Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097718.D
Acq On : 16 Aug 2017 4:30
Operator : SJ/JU
Sample : I4751-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30-COMP

Quant Time: Aug 16 07:10:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	136435	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	536493	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	234070	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	395750	20.00	ng		0.00
75) Chrysene-d12	13.94	240	276691	20.00	ng		0.00
86) Perylene-d12	15.37	264	256765	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	826060	92.10	ng		0.00
7) Phenol-d6	6.41	99	1128821	92.62	ng		0.00
23) Nitrobenzene-d5	7.35	82	659650	66.80	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	179729	88.50	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	928874	58.30	ng		0.00
78) Terphenyl-d14	12.89	244	617465	46.54	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.42	94	44168	3.10	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	89868	10.77	ng	#	73
25) Isophorone	7.35	82	657403	32.01	ng	#	67
31) Naphthalene	8.09	128	389051	13.97	ng		100
32) Benzoic acid	7.85	122	2836	6.80	ng	#	28
33) 4-Chloroaniline	8.09	127	51949	4.42	ng	#	33
37) 2-Methylnaphthalene	8.78	142	54075	3.17	ng		96
48) Acenaphthylene	9.68	152	99391	4.01	ng		98
49) Dimethylphthalate	9.54	163	117308	6.86	ng		97
51) Acenaphthene	9.85	154	80723	5.17	ng		99
54) Dibenzofuran	10.02	168	58778	2.81	ng		98
57) Fluorene	10.36	166	83456	5.16	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	453	8.52	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	11852	2.88	ng	#	1
70) Phenanthrene	11.33	178	758735	35.98	ng		99
71) Anthracene	11.37	178	209911	9.81	ng		98
72) Carbazole	11.53	167	49519	2.44	ng		97
74) Fluoranthene	12.52	202	793998	36.07	ng		98
77) Pyrene	12.75	202	918381	40.58	ng		98
80) Benzo(a)anthracene	13.96	228	350834	21.16	ng		95
82) Chrysene	13.96	228	350834	21.27	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	29790	2.45	ng		93
87) Benzo(b)fluoranthene	14.96	252	538687	33.28	ng		99
88) Benzo(k)fluoranthene	15.06	252	76510	5.03	ng		94
89) Benzo(a)pyrene	15.31	252	338658	23.64	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	31337	2.69	ng		97
91) Benzo(g,h,i)perylene	17.19	276	176672	14.52	ng		94

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

Quantitation Report (Not Reviewed)

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Data File : BF097718.D
Acq On : 16 Aug 2017 4:30
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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Quant Time: Aug 16 07:10:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
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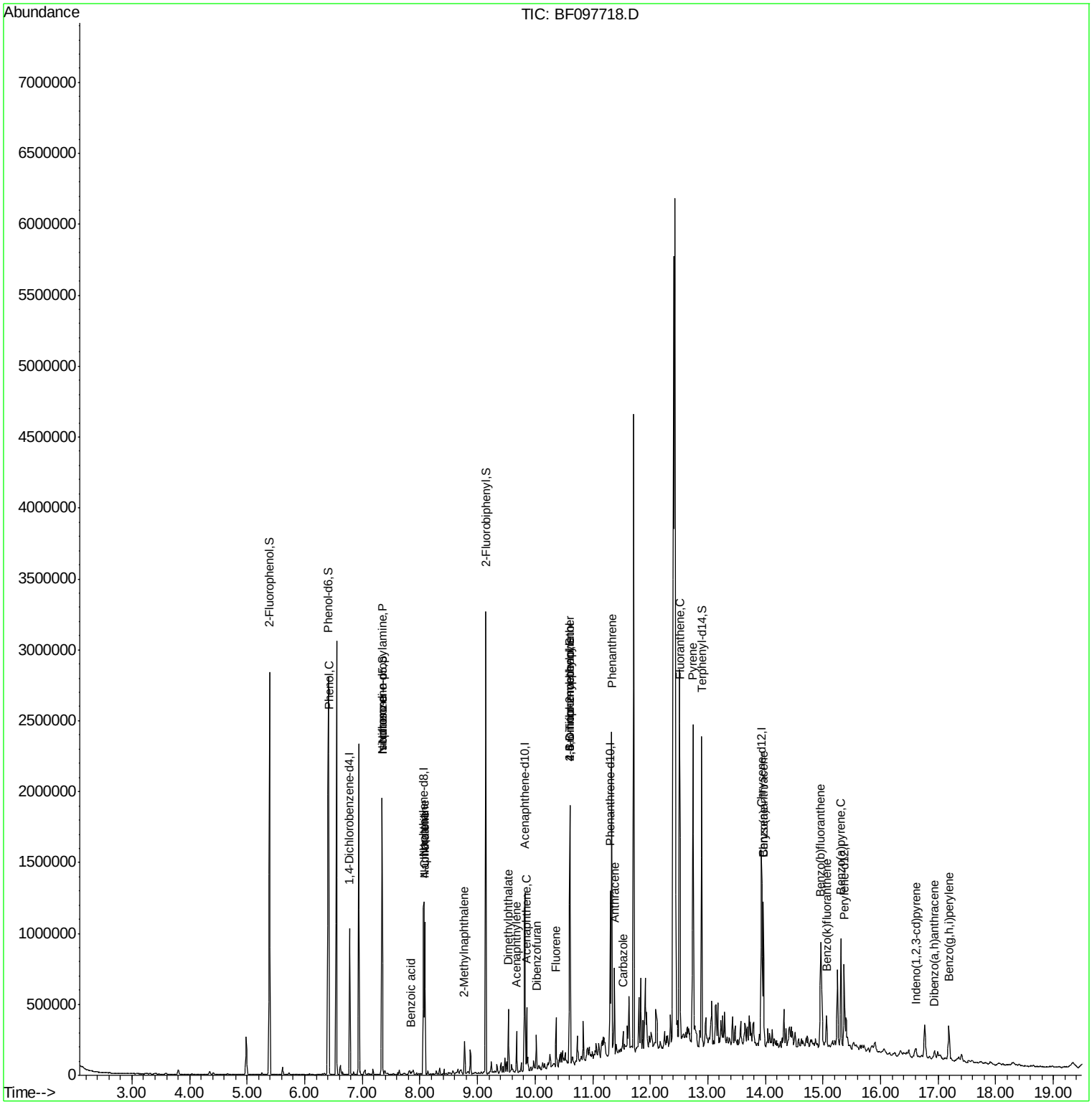
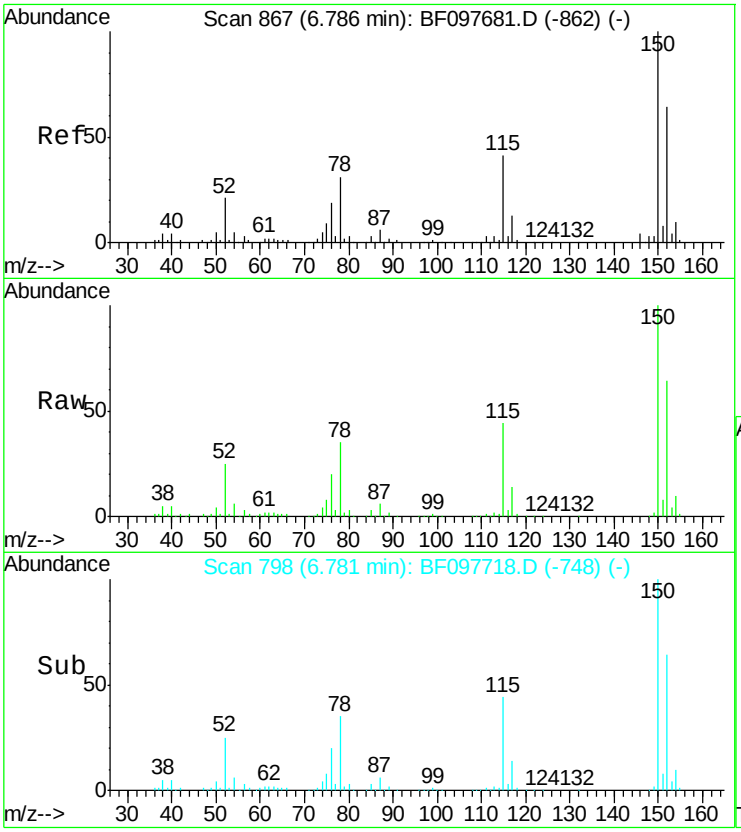


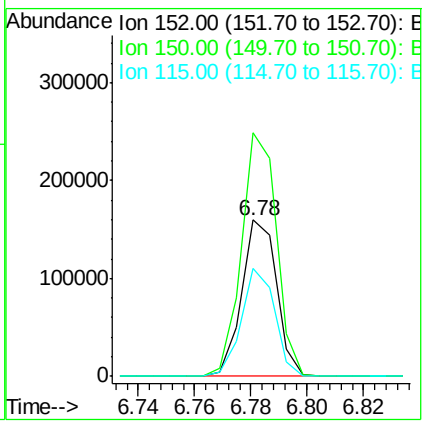


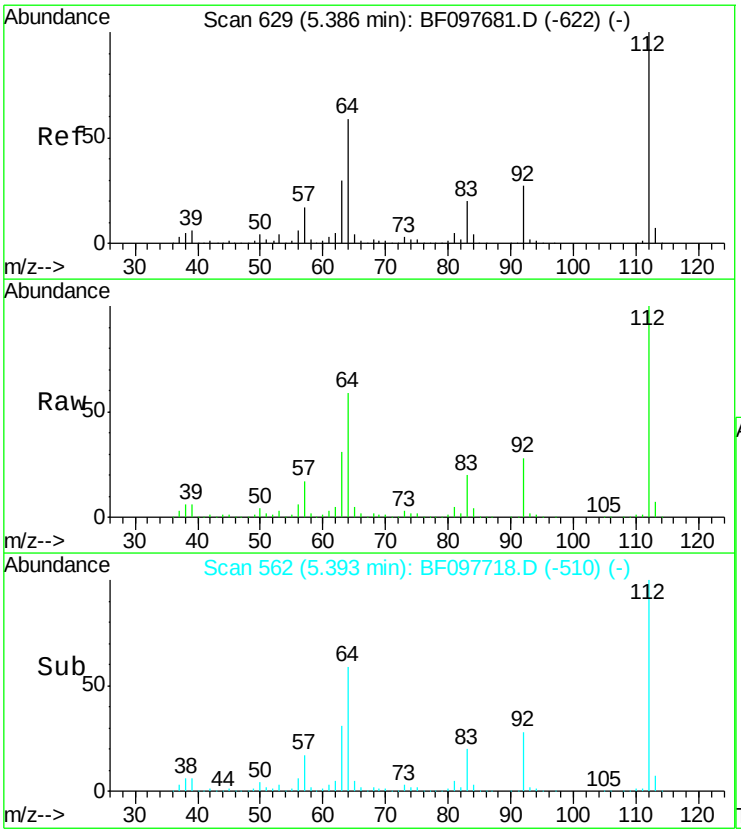
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:152 Resp: 136435

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	69.0	52.2	78.2

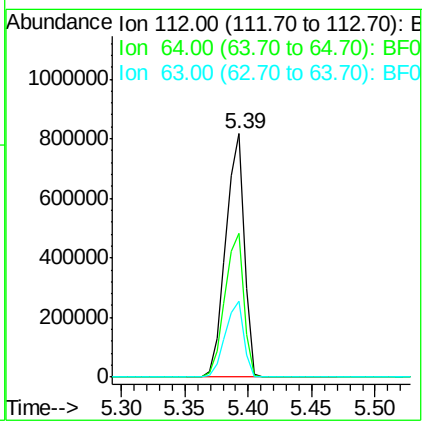


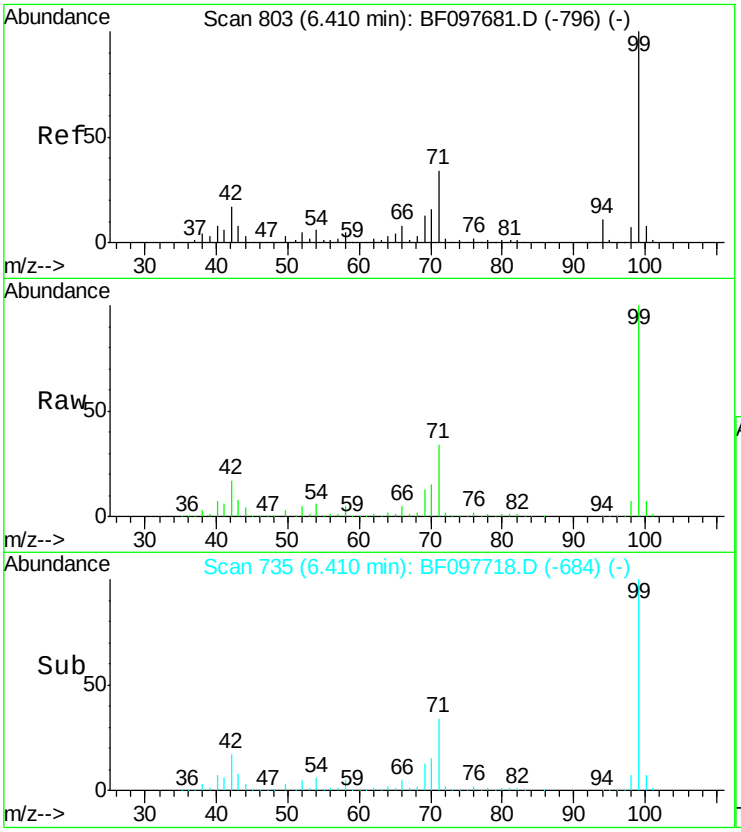


#5
2-Fluorophenol
Concen: 92.10 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:112 Resp: 826060

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	31.0	23.4	35.0



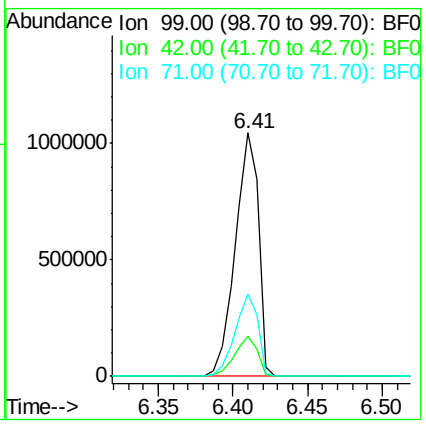


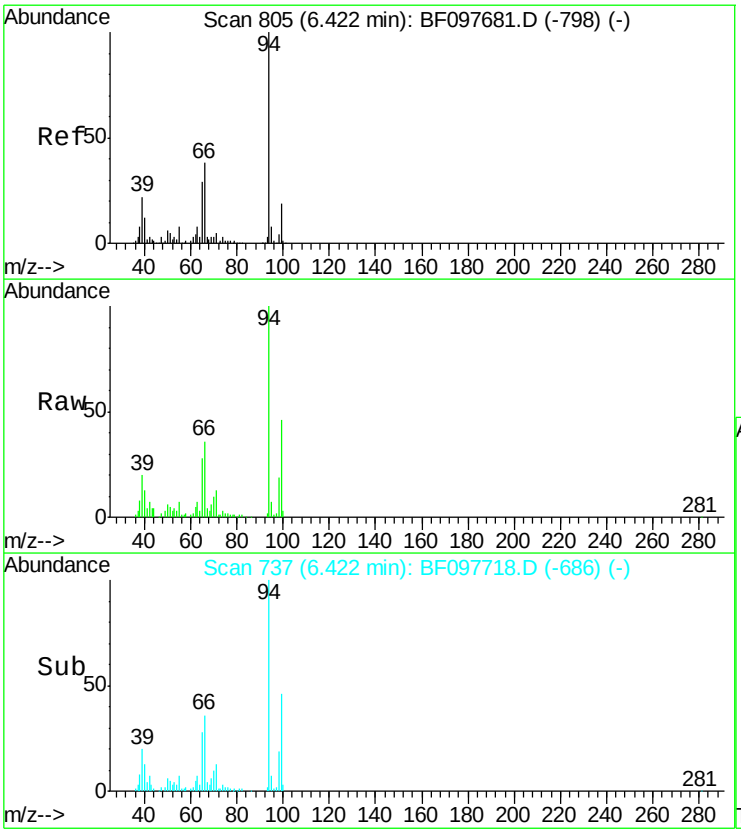
#7
Phenol-d6
Concen: 92.62 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion: 99 Resp: 1128821

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	33.9	24.5	36.7

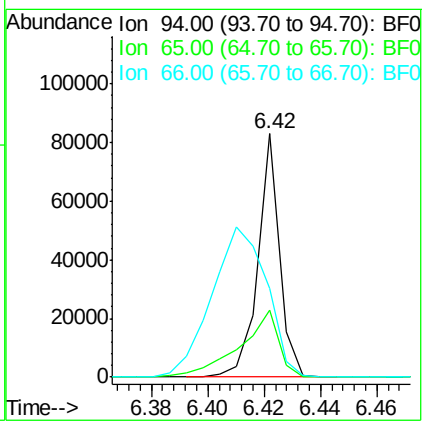


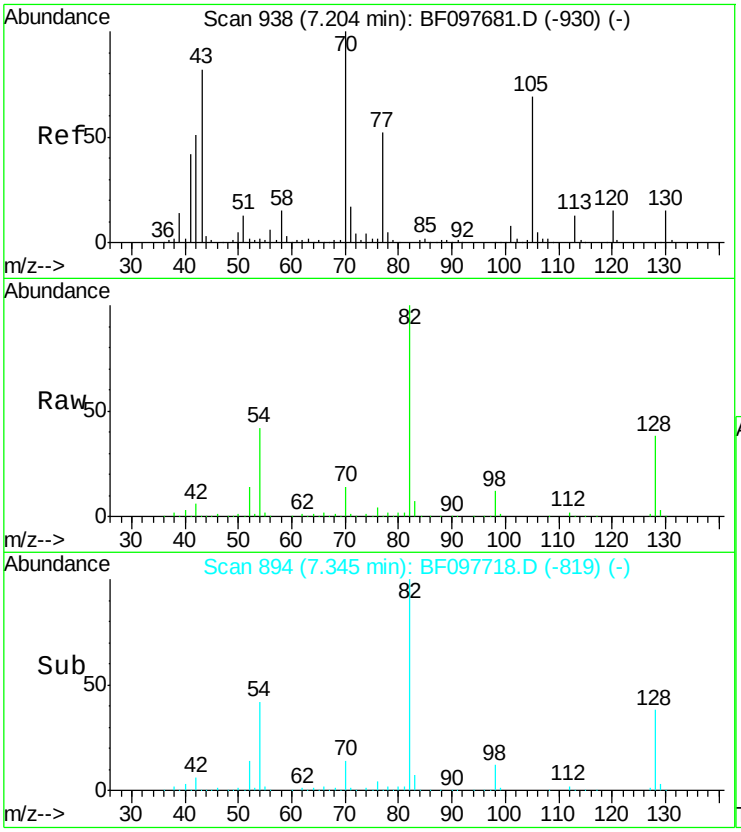


#10
Phenol
Concen: 3.10 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion: 94 Resp: 44168

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	36.4	23.1	63.1



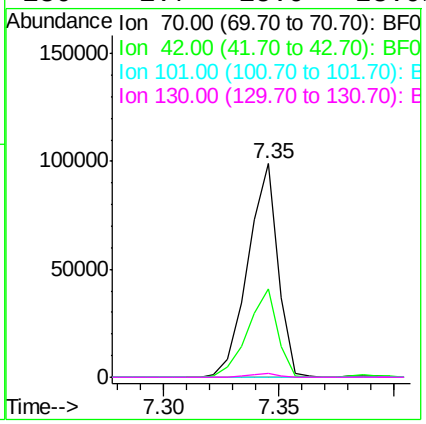


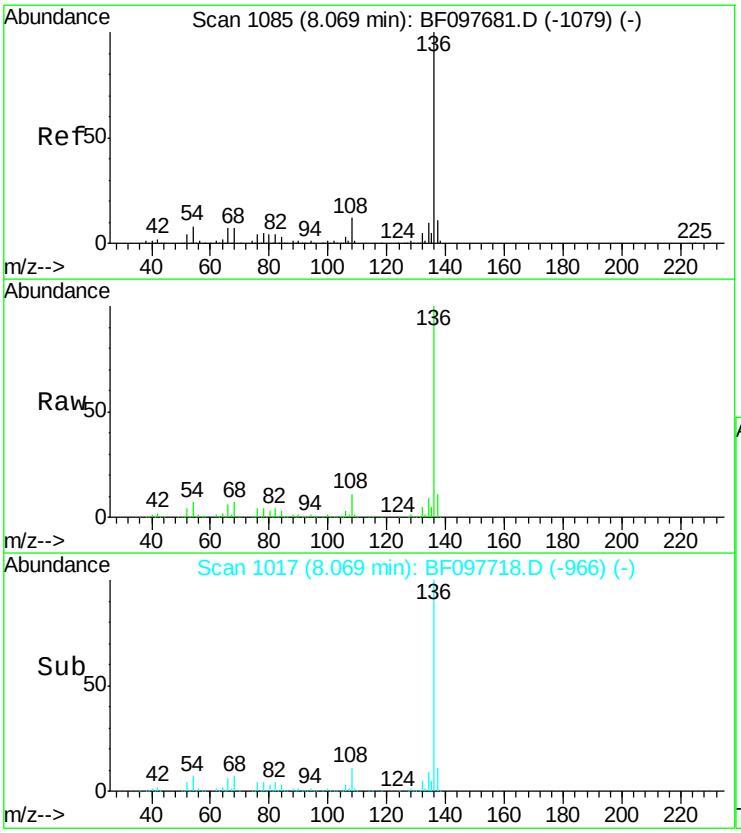
#19
n-Nitroso-di-n-propylamine
Concen: 10.77 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion: 70 Resp: 89868

Ion	Ratio	Lower	Upper
70	100		
42	41.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#

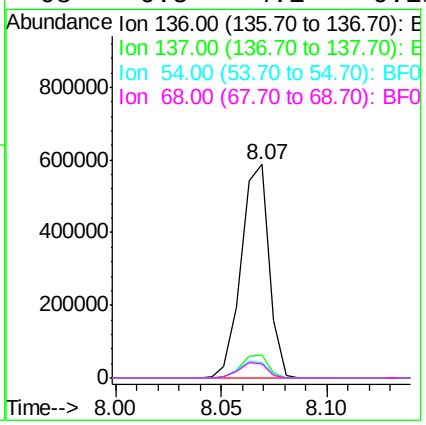


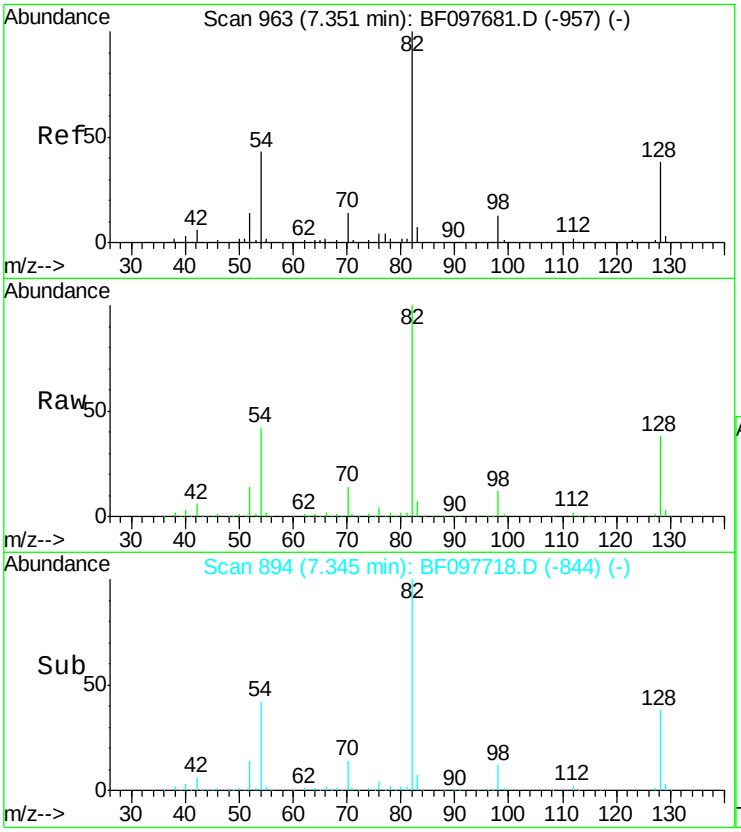


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:136 Resp: 536493

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	6.5	4.1	6.1#



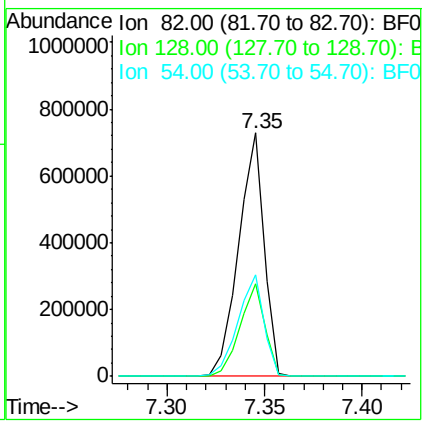


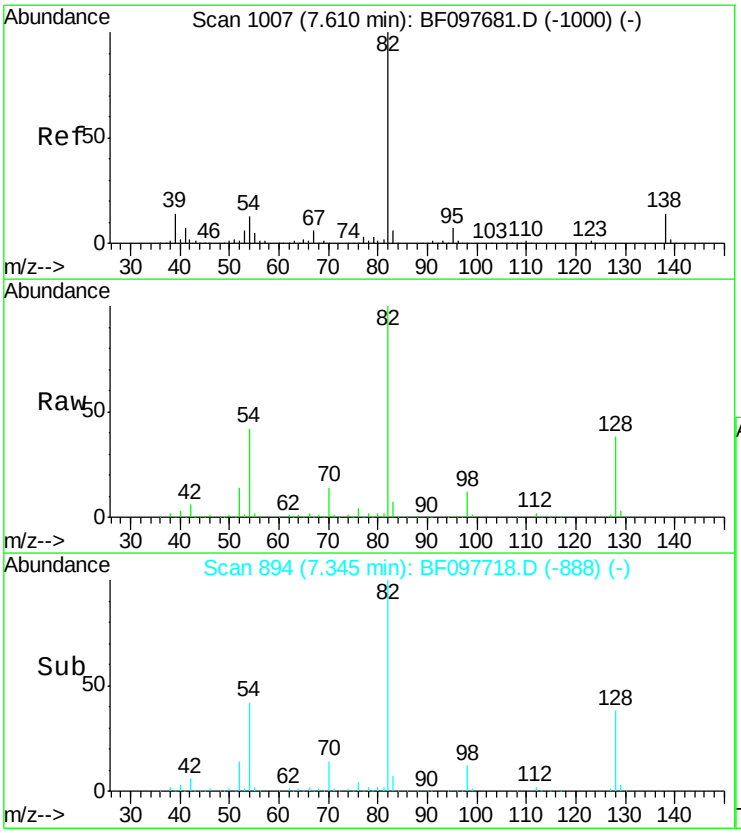
#23
Nitrobenzene-d5
Concen: 66.80 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion: 82 Resp: 659650

Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.0	51.0
54	41.5	42.2	63.2#

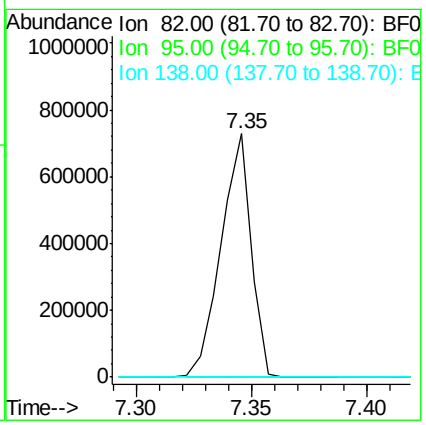


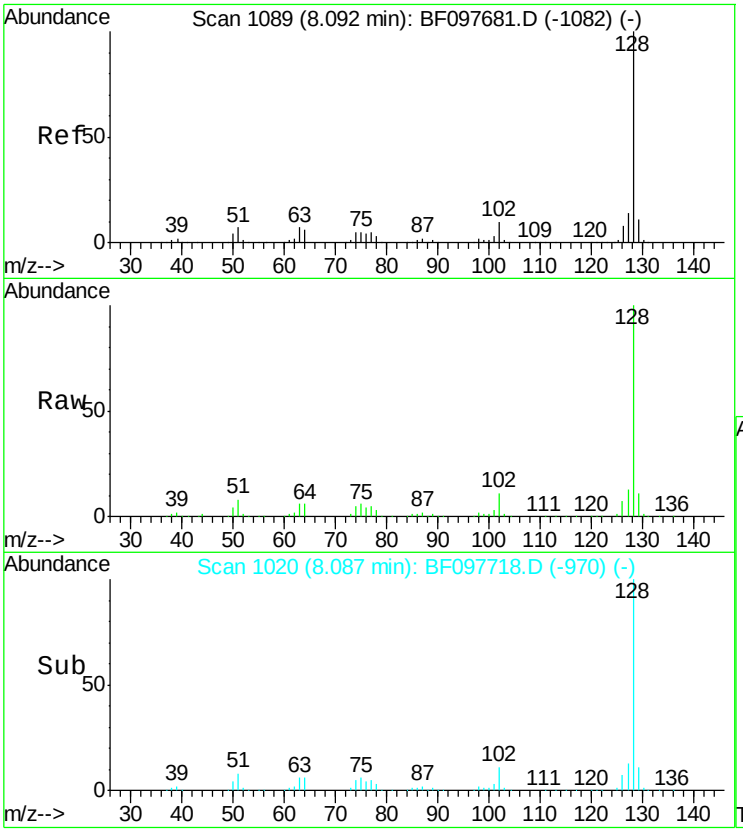


#25
Isophorone
Concen: 32.01 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion: 82 Resp: 657403

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



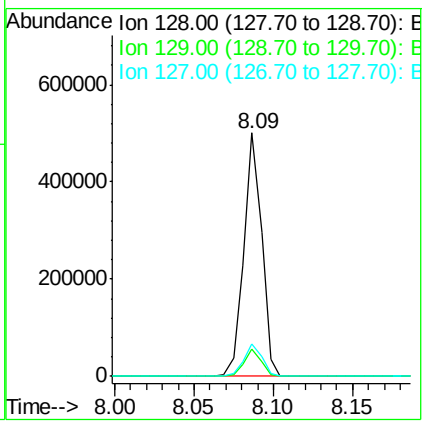


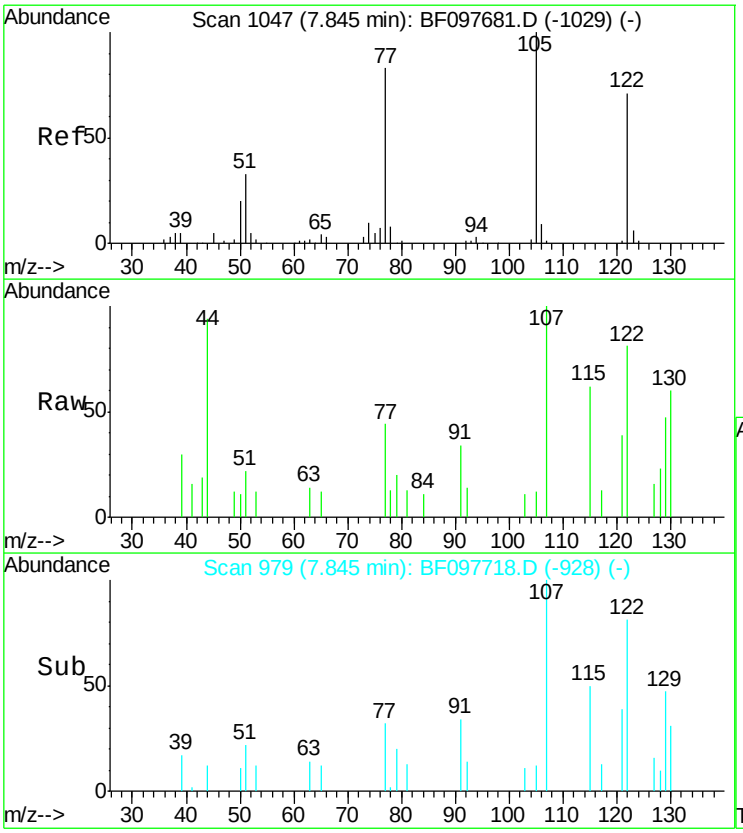
#31
Naphthalene
Concen: 13.97 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:128 Resp: 389051

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.8	16.2

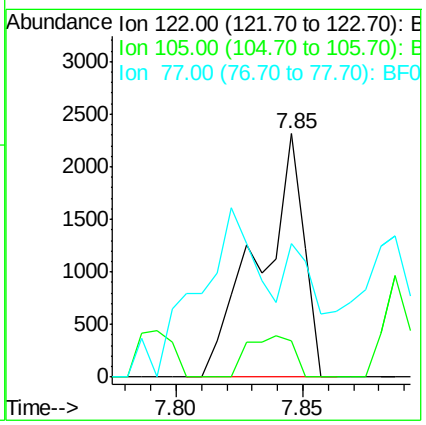


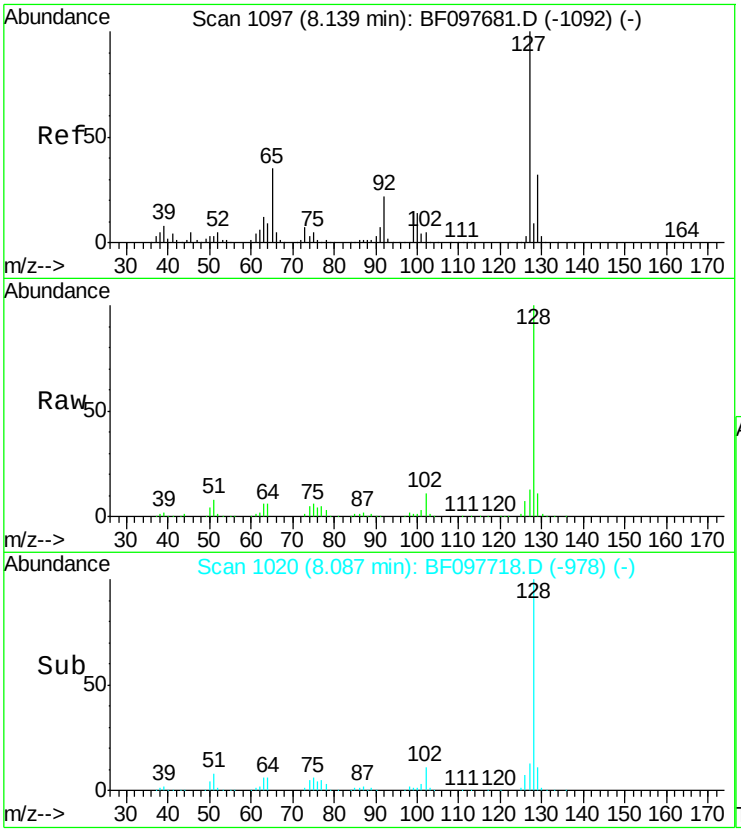


#32
Benzoic acid
Concen: 6.80 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:122 Resp: 2836

Ion	Ratio	Lower	Upper
122	100		
105	14.9	103.3	143.3#
77	55.1	73.7	113.7#



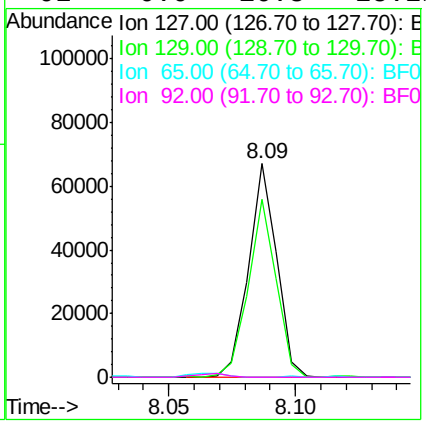


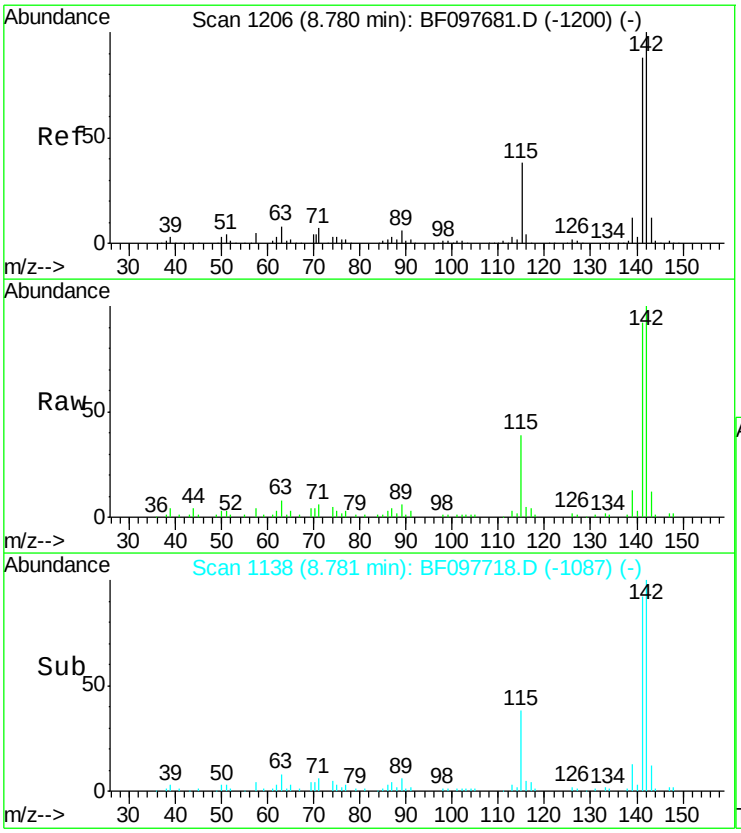
#33
4-Chloroaniline
Concen: 4.42 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:127 Resp: 51949

Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

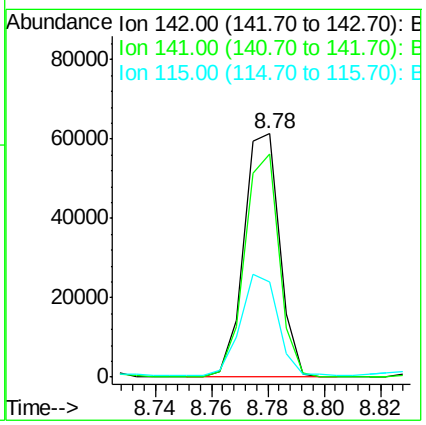


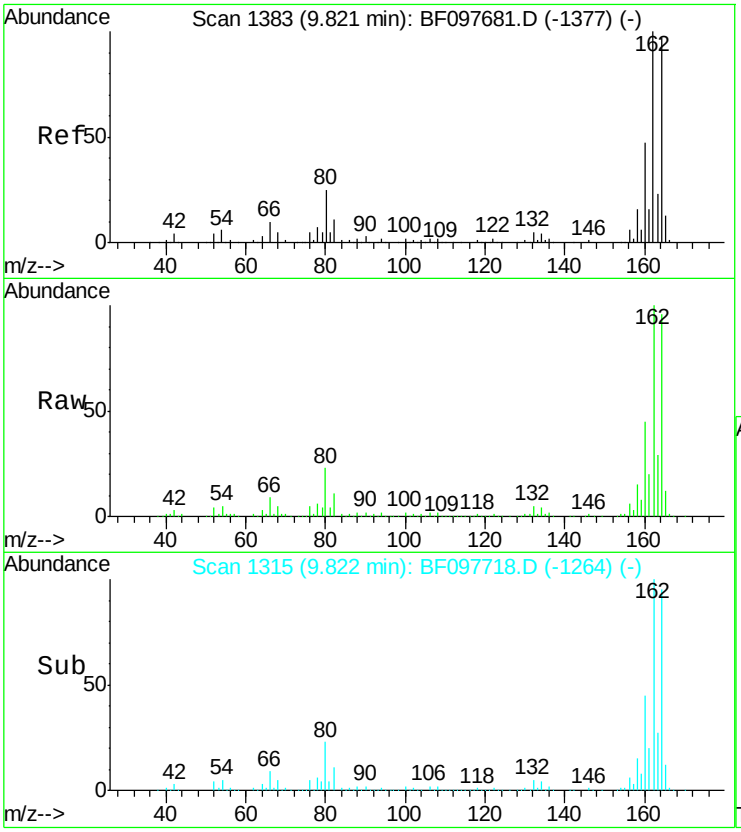


#37
2-Methylnaphthalene
Concen: 3.17 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:142 Resp: 54075

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.3	106.9
115	38.9	27.1	40.7



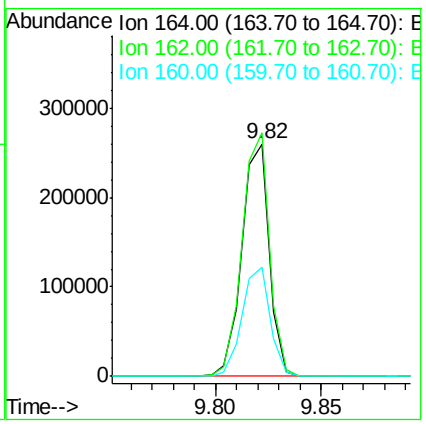


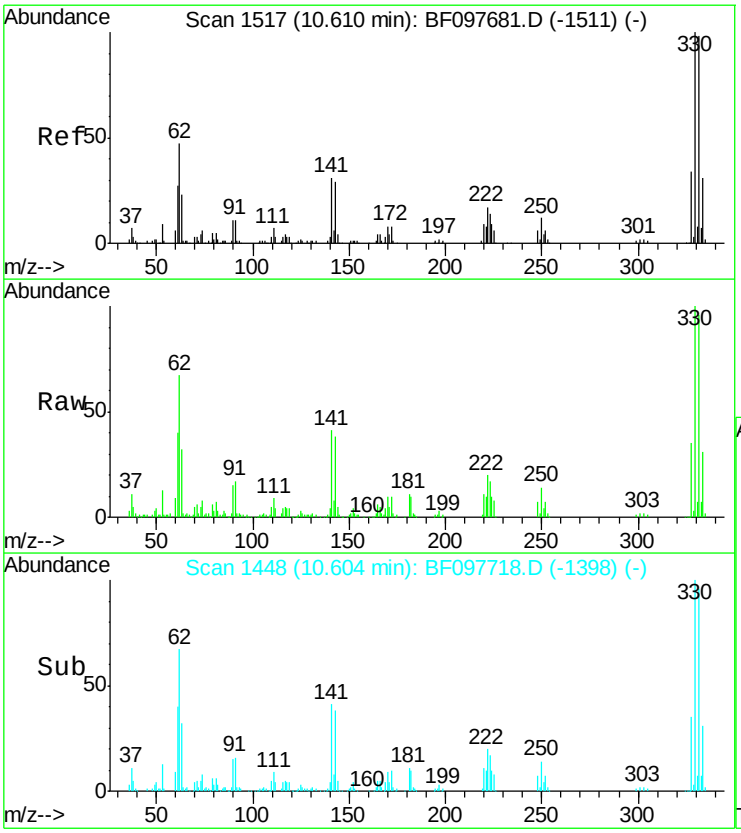
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:164 Resp: 234070

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	47.0	36.2	54.2

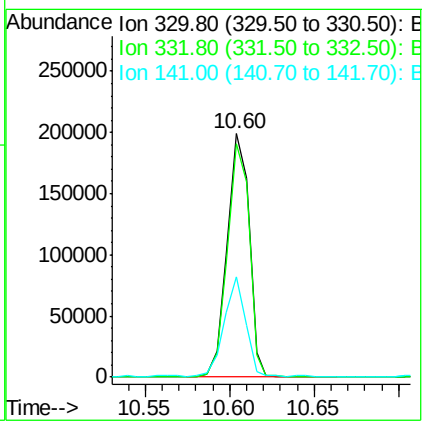


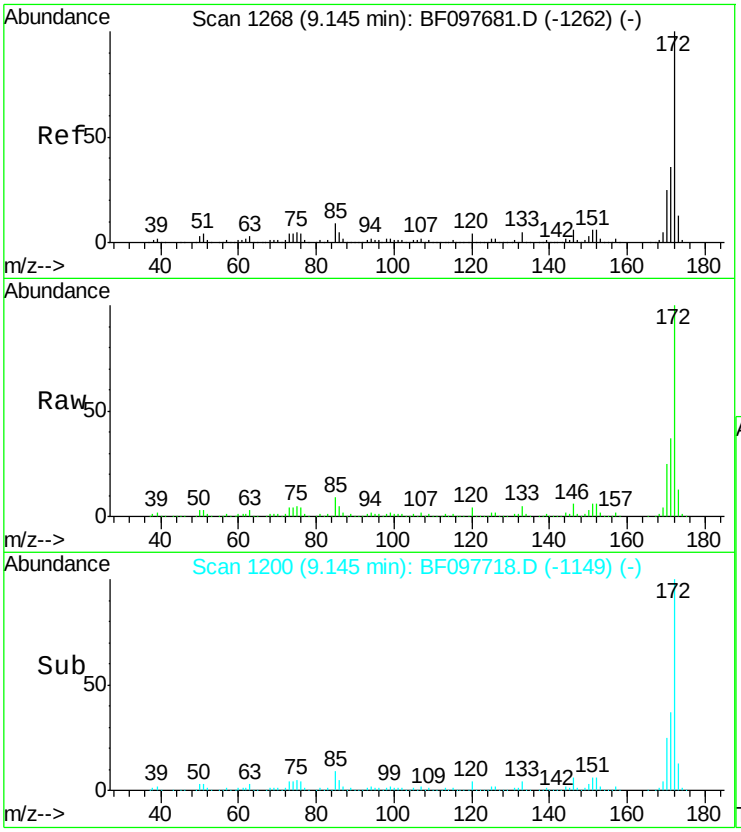


#41
2,4,6-Tribromophenol
Concen: 88.50 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:330 Resp: 179729

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	40.2	31.4	47.2



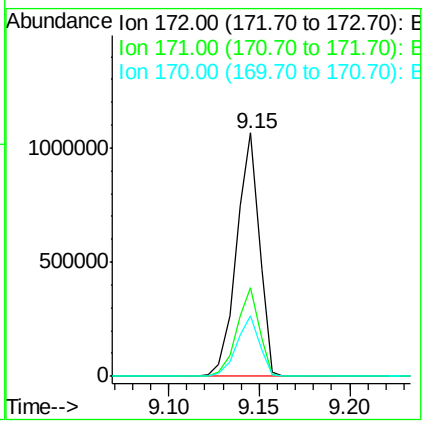


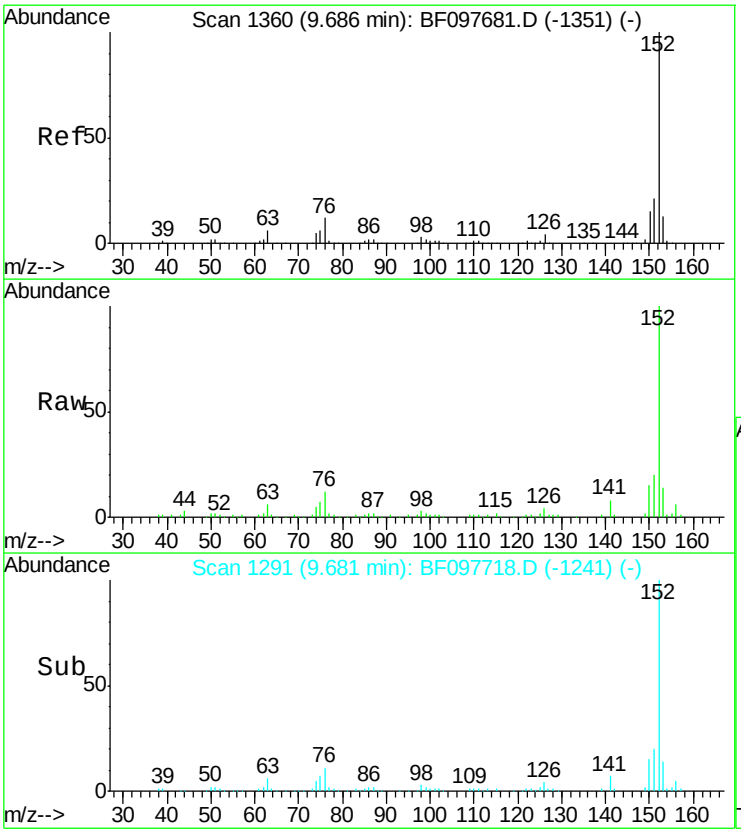
#44
2-Fluorobiphenyl
Concen: 58.30 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:172 Resp: 928874

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	19.8	29.8

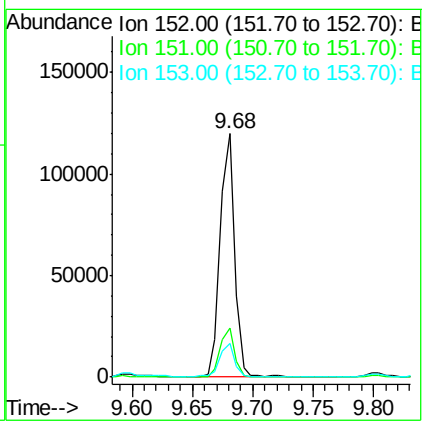


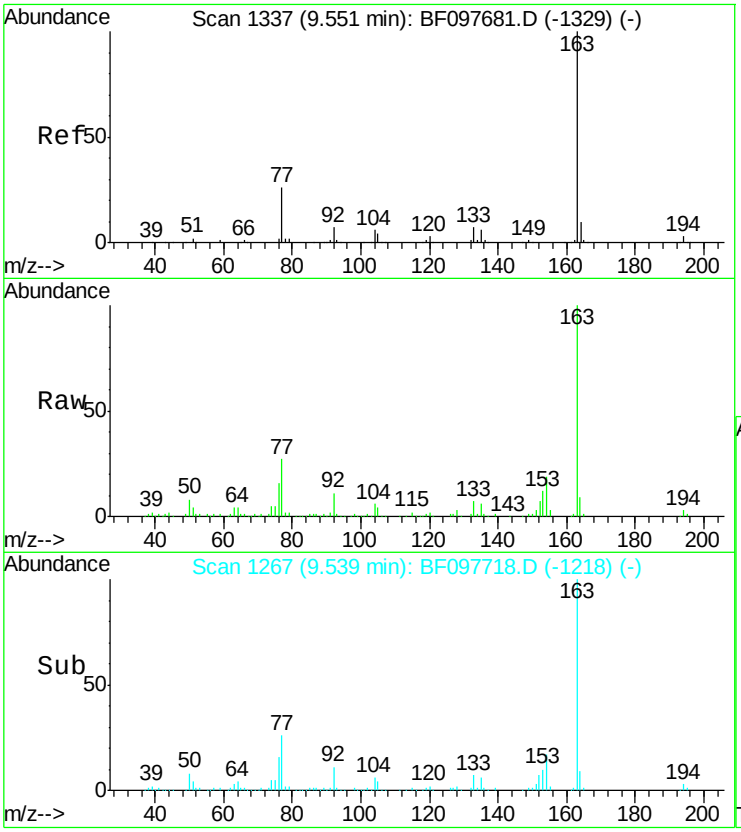


#48
Acenaphthylene
Concen: 4.01 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:152 Resp: 99391

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.9	10.8	16.2

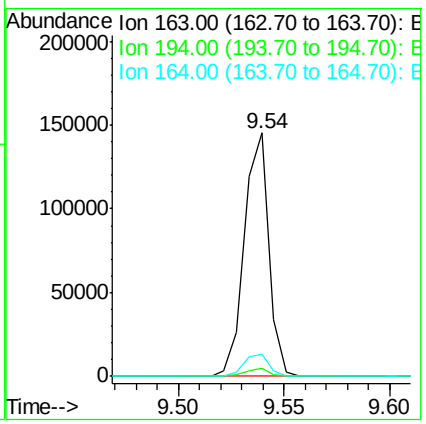




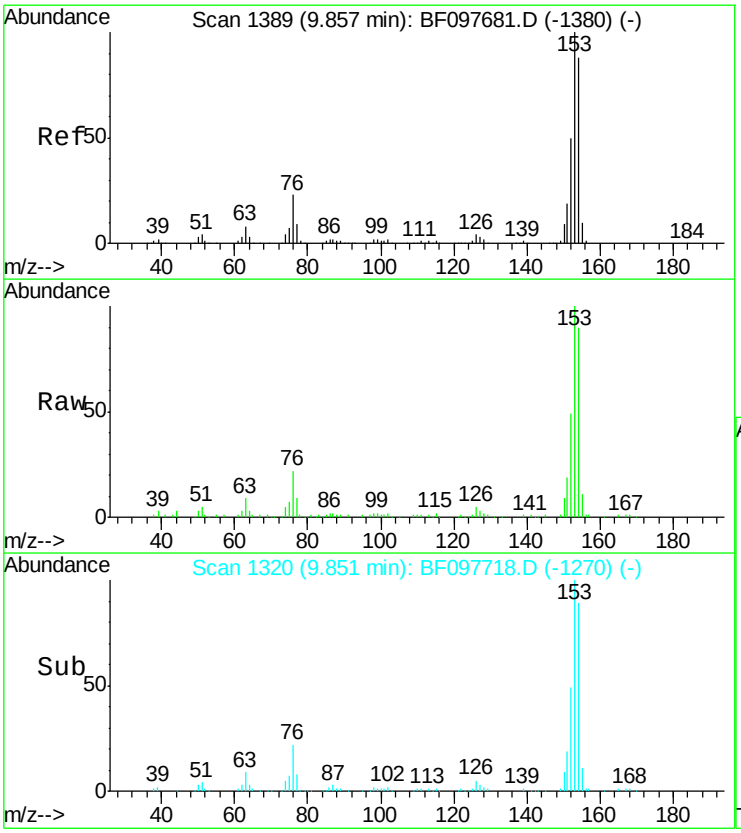
#49
Dimethylphthalate
Concen: 6.86 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:163 Resp: 117308

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.0	8.4	12.6



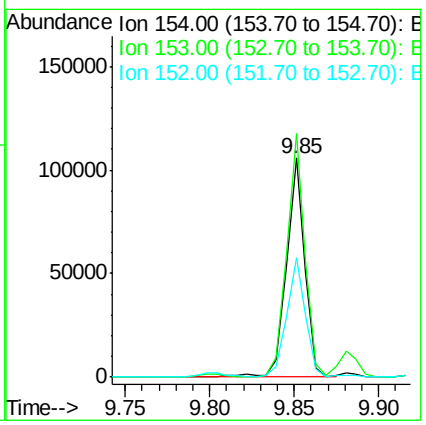
Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

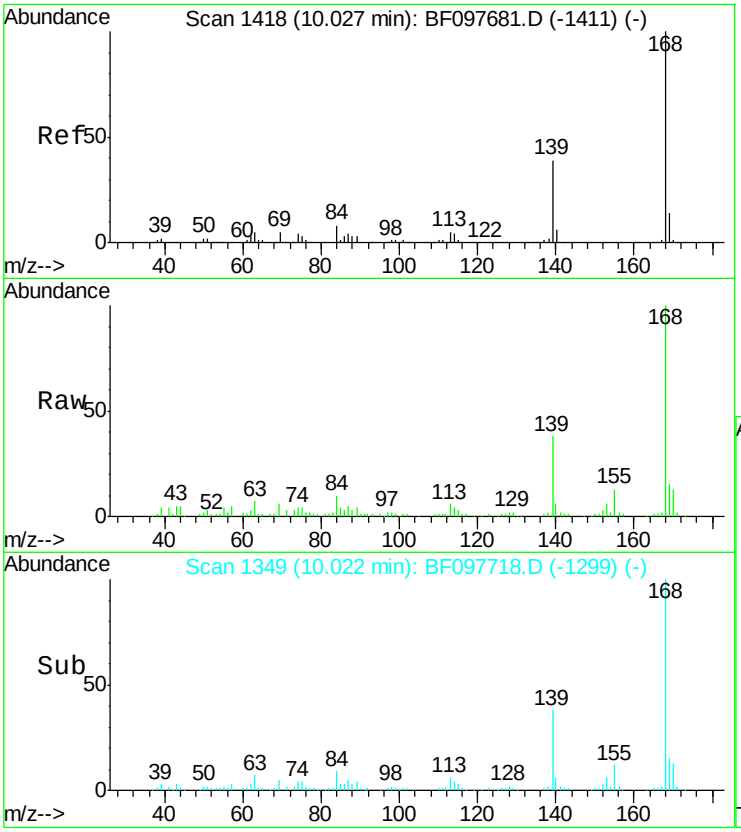


#51
Acenaphthene
Concen: 5.17 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:154 Resp: 80723

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	54.7	43.6	65.4



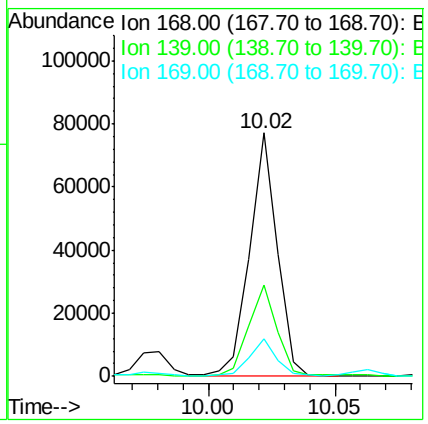


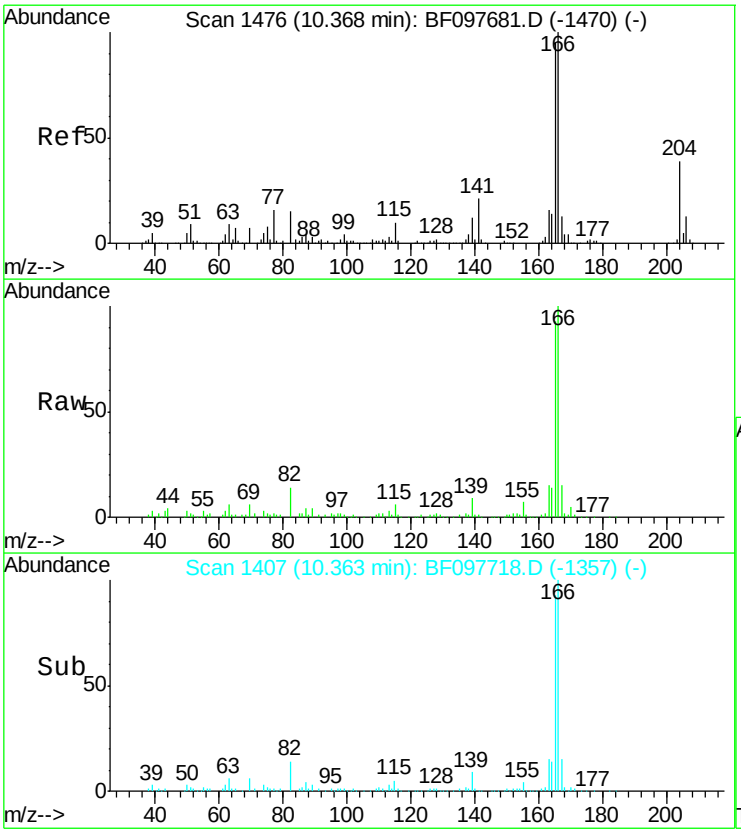
#54
Dibenzofuran
Concen: 2.81 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:168 Resp: 58778

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.6	45.8
169	15.4	10.8	16.2

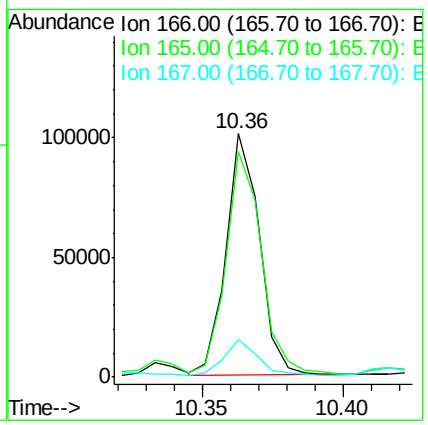


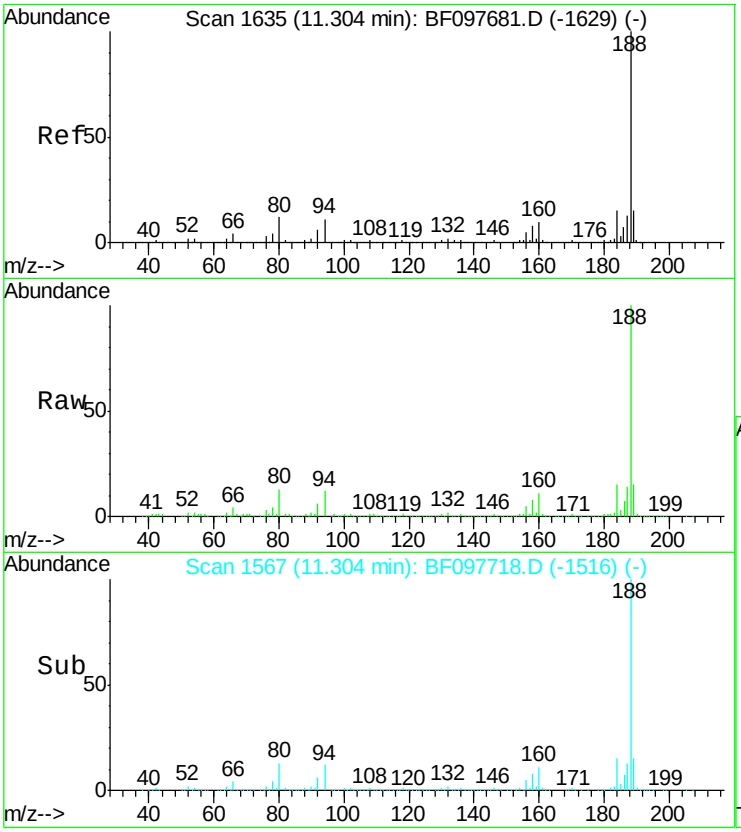


#57
Fluorene
Concen: 5.16 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:166 Resp: 83456

Ion	Ratio	Lower	Upper
166	100		
165	92.5	78.8	118.2
167	15.4	10.6	16.0



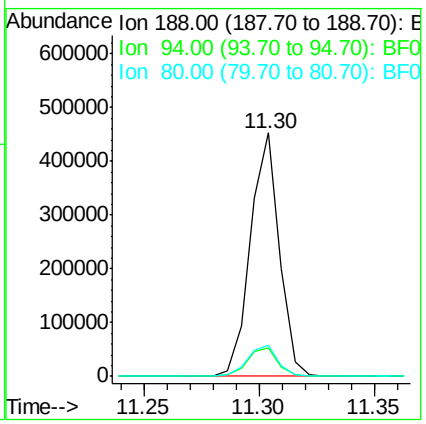


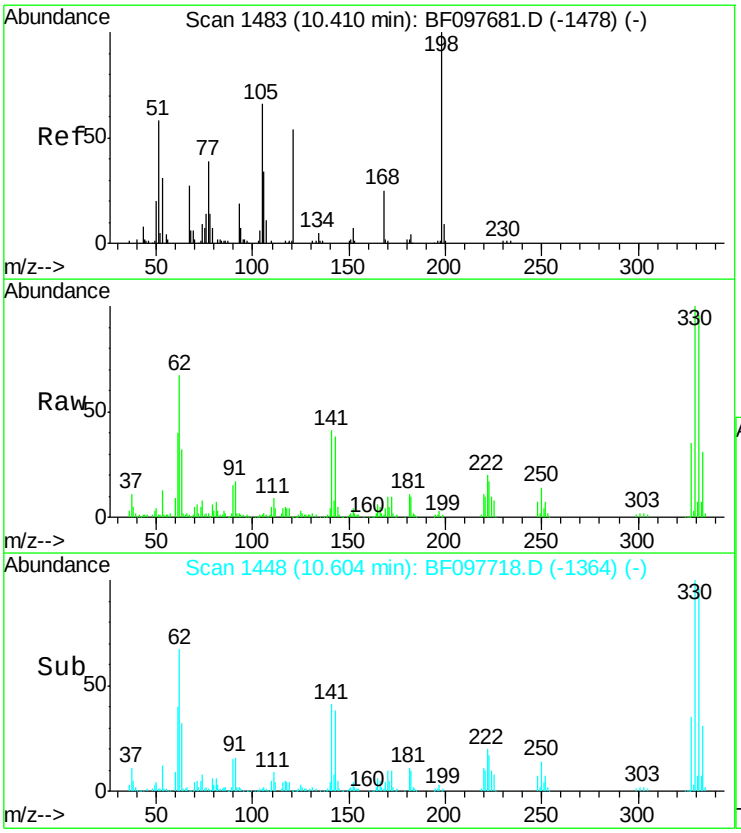
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:188 Resp: 395750

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.8	10.2	15.2

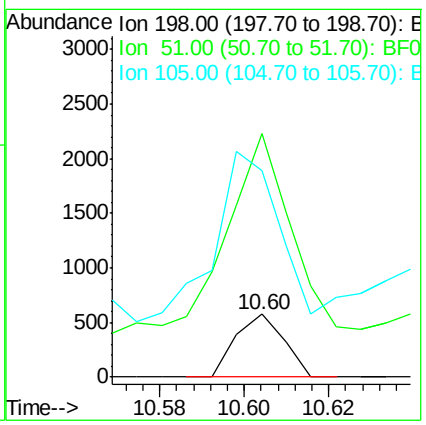


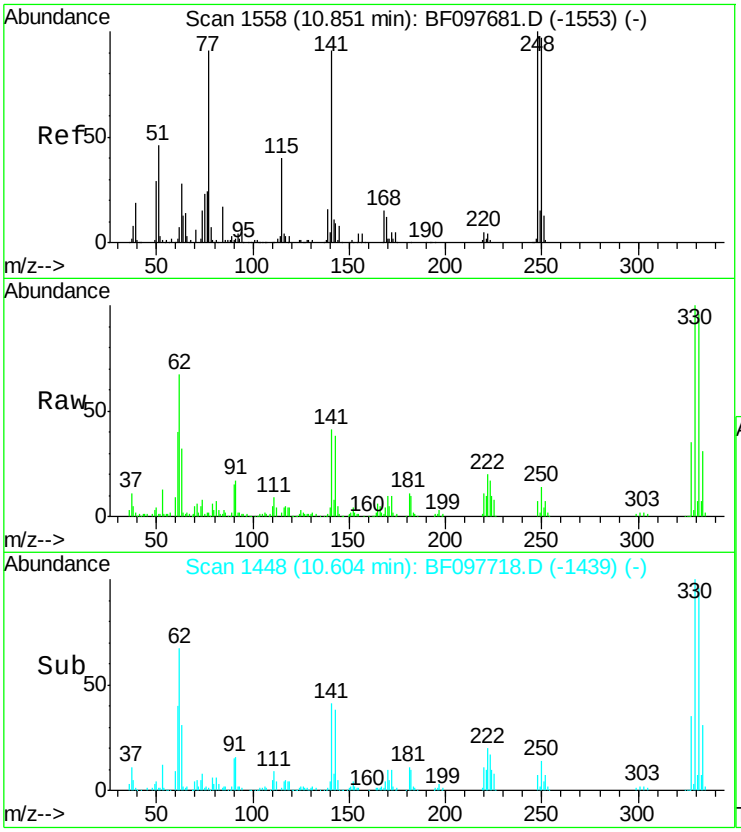


#64
4,6-Dinitro-2-methylphenol
Concen: 8.52 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:198 Resp: 453

Ion	Ratio	Lower	Upper
198	100		
51	389.0	53.2	93.2#
105	329.3	45.8	85.8#



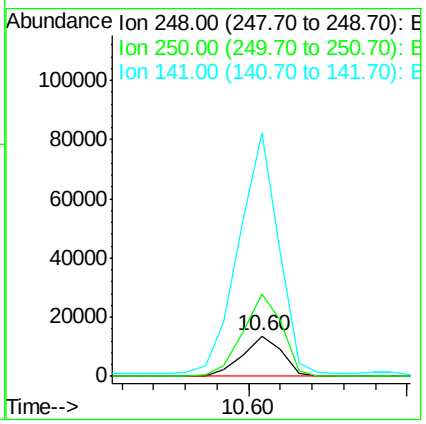


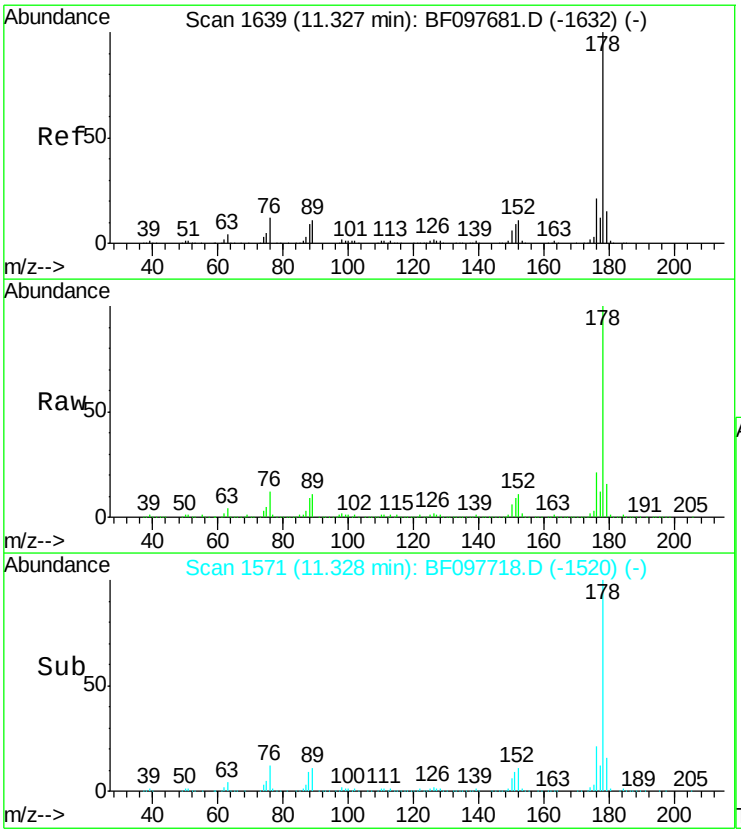
#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:248 Resp: 11852

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.8	115.2#
141	602.6	68.6	103.0#

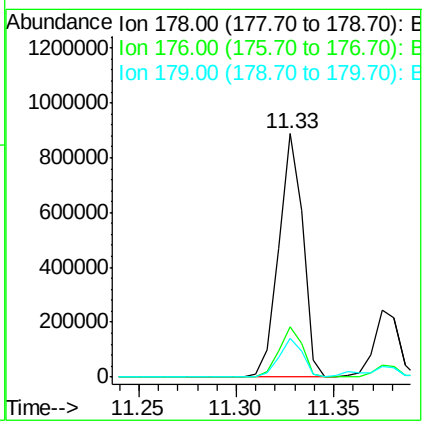


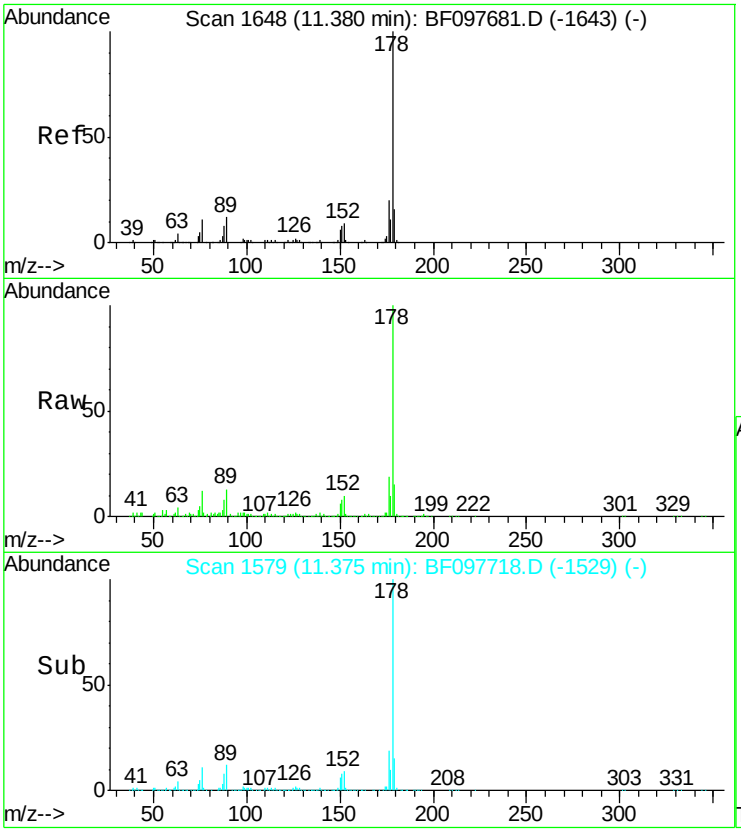


#70
Phenanthrene
Concen: 35.98 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:178 Resp: 758735

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.9	12.6	19.0



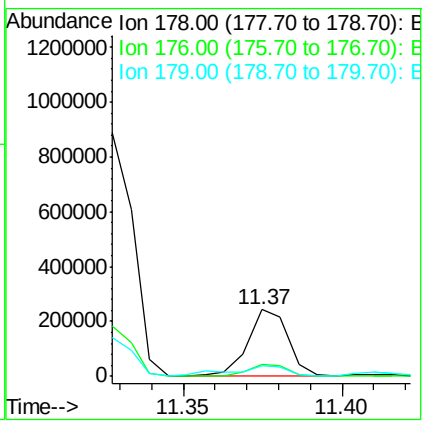


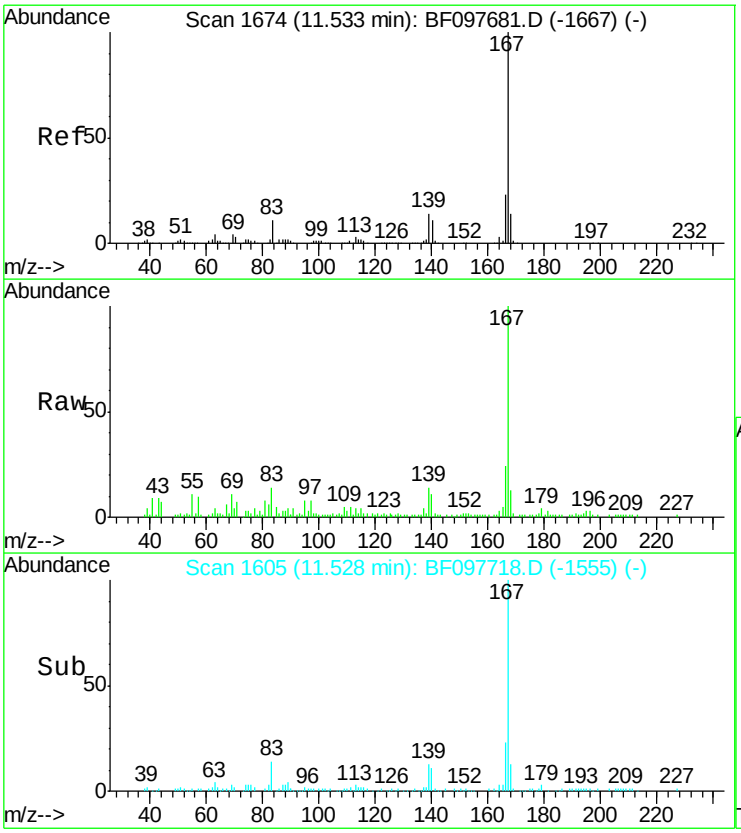
#71
Anthracene
Concen: 9.81 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:178 Resp: 209911

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.0	12.7	19.1

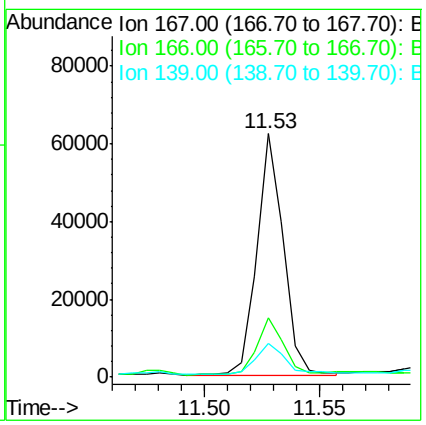


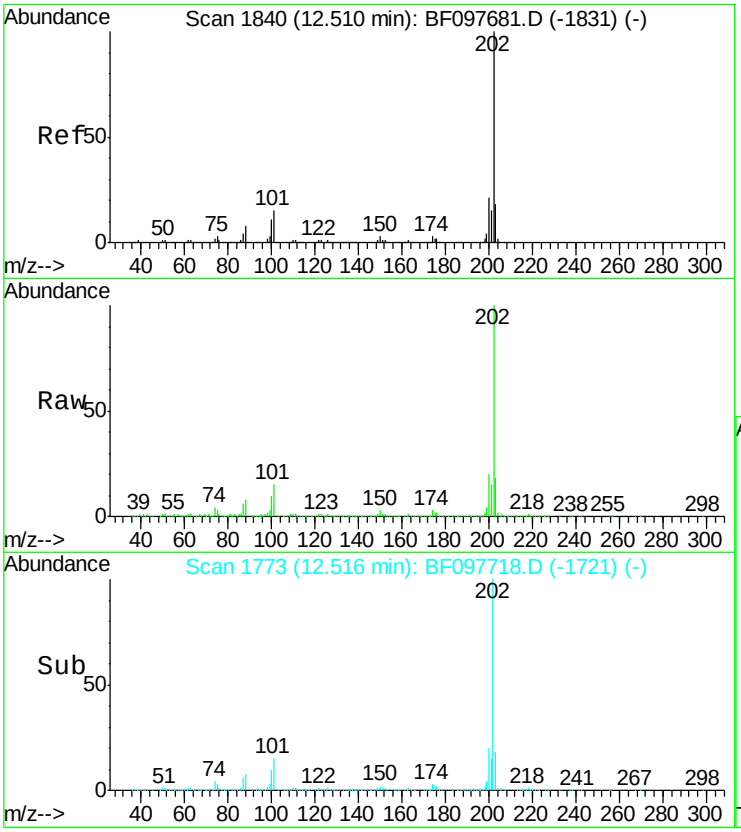


#72
Carbazole
Concen: 2.44 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:167 Resp: 49519

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.1	27.1
139	14.0	11.7	17.5



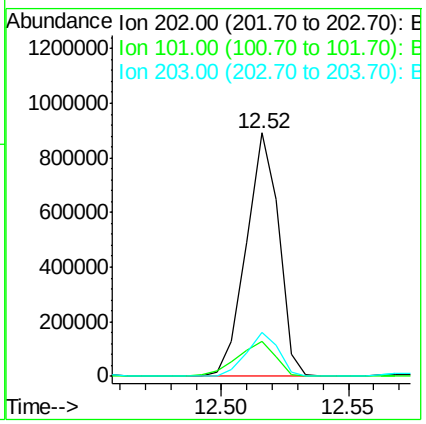


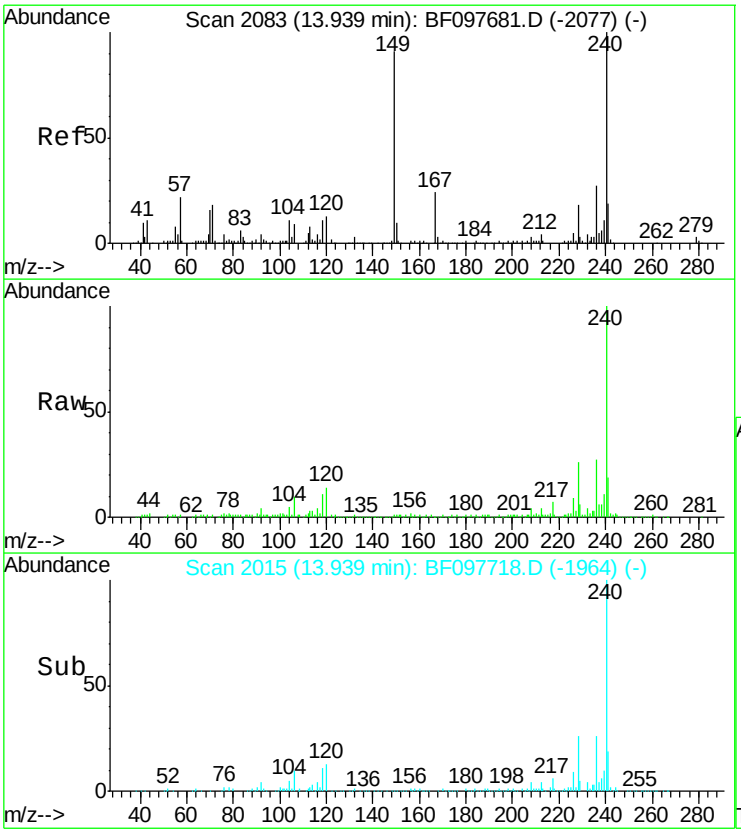
#74
Fluoranthene
Concen: 36.07 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:202 Resp: 793998

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	17.9	0.0	38.1

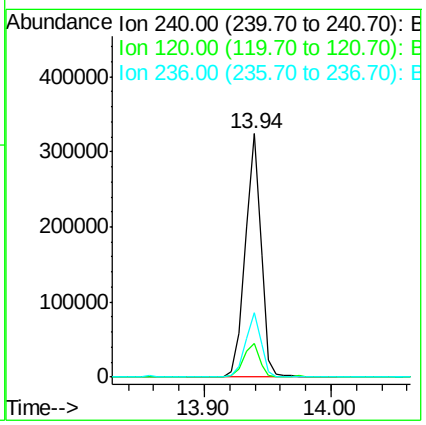


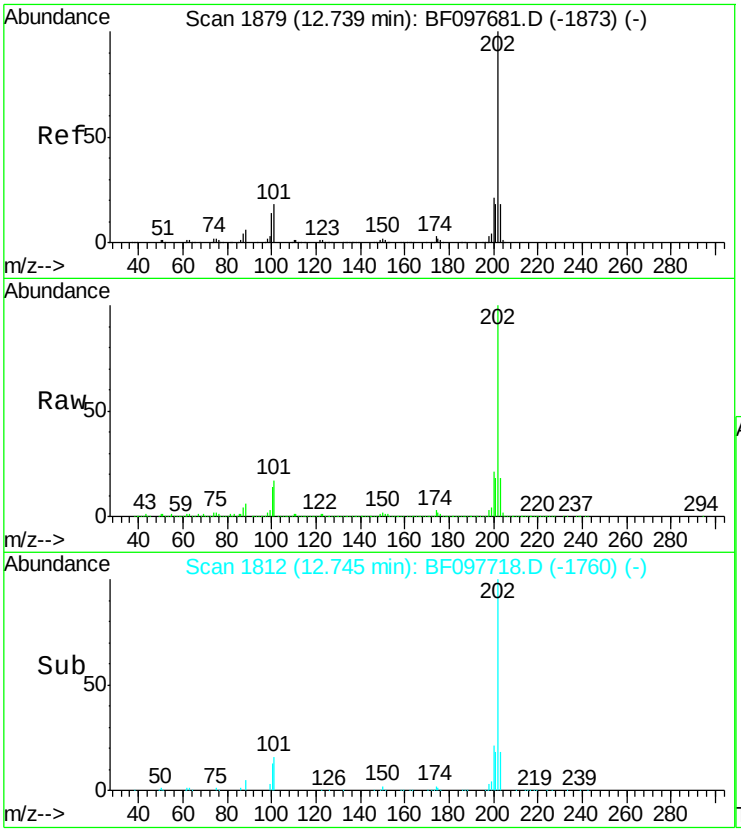


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:240 Resp: 276691

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.6	20.5	30.7



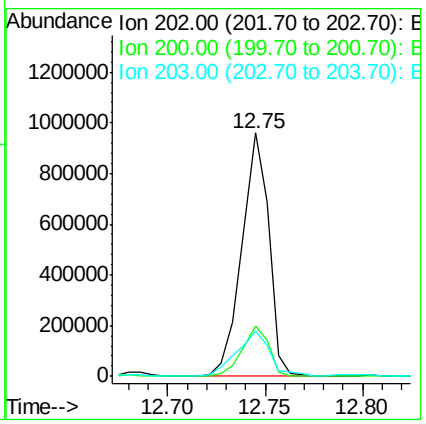


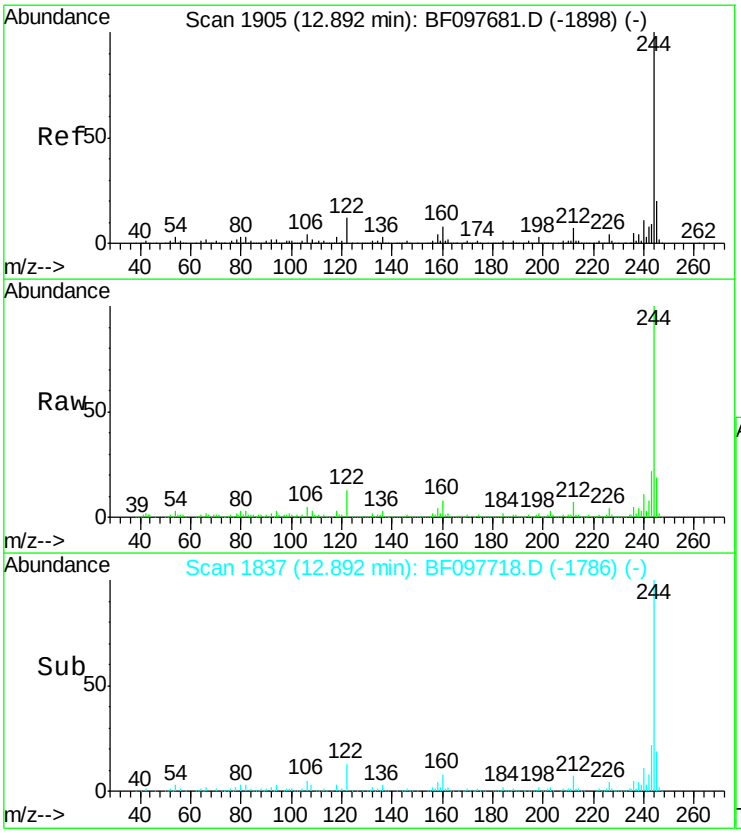
#77
Pyrene
Concen: 40.58 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:202 Resp: 918381

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.4	14.4	21.6

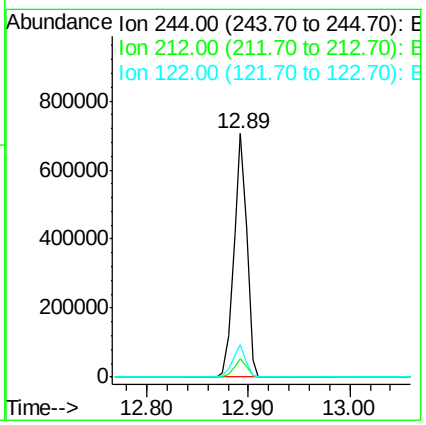


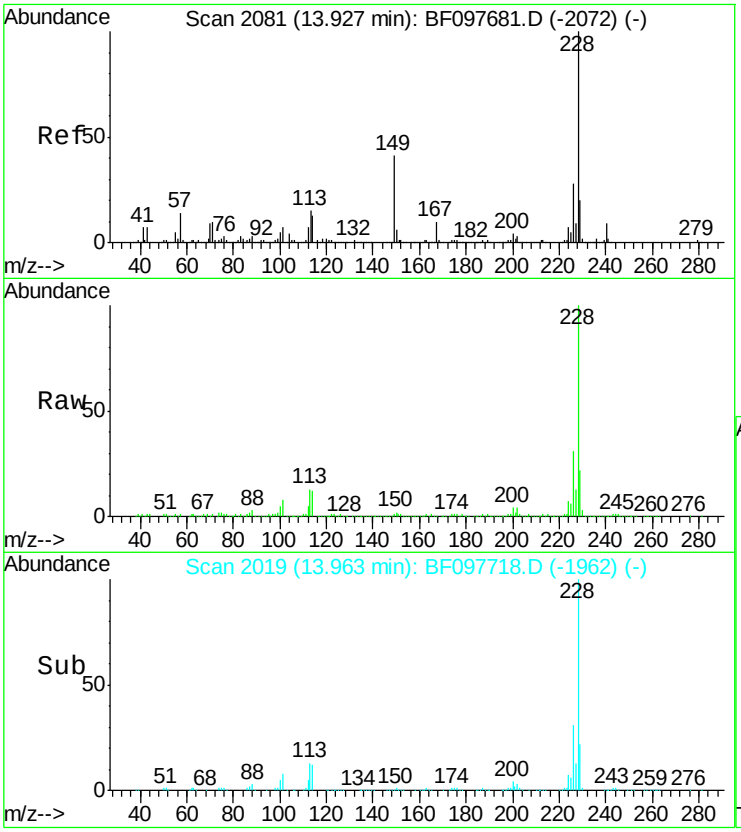


#78
Terphenyl-d14
Concen: 46.54 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:244 Resp: 617465

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.2	10.3	15.5



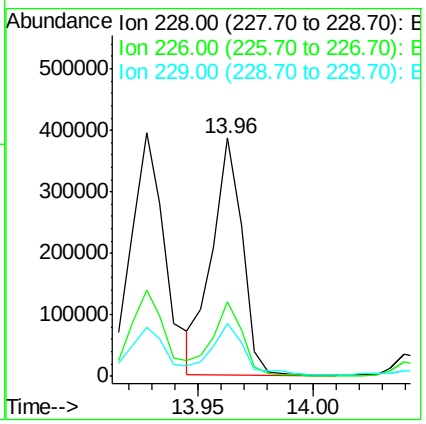


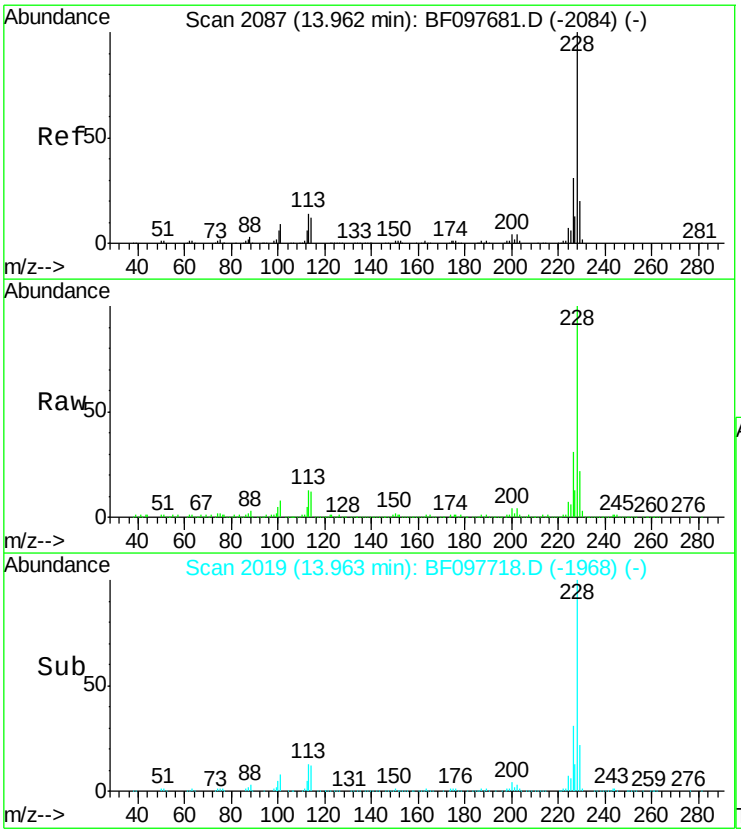
#80
Benzo(a)anthracene
Concen: 21.16 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.04 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:228 Resp: 350834

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	22.1	16.3	24.5

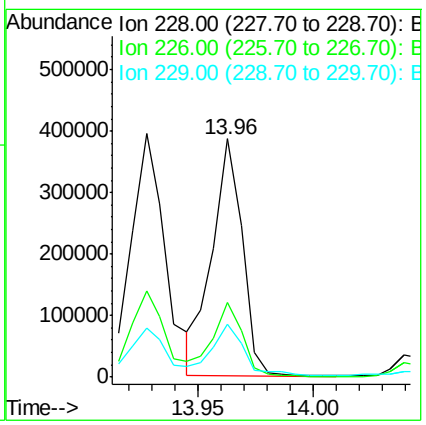


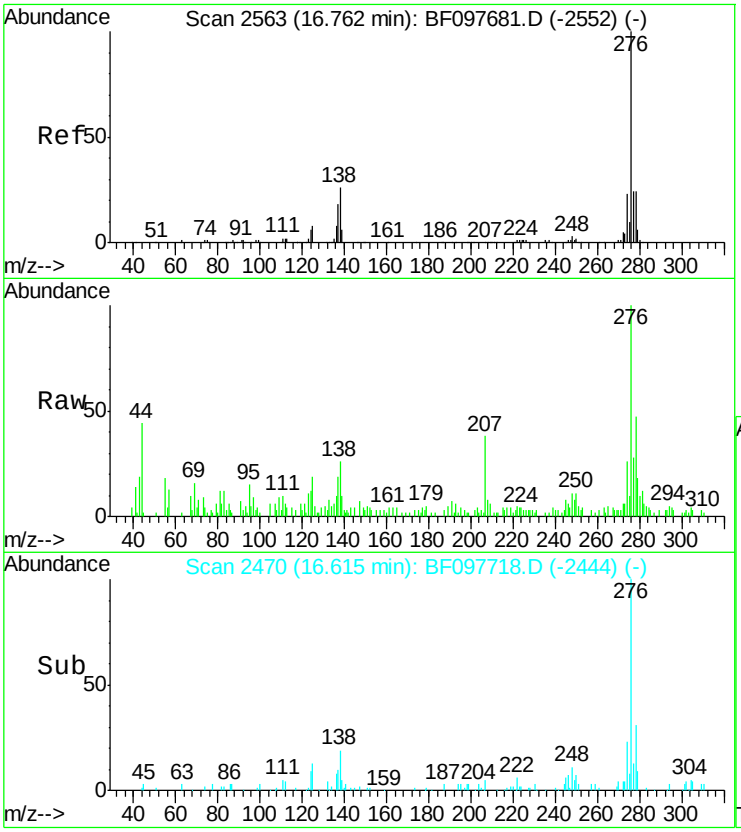


#82
Chrysene
Concen: 21.27 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:228 Resp: 350834

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.1	15.8	23.6



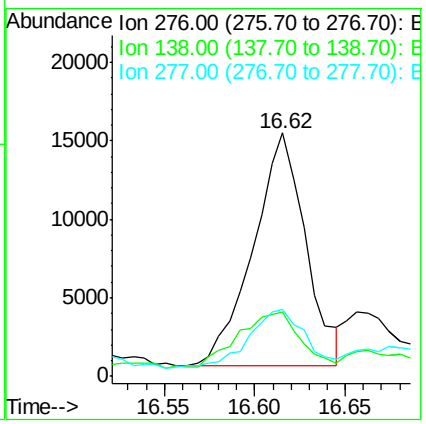


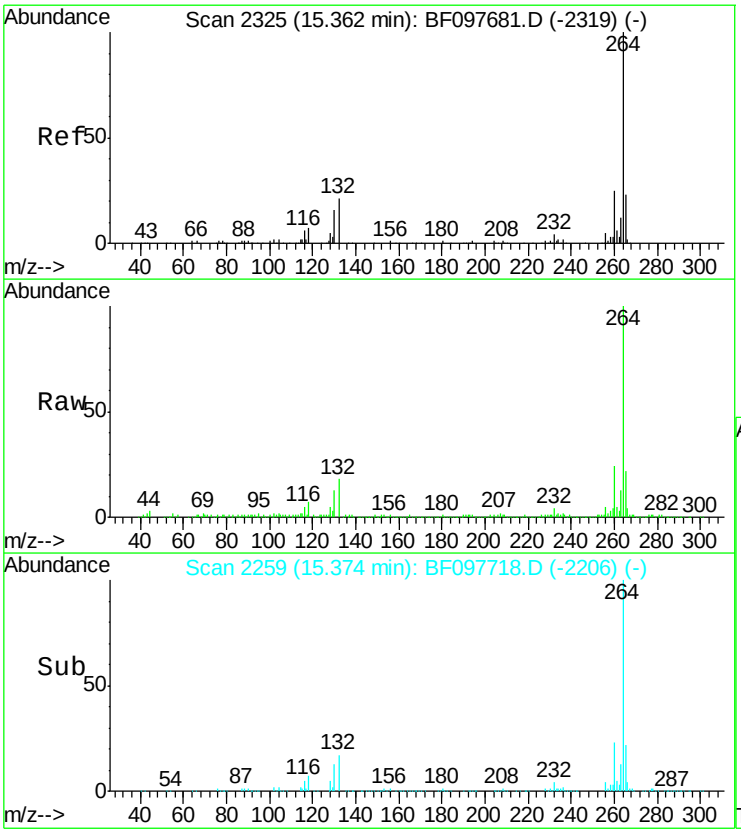
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.45 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.15 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:276 Resp: 29790

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	25.7	20.2	30.4

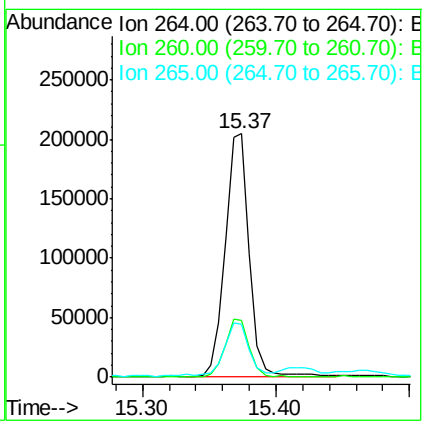


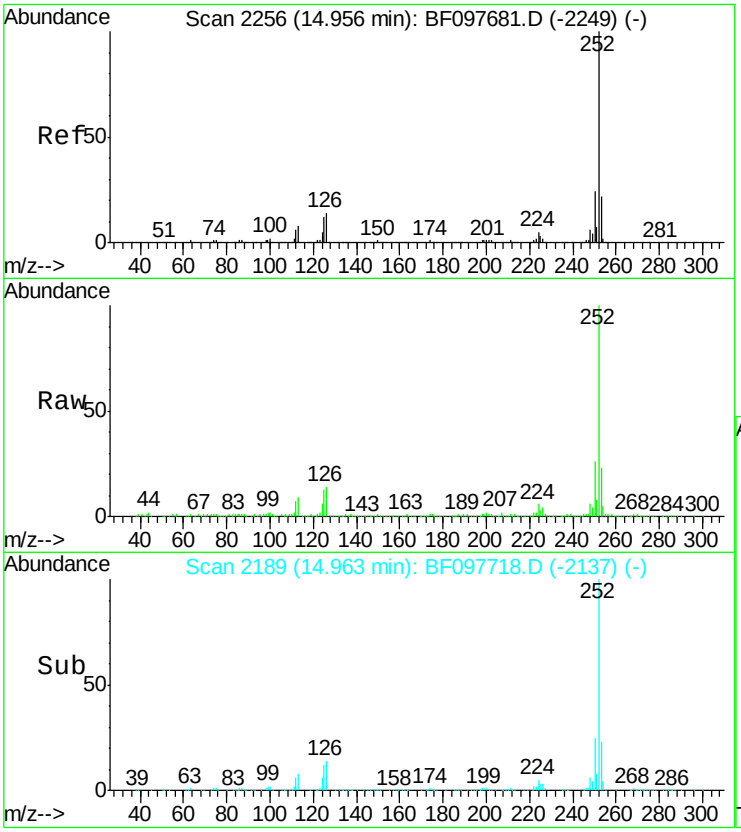


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:264 Resp: 256765

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	17.2	25.8



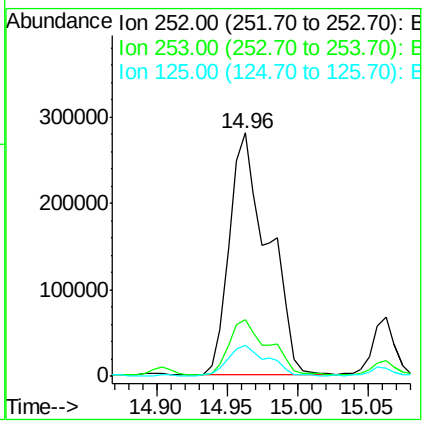


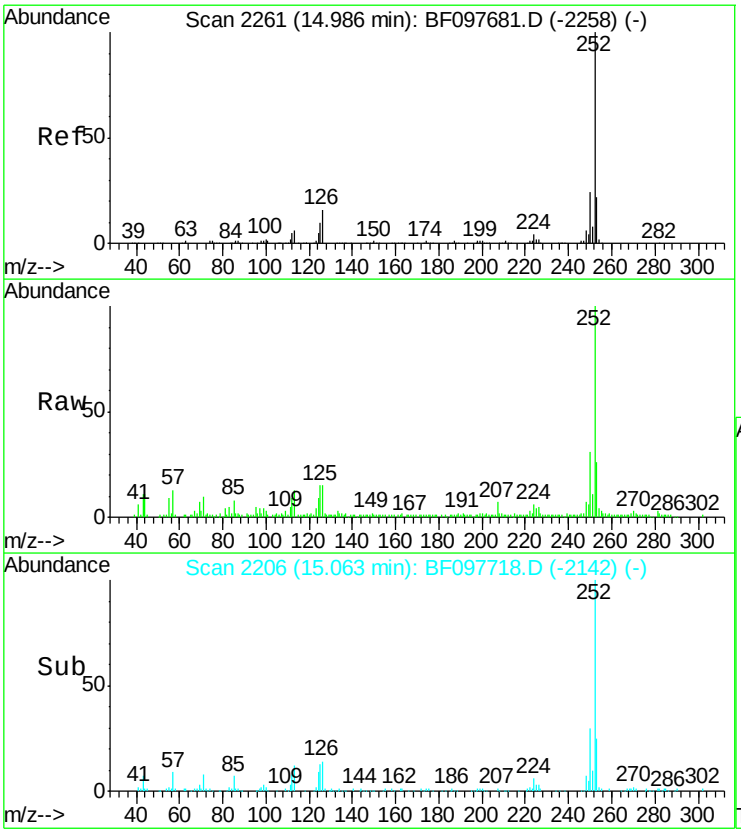
#87
Benzo(b)fluoranthene
Concen: 33.28 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:252 Resp: 538687

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.8	9.8	14.8

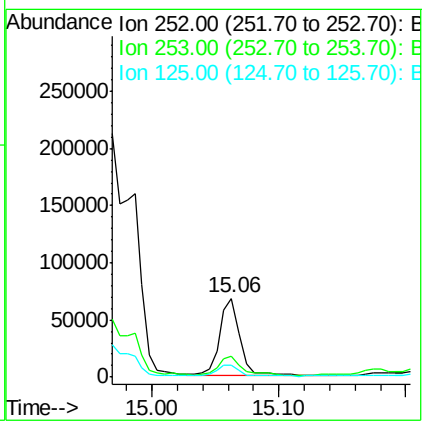


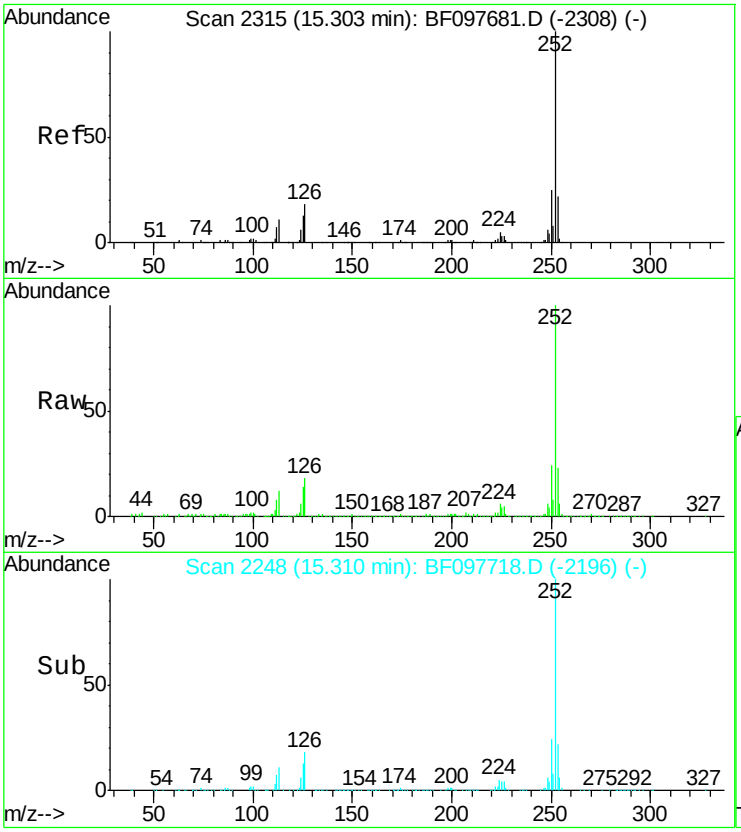


#88
Benzo(k)fluoranthene
Concen: 5.03 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.08 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:252 Resp: 76510

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.4	27.6
125	14.7	13.1	19.7



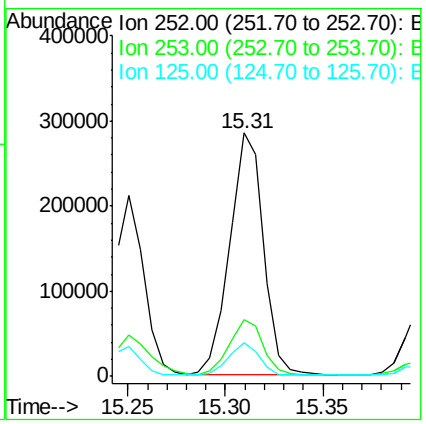


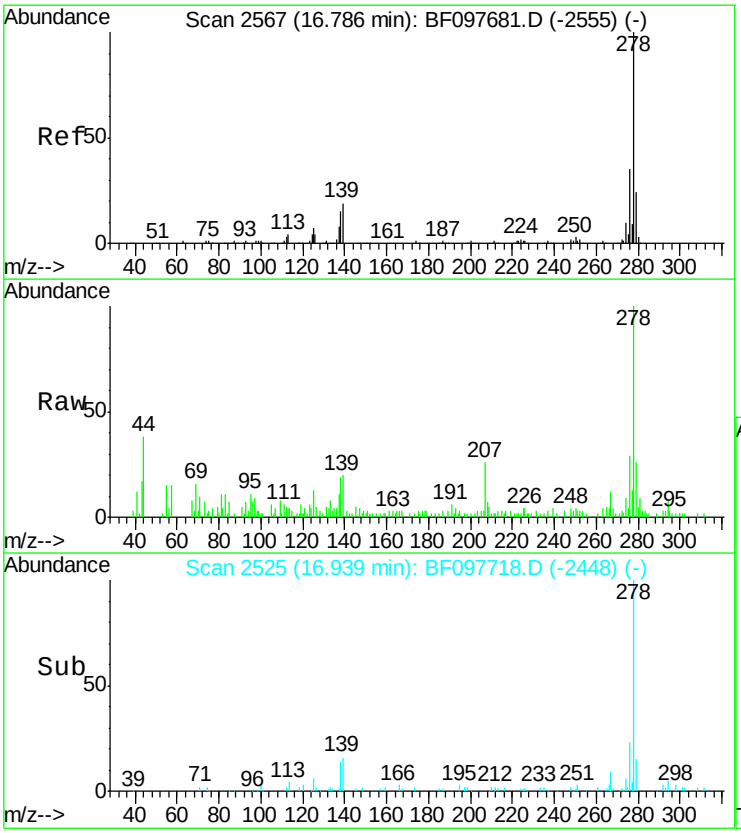
#89
Benzo(a)pyrene
Concen: 23.64 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:252 Resp: 338658

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.7	11.0	16.4

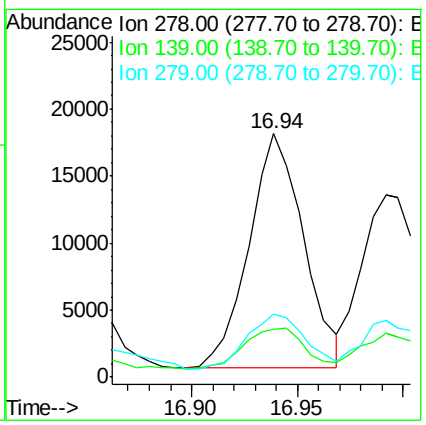


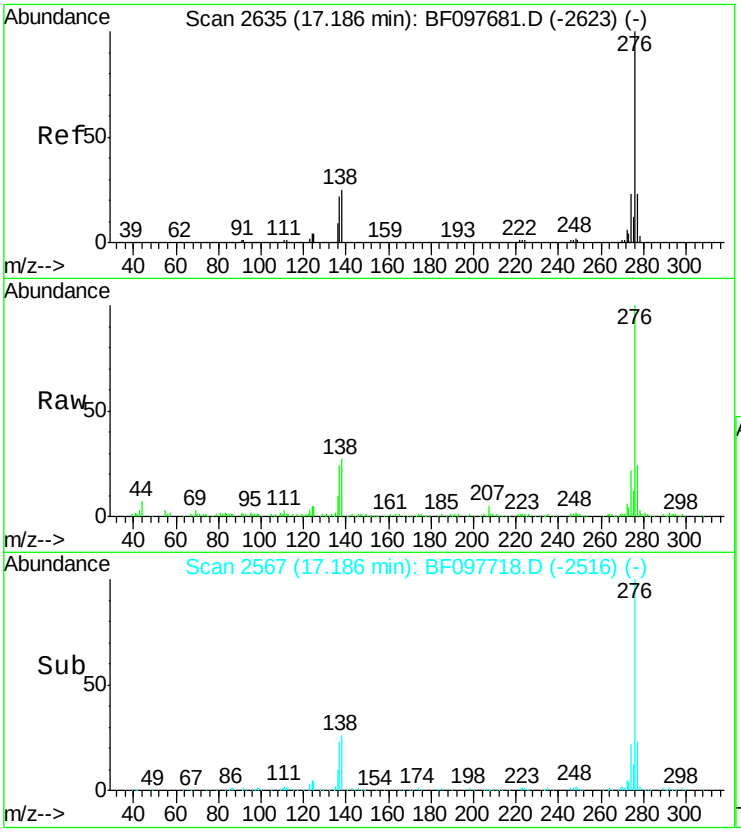


#90
Dibenzo(a,h)anthracene
Concen: 2.69 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.15 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Tgt Ion:278 Resp: 31337

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.6	24.8
279	25.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 14.52 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BF097718.D
Acq: 16 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:276 Resp: 176672

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	26.6	25.4	38.0