Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Time: Oct 02 03:44:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96460	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	353722	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	149873	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	248638	20.00	ng		0.00
75) Chrysene-d12	13.84	240	233488	20.00	ng		0.00
86) Perylene-d12	15.24	264	172086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	130732	22.32	ng		0.00
7) Phenol-d6	6.35	99	104953	14.04	ng		0.00
23) Nitrobenzene-d5	7.26	82	279524	46.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	73386	49.67	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	507475	51.07	ng		-0.01
78) Terphenyl-d14	12.79	244	400437	42.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	9021	3.345	ng	#	81
10) Phenol	6.36	94	23546	2.782	ng		83
17) 2-Methylphenol	7.15	107	12122	2.300	ng	#	35
18) Hexachloroethane	7.25	117	6779	2.547	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	38297	7.821	ng	#	79
25) Isophorone	7.26	82	268345	24.869	ng	#	64
27) 2,4-Dimethylphenol	7.65	122	58445	12.431	ng		96
31) Naphthalene	8.01	128	1187934	71.868	ng		99
32) Benzoic acid	7.79	122	90122	31.010	ng	#	14
33) 4-Chloroaniline	8.01	127	160264	22.194	ng	#	32
37) 2-Methylnaphthalene	8.80	142	424792	39.865	ng		95
45) 1,1'-Biphenyl	9.16	154	59836	4.900	ng		97
48) Acenaphthylene	9.59	152	41067	2.791	ng	#	91
49) Dimethylphthalate	9.46	163	231920	21.276	ng		100
51) Acenaphthene	9.77	154	186932	21.009	ng		99
53) 2,4-Dinitrophenol	9.89	184	1781	10.581	ng	#	13
54) Dibenzofuran	9.94	168	179456	13.562	ng		98
55) 4-Nitrophenol	9.94	139	67819	36.008	ng	#	11
57) Fluorene	10.28	166	121800	12.901	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	531	6.981	ng	#	1
70) Phenanthrene	11.24	178	168226	13.551	ng		98
71) Anthracene	11.29	178	32633	2.592	ng		98
72) Carbazole	11.45	167	221540	17.684	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Quant Time: Oct 02 03:44:11 2018
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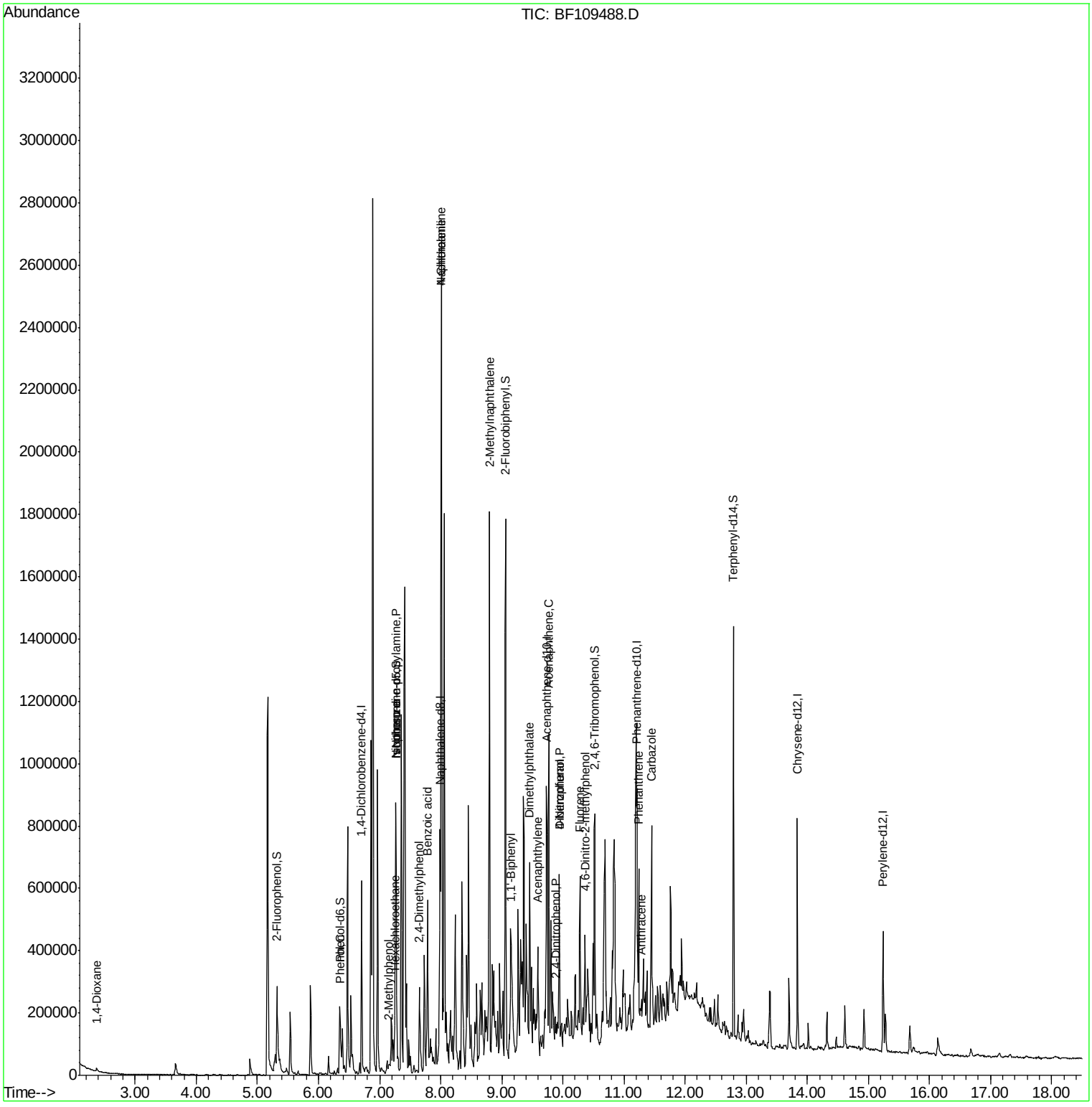
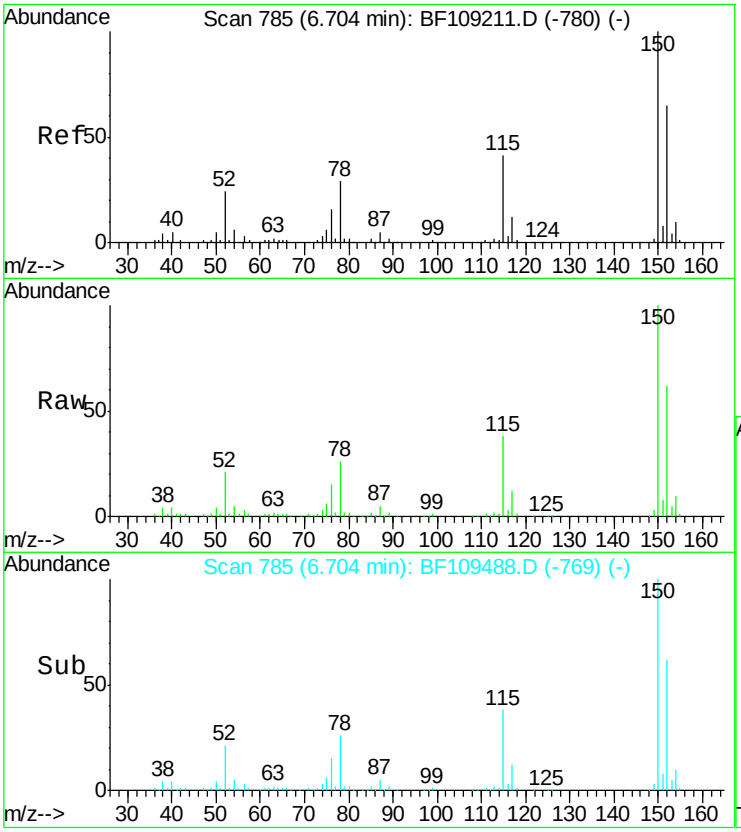
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



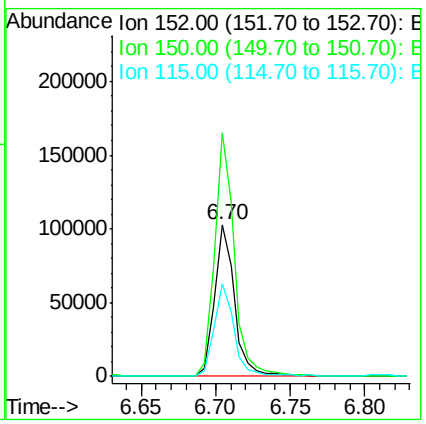


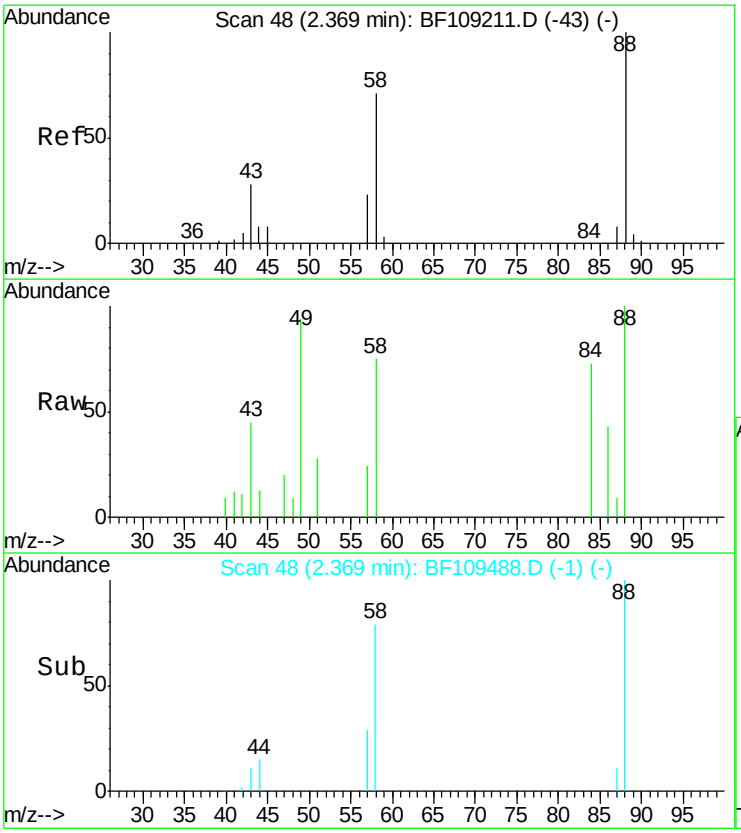
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:152 Resp: 96460

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	61.4	50.1	75.1

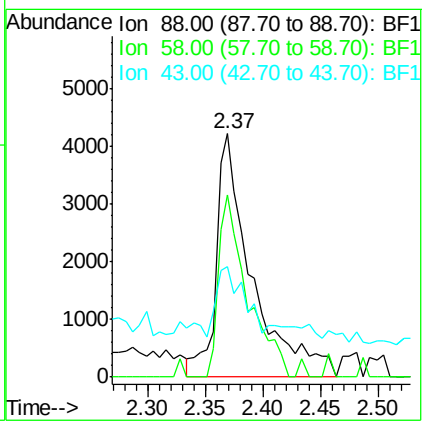


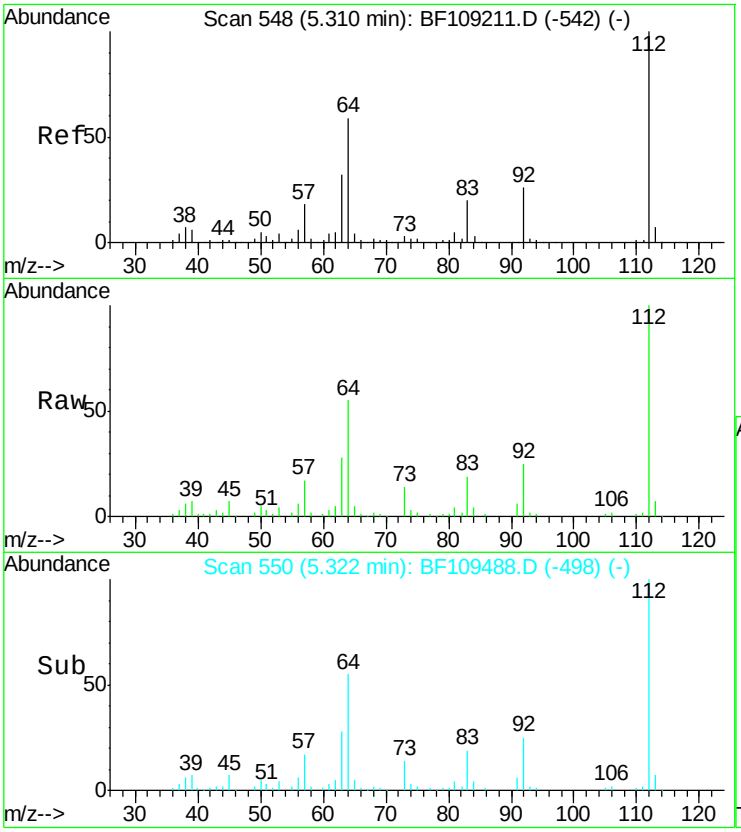


#2
1,4-Dioxane
Concen: 3.345 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion: 88 Resp: 9021

Ion	Ratio	Lower	Upper
88	100		
58	60.3	62.6	93.8#
43	23.2	24.6	37.0#



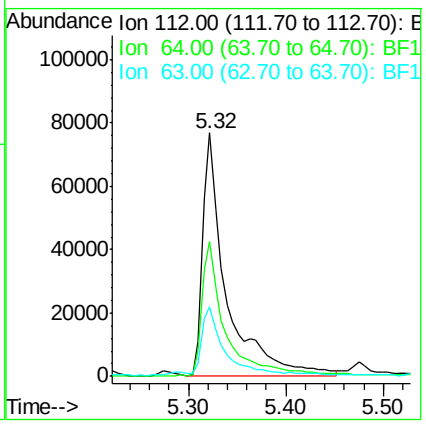


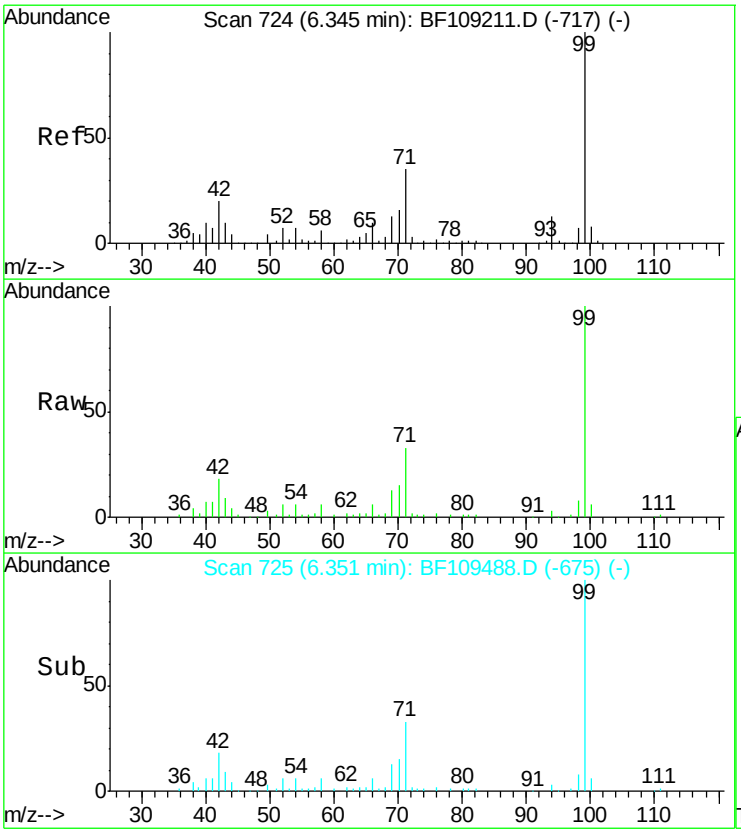
#5
2-Fluorophenol
Concen: 22.323 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:112 Resp: 130732

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.4	23.7	35.5

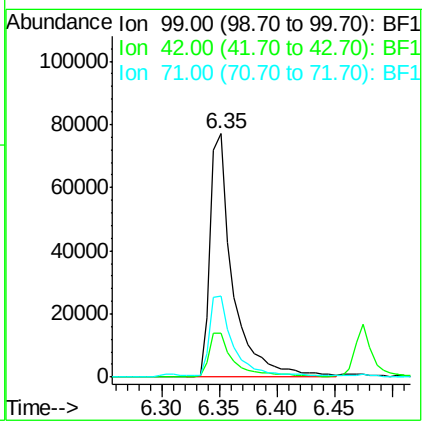


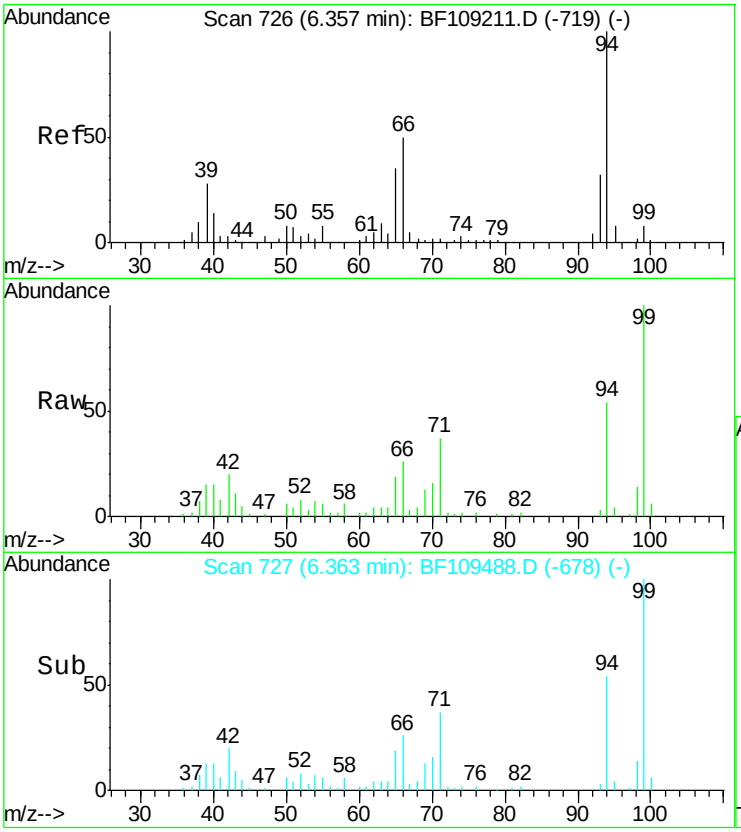


#7
Phenol-d6
Concen: 14.044 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion: 99 Resp: 104953

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	33.3	25.4	38.0



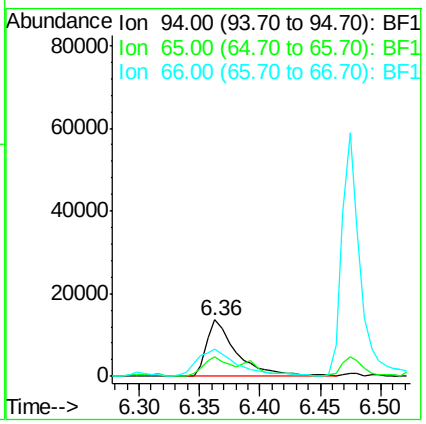


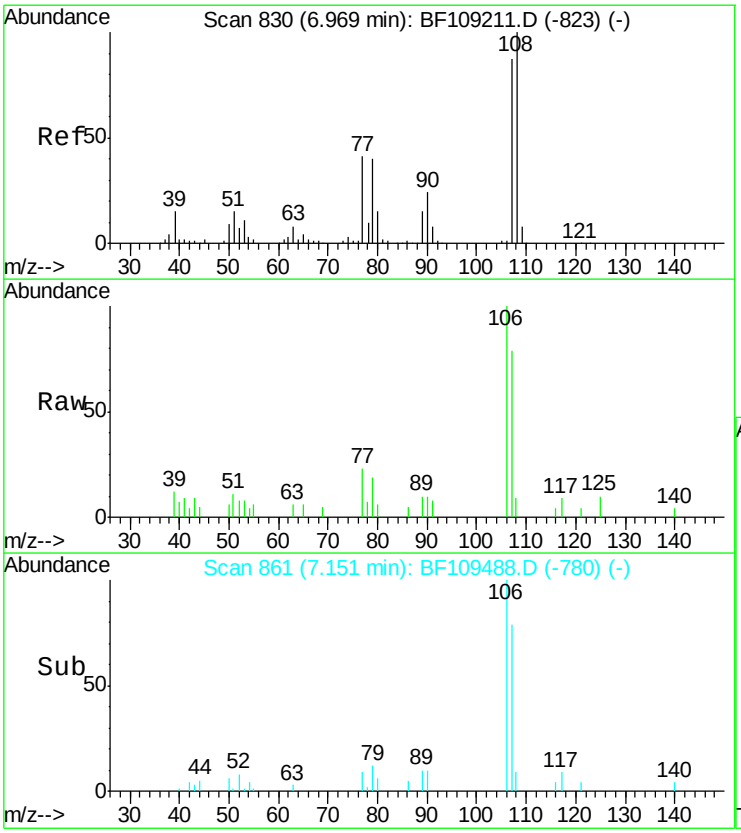
#10
Phenol
Concen: 2.782 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion: 94 Resp: 23546

Ion	Ratio	Lower	Upper
94	100		
65	34.9	7.9	47.9
66	47.8	16.2	56.2

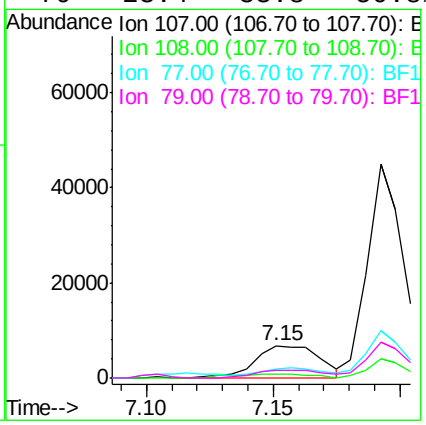


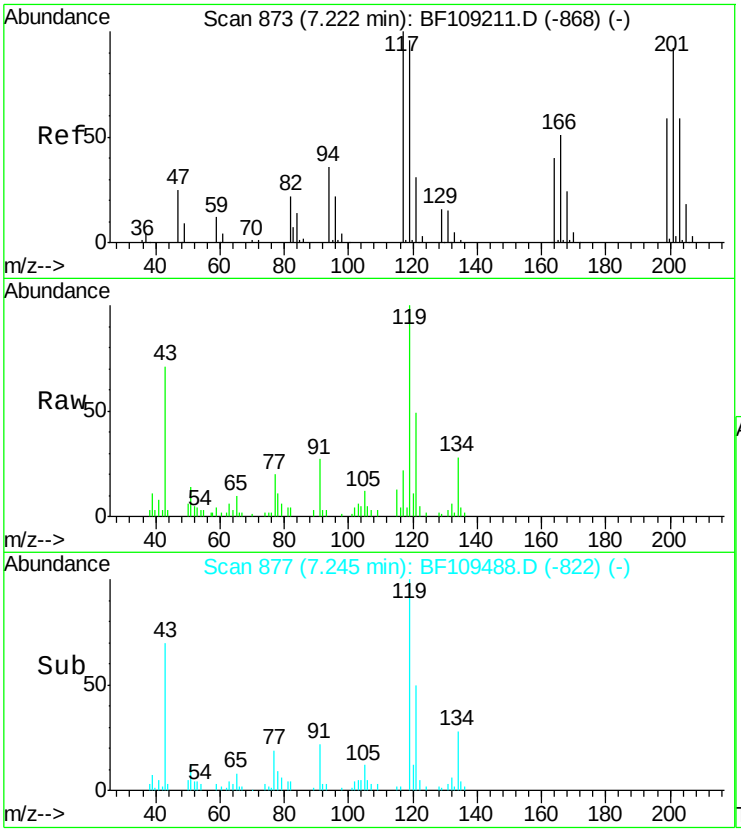


#17
2-Methylphenol
Concen: 2.300 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.18 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:107 Resp: 12122

Ion	Ratio	Lower	Upper
107	100		
108	11.7	91.7	137.5#
77	29.6	33.8	50.8#
79	23.4	33.8	50.8#



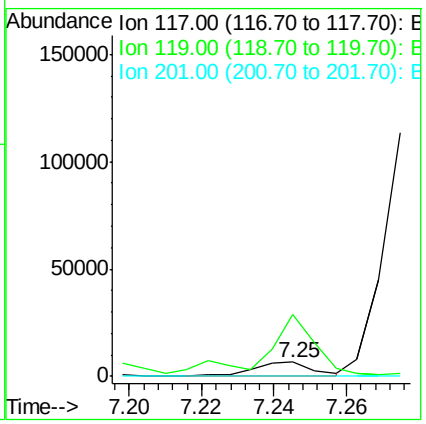


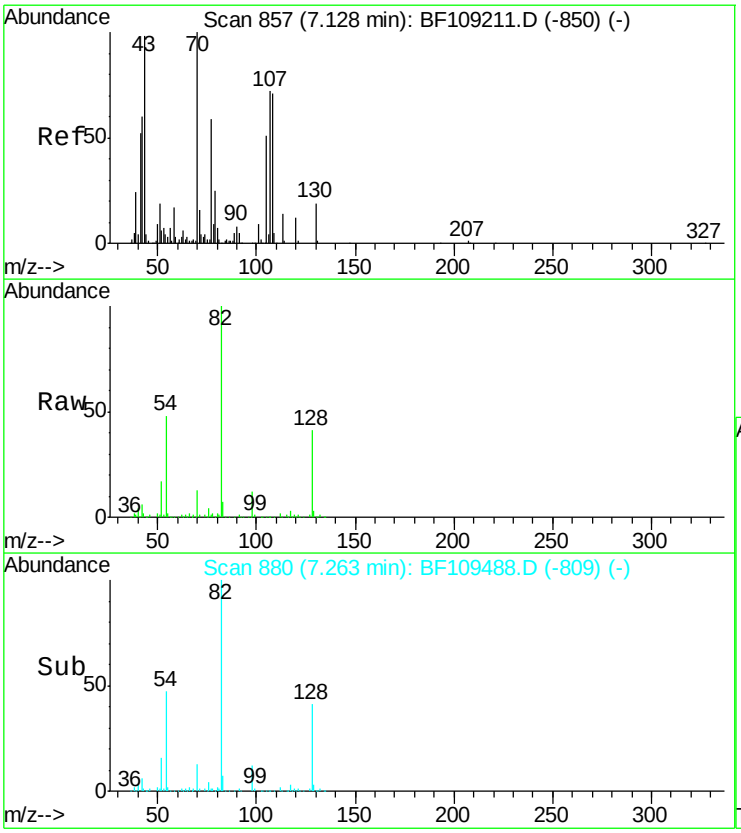
#18
Hexachloroethane
Concen: 2.547 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:117 Resp: 6779

Ion	Ratio	Lower	Upper
117	100		
119	446.6	75.8	113.8#
201	0.0	75.7	113.5#

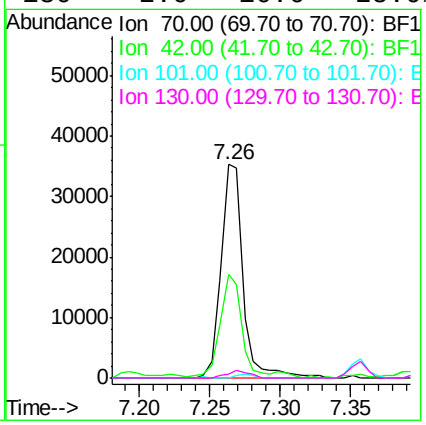


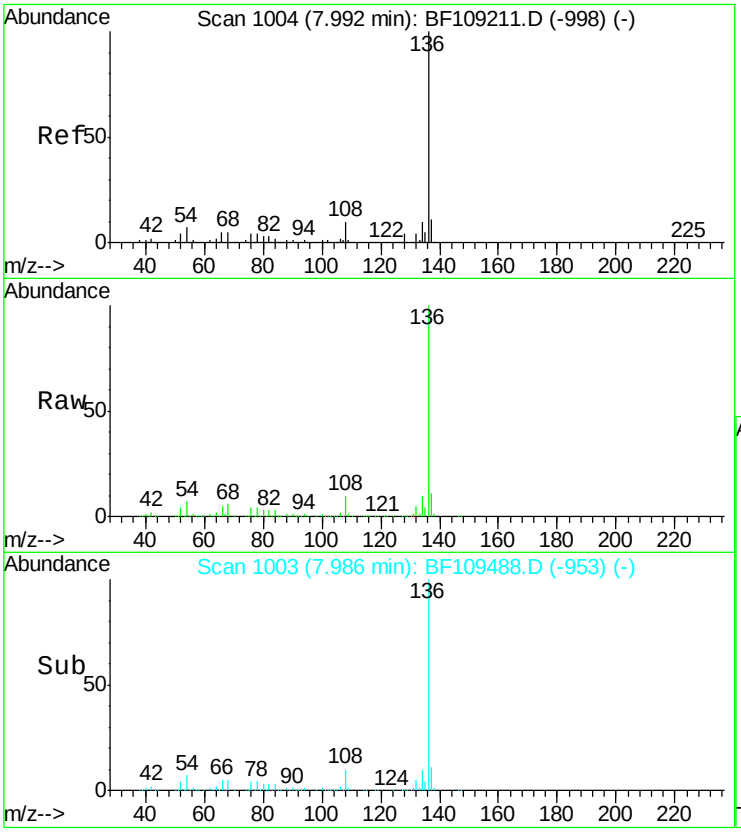


#19
n-Nitroso-di-n-propylamine
Concen: 7.821 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion: 70 Resp: 38297

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



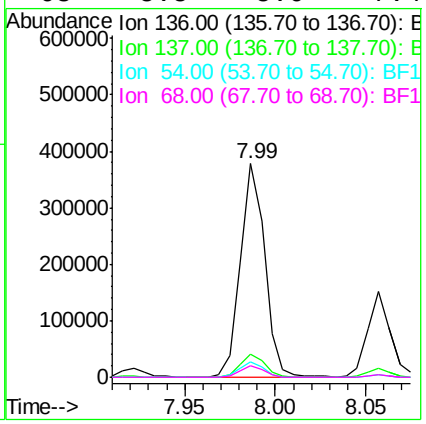


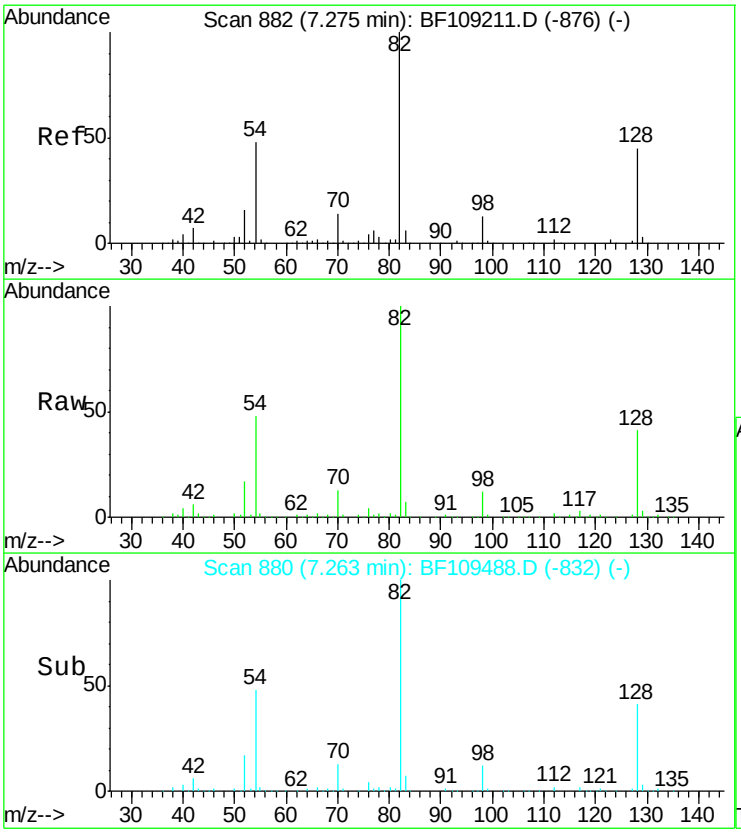
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:136 Resp: 353722

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4

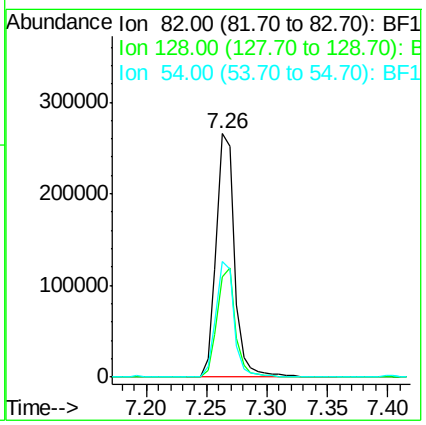


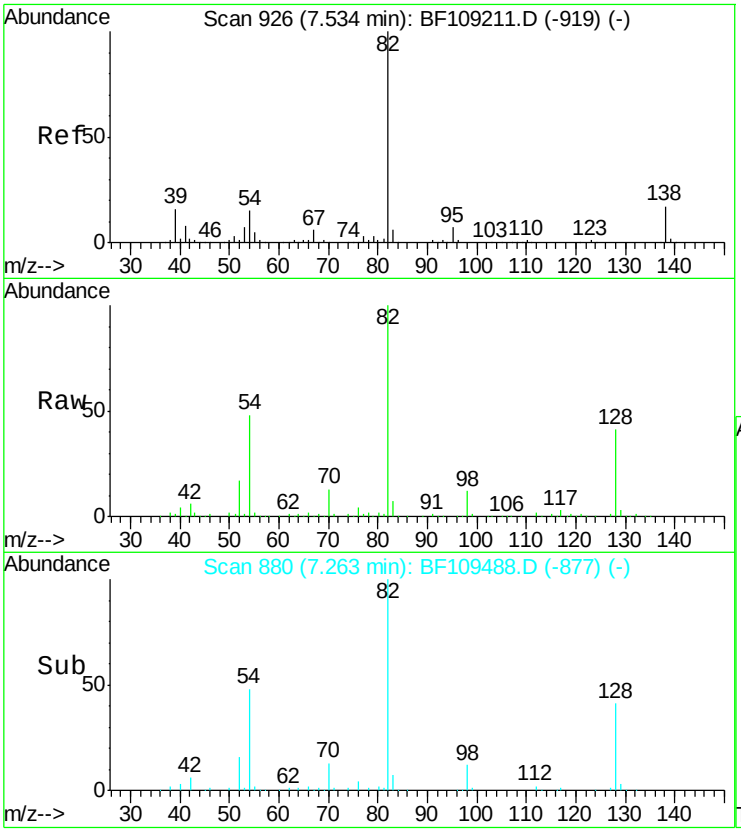


#23
Nitrobenzene-d5
Concen: 46.649 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion: 82 Resp: 279524

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	47.7	41.4	62.2



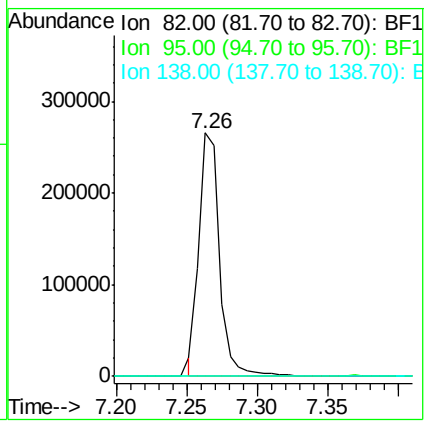


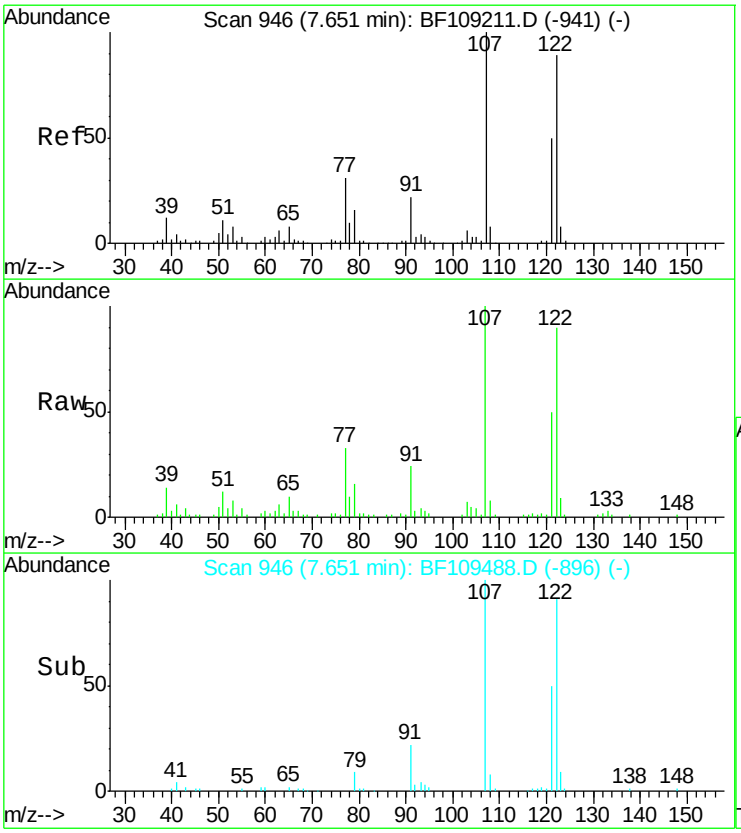
#25
Isophorone
Concen: 24.869 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion: 82 Resp: 268345

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

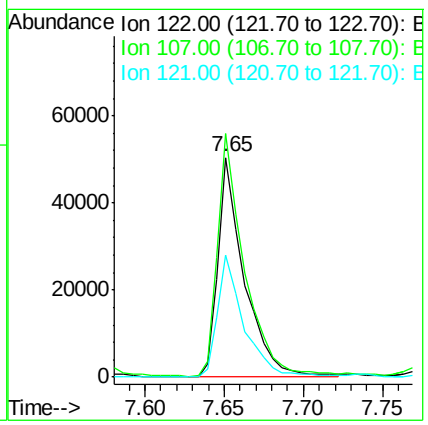


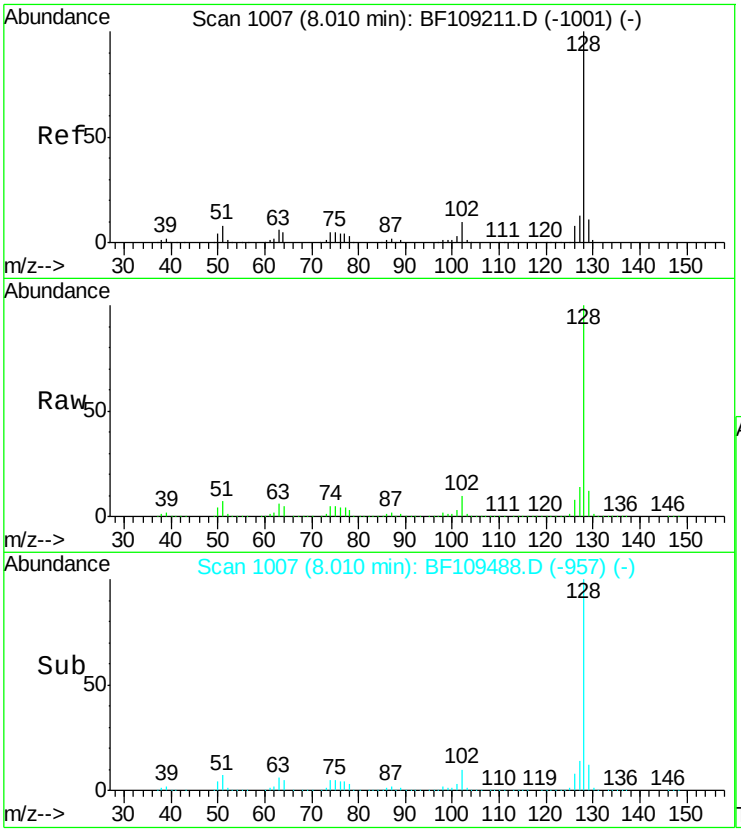


#27
2,4-Dimethylphenol
Concen: 12.431 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:122 Resp: 58445

Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	55.4	47.2	70.8



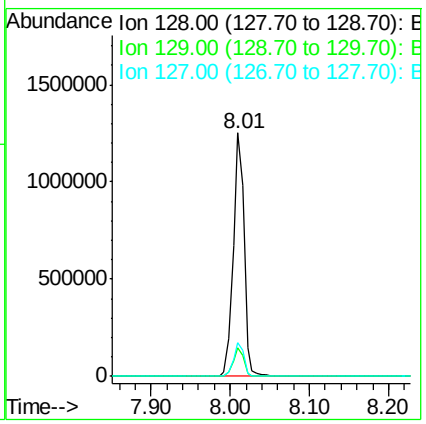


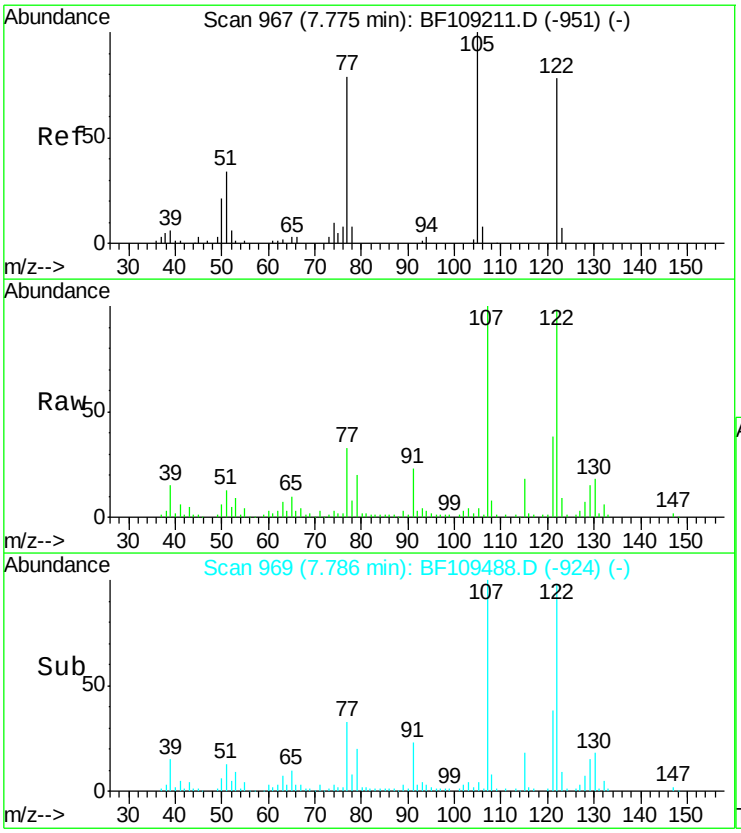
#31
Naphthalene
Concen: 71.868 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:128 Resp: 1187934

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.7	10.9	16.3

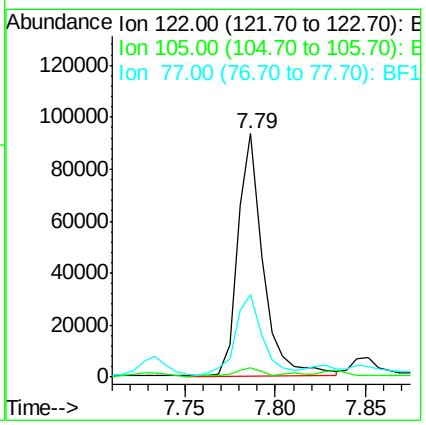


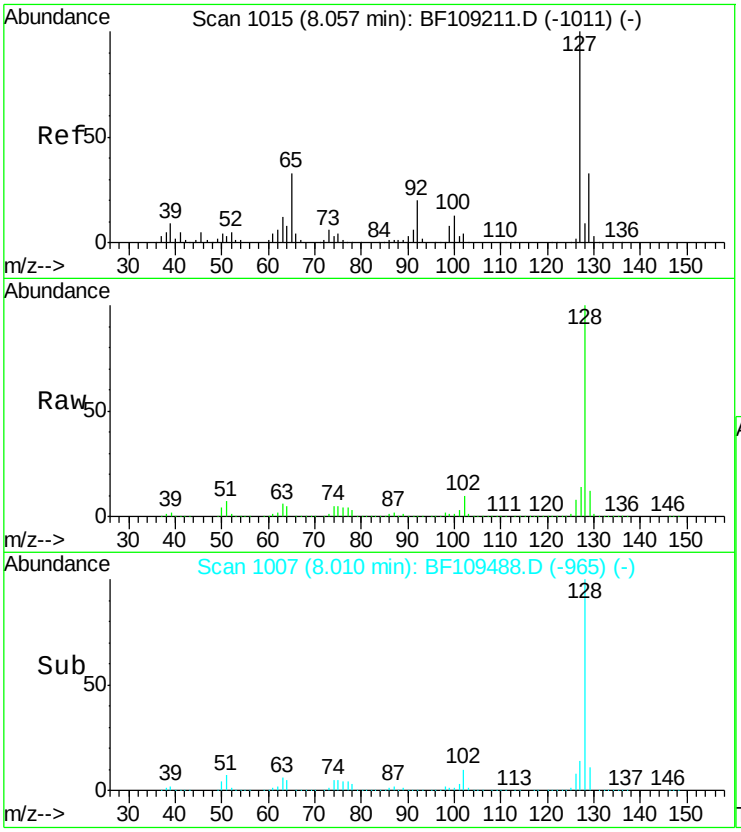


#32
Benzoic acid
Concen: 31.010 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:122 Resp: 90122

Ion	Ratio	Lower	Upper
122	100		
105	3.8	101.1	141.1#
77	33.9	70.7	110.7#



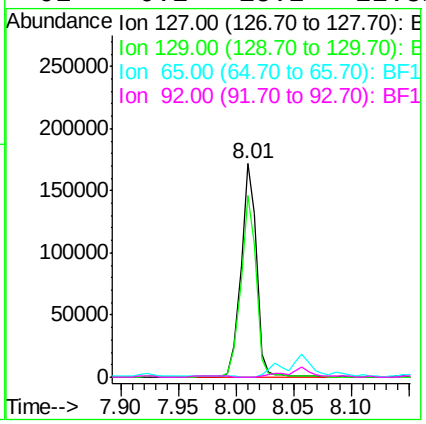


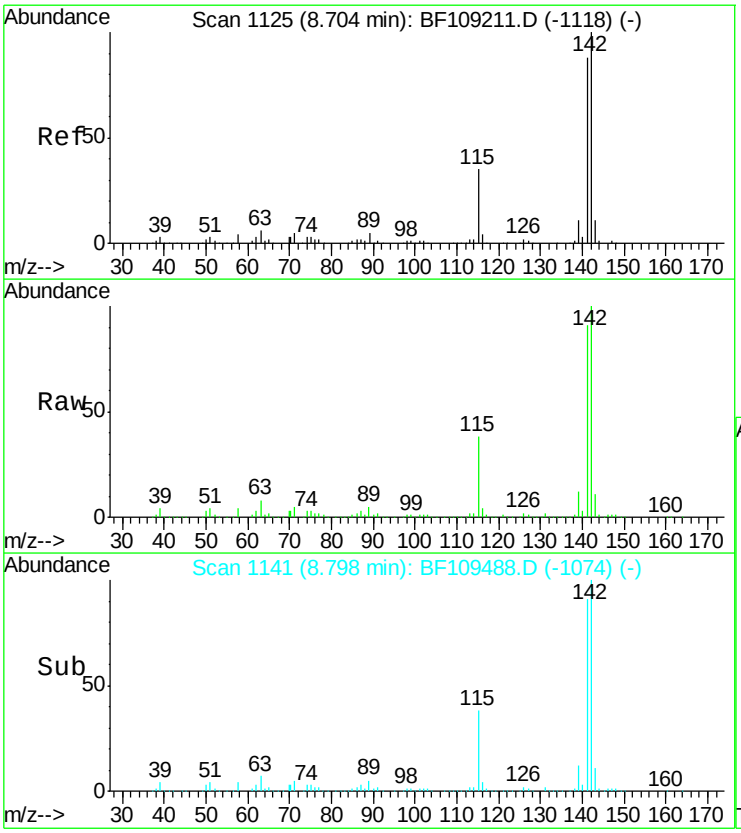
#33
4-Chloroaniline
Concen: 22.194 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:127 Resp: 160264

Ion	Ratio	Lower	Upper
127	100		
129	84.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.2	15.2	22.8#

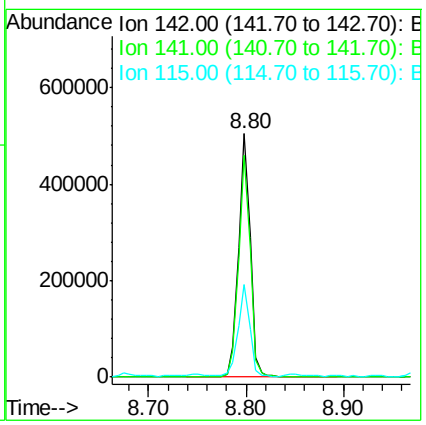


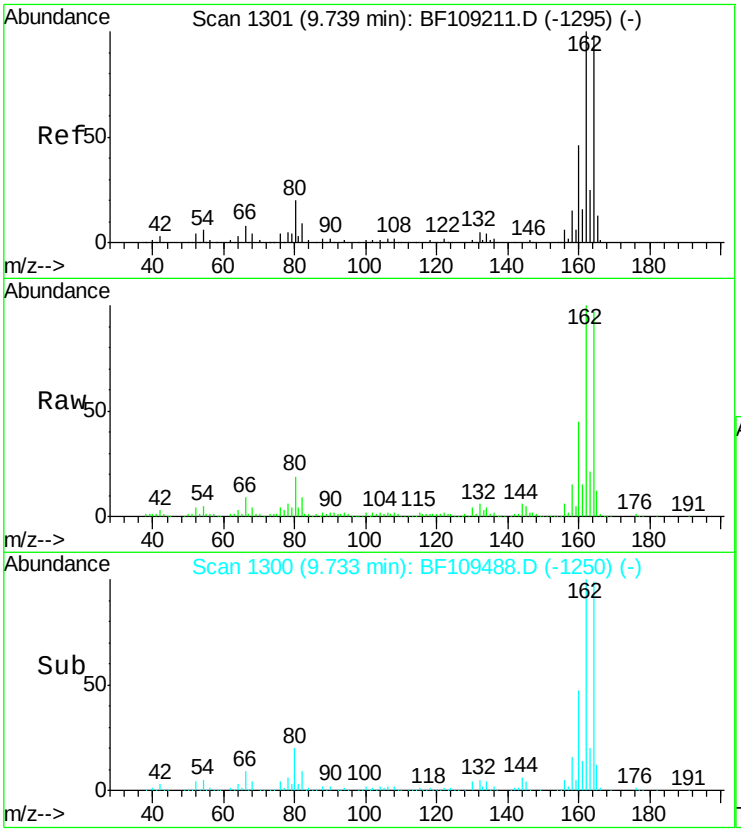


#37
2-Methylnaphthalene
Concen: 39.865 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.09 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:142 Resp: 424792

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	38.1	26.1	39.1



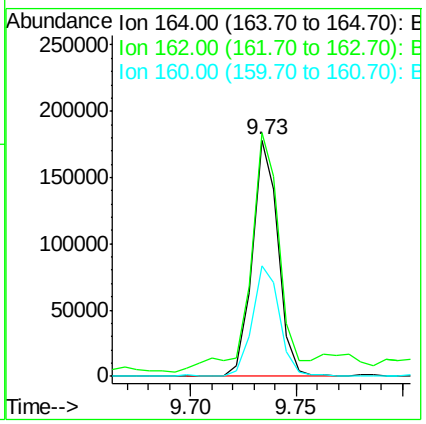


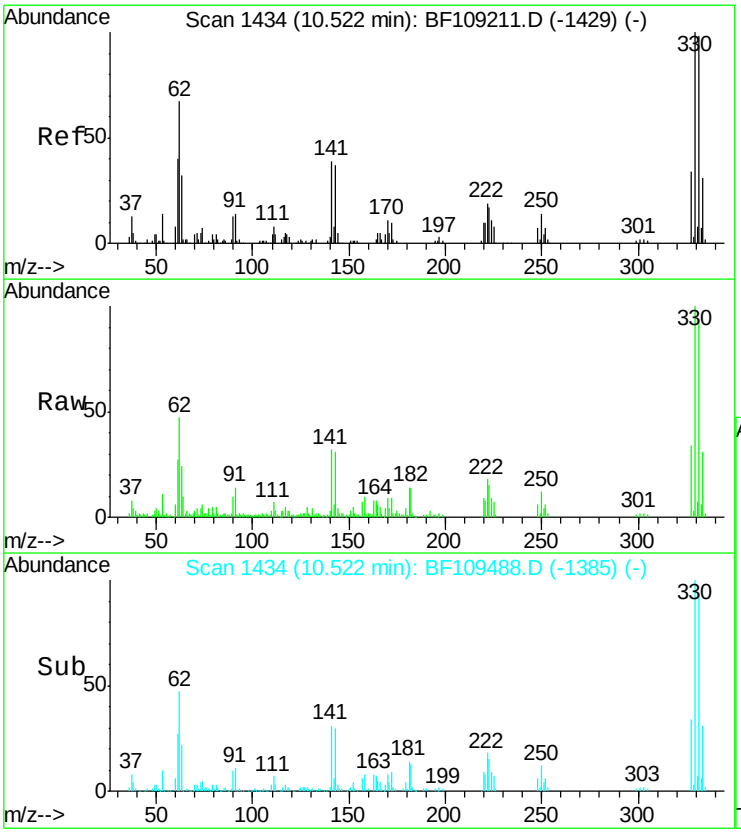
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:164 Resp: 149873

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.8	38.3	57.5

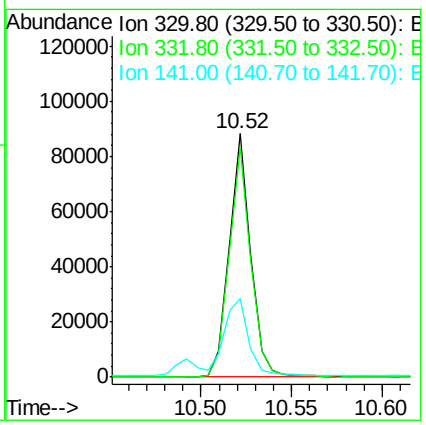


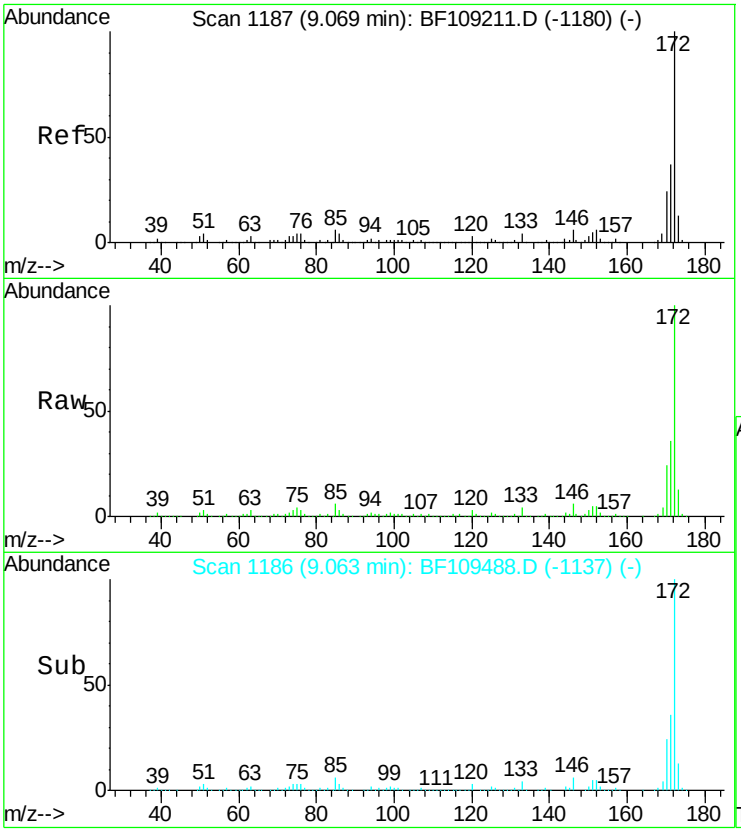


#41
2,4,6-Tribromophenol
Concen: 49.671 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:330 Resp: 73386

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.3	29.9	44.9



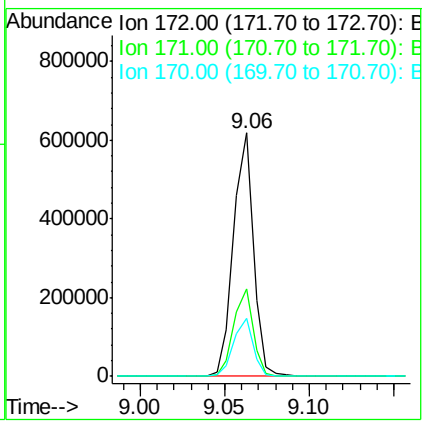


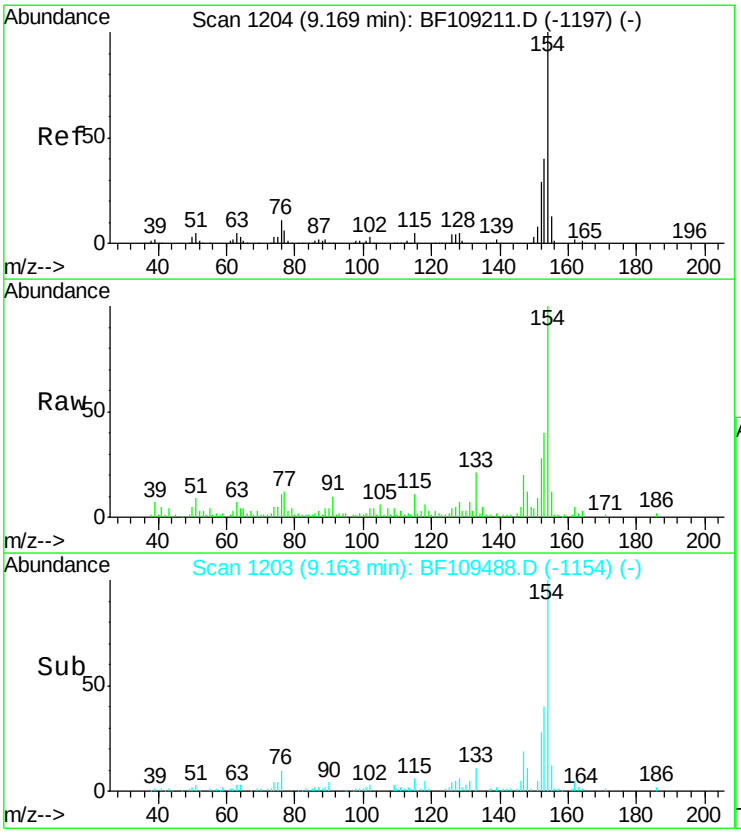
#44
2-Fluorobiphenyl
Concen: 51.068 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:172 Resp: 507475

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

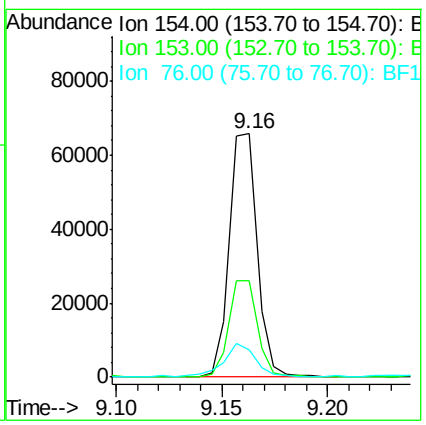


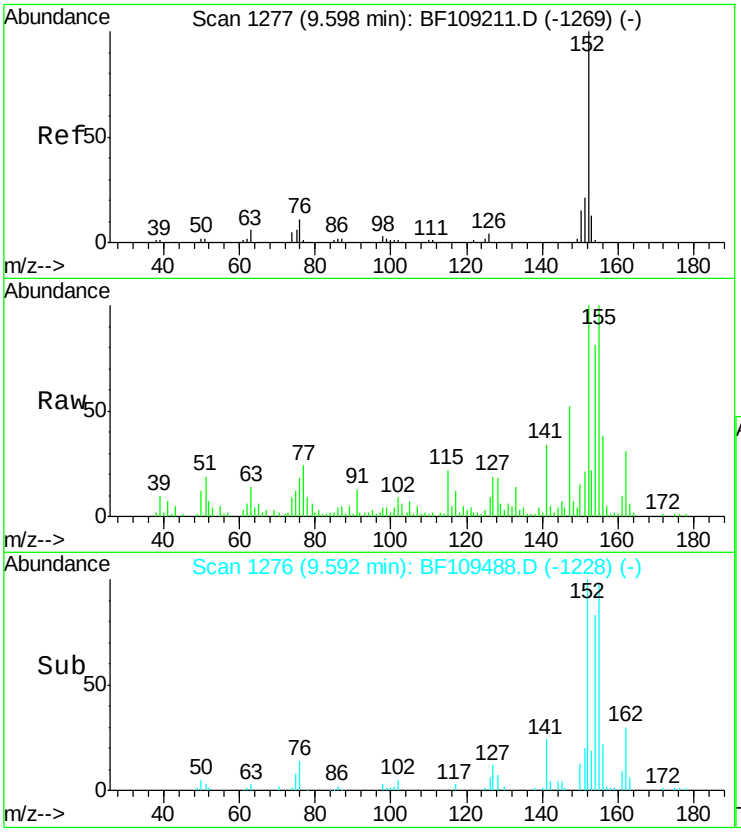


#45
1,1'-Biphenyl
Concen: 4.900 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:154 Resp: 59836

Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	11.2	0.0	34.0



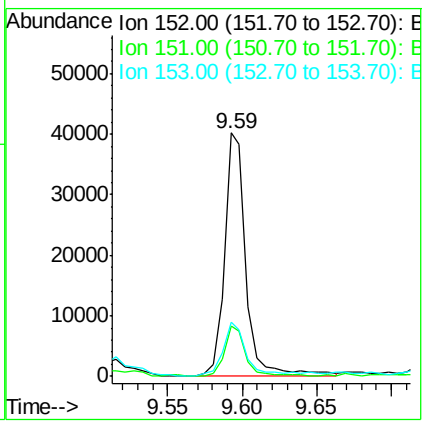


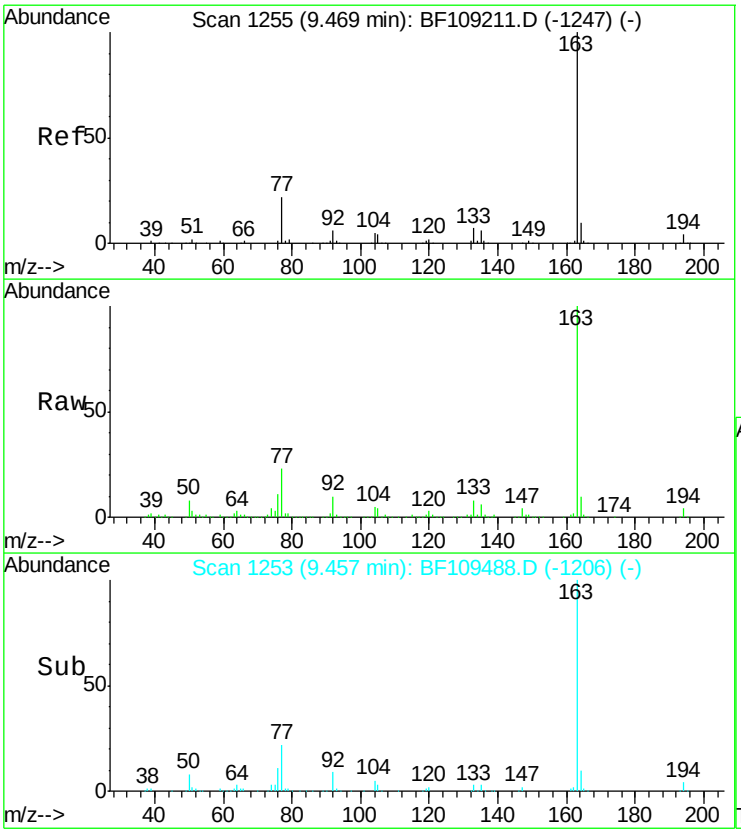
#48
Acenaphthylene
Concen: 2.791 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:152 Resp: 41067

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	22.2	10.7	16.1#

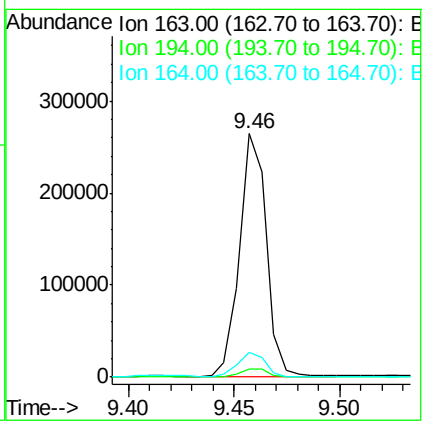


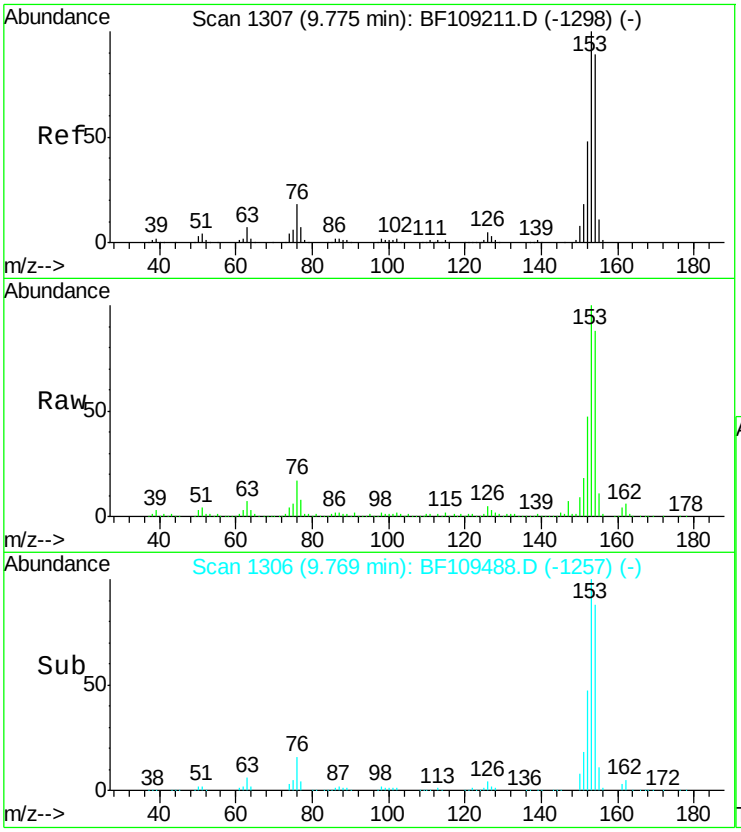


#49
Dimethylphthalate
Concen: 21.276 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:163 Resp: 231920

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2



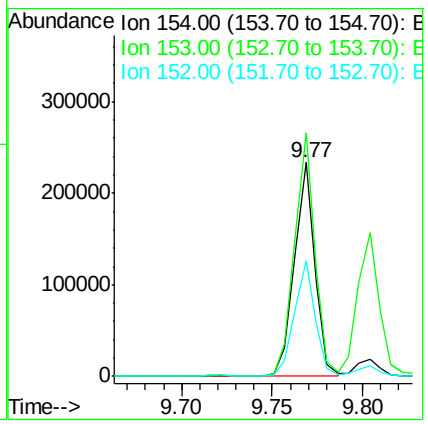


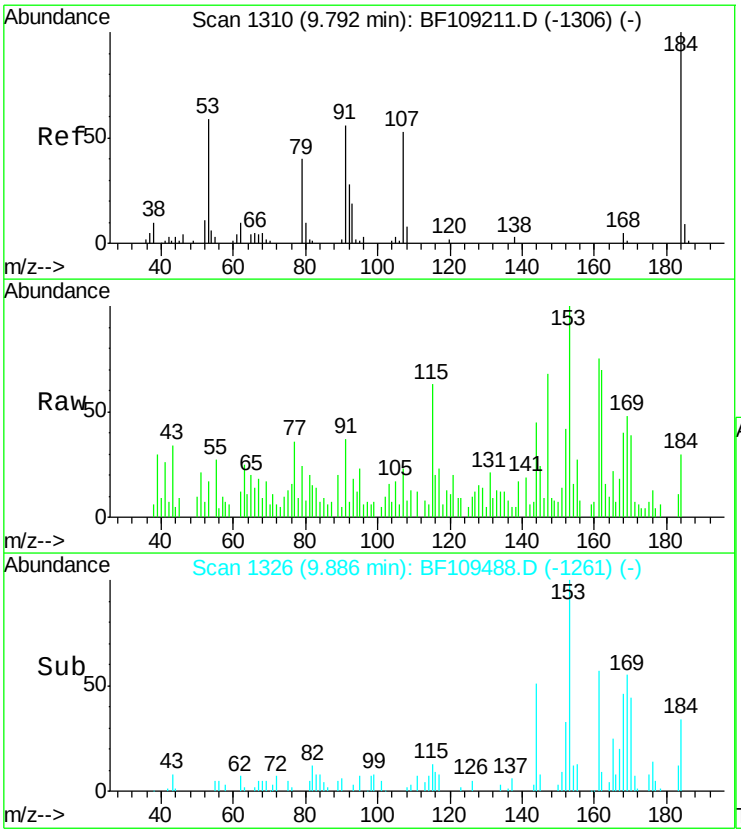
#51
Acenaphthene
Concen: 21.009 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:154 Resp: 186932

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	53.9	43.8	65.8

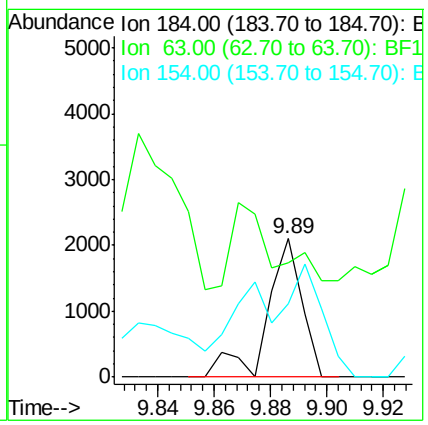


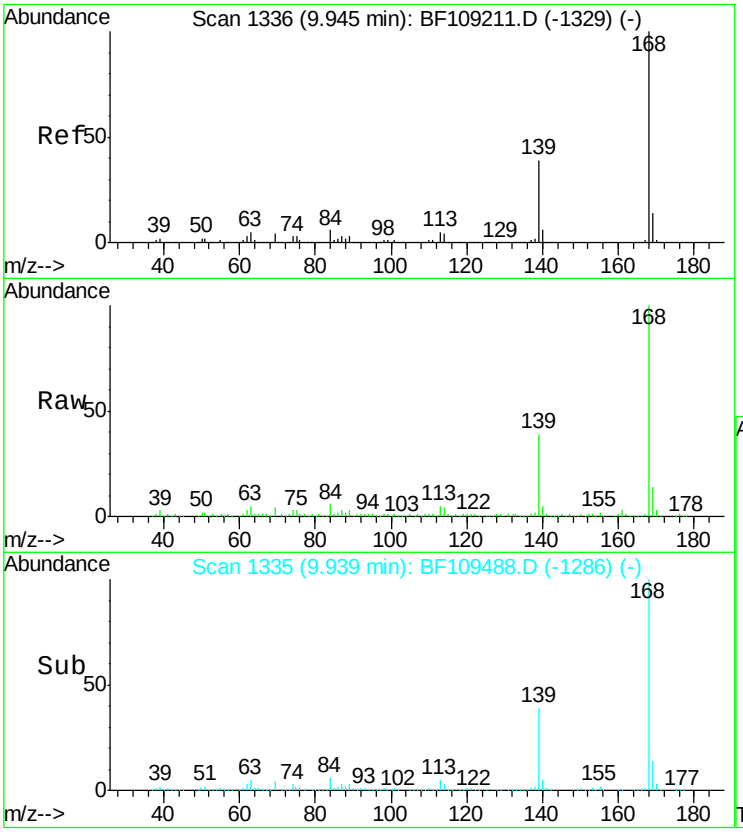


#53
2,4-Dinitrophenol
Concen: 10.581 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.08 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:184 Resp: 1781

Ion	Ratio	Lower	Upper
184	100		
63	82.9	54.2	81.2#
154	53.3	184.0	276.0#



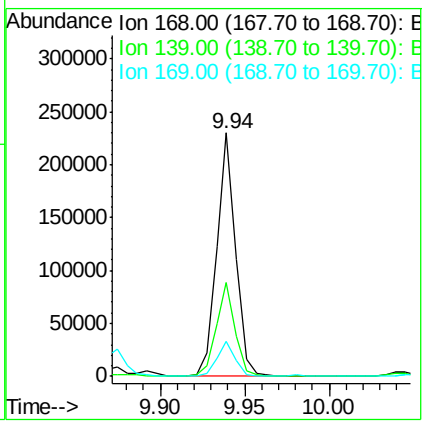


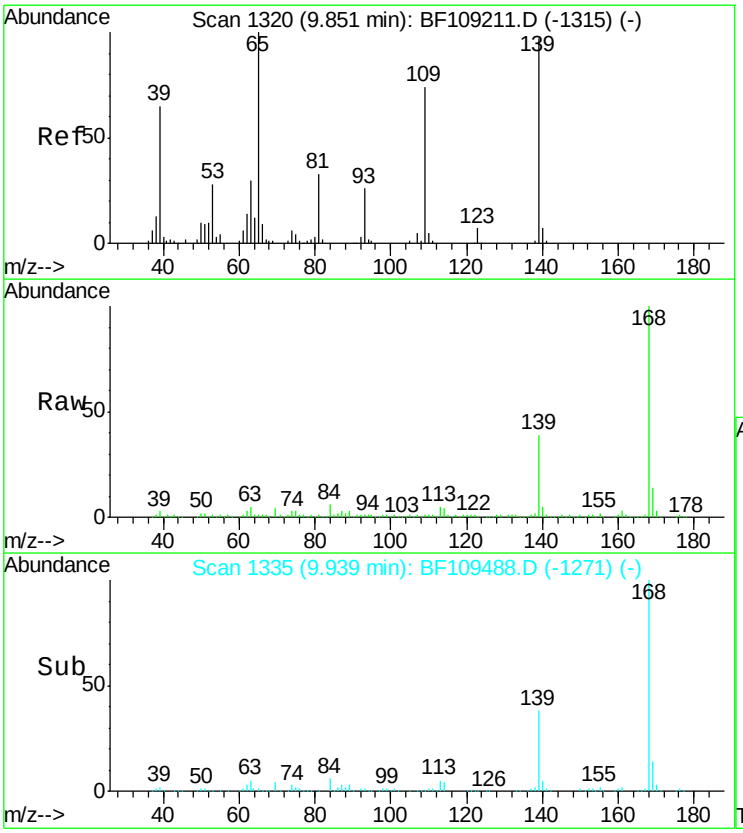
#54
Dibenzofuran
Concen: 13.562 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:168 Resp: 179456

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.3	10.9	16.3

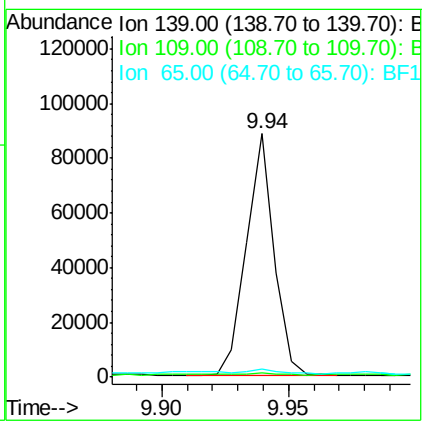


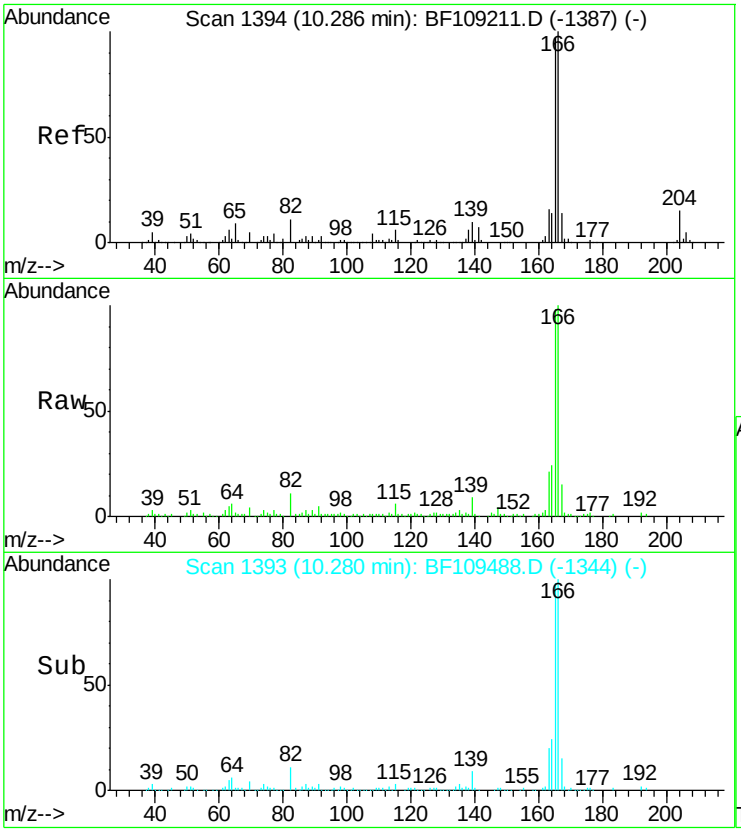


#55
4-Nitrophenol
Concen: 36.008 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.08 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:139 Resp: 67819

Ion	Ratio	Lower	Upper
139	100		
109	1.9	48.4	88.4#
65	3.2	72.6	112.6#



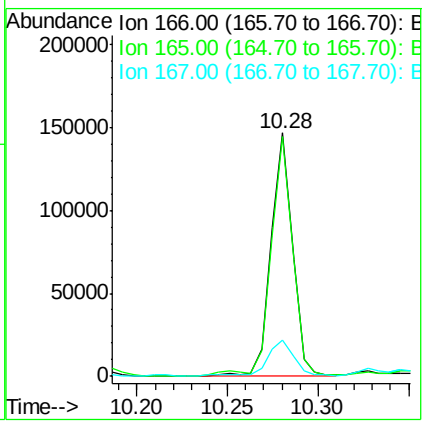


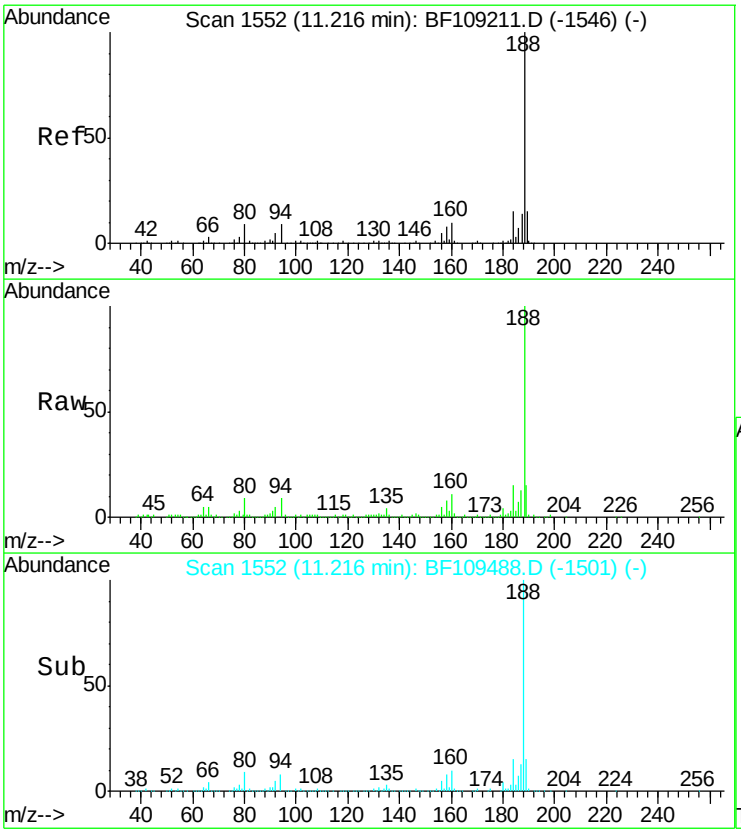
#57
Fluorene
Concen: 12.901 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:166 Resp: 121800

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	15.1	10.6	16.0

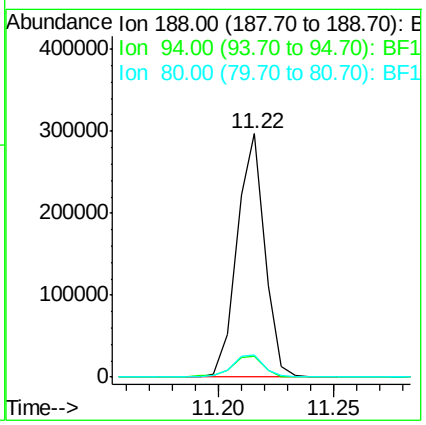


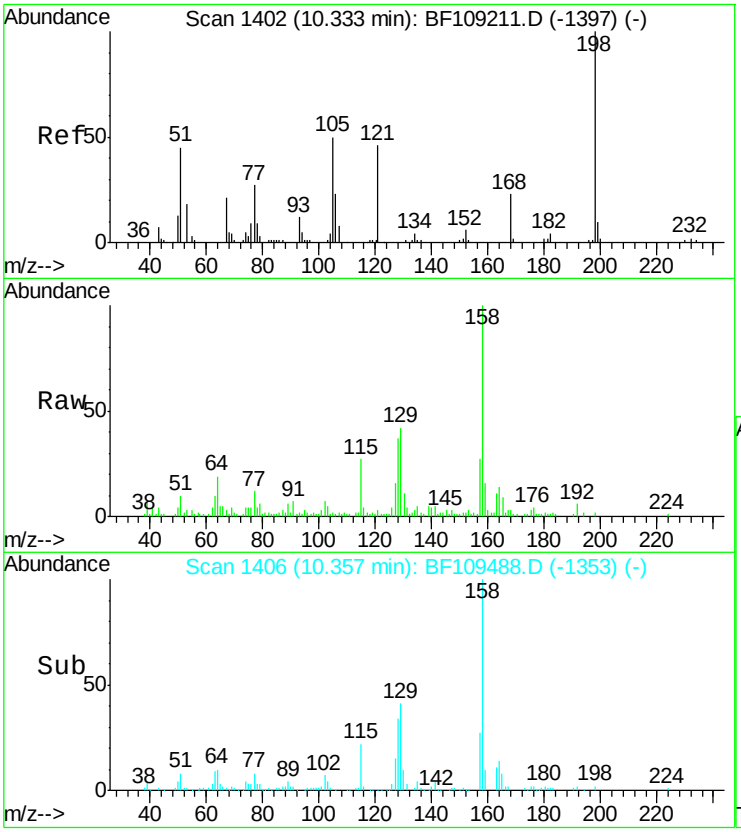


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:188 Resp: 248638

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.1	9.2	13.8#



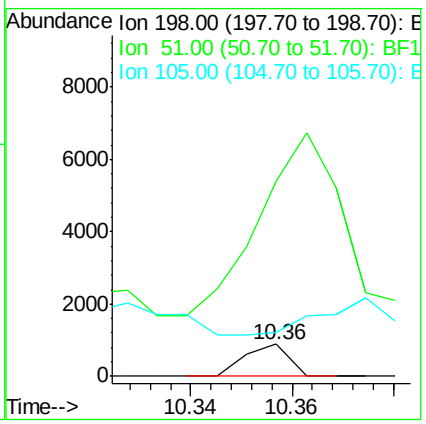


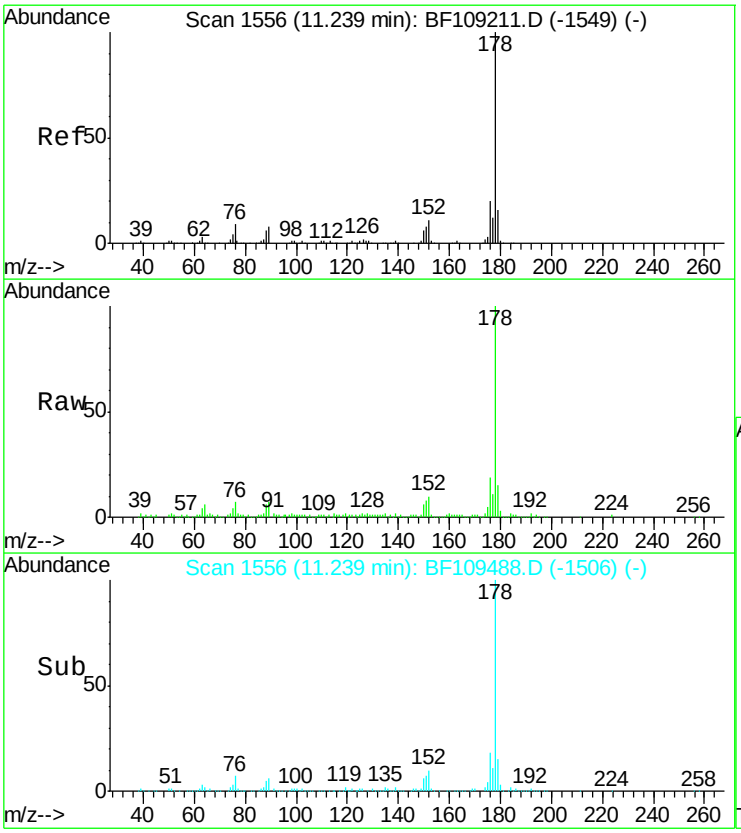
#64
4,6-Dinitro-2-methylphenol
Concen: 6.981 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:198 Resp: 531

Ion	Ratio	Lower	Upper
198	100		
51	604.4	37.7	77.7#
105	135.8	36.3	76.3#

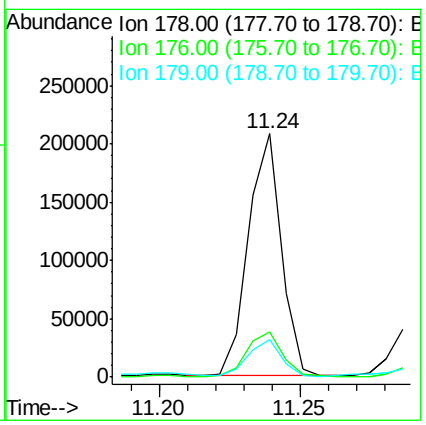


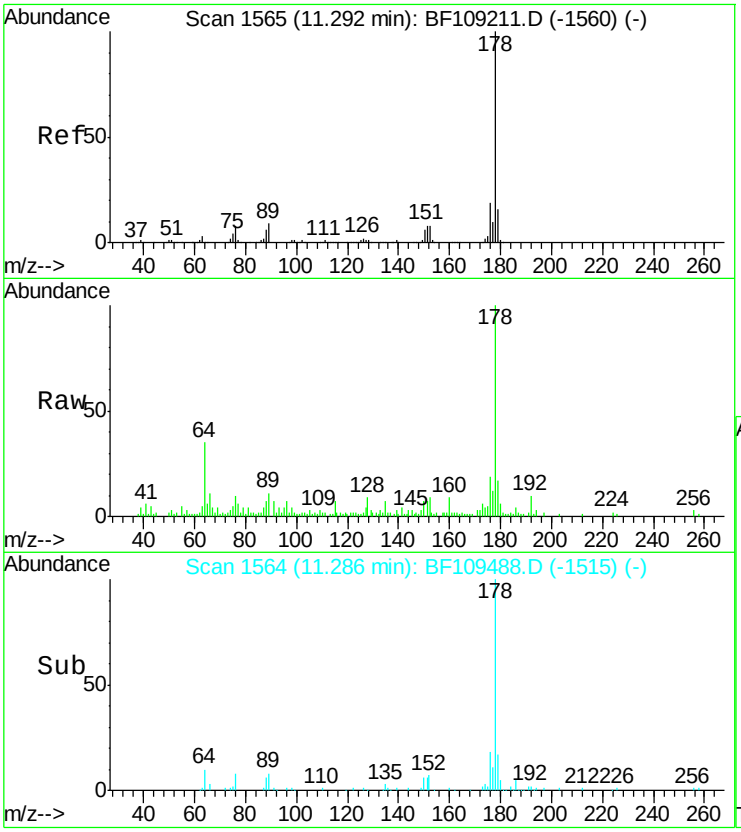


#70
Phenanthrene
Concen: 13.551 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:178 Resp: 168226

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6



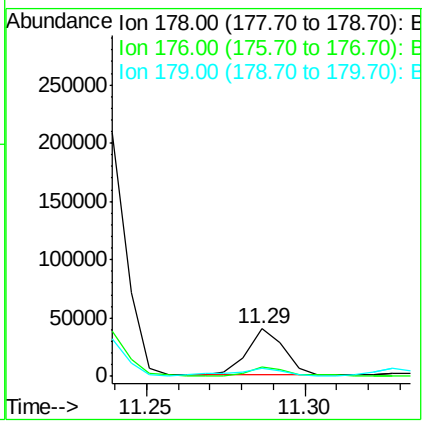


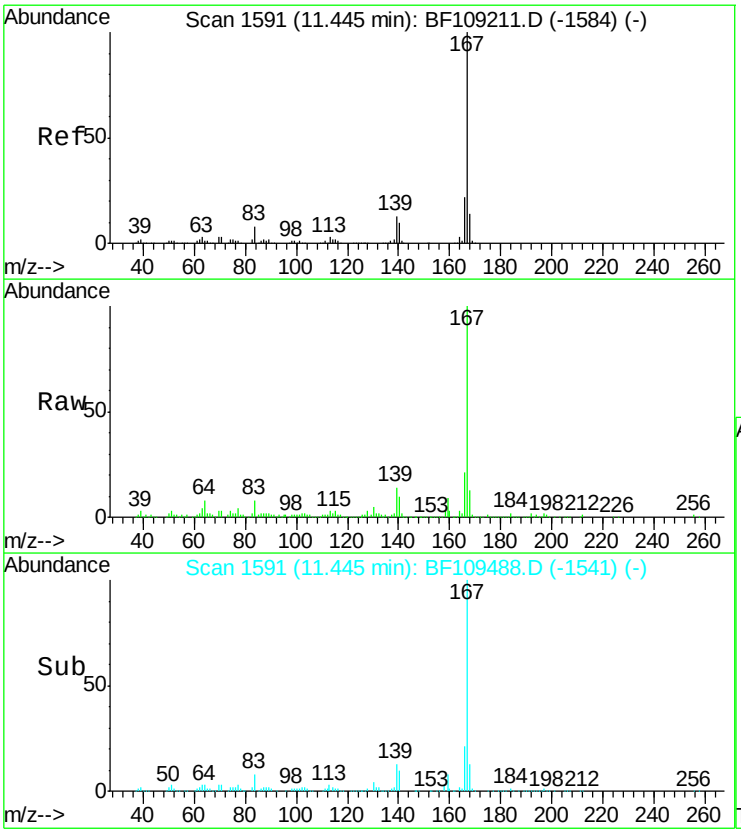
#71
Anthracene
Concen: 2.592 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:178 Resp: 32633

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	17.4	12.6	19.0

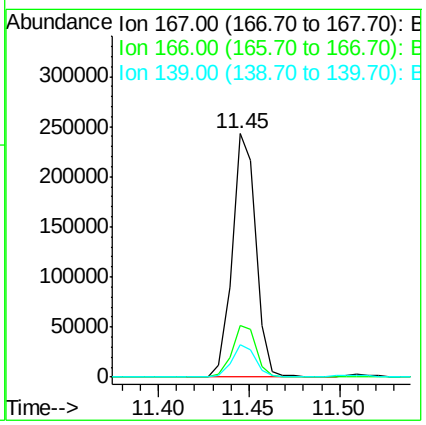


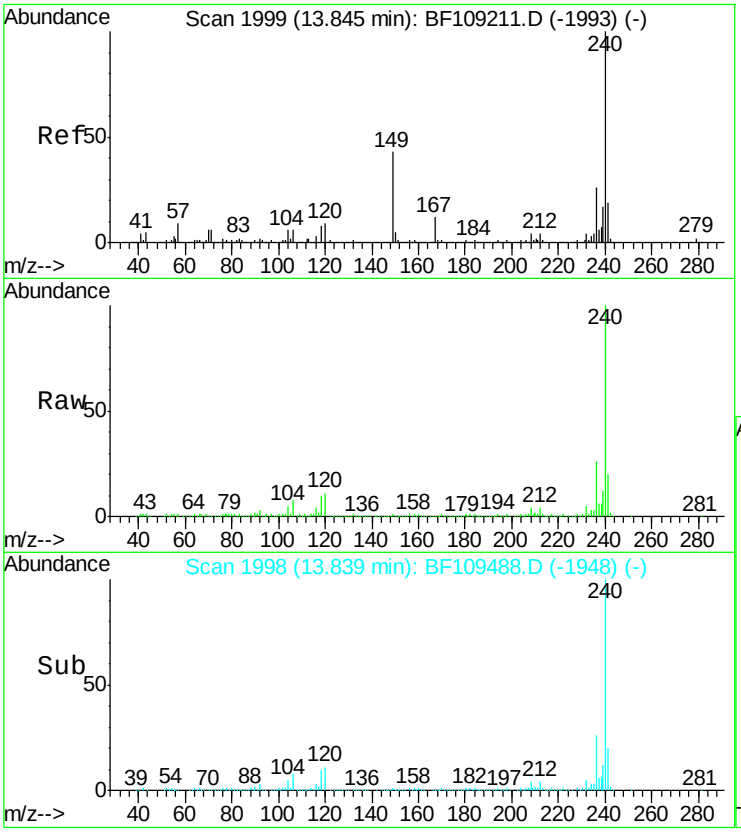


#72
Carbazole
Concen: 17.684 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:167 Resp: 221540

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.6	10.9	16.3



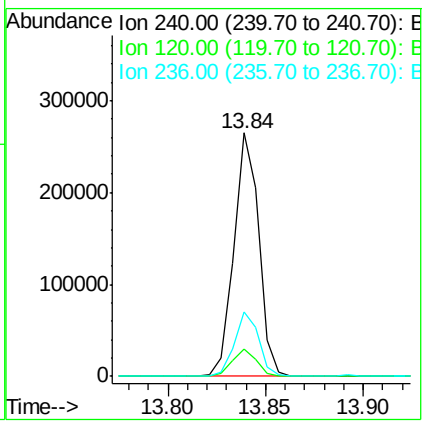


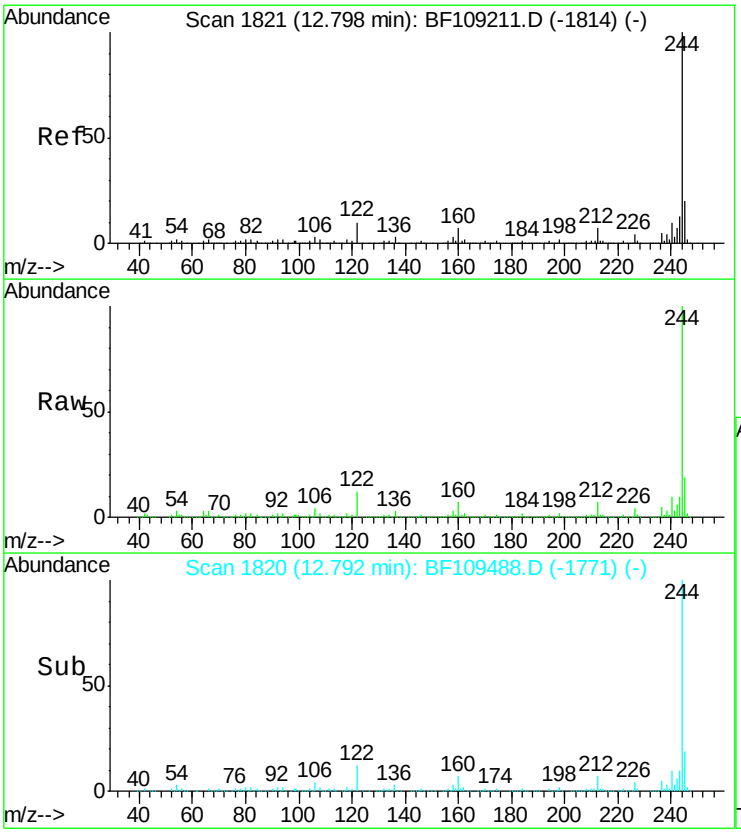
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:240 Resp: 233488

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.3	20.7	31.1

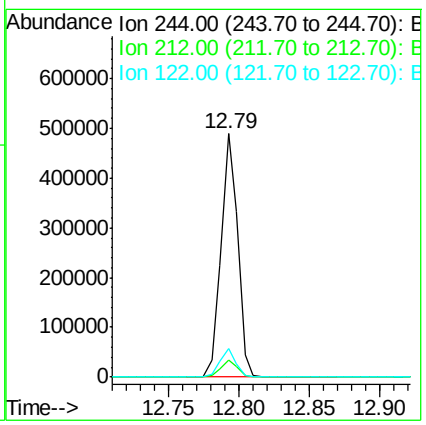


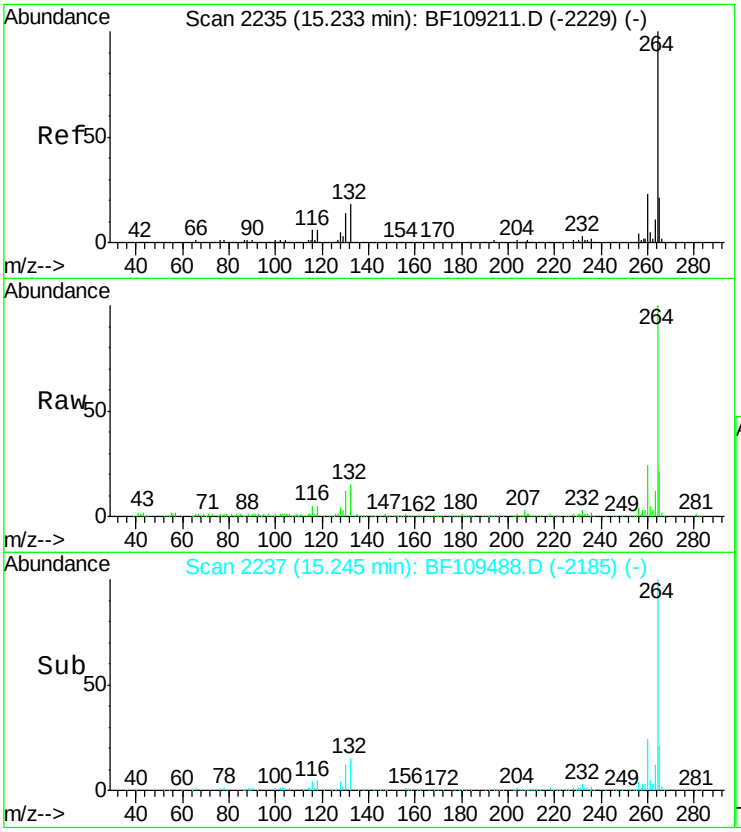


#78
Terphenyl-d14
Concen: 42.089 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Tgt Ion:244 Resp: 400437

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109488.D
Acq: 1 Oct 2018 22:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:264 Resp: 172086

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3