Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111750.D
Acq On : 27 Dec 2018 8:33
Operator : JU/SJ
Sample : J6492-01DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GWDL

Quant Time: Dec 27 12:28:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 11:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110693	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	373366	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	189539	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	379499	20.00	ng		0.00
76) Chrysene-d12	14.06	240	278568	20.00	ng		0.00
87) Perylene-d12	15.55	264	221358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	56629	8.72	ng		0.00
7) Phenol-d6	6.54	99	44388	5.37	ng		0.00
23) Nitrobenzene-d5	7.46	82	96949	15.11	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	43102	19.25	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	190578	14.66	ng		0.00
79) Terphenyl-d14	13.00	244	179131	12.19	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.56	93	34728	3.296	ng	#	55
10) Phenol	6.56	94	47764	5.122	ng	#	70
17) 2-Methylphenol	7.16	107	39269	6.817	ng	#	94
20) 3+4-Methylphenols	7.31	107	74747	10.270	ng	#	65
27) 2,4-Dimethylphenol	7.85	122	239341	44.530	ng		93
31) Naphthalene	8.24	128	9915619	552.720	ng	#	92
37) 2-Methylnaphthalene	8.90	142	458277	39.264	ng		97
38) 1-Methylnaphthalene	9.00	142	470521	41.975	ng		99
46) 1,1'-Biphenyl	9.36	154	130895	8.181	ng		94
52) Acenaphthene	9.97	154	187835	16.455	ng		98
55) Dibenzofuran	10.15	168	255519	14.816	ng		92
56) 4-Nitrophenol	10.07	139	7232	3.215	ng	#	58
58) Fluorene	10.49	166	147218	11.846	ng		99
71) Phenanthrene	11.45	178	237453	11.798	ng		93
73) Carbazole	11.66	167	208007	10.606	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Acq On : 27 Dec 2018 8:33
Operator : JU/SJ
Sample : J6492-01DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Quant Time: Dec 27 12:28:08 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 11:05:37 2018
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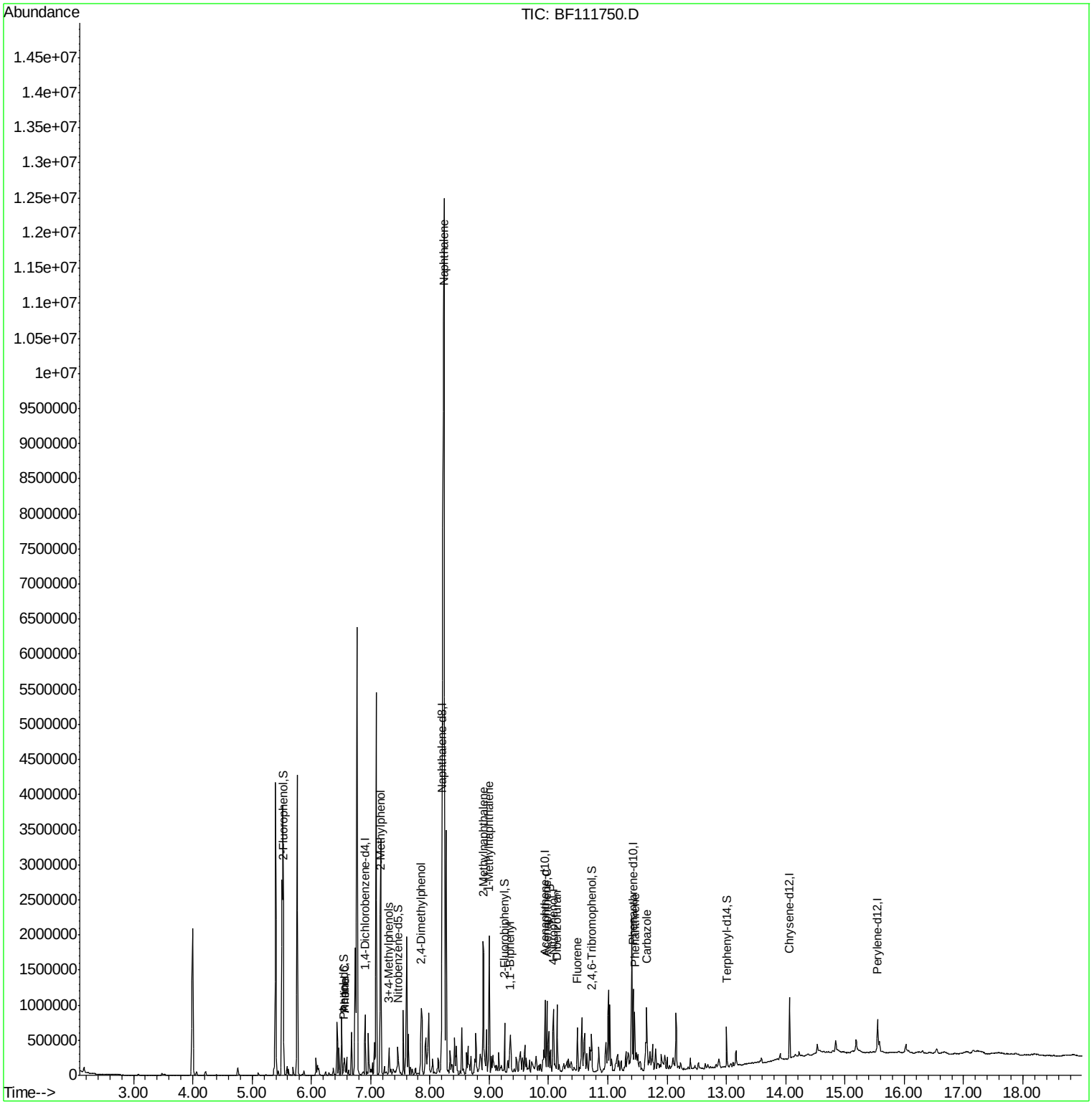
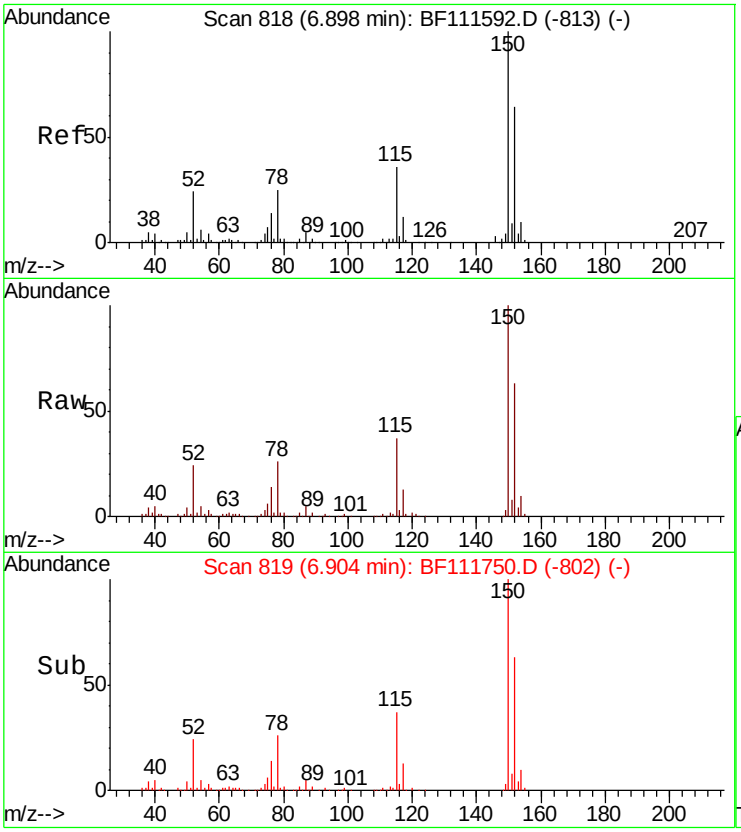


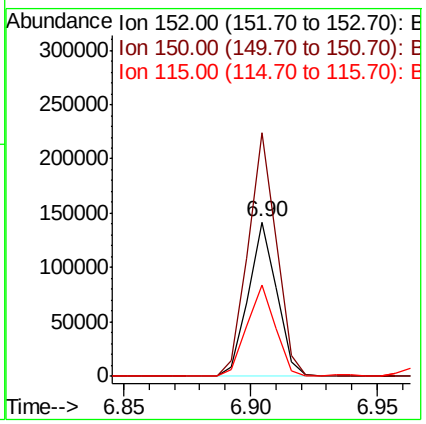


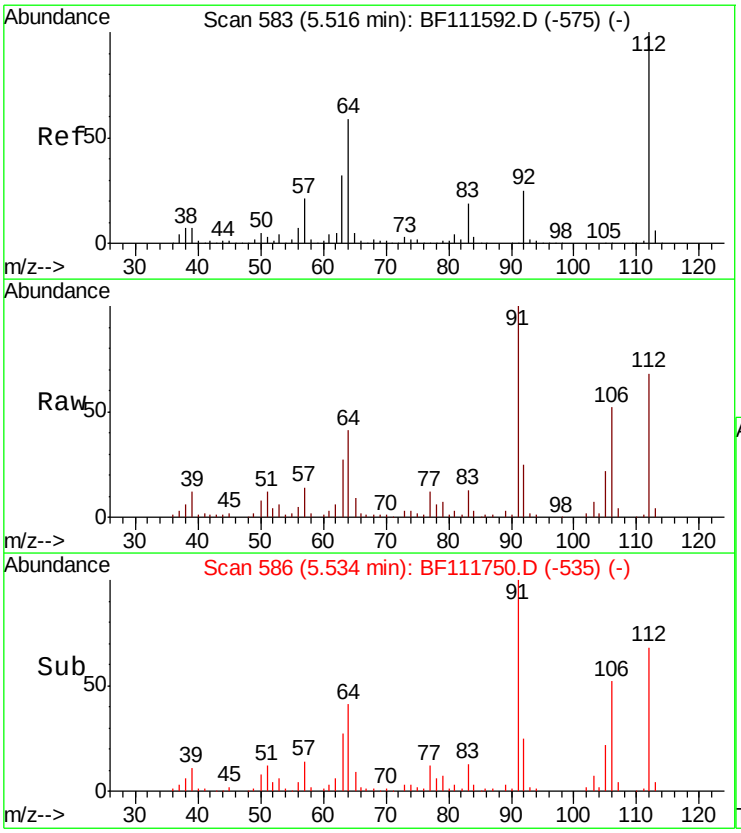
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:152 Resp: 110693

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	58.9	50.7	76.1

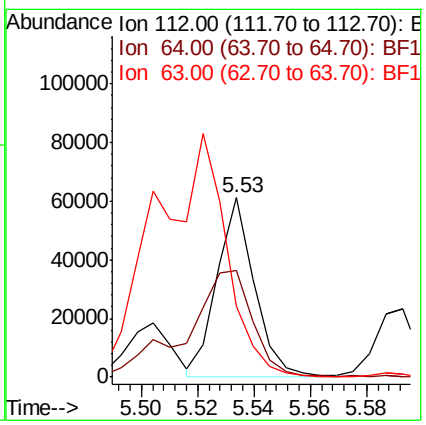


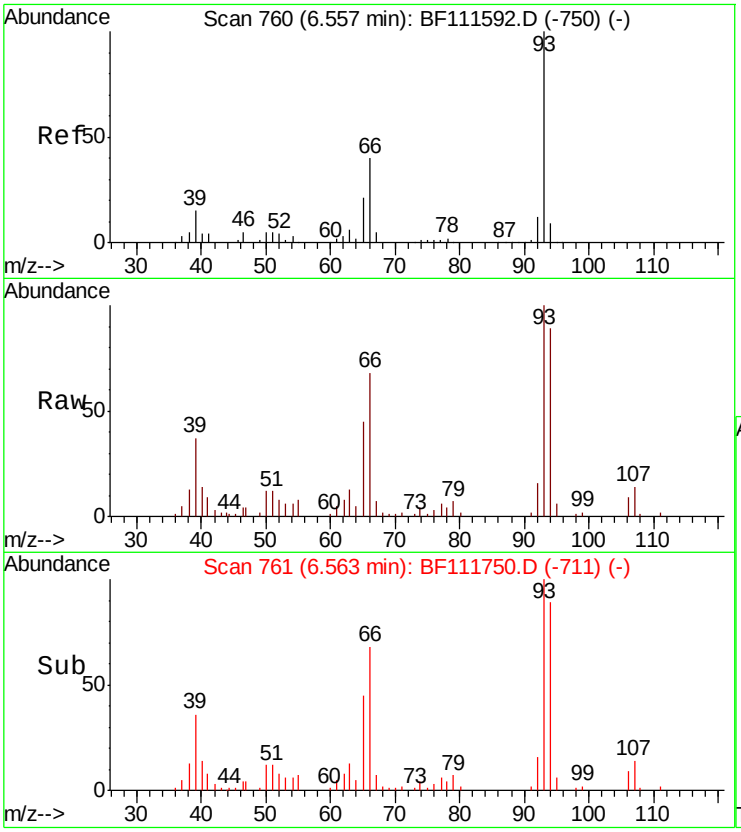


#5
2-Fluorophenol
Concen: 8.720 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:112 Resp: 56629

Ion	Ratio	Lower	Upper
112	100		
64	59.8	51.8	77.6
63	39.3	26.8	40.2



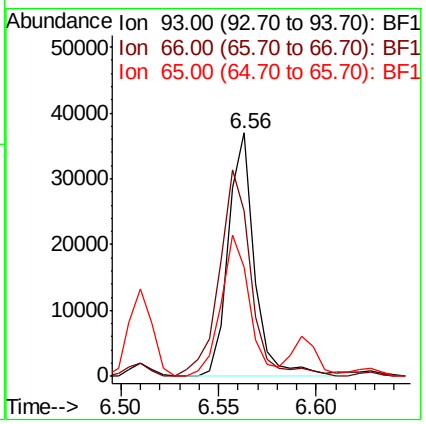


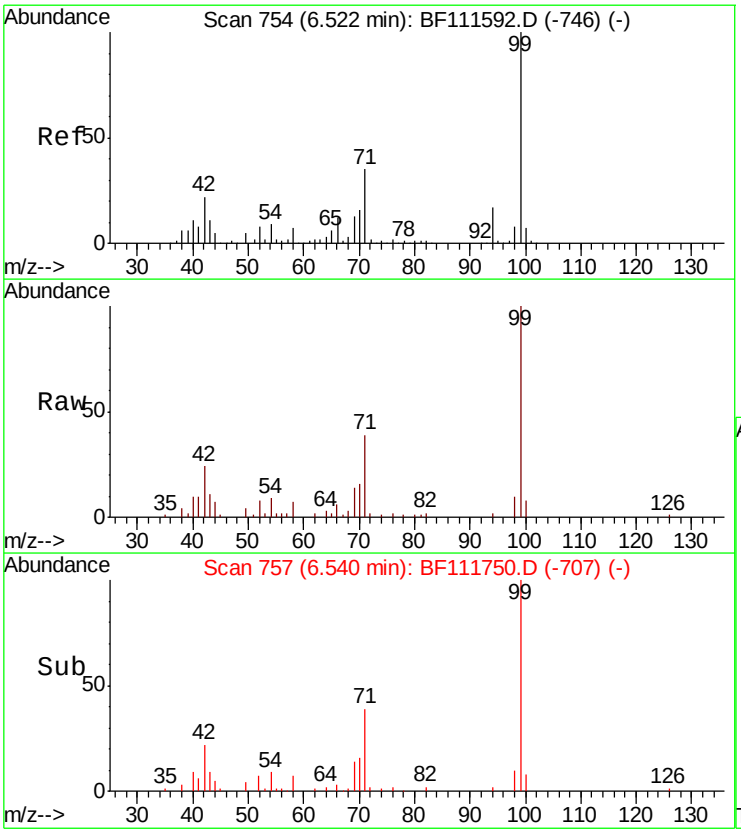
#6
Aniline
Concen: 3.296 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion: 93 Resp: 34728

Ion	Ratio	Lower	Upper
93	100		
66	68.1	33.2	49.8#
65	44.9	17.0	25.4#

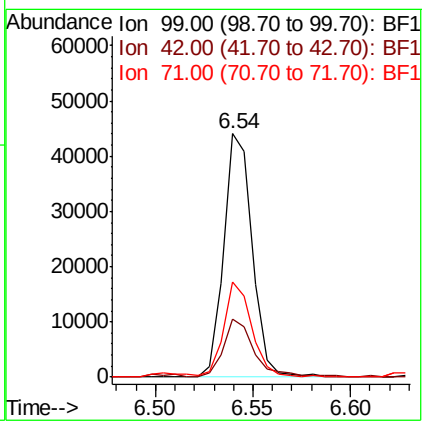


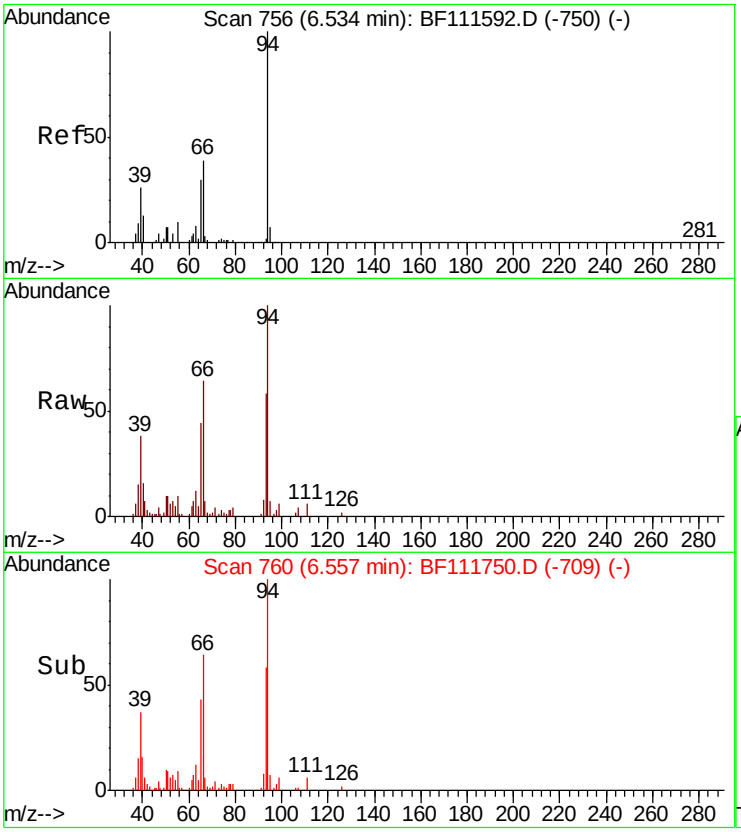


#7
Phenol-d6
Concen: 5.371 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion: 99 Resp: 44388

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.4	26.0
71	39.1	26.1	39.1#



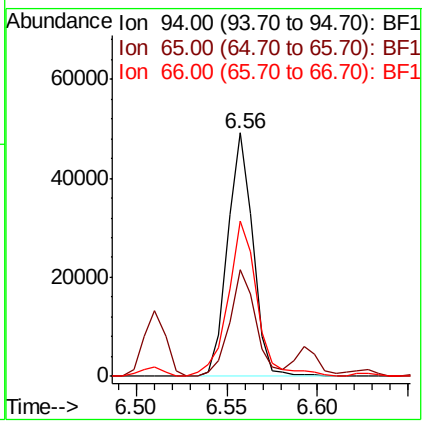


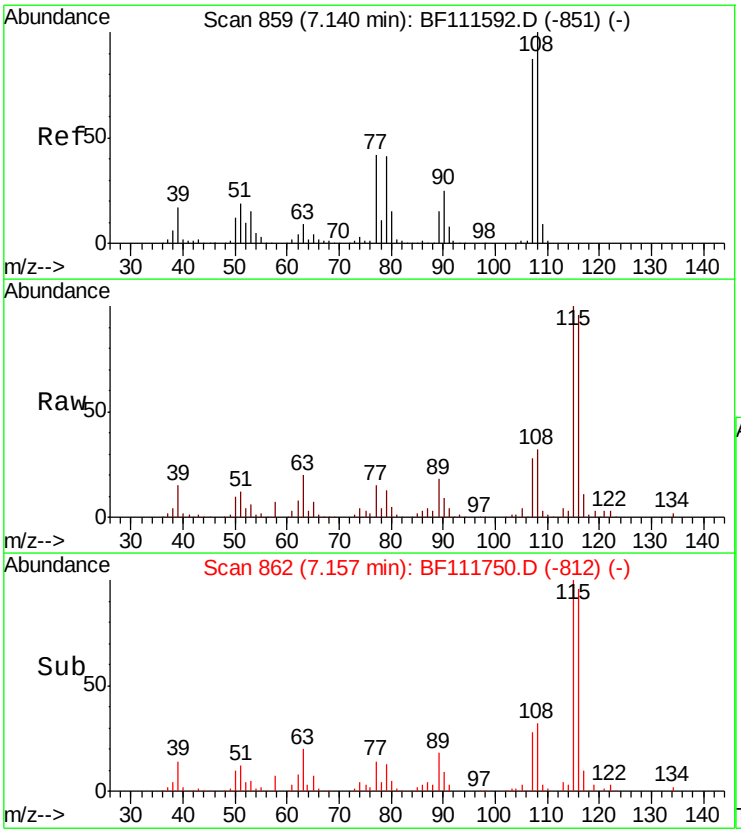
#10
Phenol
Concen: 5.122 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion: 94 Resp: 47764

Ion	Ratio	Lower	Upper
94	100		
65	43.6	11.7	51.7
66	63.9	21.0	61.0#

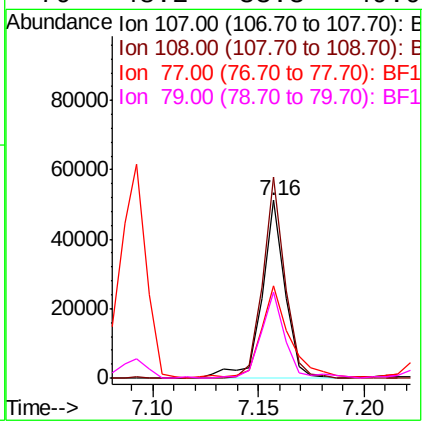


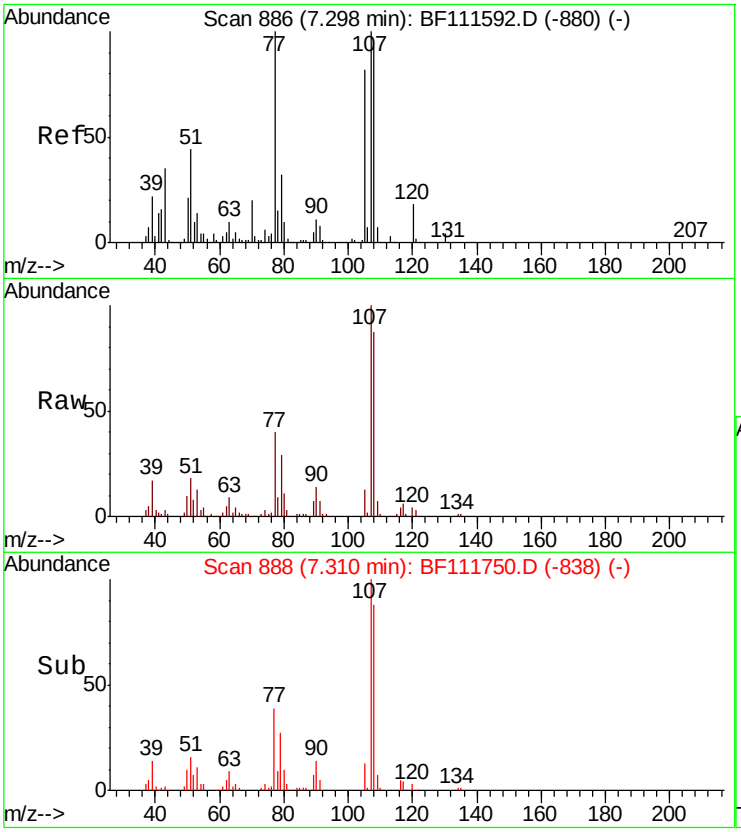


#17
2-Methylphenol
Concen: 6.817 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:107 Resp: 39269

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.0	136.4
77	52.0	33.5	50.3#
79	48.2	33.3	49.9



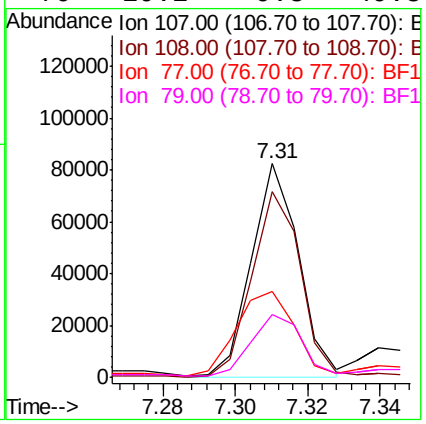


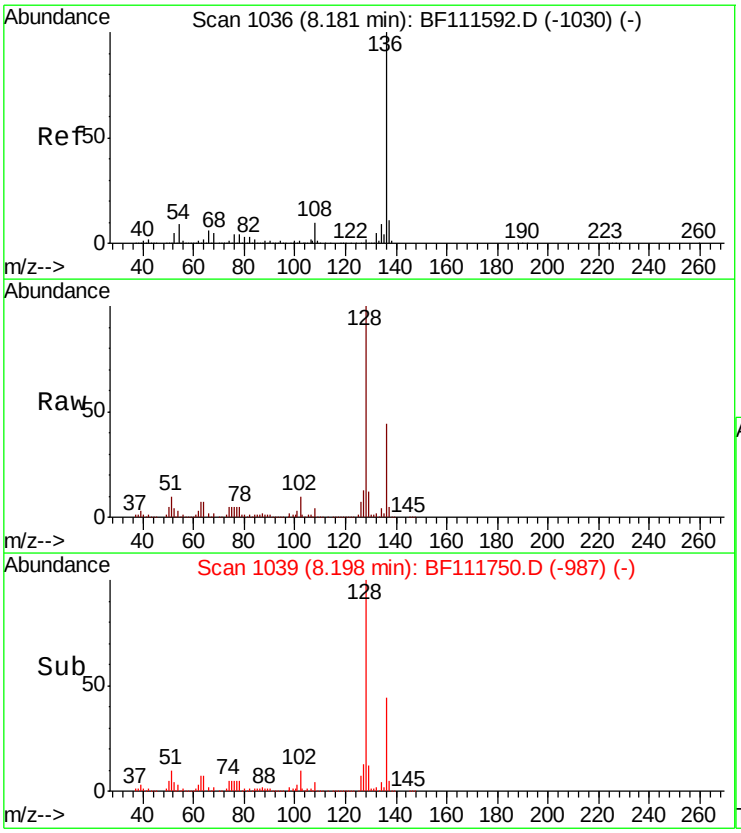
#20
3+4-Methylphenols
Concen: 10.270 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:107 Resp: 74747

Ion	Ratio	Lower	Upper
107	100		
108	86.7	72.1	112.1
77	40.2	94.1	134.1#
79	29.2	9.8	49.8

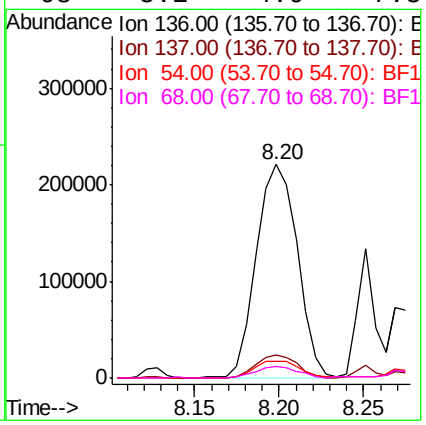


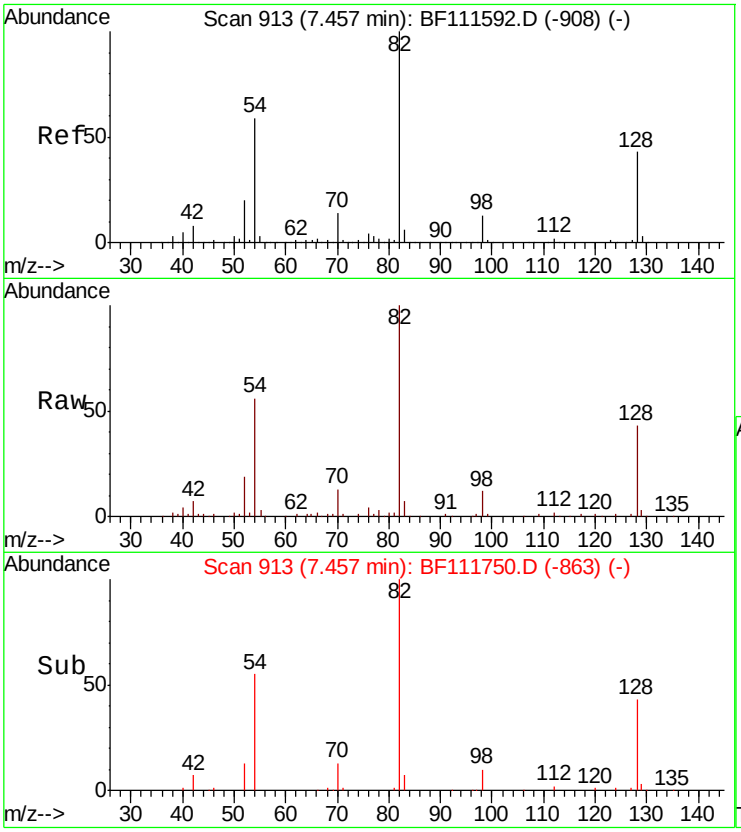


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:136 Resp: 373366

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.8	7.7	11.5
68	5.2	4.9	7.3



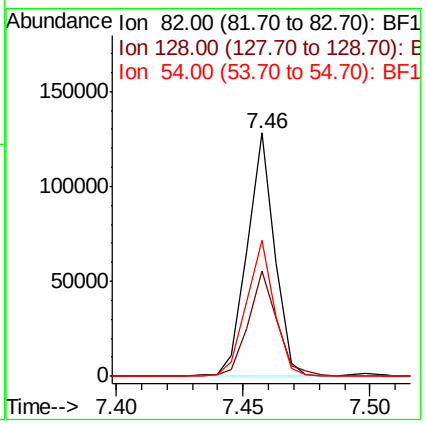


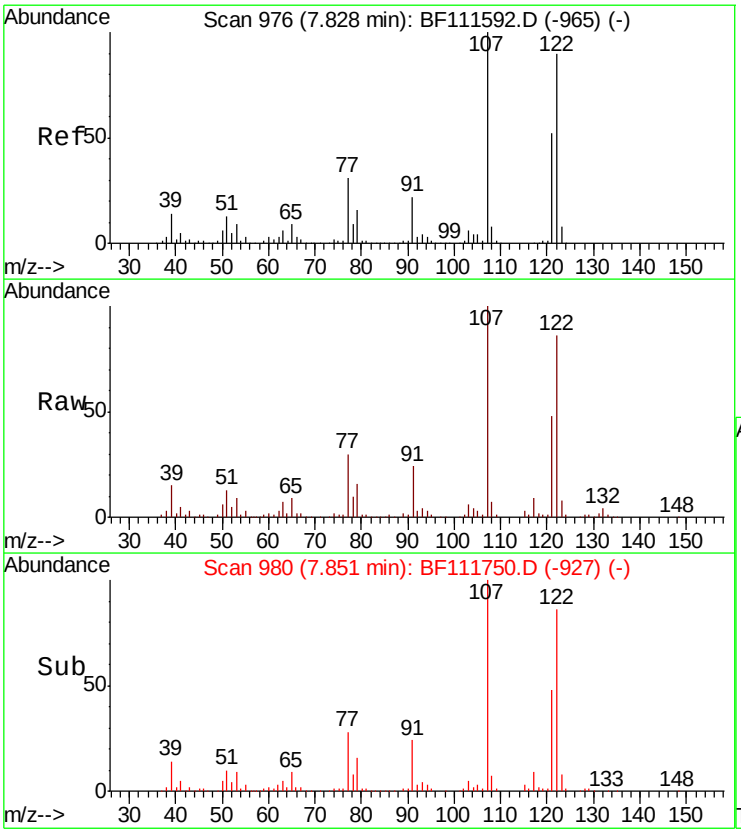
#23
Nitrobenzene-d5
Concen: 15.114 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion: 82 Resp: 96949

Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.4	56.2
54	55.7	47.6	71.4

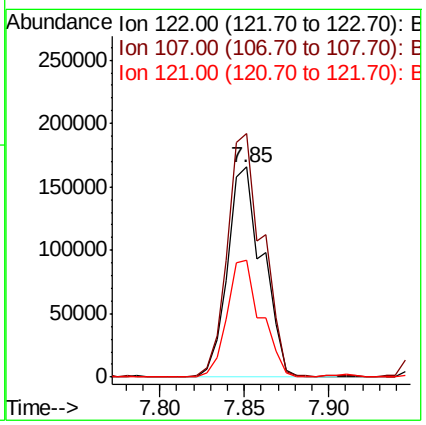


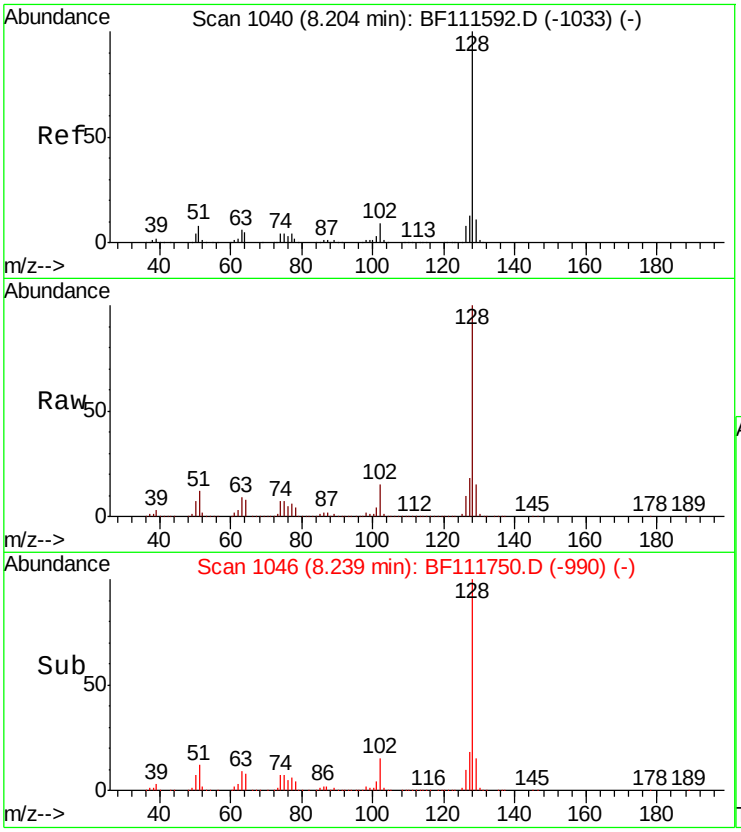


#27
2,4-Dimethylphenol
Concen: 44.530 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:122 Resp: 239341

Ion	Ratio	Lower	Upper
122	100		
107	116.1	85.5	128.3
121	55.8	46.6	70.0



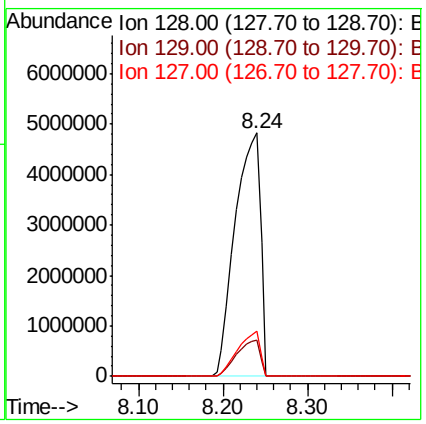


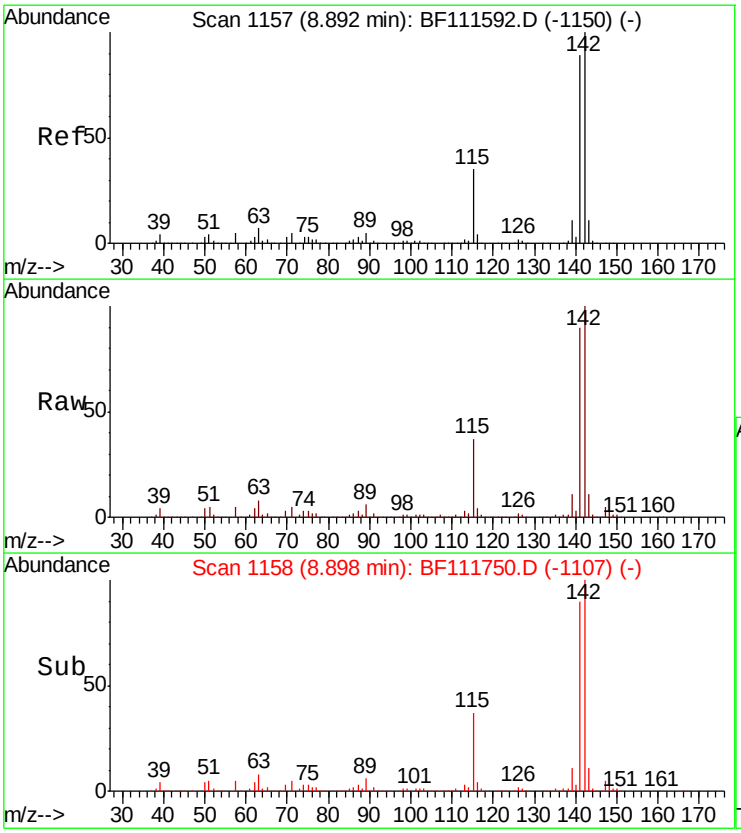
#31
Naphthalene
Concen: 552.720 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:128 Resp: 9915619

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.8	14.8#
127	18.4	12.0	18.0#

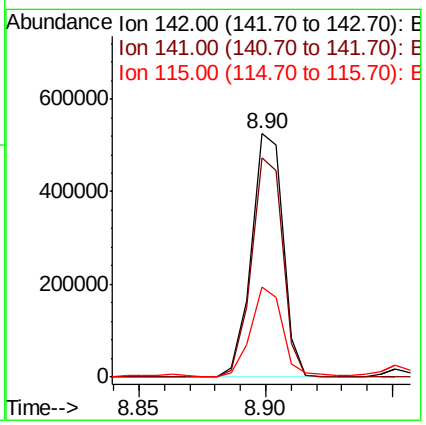


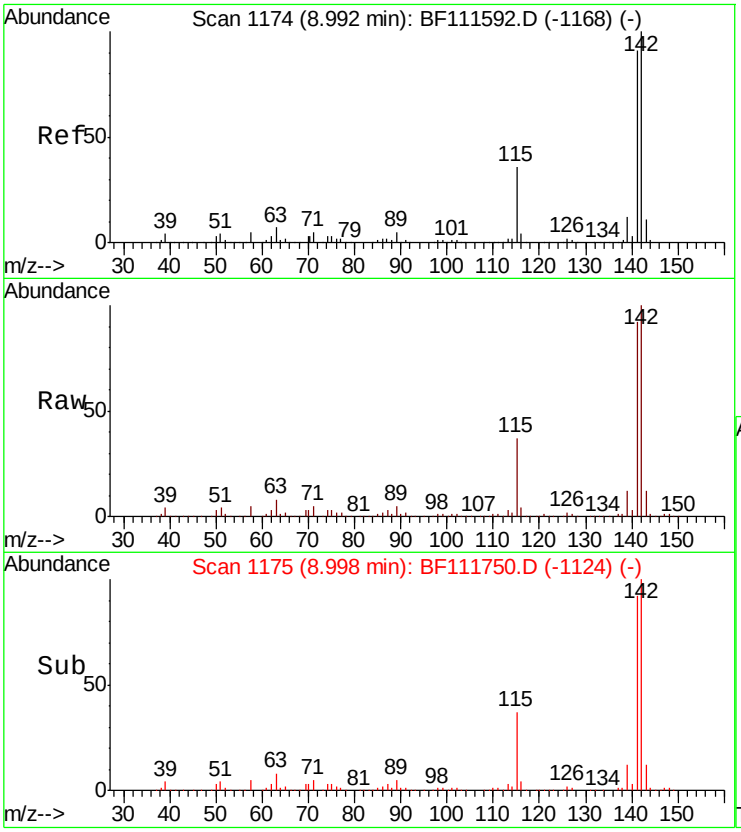


#37
2-Methylnaphthalene
Concen: 39.264 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:142 Resp: 458277

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.6	105.8
115	37.2	27.0	40.6



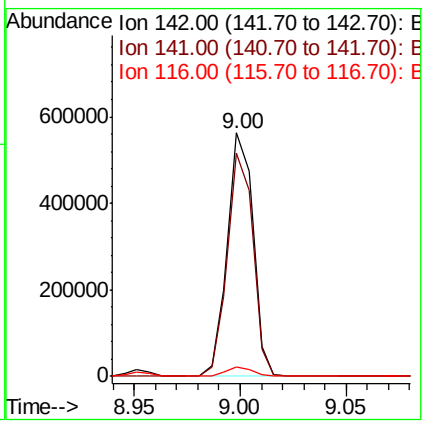


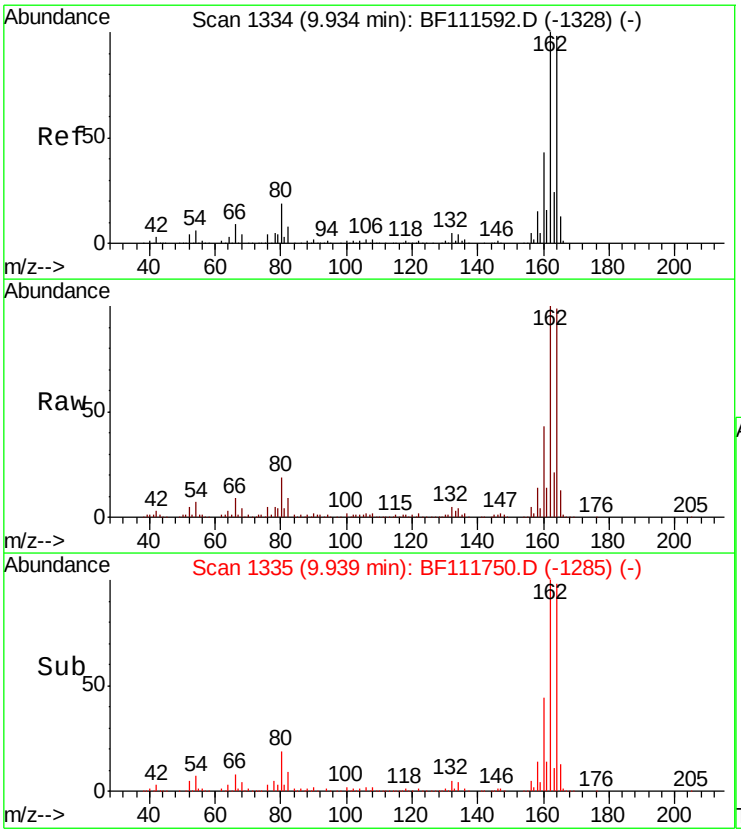
#38
1-Methylnaphthalene
Concen: 41.975 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:142 Resp: 470521

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	3.8	2.9	4.3

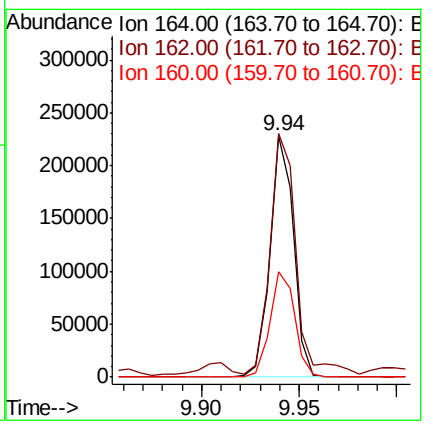


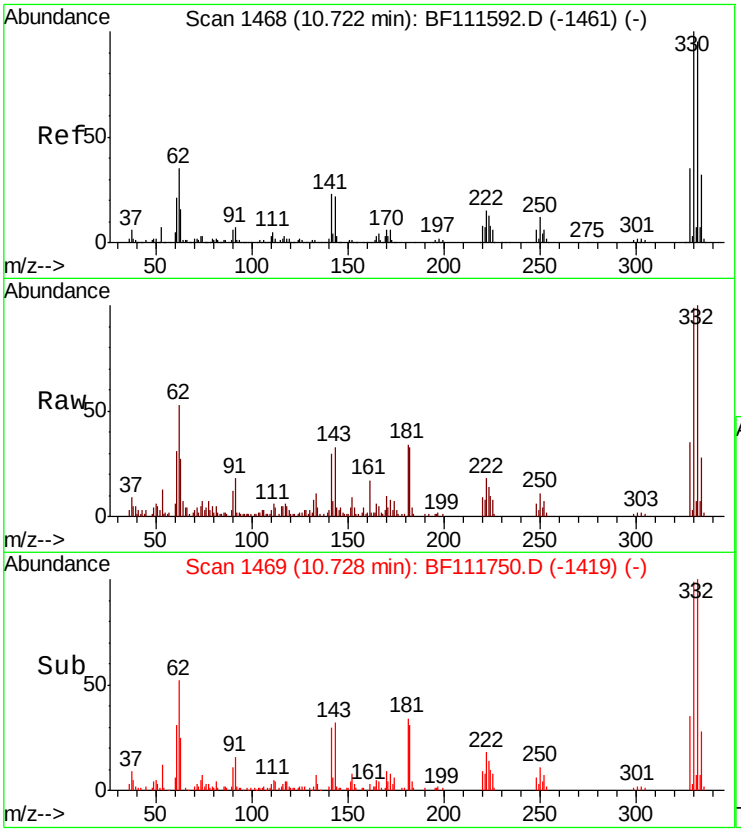


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:164 Resp: 189539

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	43.7	35.7	53.5



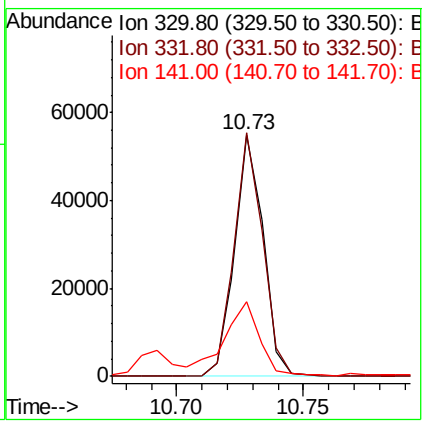


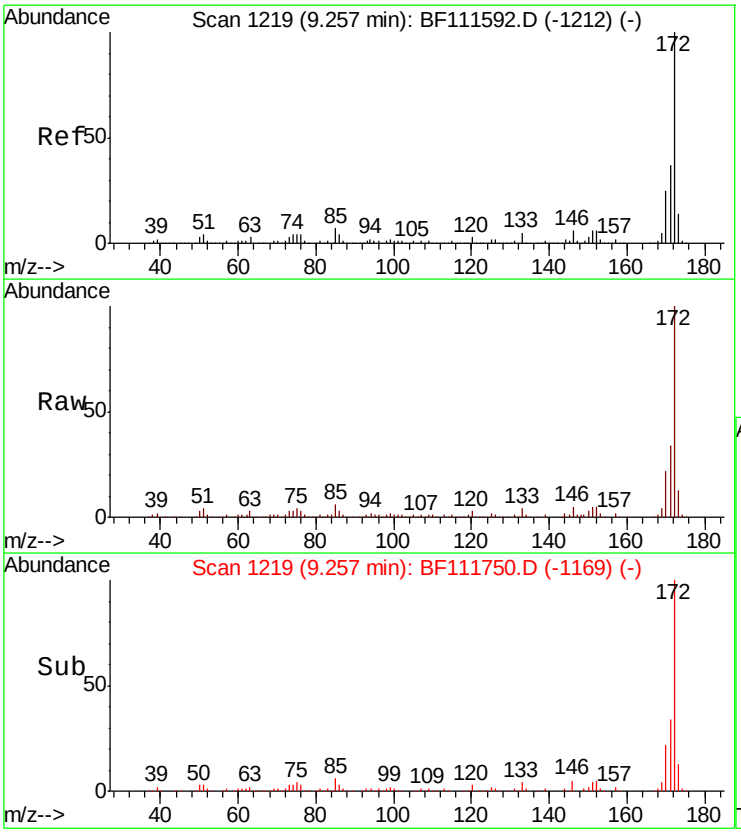
#42
2,4,6-Tribromophenol
Concen: 19.246 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:330 Resp: 43102

Ion	Ratio	Lower	Upper
330	100		
332	100.4	76.0	114.0
141	39.1	31.0	46.6

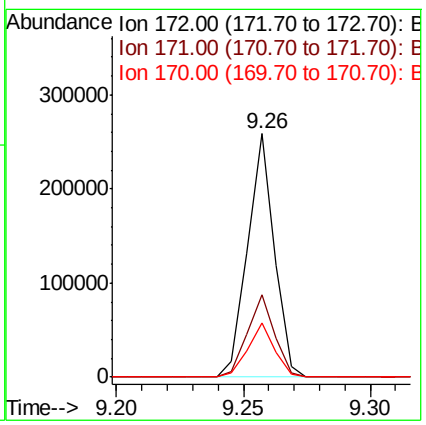


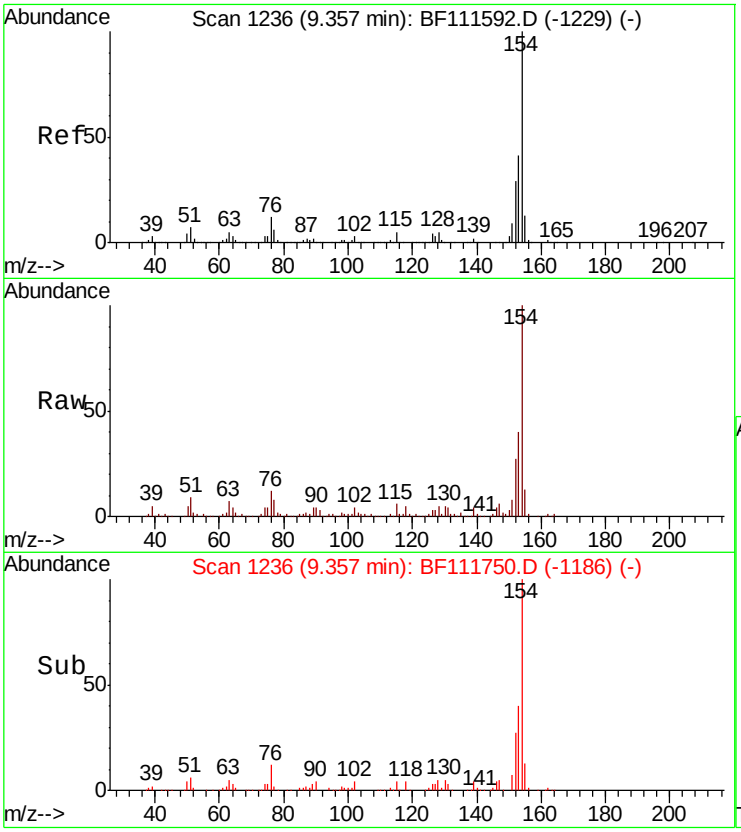


#45
2-Fluorobiphenyl
Concen: 14.656 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:172 Resp: 190578

Ion	Ratio	Lower	Upper
172	100		
171	33.7	33.0	49.4
170	22.2	22.3	33.5#



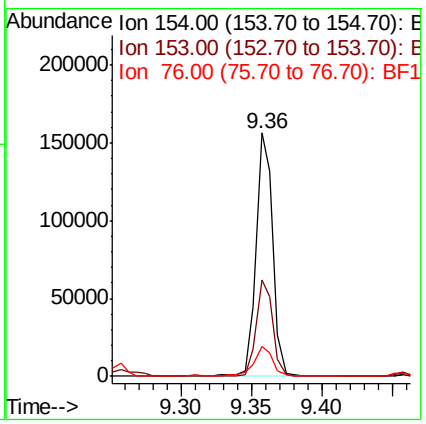


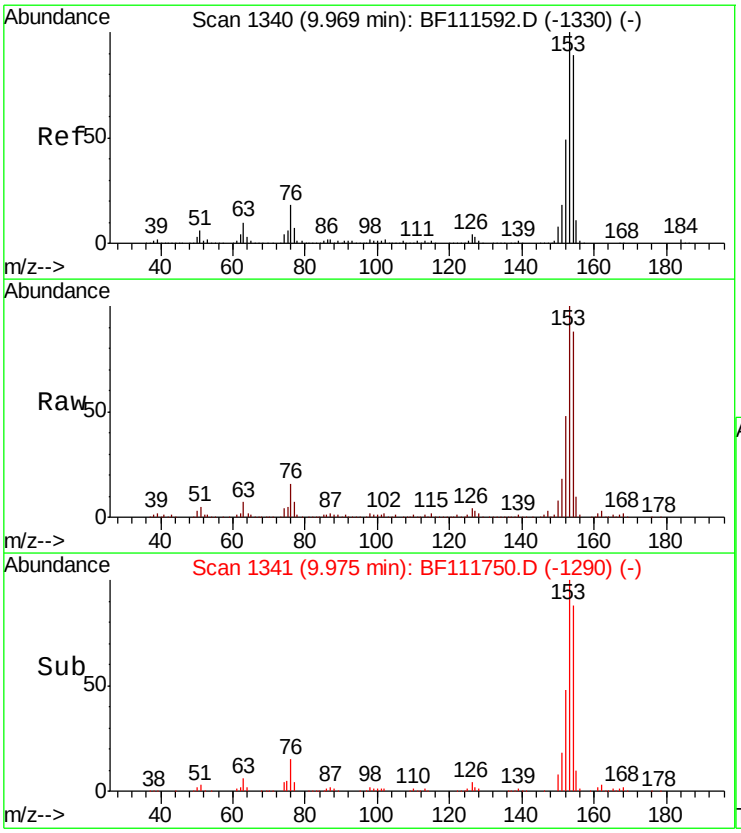
#46
1,1'-Biphenyl
Concen: 8.181 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:154 Resp: 130895

Ion	Ratio	Lower	Upper
154	100		
153	39.5	23.7	63.7
76	12.5	0.0	35.0

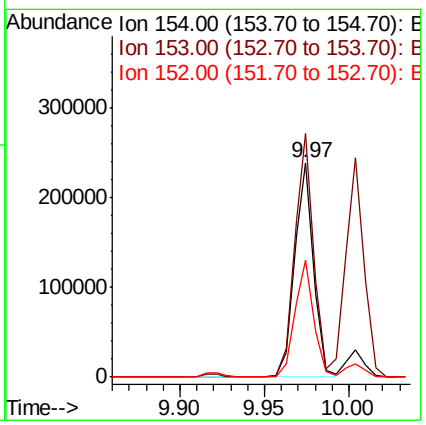


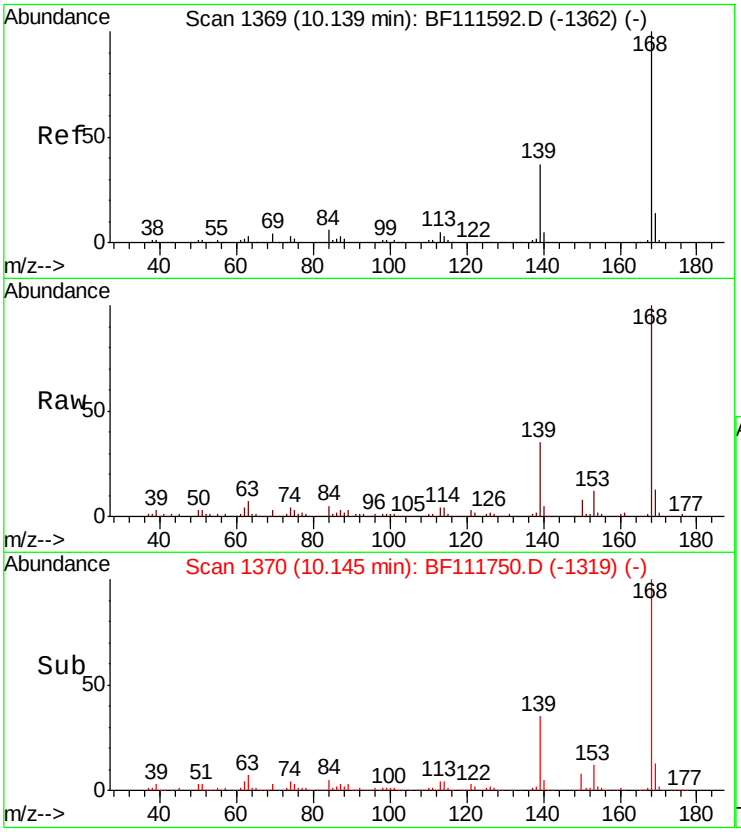


#52
Acenaphthene
Concen: 16.455 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:154 Resp: 187835

Ion	Ratio	Lower	Upper
154	100		
153	113.6	87.8	131.8
152	54.3	43.4	65.2



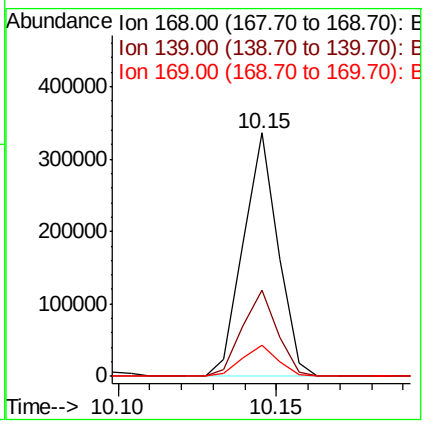


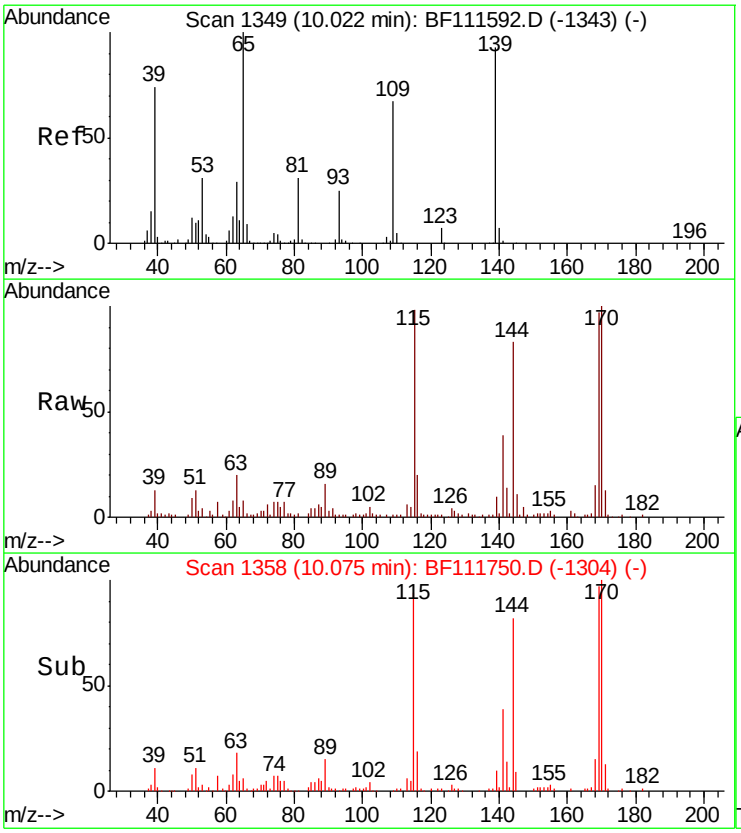
#55
Dibenzofuran
Concen: 14.816 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:168 Resp: 255519

Ion	Ratio	Lower	Upper
168	100		
139	35.2	32.6	49.0
169	12.8	11.8	17.6

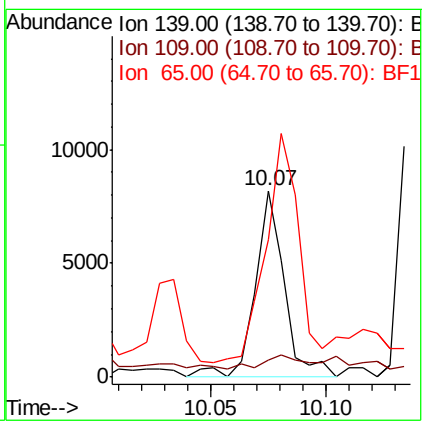


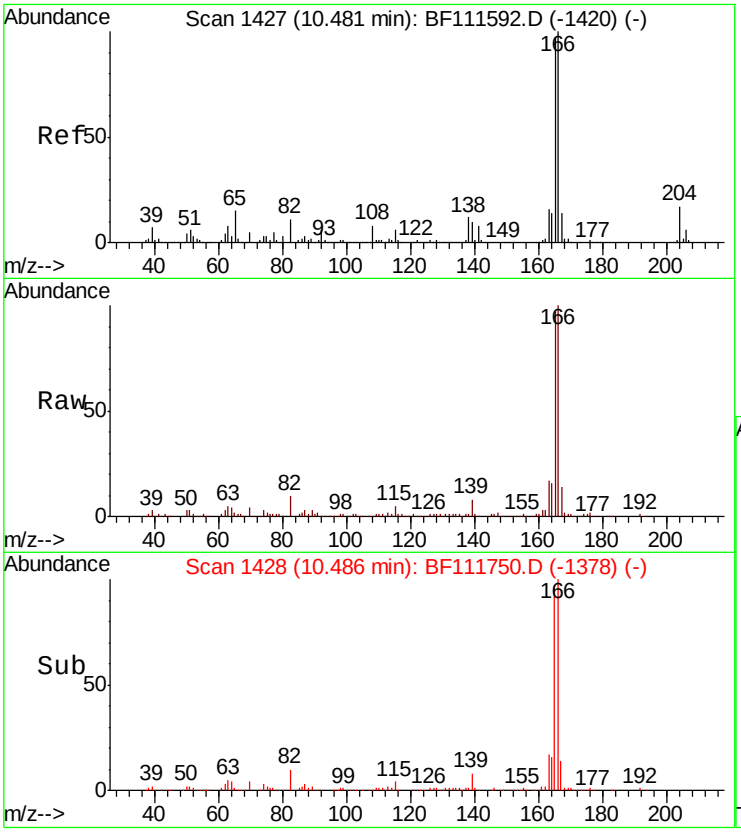


#56
4-Nitrophenol
Concen: 3.215 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:139 Resp: 7232

Ion	Ratio	Lower	Upper
139	100		
109	9.1	41.8	81.8#
65	73.8	79.6	119.6#



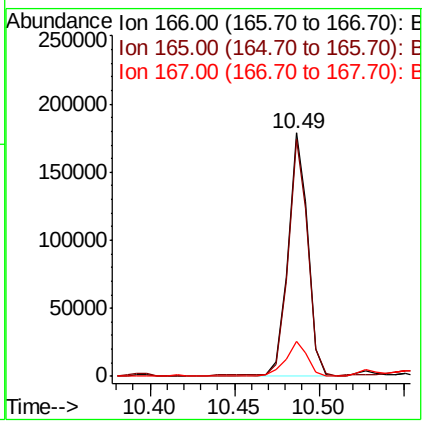


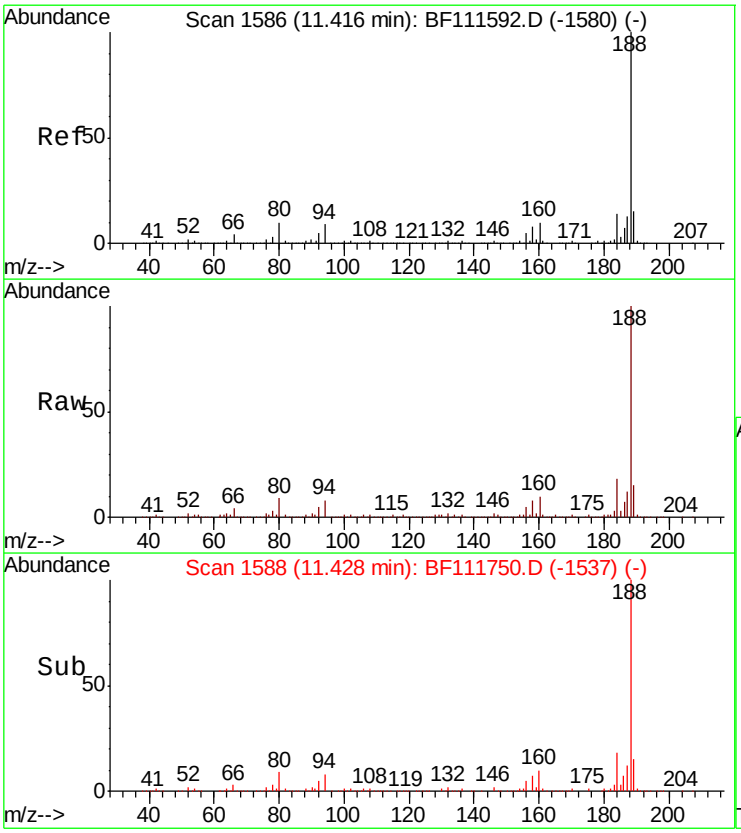
#58
Fluorene
Concen: 11.846 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:166 Resp: 147218

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	14.4	11.2	16.8

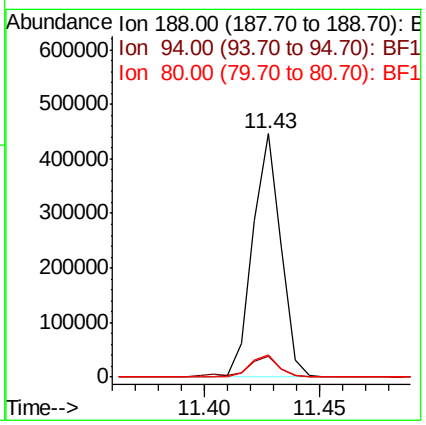


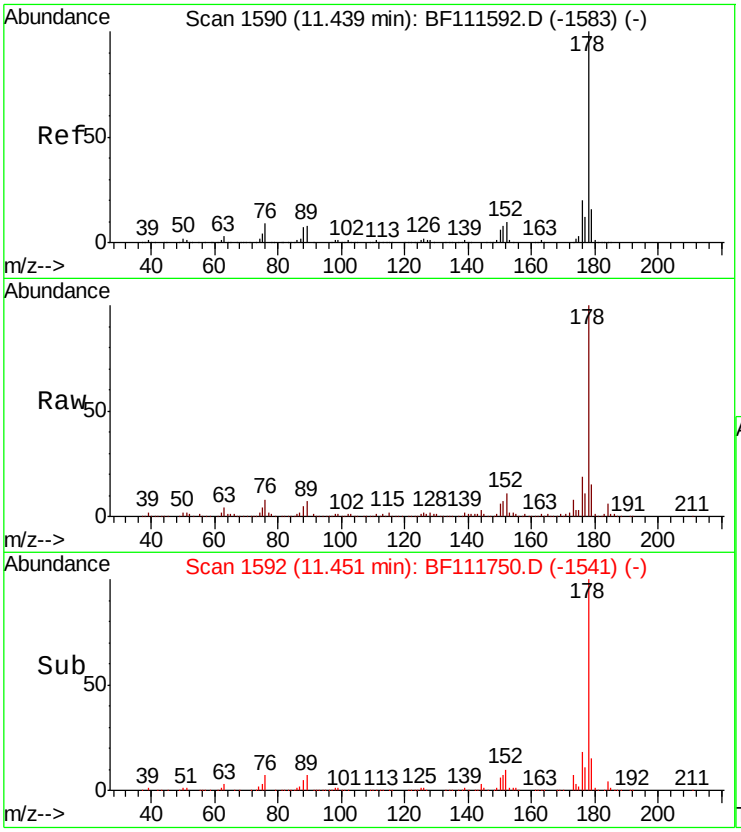


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:188 Resp: 379499

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.6	14.4#
80	9.1	9.8	14.6#



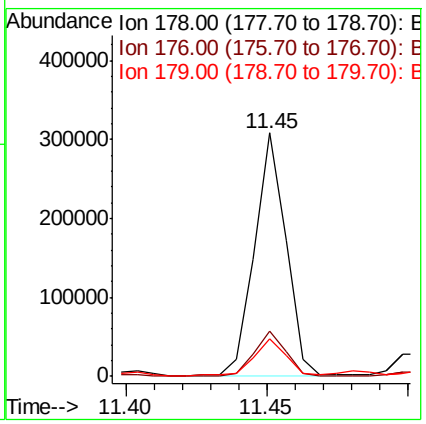


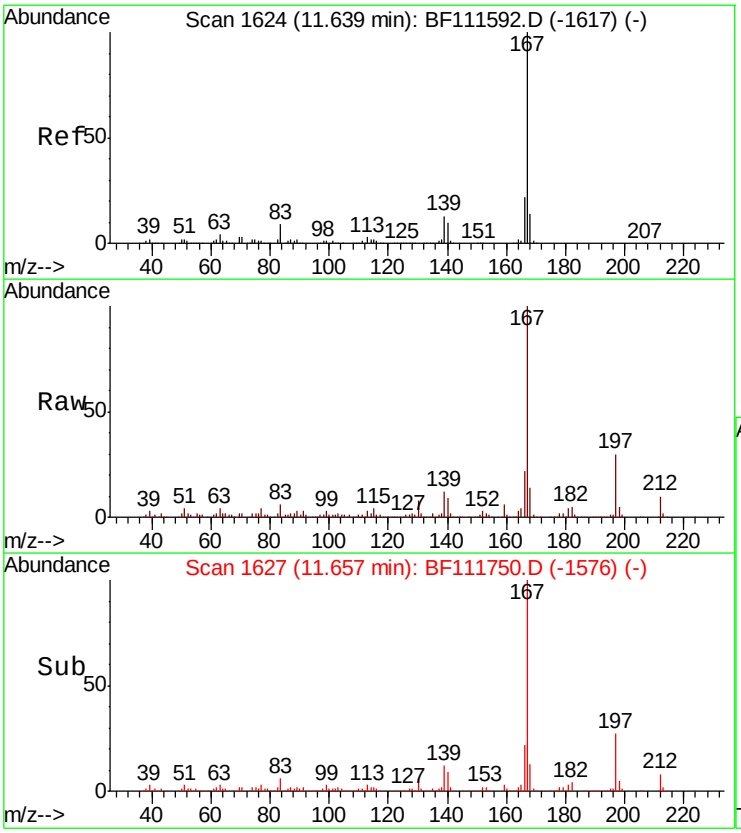
#71
Phenanthrene
Concen: 11.798 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:178 Resp: 237453

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	15.3	14.0	21.0

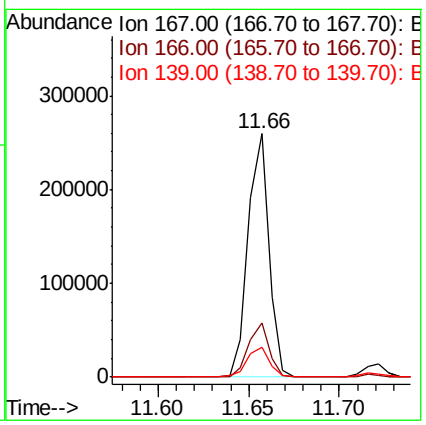


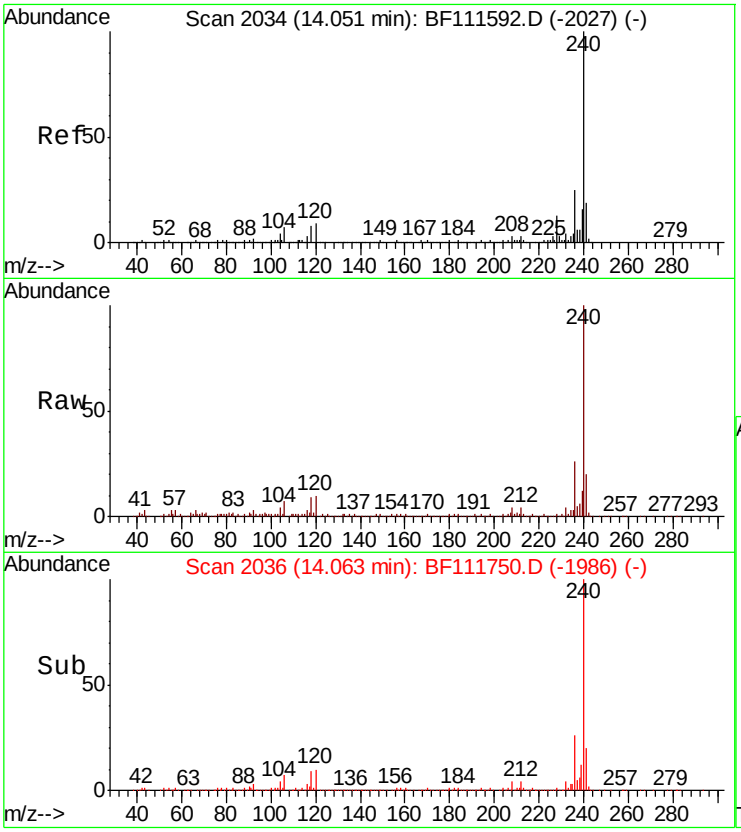


#73
Carbazole
Concen: 10.606 ng
RT: 11.66 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:167 Resp: 208007

Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.3	28.9
139	12.1	11.9	17.9



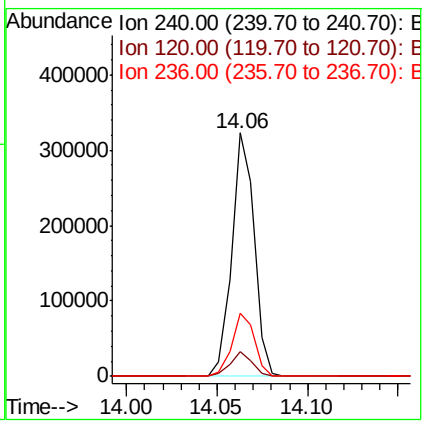


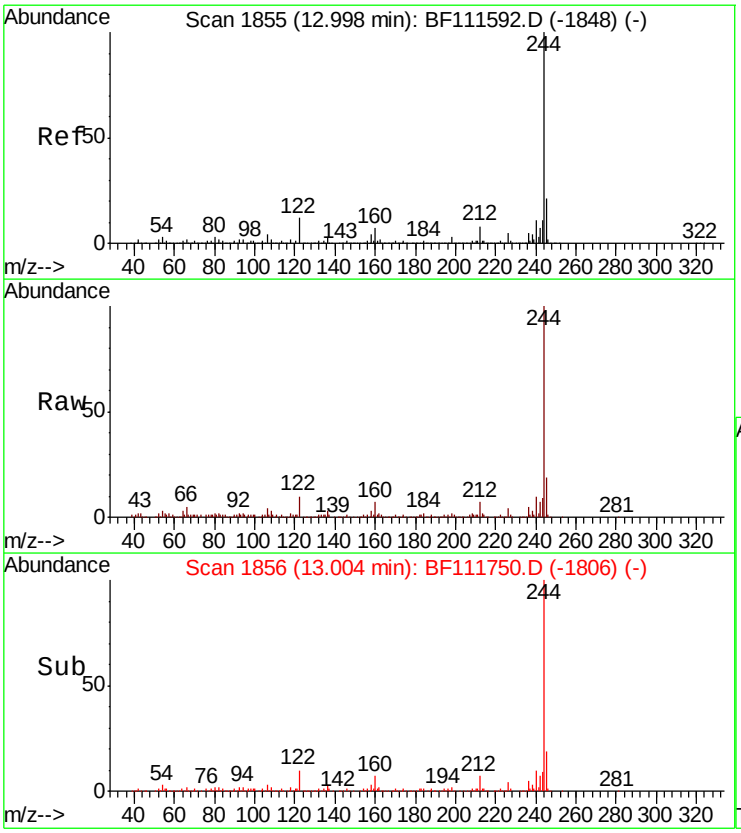
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:240 Resp: 278568

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.8	20.2	30.2

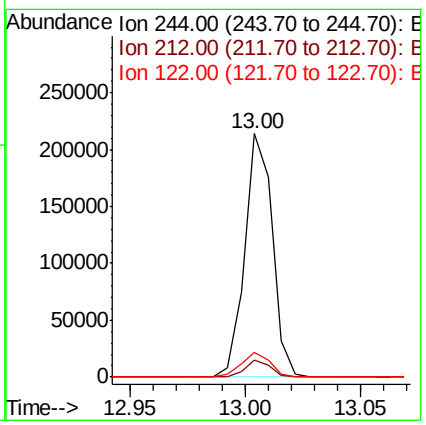


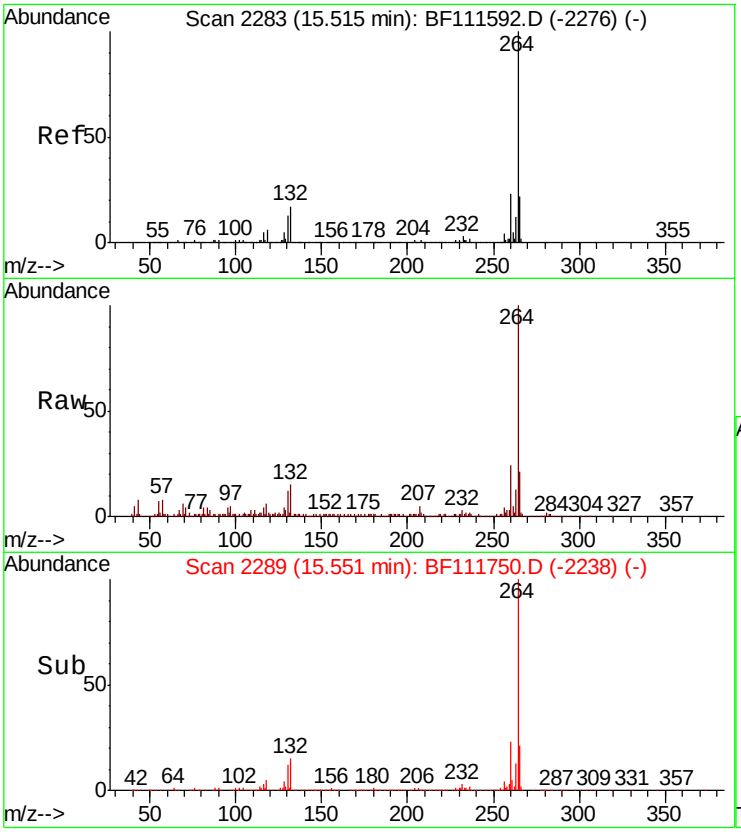


#79
Terphenyl-d14
Concen: 12.195 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Tgt Ion:244 Resp: 179131

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.1	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF111750.D
Acq: 27 Dec 2018 8:33

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tgt Ion:264 Resp: 221358

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.5	17.7	26.5