Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-175(5-7)

Quant Time: Nov 16 06:15:06 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	49619	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	213177	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	111781	20.00	ng		-0.02
63) Phenanthrene-d10	13.17	188	198540	20.00	ng		-0.02
75) Chrysene-d12	16.46	240	201096	20.00	ng		-0.08
86) Perylene-d12	18.20	264	209237	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	349911	124.58	ng		-0.01
7) Phenol-d6	7.11	99	459969	136.18	ng		0.00
23) Nitrobenzene-d5	8.24	82	246135	84.65	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	106176	113.41	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	455434	73.62	ng		-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
10) Phenol	7.12	94	10214	2.48	ng		94
18) Hexachloroethane	8.13	117	20058	16.23	ng	#	1
22) Acetophenone	8.04	105	144437	31.41	ng	#	58
31) Naphthalene	9.17	128	1043511	109.80	ng		98
33) 4-Chloroaniline	9.17	127	141159	34.18	ng	#	46
37) 2-Methylnaphthalene	10.02	142	276985	42.72	ng		96
48) Acenaphthylene	11.14	152	80910	8.32	ng		94
49) Dimethylphthalate	10.98	163	55221	7.23	ng	#	98
50) 2,6-Dinitrotoluene	11.04	165	3130	2.08	ng	#	42
51) Acenaphthene	11.36	154	12645	2.16	ng	#	83
57) Fluorene	12.00	166	26365	3.89	ng	#	91
62) Azobenzene	12.22	77	29820	4.27	ng	#	1
70) Phenanthrene	13.19	178	184084	17.62	ng		99
71) Anthracene	13.26	178	71290	6.60	ng		99
73) Di-n-butylphthalate	13.90	149	209416	14.35	ng	#	98
74) Fluoranthene	14.68	202	226040	20.20	ng		99
80) Benzo(a)anthracene	16.49	228	101949	9.65	ng		92
82) Chrysene	16.49	228	154899	16.95	ng		96
83) Bis(2-ethylhexyl)phthalate	16.48	149	122614	11.86	ng	#	97
87) Benzo(b)fluoranthene	17.74	252	217688	19.46	ng		95
88) Benzo(k)fluoranthene	17.74	252	246174	24.52	ng		95
89) Benzo(a)pyrene	18.13	252	131981	13.19	ng		97
90) Dibenzo(a,h)anthracene	19.79	278	23876	2.28	ng	#	70
91) Benzo(g,h,i)perylene	20.23	276	84438	8.48	ng		99

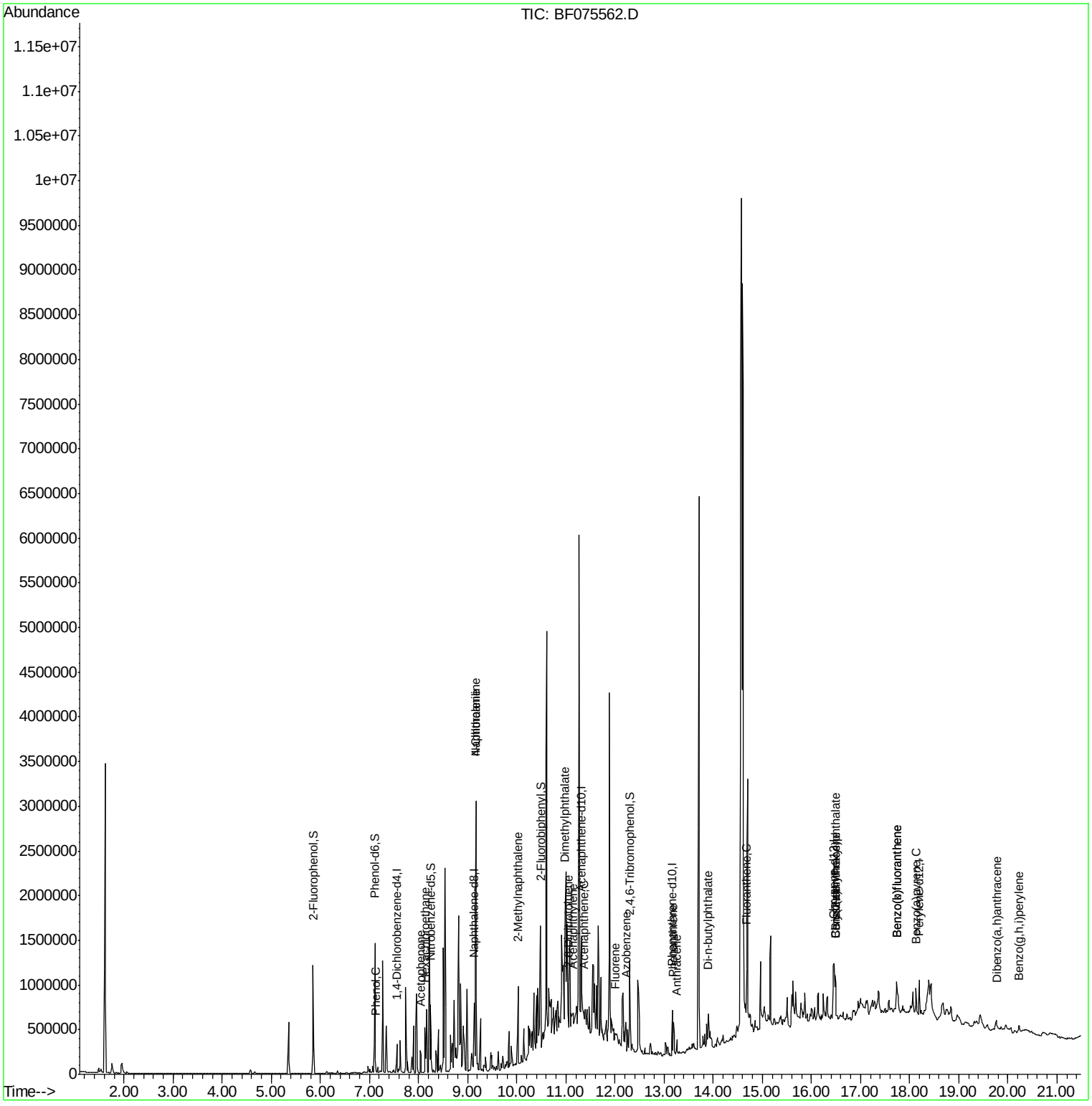
(#) = qualifier out of range (m) = manual integration (+) = signals summed

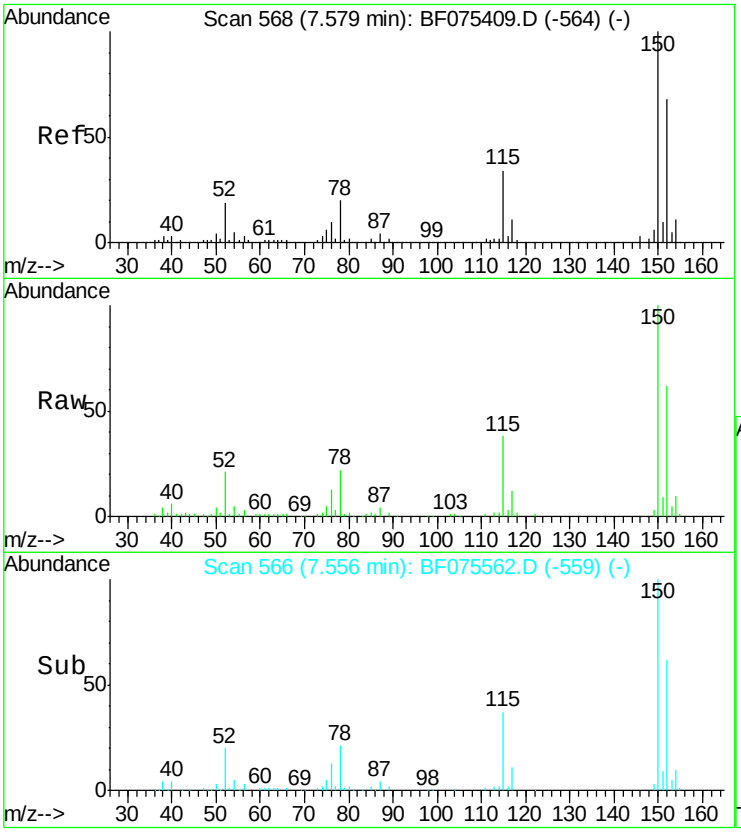
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Quant Time: Nov 16 06:15:06 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration



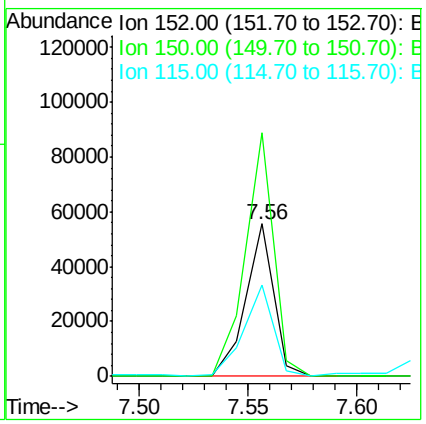


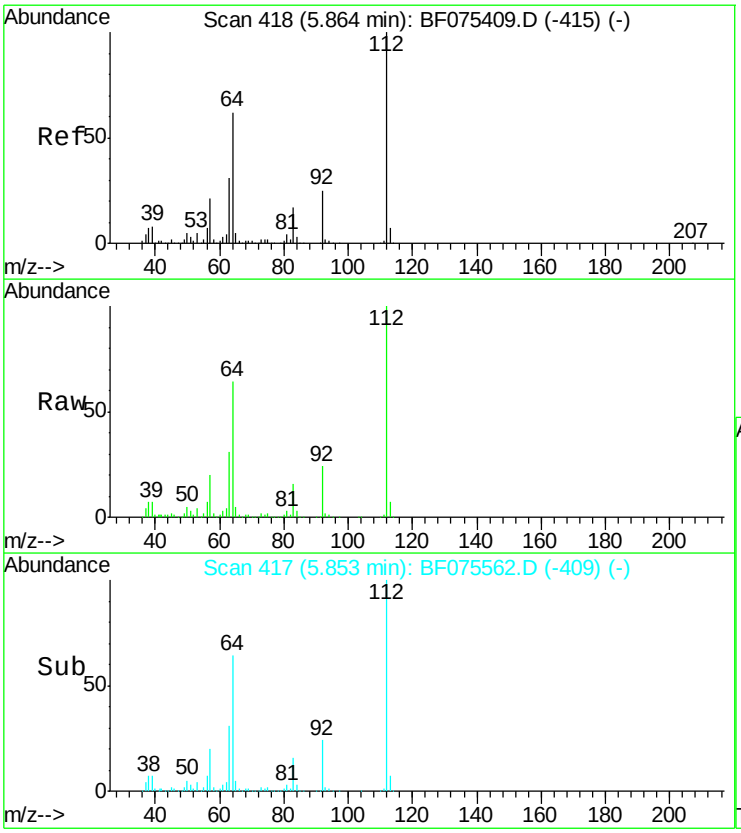
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:152 Resp: 49619

Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.2	190.8
115	60.4	57.1	85.7

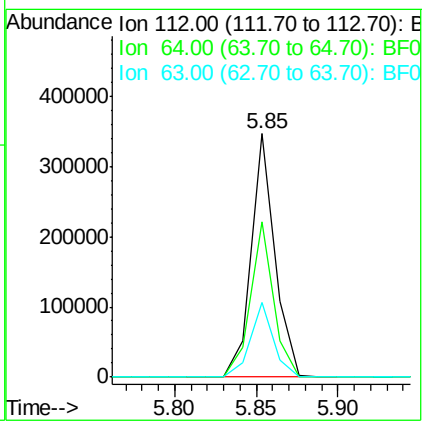


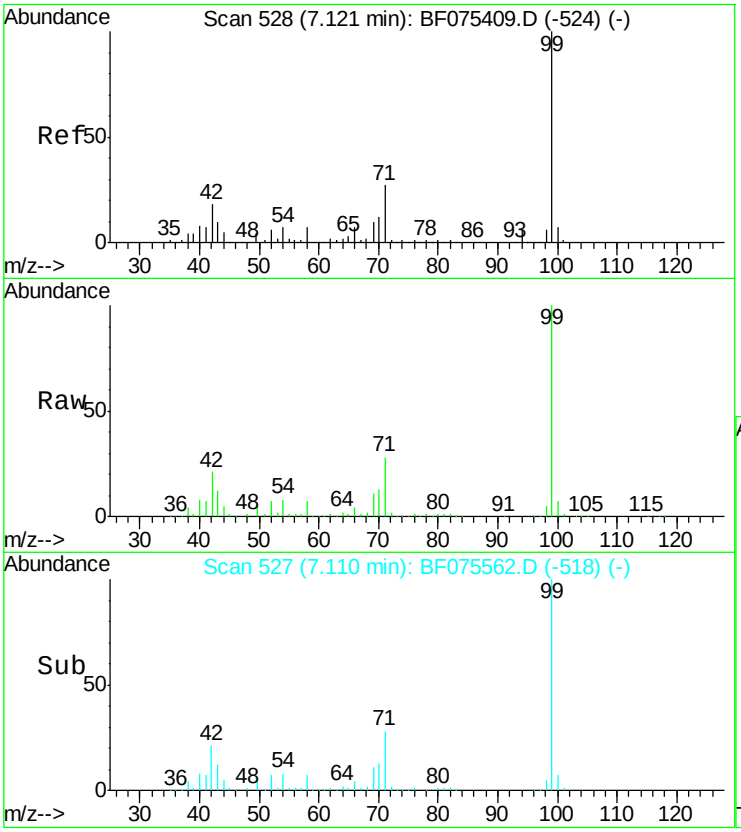


#5
2-Fluorophenol
Concen: 124.58 ng
RT: 5.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:112 Resp: 349911

Ion	Ratio	Lower	Upper
112	100		
64	63.9	45.8	68.6
63	30.9	22.7	34.1



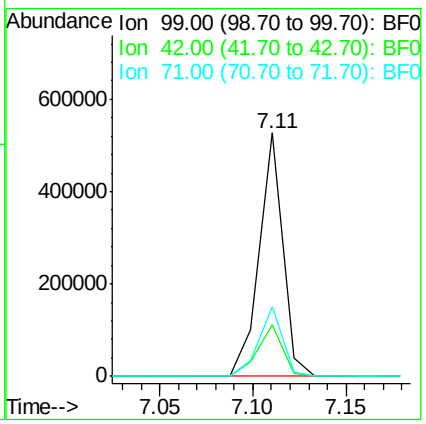


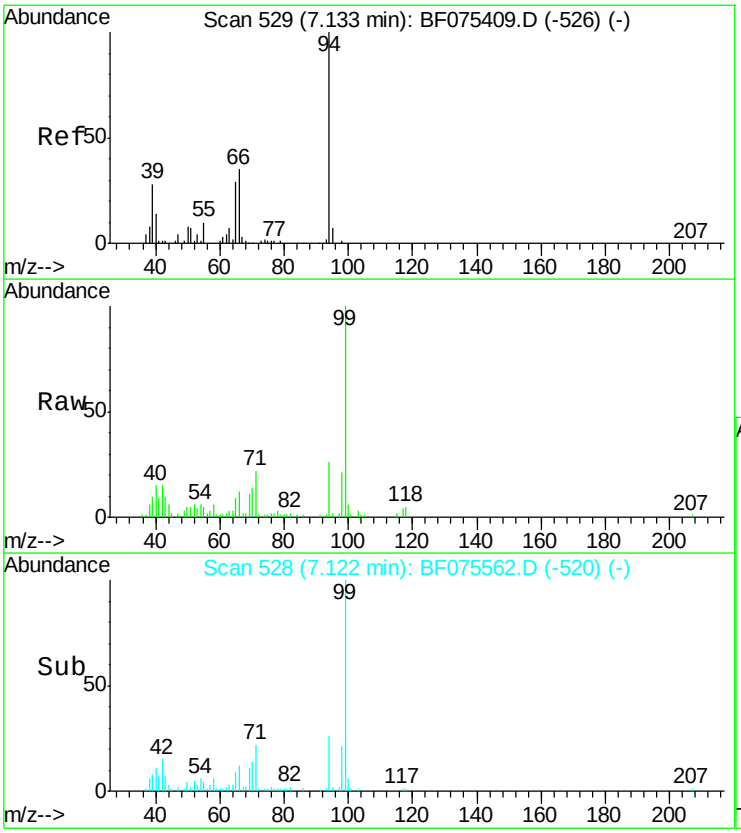
#7
Phenol-d6
Concen: 136.18 ng
RT: 7.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion: 99 Resp: 459969

Ion	Ratio	Lower	Upper
99	100		
42	21.4	19.8	29.6
71	28.4	25.5	38.3

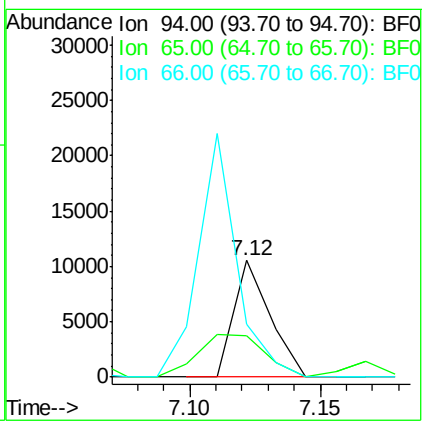


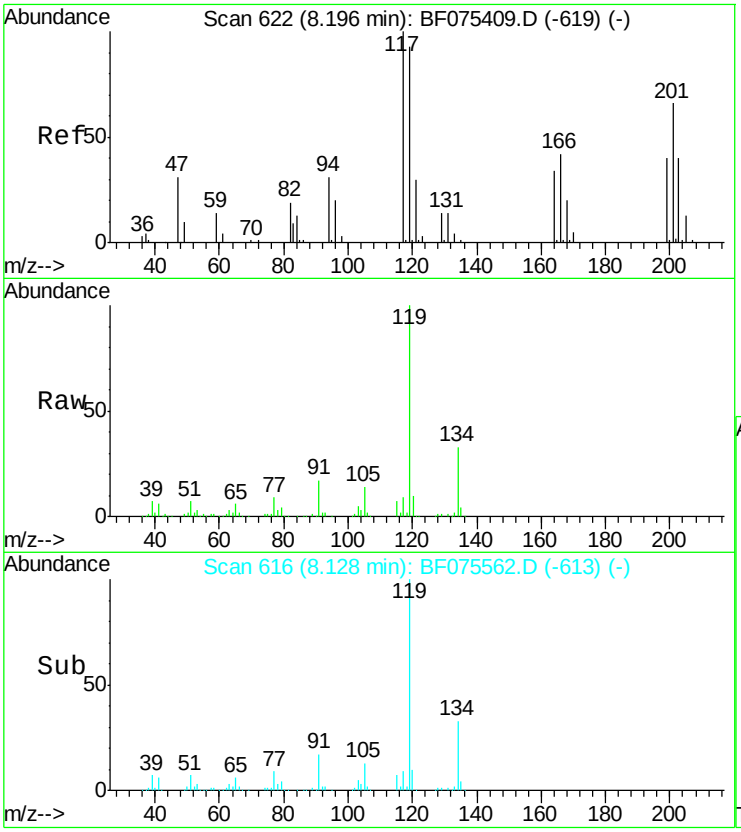


#10
Phenol
Concen: 2.48 ng
RT: 7.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion: 94 Resp: 10214

Ion	Ratio	Lower	Upper
94	100		
65	35.9	13.1	53.1
66	44.8	20.8	60.8



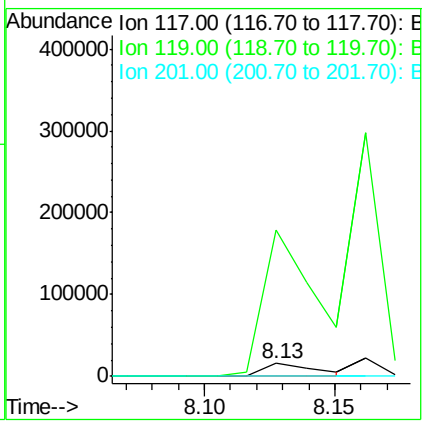


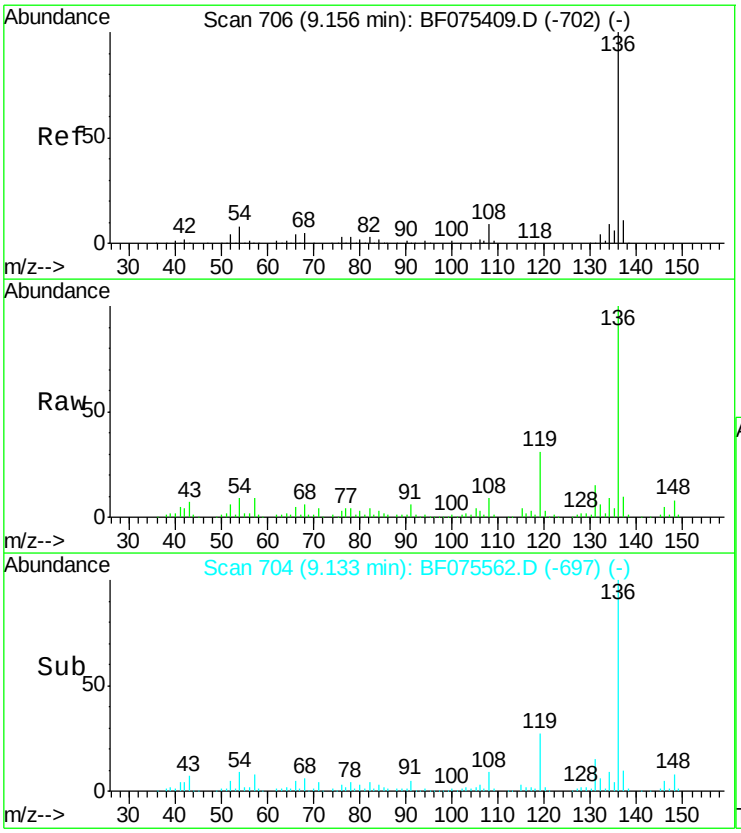
#18
Hexachloroethane
Concen: 16.23 ng
RT: 8.13 min Scan# 616
Delta R.T. -0.07 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:117 Resp: 20058

Ion	Ratio	Lower	Upper
117	100		
119	1123.0	72.9	109.3#
201	0.0	48.2	72.4#

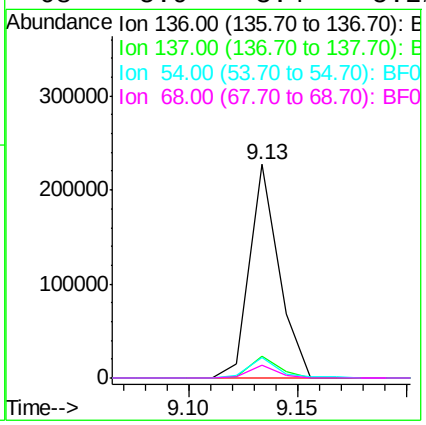


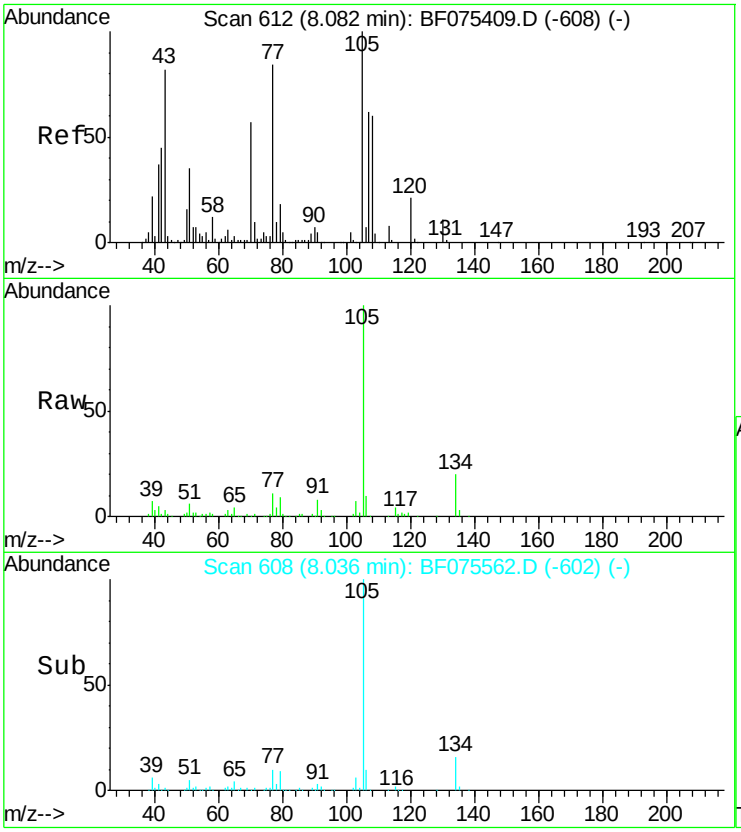


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:136 Resp: 213177

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	9.4	6.2	9.4#
68	5.9	3.4	5.2#



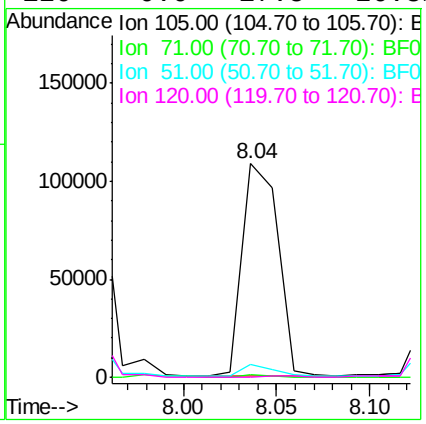


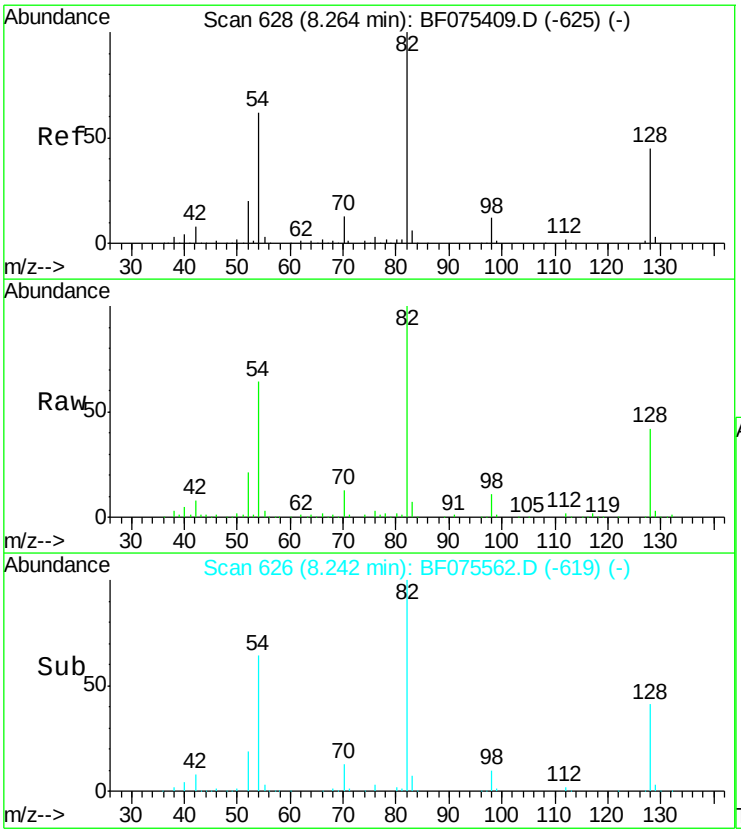
#22
Acetophenone
Concen: 31.41 ng
RT: 8.04 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:105 Resp: 144437

Ion	Ratio	Lower	Upper
105	100		
71	1.1	10.5	15.7#
51	6.1	24.2	36.2#
120	0.0	17.5	26.3#

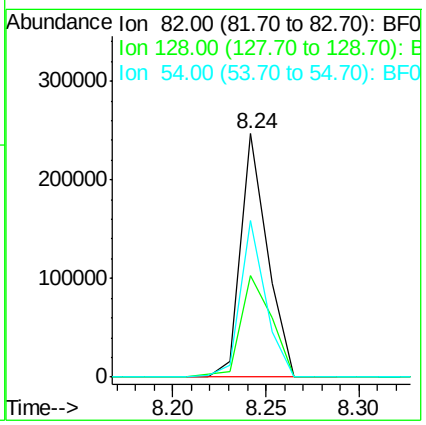


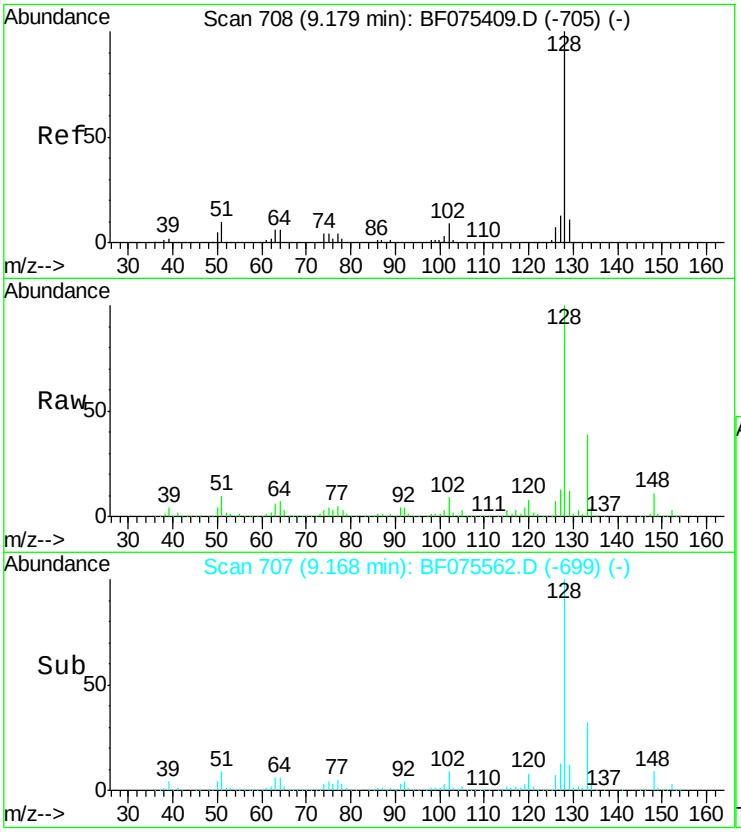


#23
Nitrobenzene-d5
Concen: 84.65 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion: 82 Resp: 246135

Ion	Ratio	Lower	Upper
82	100		
128	41.7	37.8	56.6
54	64.3	49.8	74.8



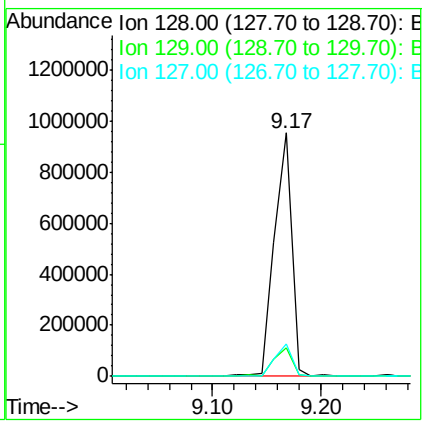


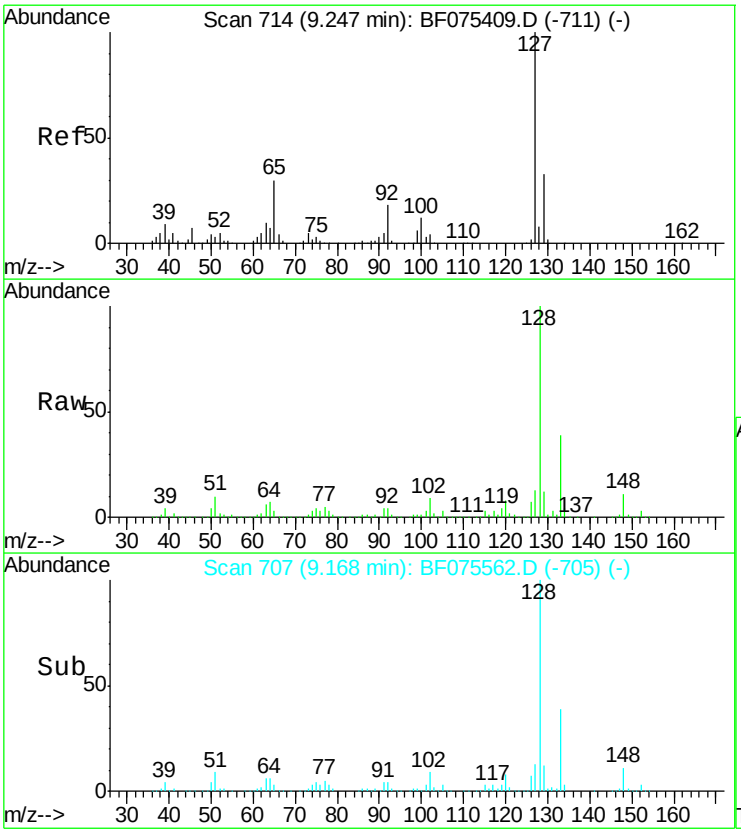
#31
Naphthalene
Concen: 109.80 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:128 Resp: 1043511

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.5	10.2	15.4

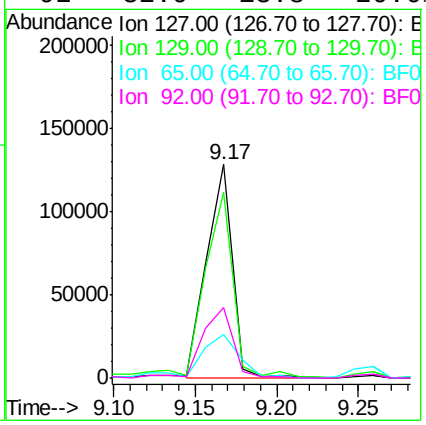


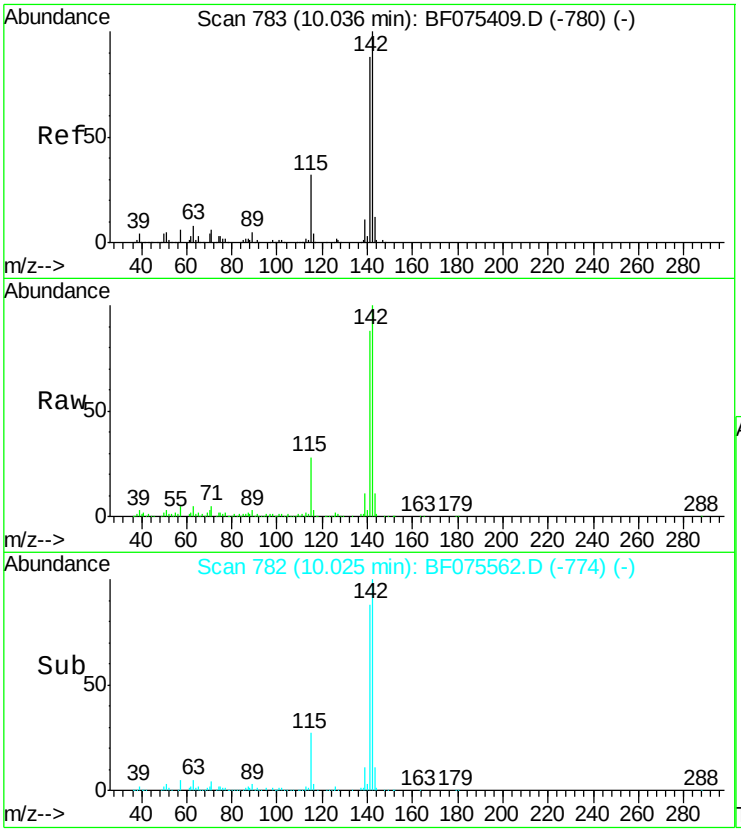


#33
4-Chloroaniline
Concen: 34.18 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.08 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:127 Resp: 141159

Ion	Ratio	Lower	Upper
127	100		
129	87.0	25.5	38.3#
65	20.5	22.8	34.2#
92	32.9	13.8	20.6#



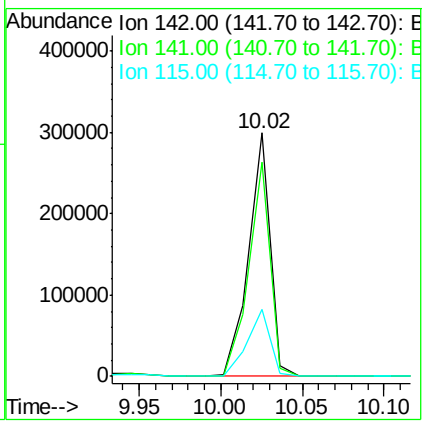


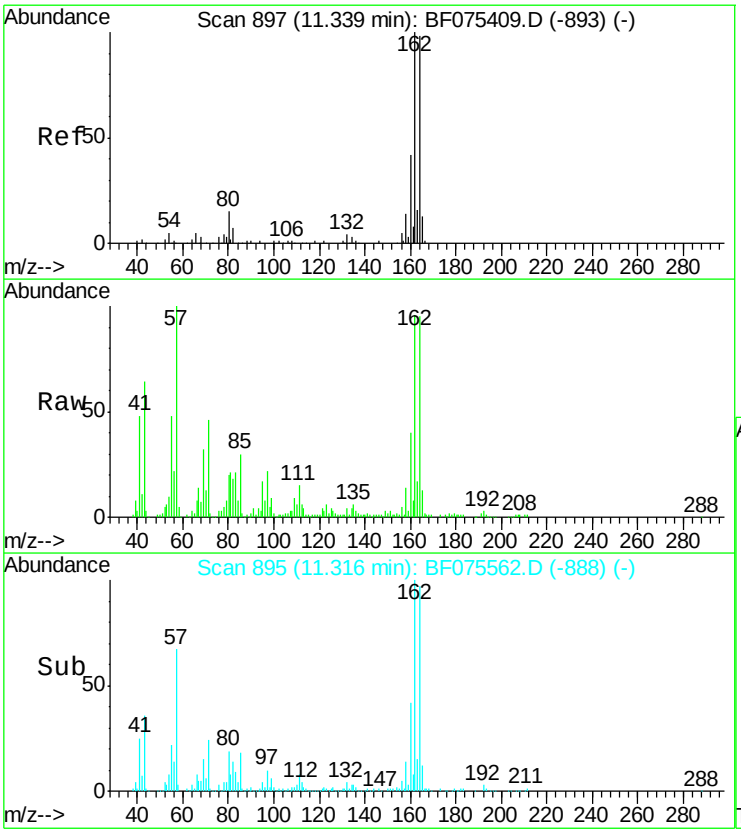
#37
2-Methylnaphthalene
Concen: 42.72 ng
RT: 10.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:142 Resp: 276985

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.9	104.9
115	27.6	27.6	41.4

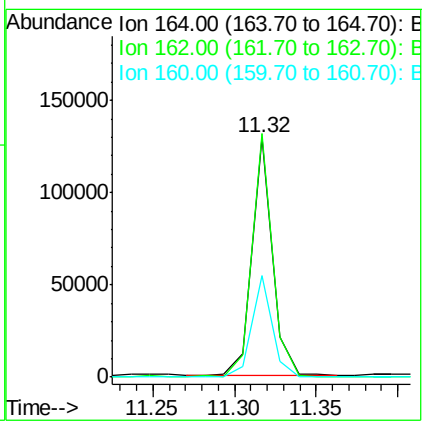


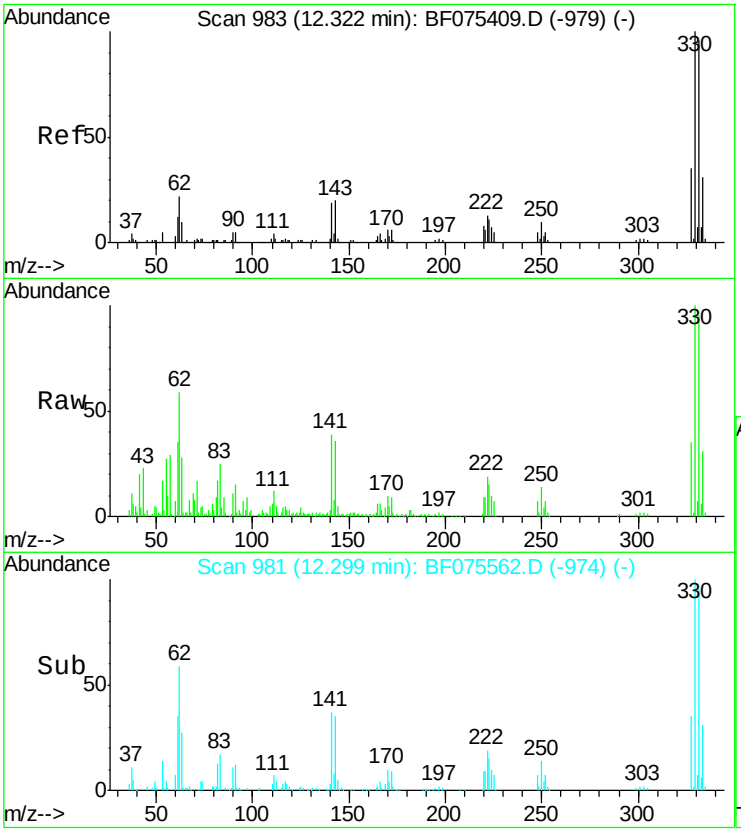


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:164 Resp: 111781

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.1	118.7
160	42.5	34.6	51.8



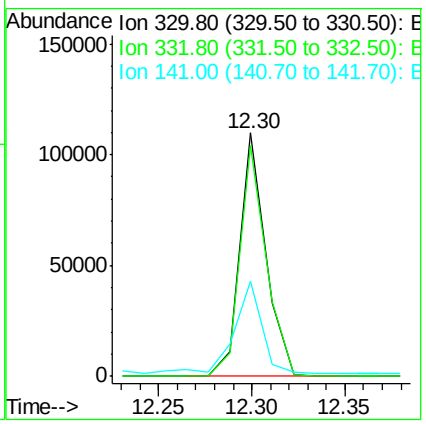


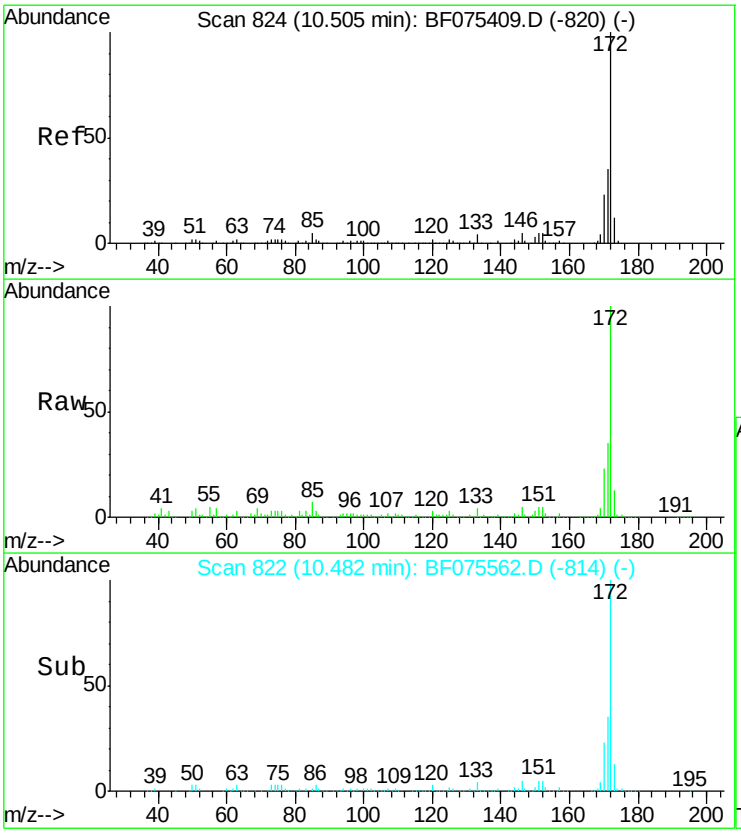
#41
2,4,6-Tribromophenol
Concen: 113.41 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:330 Resp: 106176

Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.5	111.7
141	41.0	30.7	46.1

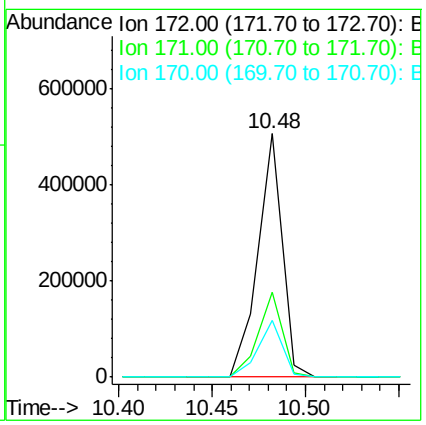


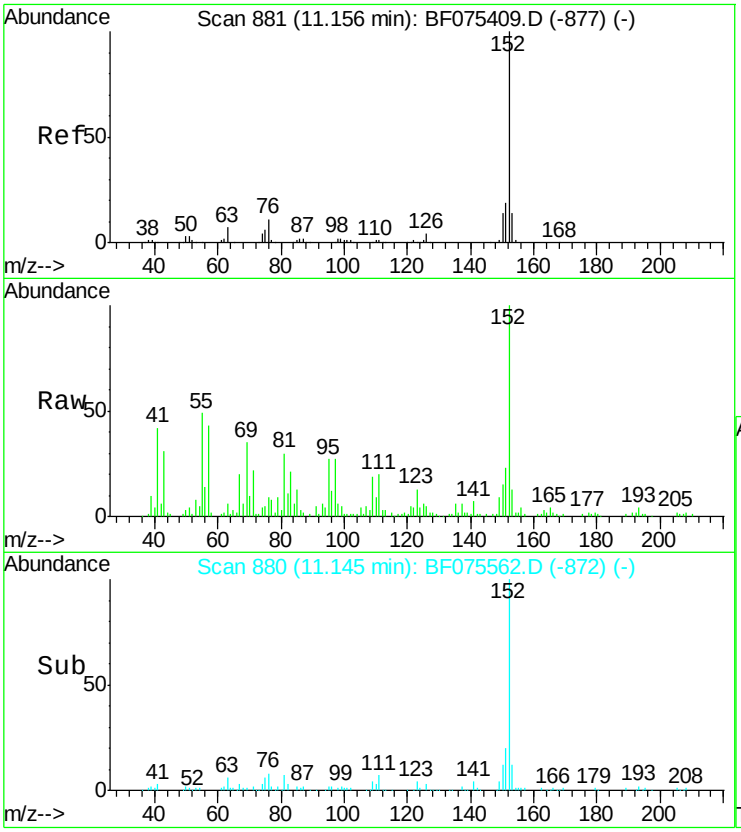


#44
2-Fluorobiphenyl
Concen: 73.62 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:172 Resp: 455434

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.2	18.4	27.6



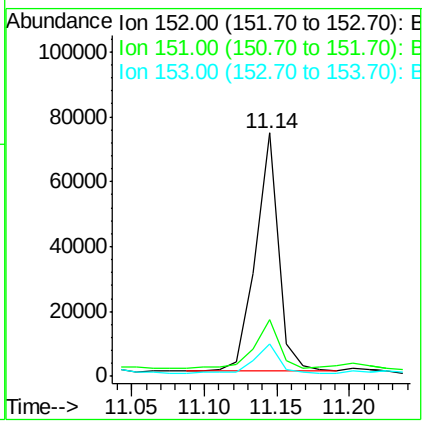


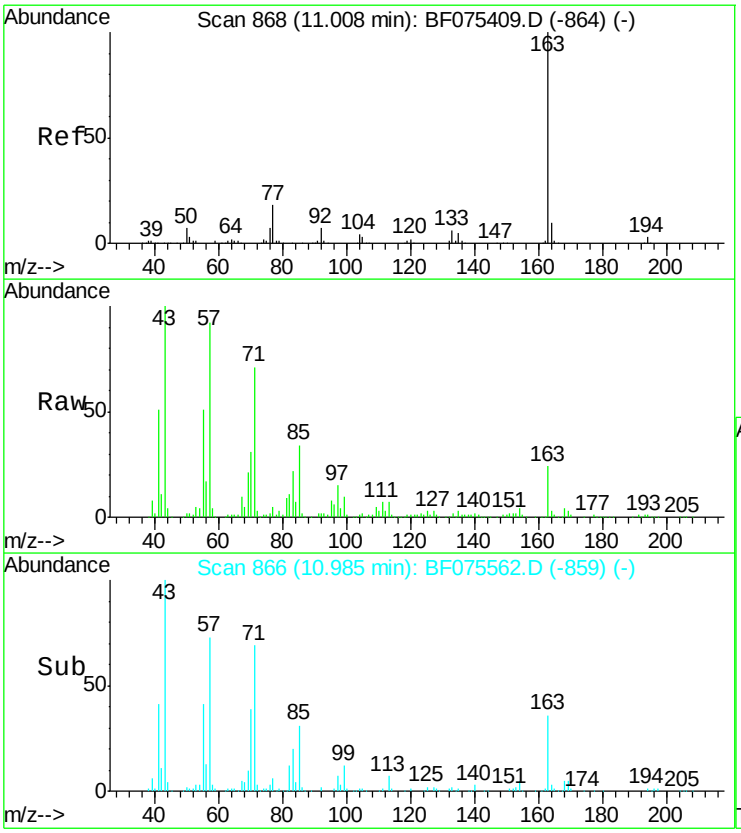
#48
Acenaphthylene
Concen: 8.32 ng
RT: 11.14 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:152 Resp: 80910

Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.4	23.2
153	13.3	10.0	15.0

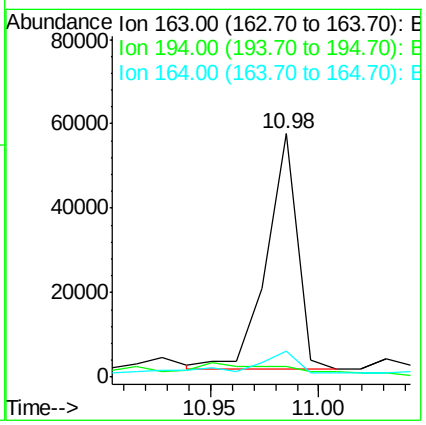


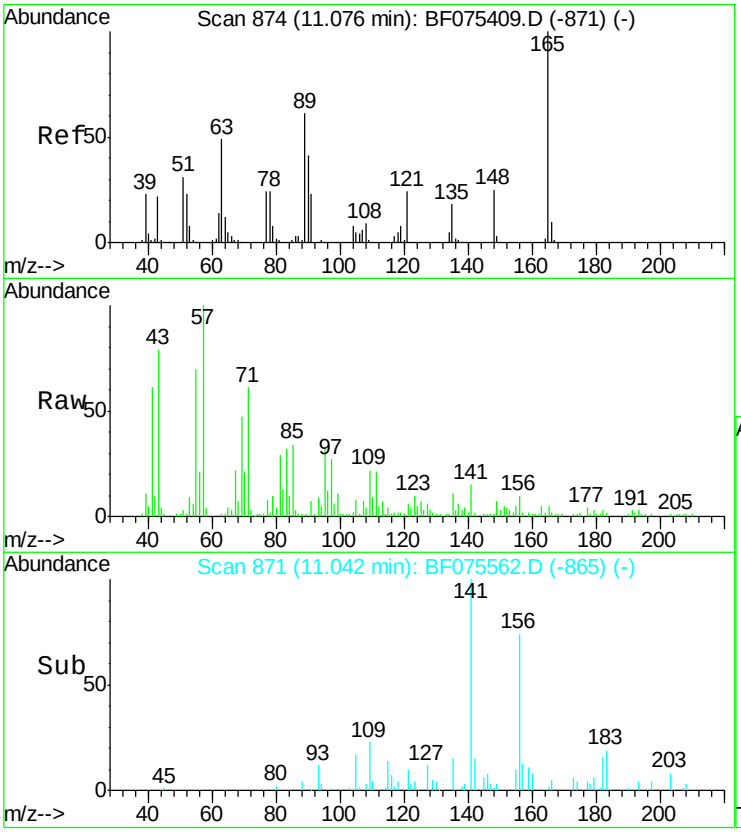


#49
Dimethylphthalate
Concen: 7.23 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:163 Resp: 55221

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.6	8.0	12.0



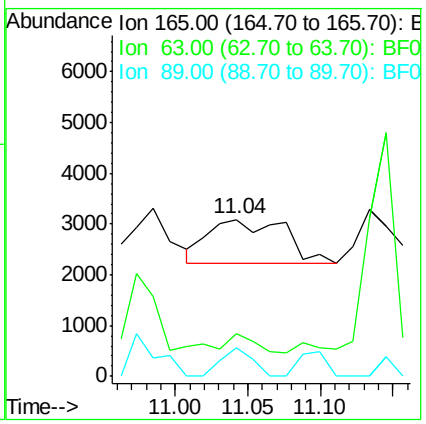


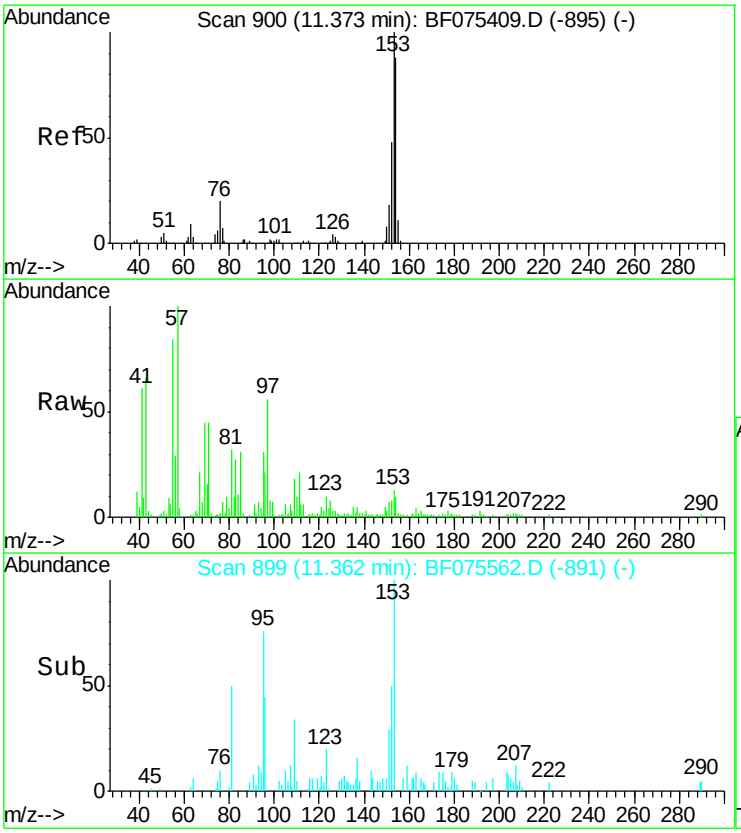
#50
2,6-Dinitrotoluene
Concen: 2.08 ng
RT: 11.04 min Scan# 871
Delta R.T. -0.03 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:165 Resp: 3130

Ion	Ratio	Lower	Upper
165	100		
63	27.4	61.2	91.8#
89	18.1	52.5	78.7#

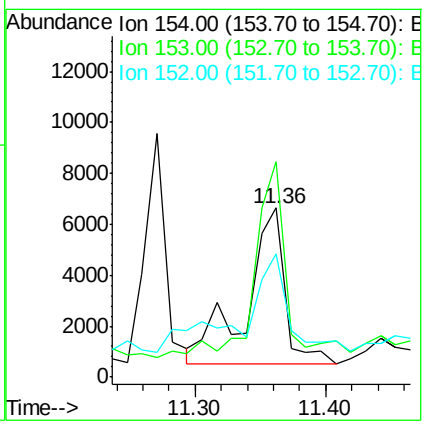


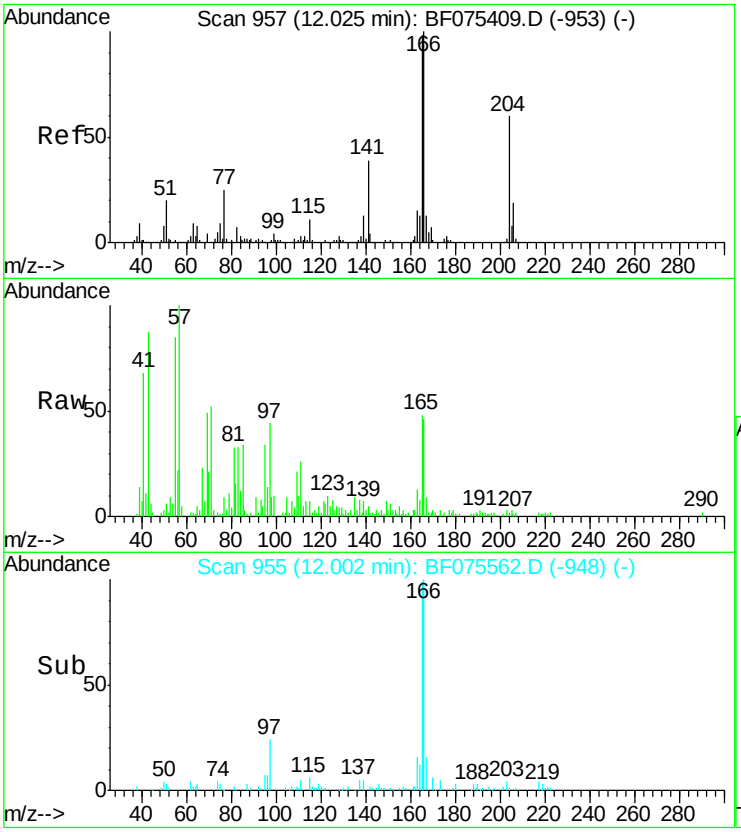


#51
Acenaphthene
Concen: 2.16 ng
RT: 11.36 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:154 Resp: 12645

Ion	Ratio	Lower	Upper
154	100		
153	127.1	91.2	136.8
152	72.8	43.4	65.0#



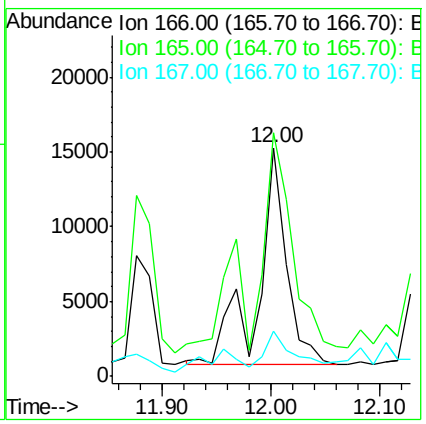


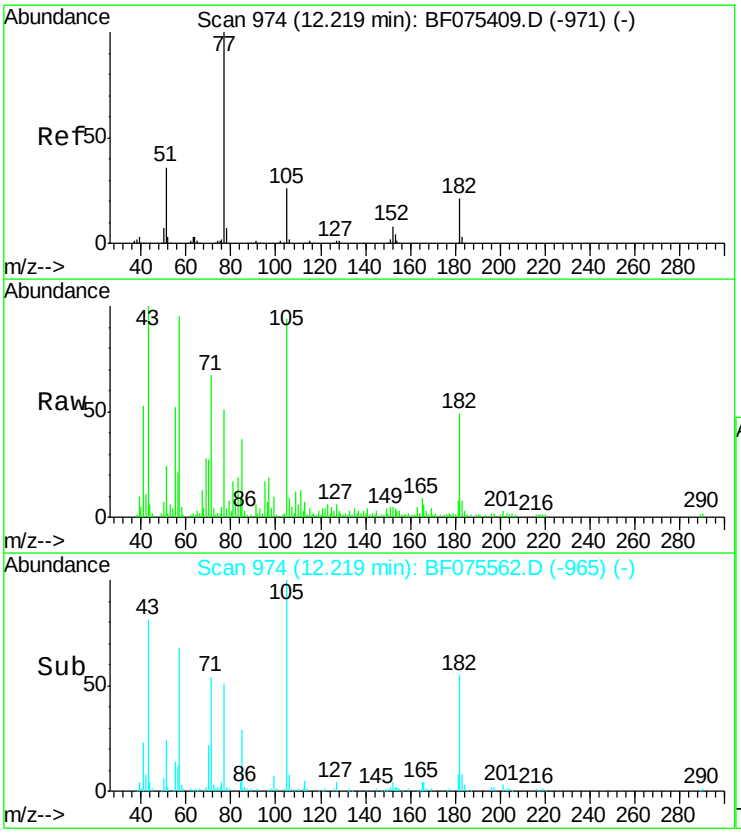
#57
Fluorene
Concen: 3.89 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:166 Resp: 26365

Ion	Ratio	Lower	Upper
166	100		
165	106.4	78.8	118.2
167	20.0	10.6	15.8#

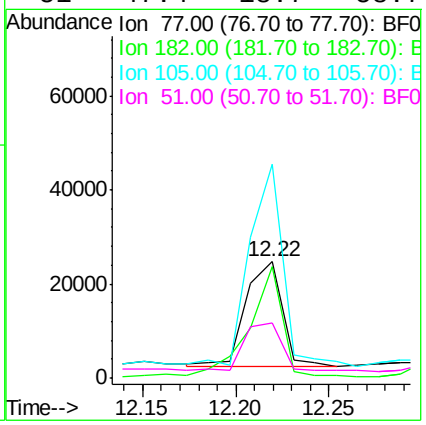


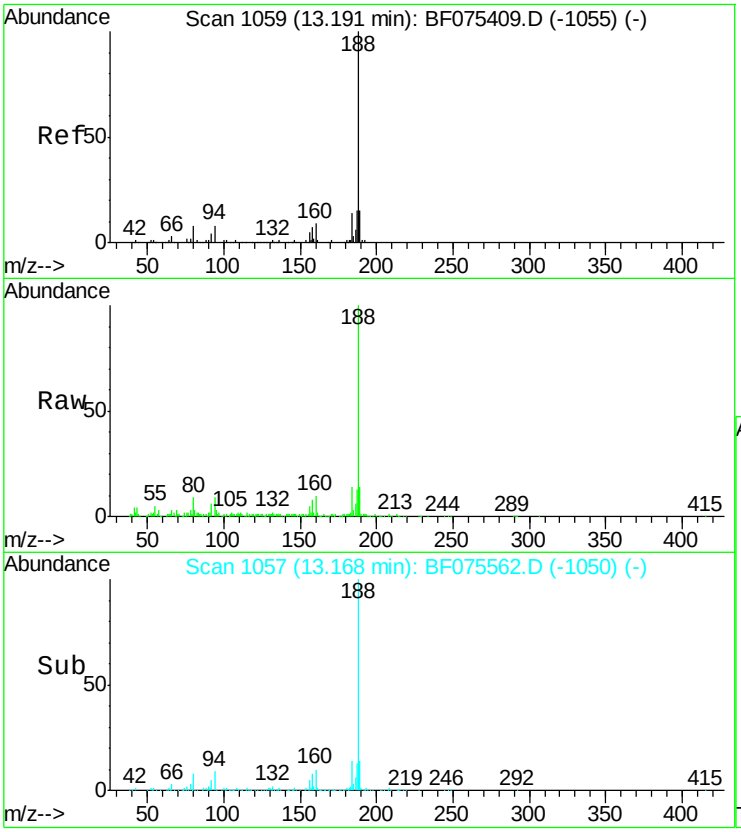


#62
Azobenzene
Concen: 4.27 ng
RT: 12.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion: 77 Resp: 29820

Ion	Ratio	Lower	Upper
77	100		
182	96.1	0.0	37.1#
105	183.9	3.7	43.7#
51	47.4	18.7	58.7



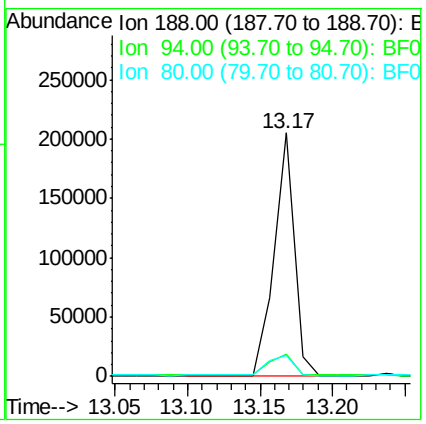


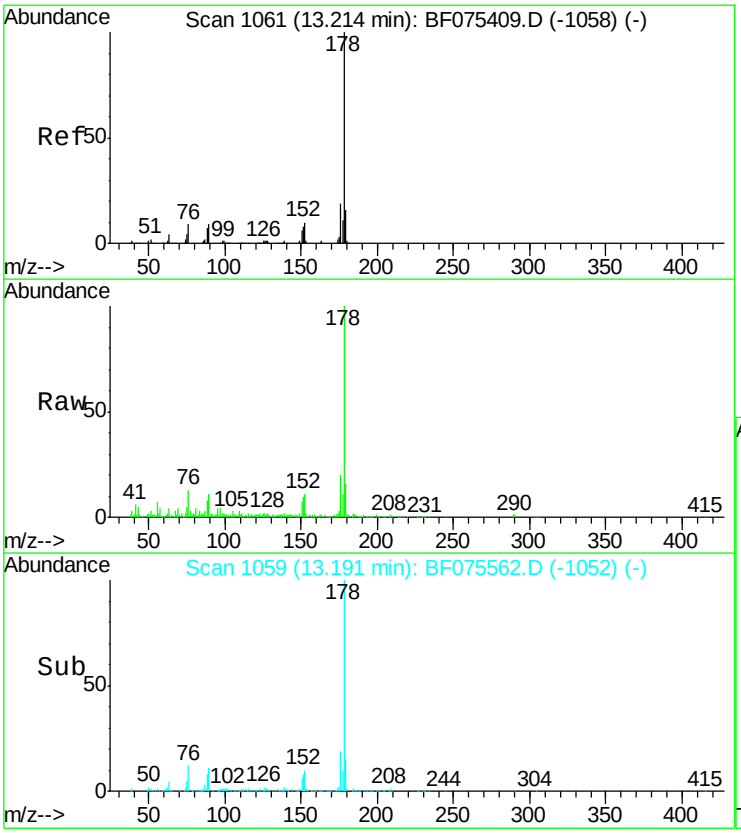
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:188 Resp: 198540

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	8.8	8.0	12.0

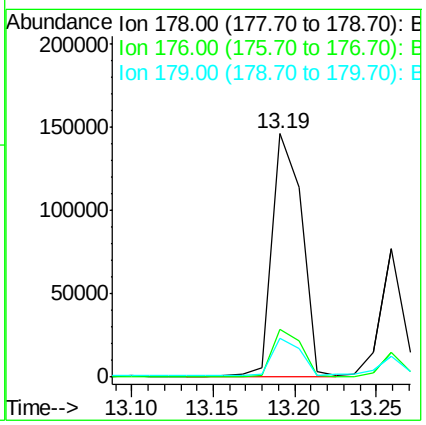


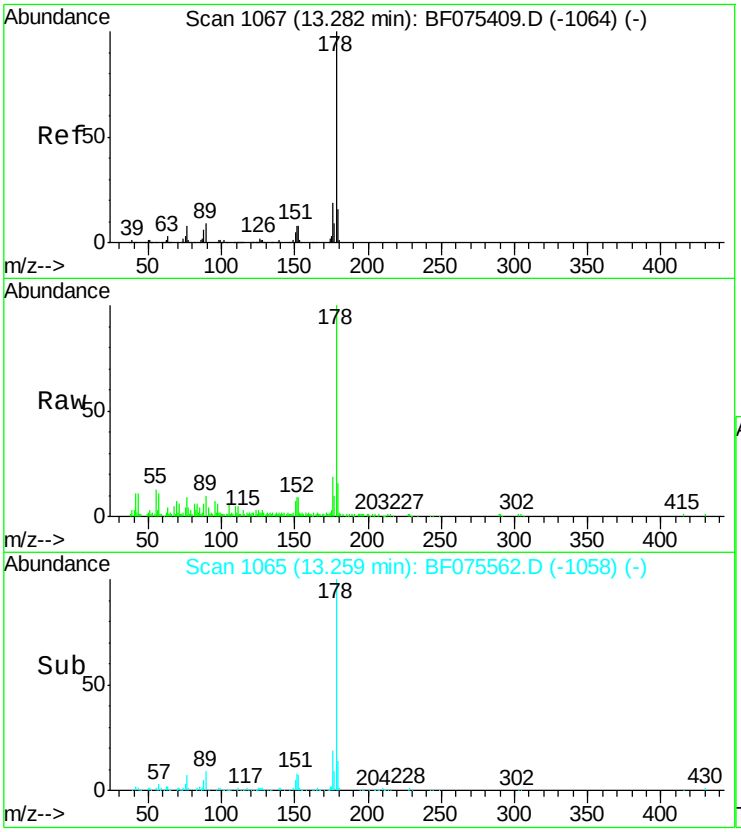


#70
Phenanthrene
Concen: 17.62 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:178 Resp: 184084

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	16.0	12.2	18.4



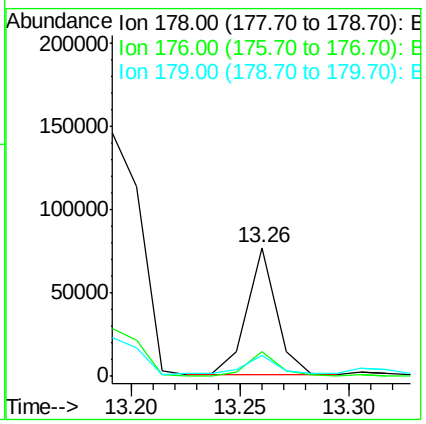


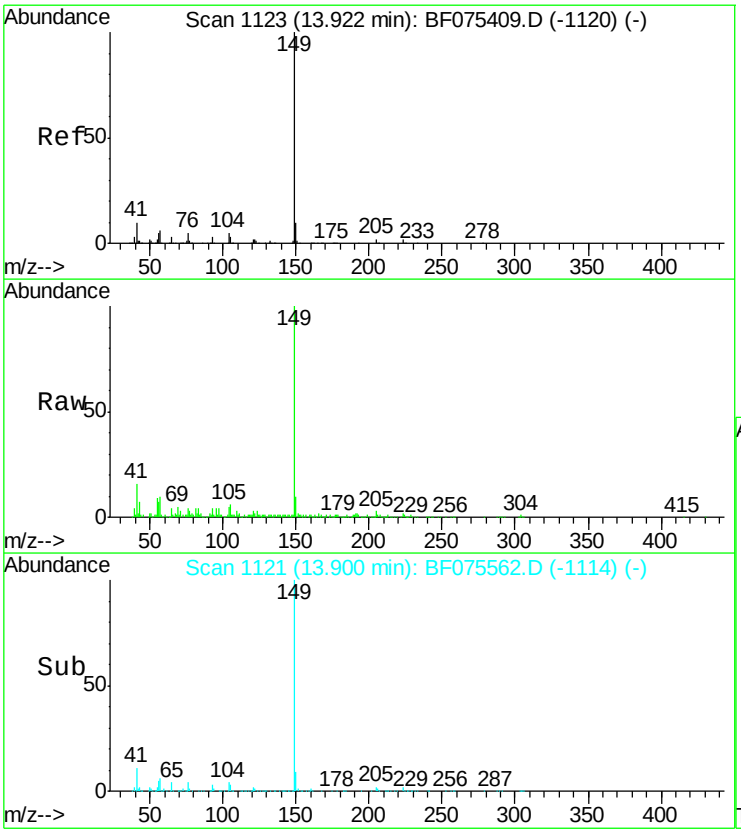
#71
Anthracene
Concen: 6.60 ng
RT: 13.26 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:178 Resp: 71290

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	16.2	12.2	18.2

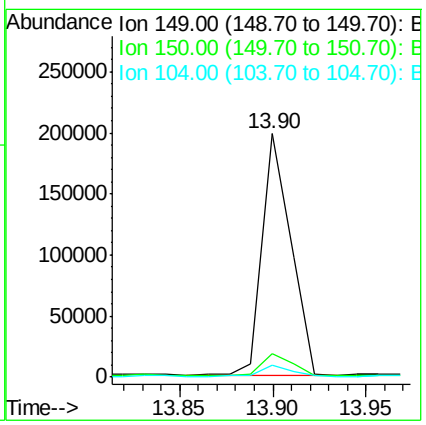


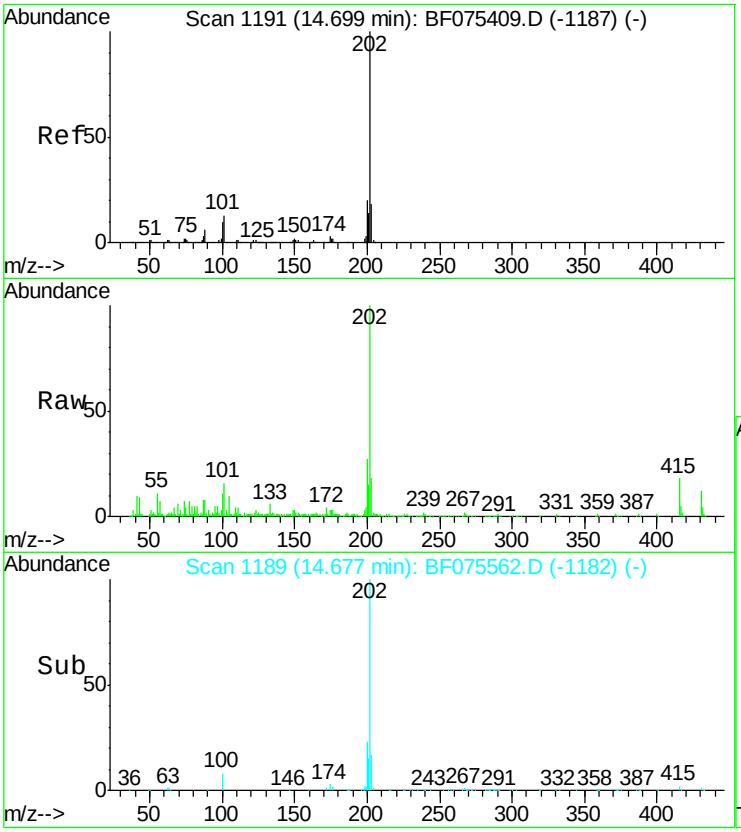


#73
Di-n-butylphthalate
Concen: 14.35 ng
RT: 13.90 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:149 Resp: 209416

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.8	3.1	4.7#



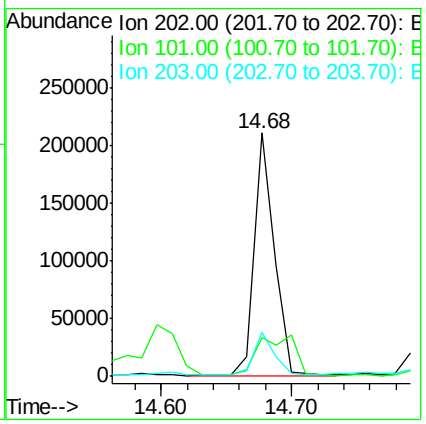


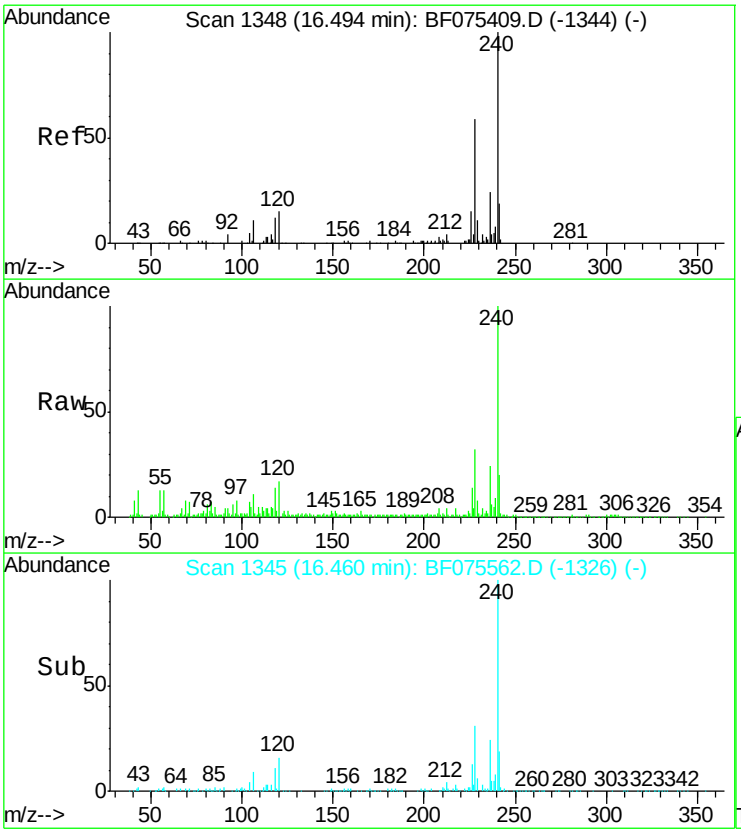
#74
Fluoranthene
Concen: 20.20 ng
RT: 14.68 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:202 Resp: 226040

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	36.6
203	18.3	0.0	38.2

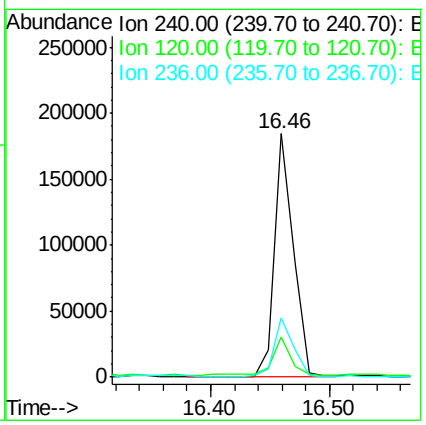


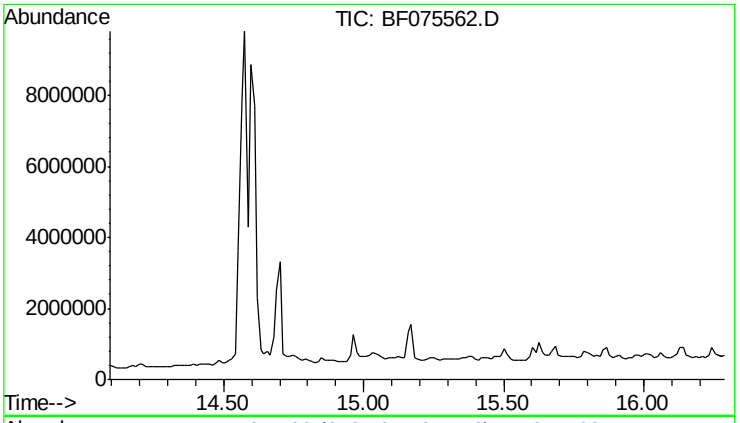


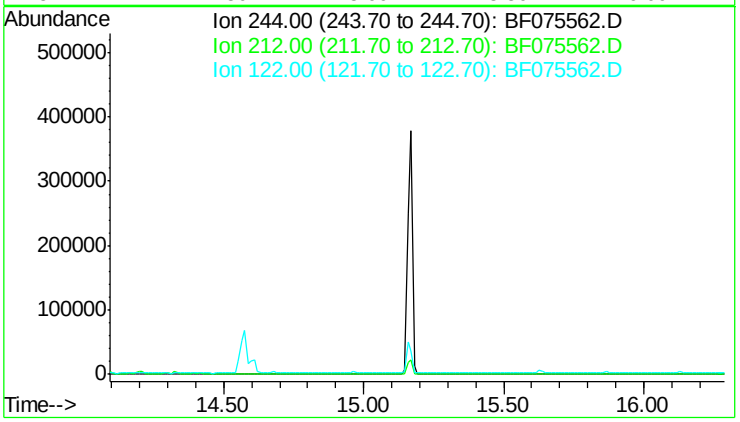
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:240 Resp: 201096

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.6	14.4#
236	24.3	18.9	28.3







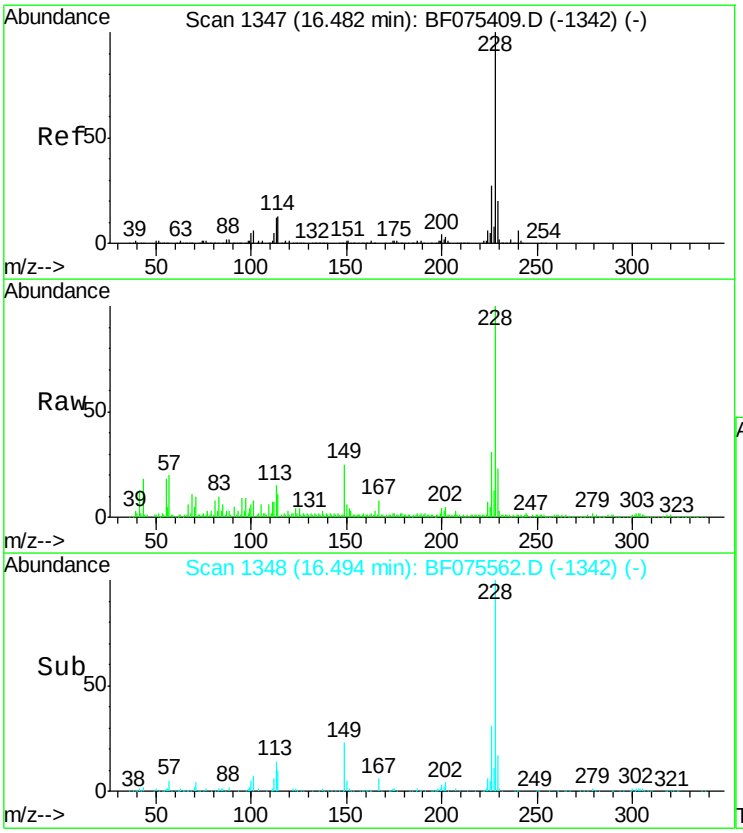
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 15.19 min

Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.9
122	12.1

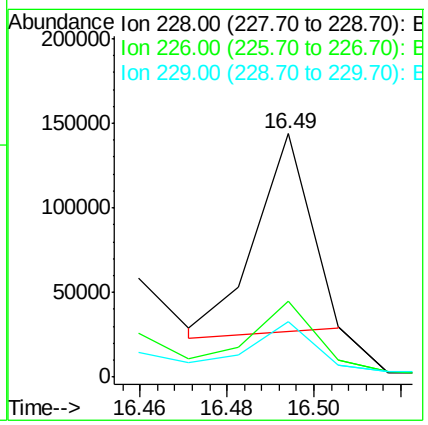
Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

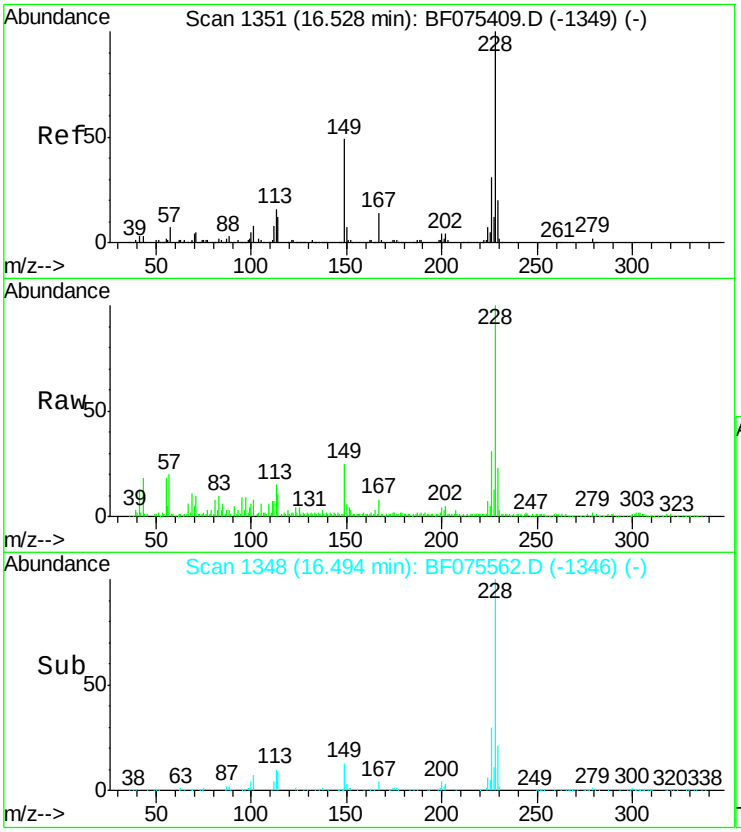


#80
Benzo(a)anthracene
Concen: 9.65 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:228 Resp: 101949

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.8	32.8
229	22.8	15.3	22.9



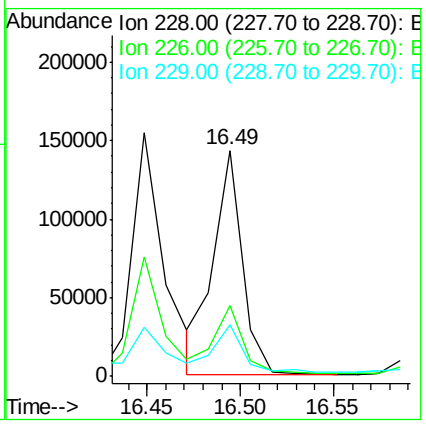


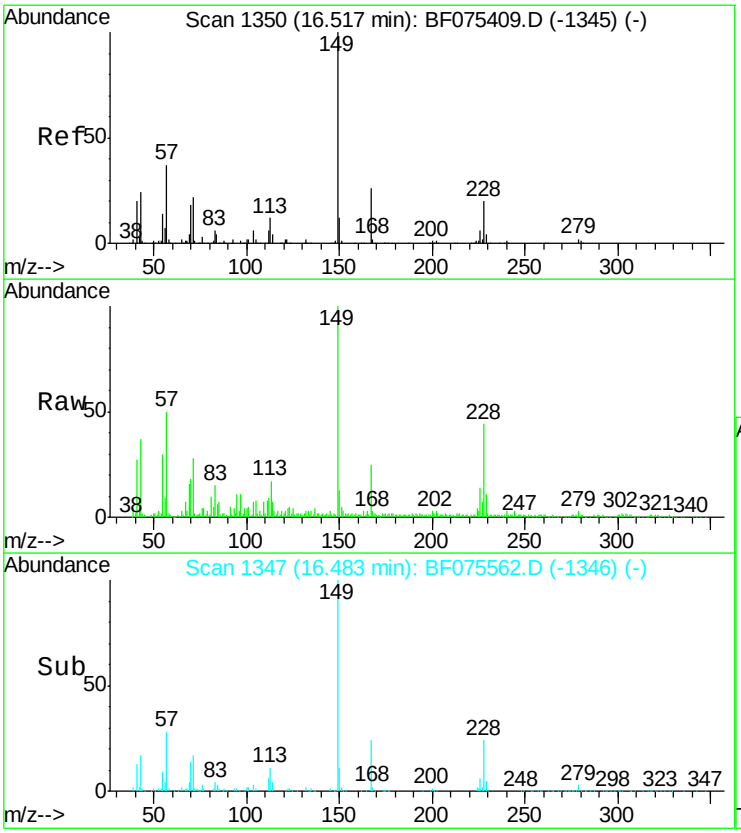
#82
Chrysene
Concen: 16.95 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.08 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:228 Resp: 154899

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	22.8	15.8	23.6

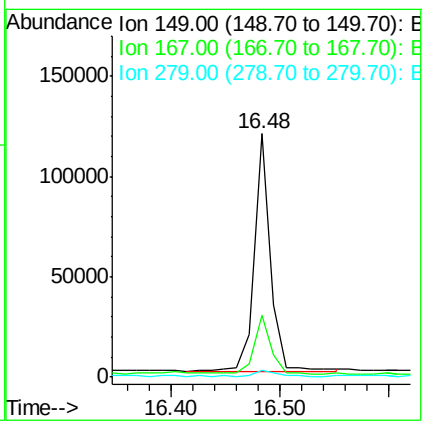


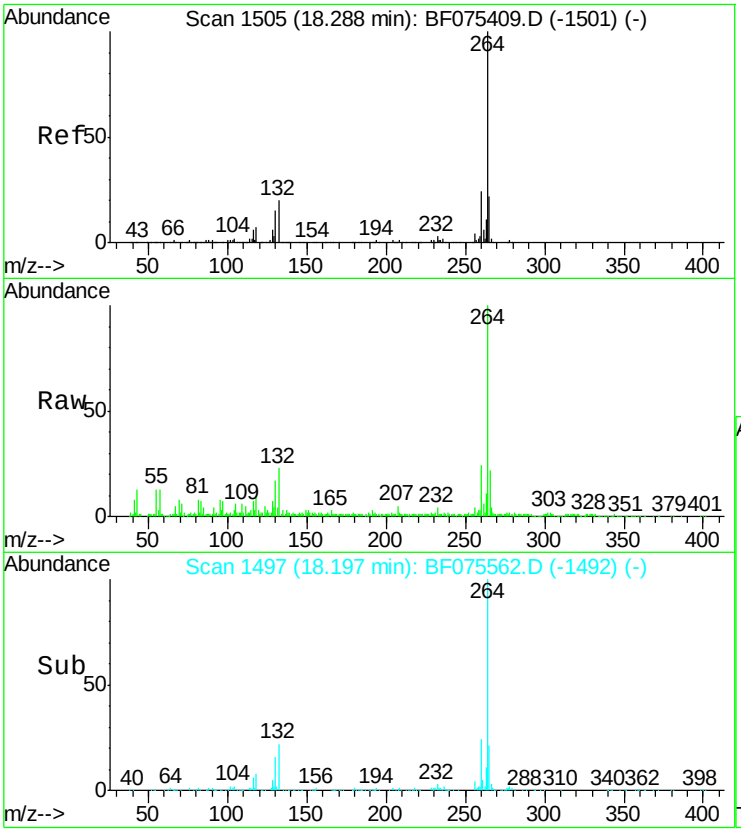


#83
Bis(2-ethylhexyl)phthalate
Concen: 11.86 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.09 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:149 Resp: 122614

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.2
279	2.8	2.8	4.2#



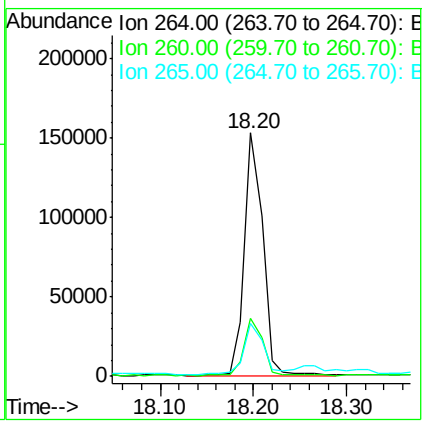


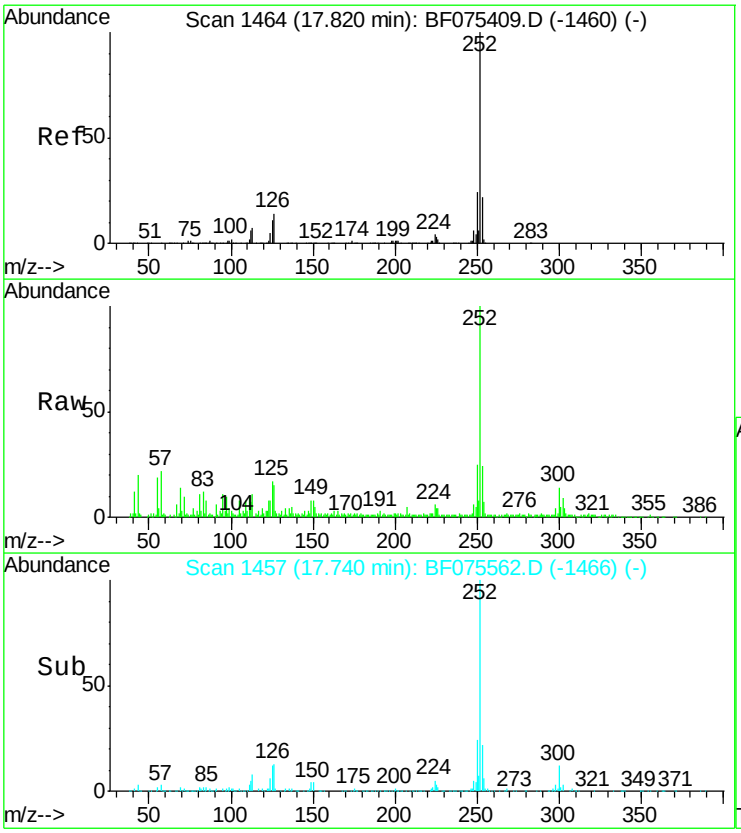
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. -0.24 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:264 Resp: 209237

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	21.7	16.3	24.5

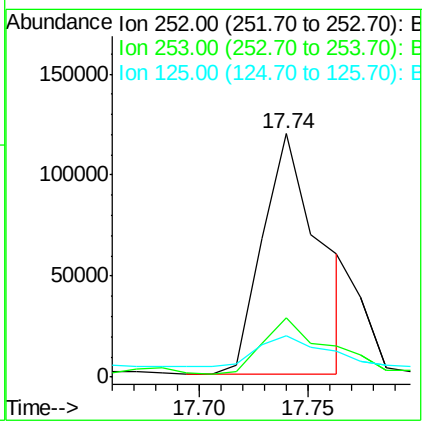


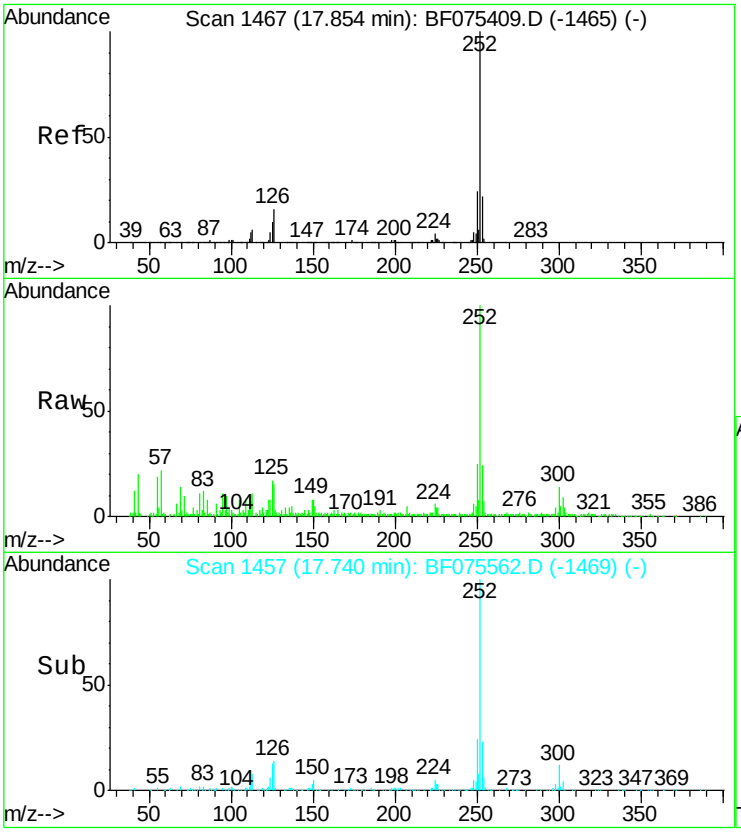


#87
Benzo(b)fluoranthene
Concen: 19.46 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.21 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:252 Resp: 217688

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	17.1	11.8	17.6



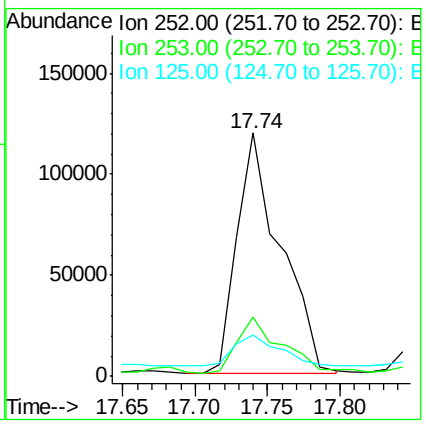


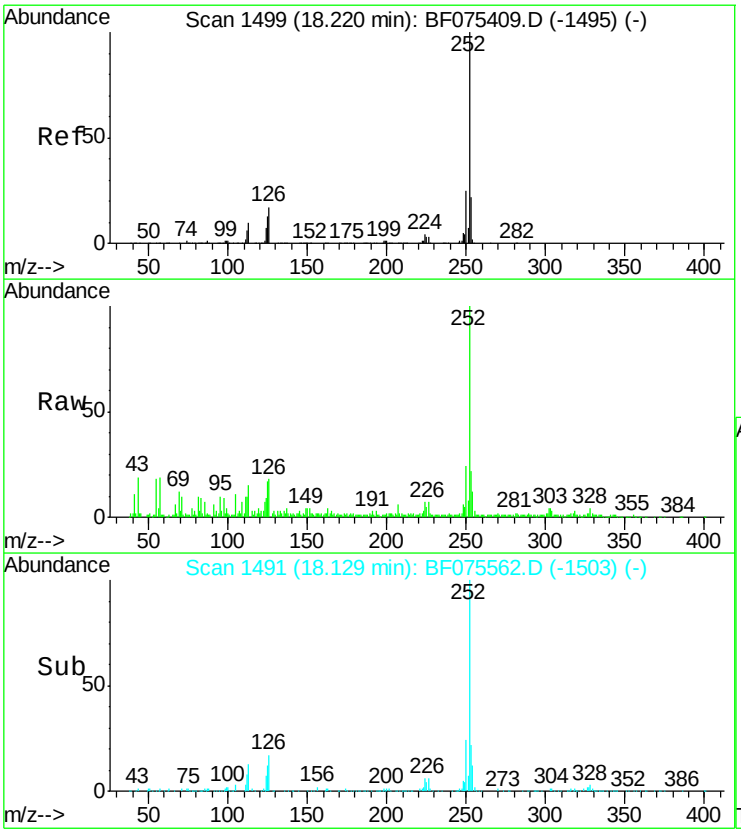
#88
Benzo(k)fluoranthene
Concen: 24.52 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:252 Resp: 246174

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	17.1	11.6	17.4

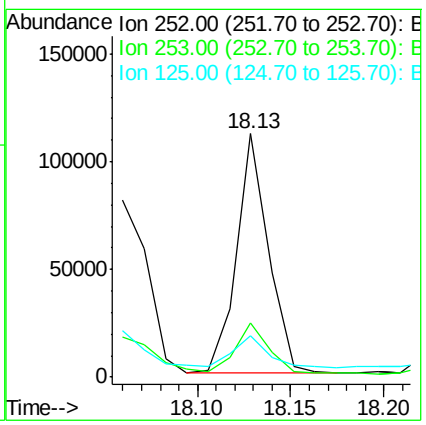


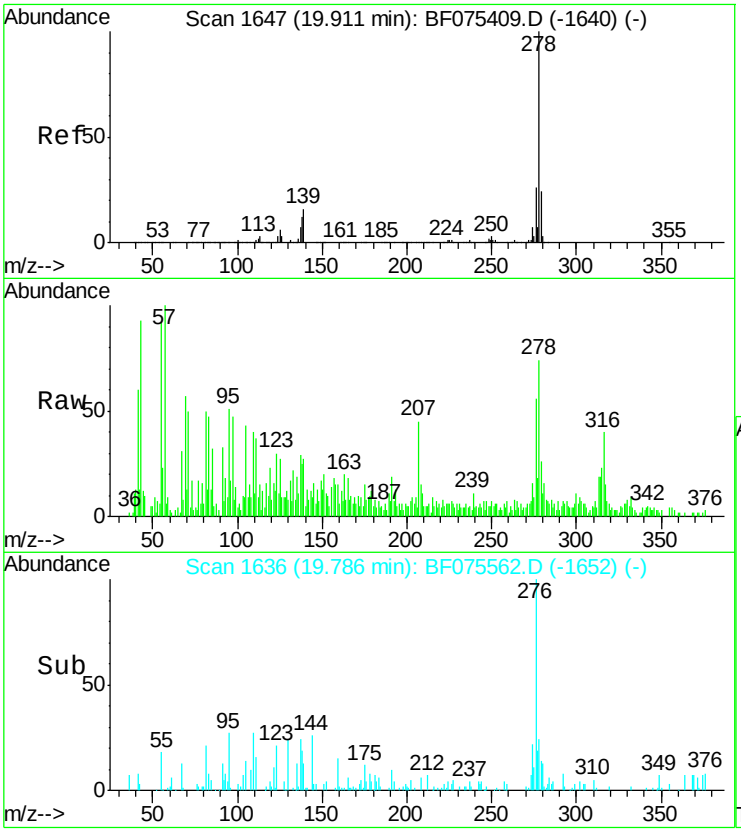


#89
Benzo(a)pyrene
Concen: 13.19 ng
RT: 18.13 min Scan# 1491
Delta R.T. -0.24 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:252 Resp: 131981

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	17.1	12.2	18.4



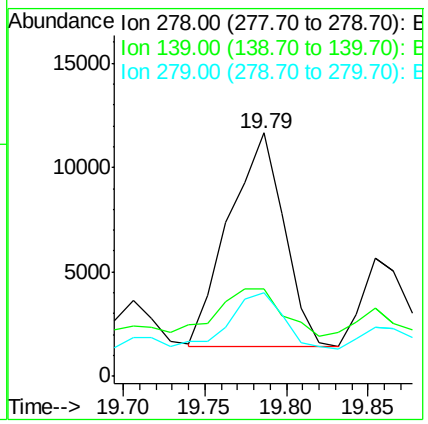


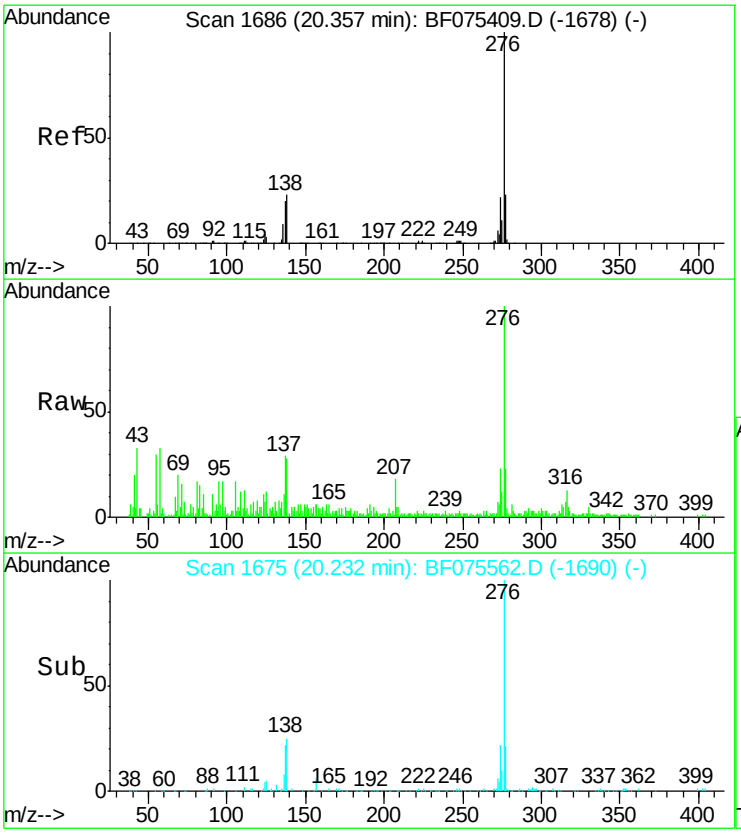
#90
Dibenzo(a,h)anthracene
Concen: 2.28 ng
RT: 19.79 min Scan# 1636
Delta R.T. -0.29 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Tgt Ion:278 Resp: 23876

Ion	Ratio	Lower	Upper
278	100		
139	35.8	13.6	20.4#
279	34.5	19.4	29.0#





#91
Benzo(g,h,i)perylene
Concen: 8.48 ng
RT: 20.23 min Scan# 1675
Delta R.T. -0.27 min
Lab File: BF075562.D
Acq: 16 Nov 2014 1:12

Tgt Ion:276 Resp: 84438

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.8	26.8
138	28.5	22.8	34.2