Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8A-2

Quant Time: Sep 15 05:05:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	140107	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	580131	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	256957	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	413458	20.00	ng		-0.02
75) Chrysene-d12	13.79	240	295013	20.00	ng		-0.02
86) Perylene-d12	15.19	264	312901	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1133404	119.61	ng		-0.01
7) Phenol-d6	6.30	99	1416118	117.70	ng		-0.02
23) Nitrobenzene-d5	7.22	82	894005	85.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	219120	127.77	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1469639	96.94	ng		-0.02
78) Terphenyl-d14	12.75	244	939527	68.74	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.32	94	34283	2.453	ng		93
15) Benzyl Alcohol	6.80	79	16223	2.026	ng	#	38
19) n-Nitroso-di-n-propylamine	7.22	70	117293	15.499	ng	#	77
25) Isophorone	7.22	82	884032	41.989	ng	#	67
31) Naphthalene	7.95	128	75757	2.642	ng		98
32) Benzoic acid	7.75	122	946	8.098	ng	#	1
37) 2-Methylnaphthalene	8.65	142	49307	2.838	ng		99
49) Dimethylphthalate	9.40	163	277407	13.947	ng		99
53) 2,4-Dinitrophenol	9.96	184	848	8.917	ng	#	46
64) 4,6-Dinitro-2-methylphenol	10.49	198	952	5.301	ng		88
66) 4-Bromophenyl-phenylether	10.47	248	16927	4.314	ng	#	1
69) Pentachlorophenol	10.97	266	617	7.258	ng	#	1
70) Phenanthrene	11.19	178	156575	7.143	ng		97
74) Fluoranthene	12.37	202	205130	9.349	ng		99
77) Pyrene	12.60	202	201608	8.663	ng		98
80) Benzo(a)anthracene	13.79	228	103098	5.961	ng		96
82) Chrysene	13.82	228	126172	7.217	ng		96
85) Indeno(1,2,3-cd)pyrene	16.53	276	58113	4.738	ng	#	92
87) Benzo(b)fluoranthene	14.80	252	235171	11.953	ng		98
89) Benzo(a)pyrene	15.13	252	91456	5.218	ng		97
91) Benzo(g,h,i)perylene	16.93	276	51156	3.989	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098549.D
Acq On : 15 Sep 2017 1:11
Operator : SJ/JU
Sample : I5160-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Quant Time: Sep 15 05:05:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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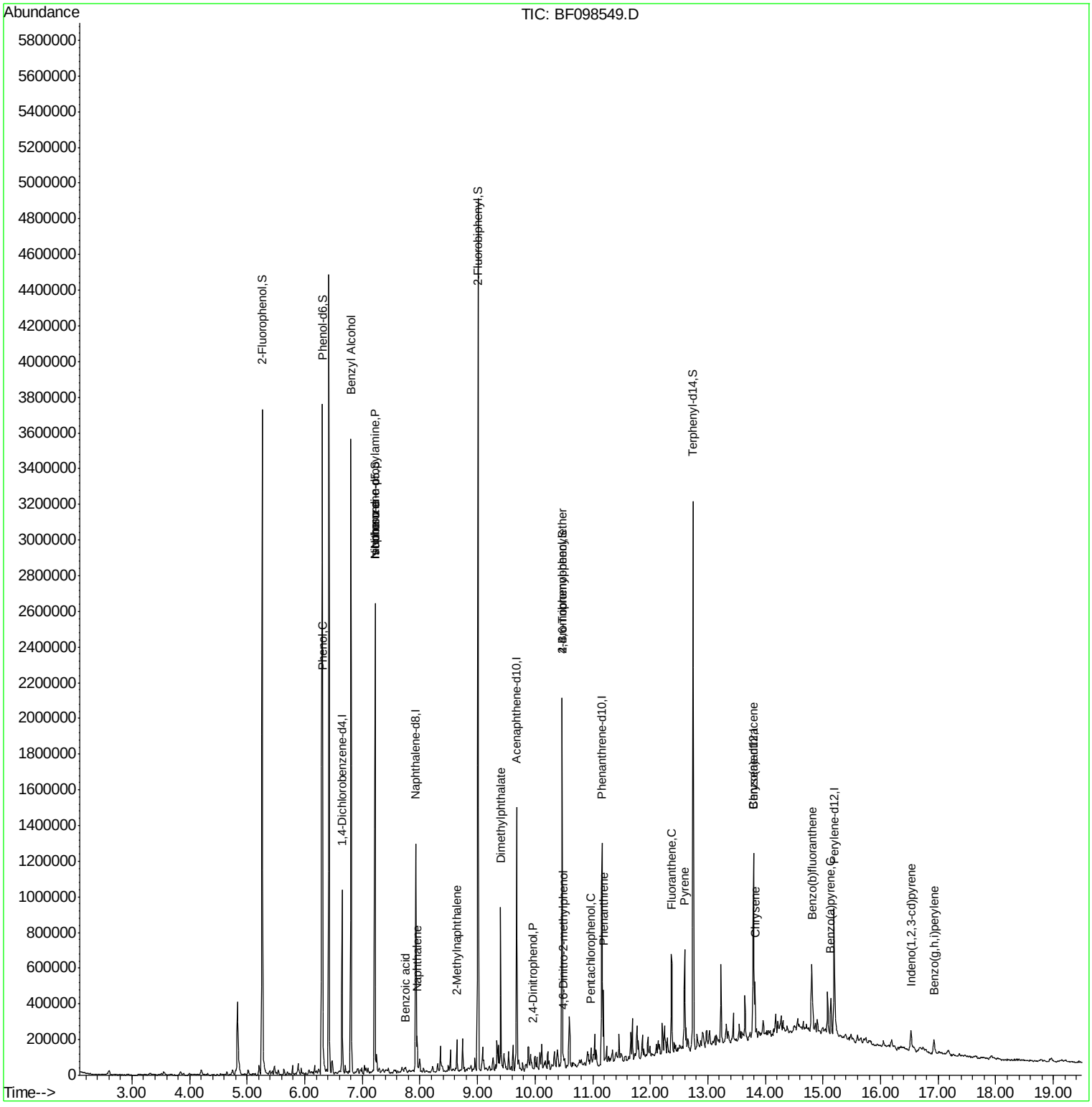
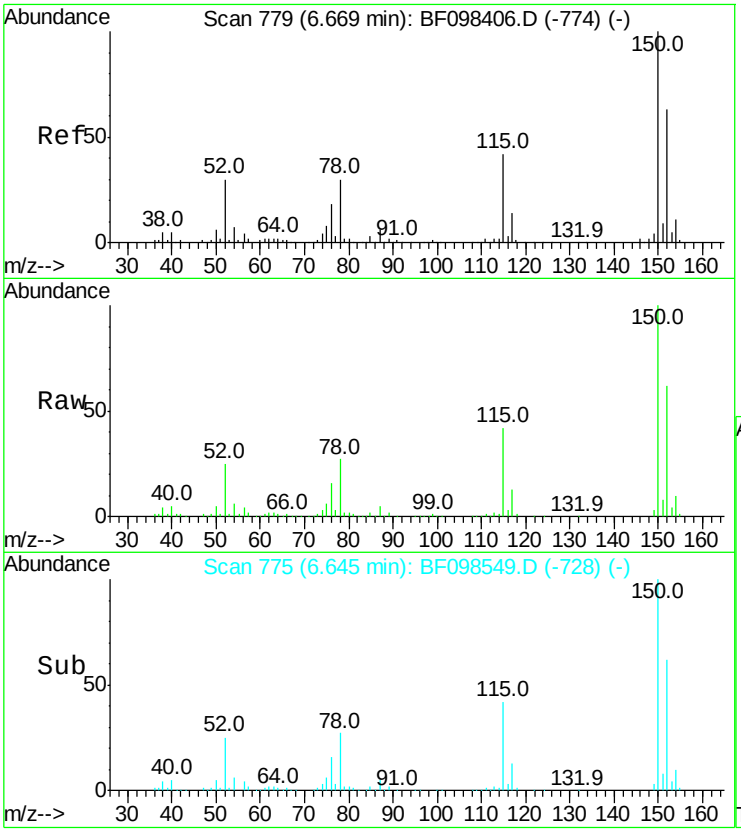


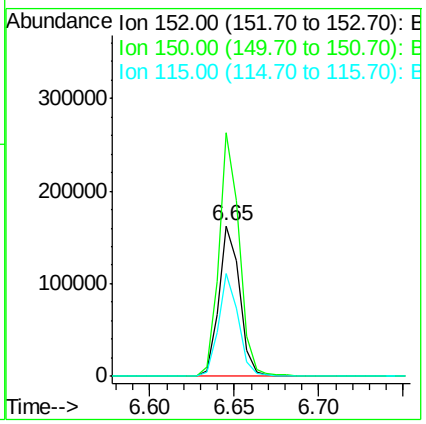


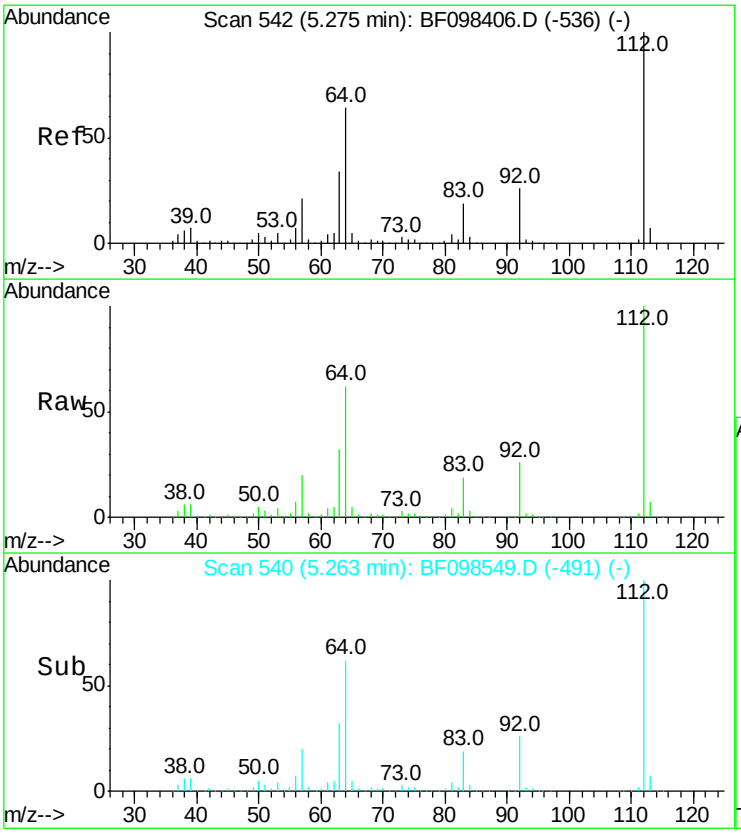
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:152 Resp: 140107

Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.2	189.2
115	68.5	52.2	78.2

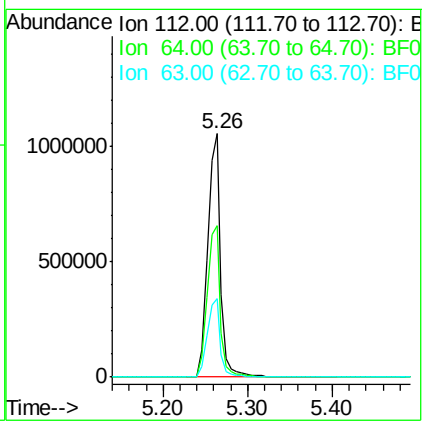


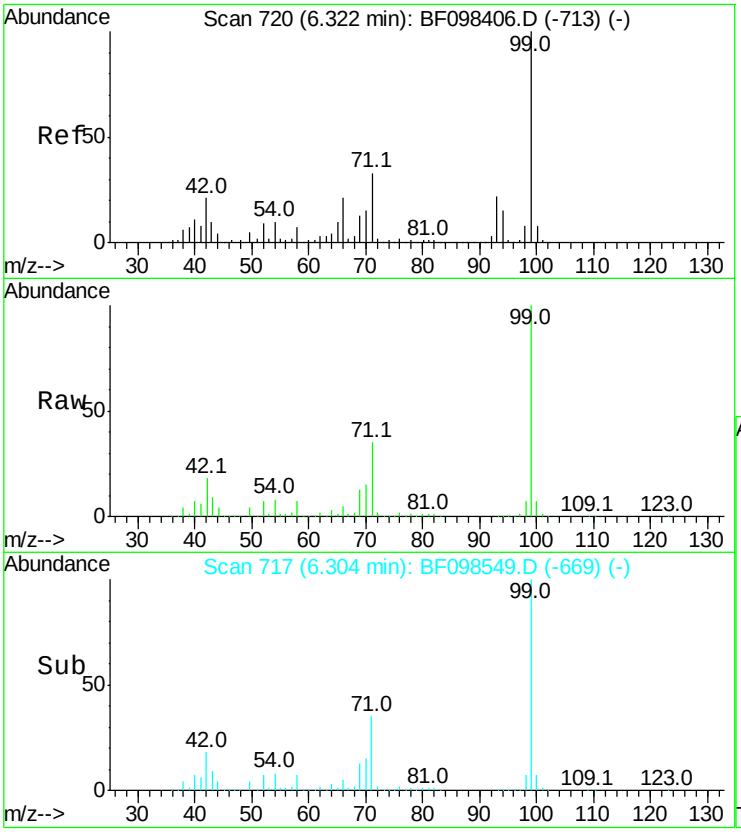


#5
2-Fluorophenol
Concen: 119.606 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:112 Resp: 1133404

Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.0	69.0
63	32.3	23.4	35.0



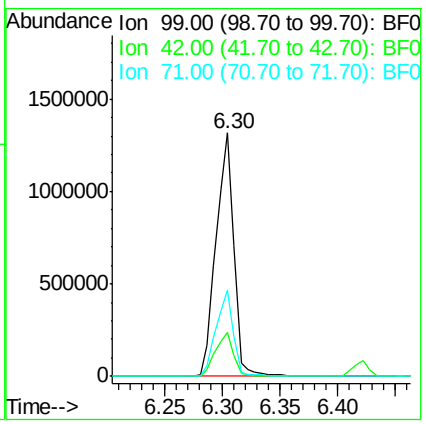


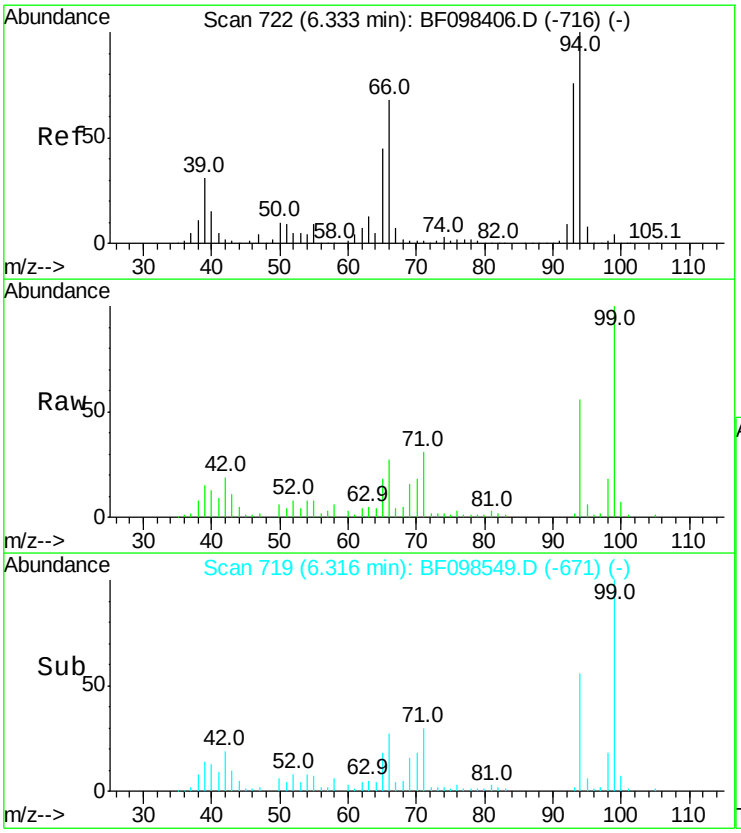
#7
Phenol-d6
Concen: 117.701 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion: 99 Resp: 1416118

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	35.2	24.5	36.7

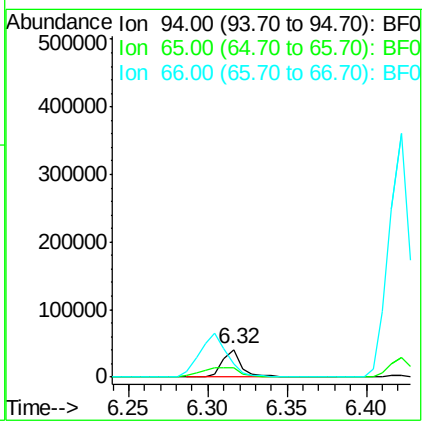


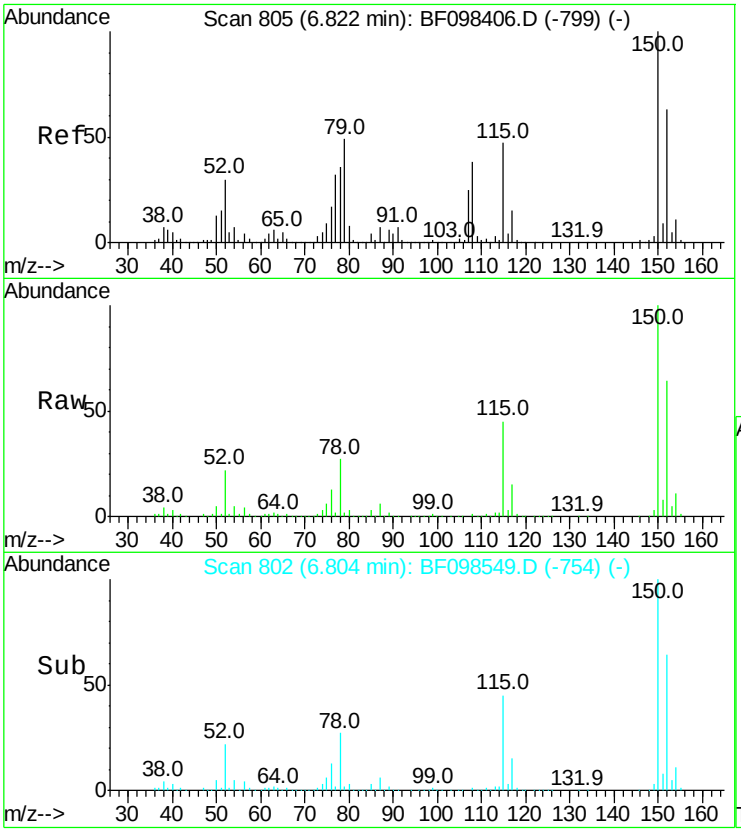


#10
Phenol
Concen: 2.453 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion: 94 Resp: 34283

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.9	49.9
66	48.7	23.1	63.1



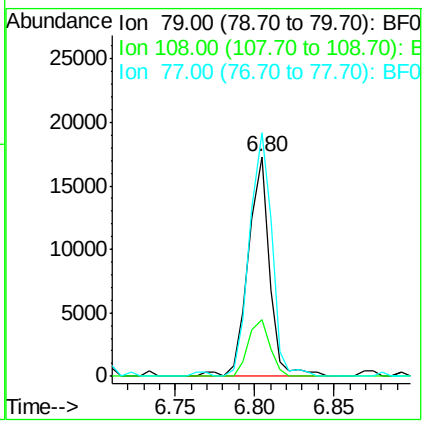


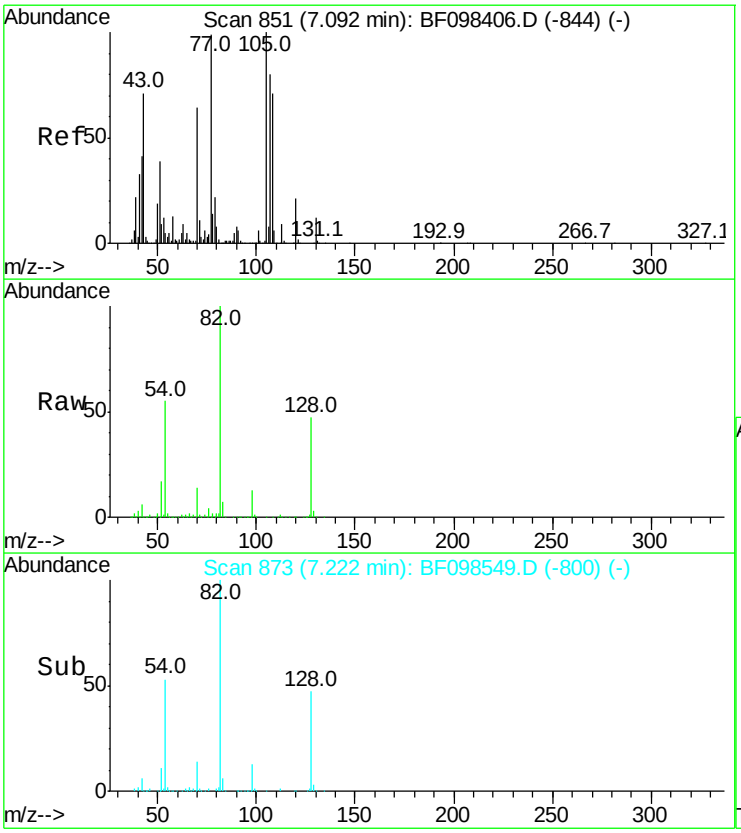
#15
Benzyl Alcohol
Concen: 2.026 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion: 79 Resp: 16223

Ion	Ratio	Lower	Upper
79	100		
108	25.9	63.4	95.0#
77	111.0	49.2	73.8#

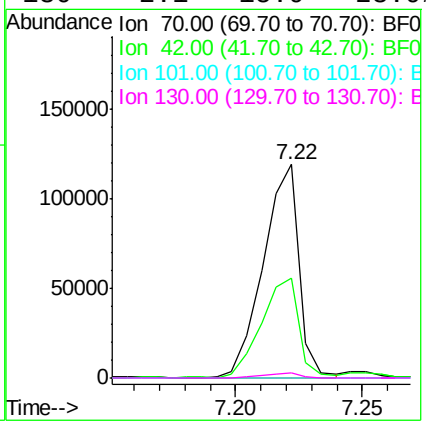


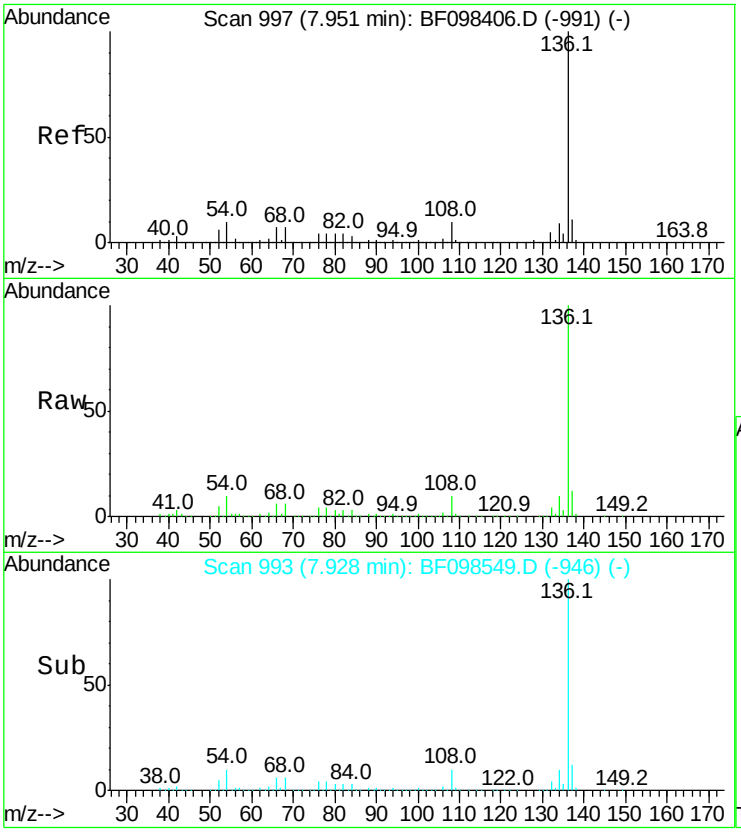


#19
n-Nitroso-di-n-propylamine
Concen: 15.499 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion: 70 Resp: 117293

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



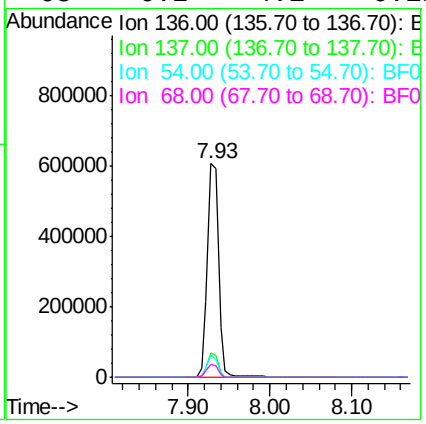


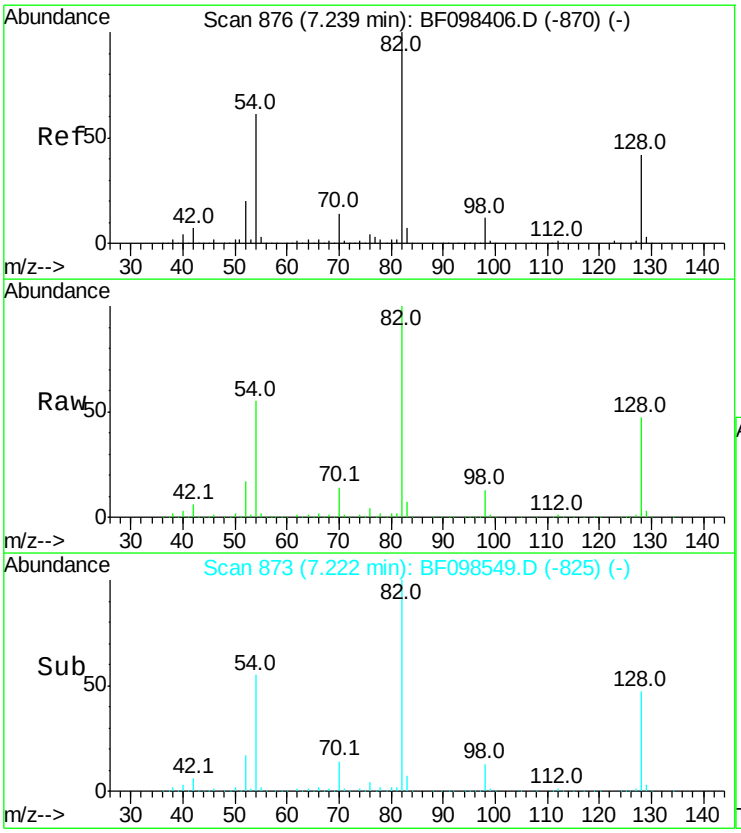
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:136 Resp: 580131

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	9.9	4.9	7.3#
68	6.2	4.1	6.1#

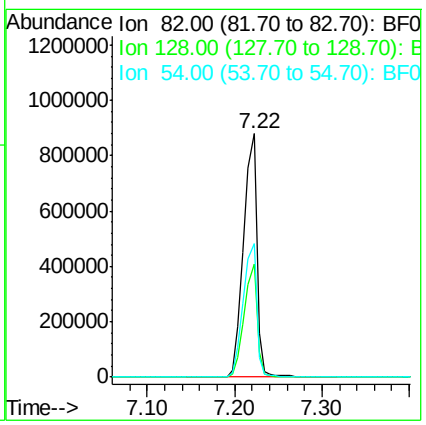


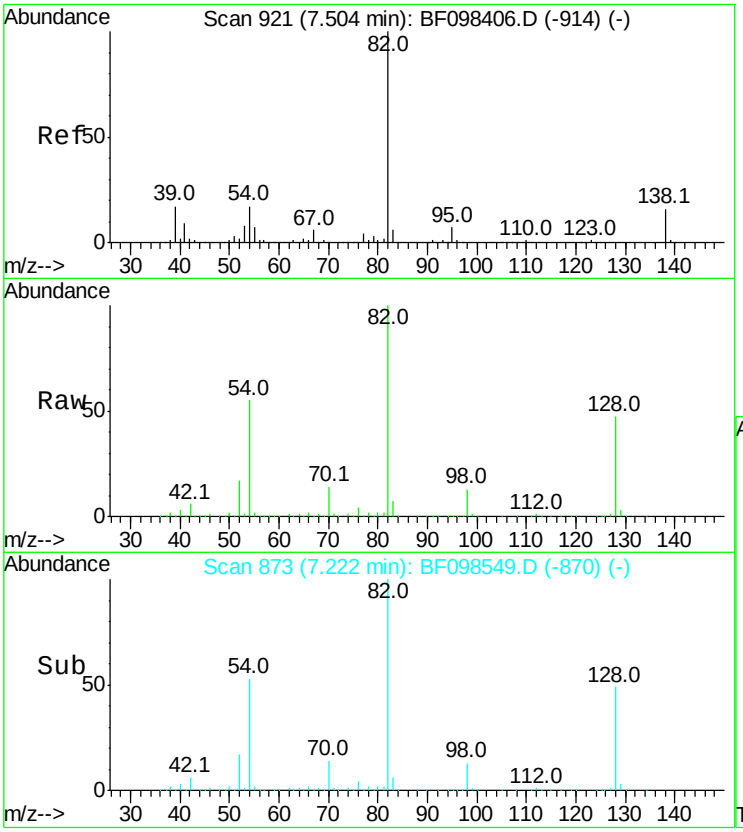


#23
Nitrobenzene-d5
Concen: 85.912 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion: 82 Resp: 894005

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	54.6	42.2	63.2



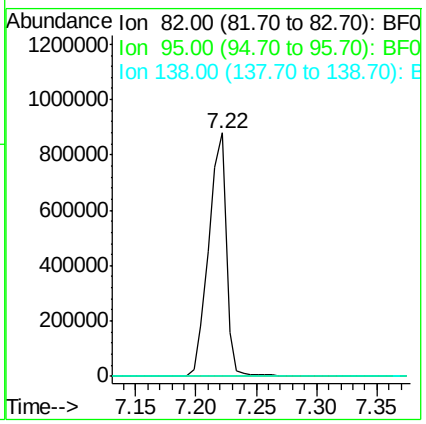


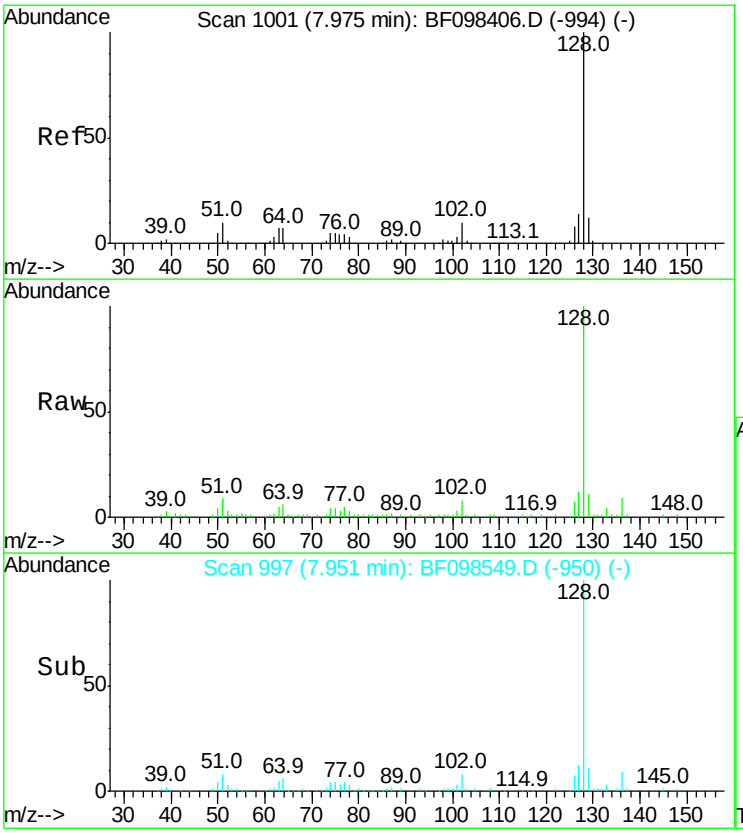
#25
Isophorone
Concen: 41.989 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion: 82 Resp: 884032

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

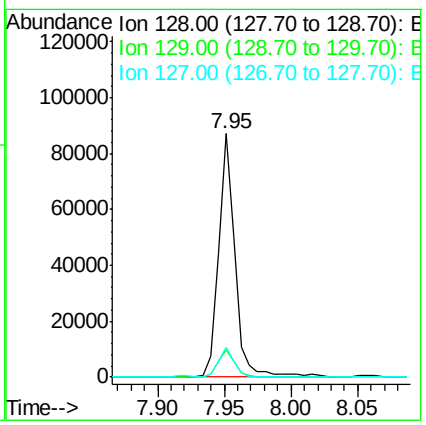


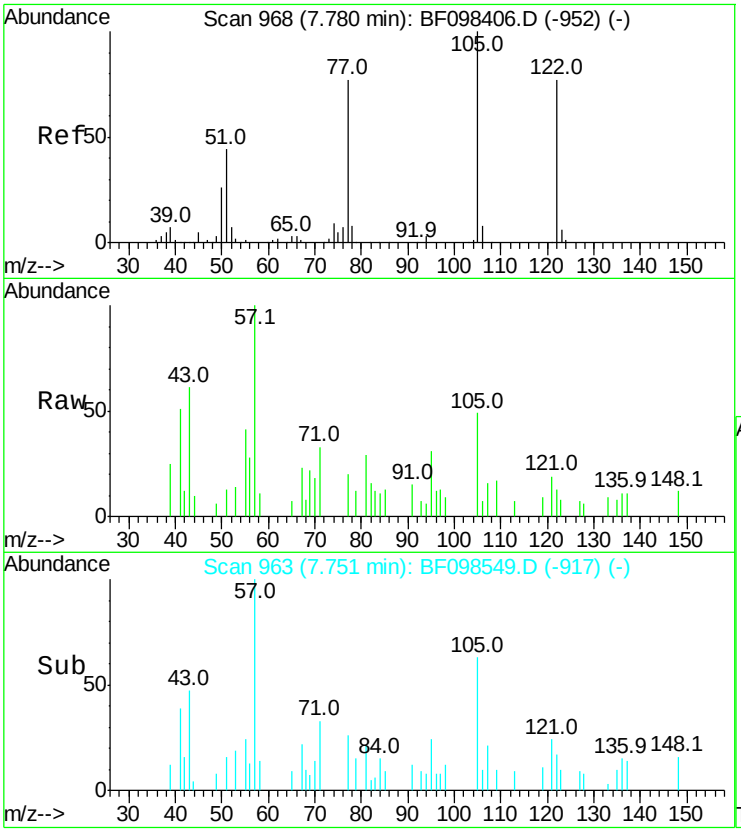


#31
Naphthalene
Concen: 2.642 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:128 Resp: 75757

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.1	10.8	16.2



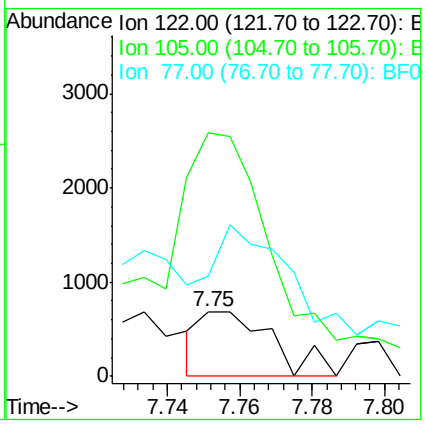


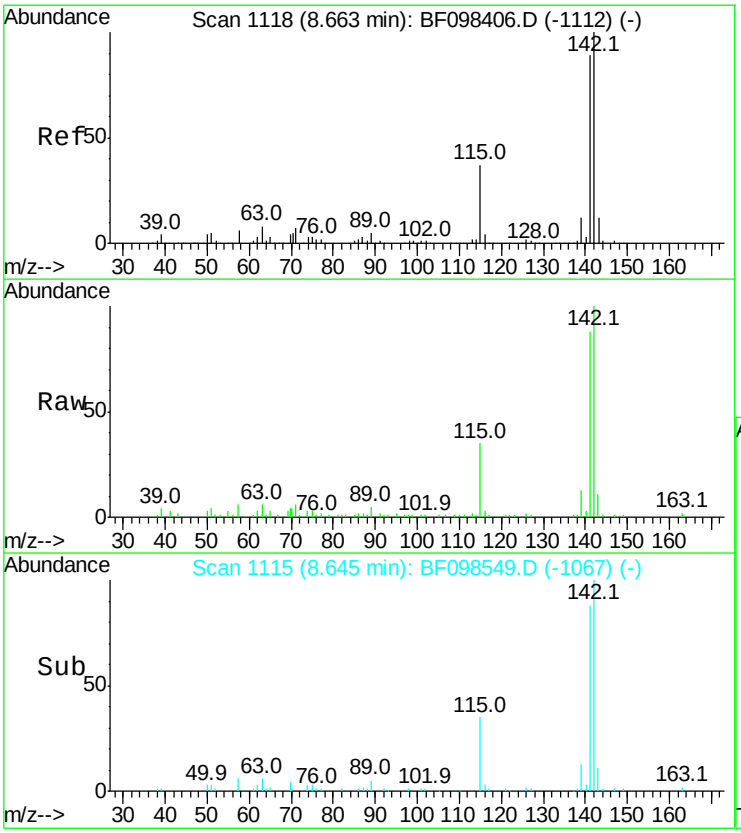
#32
Benzoic acid
Concen: 8.098 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:122 Resp: 946

Ion	Ratio	Lower	Upper
122	100		
105	375.0	103.3	143.3#
77	155.2	73.7	113.7#

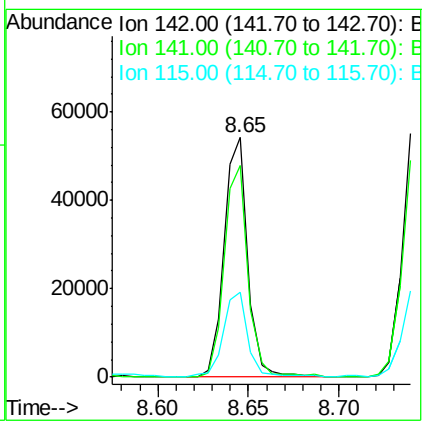


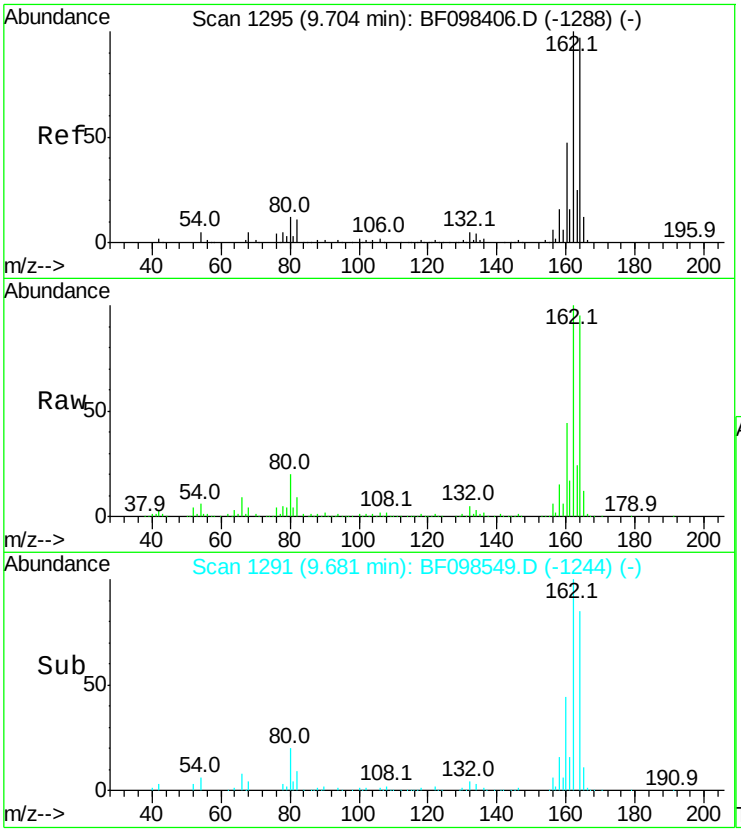


#37
2-Methylnaphthalene
Concen: 2.838 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:142 Resp: 49307

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	35.2	27.1	40.7



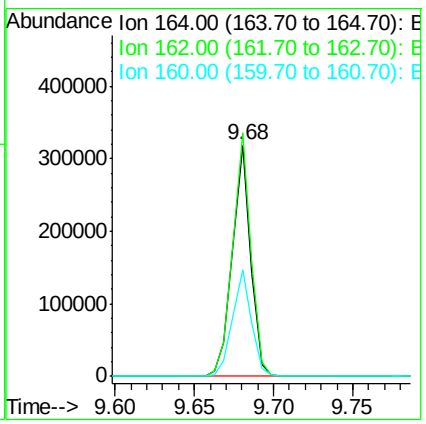


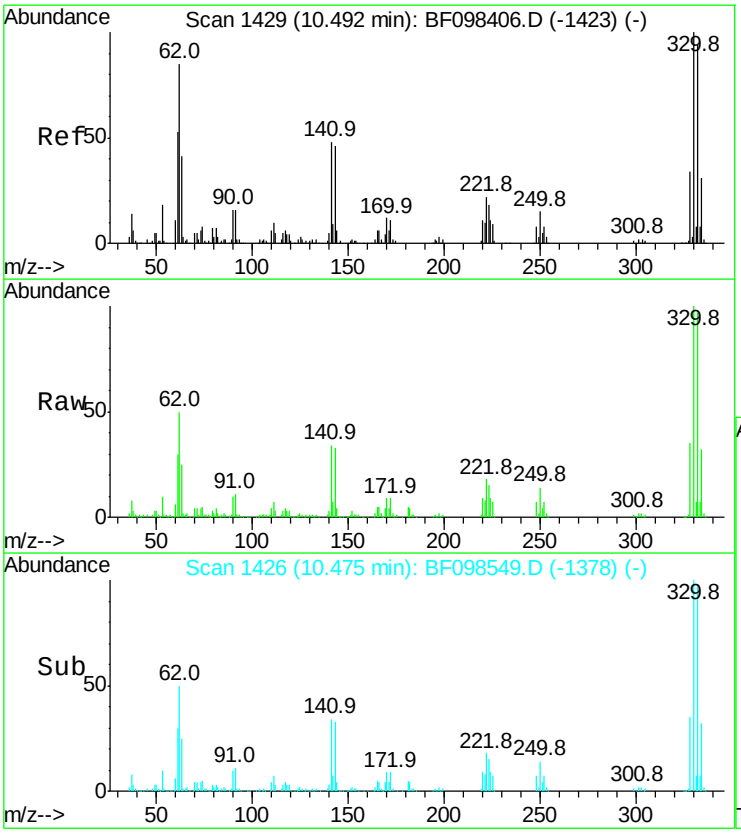
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:164 Resp: 256957

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	46.3	36.2	54.2

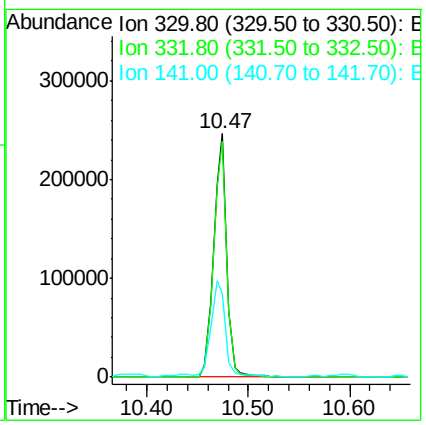


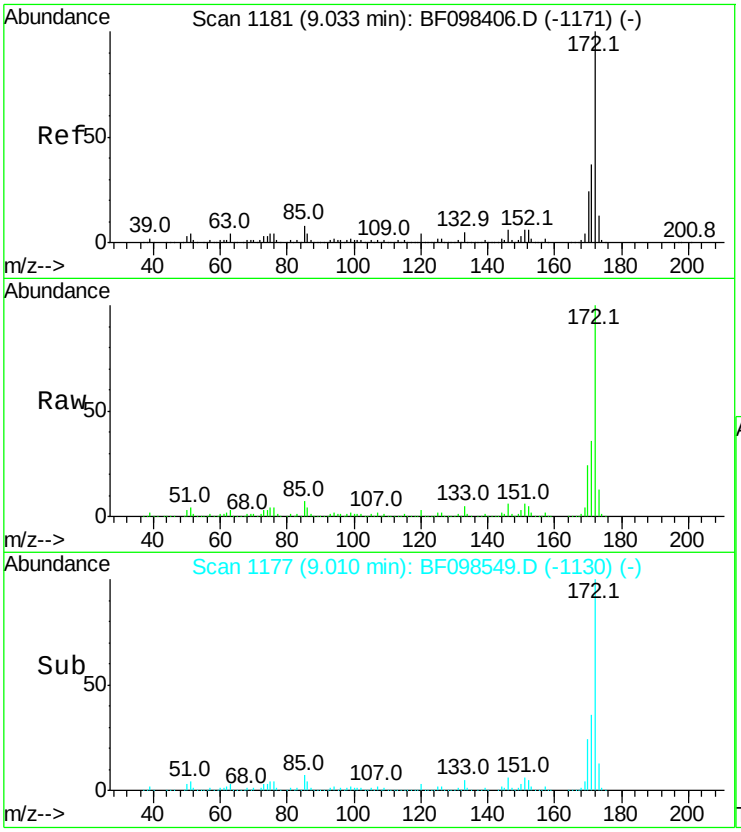


#41
2,4,6-Tribromophenol
Concen: 127.768 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:330 Resp: 219120

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	45.9	31.4	47.2



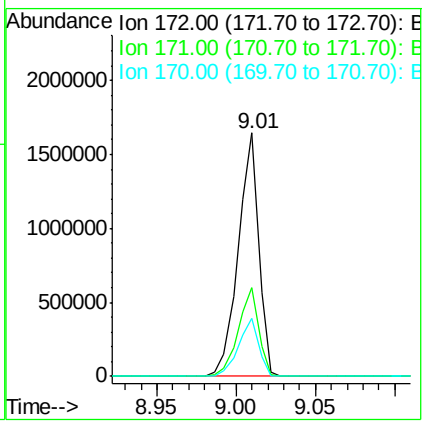


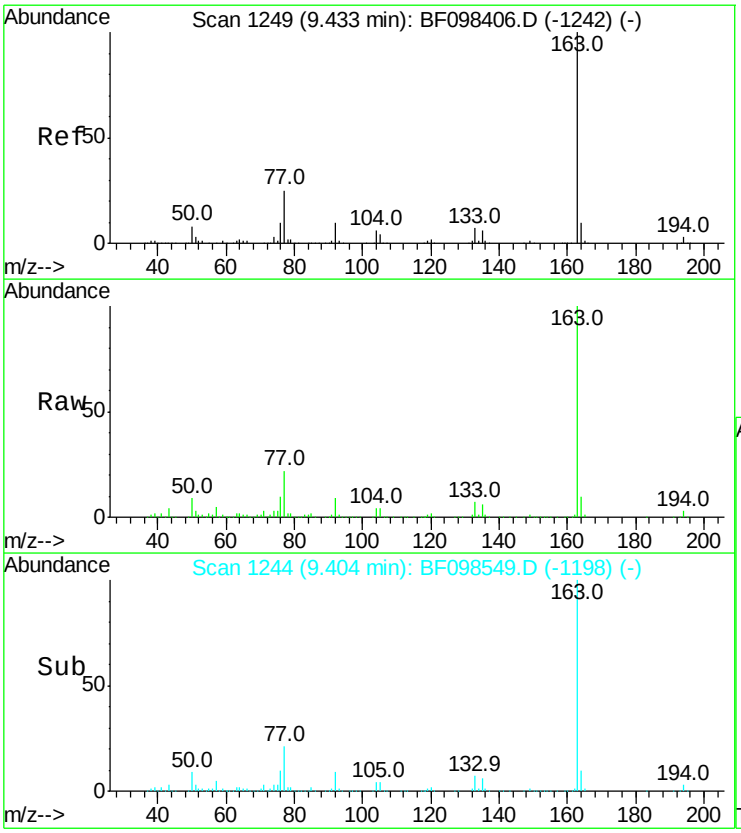
#44
2-Fluorobiphenyl
Concen: 96.939 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:172 Resp: 1469639

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	19.8	29.8

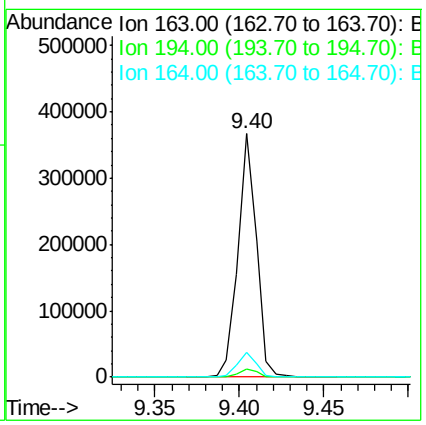


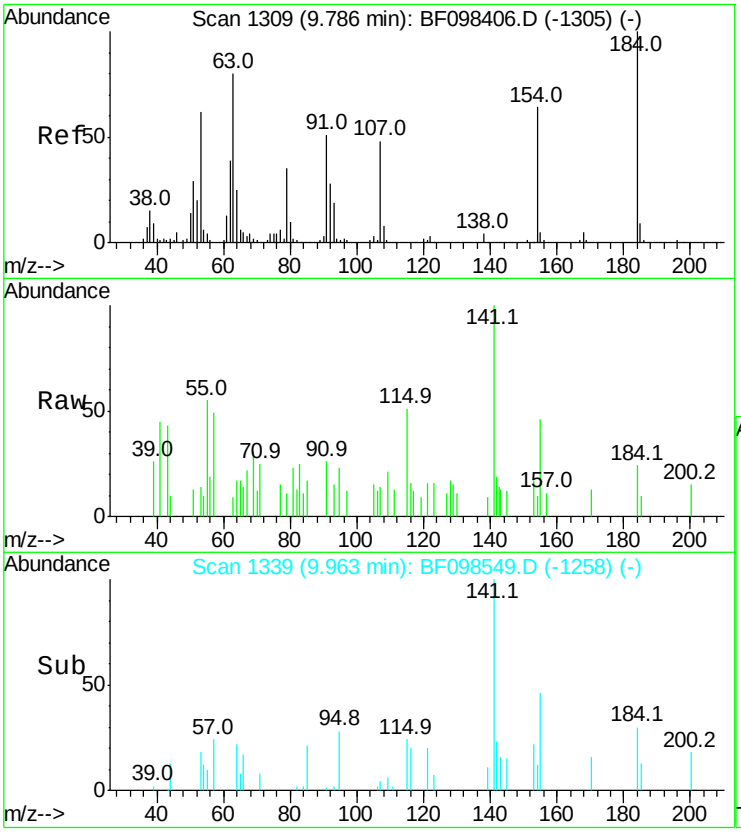


#49
Dimethylphthalate
Concen: 13.947 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:163 Resp: 277407

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6



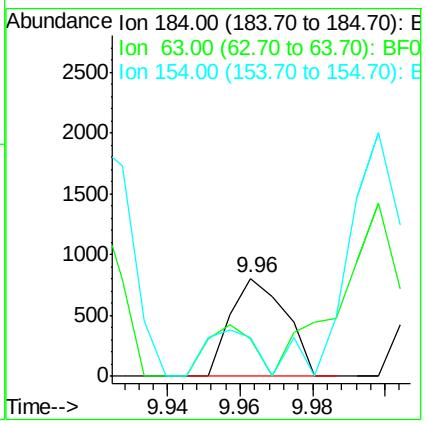


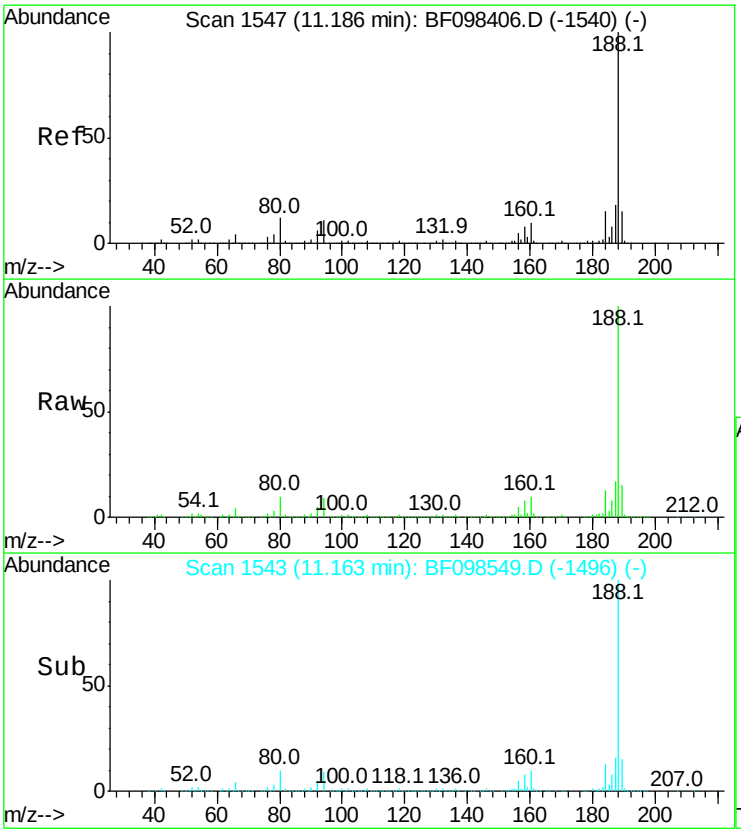
#53
2,4-Dinitrophenol
Concen: 8.917 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.18 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:184 Resp: 848

Ion	Ratio	Lower	Upper
184	100		
63	38.5	62.7	94.1#
154	39.9	81.1	121.7#

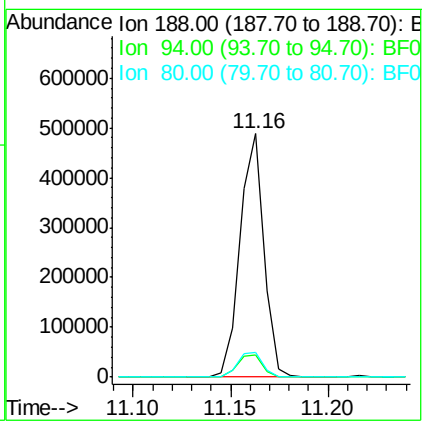


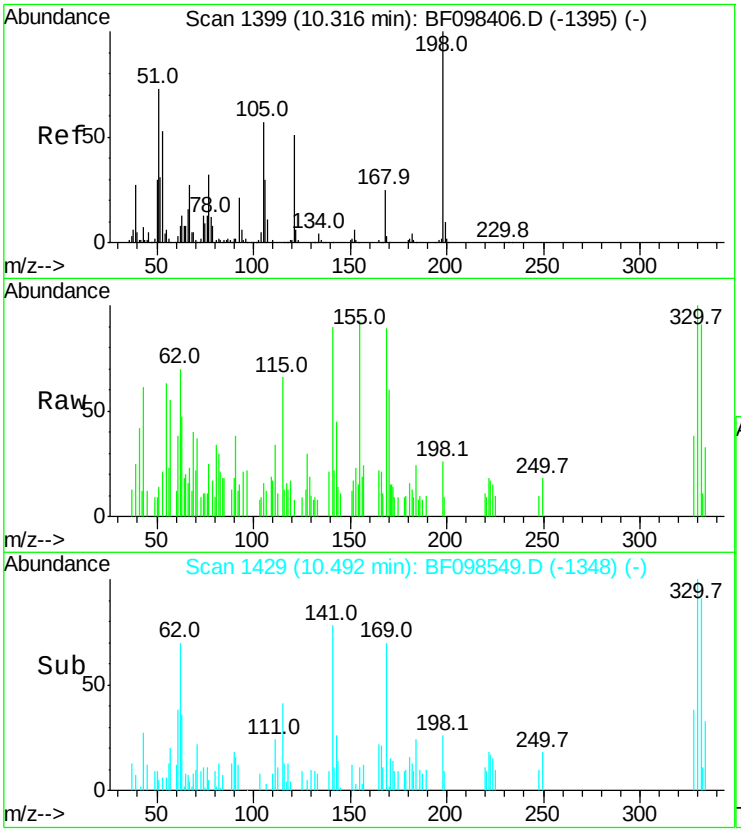


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:188 Resp: 413458

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.2	10.2	15.2



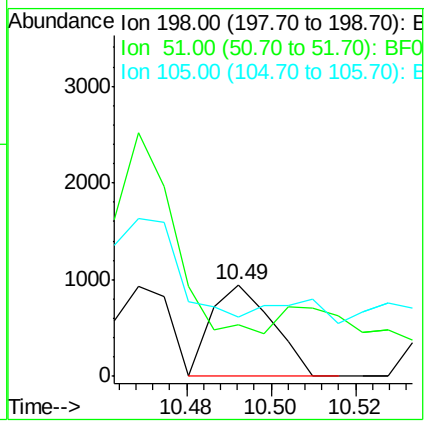


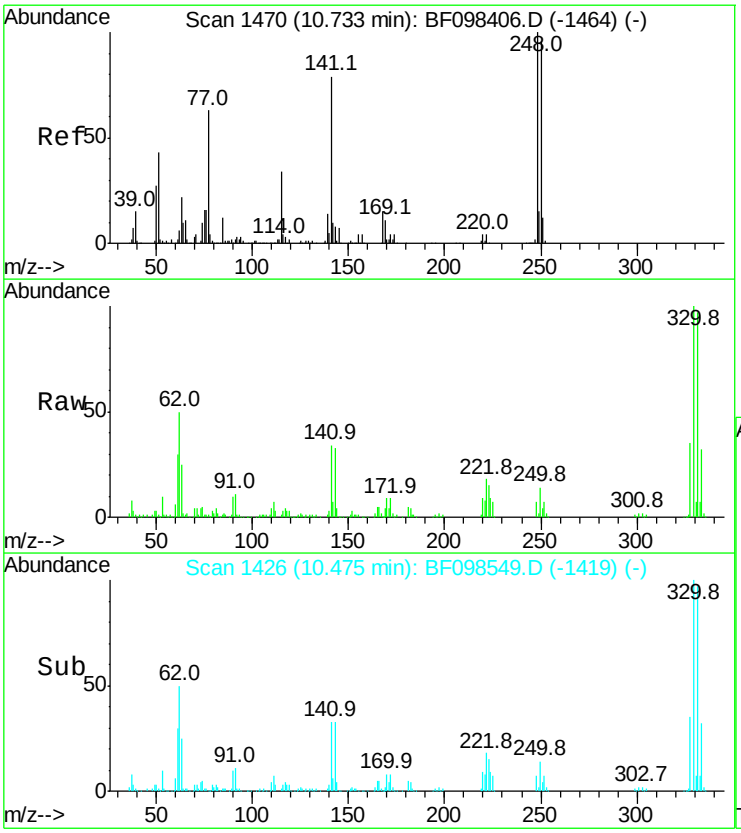
#64
4,6-Dinitro-2-methylphenol
Concen: 5.301 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.18 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:198 Resp: 952

Ion	Ratio	Lower	Upper
198	100		
51	56.0	53.2	93.2
105	64.3	45.8	85.8

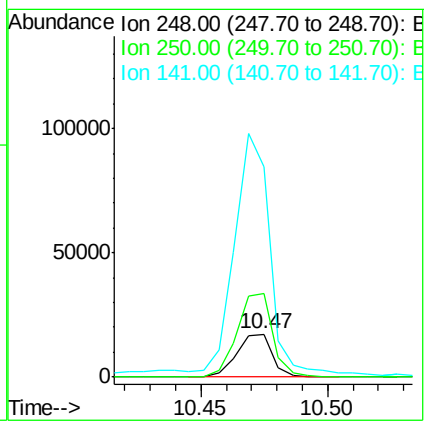


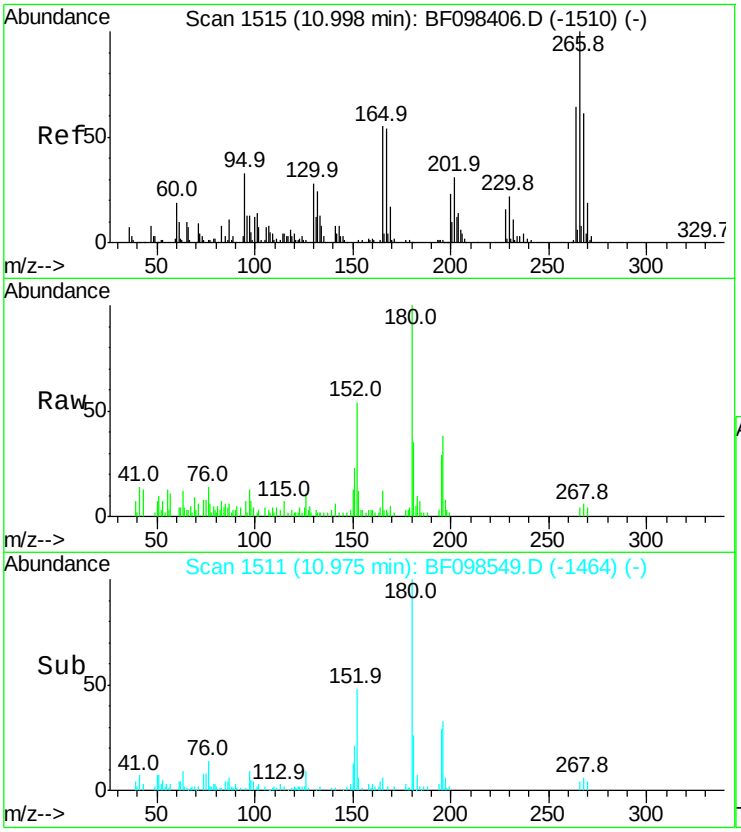


#66
4-Bromophenyl-phenylether
Concen: 4.314 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:248 Resp: 16927

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.8	115.2#
141	485.8	68.6	103.0#



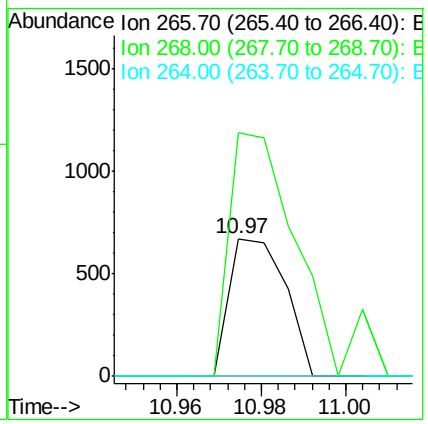


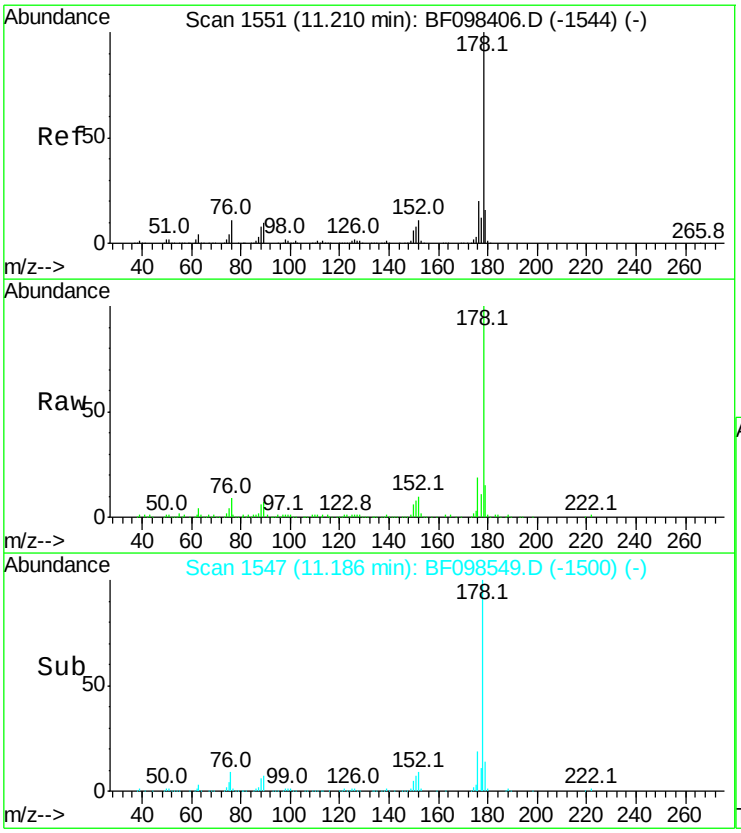
#69
Pentachlorophenol
Concen: 7.258 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:266 Resp: 617

Ion	Ratio	Lower	Upper
266	100		
268	177.0	51.1	76.7#
264	0.0	51.7	77.5#

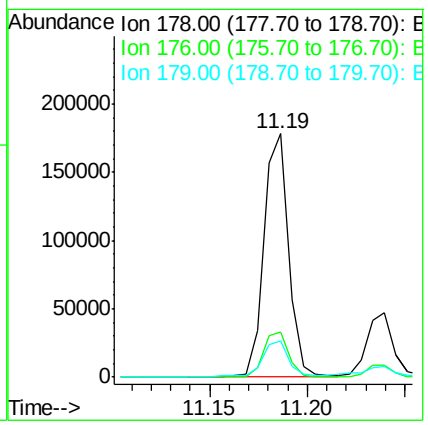


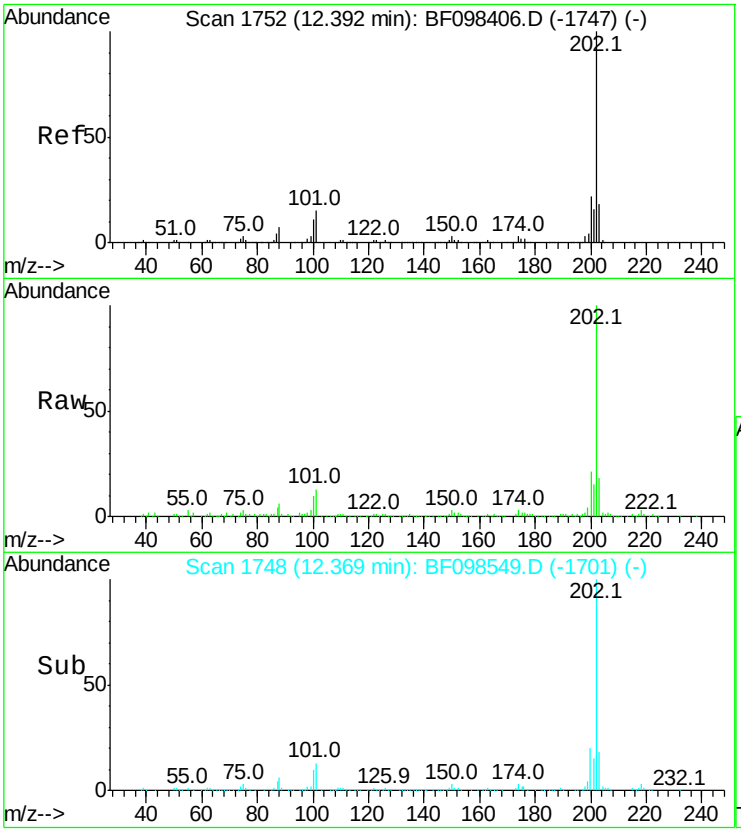


#70
Phenanthrene
Concen: 7.143 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:178 Resp: 156575

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.6	12.6	19.0



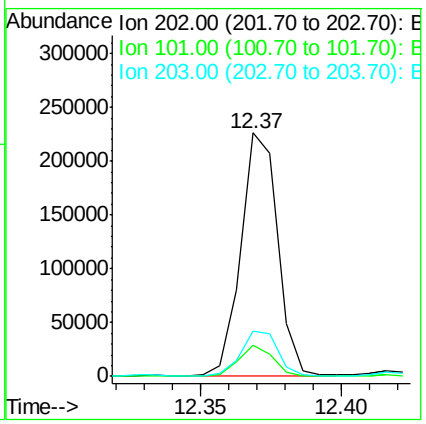


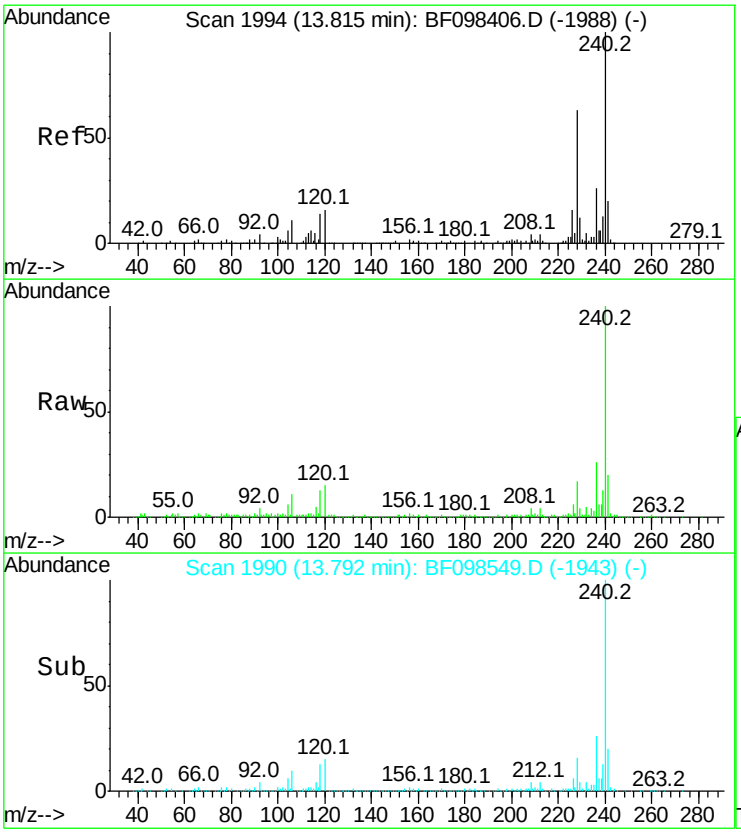
#74
Fluoranthene
Concen: 9.349 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:202 Resp: 205130

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	18.3	0.0	38.1

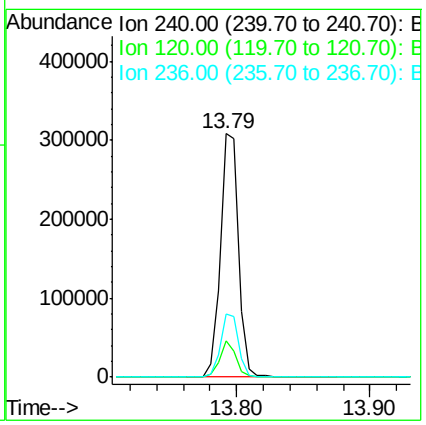


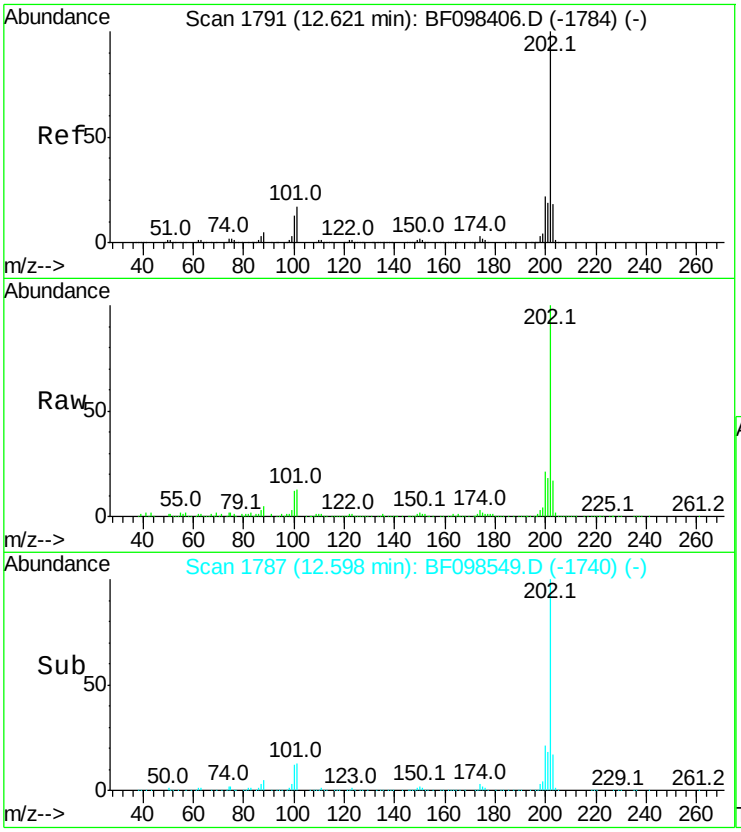


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:240 Resp: 295013

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.9	20.5	30.7



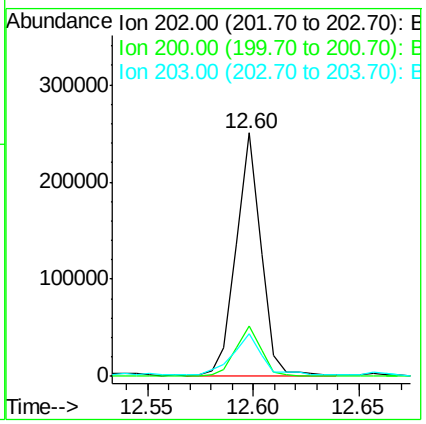


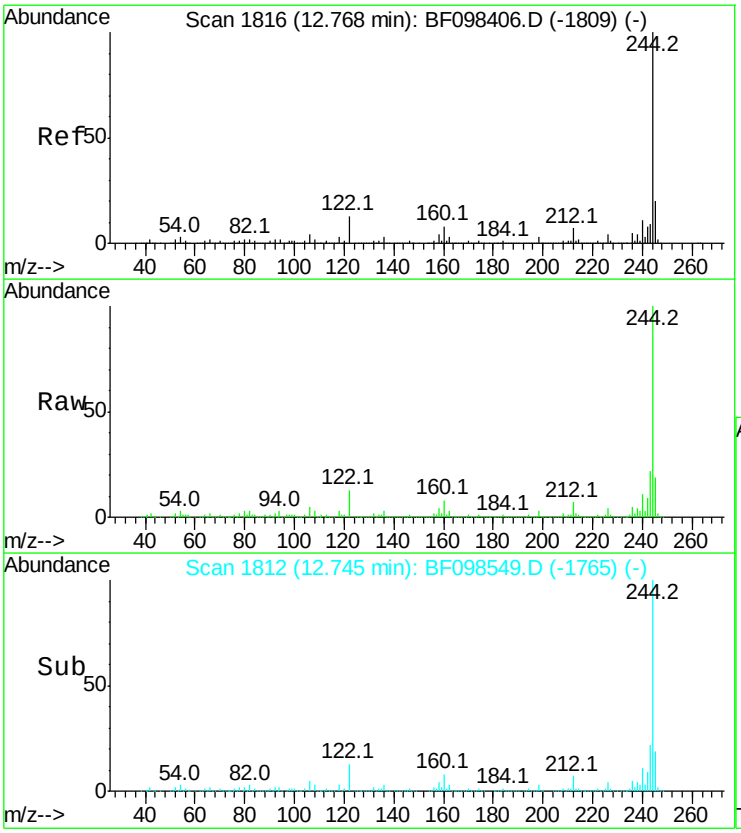
#77
Pyrene
Concen: 8.663 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:202 Resp: 201608

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.4	14.4	21.6

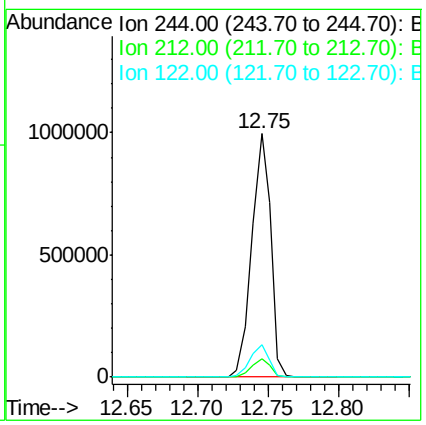


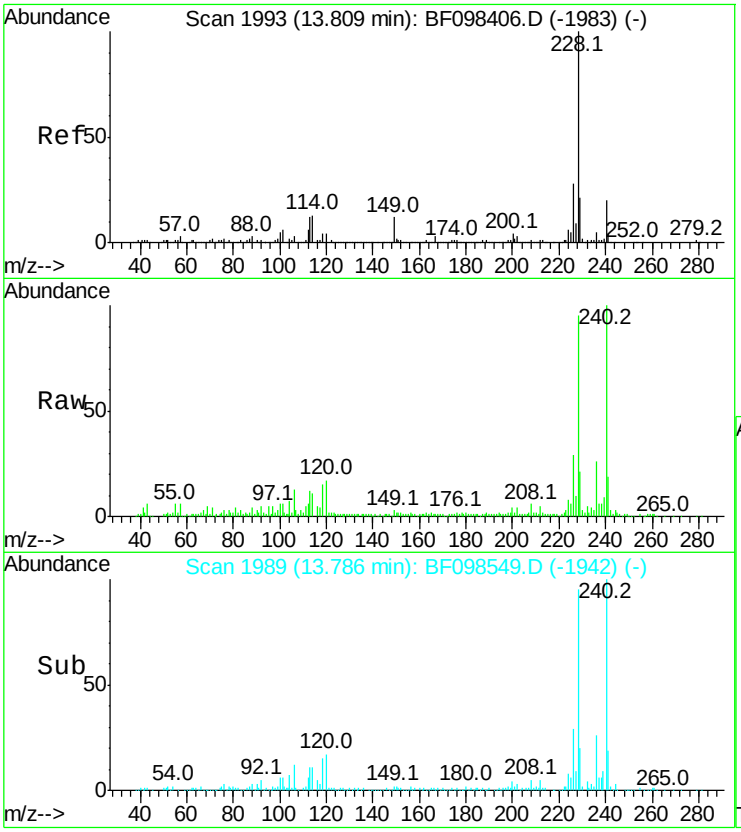


#78
Terphenyl-d14
Concen: 68.740 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:244 Resp: 939527

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.3	10.3	15.5



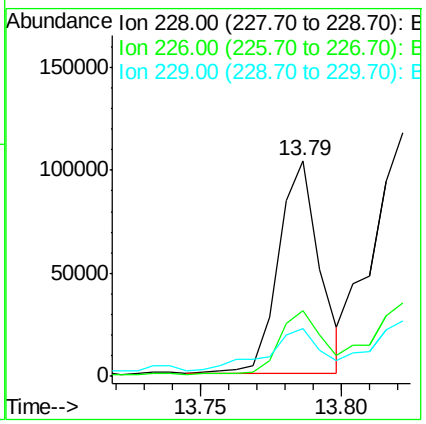


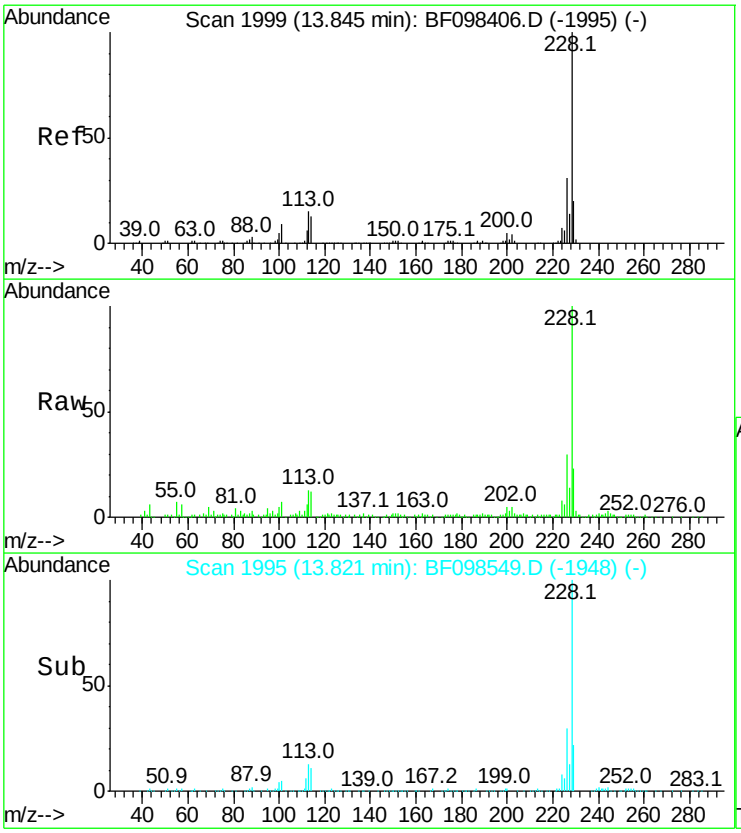
#80
Benzo(a)anthracene
Concen: 5.961 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:228 Resp: 103098

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	22.1	16.3	24.5

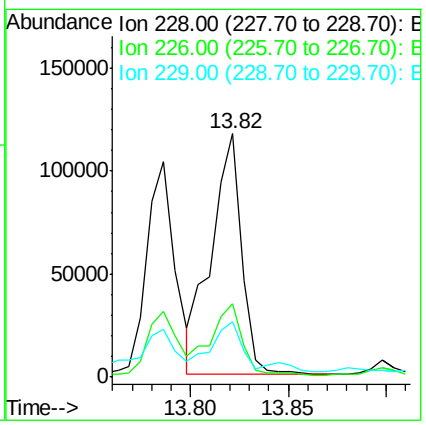


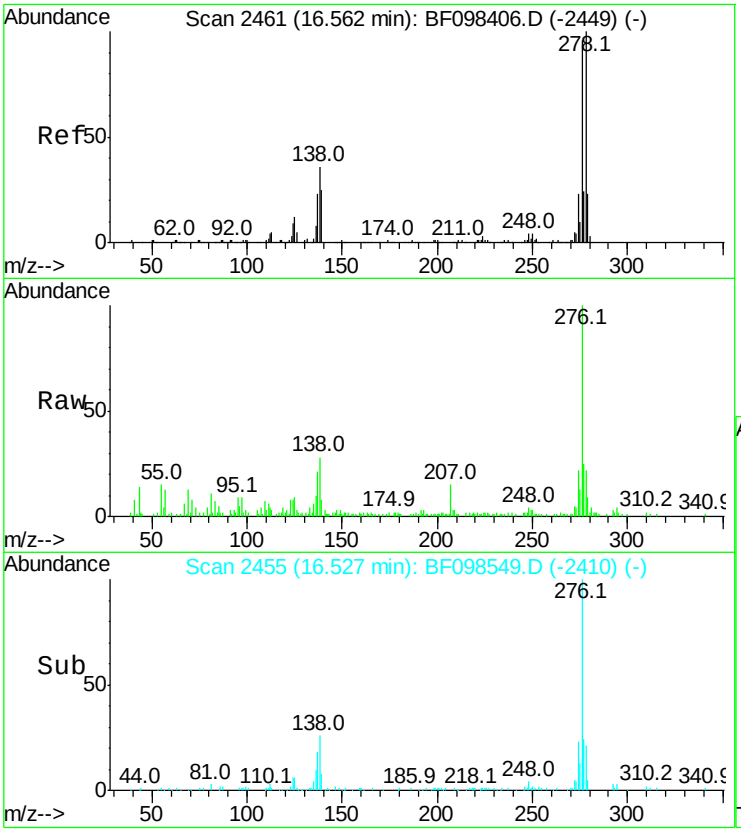


#82
Chrysene
Concen: 7.217 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:228 Resp: 126172

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	23.0	15.8	23.6



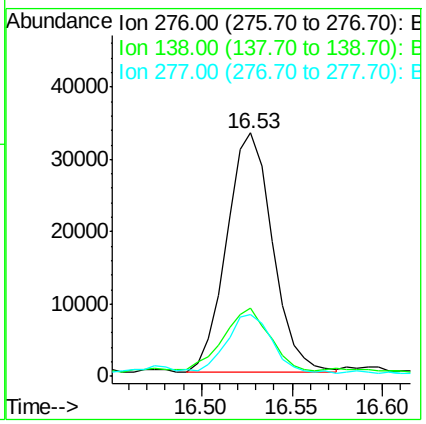


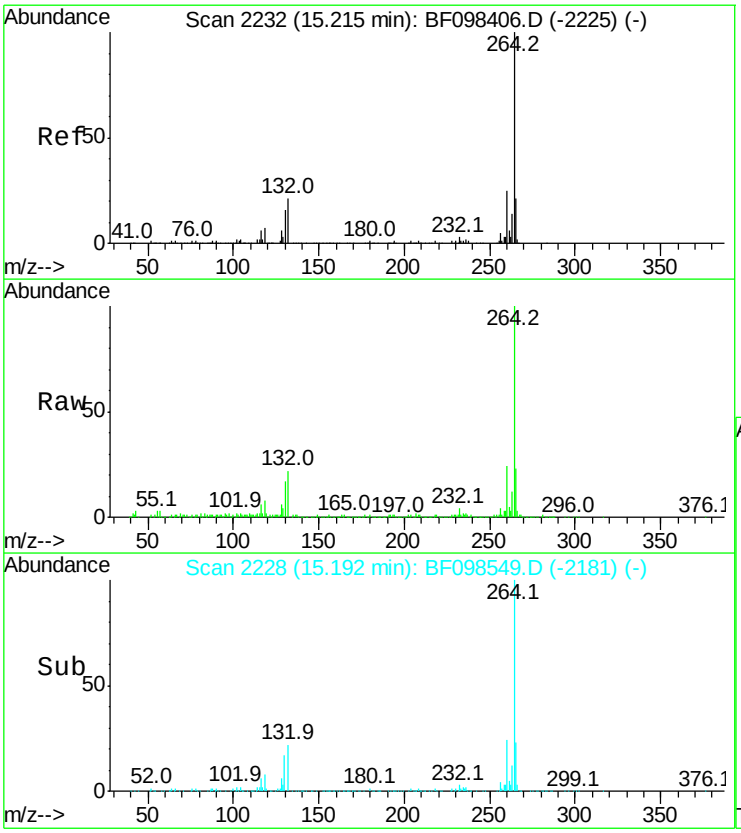
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.738 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:276 Resp: 58113

Ion	Ratio	Lower	Upper
276	100		
138	27.6	27.8	41.6#
277	23.9	20.2	30.4

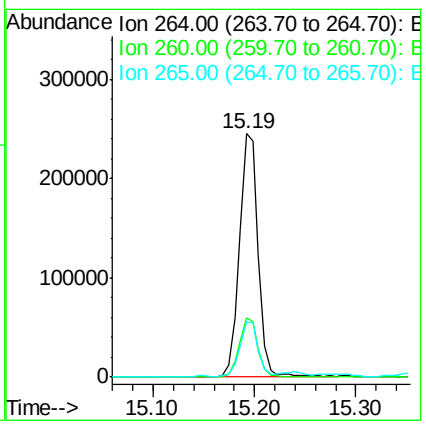


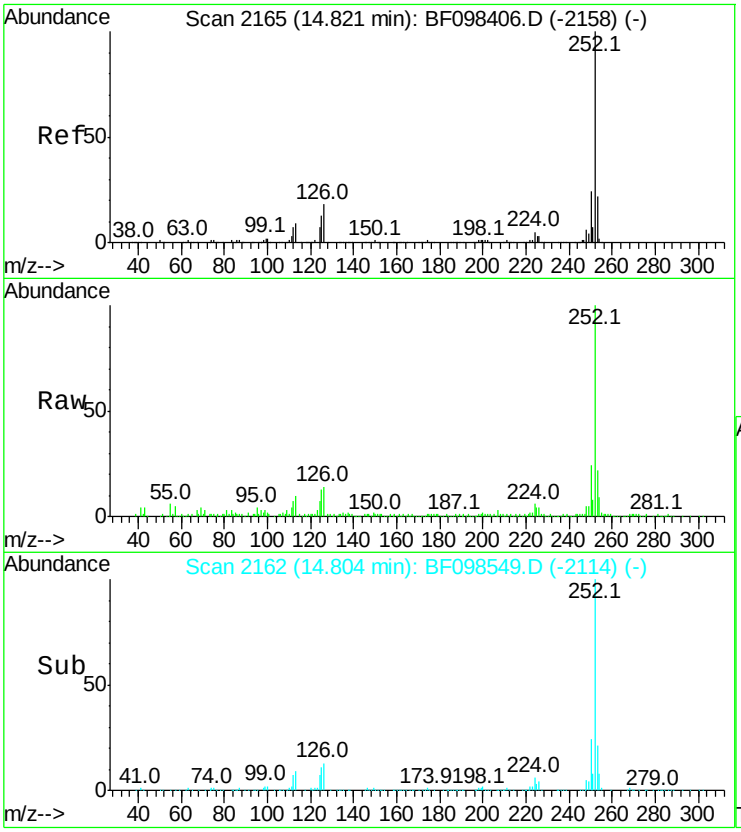


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:264 Resp: 312901

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.7	17.2	25.8



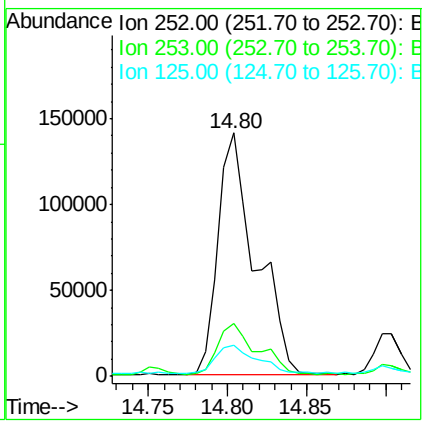


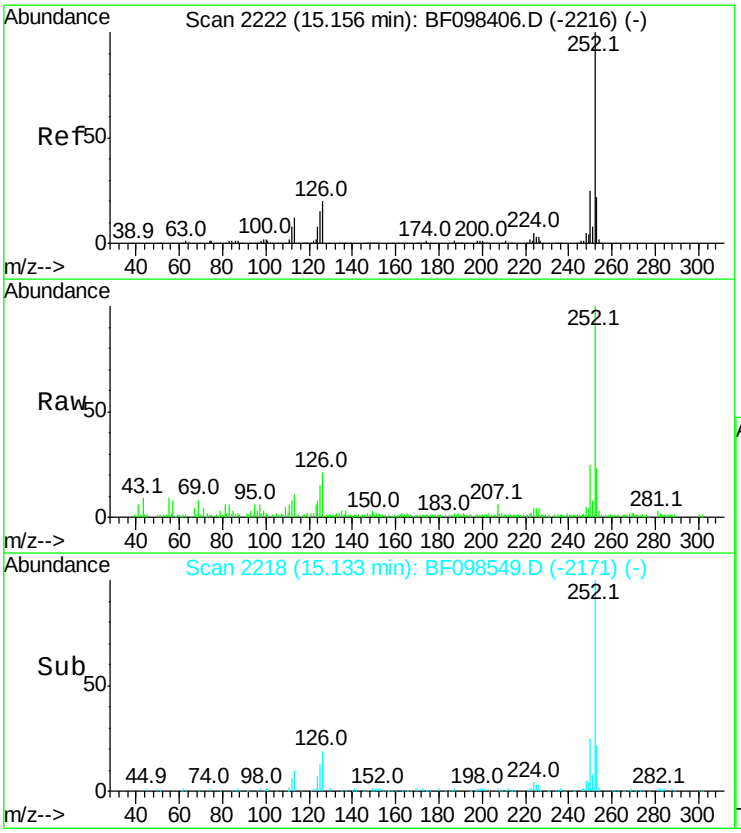
#87
Benzo(b)fluoranthene
Concen: 11.953 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:252 Resp: 235171

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.8	9.8	14.8

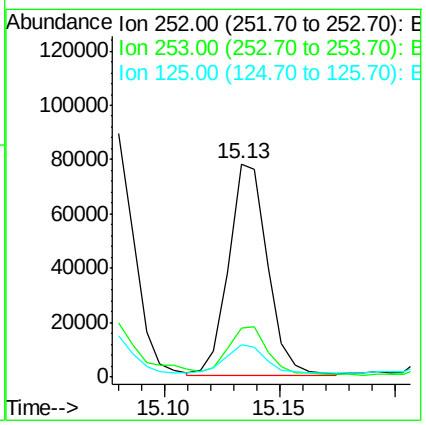


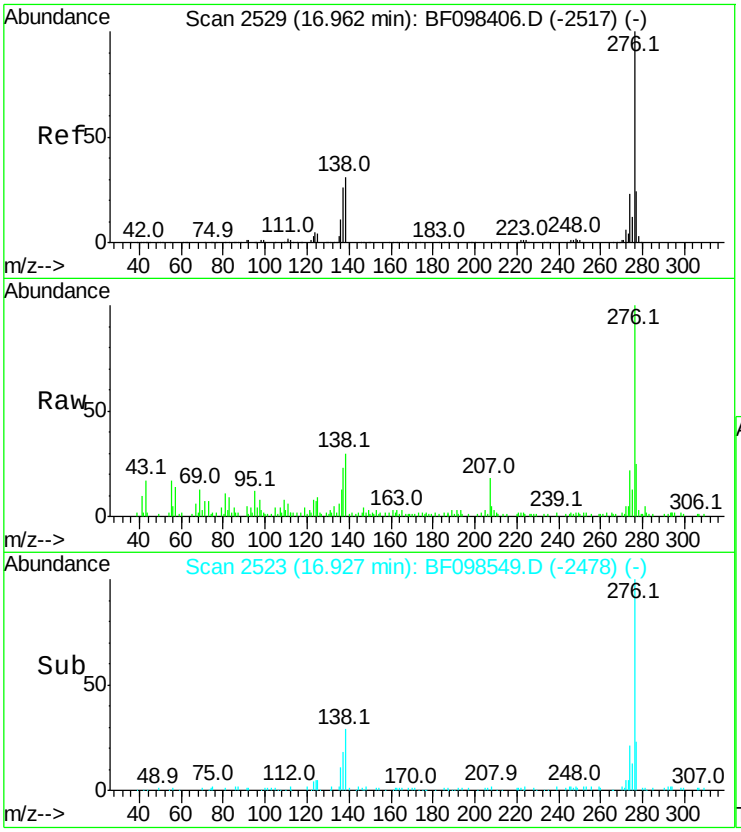


#89
Benzo(a)pyrene
Concen: 5.218 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Tgt Ion:252 Resp: 91456

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	15.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.989 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.04 min
Lab File: BF098549.D
Acq: 15 Sep 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G-8A-2

Tgt Ion:276 Resp: 51156

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	30.5	25.4	38.0