Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098529.D
Acq On : 14 Sep 2017 15:12
Operator : SJ/JU
Sample : I5159-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-2

Quant Time: Sep 14 17:58:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 17:58:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	138961	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	572363	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	253968	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	402462	20.00	ng		0.00
75) Chrysene-d12	13.79	240	256072	20.00	ng		-0.01
86) Perylene-d12	15.19	264	295021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	996096	105.98	ng		0.00
7) Phenol-d6	6.30	99	1258118	105.43	ng		0.00
23) Nitrobenzene-d5	7.22	82	782103	76.18	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	196977	116.21	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1234033	82.36	ng		0.00
78) Terphenyl-d14	12.75	244	702378	59.20	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	22369	2.868	ng		82
10) Phenol	6.31	94	35510	2.562	ng		79
19) n-Nitroso-di-n-propylamine	7.22	70	105221	14.018	ng	#	78
25) Isophorone	7.22	82	773398	37.232	ng	#	67
31) Naphthalene	7.95	128	103010	3.641	ng		99
32) Benzoic acid	7.76	122	1109	8.123	ng	#	1
37) 2-Methylnaphthalene	8.64	142	73007	4.260	ng		97
49) Dimethylphthalate	9.40	163	188175	9.572	ng		98
53) 2,4-Dinitrophenol	9.96	184	722	8.863	ng	#	27
54) Dibenzofuran	9.89	168	40657	2.011	ng	#	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	965	5.315	ng		96
66) 4-Bromophenyl-phenylether	10.47	248	14844	3.886	ng	#	1
69) Pentachlorophenol	10.98	266	107	6.996	ng	#	29
70) Phenanthrene	11.18	178	138311	6.483	ng		97
74) Fluoranthene	12.37	202	140438	6.575	ng		99
77) Pyrene	12.60	202	115044	5.695	ng		98
80) Benzo(a)anthracene	13.78	228	72019	4.797	ng		93
82) Chrysene	13.82	228	85445	5.630	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.52	276	50022	4.698	ng		94
87) Benzo(b)fluoranthene	14.80	252	174393	9.401	ng		98
88) Benzo(k)fluoranthene	15.07	252	65676	3.792	ng		99
89) Benzo(a)pyrene	15.13	252	60146	3.639	ng		99
91) Benzo(g,h,i)perylene	16.92	276	45339	3.750	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 : BF098529.D
Acq On : 14 Sep 2017 15:12
Operator : SJ/JU
Sample : I5159-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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Quant Time: Sep 14 17:58:08 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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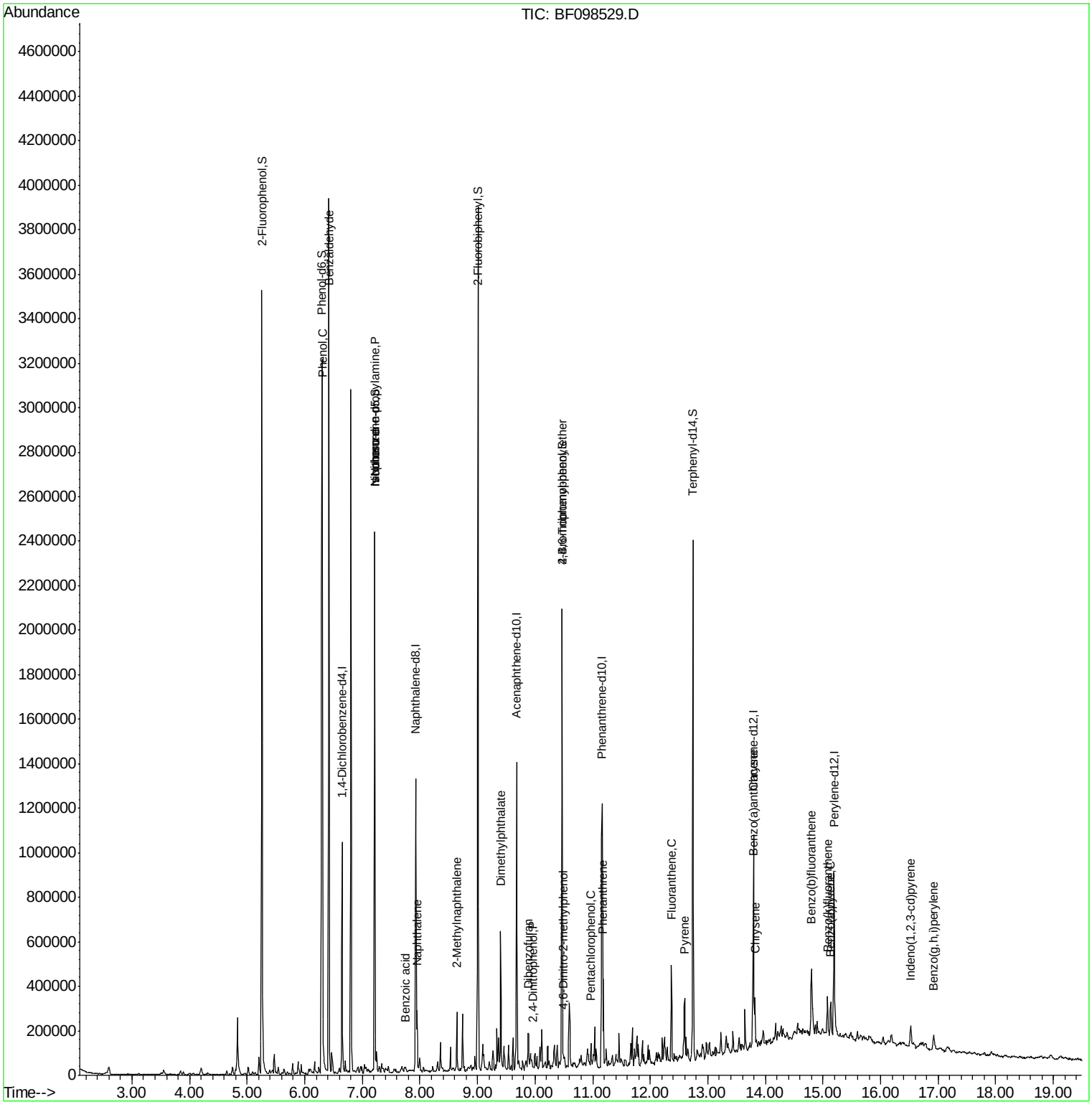
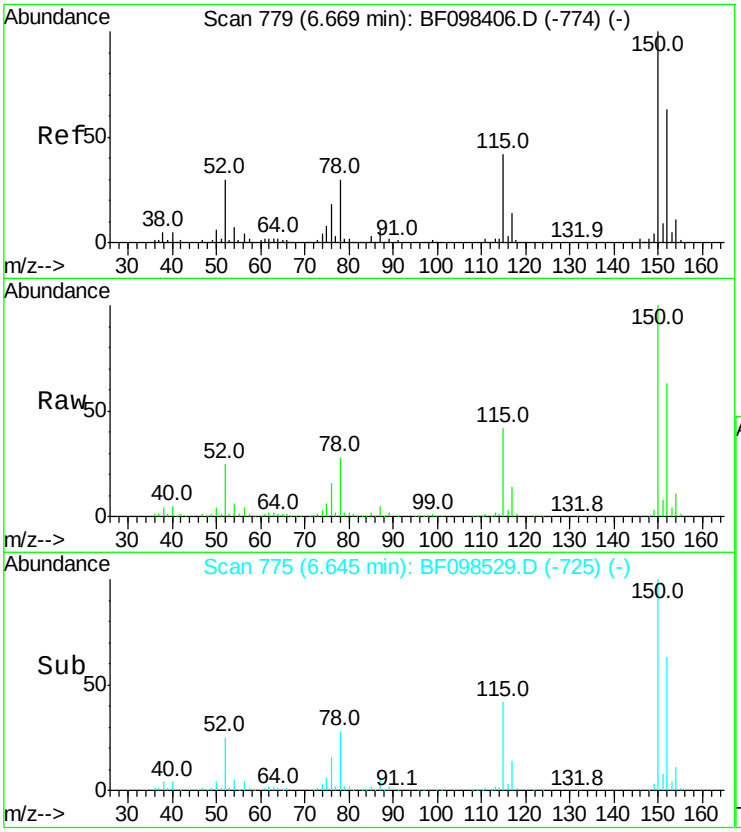


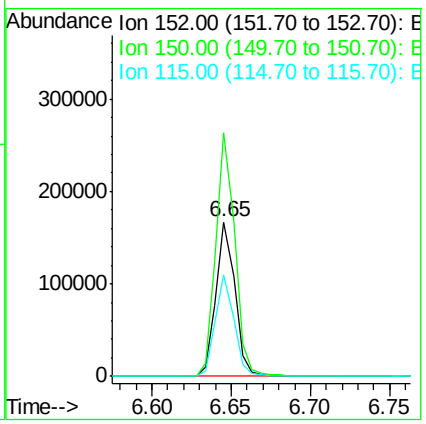


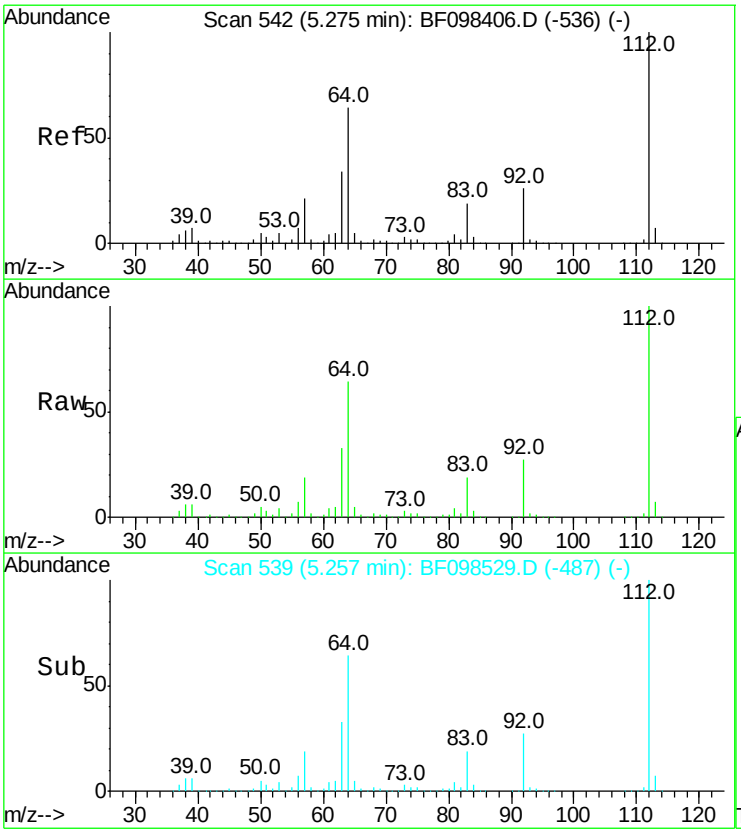
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:152 Resp: 138961

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	65.8	52.2	78.2

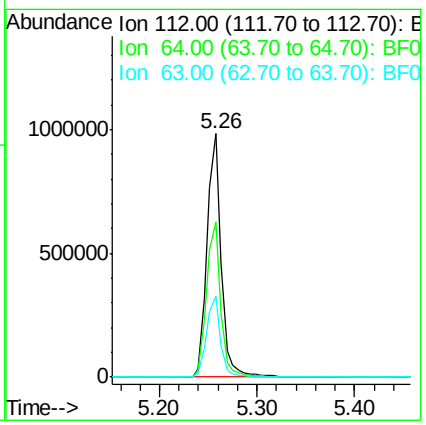


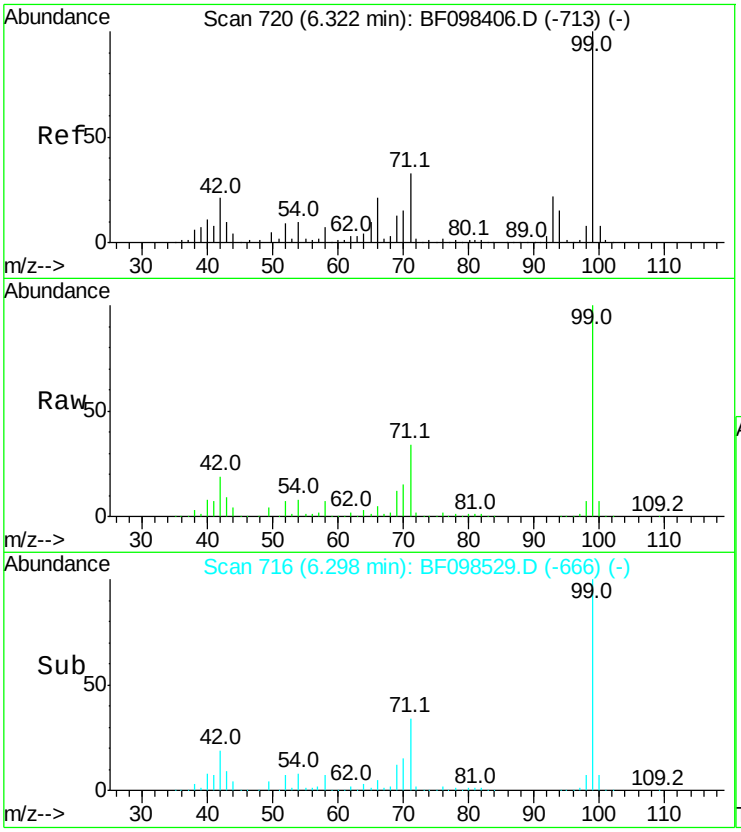


#5
2-Fluorophenol
Concen: 105.983 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:112 Resp: 996096

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	33.4	23.4	35.0



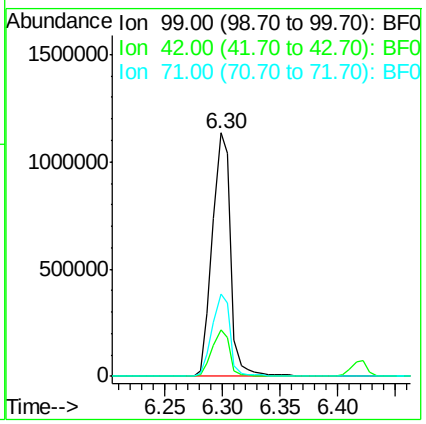


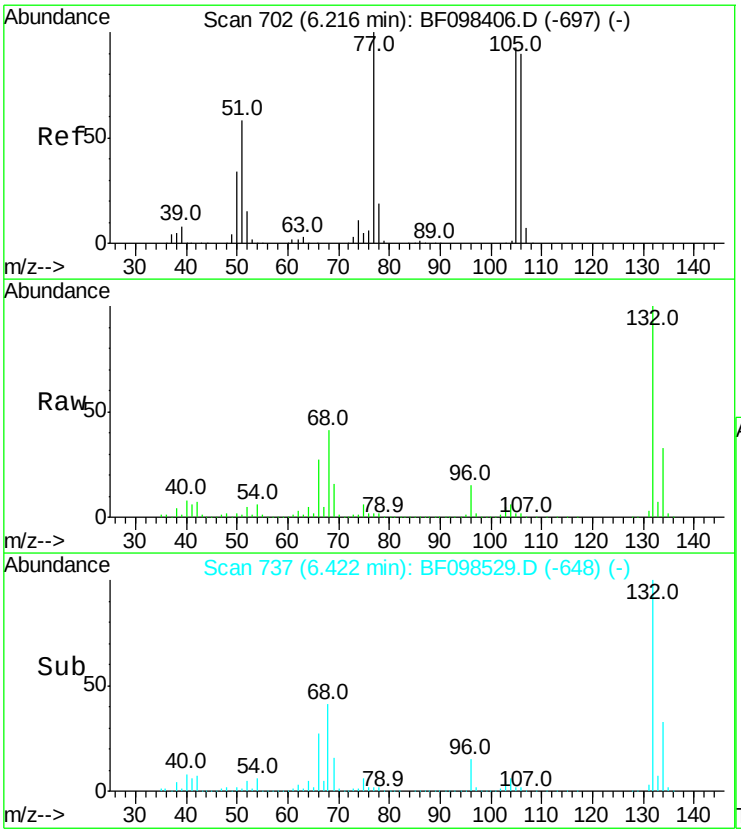
#7
Phenol-d6
Concen: 105.431 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion: 99 Resp: 1258118

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.5	20.3
71	34.0	24.5	36.7

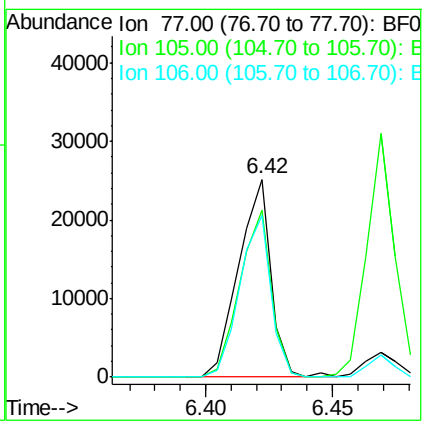


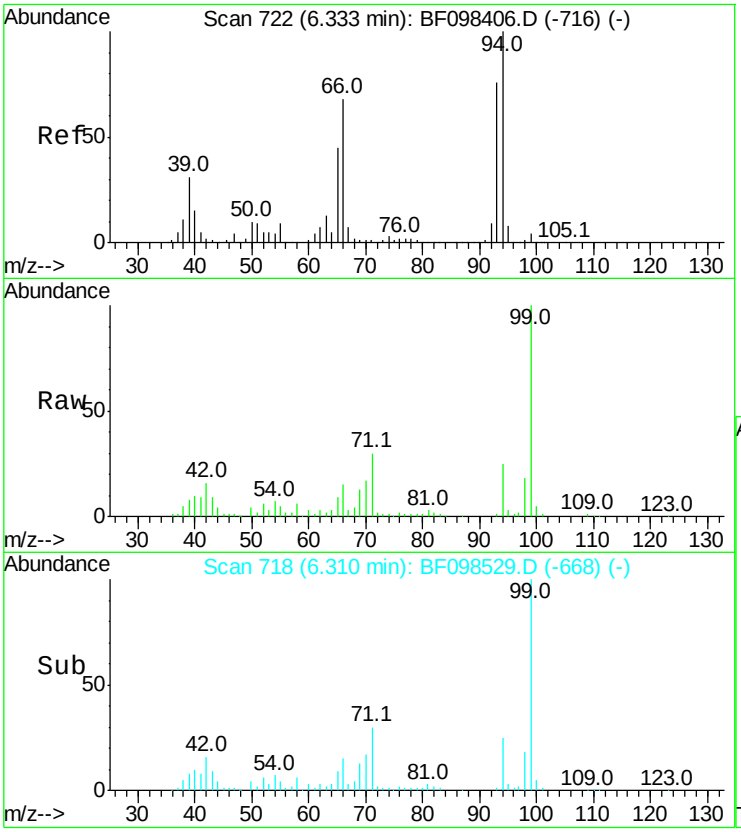


#9
Benzaldehyde
Concen: 2.868 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.22 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion: 77 Resp: 22369

Ion	Ratio	Lower	Upper
77	100		
105	84.6	83.8	123.8
106	81.8	79.1	119.1



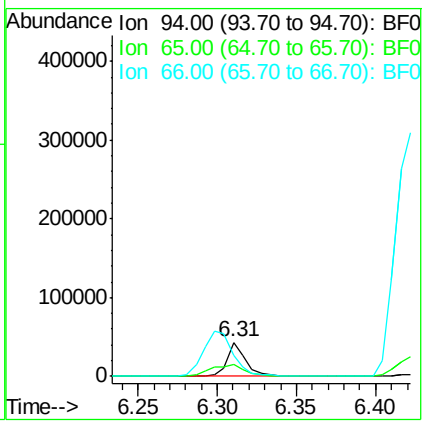


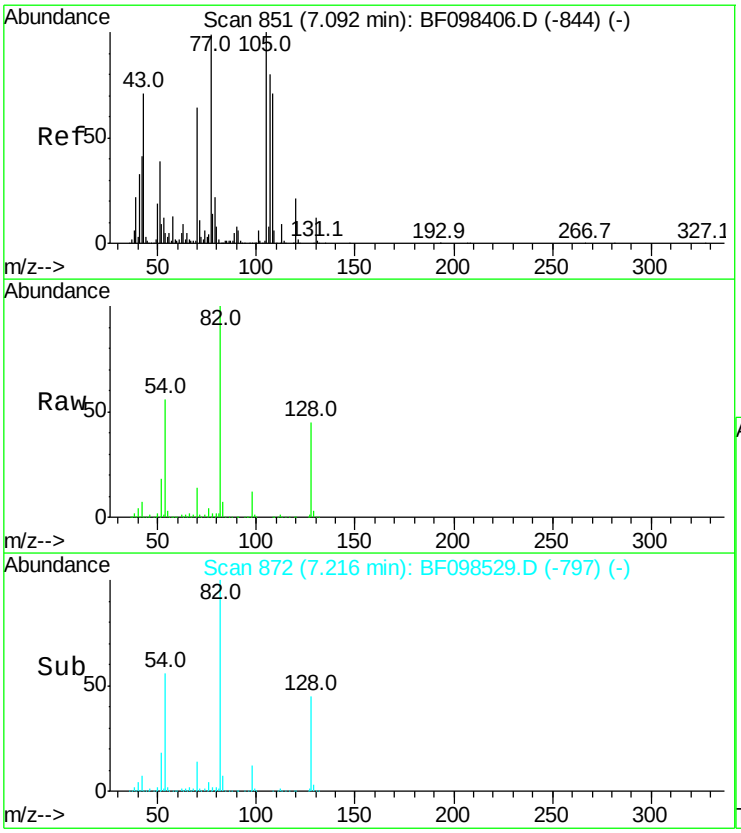
#10
Phenol
Concen: 2.562 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion: 94 Resp: 35510

Ion	Ratio	Lower	Upper
94	100		
65	36.8	9.9	49.9
66	60.6	23.1	63.1

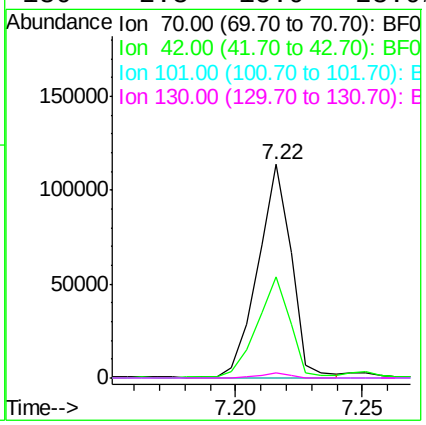


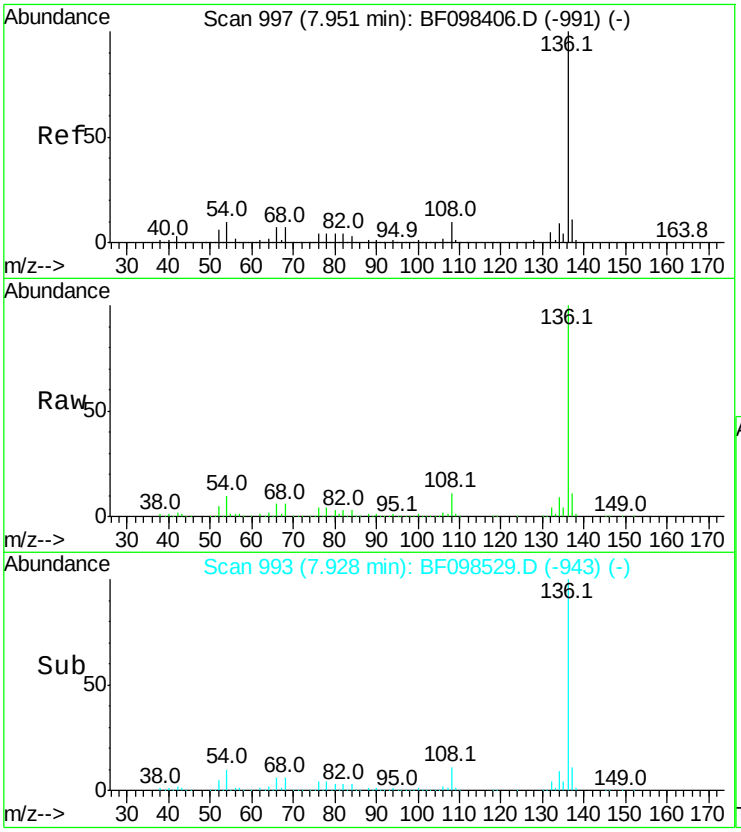


#19
n-Nitroso-di-n-propylamine
Concen: 14.018 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion: 70 Resp: 105221

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



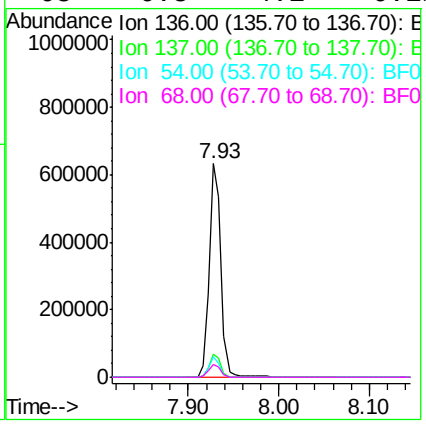


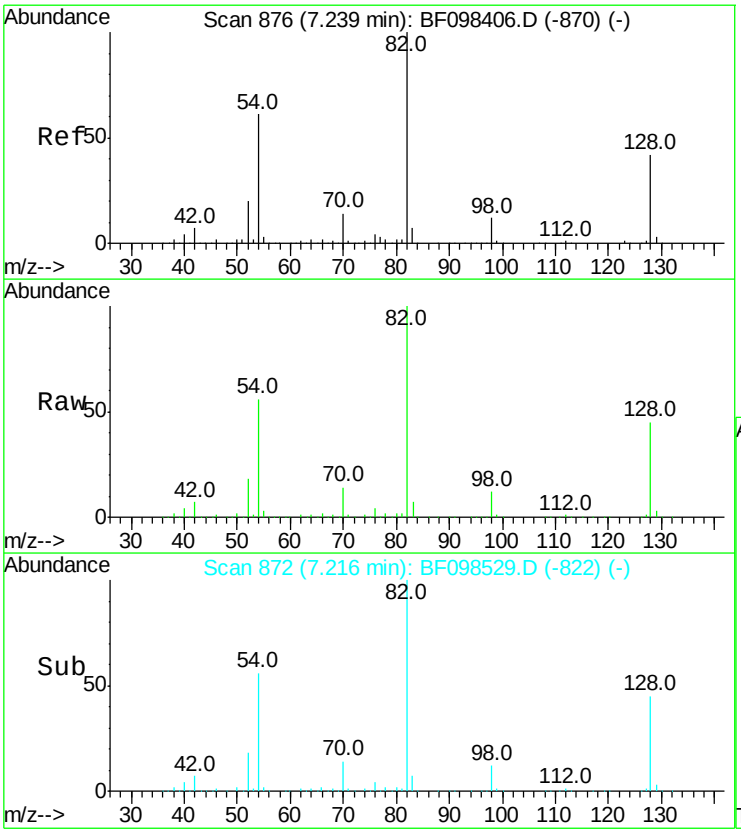
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:136 Resp: 572363

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.6	4.9	7.3#
68	6.3	4.1	6.1#

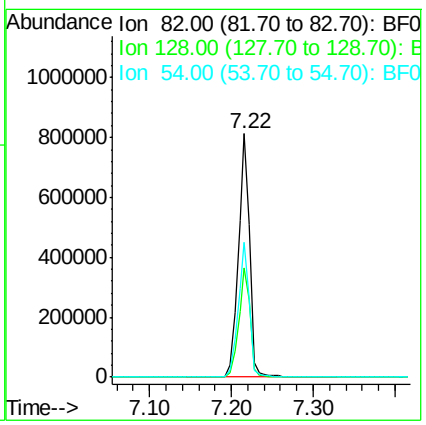


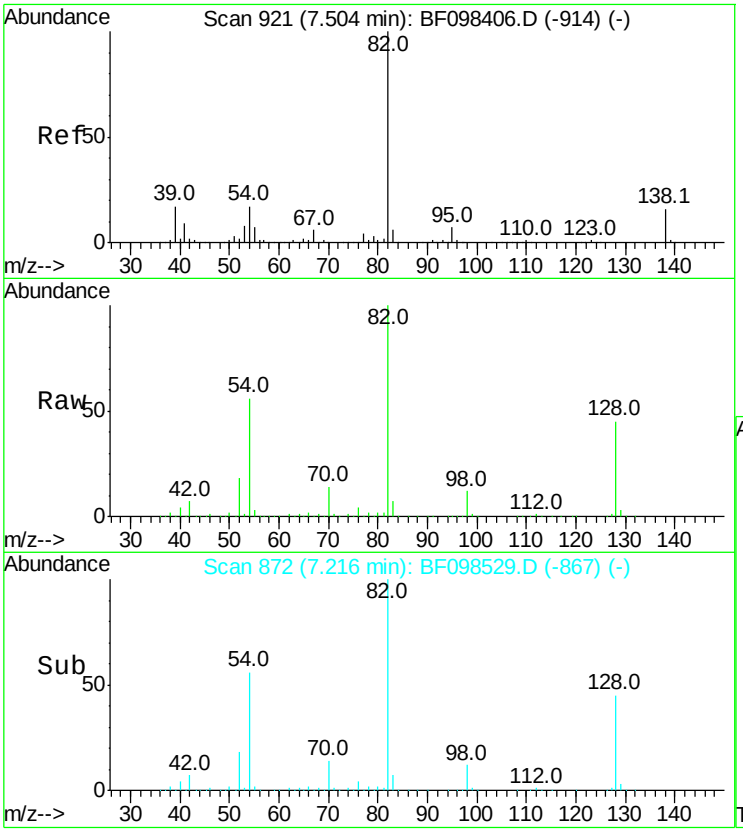


#23
Nitrobenzene-d5
Concen: 76.179 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion: 82 Resp: 782103

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	55.6	42.2	63.2



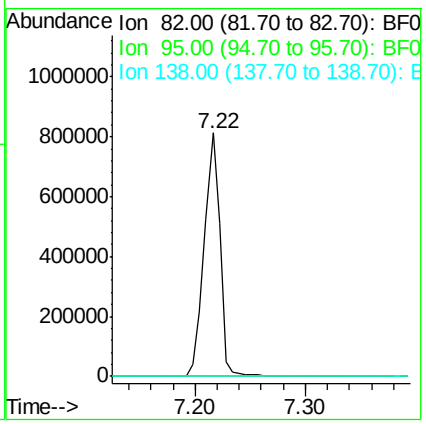


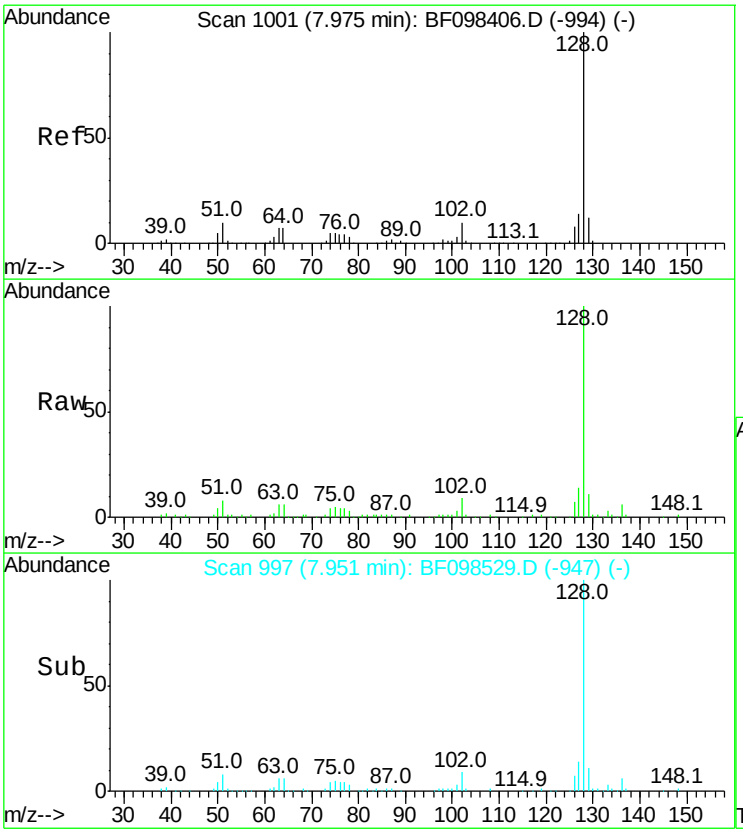
#25
Isophorone
Concen: 37.232 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.27 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion: 82 Resp: 773398

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

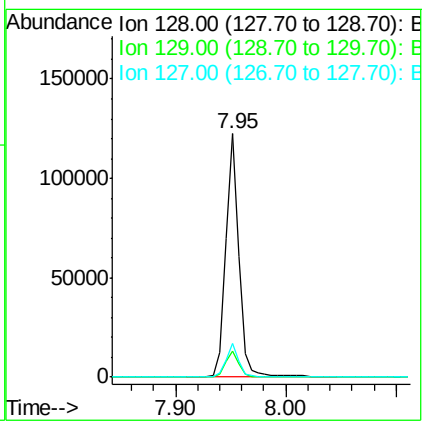


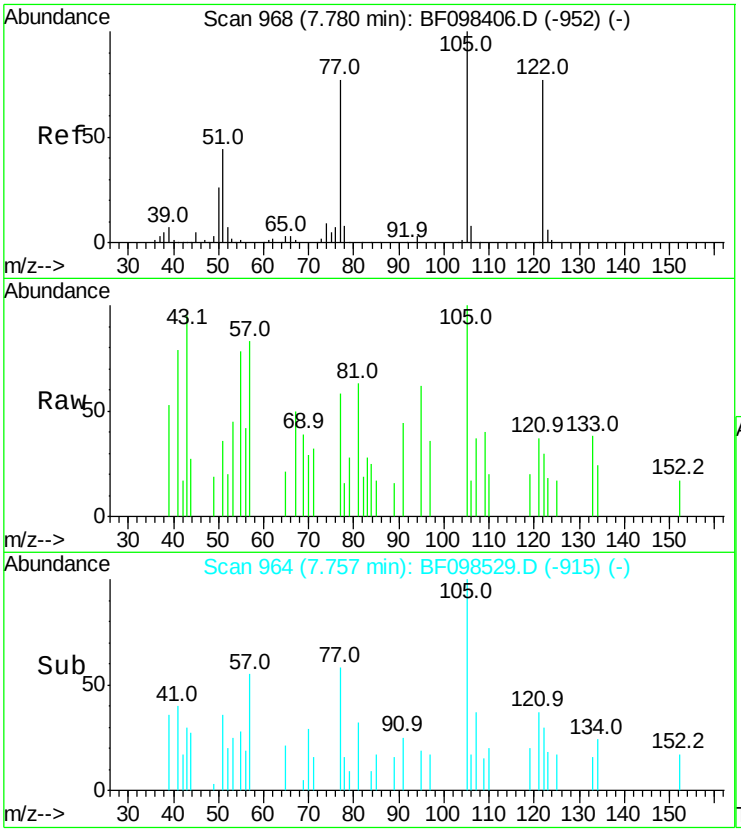


#31
Naphthalene
Concen: 3.641 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:128 Resp: 103010

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.9	10.8	16.2



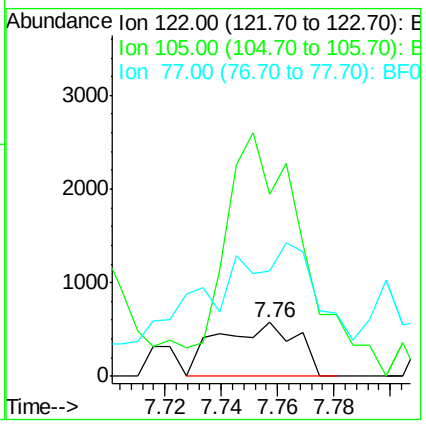


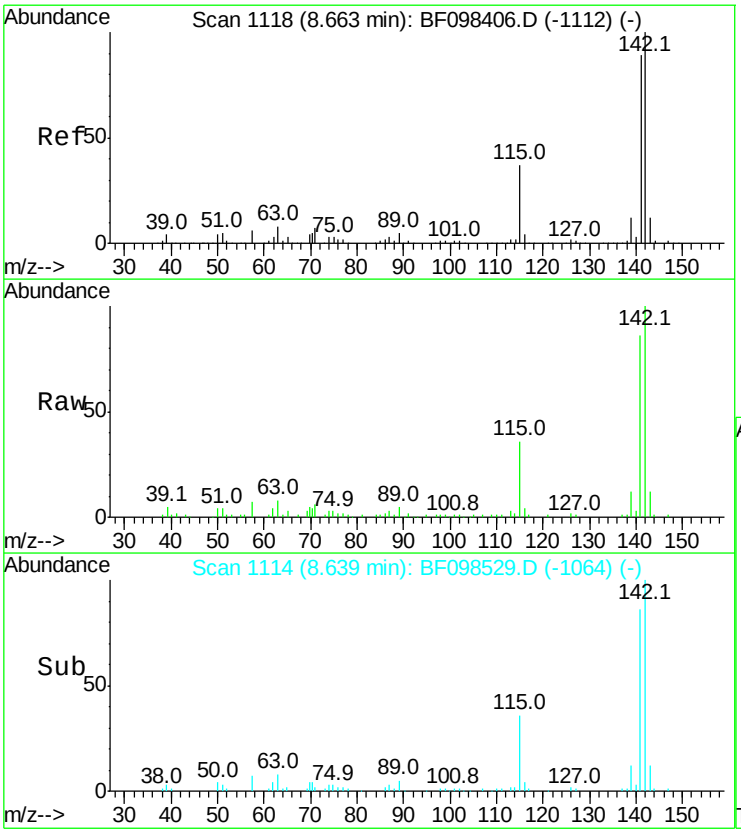
#32
Benzoic acid
Concen: 8.123 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:122 Resp: 1109

Ion	Ratio	Lower	Upper
122	100		
105	336.4	103.3	143.3#
77	195.7	73.7	113.7#

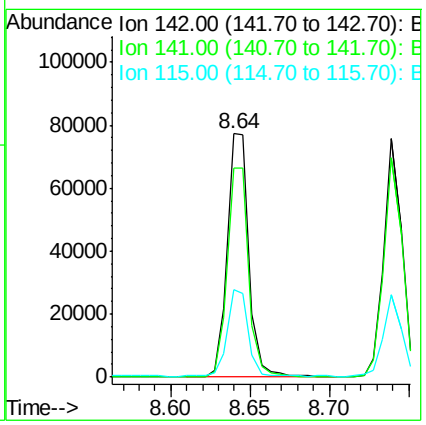


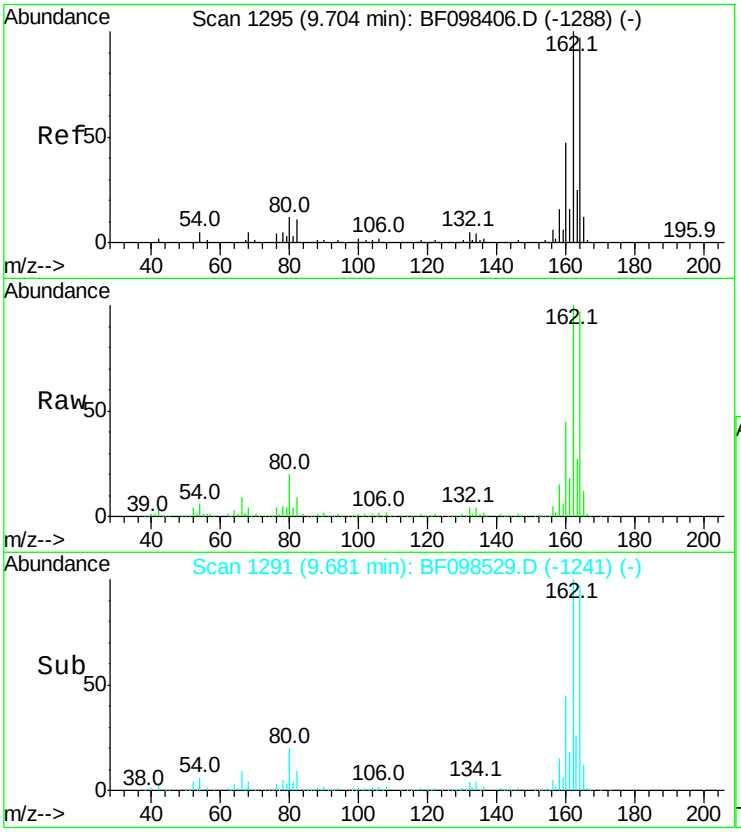


#37
2-Methylnaphthalene
Concen: 4.260 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:142 Resp: 73007

Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.3	106.9
115	36.1	27.1	40.7



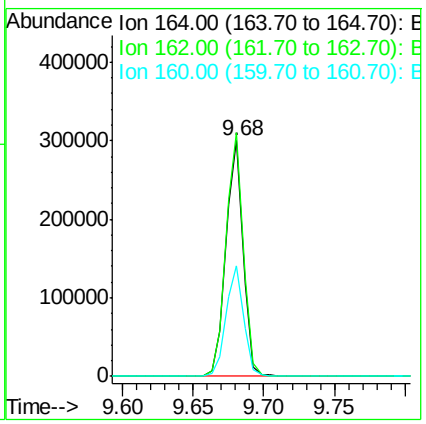


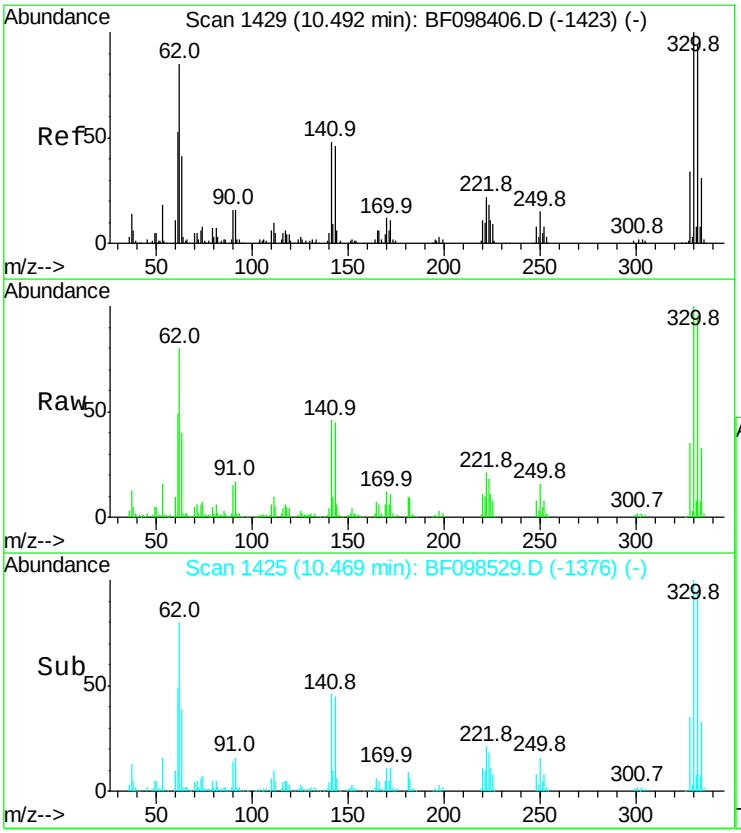
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:164 Resp: 253968

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.9	36.2	54.2

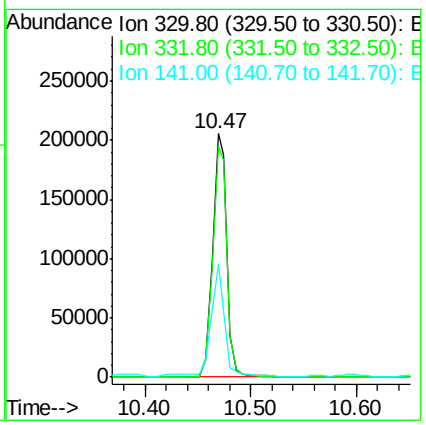


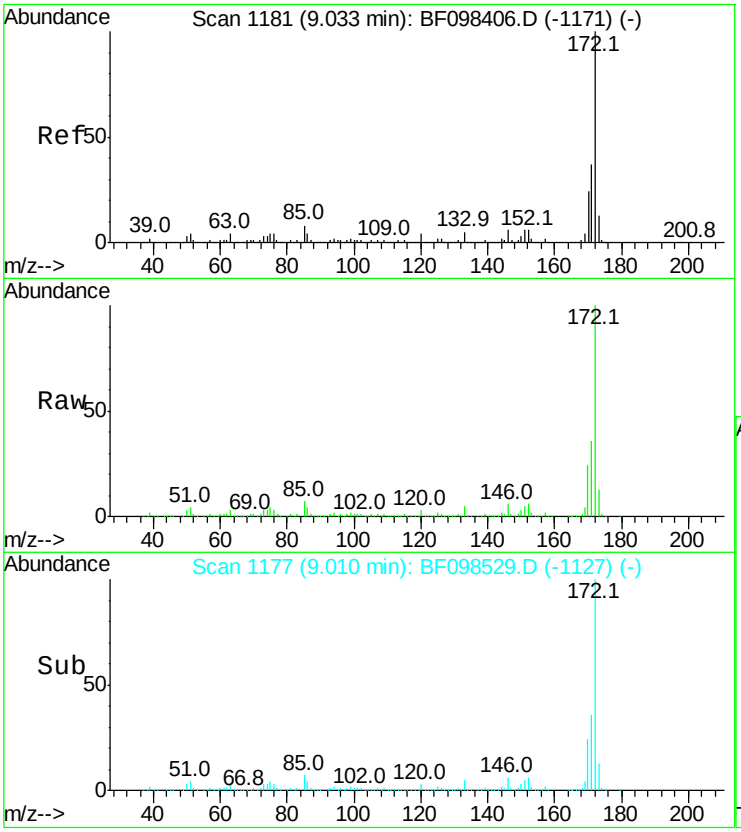


#41
2,4,6-Tribromophenol
Concen: 116.209 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:330 Resp: 196977

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	43.0	31.4	47.2



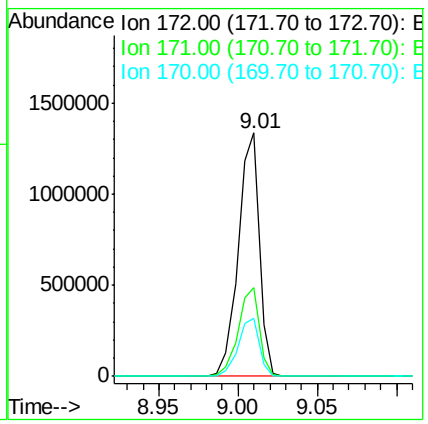


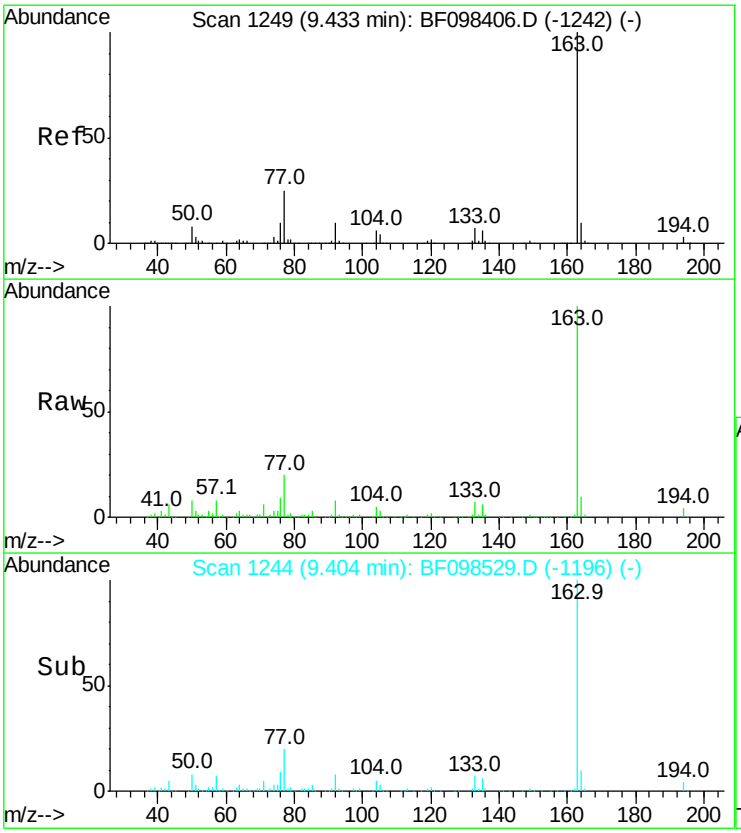
#44
2-Fluorobiphenyl
Concen: 82.356 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument : BNA_F
ClientSampleId : G-5-2

Tgt Ion:172 Resp: 1234033

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

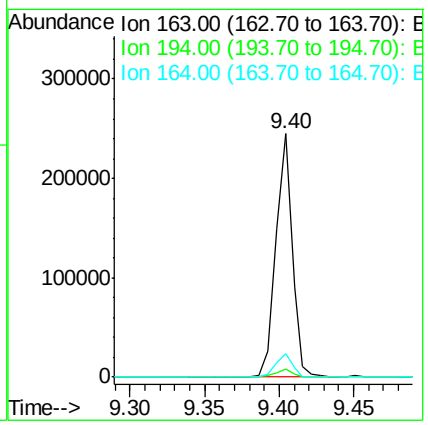


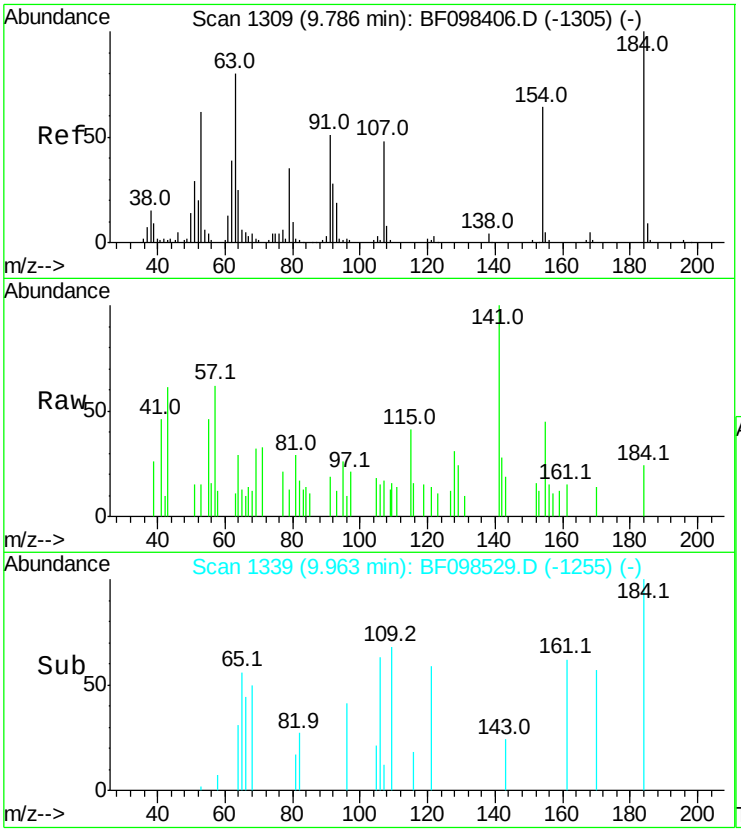


#49
Dimethylphthalate
Concen: 9.572 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:163 Resp: 188175

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6



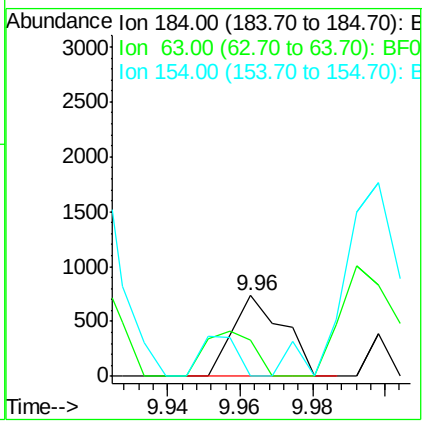


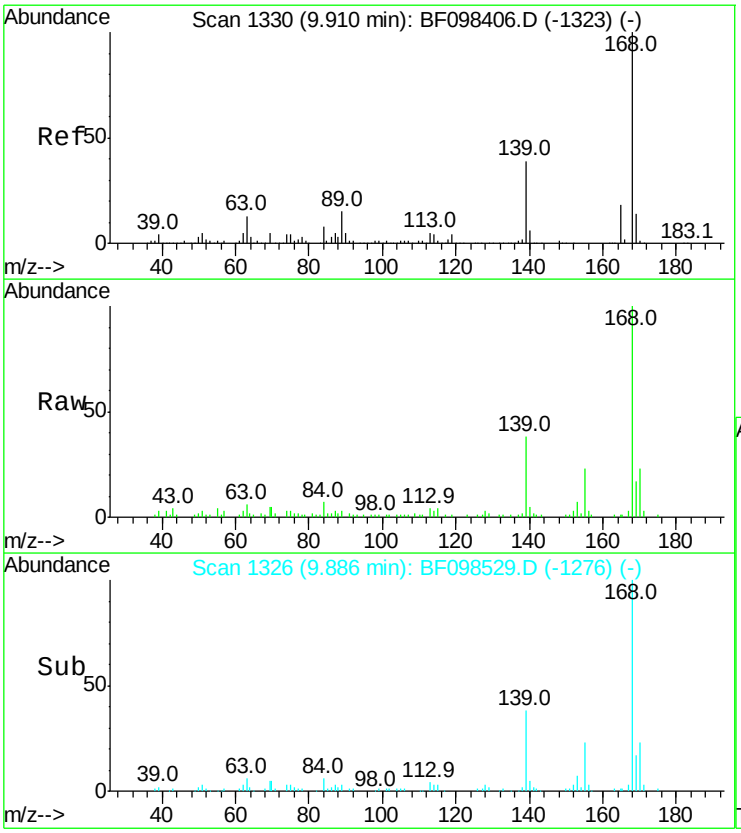
#53
2,4-Dinitrophenol
Concen: 8.863 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.19 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:184 Resp: 722

Ion	Ratio	Lower	Upper
184	100		
63	45.4	62.7	94.1#
154	0.0	81.1	121.7#

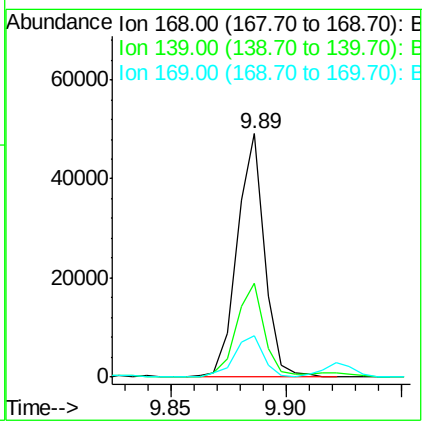


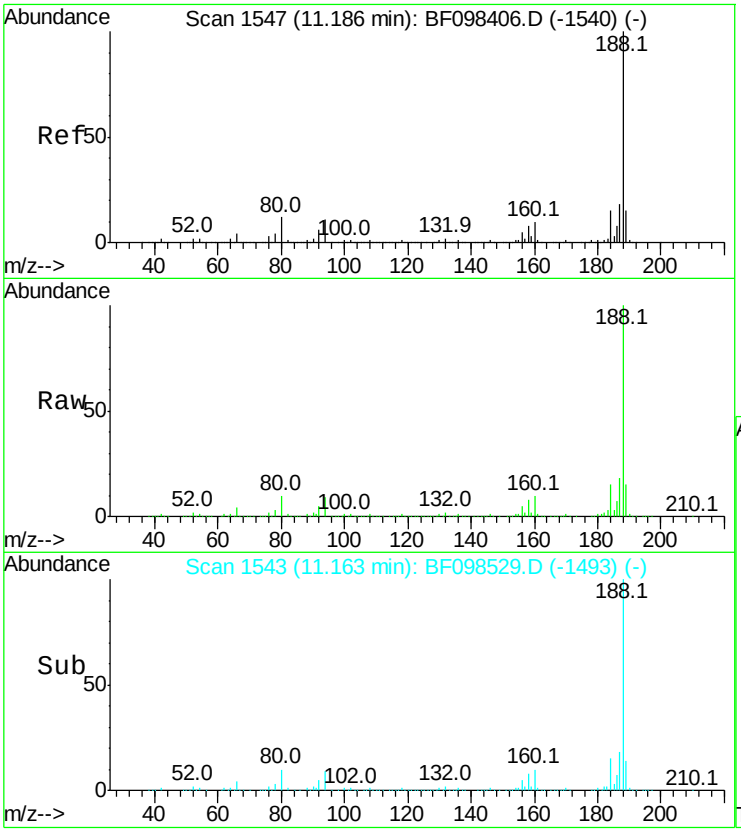


#54
Dibenzofuran
Concen: 2.011 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:168 Resp: 40657

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.6	45.8
169	16.9	10.8	16.2#



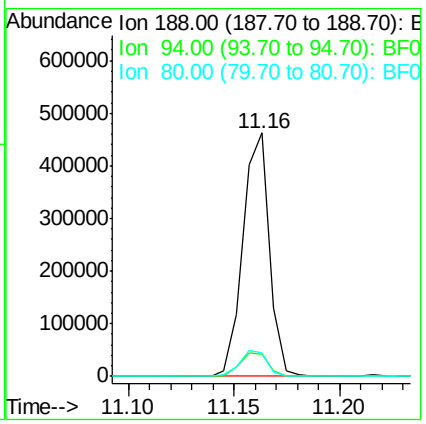


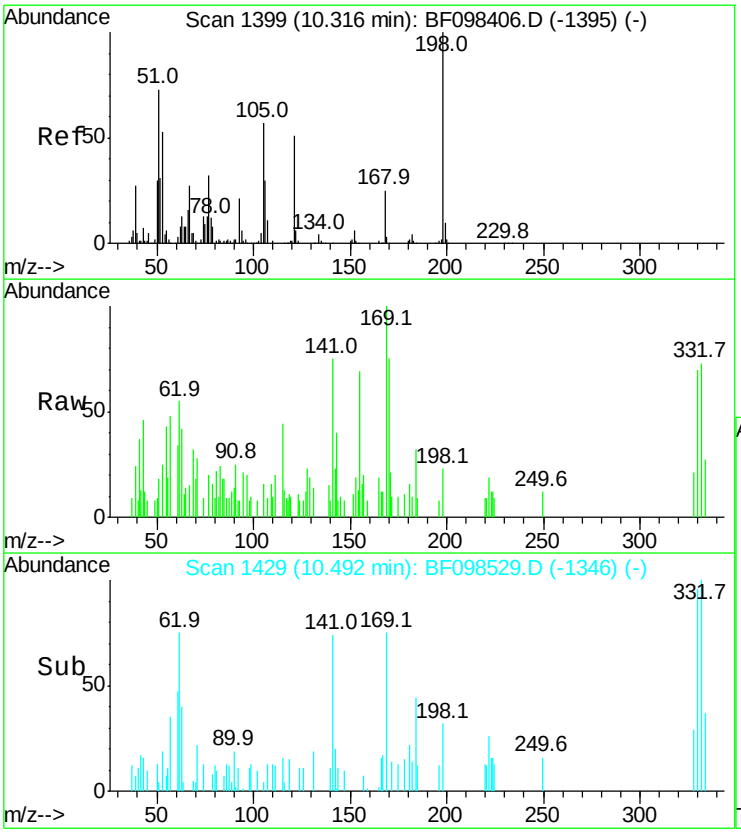
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:188 Resp: 402462

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	9.8	10.2	15.2#

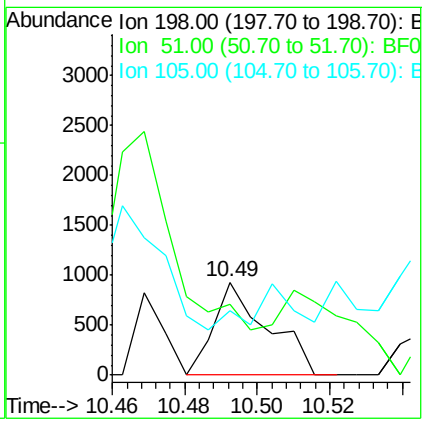


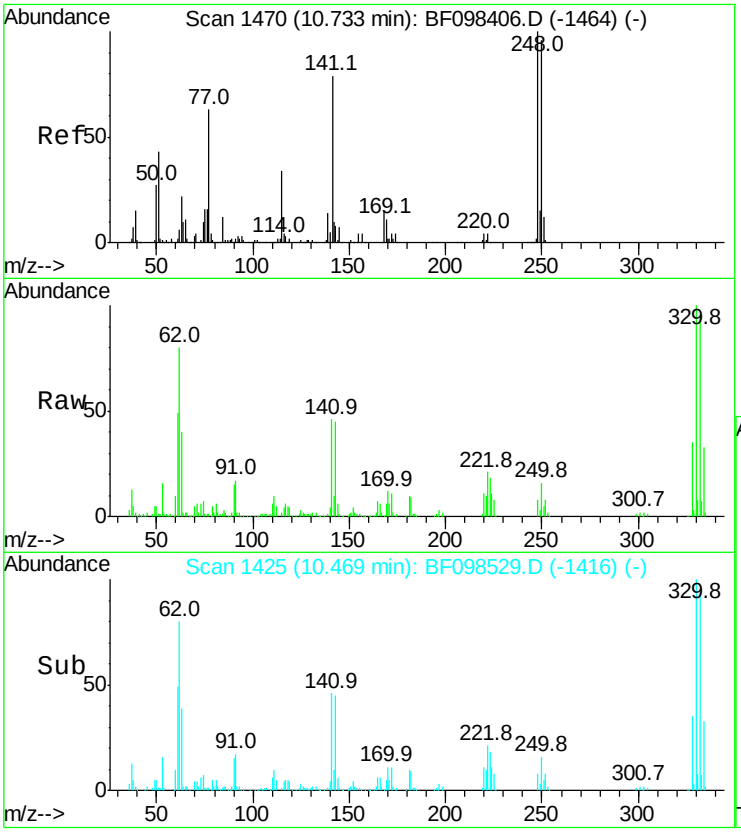


#64
4,6-Dinitro-2-methylphenol
Concen: 5.315 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.19 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:198 Resp: 965

Ion	Ratio	Lower	Upper
198	100		
51	76.2	53.2	93.2
105	69.2	45.8	85.8



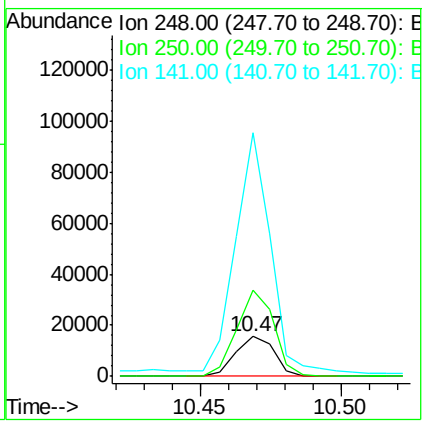


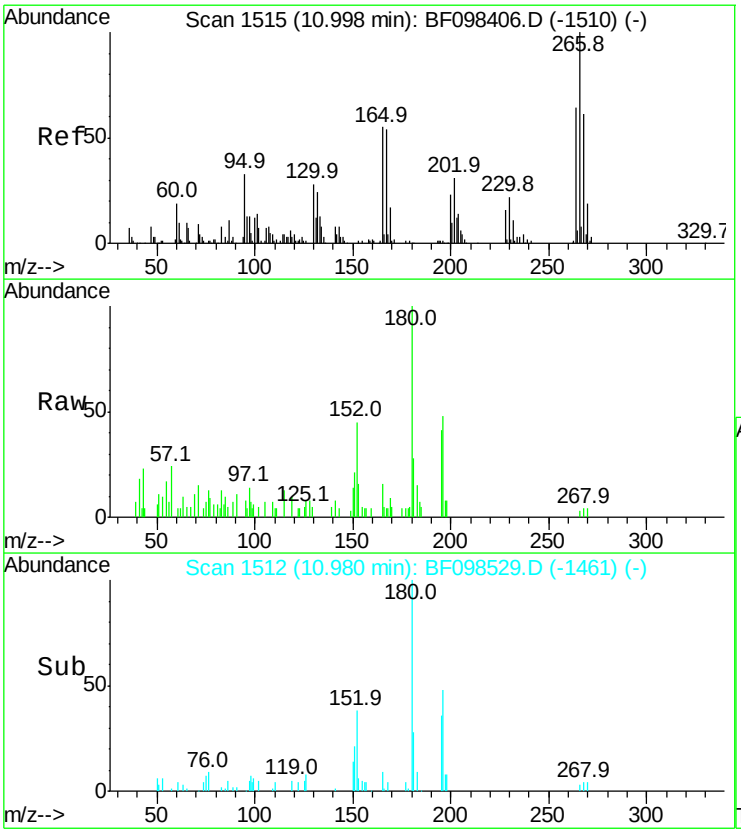
#66
4-Bromophenyl-phenylether
Concen: 3.886 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:248 Resp: 14844

Ion	Ratio	Lower	Upper
248	100		
250	214.5	76.8	115.2#
141	609.0	68.6	103.0#

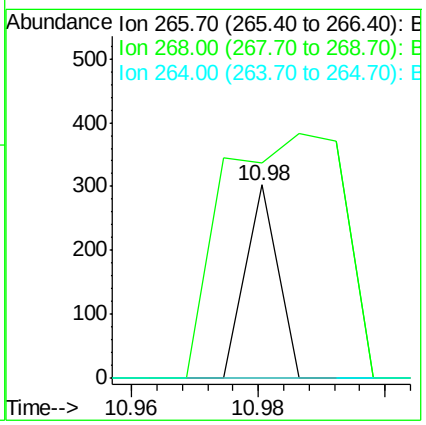


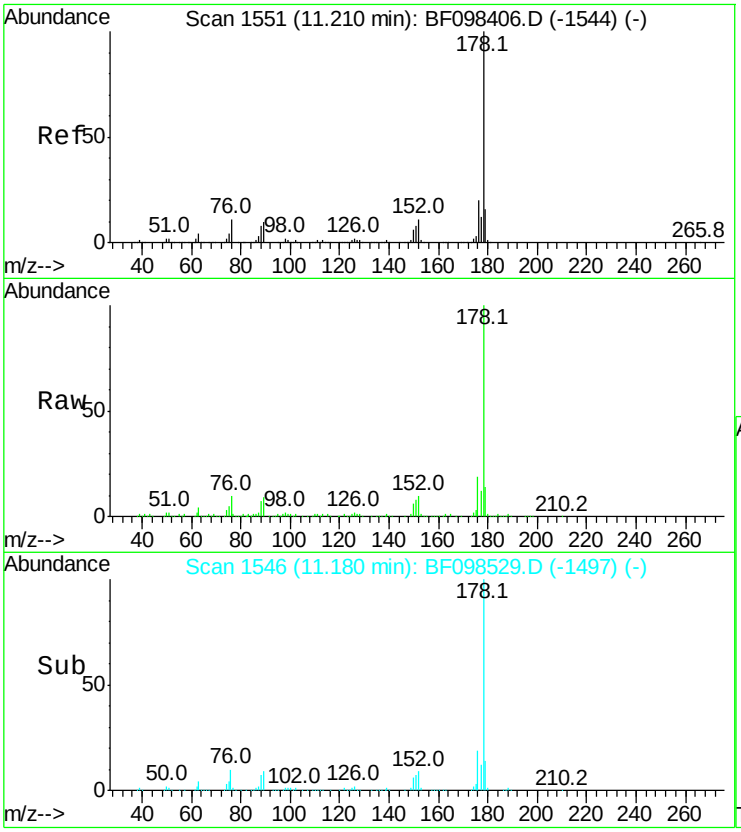


#69
Pentachlorophenol
Concen: 6.996 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
268	111.3	51.1	76.7#
264	0.0	51.7	77.5#



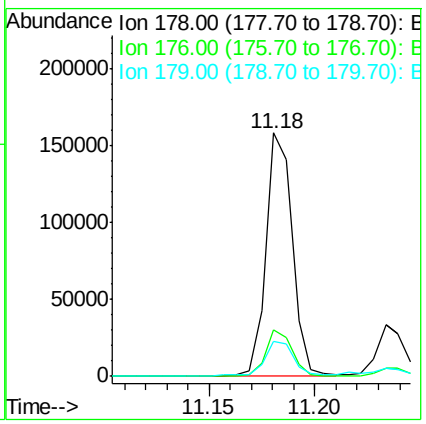


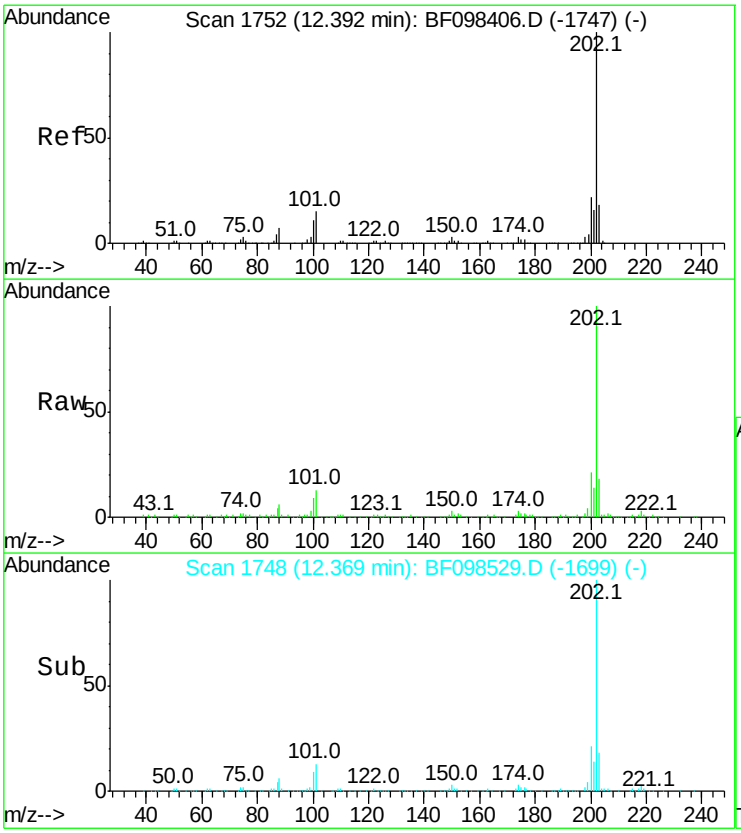
#70
Phenanthrene
Concen: 6.483 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:178 Resp: 138311

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.2	12.6	19.0

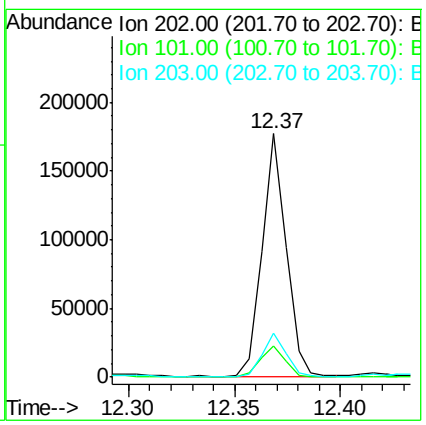


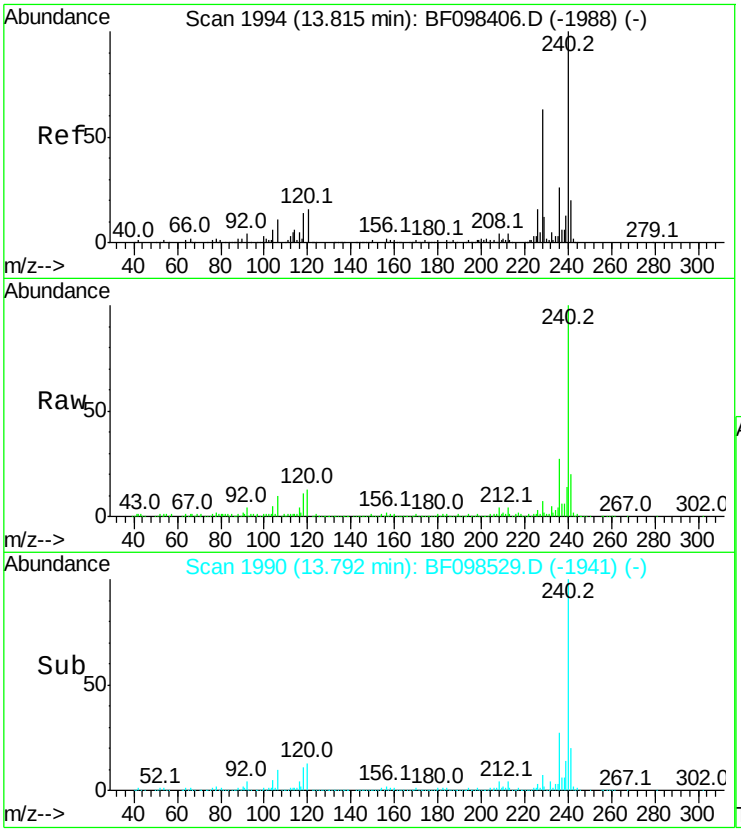


#74
Fluoranthene
Concen: 6.575 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:202 Resp: 140438

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.9	0.0	38.1



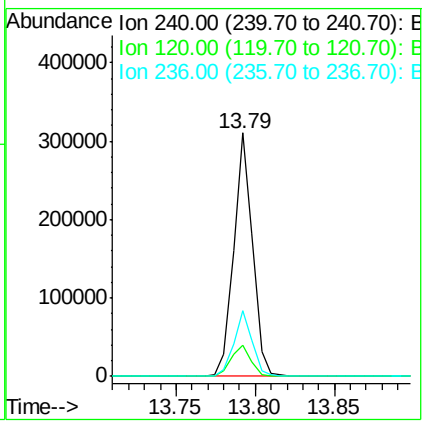


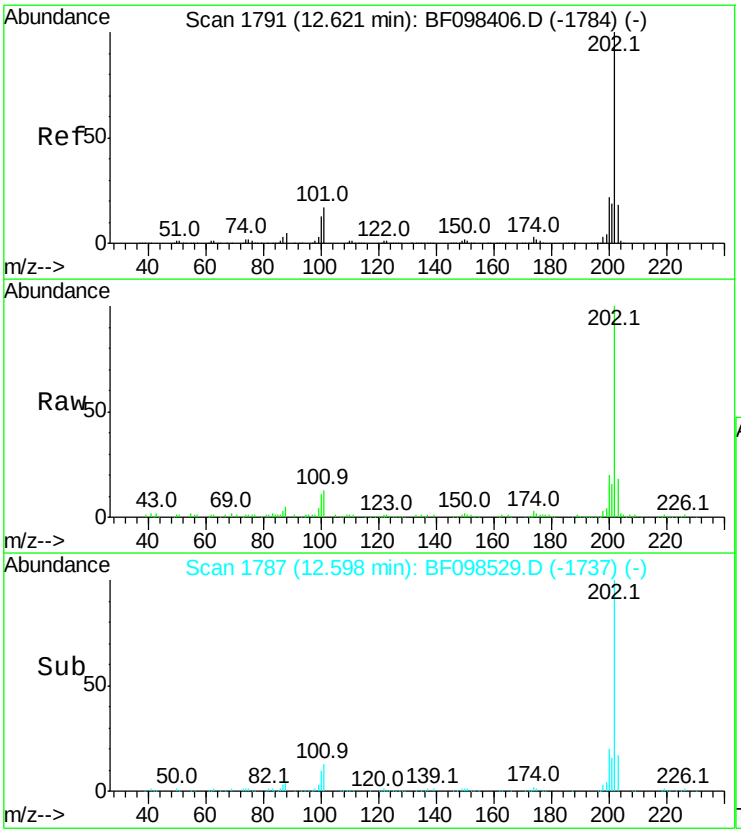
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:240 Resp: 256072

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.9	20.5	30.7

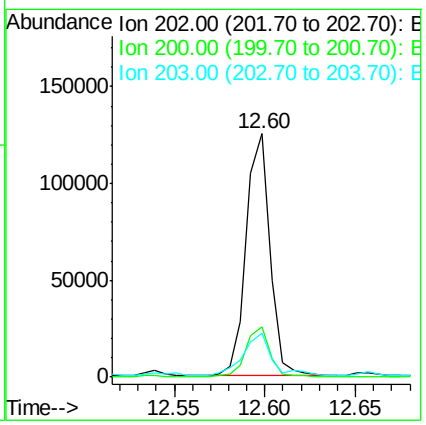


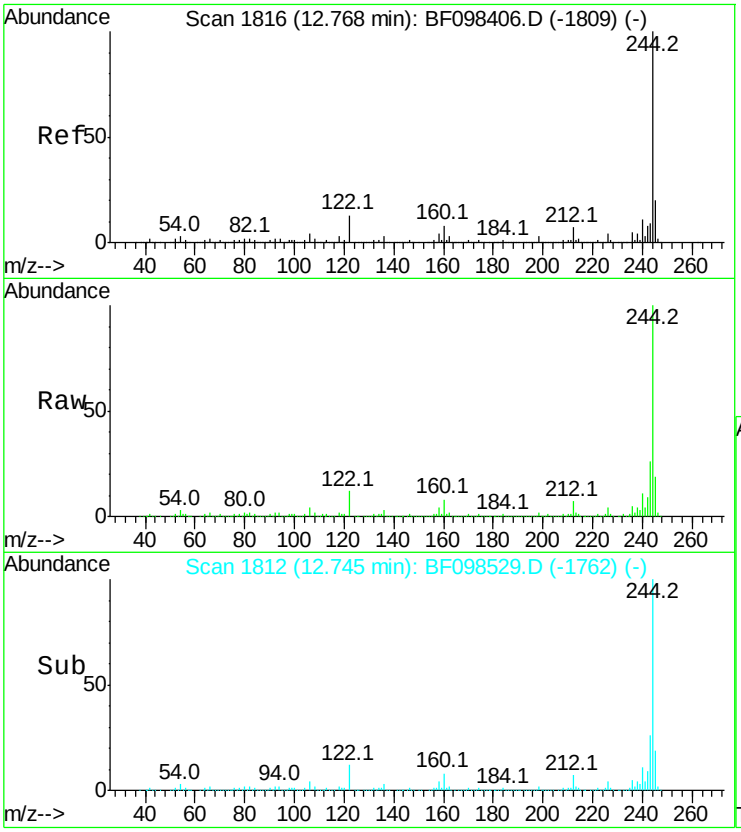


#77
Pyrene
Concen: 5.695 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:202 Resp: 115044

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.8	14.4	21.6



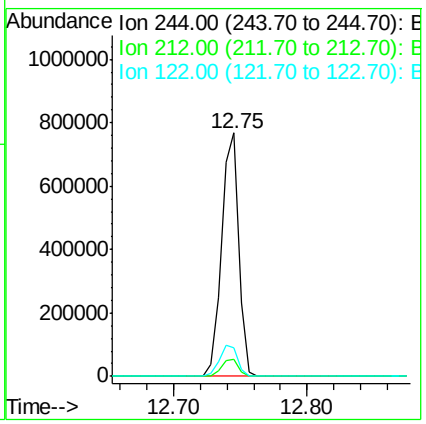


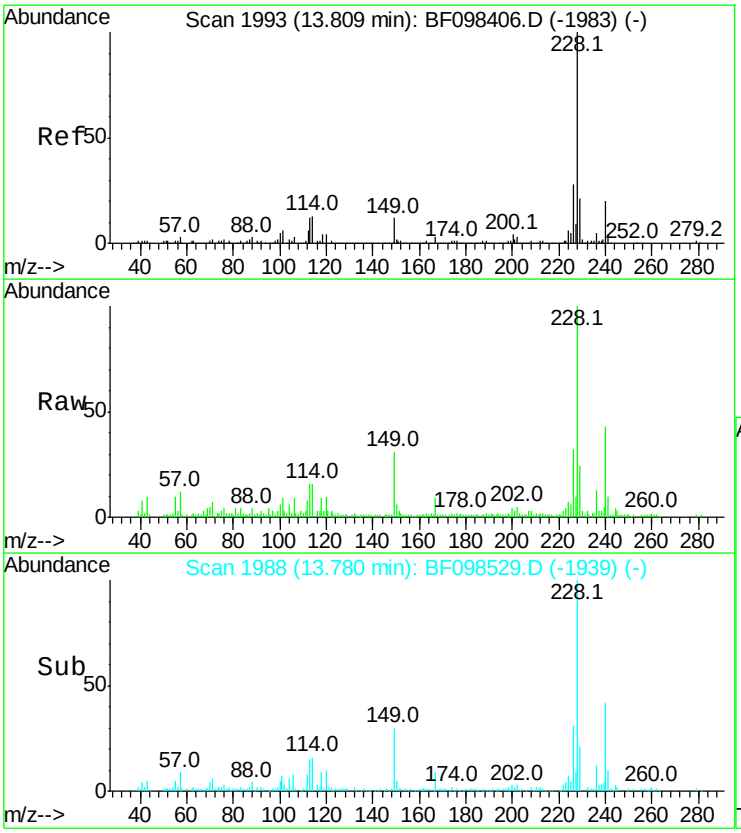
#78
Terphenyl-d14
Concen: 59.204 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:244 Resp: 702378

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.9	10.3	15.5

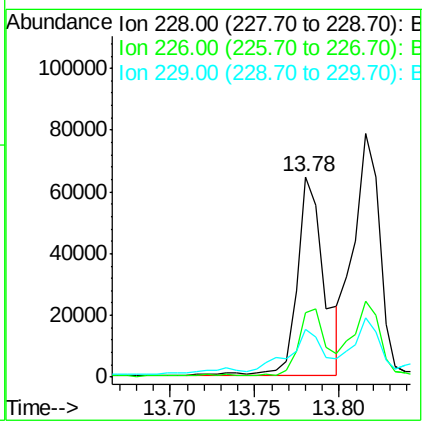


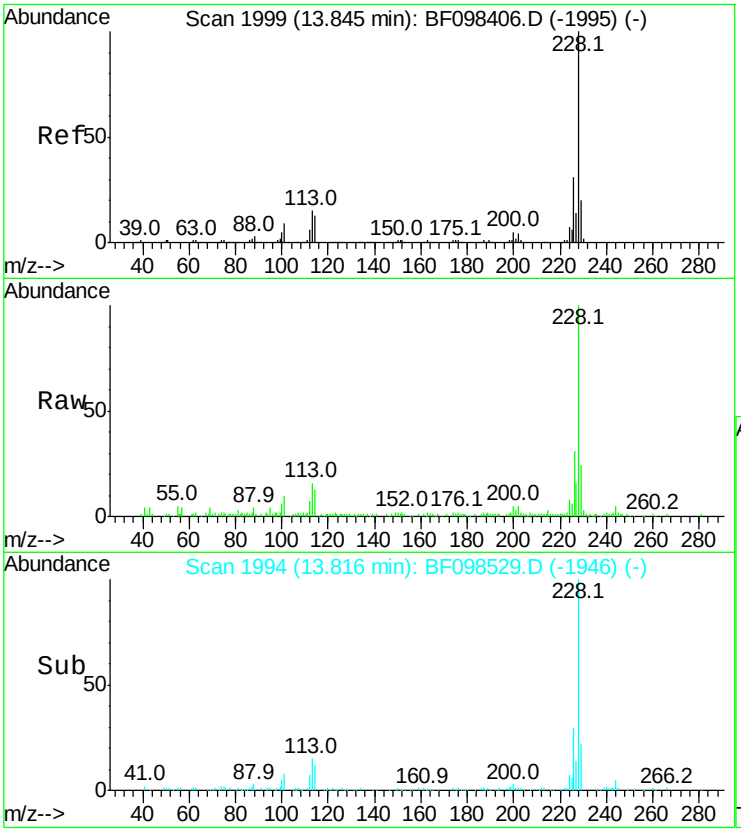


#80
Benzo(a)anthracene
Concen: 4.797 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:228 Resp: 72019

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	23.7	16.3	24.5



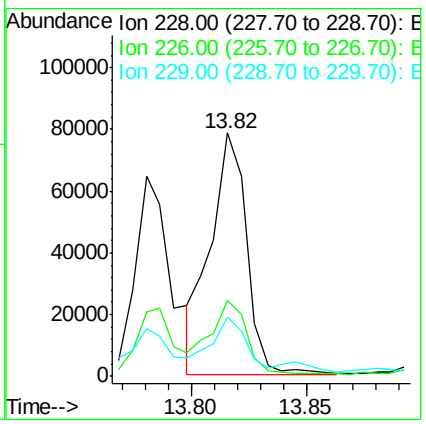


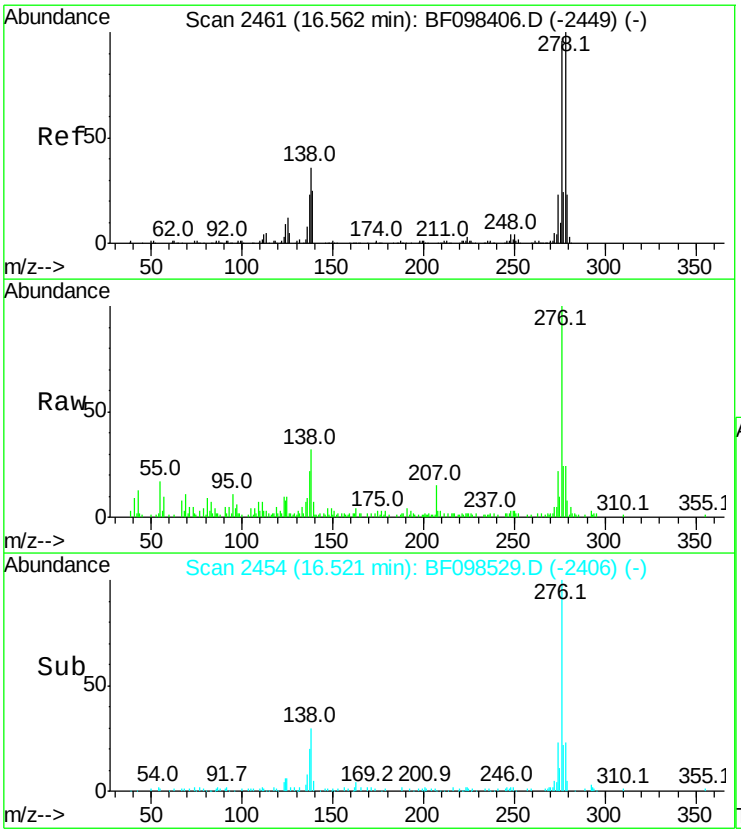
#82
Chrysene
Concen: 5.630 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:228 Resp: 85445

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	24.1	15.8	23.6#

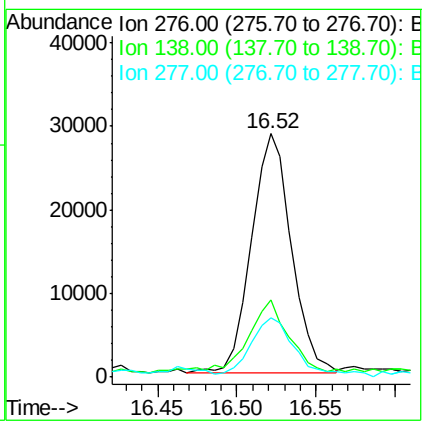


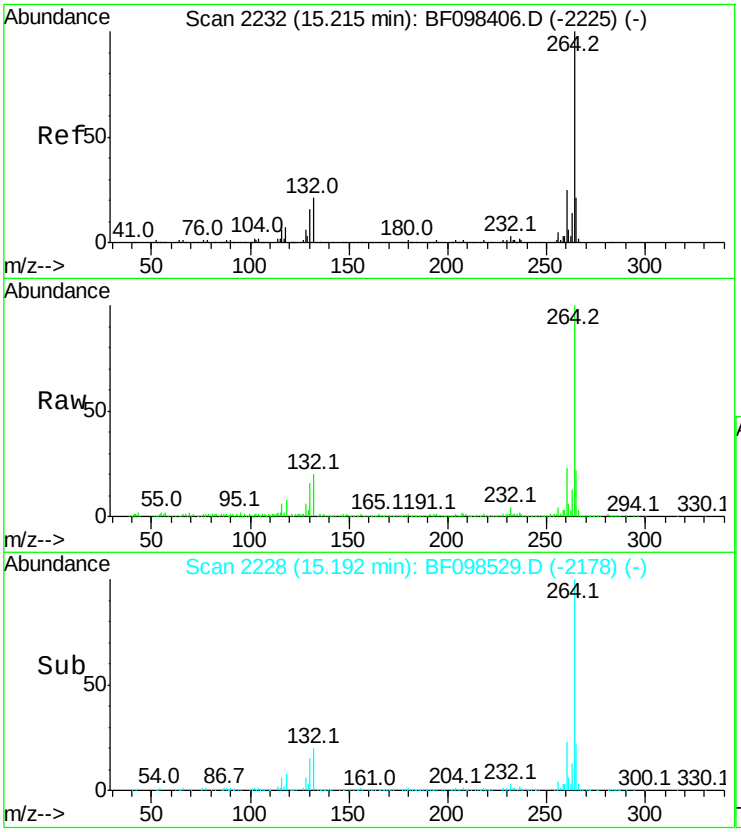


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.698 ng
RT: 16.52 min Scan# 2454
Delta R.T. -0.02 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:276 Resp: 50022

Ion	Ratio	Lower	Upper
276	100		
138	31.3	27.8	41.6
277	28.6	20.2	30.4



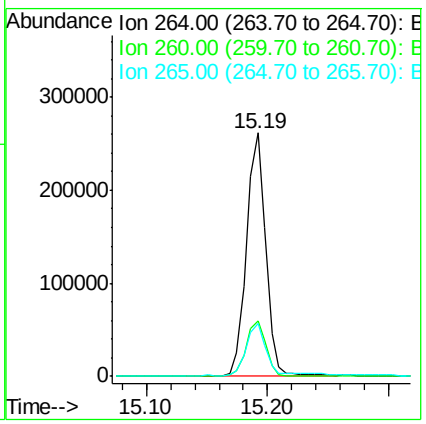


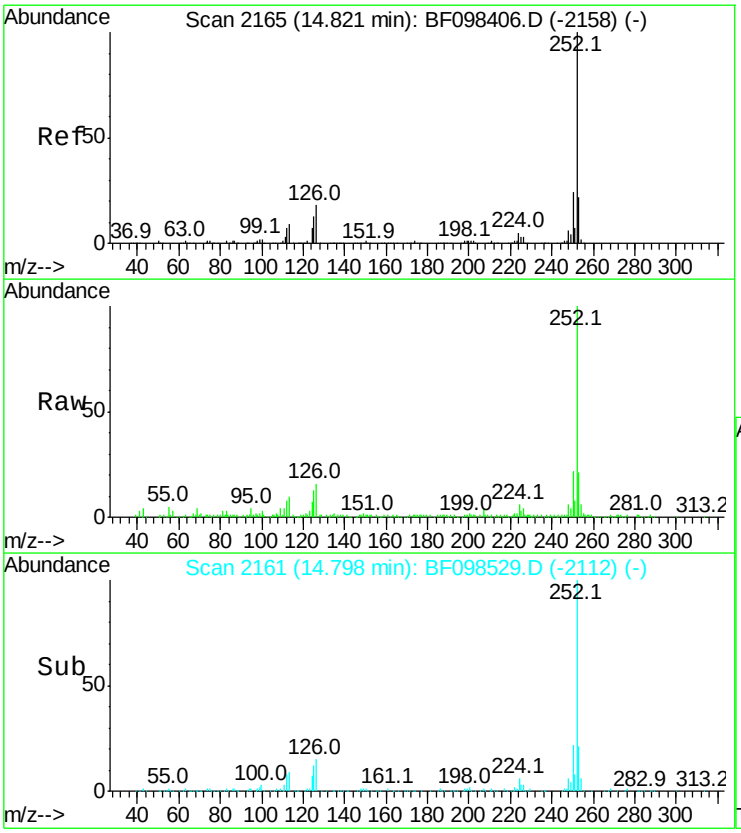
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:264 Resp: 295021

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.9	17.2	25.8

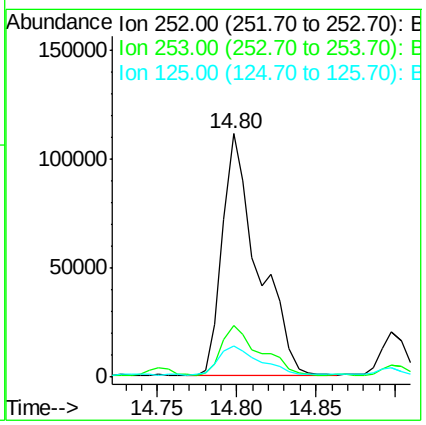


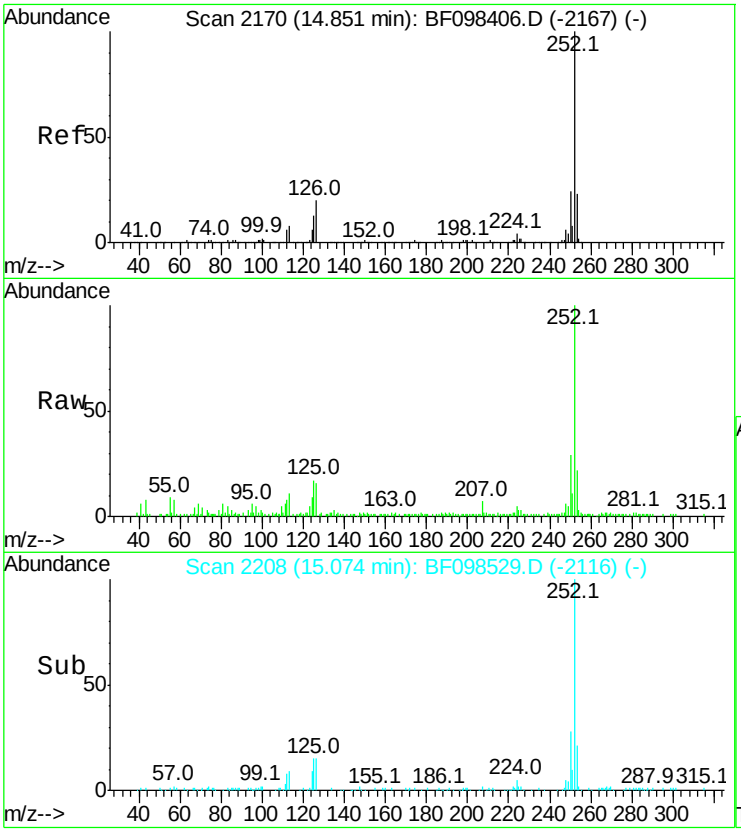


#87
Benzo(b)fluoranthene
Concen: 9.401 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:252 Resp: 174393

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.9	9.8	14.8



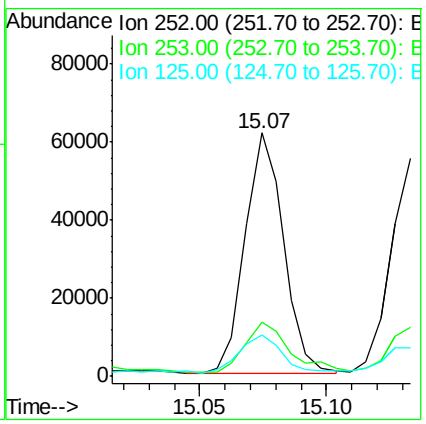


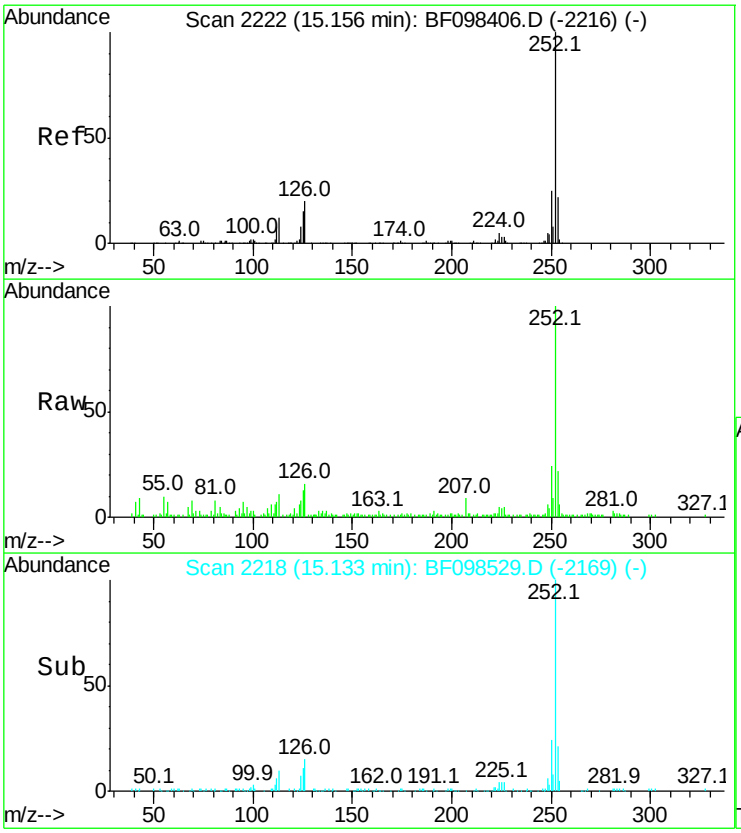
#88
Benzo(k)fluoranthene
Concen: 3.792 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.24 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:252 Resp: 65676

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	17.1	13.1	19.7

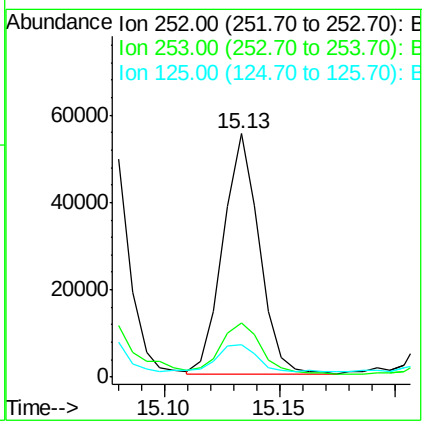


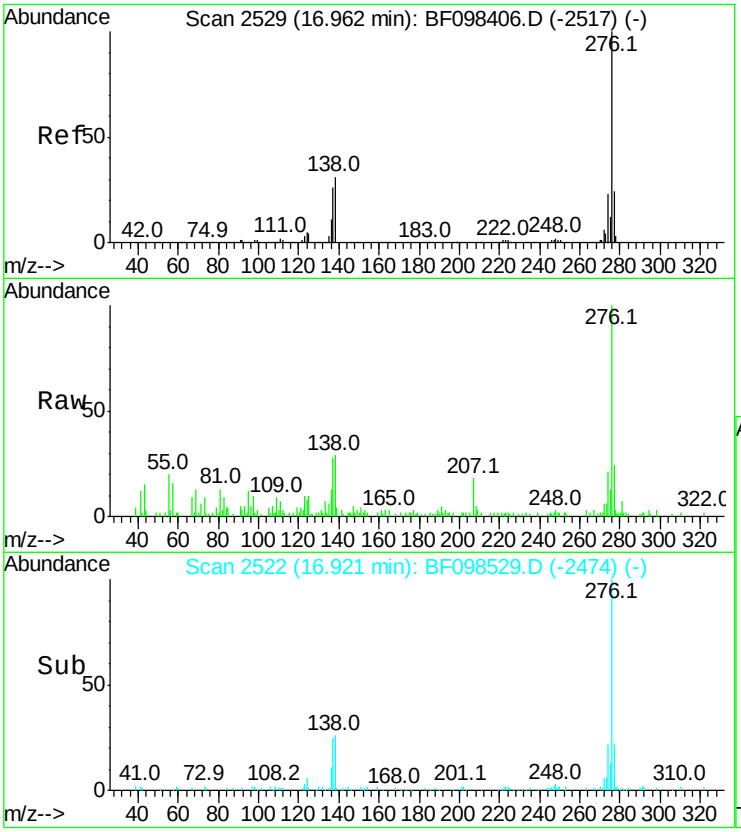


#89
Benzo(a)pyrene
Concen: 3.639 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Tgt Ion:252 Resp: 60146

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.750 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.02 min
Lab File: BF098529.D
Acq: 14 Sep 2017 15:12

Instrument :
BNA_F
ClientSampleId :
G-5-2

Tgt Ion:276 Resp: 45339

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	28.9	25.4	38.0