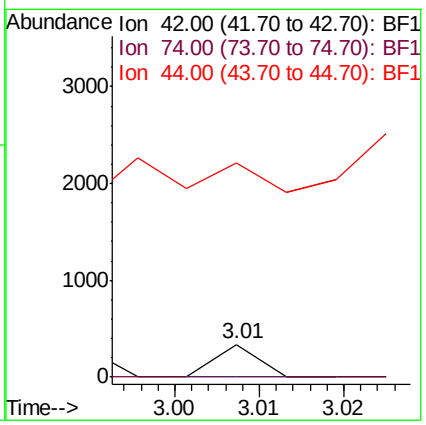


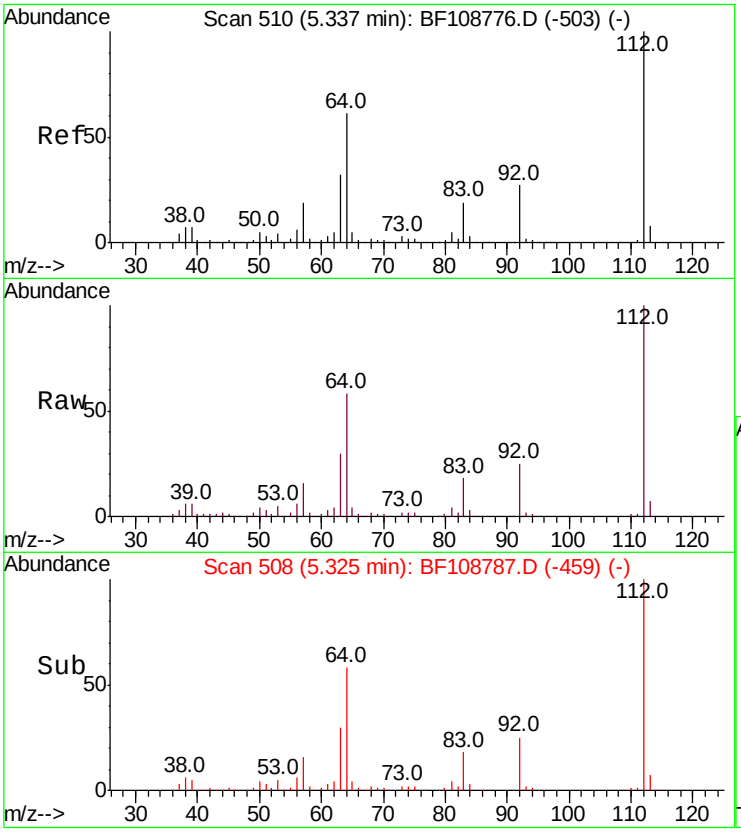


#4
n-Nitrosodimethylamine
Concen: 0.013 ng
RT: 3.01 min Scan# 114
Delta R.T. -0.07 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 42 Resp: 120

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	646.9	6.9	10.3#



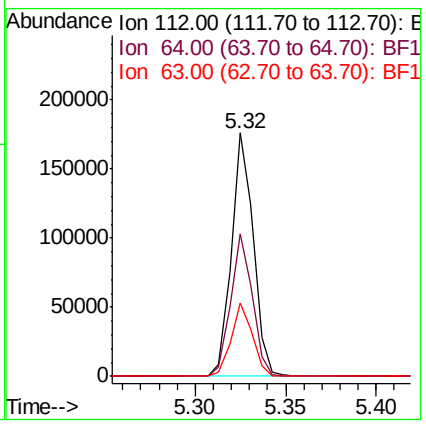


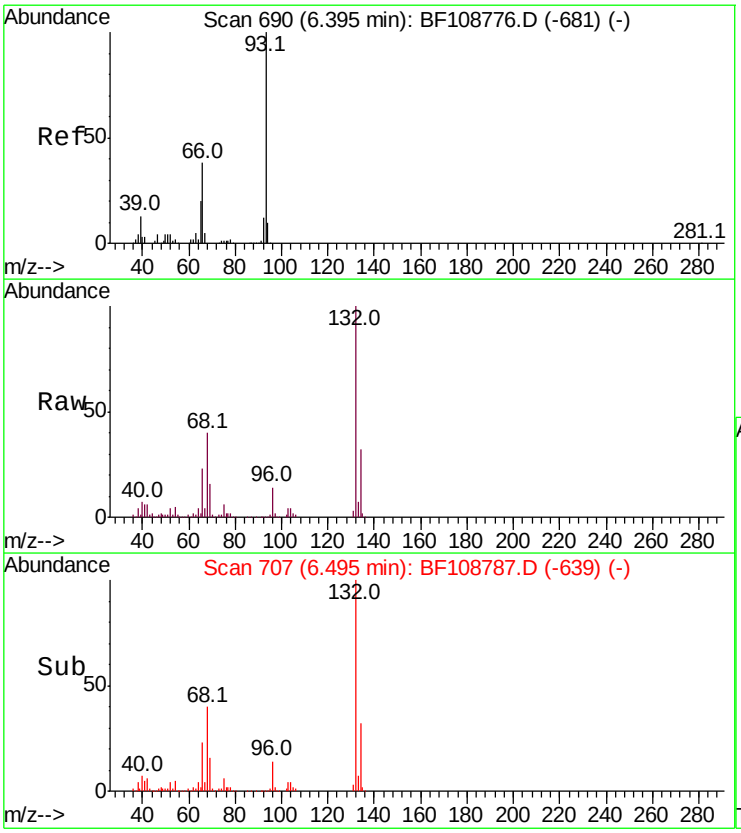
#5
2-Fluorophenol
Concen: 8.218 ng
RT: 5.32 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 148271

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.0	23.7	35.5

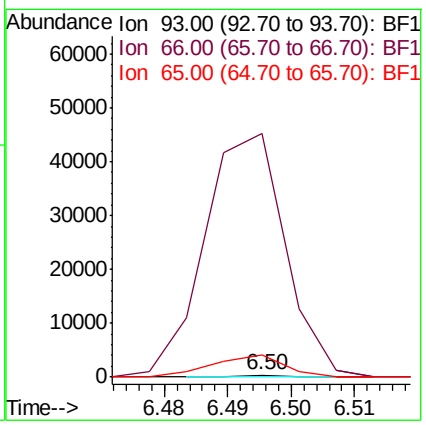


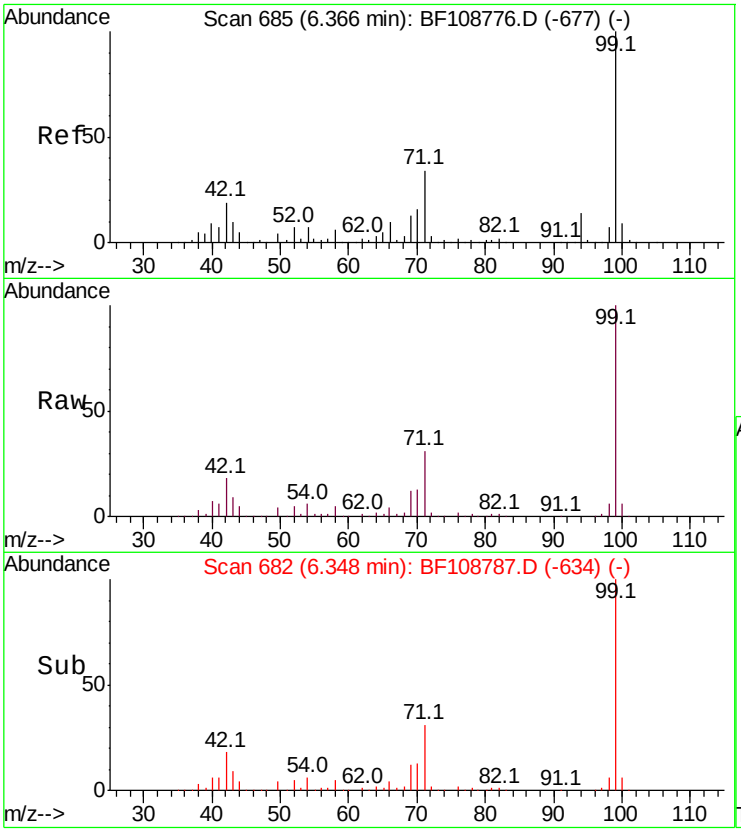


#6
Aniline
Concen: 0.004 ng
RT: 6.50 min Scan# 707
Delta R.T. 0.10 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 93 Resp: 126

Ion	Ratio	Lower	Upper
93	100		
66	12665.5	32.2	48.2#
65	1134.5	16.4	24.6#



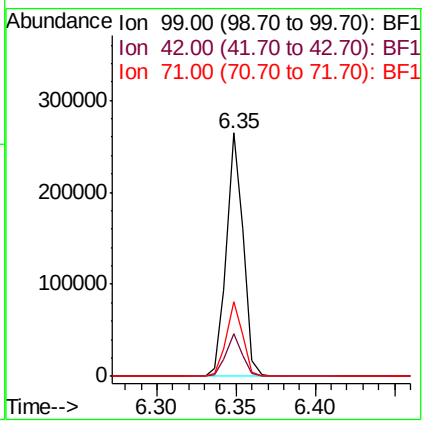


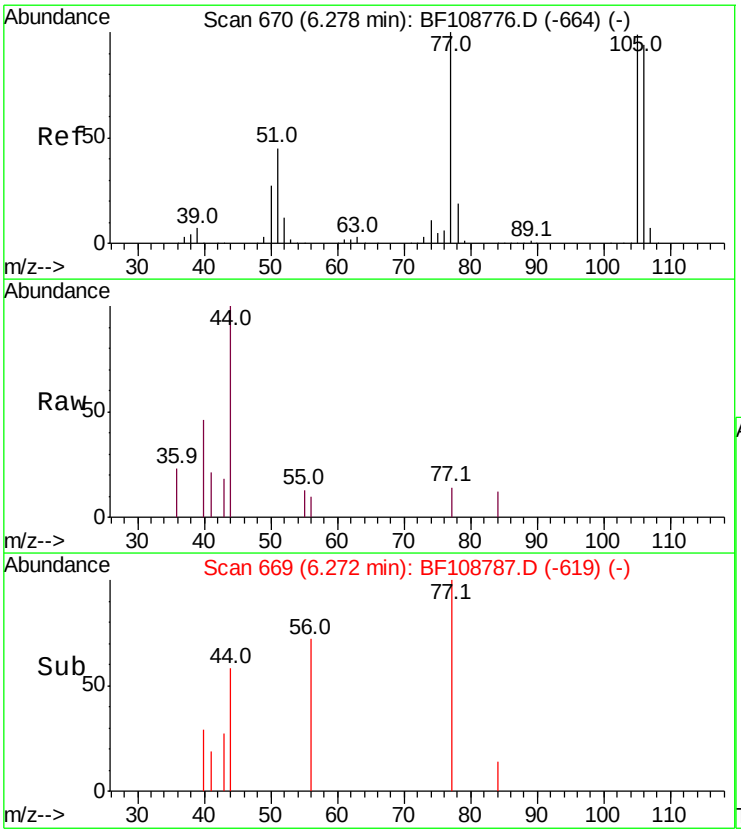
#7
Phenol-d6
Concen: 8.366 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 194193

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	30.9	25.4	38.0

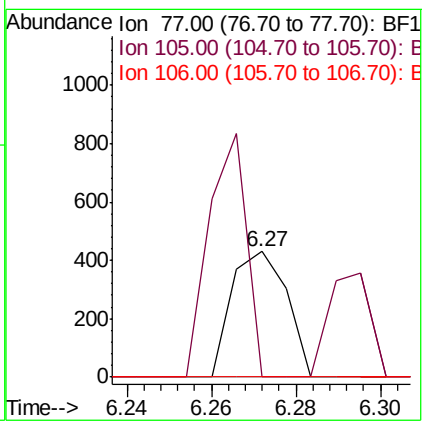


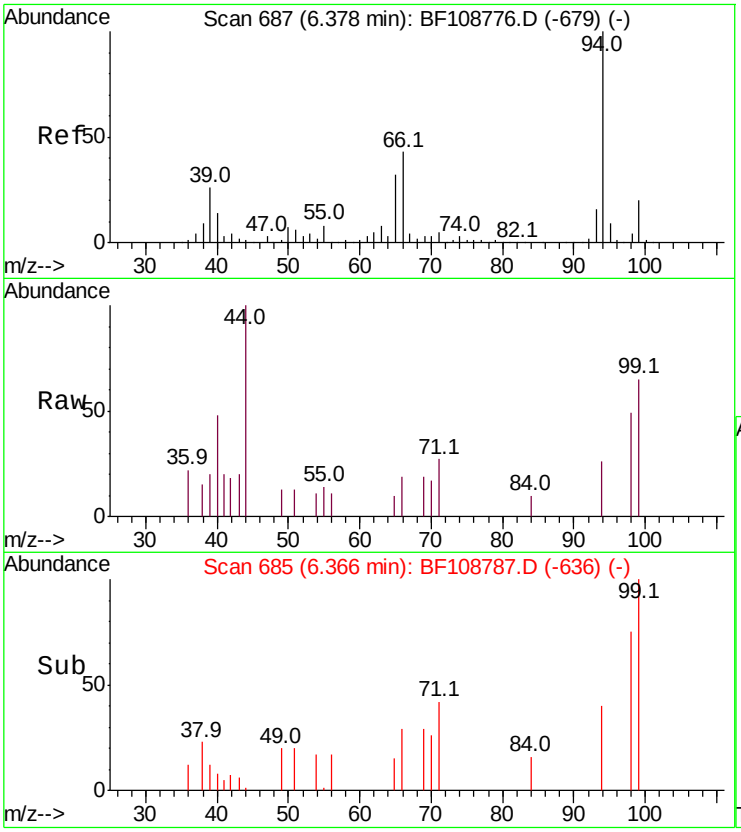


#9
Benzaldehyde
Concen: 0.024 ng
RT: 6.27 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 77 Resp: 390

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.1	121.1#
106	0.0	74.5	114.5#



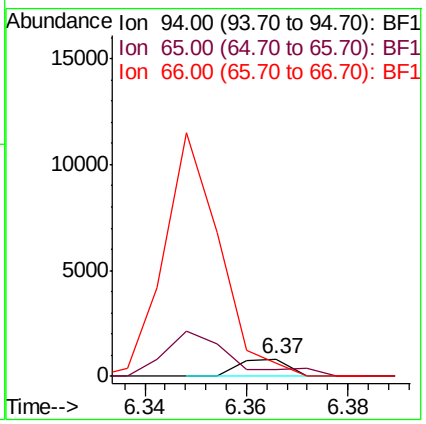


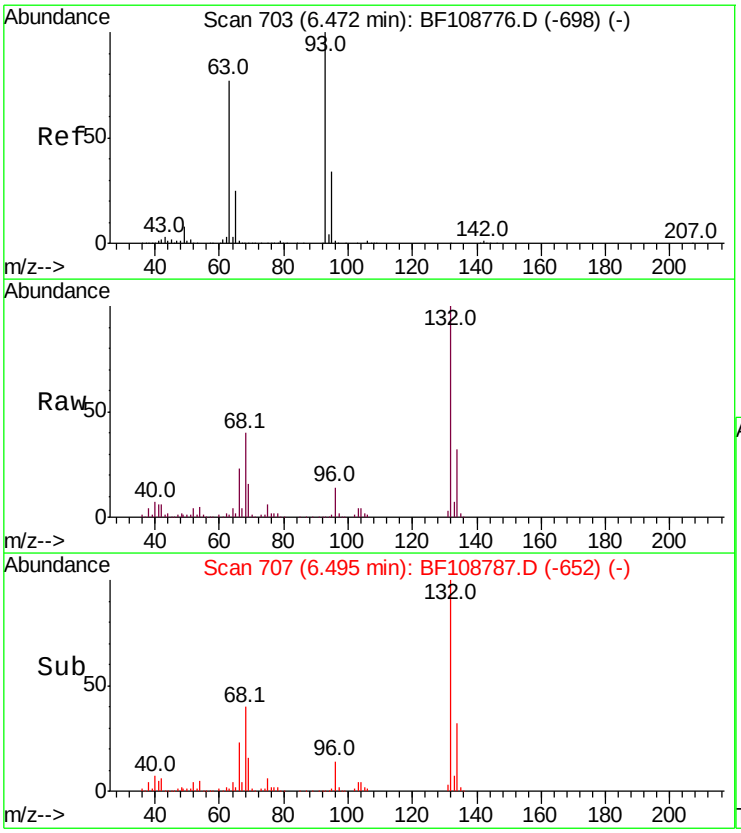
#10
Phenol
Concen: 0.021 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 559

Ion	Ratio	Lower	Upper
94	100		
65	37.2	7.9	47.9
66	72.1	16.2	56.2#

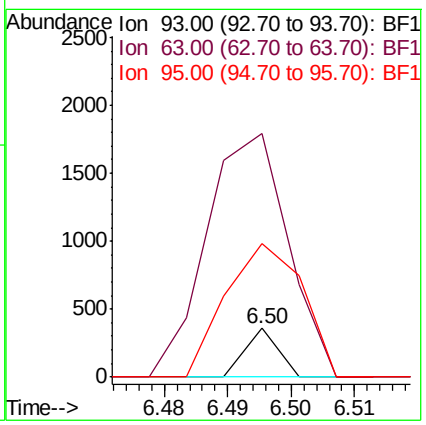


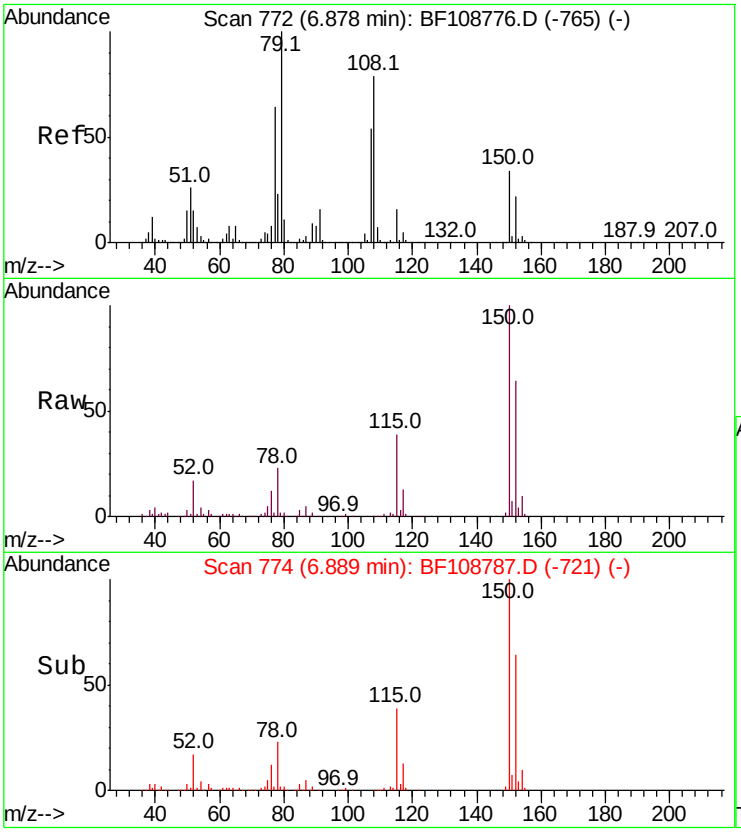


#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 6.50 min Scan# 707
Delta R.T. 0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 93 Resp: 126

Ion	Ratio	Lower	Upper
93	100		
63	502.0	58.6	98.6#
95	276.5	11.8	51.8#



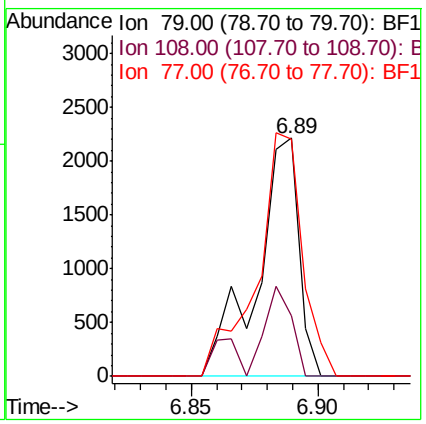


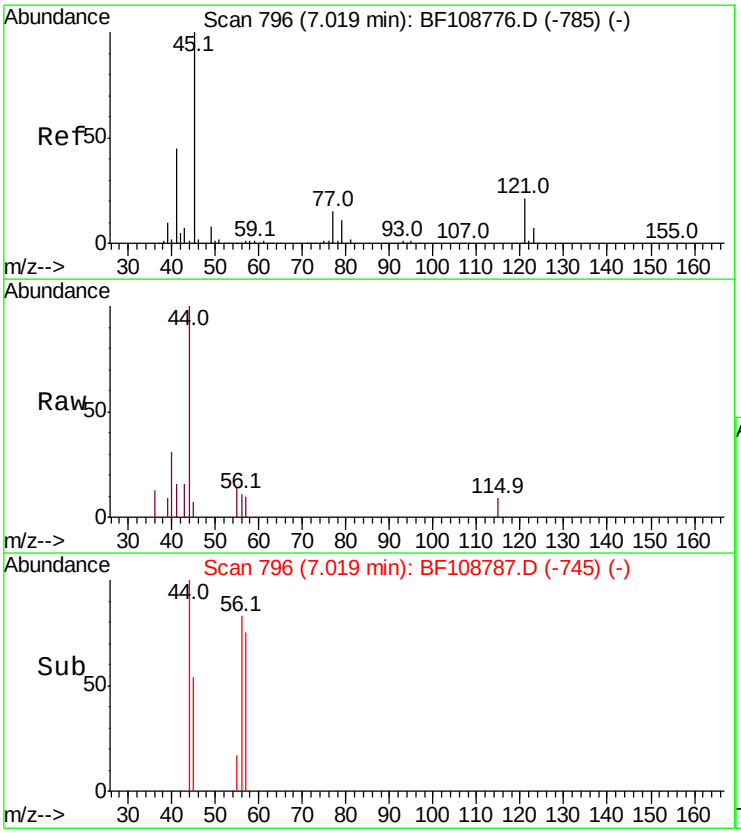
#15
Benzyl Alcohol
Concen: 0.144 ng
RT: 6.89 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 2574

Ion	Ratio	Lower	Upper
79	100		
108	25.3	65.1	97.7#
77	99.5	50.6	75.8#

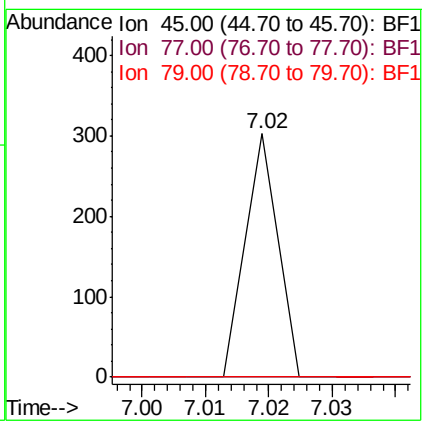


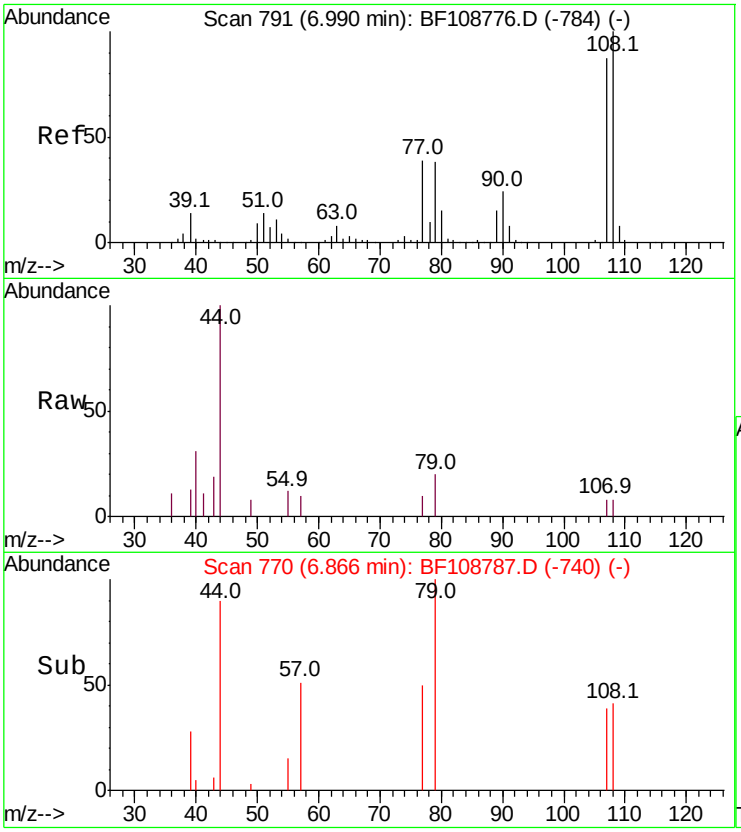


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.003 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 45 Resp: 107

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.9
79	0.0	0.0	29.6



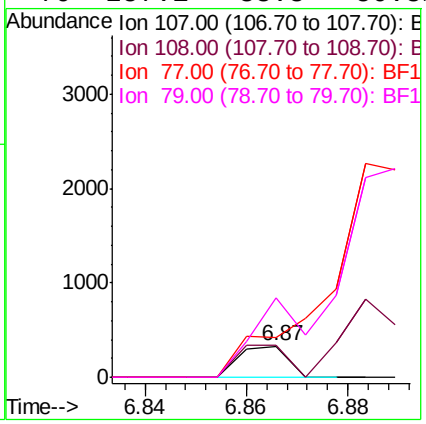


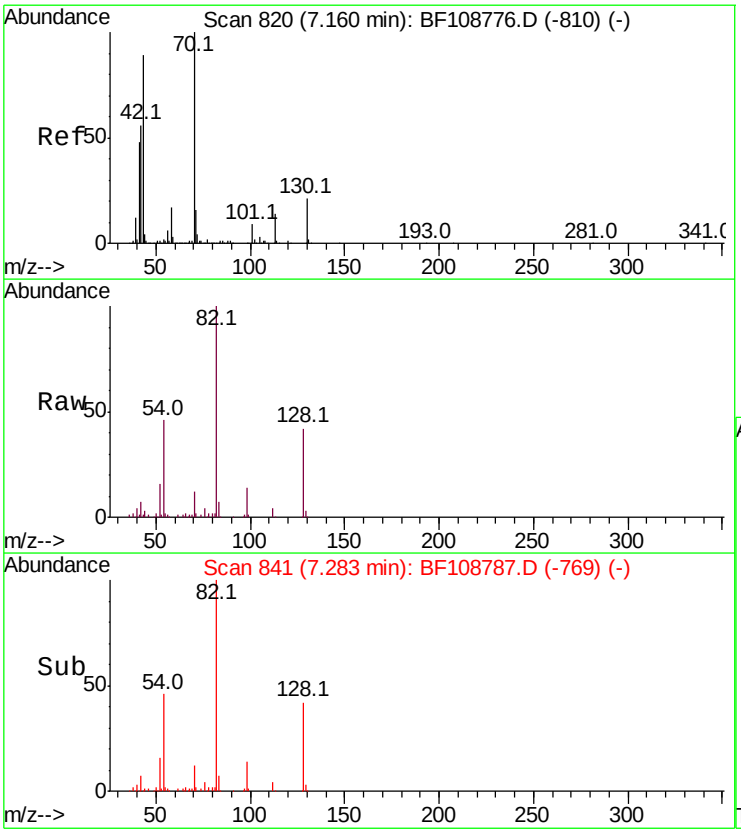
#17
2-Methylphenol
Concen: 0.013 ng
RT: 6.87 min Scan# 770
Delta R.T. -0.12 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 221

Ion	Ratio	Lower	Upper
107	100		
108	105.5	91.7	137.5
77	128.8	33.8	50.8#
79	257.1	33.8	50.8#

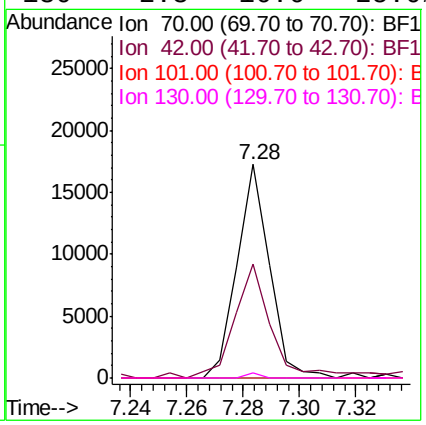


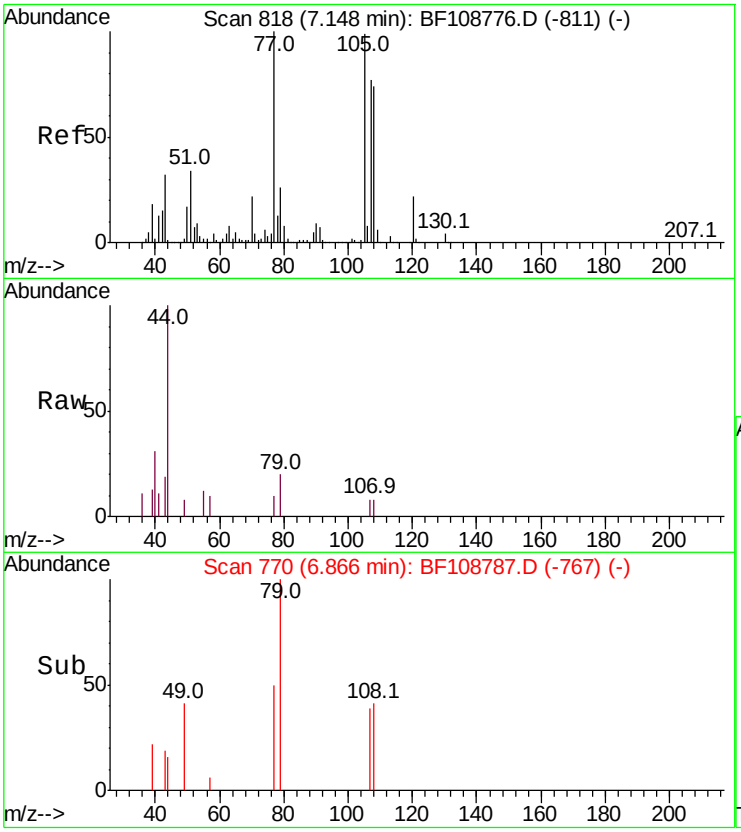


#19
n-Nitroso-di-n-propylamine
Concen: 0.851 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.12 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 70 Resp: 13731

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



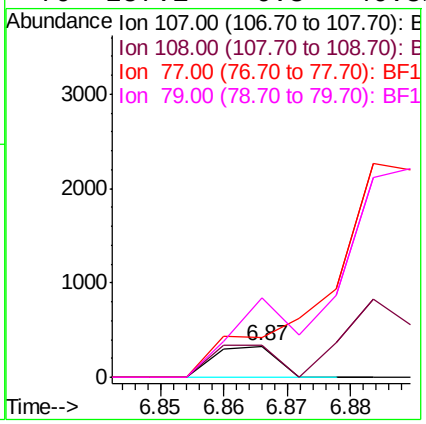


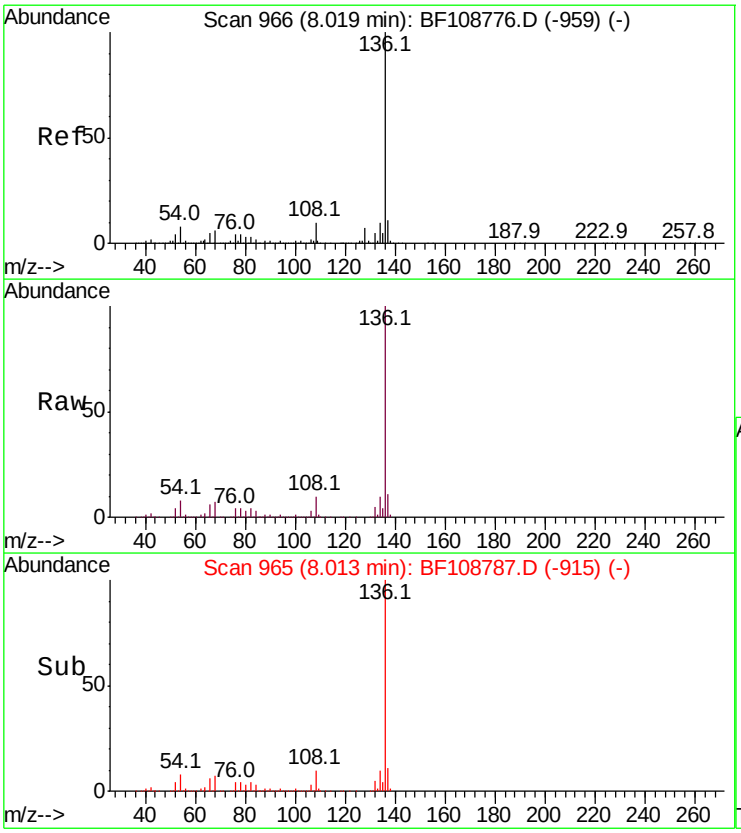
#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 6.87 min Scan# 770
Delta R.T. -0.28 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 221

Ion	Ratio	Lower	Upper
107	100		
108	105.5	68.2	108.2
77	128.8	26.7	66.7#
79	257.1	6.3	46.3#

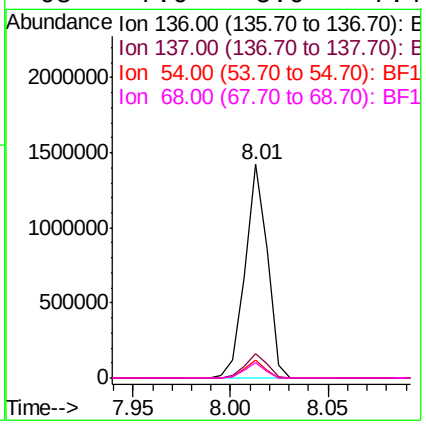


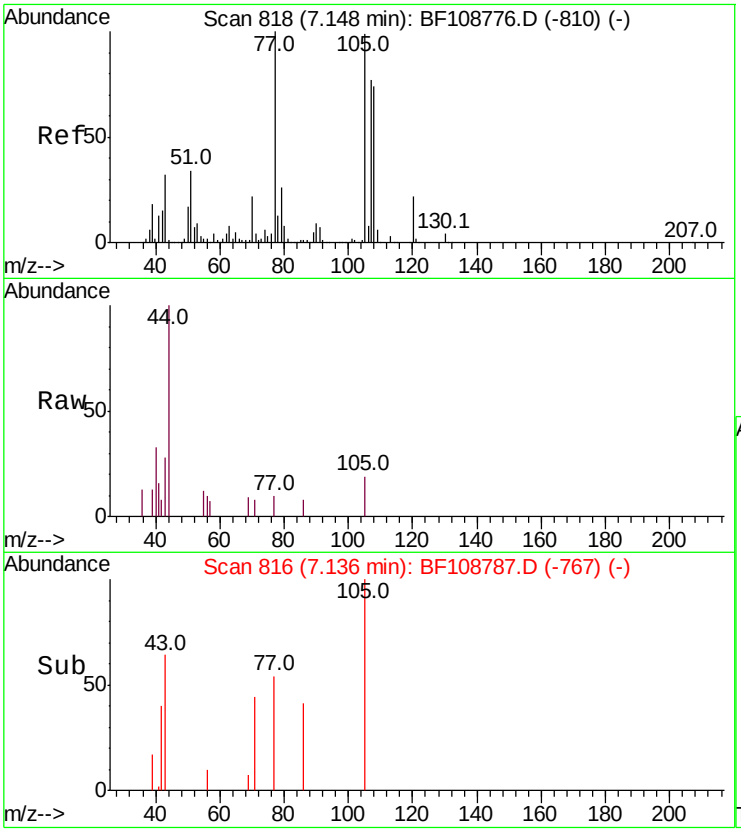


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:136 Resp: 1116393

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	6.6	9.8
68	7.0	5.0	7.4



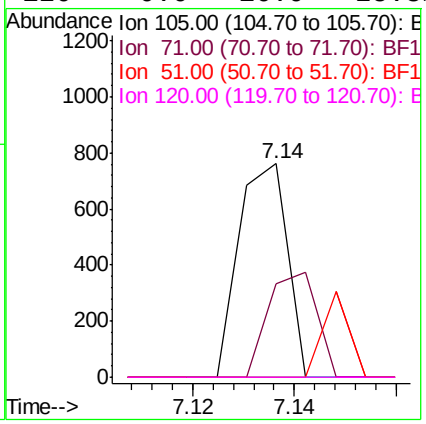


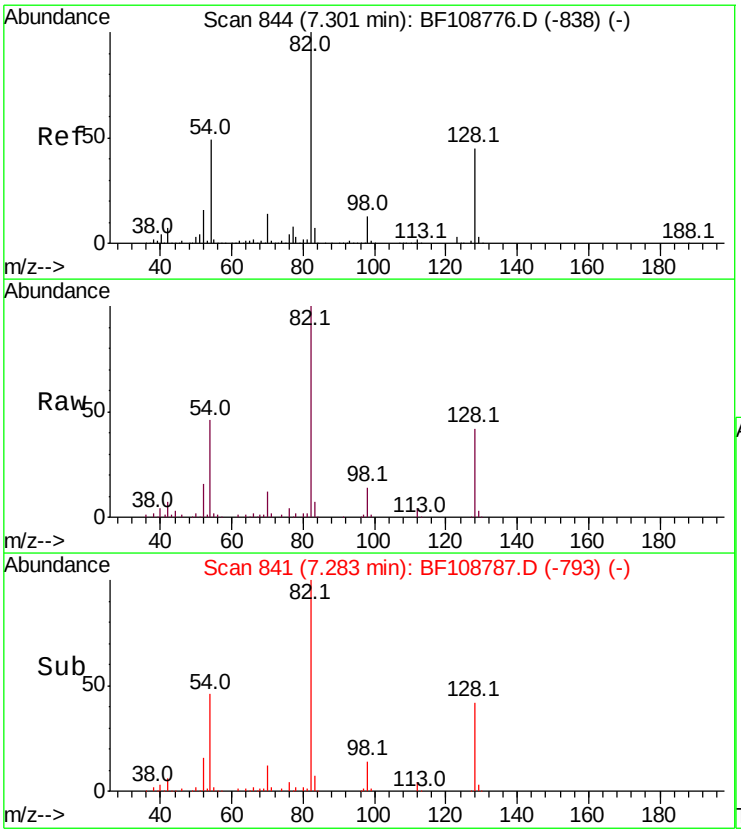
#22
Acetophenone
Concen: 0.020 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 511

Ion	Ratio	Lower	Upper
105	100		
71	43.6	4.4	6.6#
51	0.0	22.3	33.5#
120	0.0	16.9	25.3#

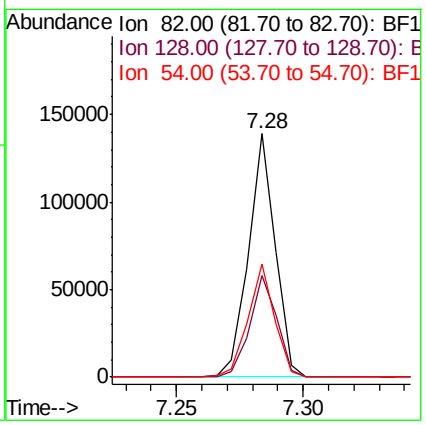


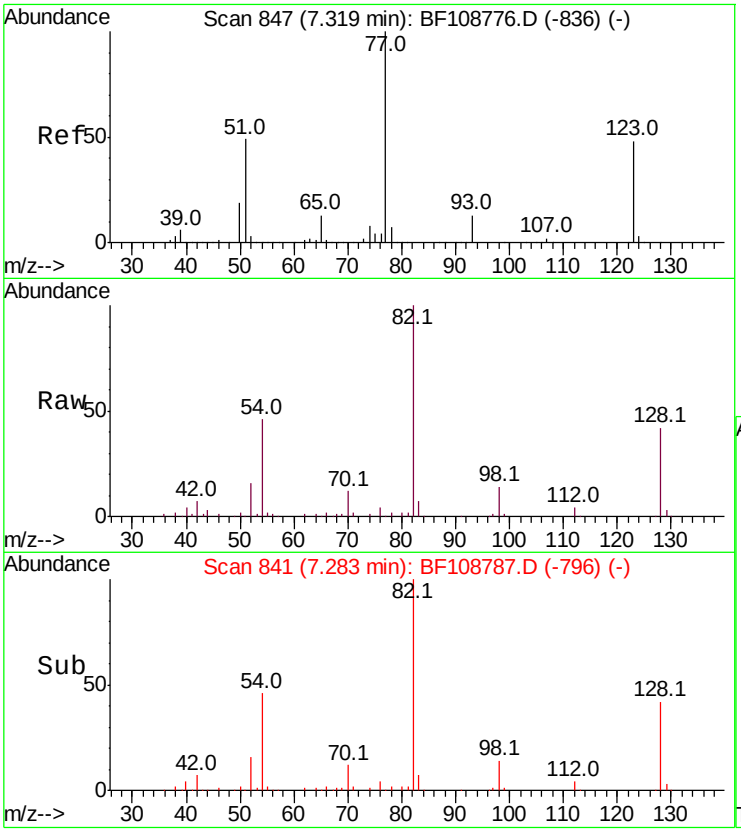


#23
Nitrobenzene-d5
Concen: 5.730 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 82 Resp: 102216

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	46.2	41.4	62.2



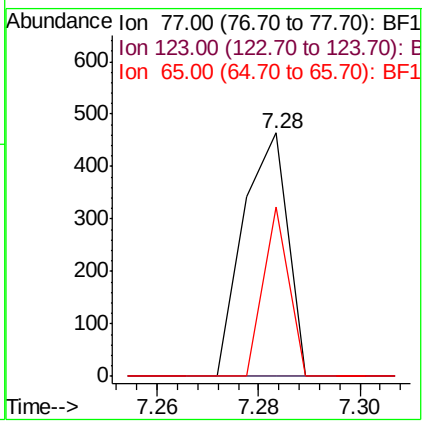


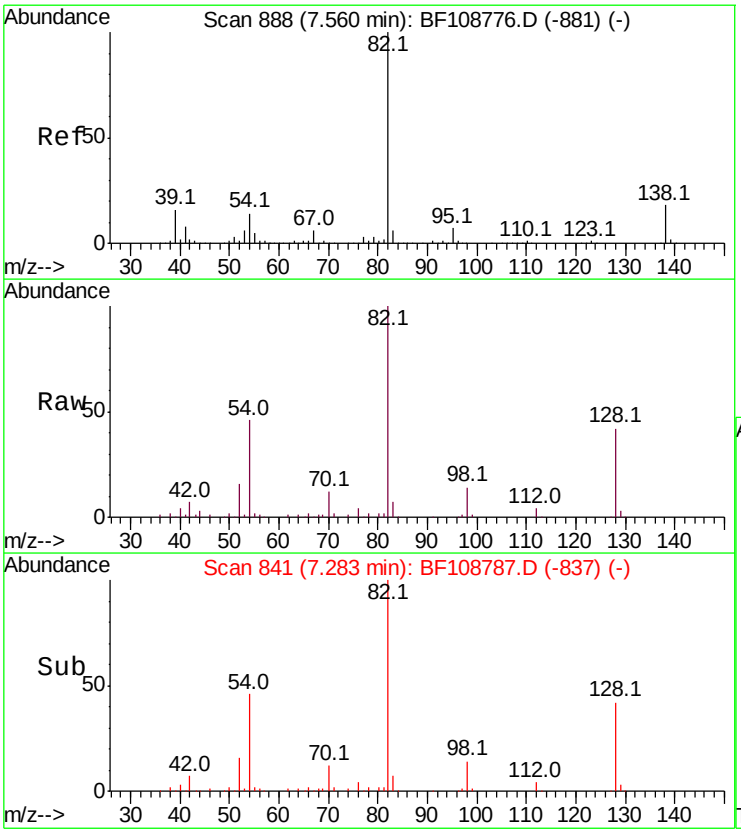
#24
Nitrobenzene
Concen: 0.015 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.04 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 284

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	69.4	11.0	16.4#

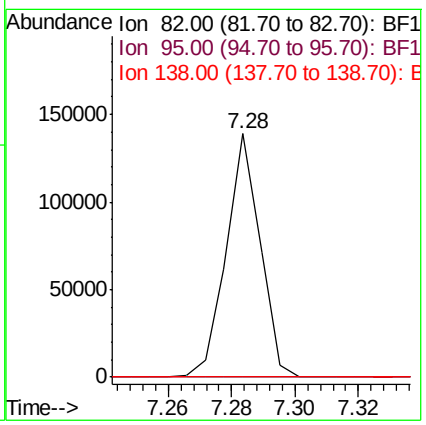


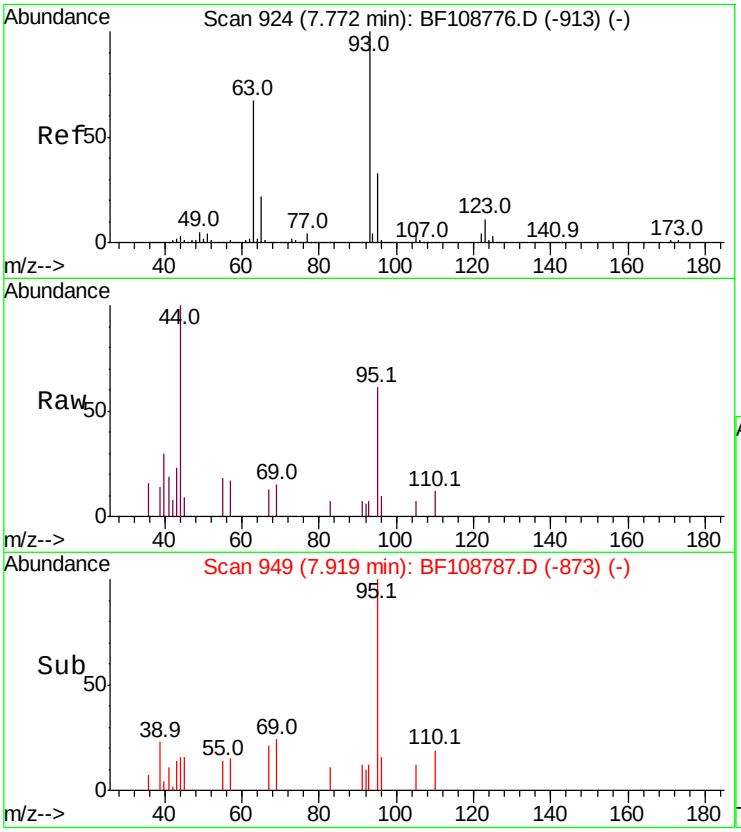


#25
Isophorone
Concen: 2.864 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.28 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 82 Resp: 101910

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



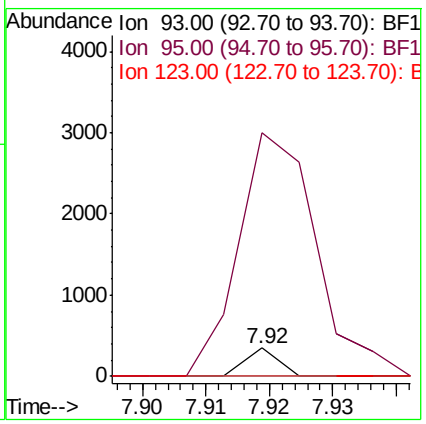


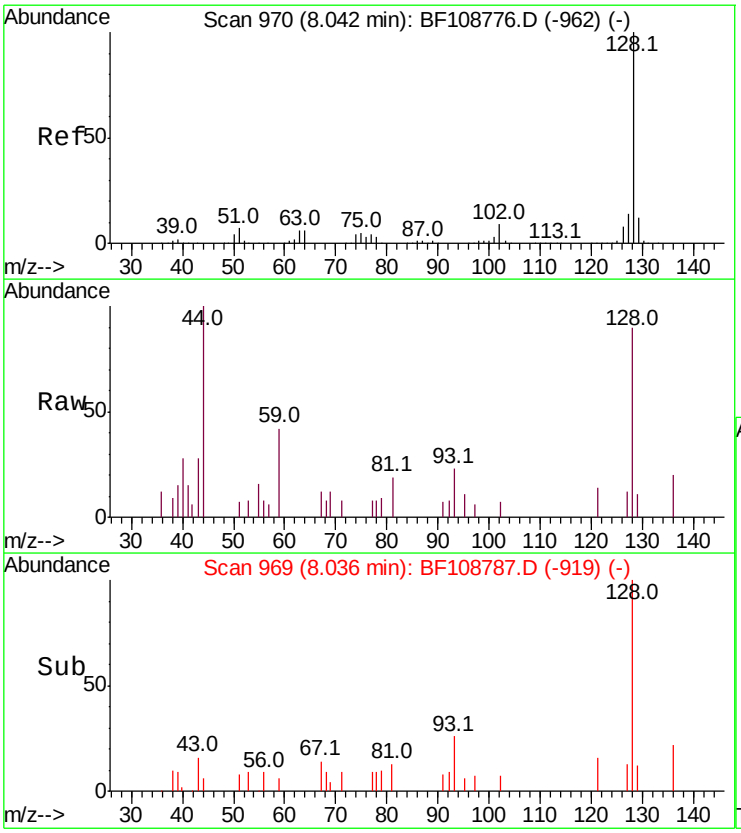
#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.15 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 123

Ion	Ratio	Lower	Upper
93	100		
95	856.6	26.3	39.5#
123	0.0	9.8	14.6#

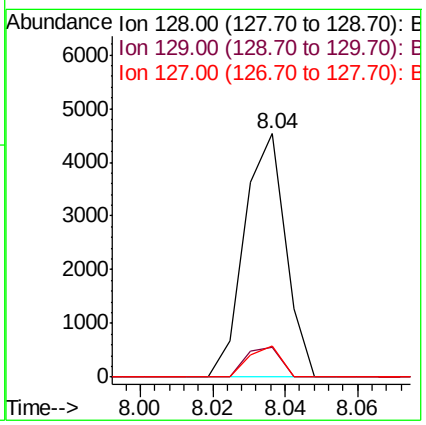


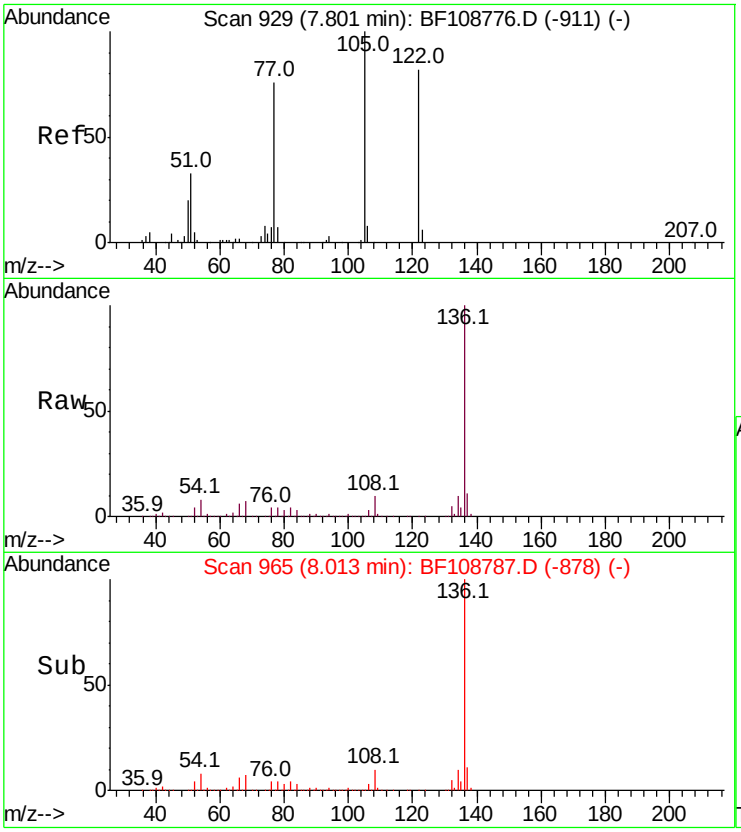


#31
Naphthalene
Concen: 0.071 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:128 Resp: 3572

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.0	10.9	16.3



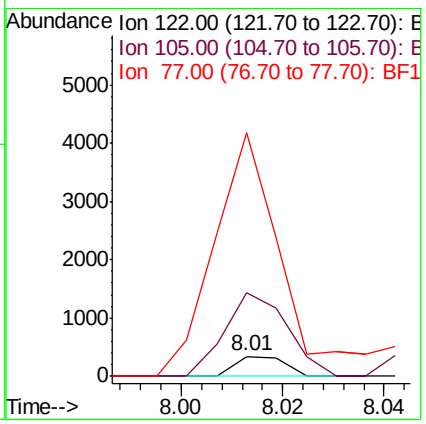


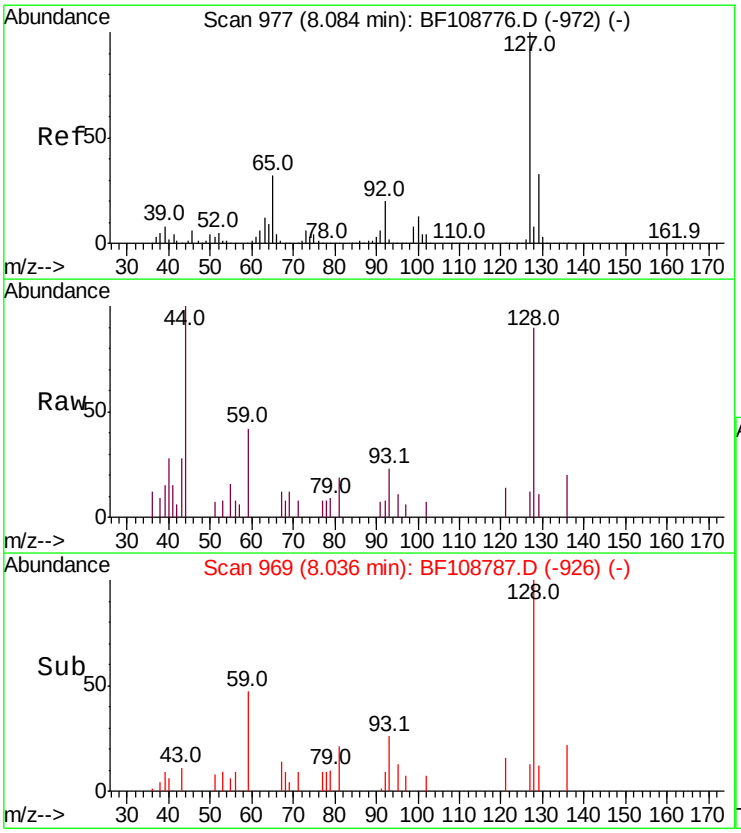
#32
Benzoic acid
Concen: 4.041 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.21 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 228

Ion	Ratio	Lower	Upper
122	100		
105	424.2	101.1	141.1#
77	1232.4	70.7	110.7#

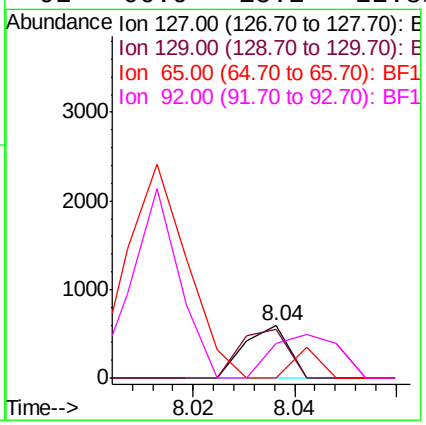


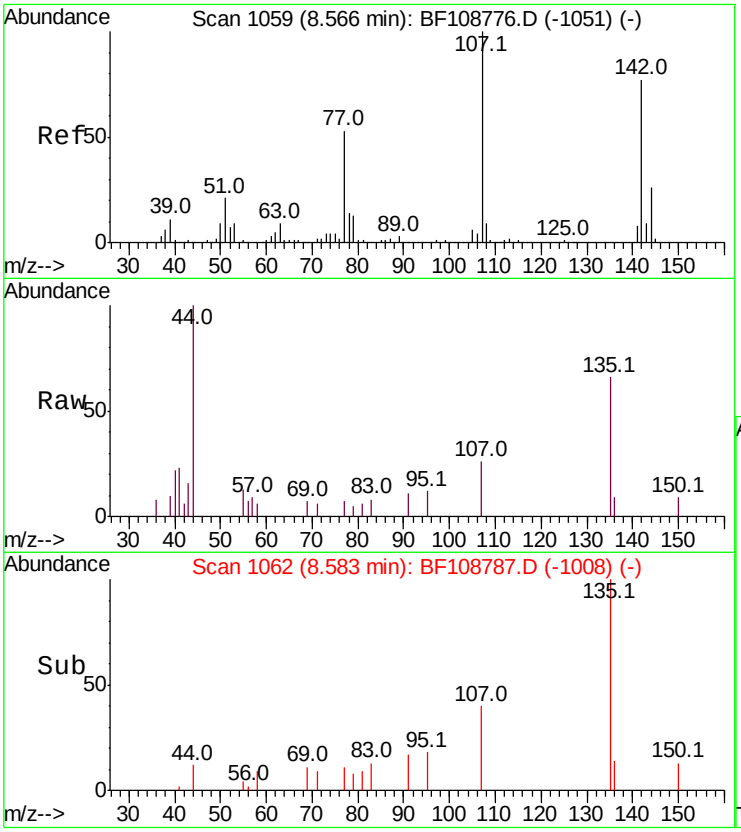


#33
4-Chloroaniline
Concen: 0.015 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:127 Resp: 357

Ion	Ratio	Lower	Upper
127	100		
129	93.5	25.9	38.9#
65	0.0	25.0	37.4#
92	66.9	15.2	22.8#



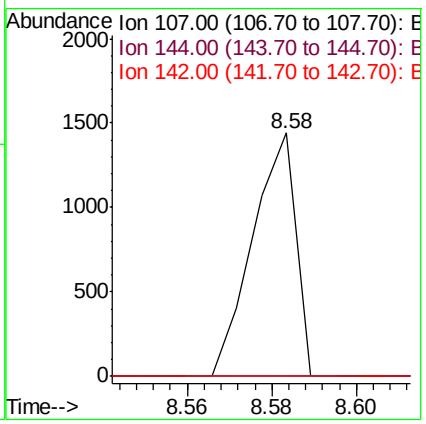


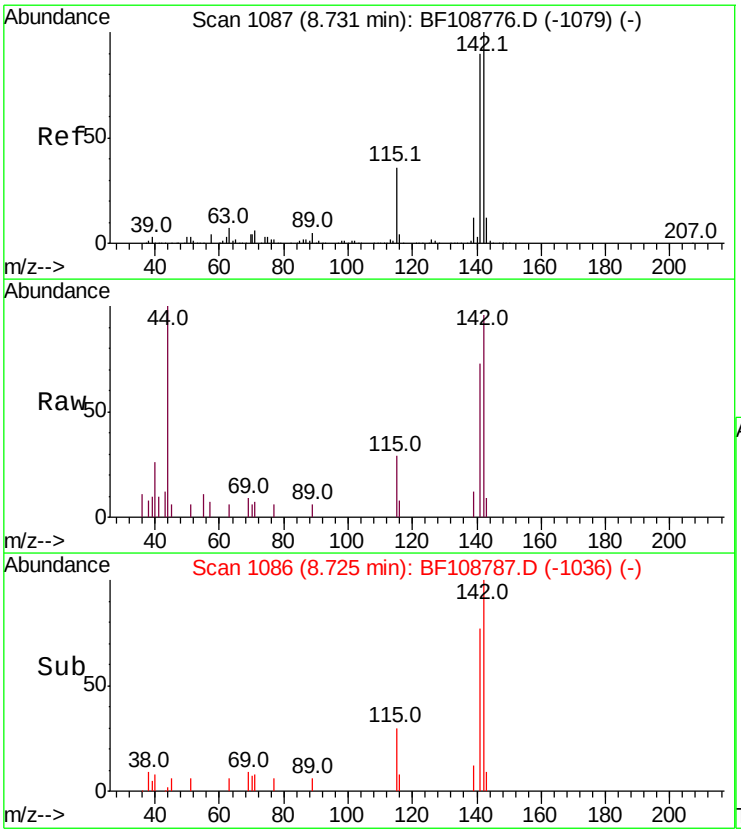
#36
4-Chloro-3-methylphenol
Concen: 0.061 ng
RT: 8.58 min Scan# 1062
Delta R.T. 0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 1031

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#

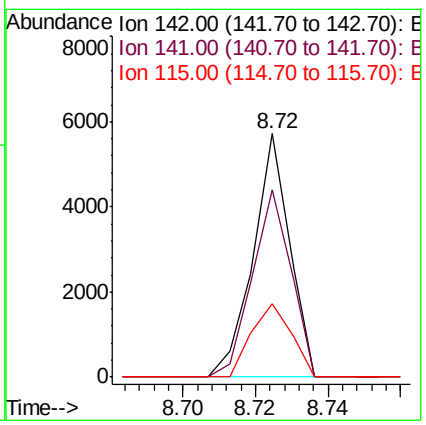


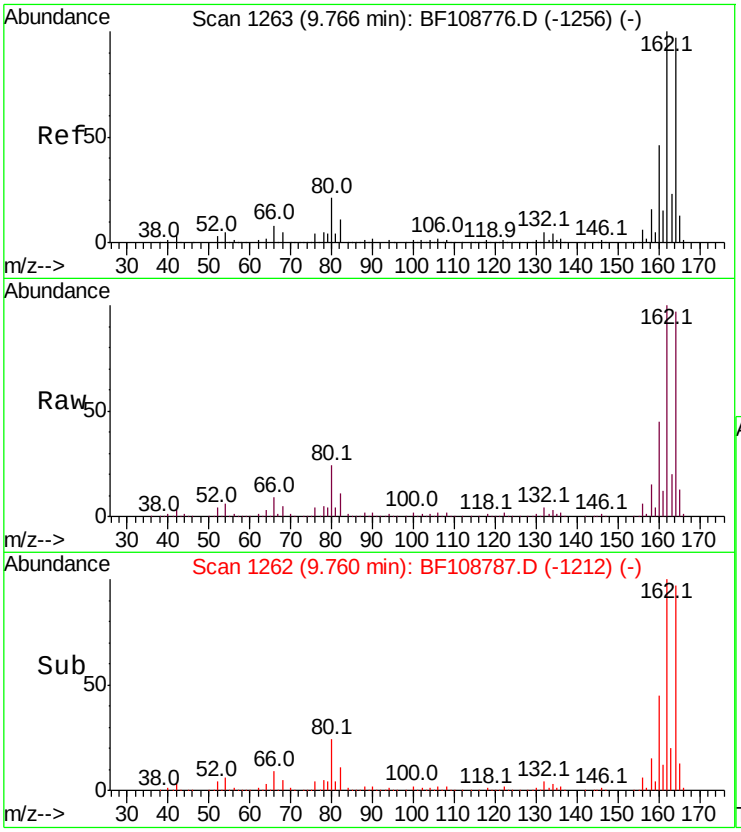


#37
2-Methylnaphthalene
Concen: 0.120 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:142 Resp: 3984

Ion	Ratio	Lower	Upper
142	100		
141	76.8	70.8	106.2
115	30.1	26.1	39.1



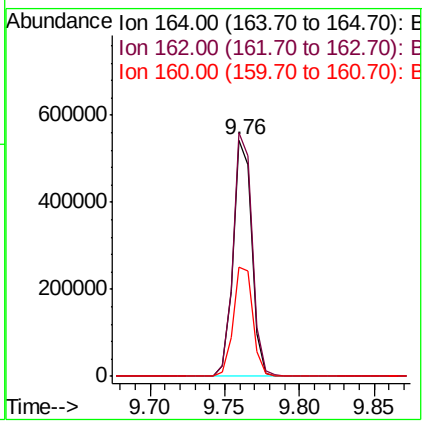


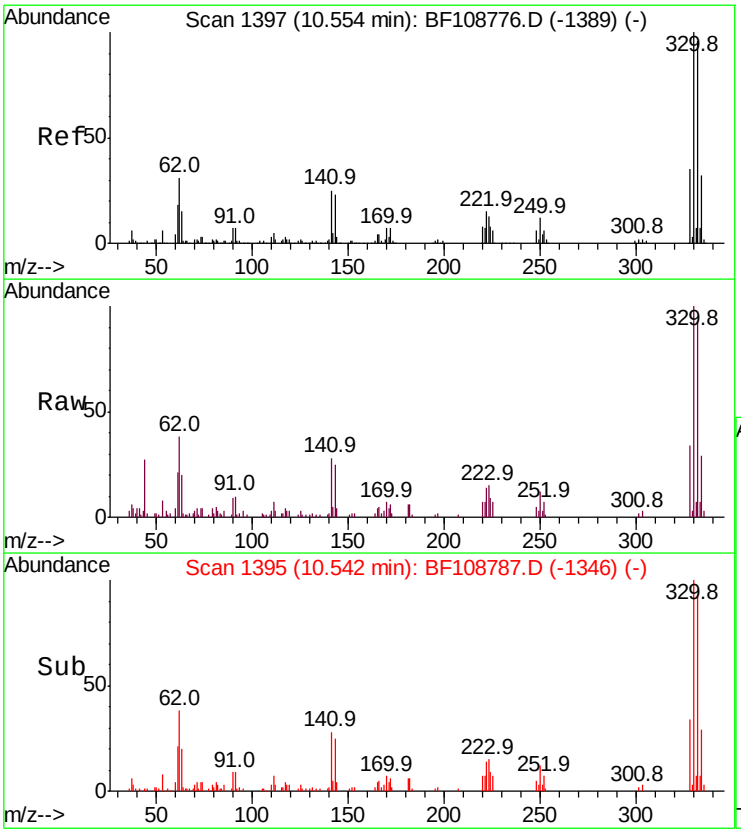
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 480056

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.3	38.3	57.5

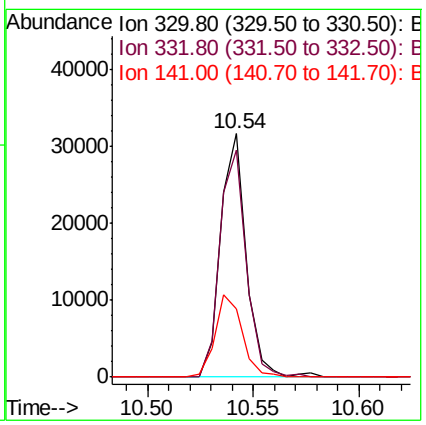


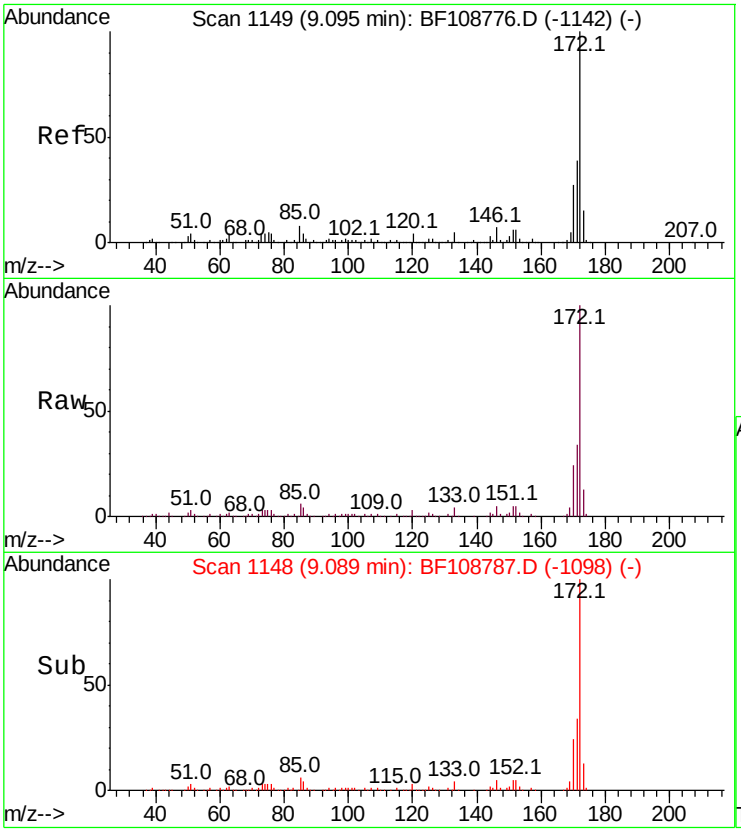


#41
2,4,6-Tribromophenol
Concen: 5.779 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:330 Resp: 26485

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.8	29.9	44.9



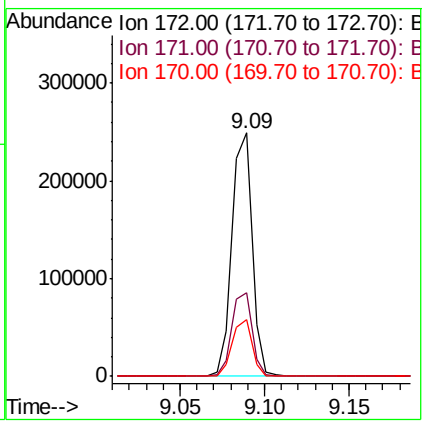


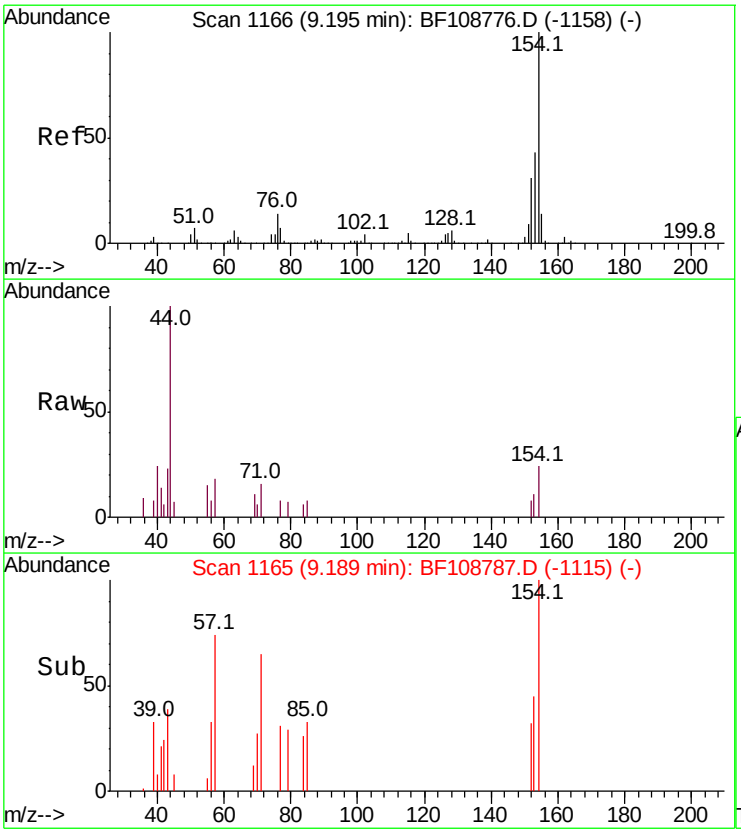
#44
2-Fluorobiphenyl
Concen: 7.325 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 206134

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.5	19.6	29.4

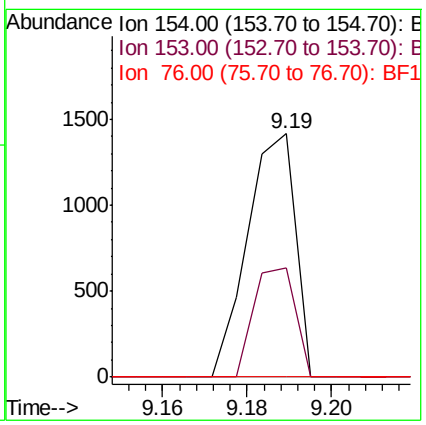


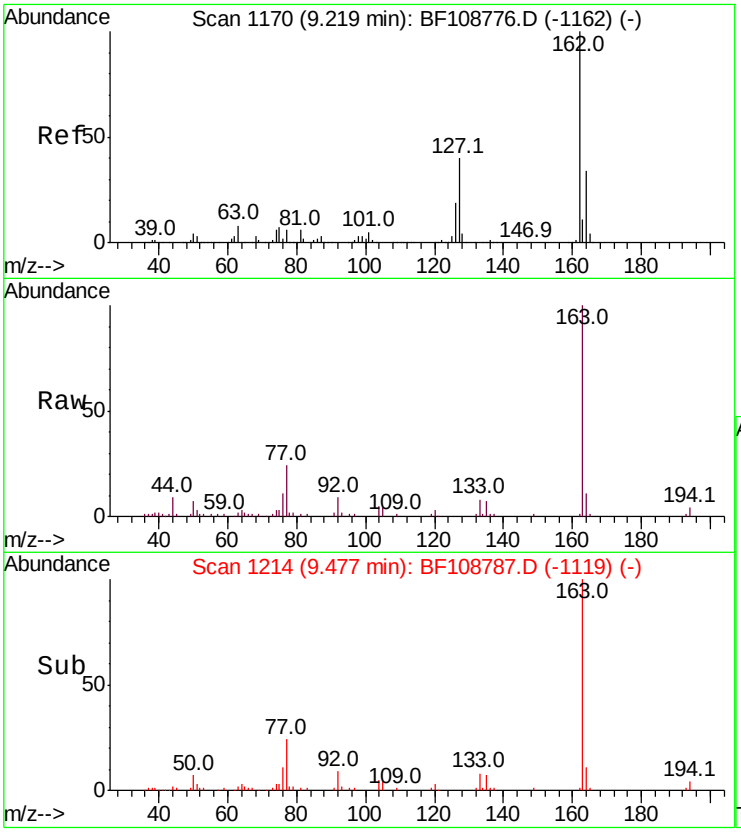


#45
1,1'-Biphenyl
Concen: 0.030 ng
RT: 9.19 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:154 Resp: 1123

Ion	Ratio	Lower	Upper
154	100		
153	44.6	21.3	61.3
76	0.0	0.0	34.0



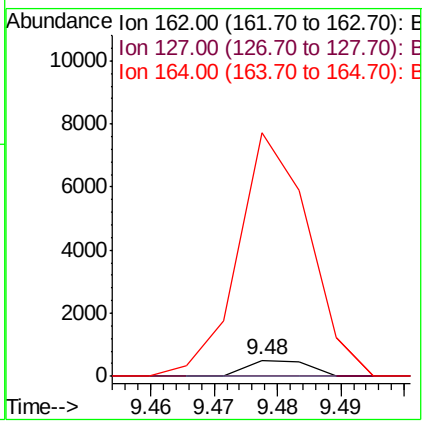


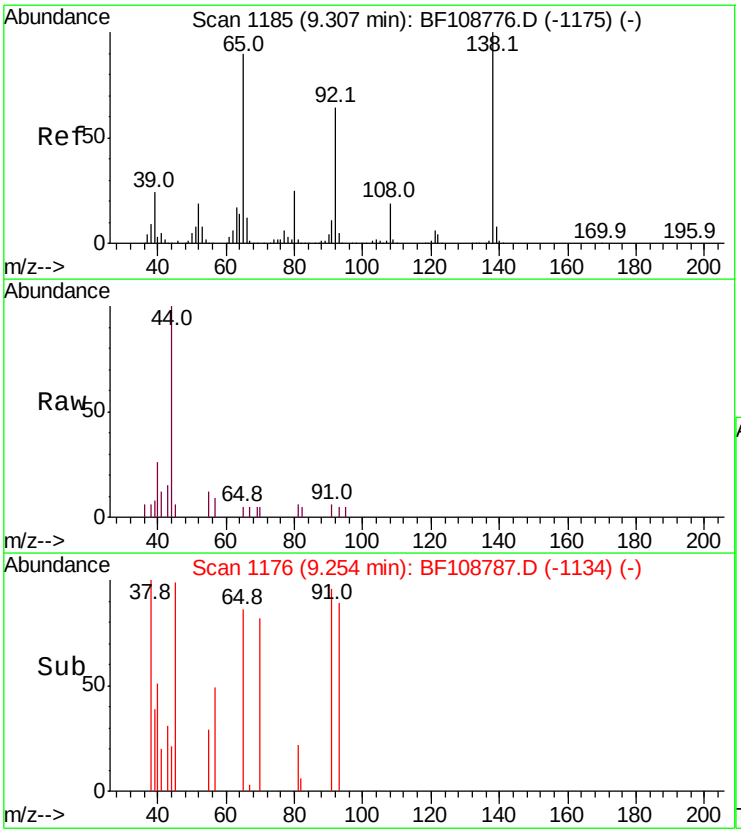
#46
2-Chloronaphthalene
Concen: 0.012 ng
RT: 9.48 min Scan# 1214
Delta R.T. 0.26 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 350

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	1490.0	26.5	39.7#

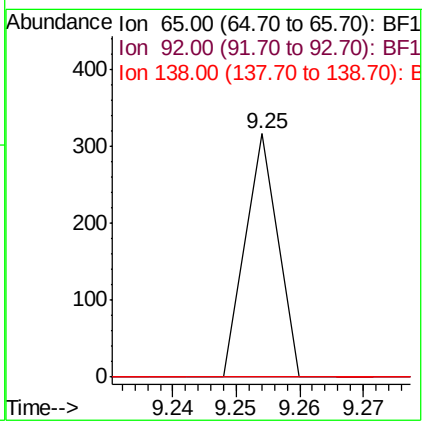


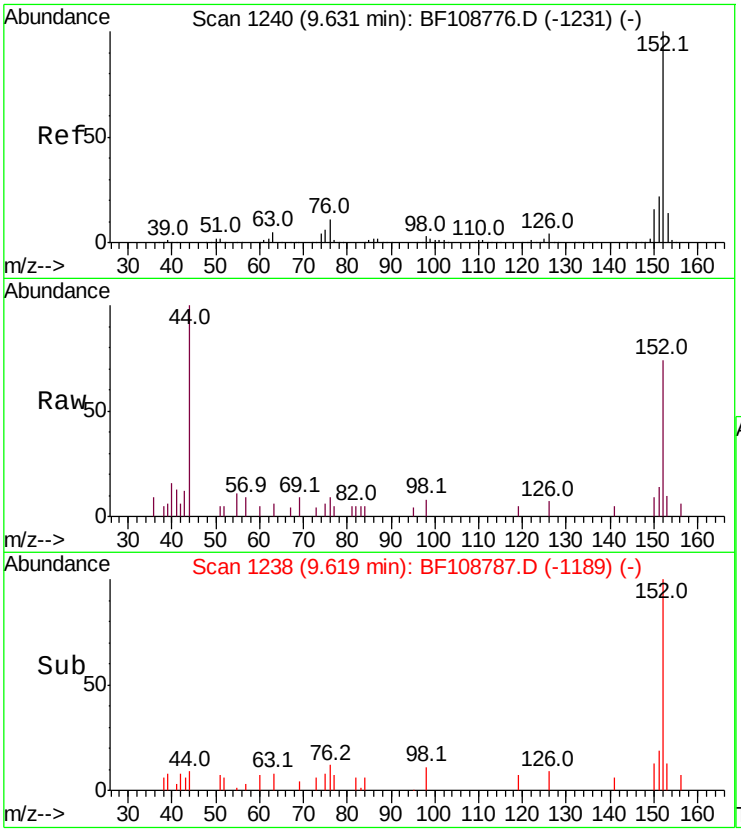


#47
2-Nitroaniline
Concen: 0.014 ng
RT: 9.25 min Scan# 1176
Delta R.T. -0.05 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 65 Resp: 112

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



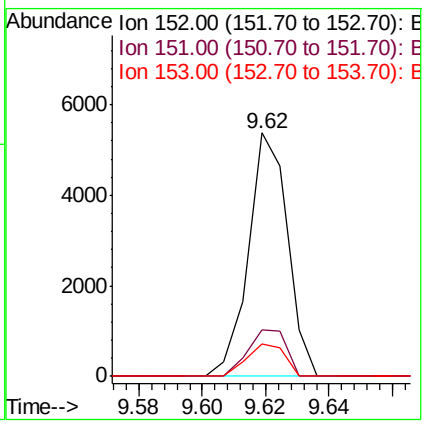


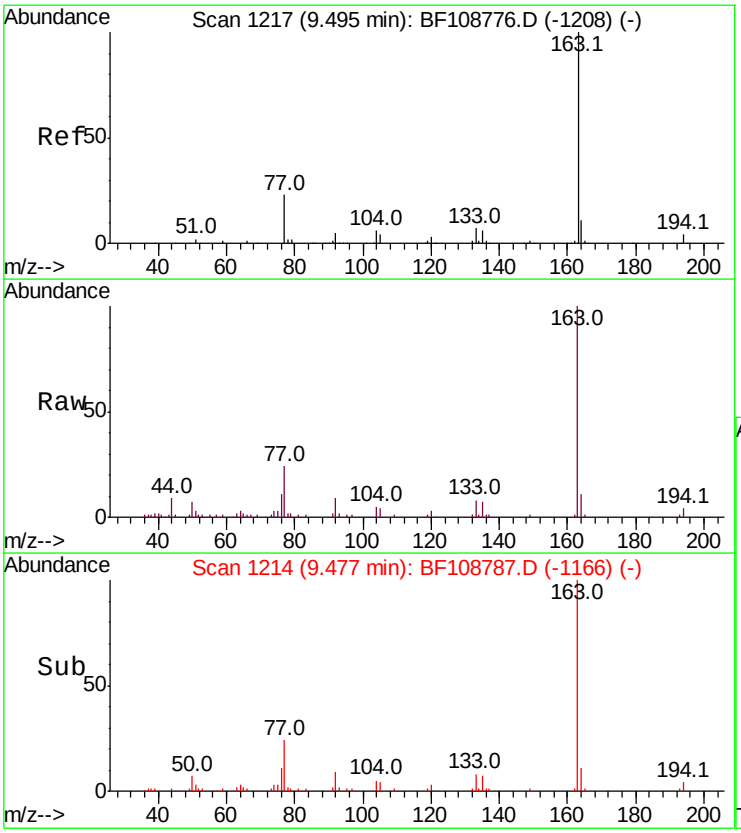
#48
Acenaphthylene
Concen: 0.103 ng
RT: 9.62 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 4594

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	13.3	10.7	16.1

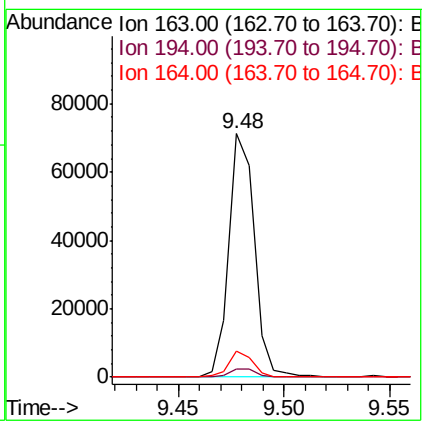


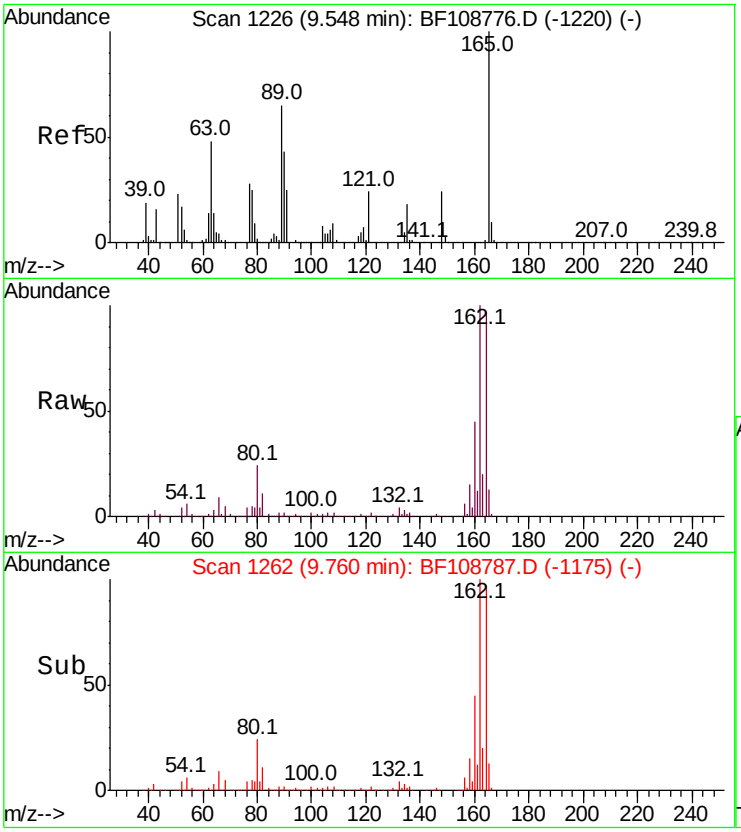


#49
Dimethylphthalate
Concen: 1.769 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:163 Resp: 59390

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.8	8.2	12.2



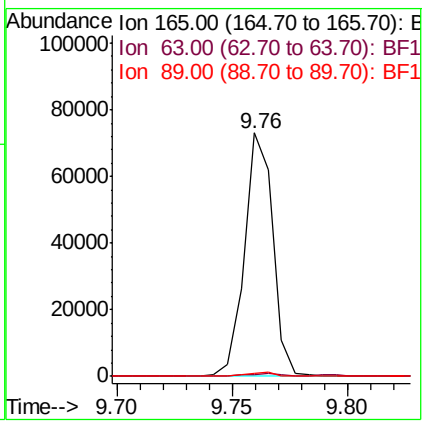


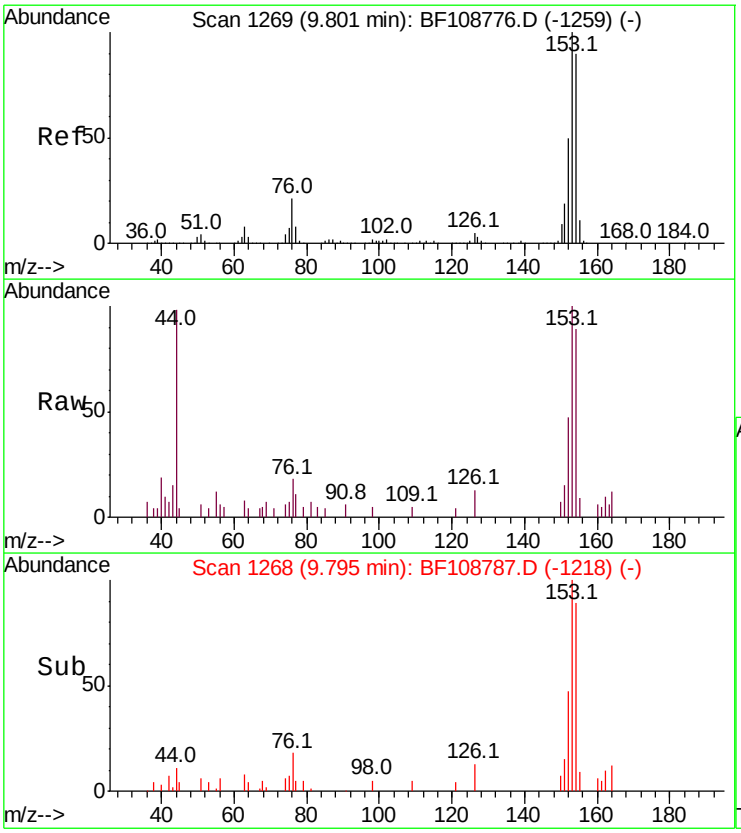
#50
2,6-Dinitrotoluene
Concen: 9.809 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.21 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 62761

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.5	44.0	66.0#

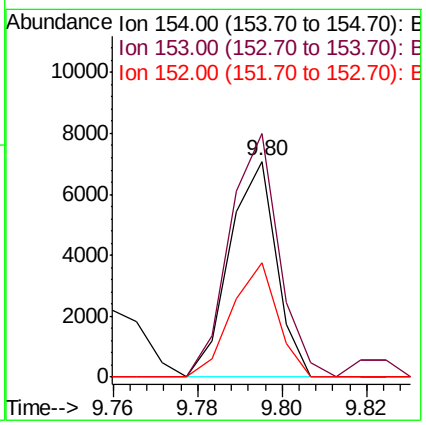


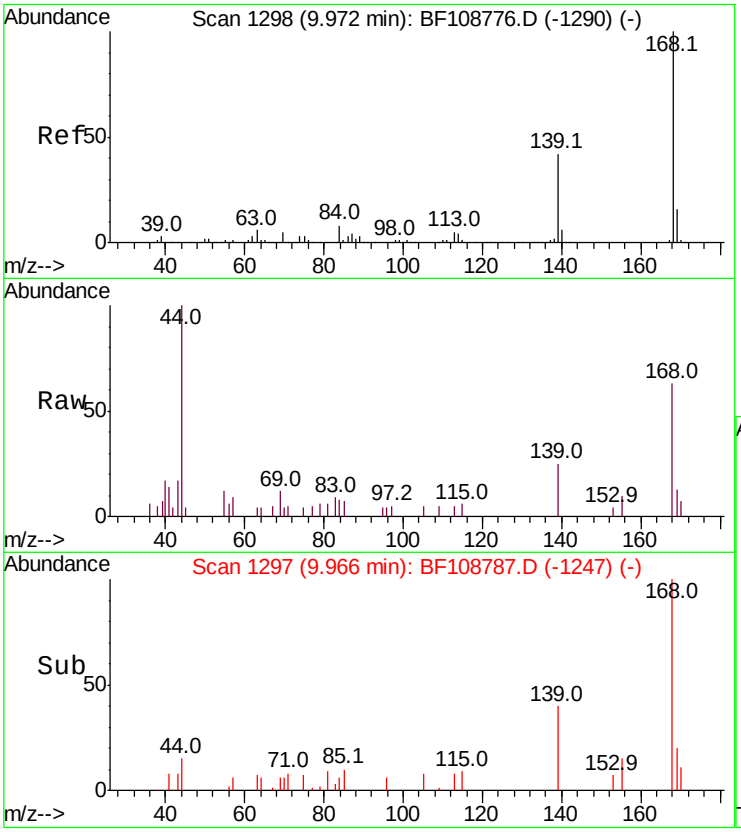


#51
Acenaphthene
Concen: 0.198 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:154 Resp: 5457

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	53.0	43.8	65.8



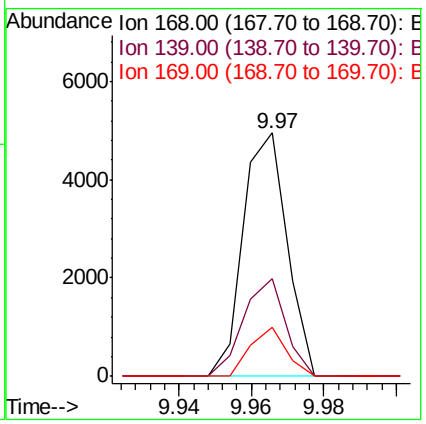


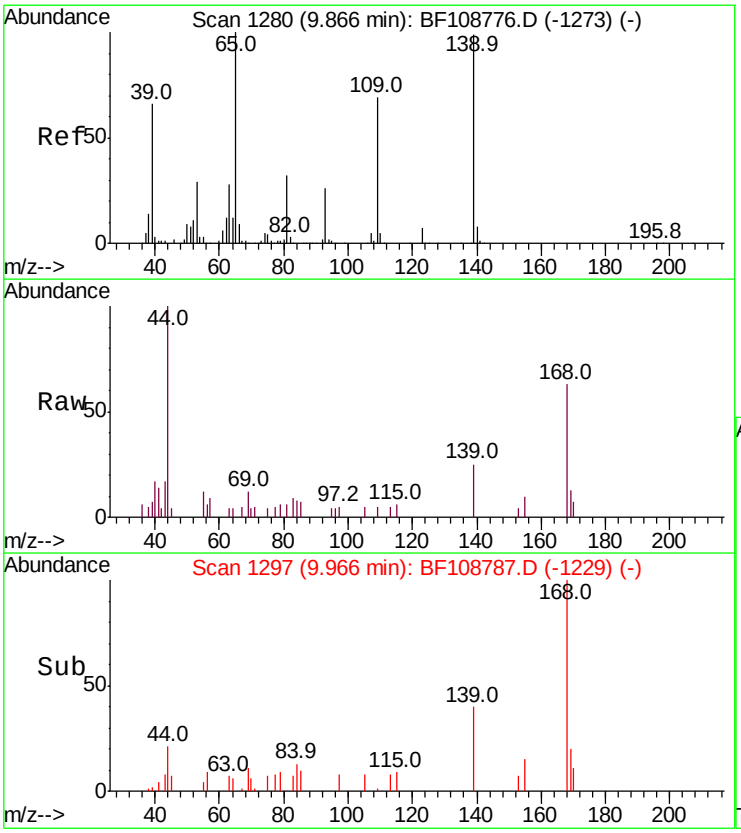
#54
Dibenzofuran
Concen: 0.104 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 4198

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	20.1	10.9	16.3#

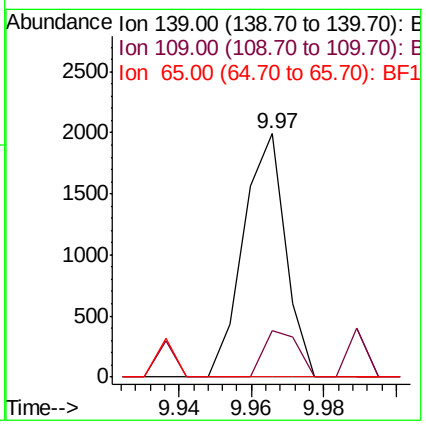


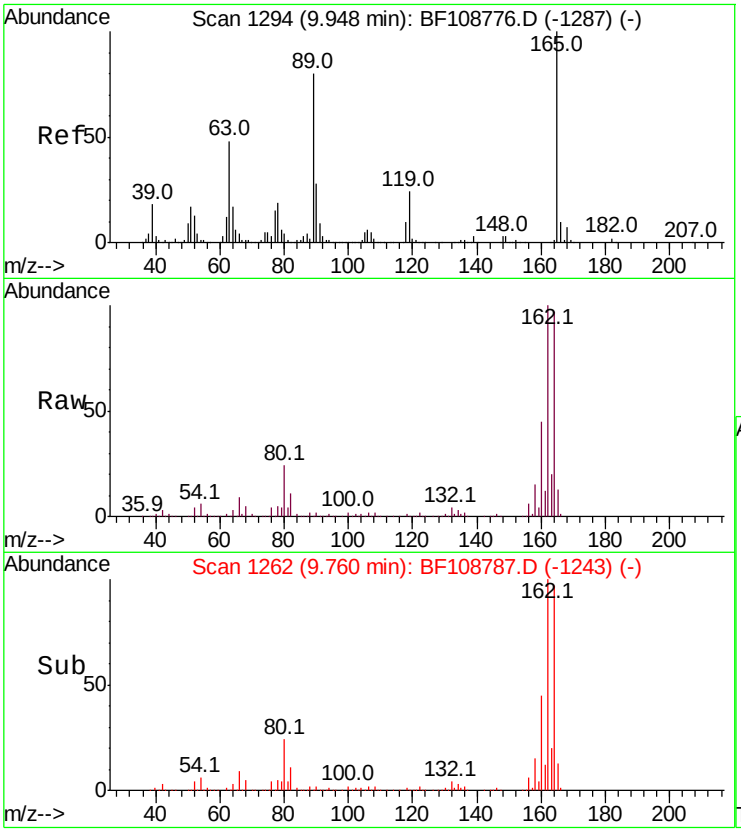


#55
4-Nitrophenol
Concen: 0.284 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.10 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:139 Resp: 1616

Ion	Ratio	Lower	Upper
139	100		
109	19.1	48.4	88.4#
65	0.0	72.6	112.6#



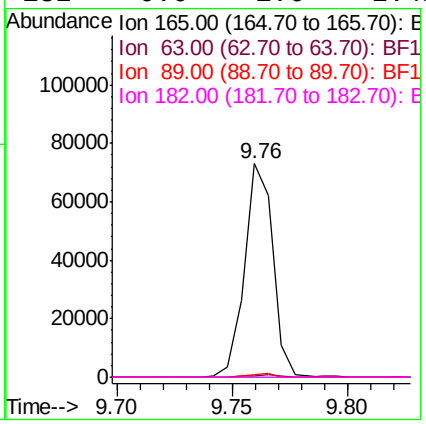


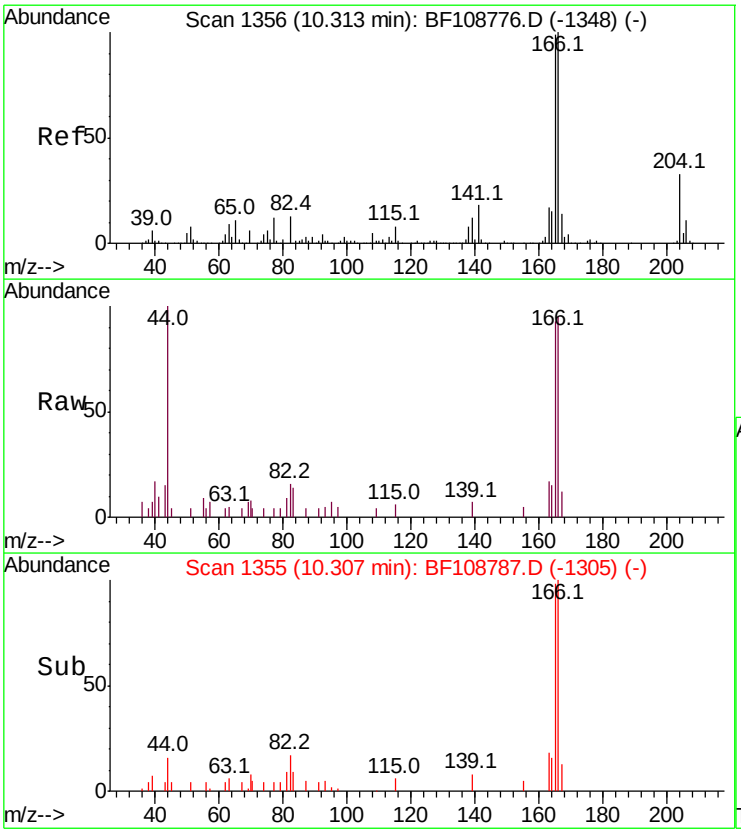
#56
2,4-Dinitrotoluene
Concen: 7.671 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.19 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 62761

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

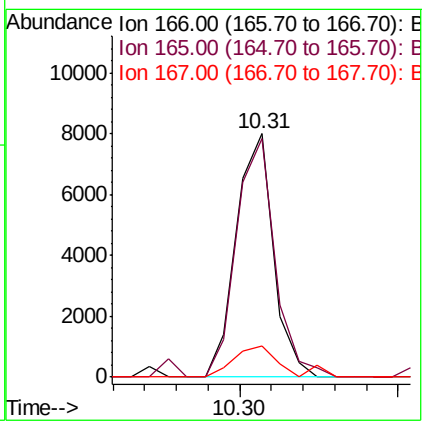


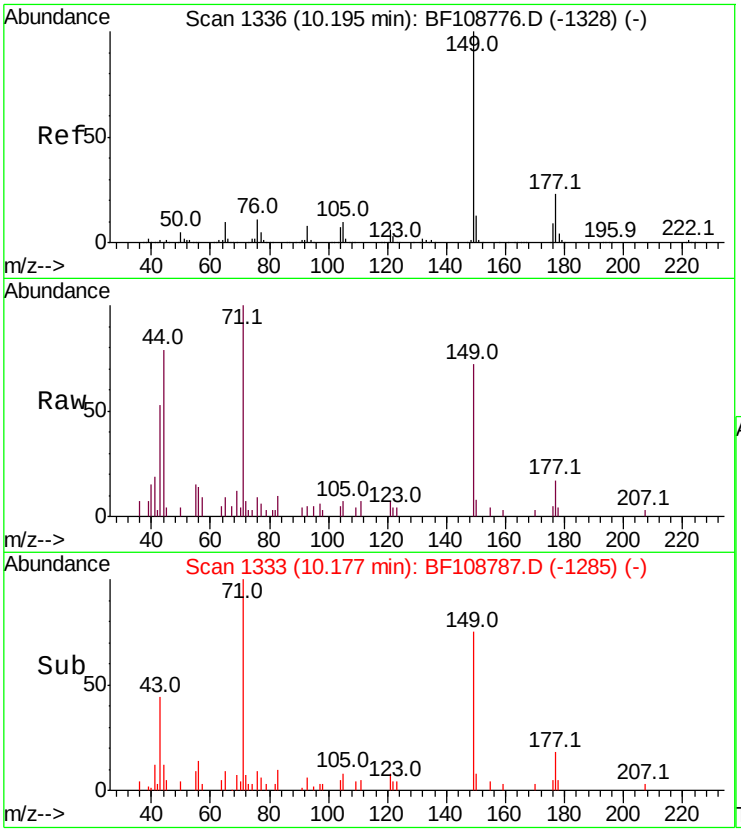


#57
Fluorene
Concen: 0.251 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:166 Resp: 6484

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	12.8	10.6	16.0



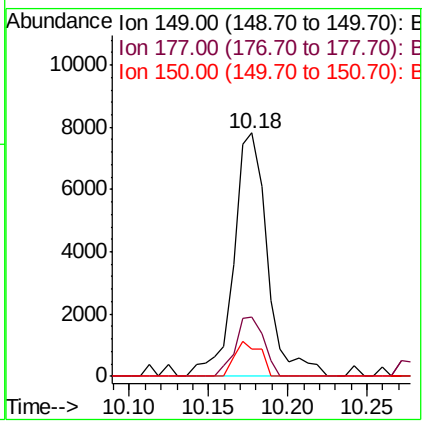


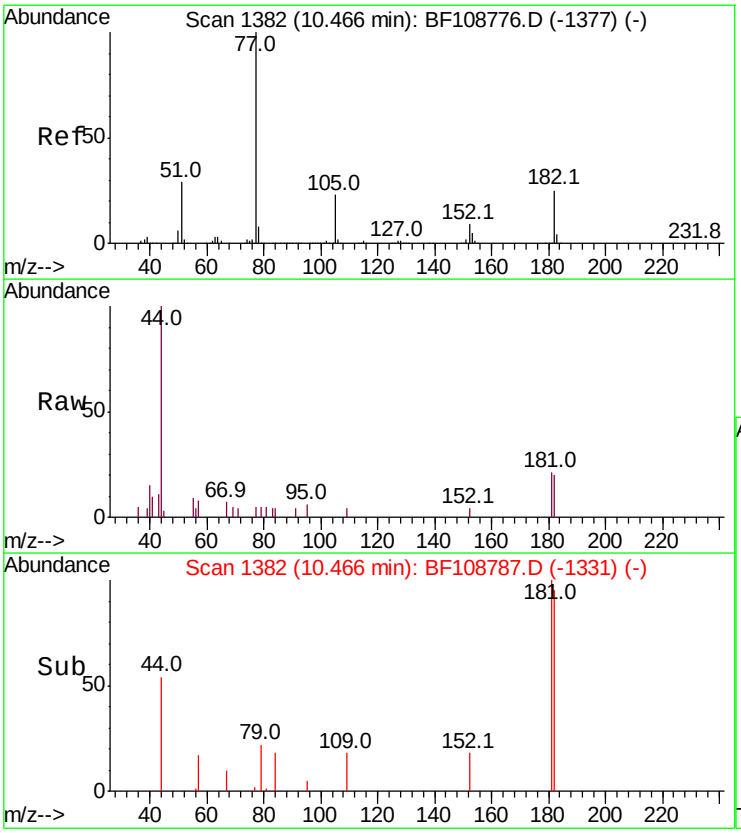
#59
Diethylphthalate
Concen: 0.332 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 11500

Ion	Ratio	Lower	Upper
149	100		
177	24.2	16.1	24.1#
150	11.2	10.1	15.1

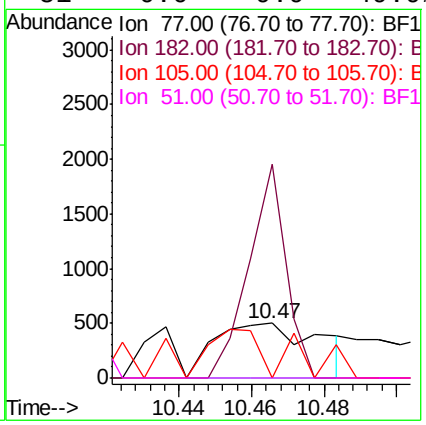


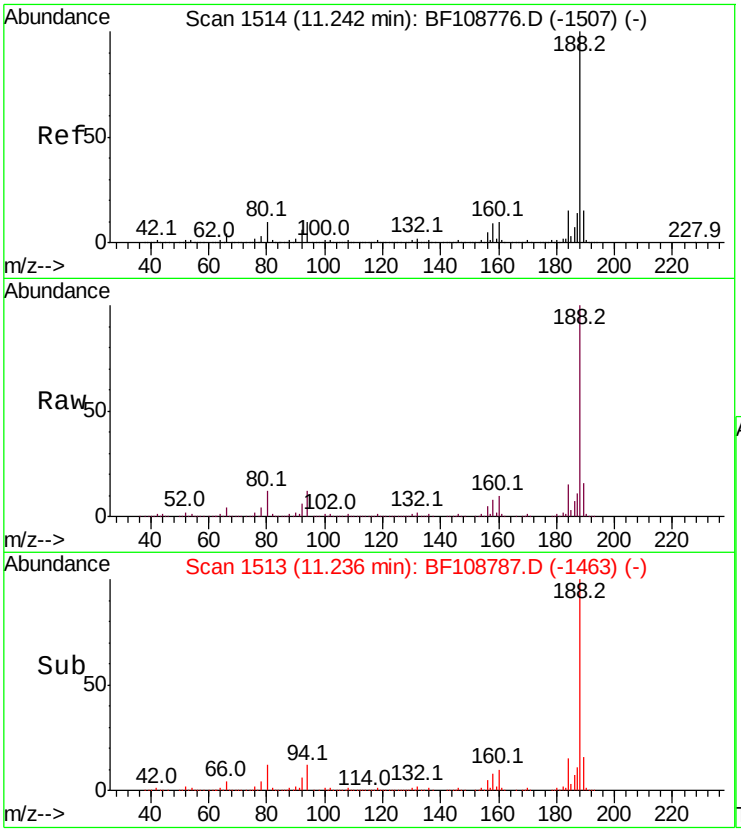


#62
Azobenzene
Concen: 0.028 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion: 77 Resp: 1002

Ion	Ratio	Lower	Upper
77	100		
182	389.8	1.7	41.7#
105	0.0	3.0	43.0#
51	0.0	9.9	49.9#



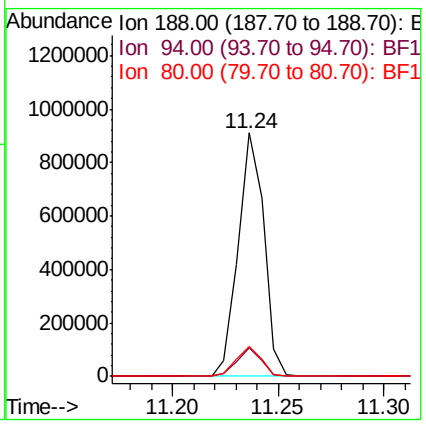


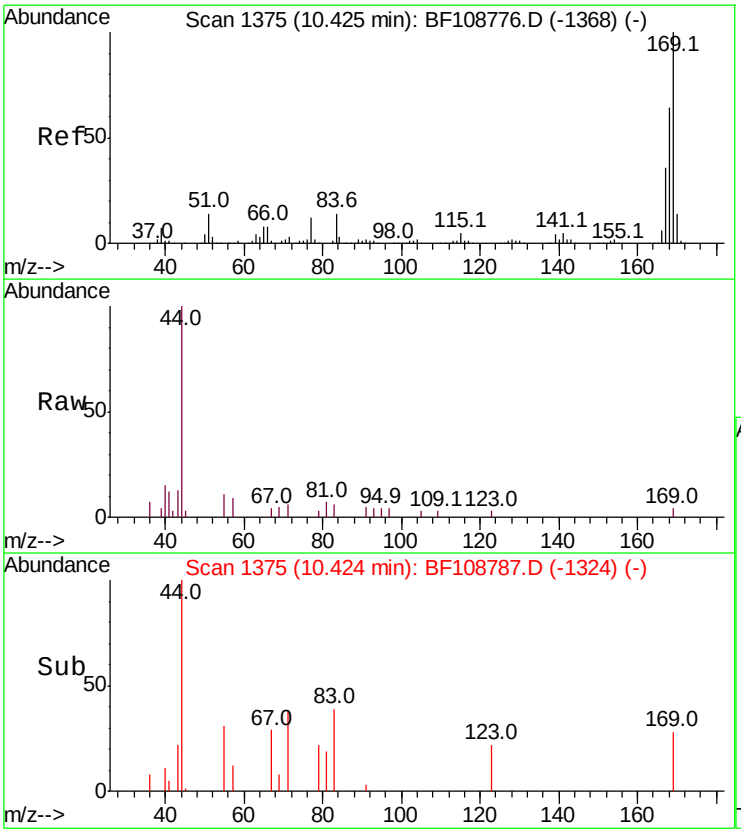
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 765029

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.0	9.2	13.8

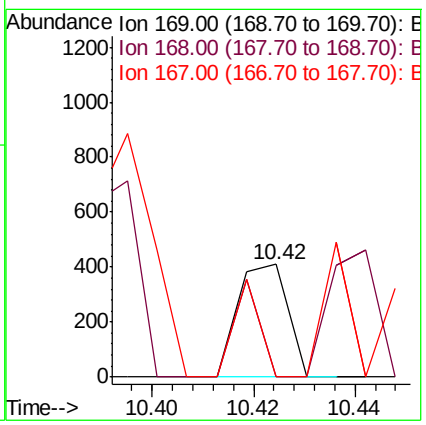


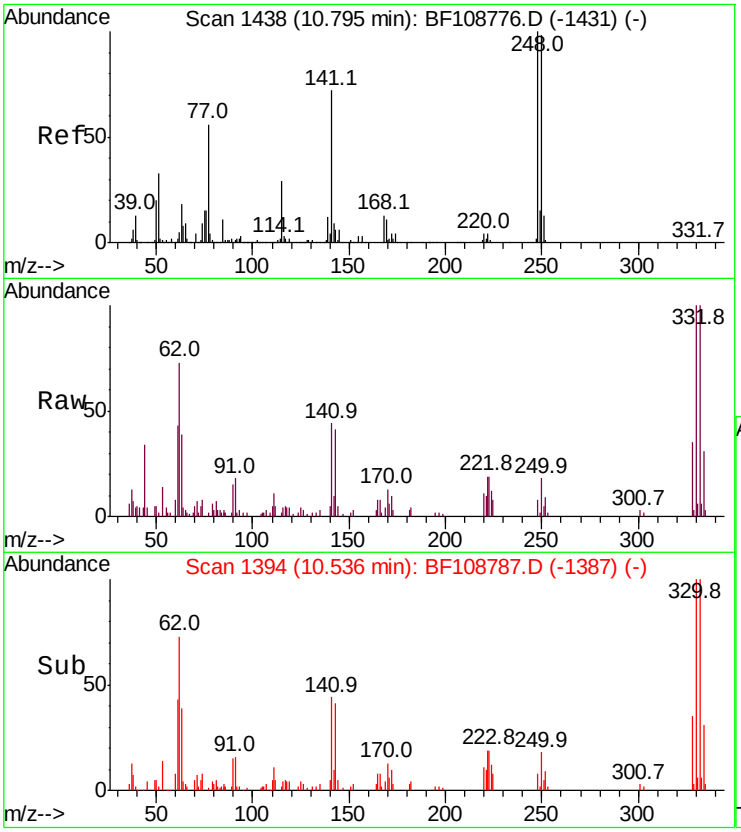


#65
n-Nitrosodiphenylamine
Concen: 0.011 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:169 Resp: 280

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.4	81.6#
167	0.0	29.8	44.6#



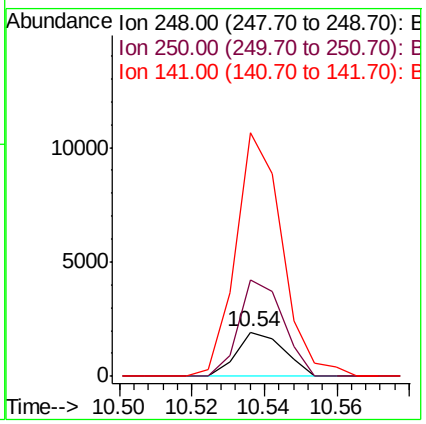


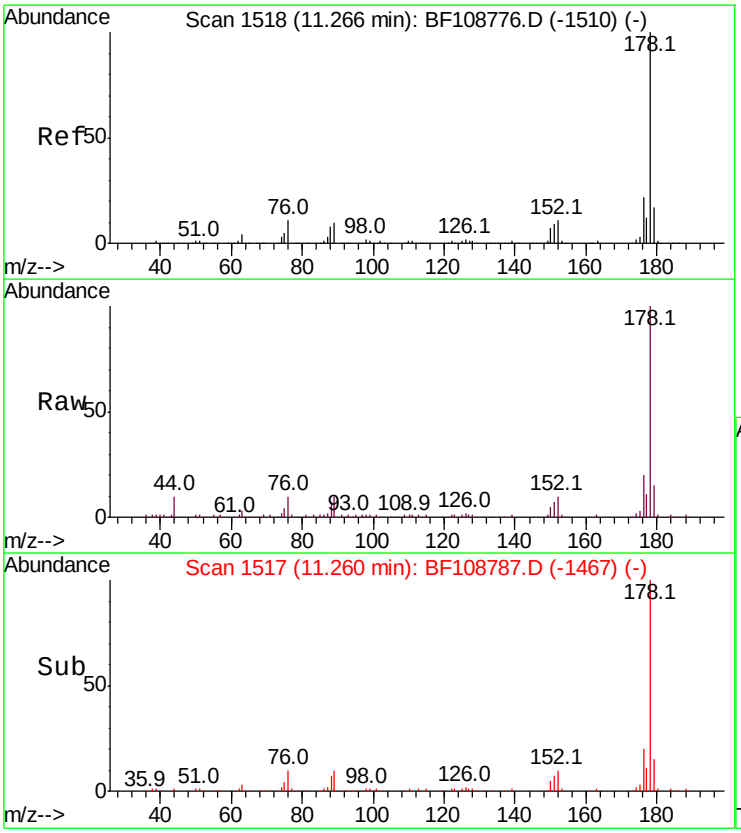
#66
4-Bromophenyl-phenylether
Concen: 0.201 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.26 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 1736

Ion	Ratio	Lower	Upper
248	100		
250	217.6	76.9	115.3#
141	548.6	74.4	111.6#

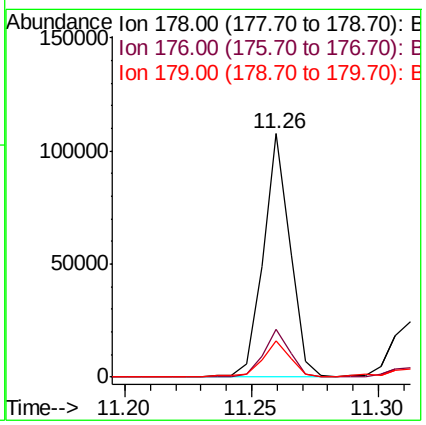


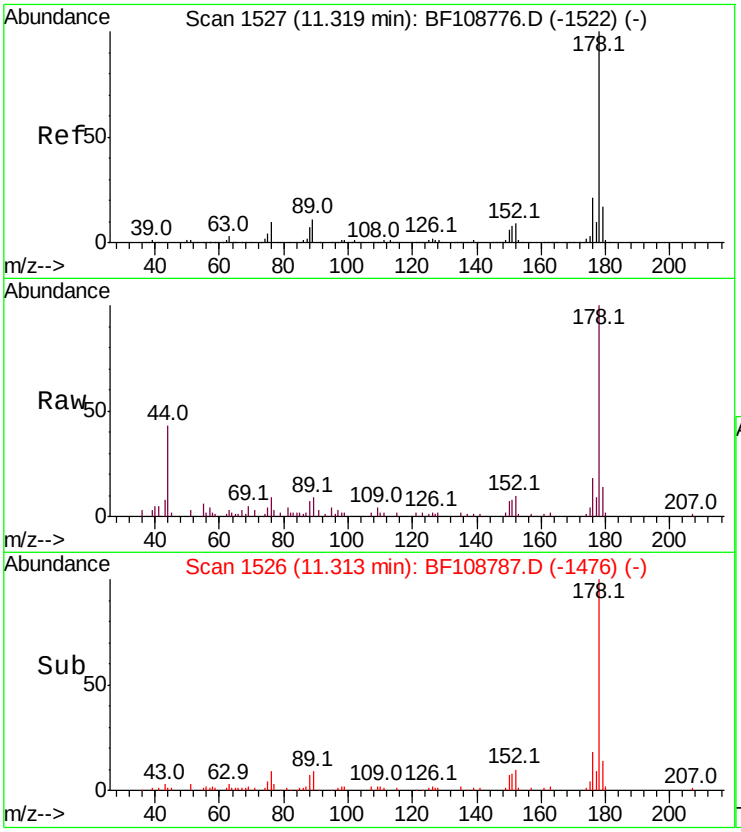


#70
Phenanthrene
Concen: 2.184 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:178 Resp: 79785

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.1	13.0	19.6



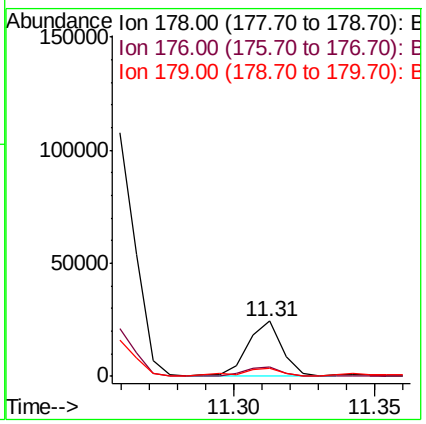


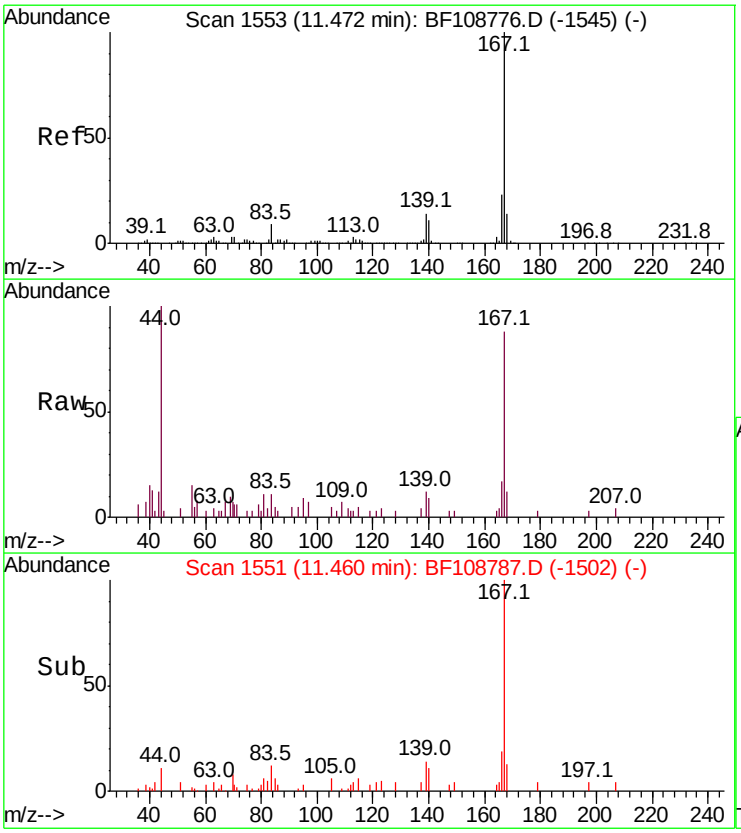
#71
Anthracene
Concen: 0.575 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 20106

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.3	12.6	19.0

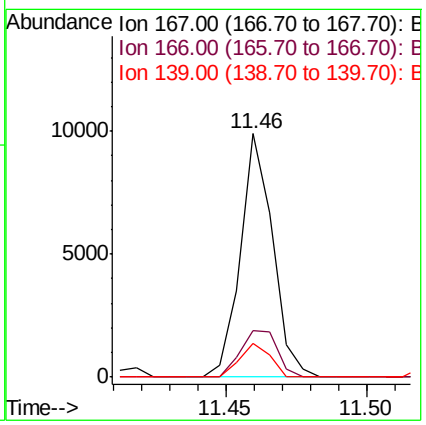


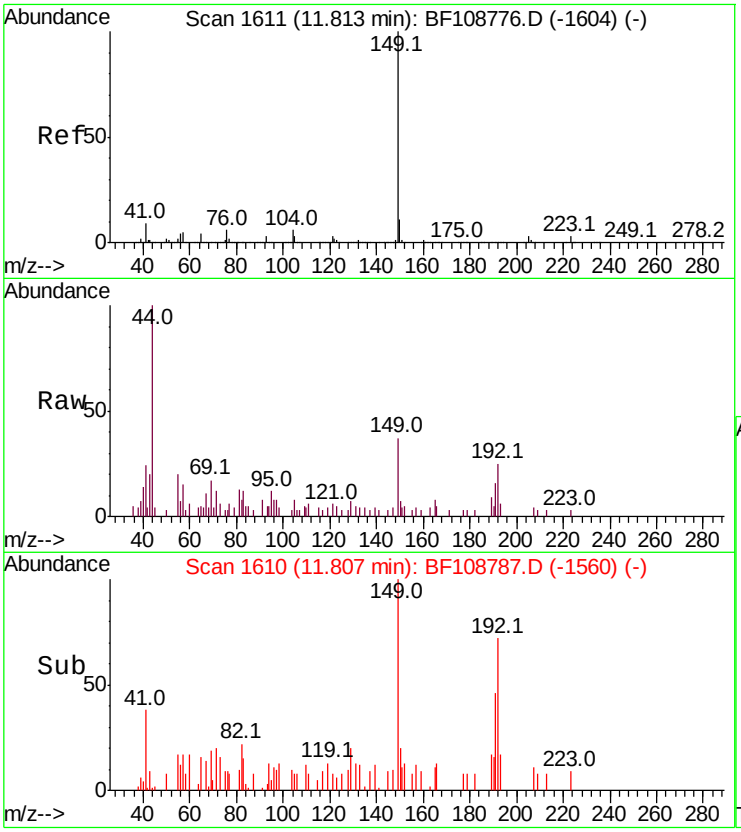


#72
Carbazole
Concen: 0.213 ng
RT: 11.46 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:167 Resp: 7844

Ion	Ratio	Lower	Upper
167	100		
166	18.9	17.6	26.4
139	13.6	10.9	16.3



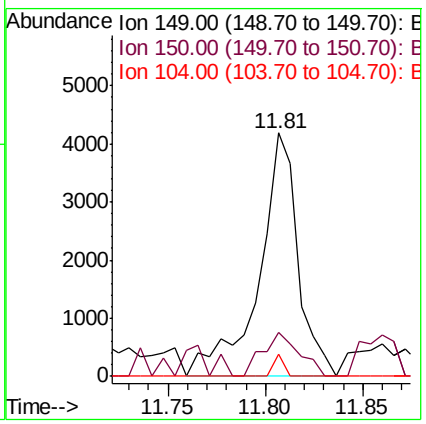


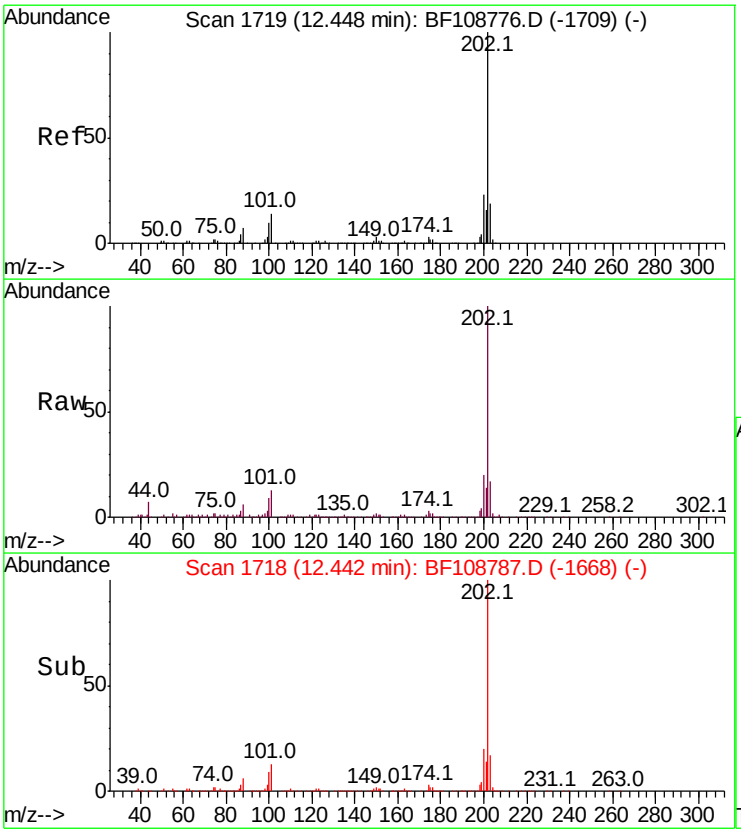
#73
Di-n-butylphthalate
Concen: 0.142 ng
RT: 11.81 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5792

Ion	Ratio	Lower	Upper
149	100		
150	18.0	7.8	11.6#
104	9.4	3.8	5.8#

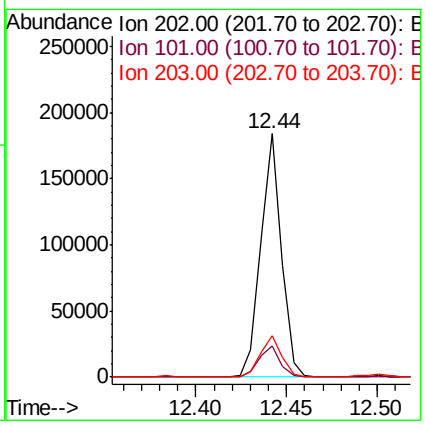


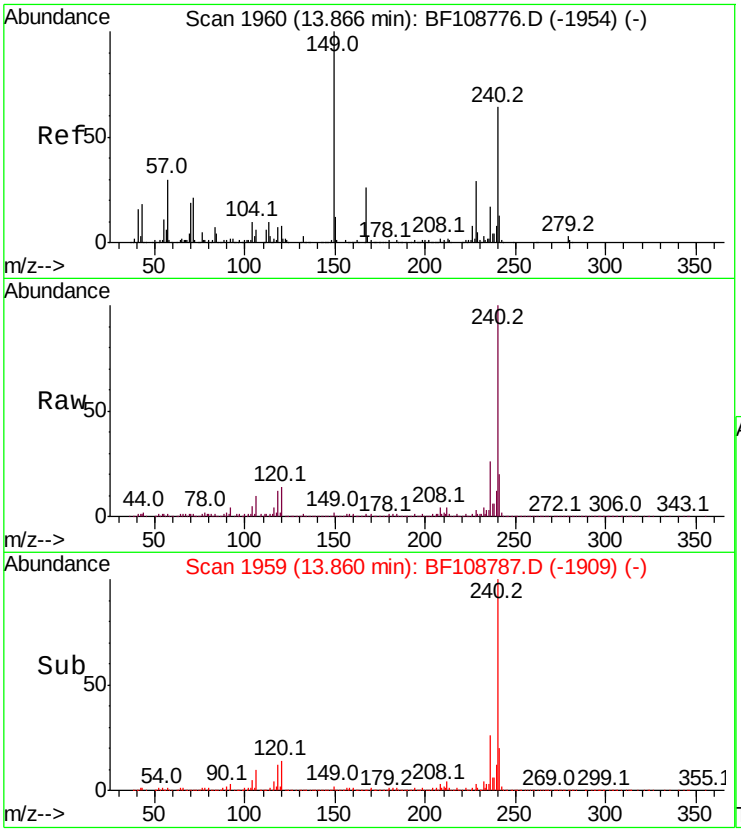


#74
Fluoranthene
Concen: 4.058 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:202 Resp: 146797

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.1	0.0	38.1



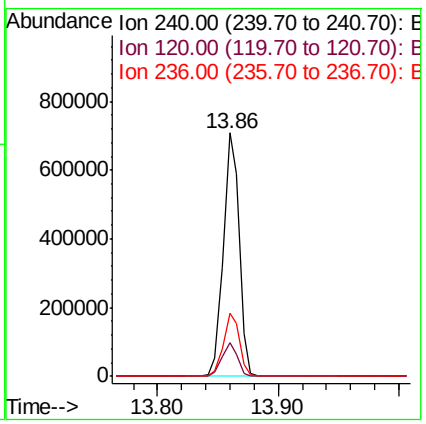


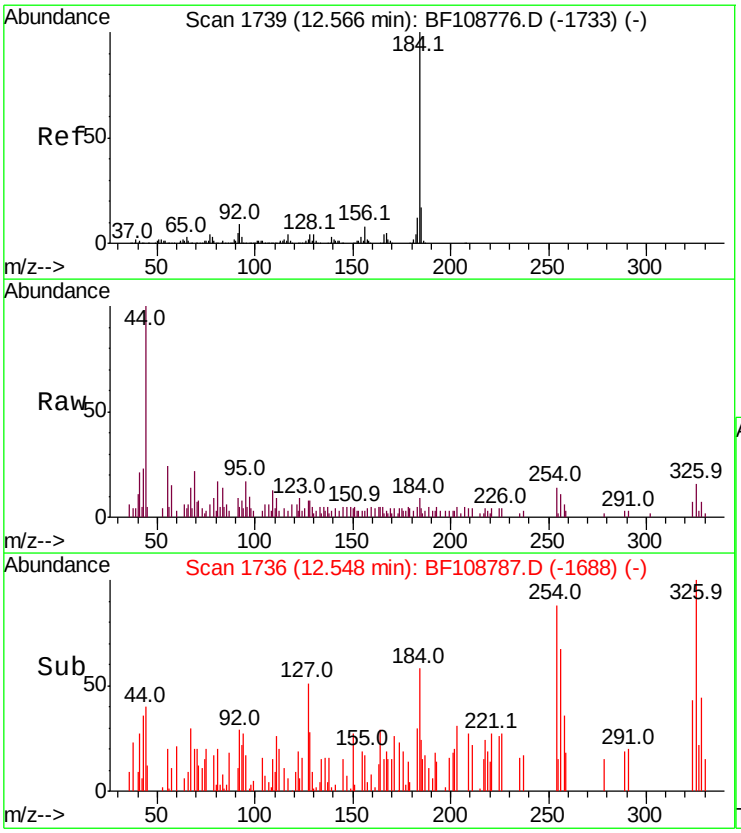
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 638080

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.8	20.7	31.1

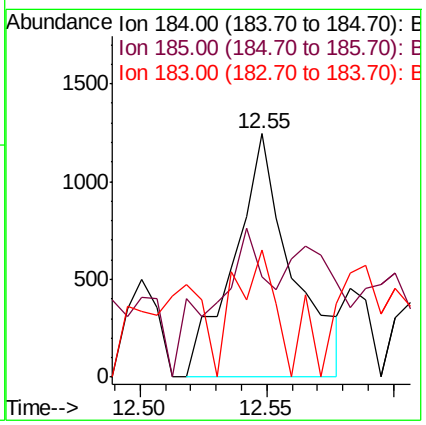


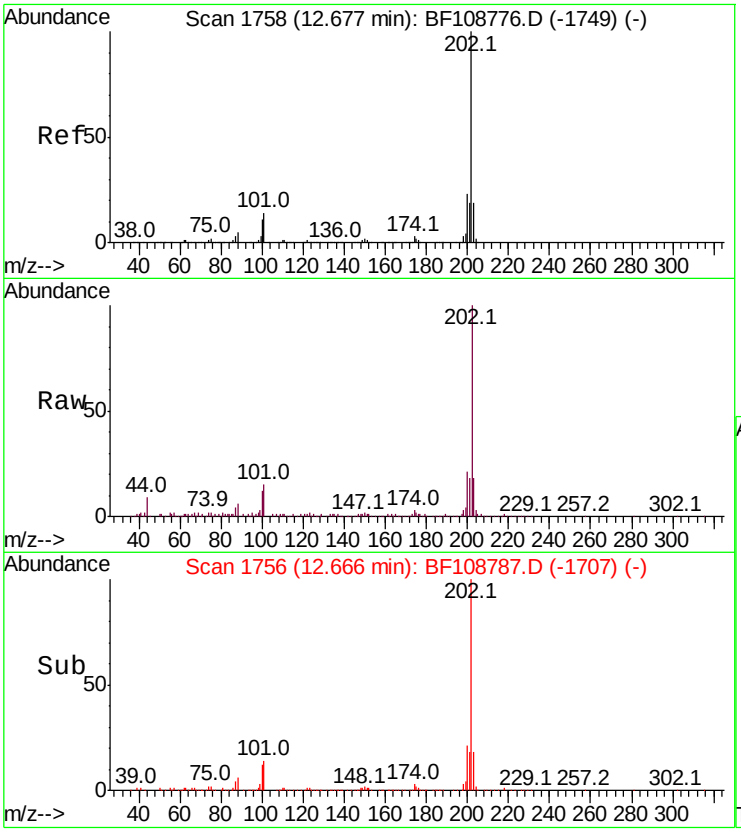


#76
Benzidine
Concen: 0.066 ng
RT: 12.55 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:184 Resp: 1987

Ion	Ratio	Lower	Upper
184	100		
185	41.0	12.6	18.8#
183	52.3	9.3	13.9#



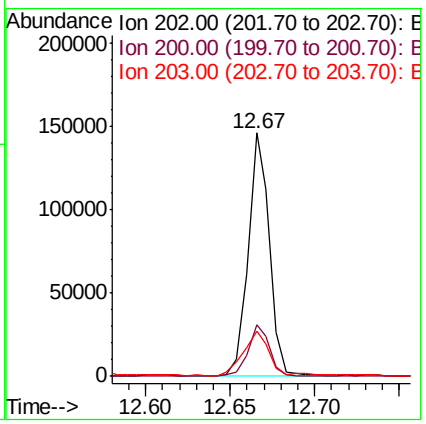


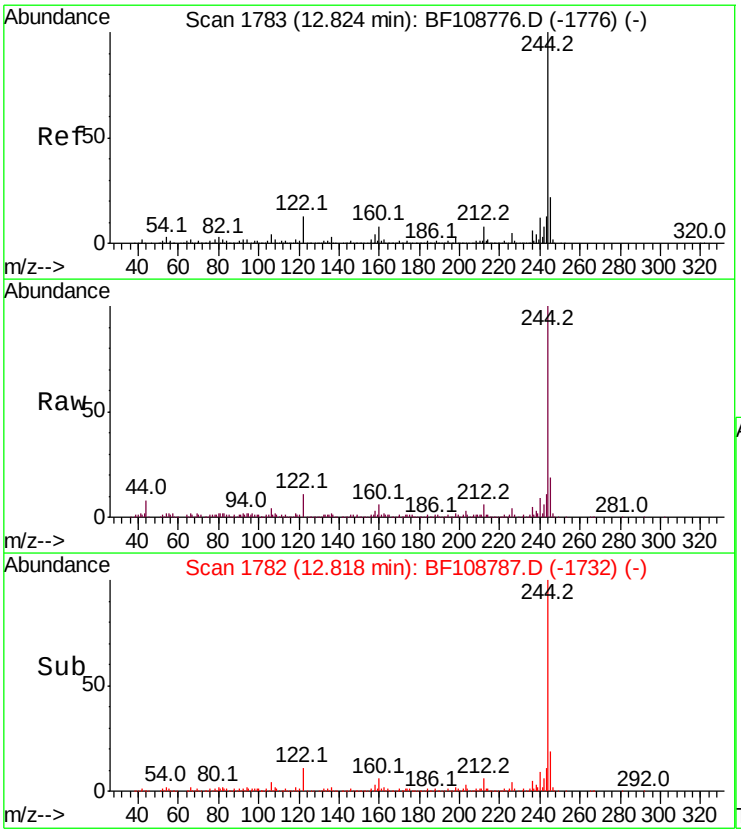
#77
Pyrene
Concen: 2.588 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 127049

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.5	14.3	21.5

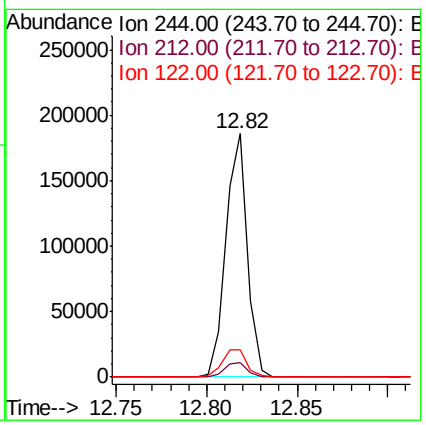


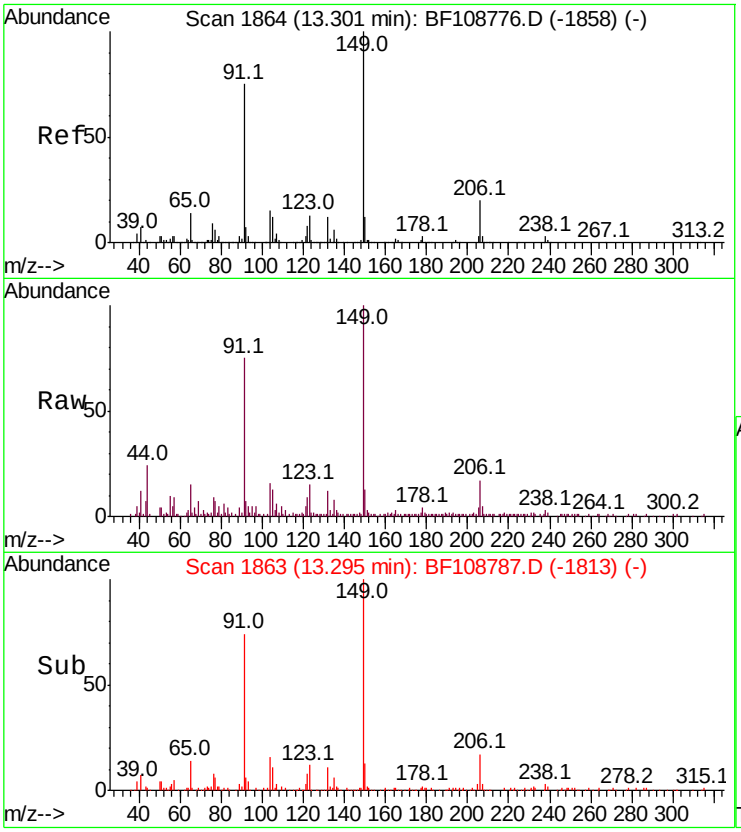


#78
Terphenyl-d14
Concen: 5.597 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:244 Resp: 153152

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.1	11.0	16.4



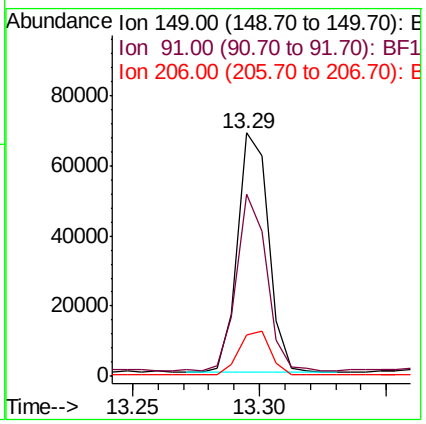


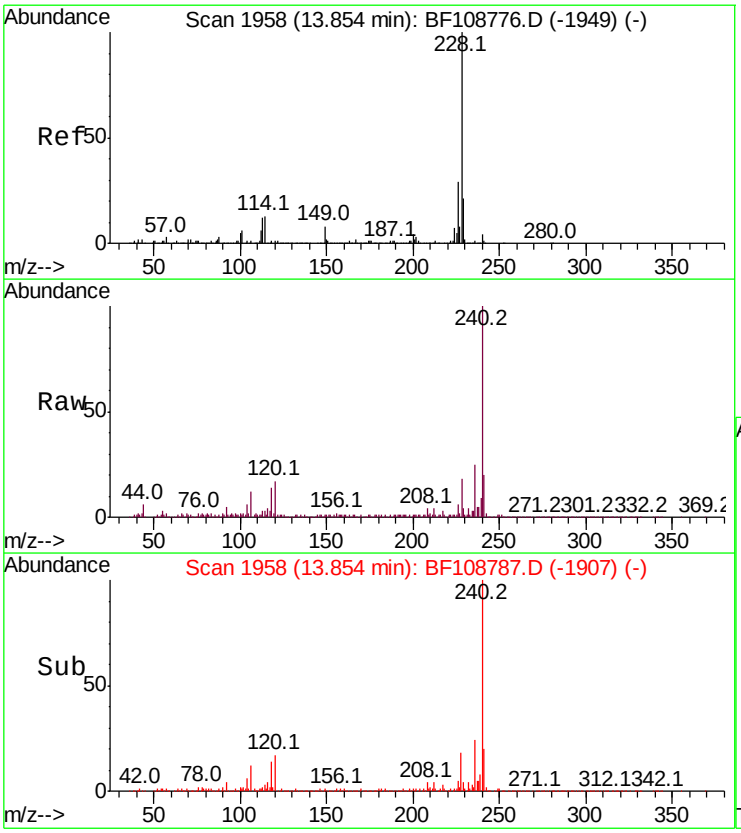
#79
Butylbenzylphthalate
Concen: 2.623 ng
RT: 13.29 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 58004

Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.8	85.2
206	16.9	14.1	21.1

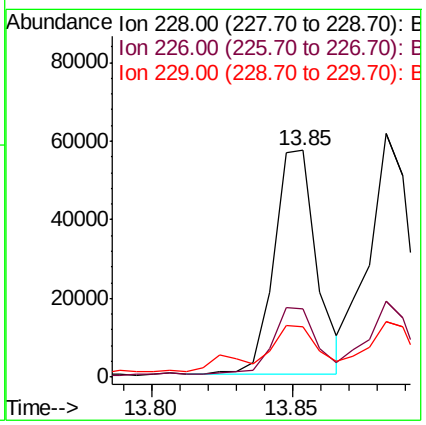


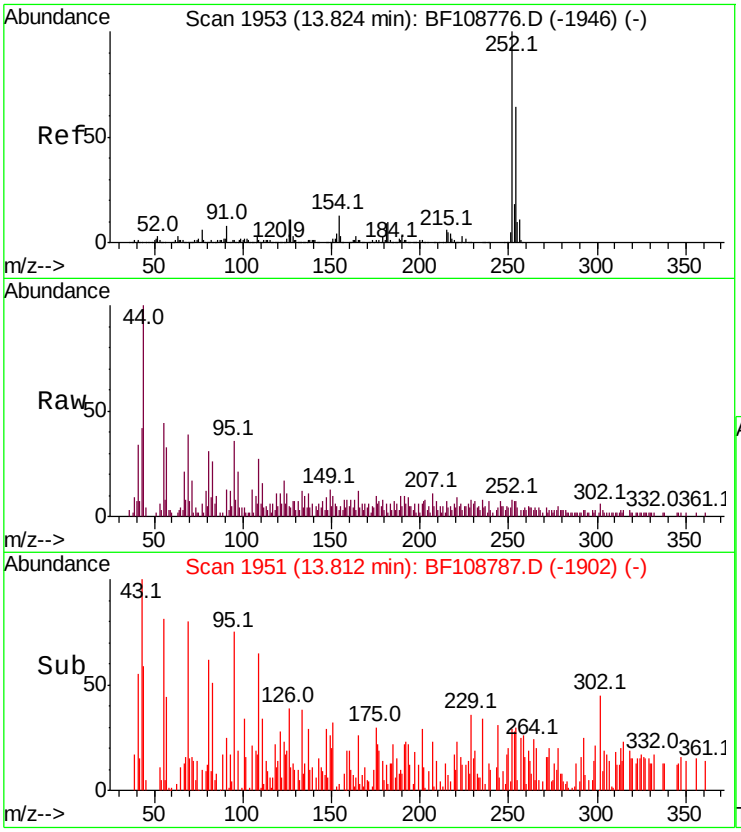


#80
Benzo(a)anthracene
Concen: 1.466 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:228 Resp: 59974

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.3	15.8	23.6



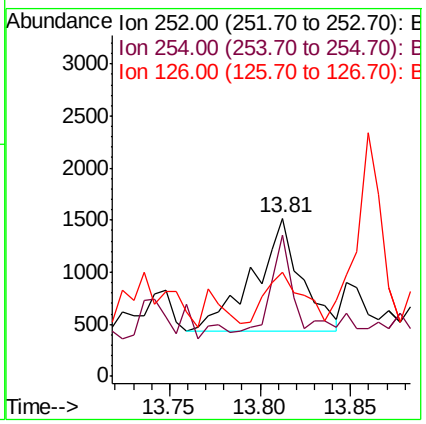


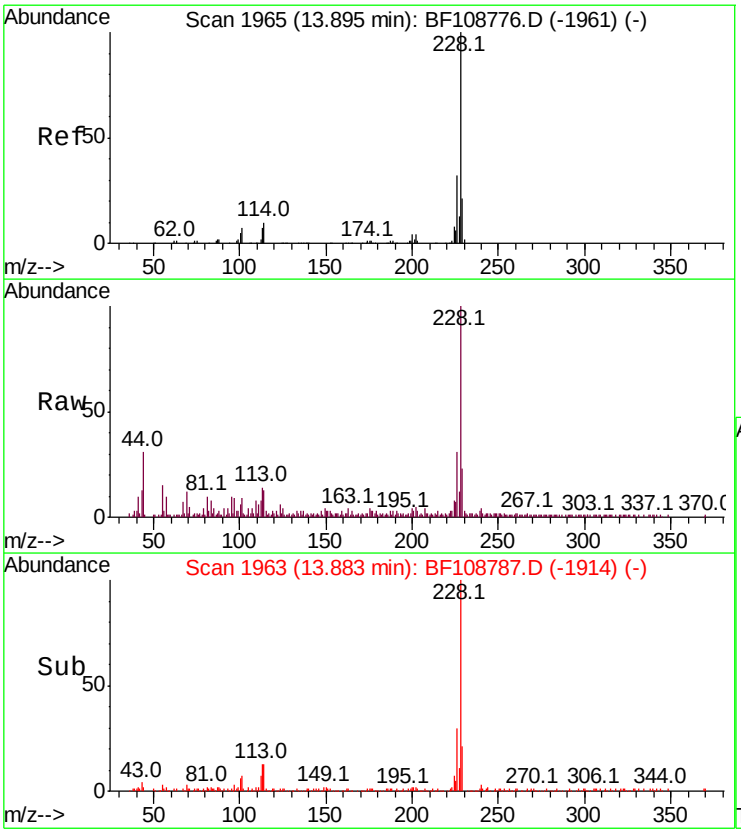
#81
3,3'-Dichlorobenzidine
Concen: 0.123 ng
RT: 13.81 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1962

Ion	Ratio	Lower	Upper
252	100		
254	89.3	50.4	75.6#
126	65.6	11.3	16.9#

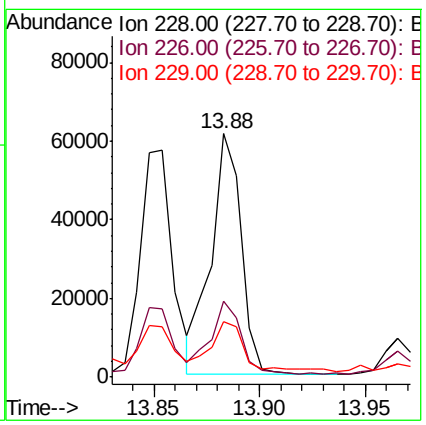


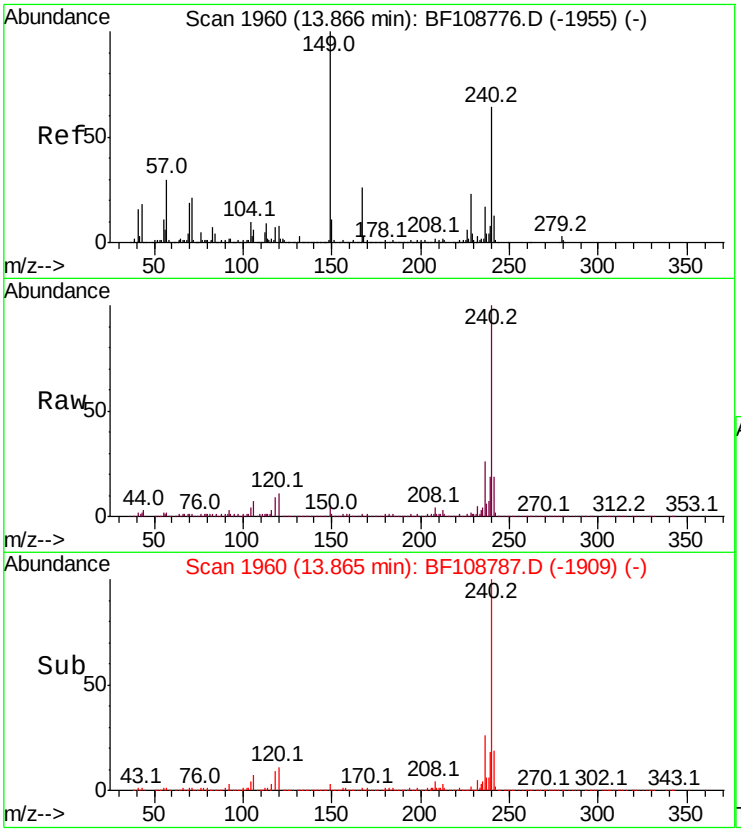


#82
Chrysene
Concen: 1.545 ng
RT: 13.88 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:228 Resp: 61160

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.9	16.2	24.4



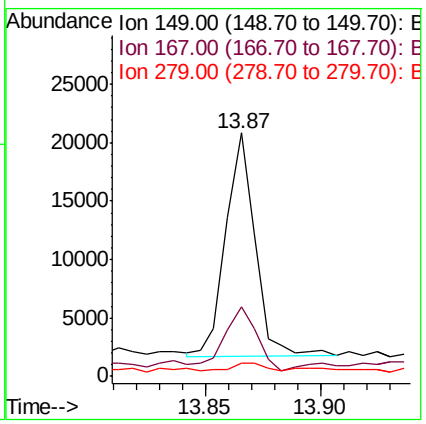


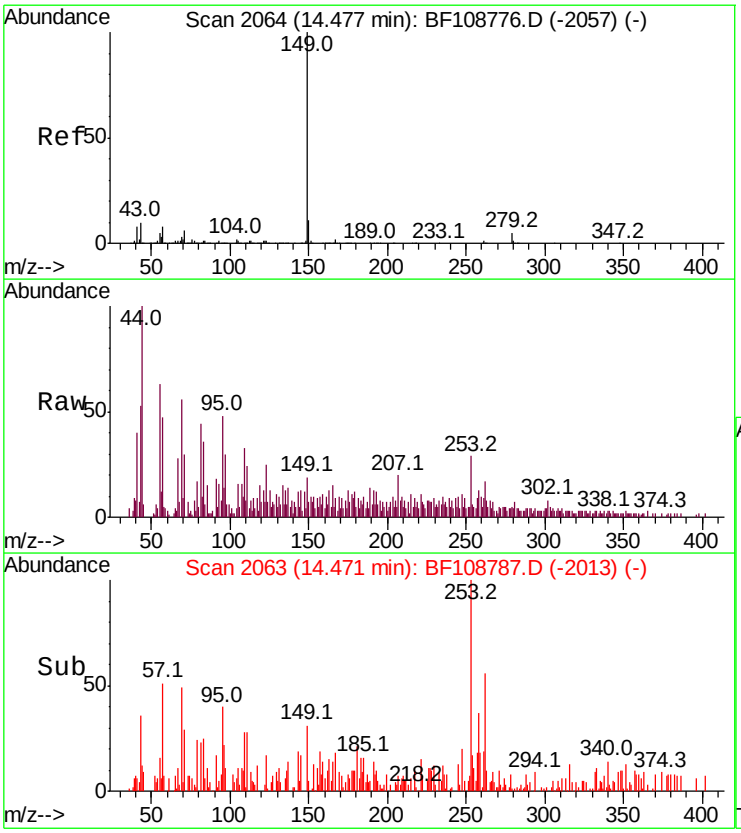
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.605 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16799

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	5.6	3.0	4.4#

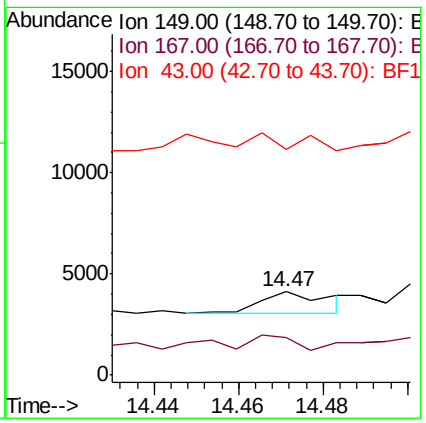


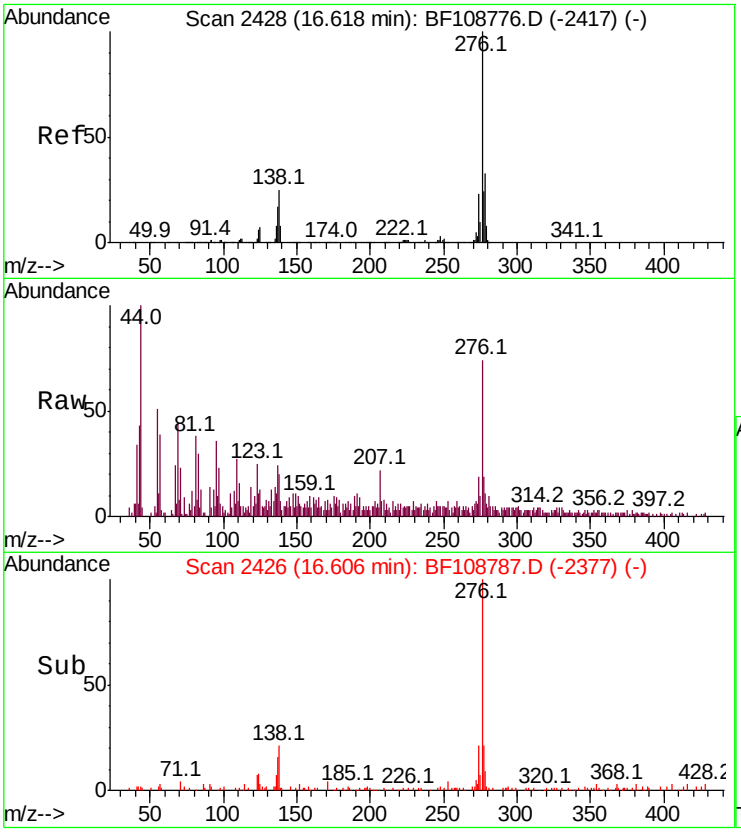


#84
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 14.47 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:149 Resp: 1213

Ion	Ratio	Lower	Upper
149	100		
167	65.5	1.2	1.8#
43	0.0	8.4	12.6#



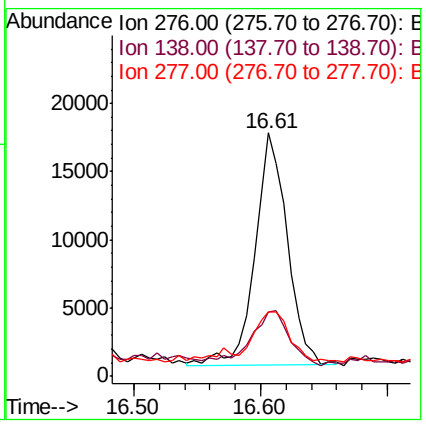


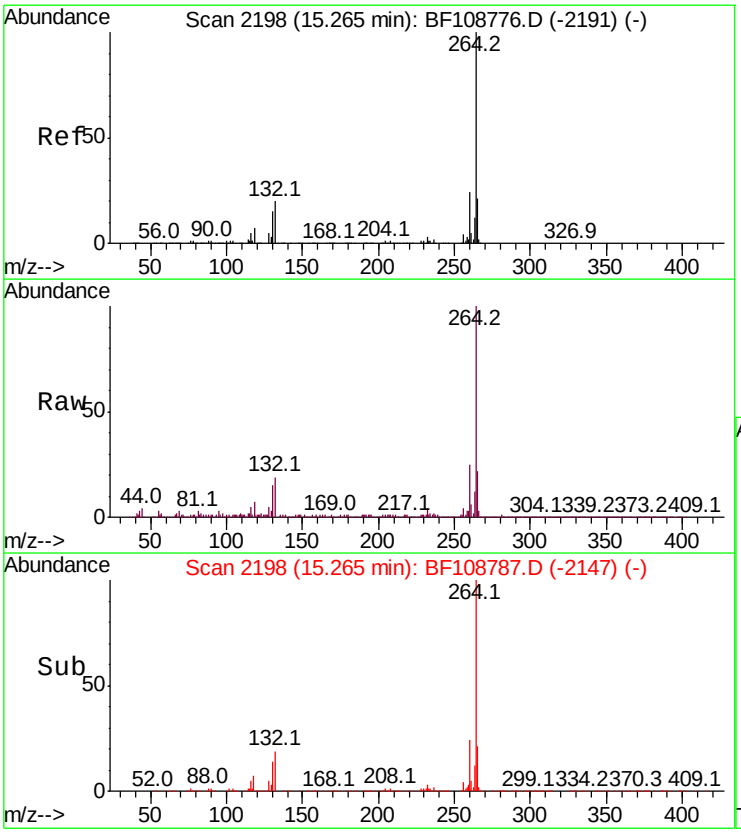
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.858 ng
RT: 16.61 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30047

Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	23.3	20.1	30.1

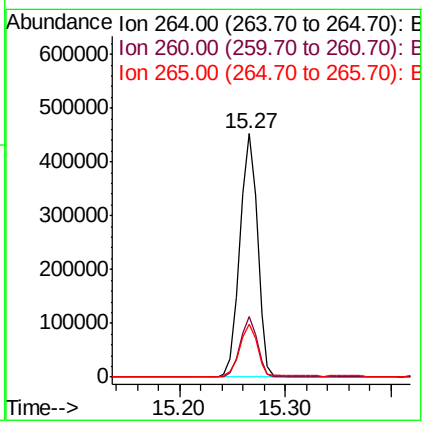


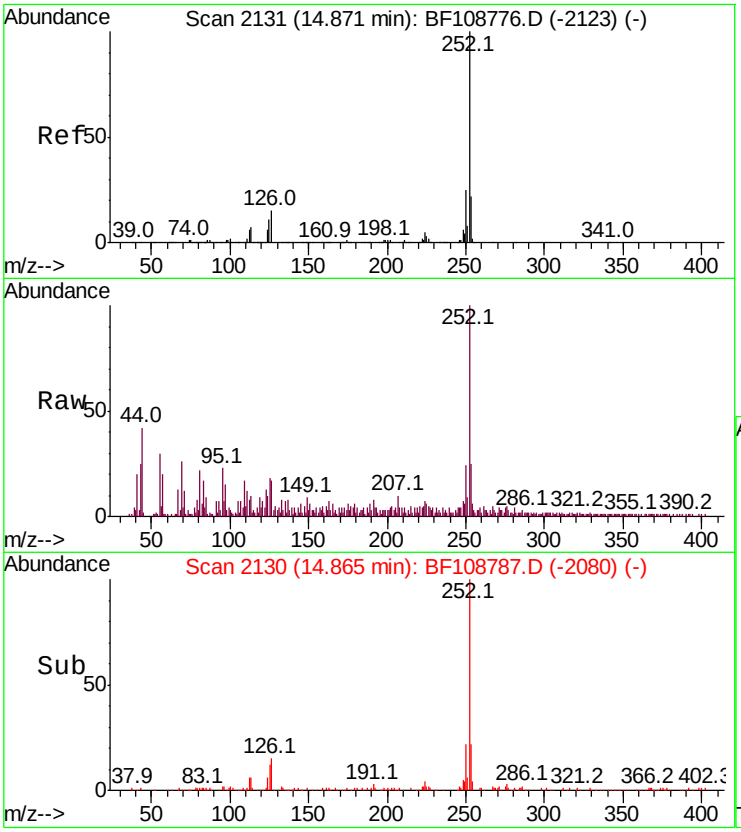


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:264 Resp: 517360

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3



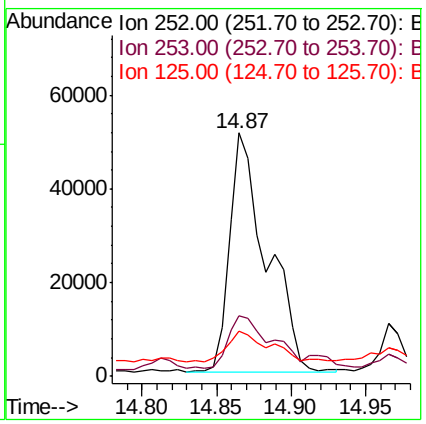


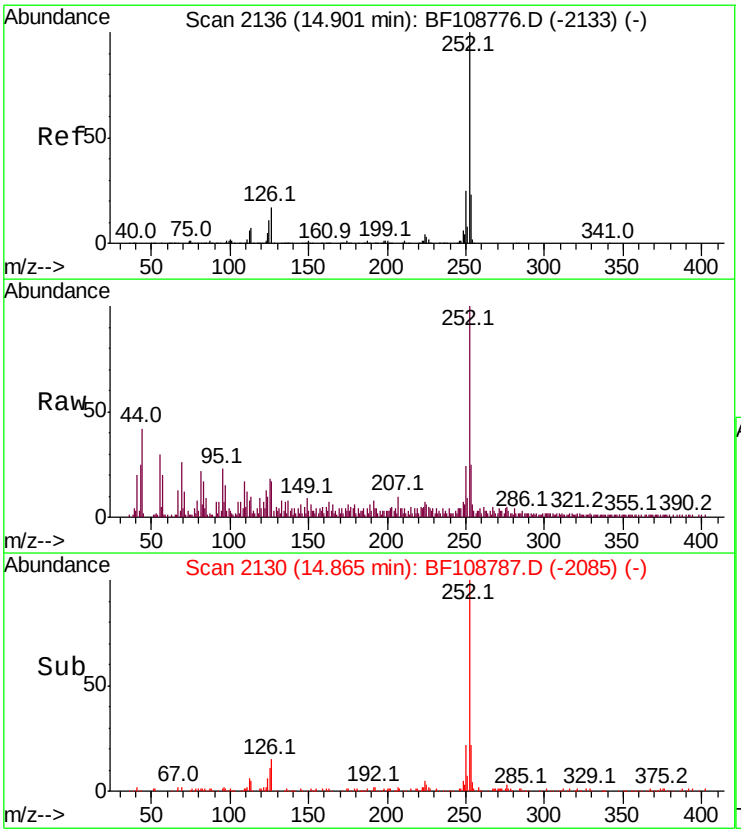
#87
Benzo(b)fluoranthene
Concen: 3.158 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88850

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	18.4	9.0	13.6#

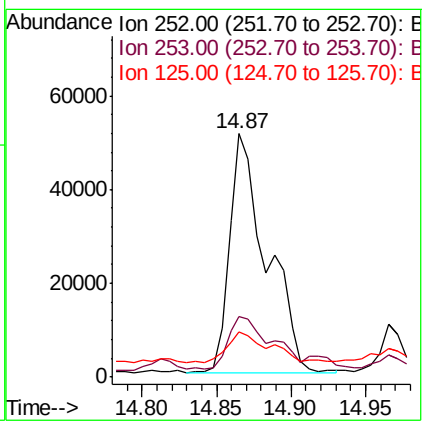


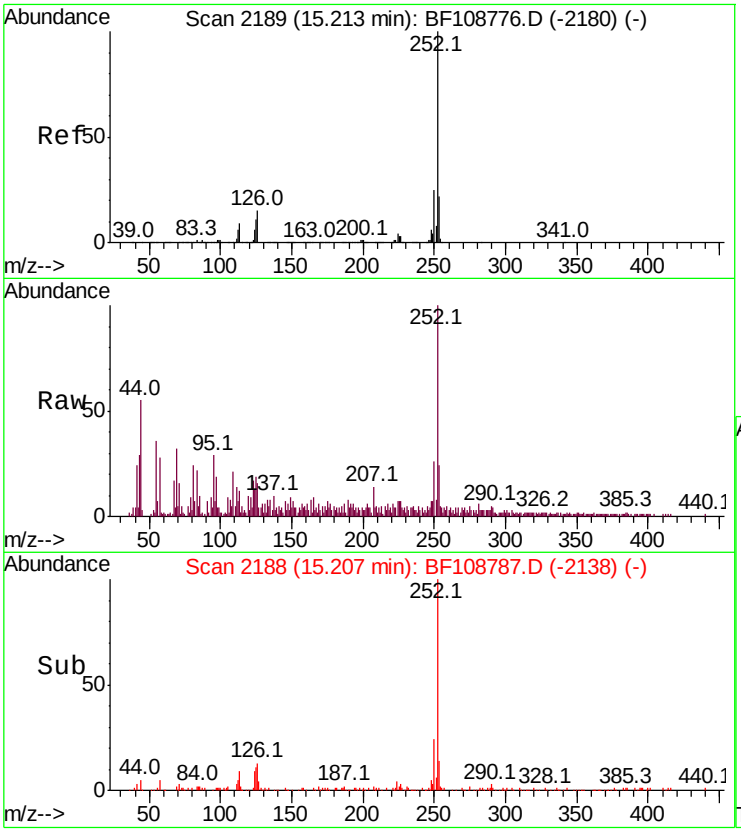


#88
Benzo(k)fluoranthene
Concen: 3.430 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.04 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:252 Resp: 88850

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	18.4	10.2	15.2#



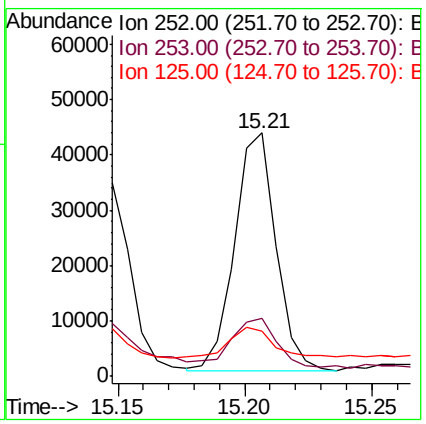


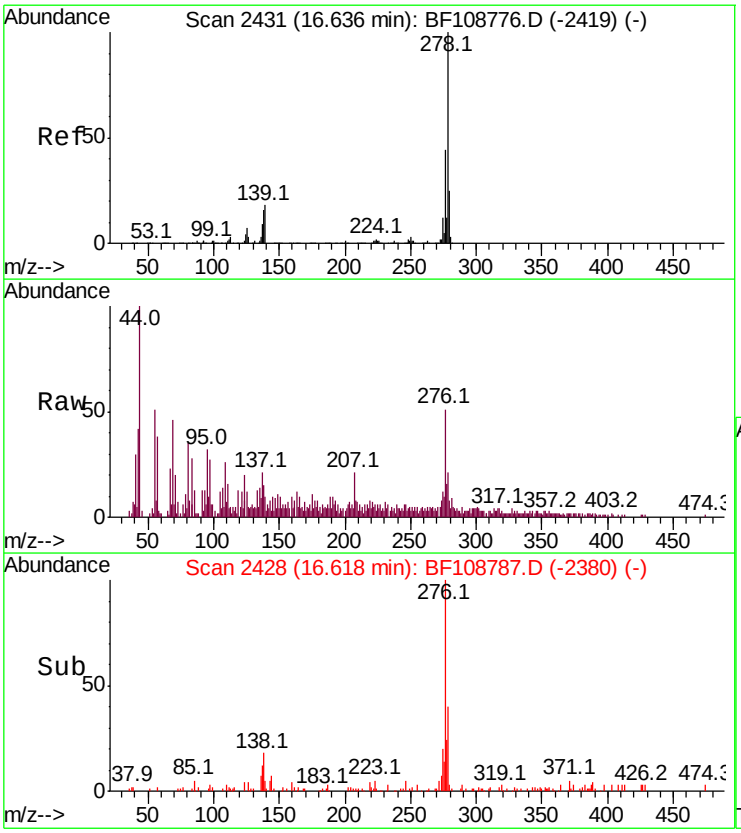
#89
Benzo(a)pyrene
Concen: 1.909 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 48458

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	18.6	9.8	14.6#

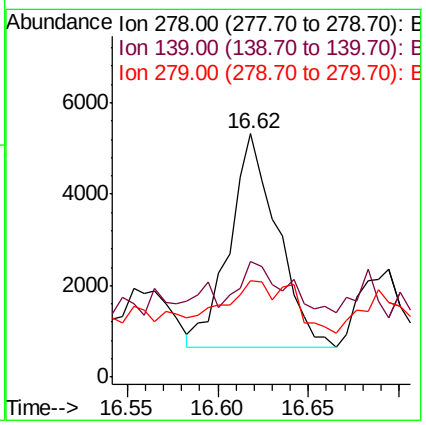


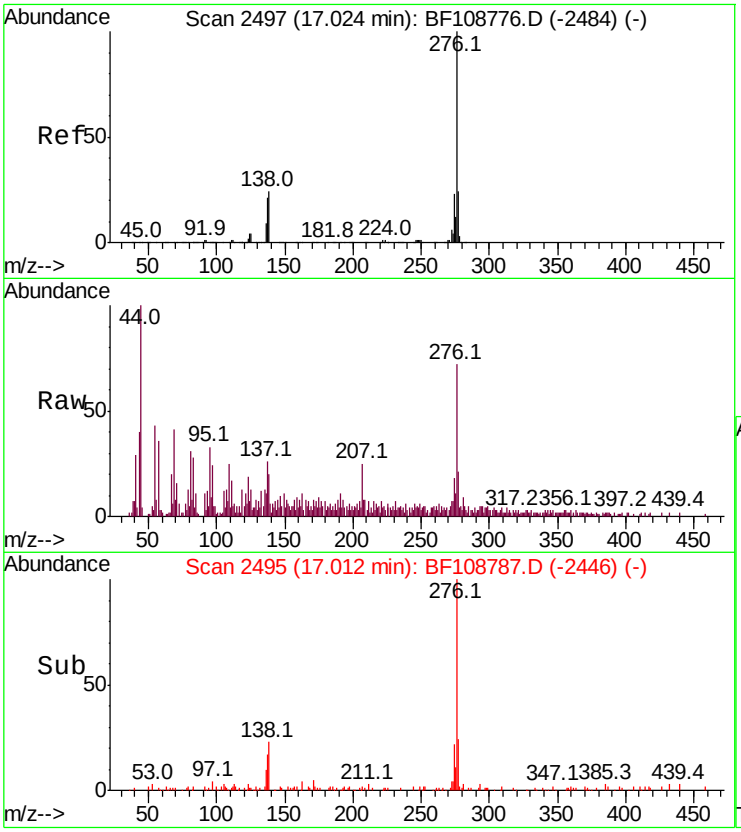


#90
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 16.62 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion:278 Resp: 8529

Ion	Ratio	Lower	Upper
278	100		
139	47.3	15.9	23.9#
279	39.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 1.437 ng
RT: 17.01 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32188

Ion	Ratio	Lower	Upper
276	100		
277	29.3	17.9	26.9#
138	28.0	21.8	32.8