Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097260.D
Acq On : 2 Aug 2017 7:55
Operator : SJ/JU
Sample : I4527-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N8-BASE

Quant Time: Aug 02 08:37:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	104742	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	368323	20.00	ng		-0.04
38) Acenaphthene-d10	9.49	164	131569	20.00	ng		-0.04
63) Phenanthrene-d10	10.96	188	205938	20.00	ng		-0.04
75) Chrysene-d12	13.59	240	213902	20.00	ng		-0.04
86) Perylene-d12	14.93	264	150904	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	184992	26.62	ng		-0.03
7) Phenol-d6	6.13	99	221830	27.97	ng		-0.04
23) Nitrobenzene-d5	7.03	82	88769	14.14	ng		-0.05
41) 2,4,6-Tribromophenol	10.28	330	21626	20.80	ng		-0.04
44) 2-Fluorobiphenyl	8.82	172	129339	16.68	ng		-0.05
78) Terphenyl-d14	12.55	244	94515	9.01	ng		-0.04
Target Compounds							Qvalue
6) Aniline	6.20	93	57330	5.74	ng	#	52
11) bis(2-Chloroethyl)ether	6.20	93	57330	7.70	ng		91
12) 1,3-Dichlorobenzene	6.40	146	16639	2.08	ng		98
13) 1,4-Dichlorobenzene	6.48	146	38061	4.80	ng		95
14) 1,2-Dichlorobenzene	6.63	146	19688	2.84	ng		99
22) Acetophenone	6.87	105	49595	5.61	ng	#	51
31) Naphthalene	7.77	128	357027	20.56	ng		100
33) 4-Chloroaniline	7.77	127	50480	7.15	ng	#	37
37) 2-Methylnaphthalene	8.46	142	303681	27.62	ng		99
45) 1,1'-Biphenyl	8.92	154	32655	2.91	ng		95
49) Dimethylphthalate	9.22	163	34284	3.43	ng		99
51) Acenaphthene	9.52	154	20042	2.68	ng		94
57) Fluorene	10.03	166	24461	3.27	ng	#	94
67) Hexachlorobenzene	10.59	284	13510	5.86	ng	#	84
70) Phenanthrene	10.99	178	121882	11.05	ng		97
71) Anthracene	11.04	178	28080	2.48	ng		98
74) Fluoranthene	12.17	202	79286	7.33	ng		96
77) Pyrene	12.39	202	76392	4.36	ng		97
80) Benzo(a)anthracene	13.58	228	36750	2.66	ng		97
82) Chrysene	13.62	228	36204	2.68	ng		95
87) Benzo(b)fluoranthene	14.58	252	36391	4.01	ng	#	94
88) Benzo(k)fluoranthene	14.58	252	36391	4.21	ng		98
89) Benzo(a)pyrene	14.89	252	18997	2.29	ng	#	96

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

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Misc :
ALS Vial : 36 Sample Multiplier: 1

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Quant Time: Aug 02 08:37:33 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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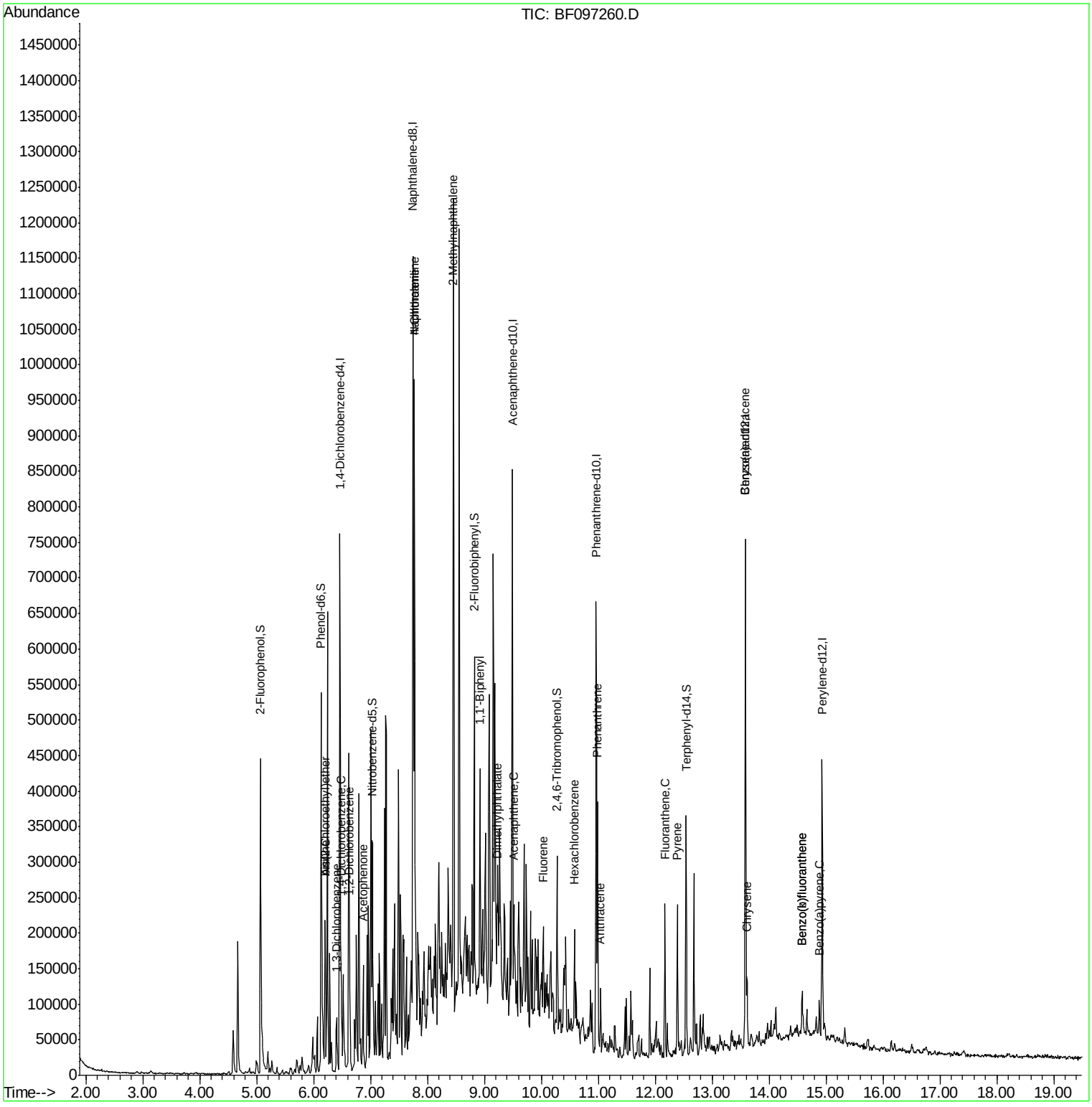
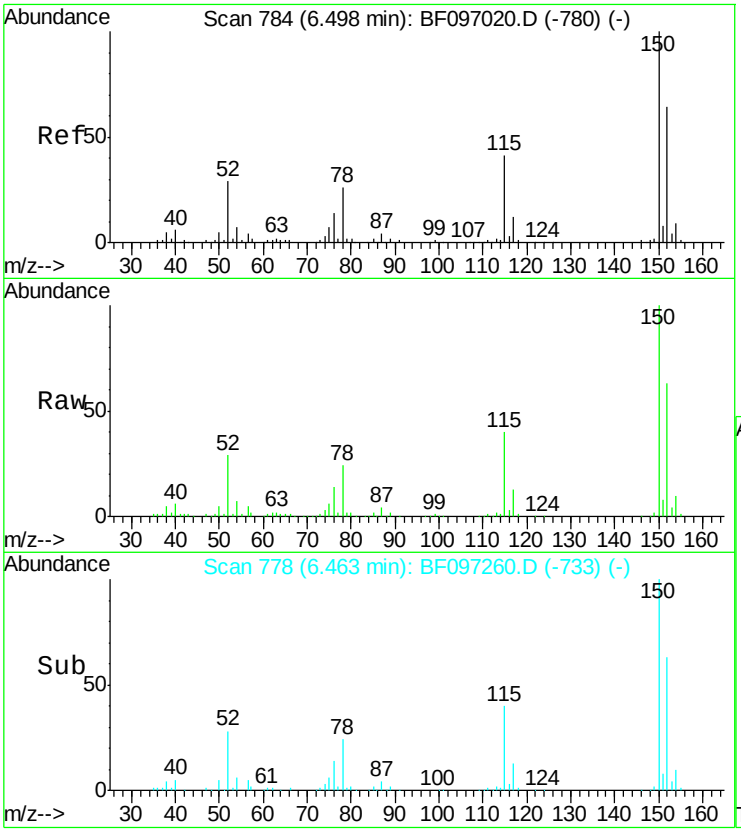


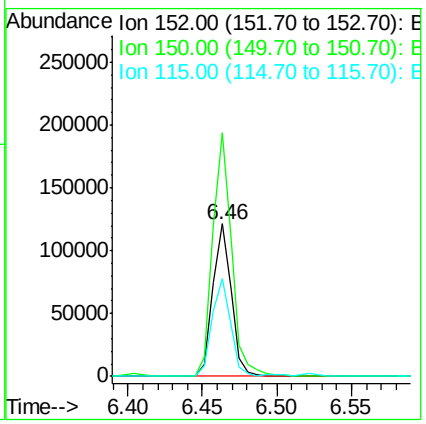


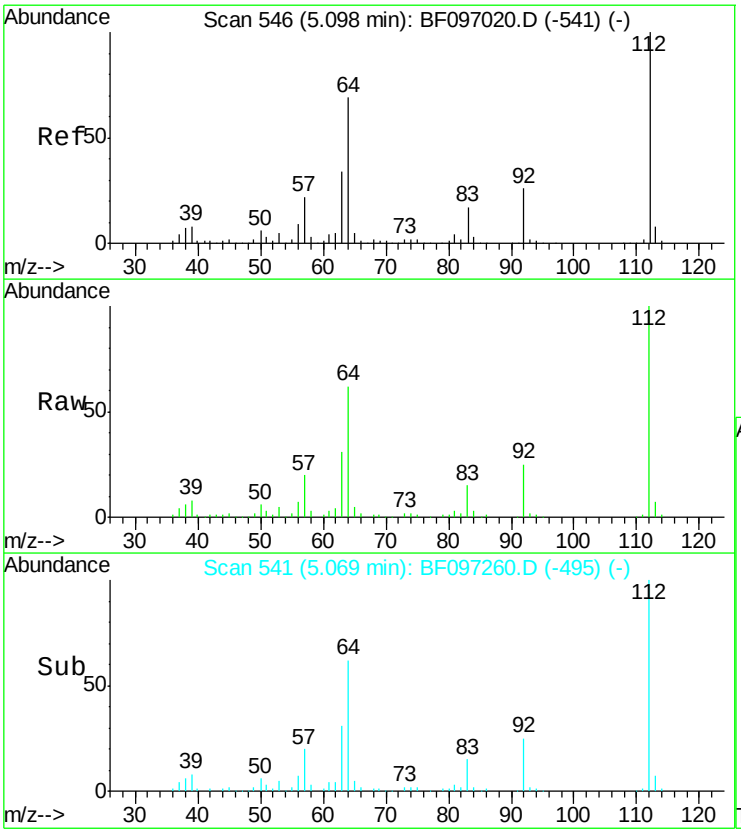
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:152 Resp: 104742

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	64.3	52.2	78.2

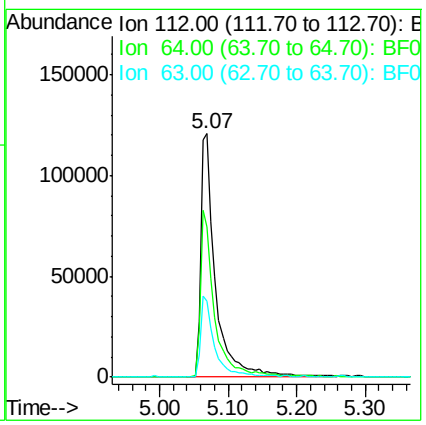


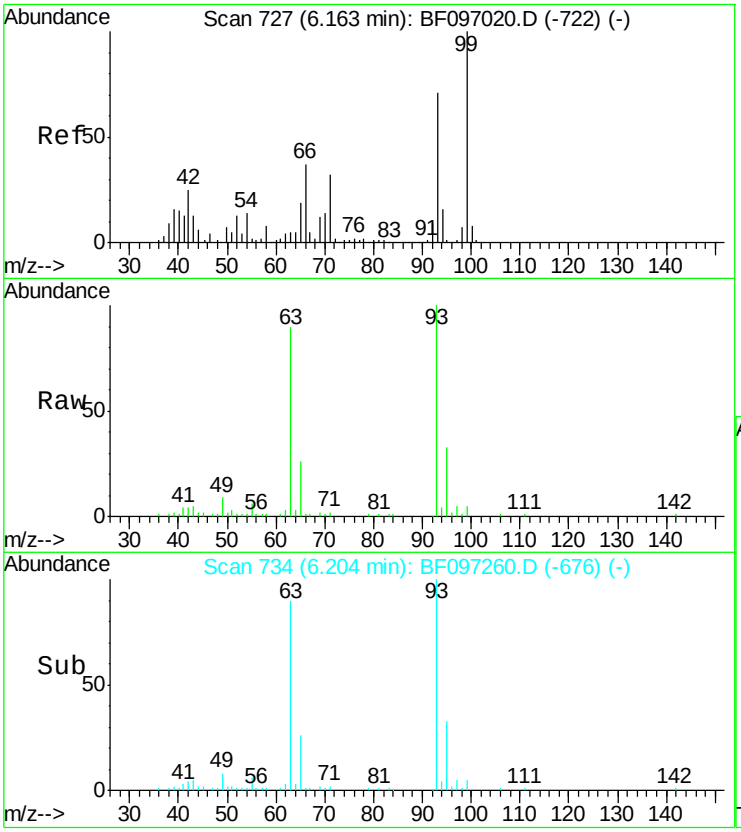


#5
2-Fluorophenol
Concen: 26.62 ng
RT: 5.07 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:112 Resp: 184992

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	31.2	23.4	35.0



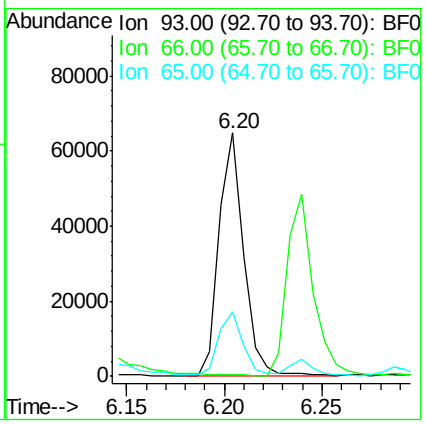


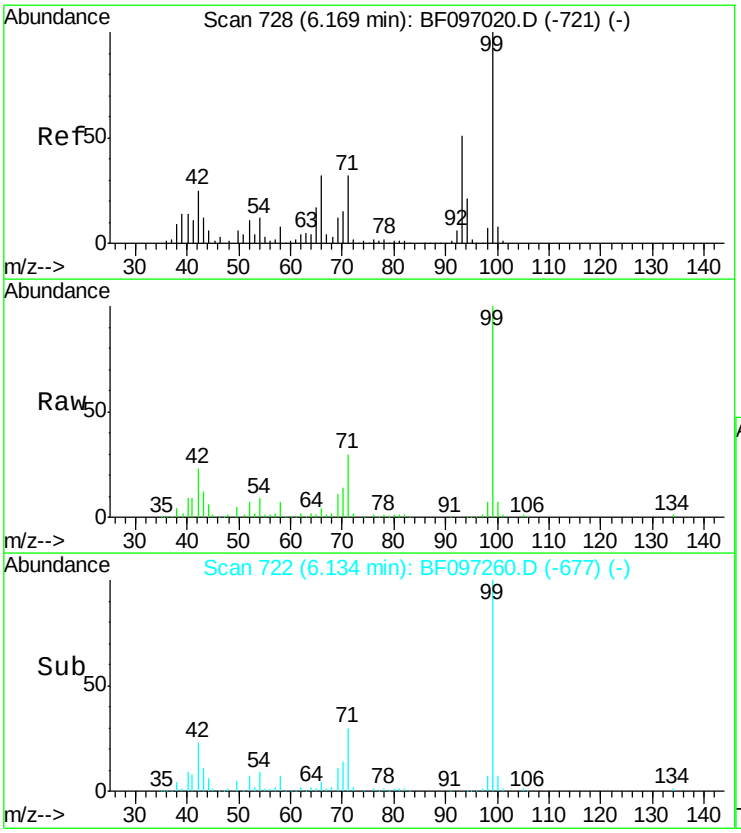
#6
Aniline
Concen: 5.74 ng
RT: 6.20 min Scan# 734
Delta R.T. 0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion: 93 Resp: 57330

Ion	Ratio	Lower	Upper
93	100		
66	0.8	32.9	49.3#
65	26.4	16.0	24.0#

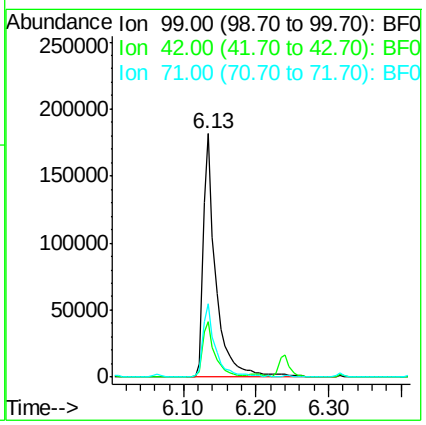


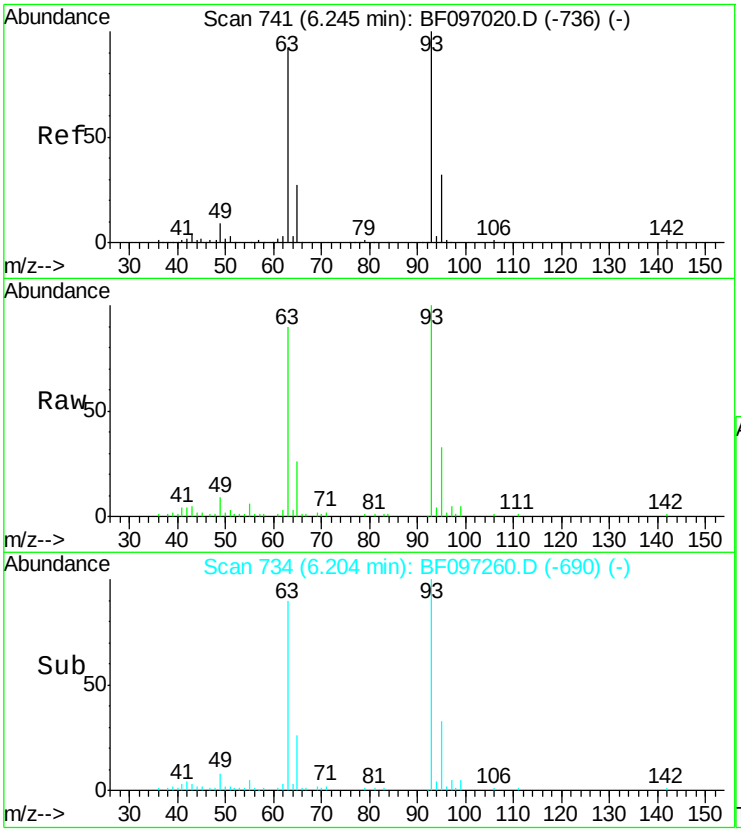


#7
Phenol-d6
Concen: 27.97 ng
RT: 6.13 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion: 99 Resp: 221830

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	30.0	24.5	36.7



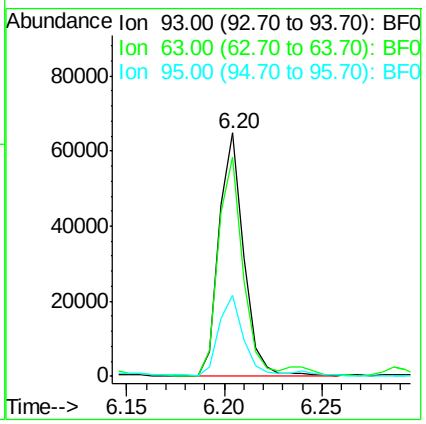


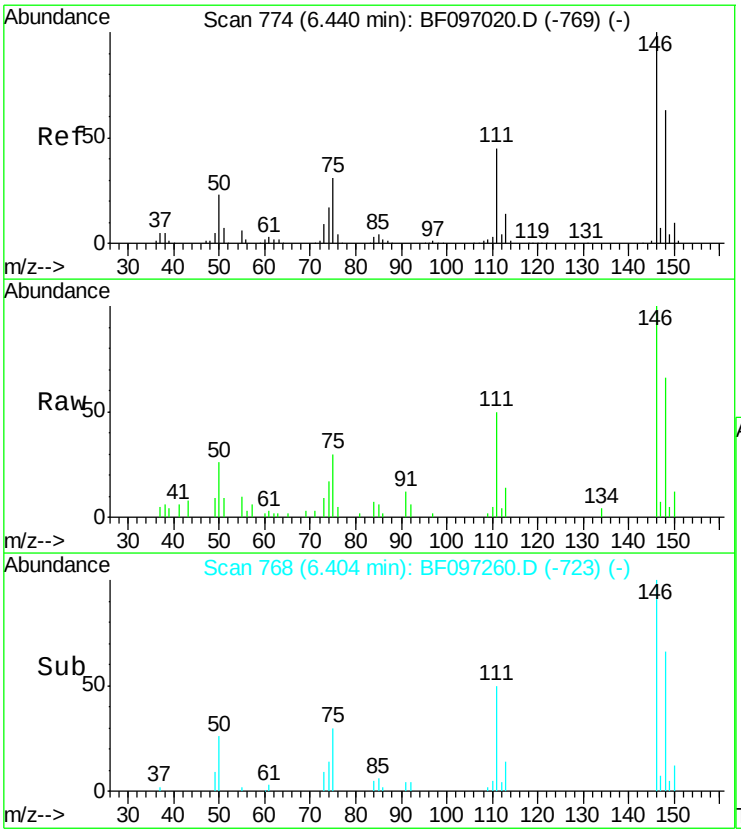
#11
bis(2-Chloroethyl)ether
Concen: 7.70 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion: 93 Resp: 57330

Ion	Ratio	Lower	Upper
93	100		
63	90.2	59.2	99.2
95	33.2	12.8	52.8

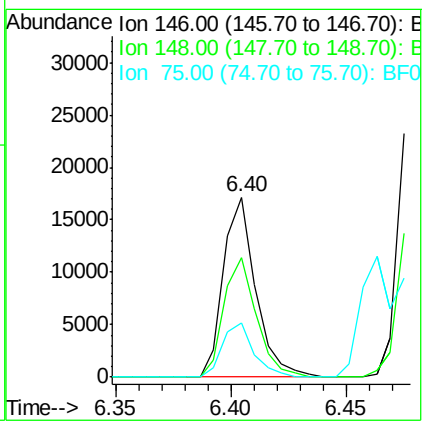


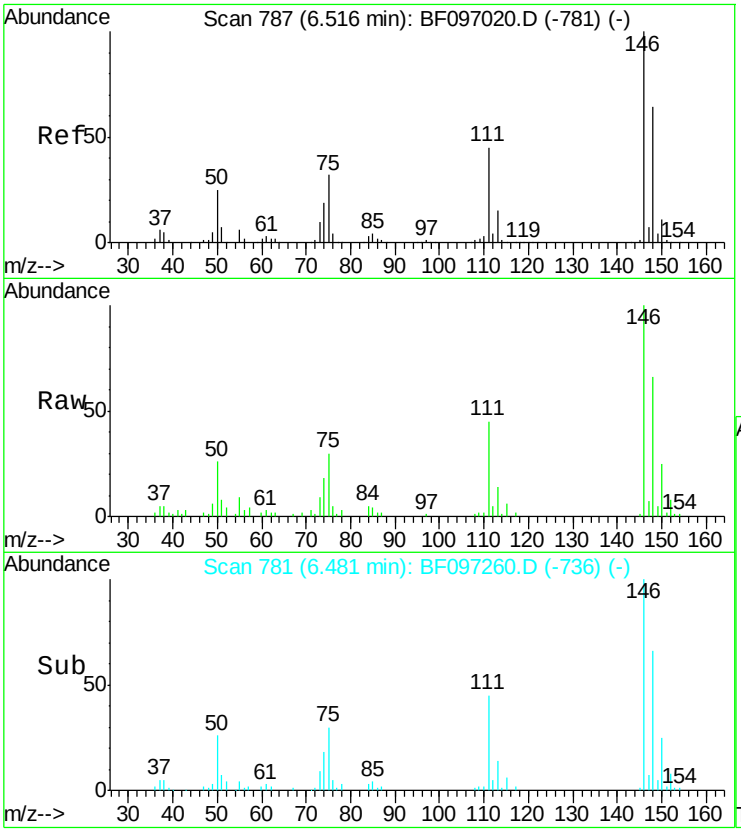


#12
1,3-Dichlorobenzene
Concen: 2.08 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:146 Resp: 16639

Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.6
75	30.2	23.1	34.7



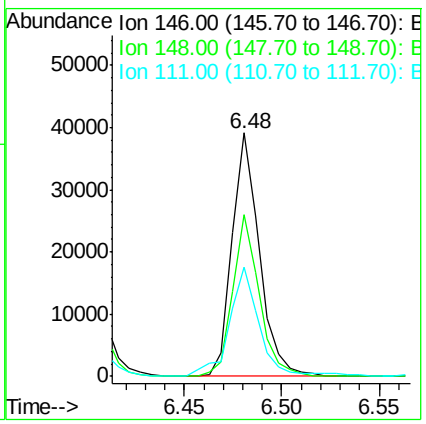


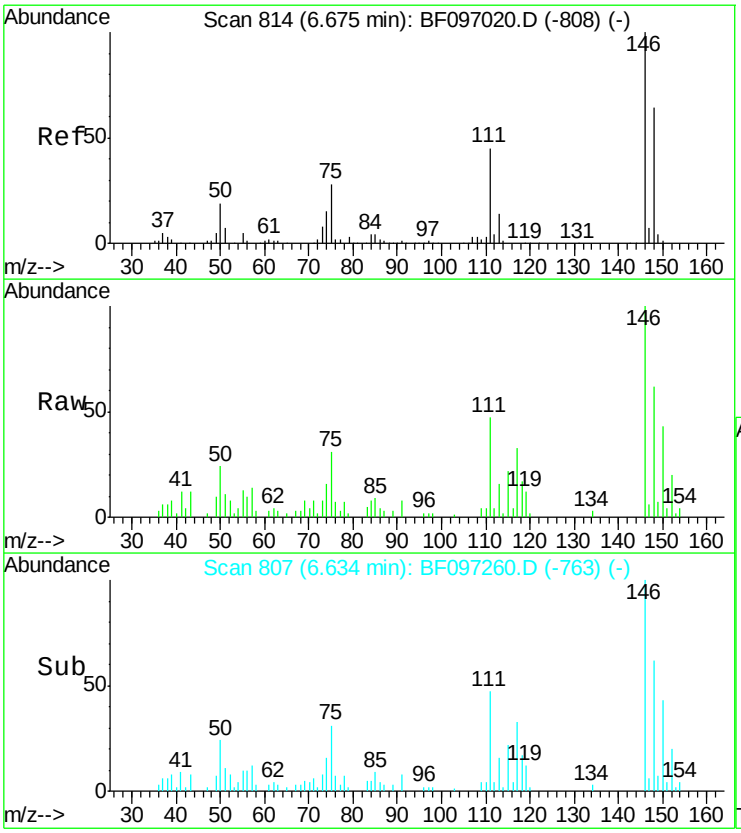
#13
1,4-Dichlorobenzene
Concen: 4.80 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:146 Resp: 38061

Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.2	78.2
111	45.1	30.3	45.5

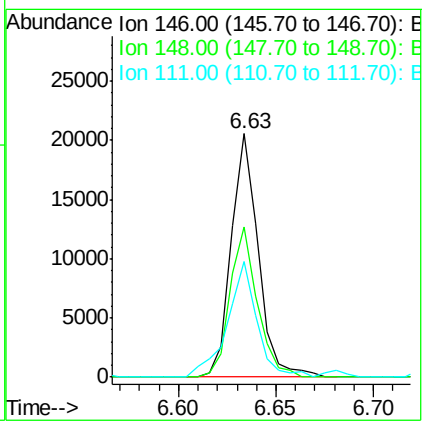


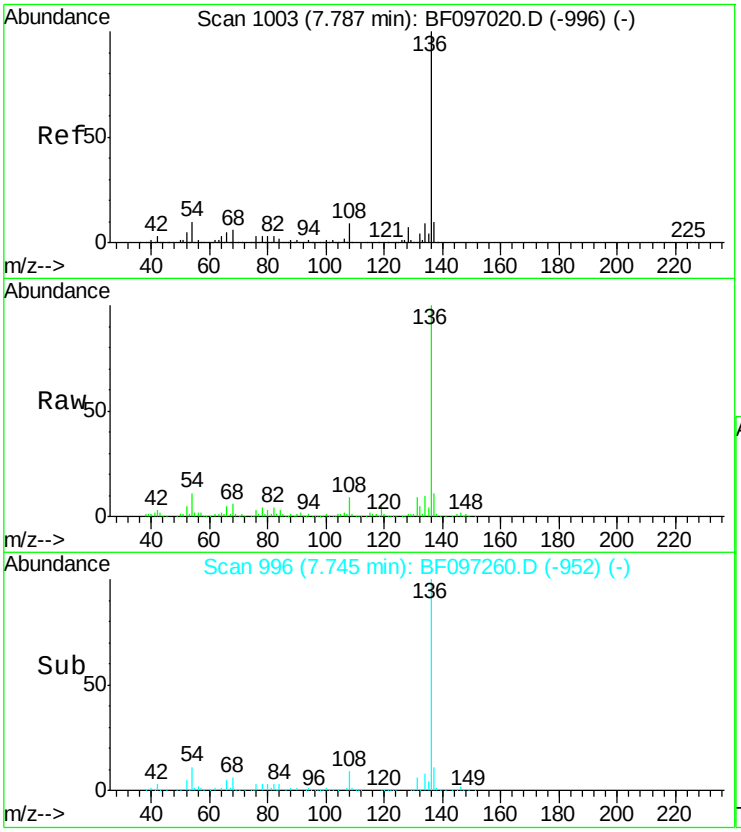


#14
1,2-Dichlorobenzene
Concen: 2.84 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:146 Resp: 19688

Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.4	75.6
111	47.3	38.2	57.4



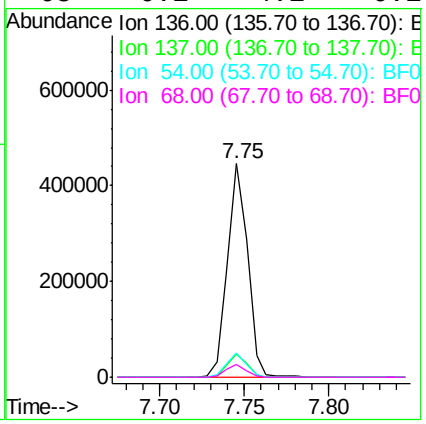


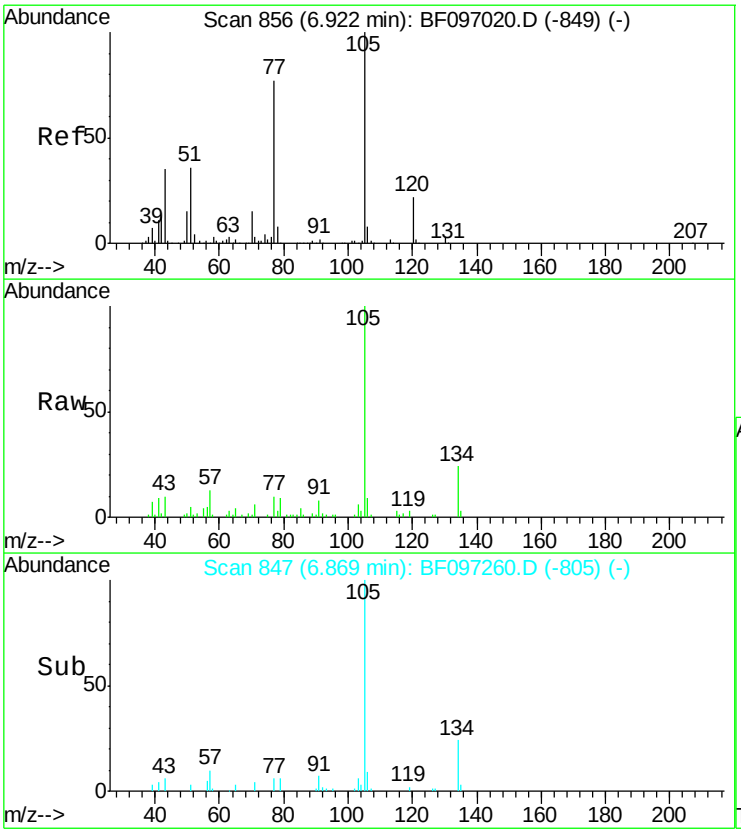
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:136 Resp: 368323

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.3	4.9	7.3#
68	6.1	4.1	6.1

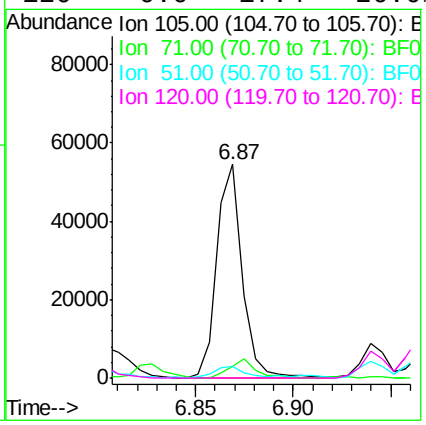


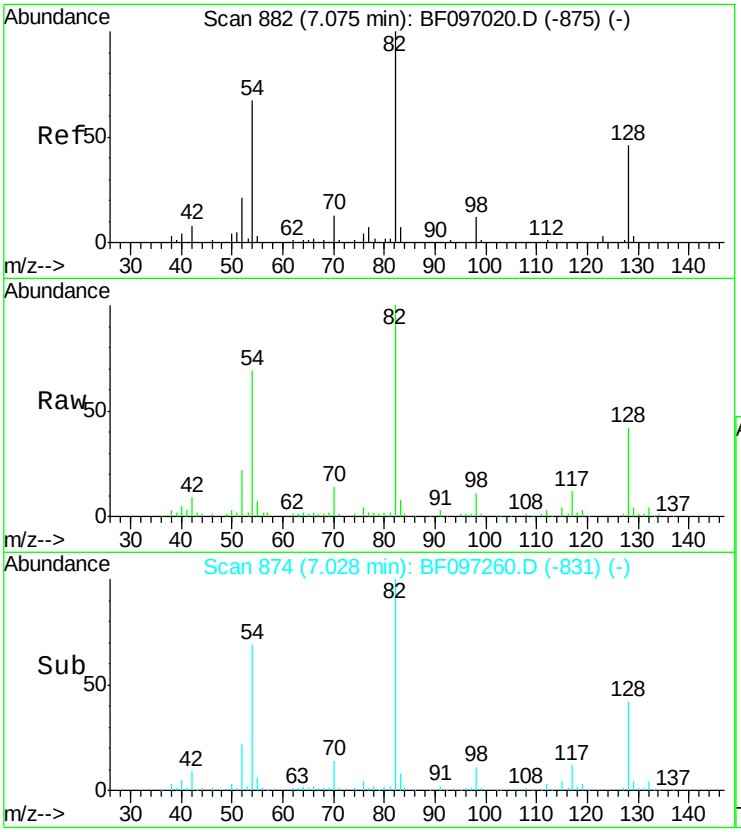


#22
Acetophenone
Concen: 5.61 ng
RT: 6.87 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:105 Resp: 49595

Ion	Ratio	Lower	Upper
105	100		
71	5.6	2.8	4.2#
51	5.4	30.7	46.1#
120	0.0	17.4	26.0#



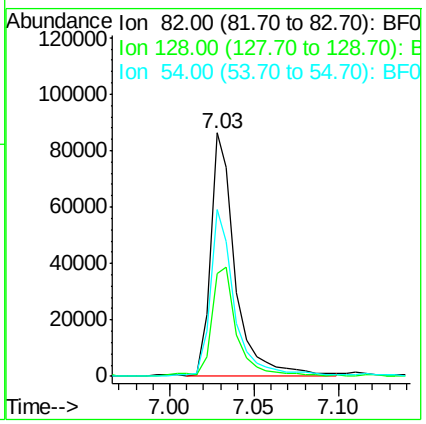


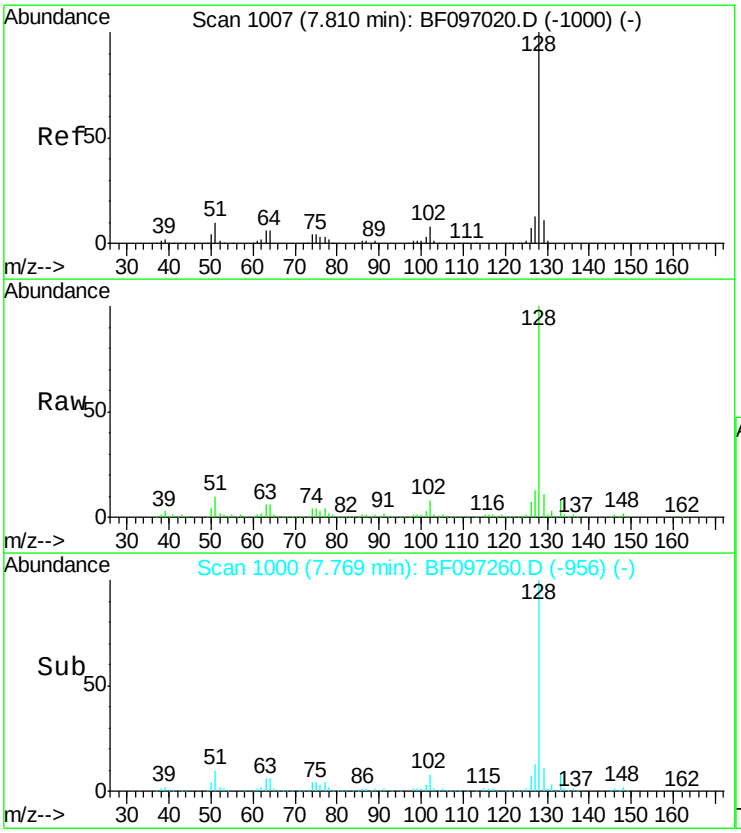
#23
Nitrobenzene-d5
Concen: 14.14 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.05 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion: 82 Resp: 88769

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	68.6	42.2	63.2#

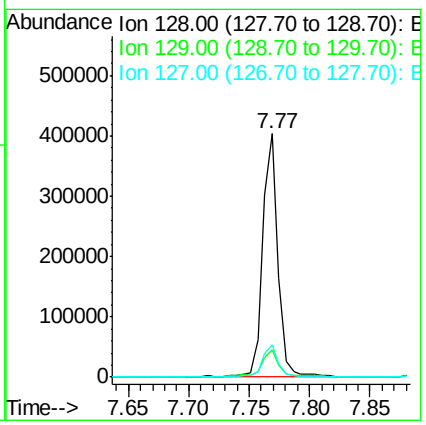


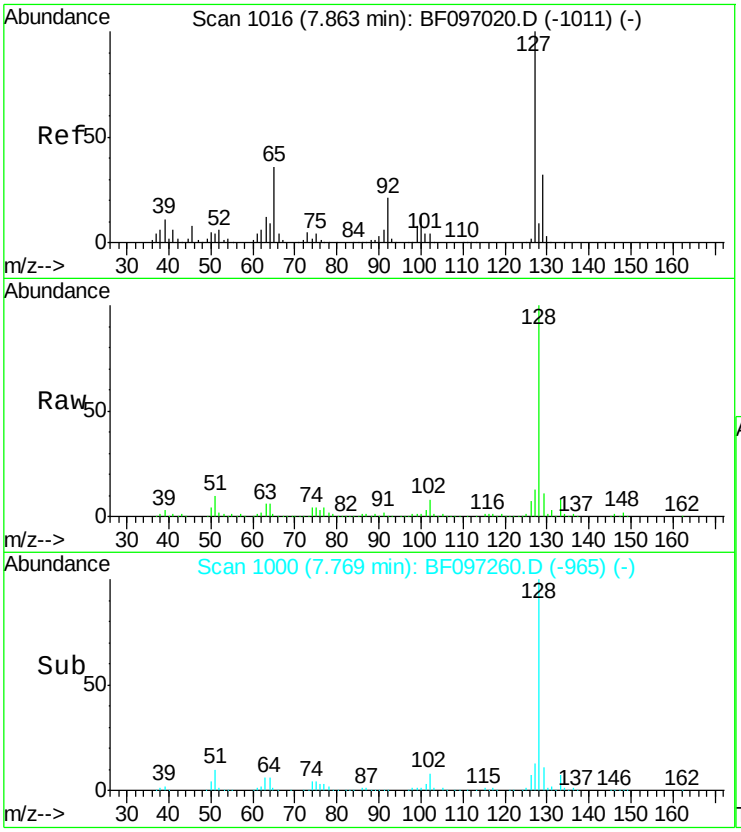


#31
Naphthalene
Concen: 20.56 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:128 Resp: 357027

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.8	16.2



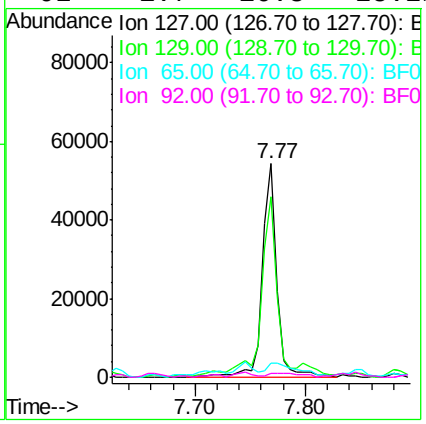


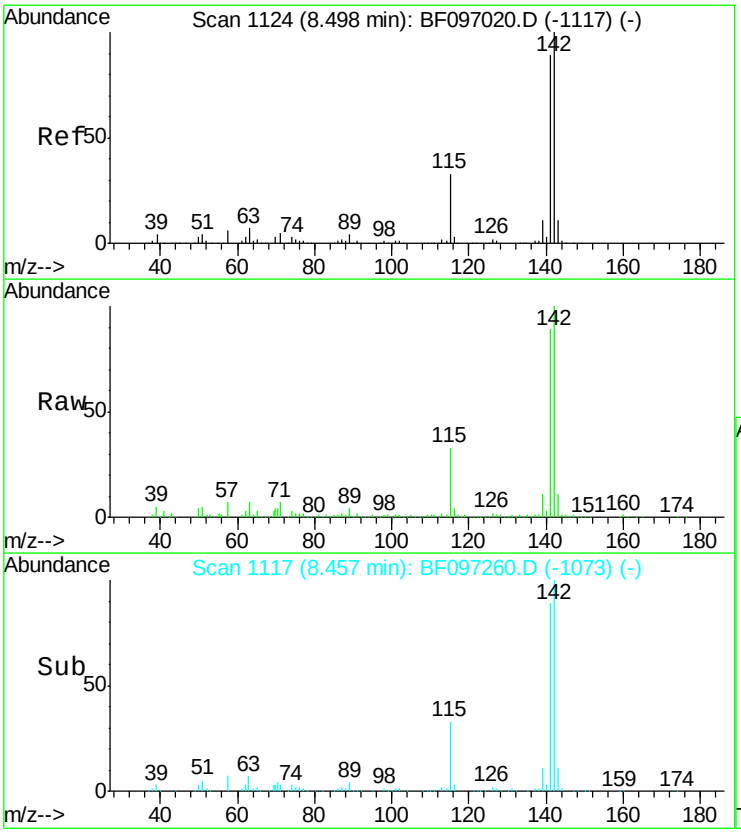
#33
4-Chloroaniline
Concen: 7.15 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.09 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:127 Resp: 50480

Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.2	39.2#
65	6.5	27.8	41.8#
92	1.7	16.8	25.2#

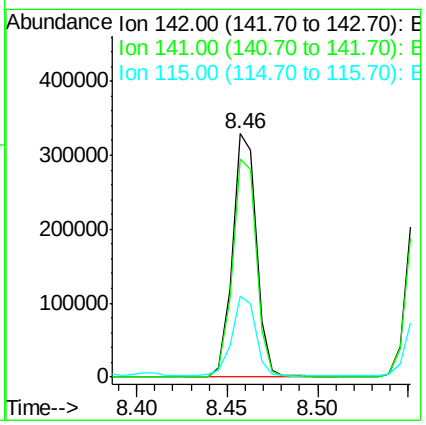


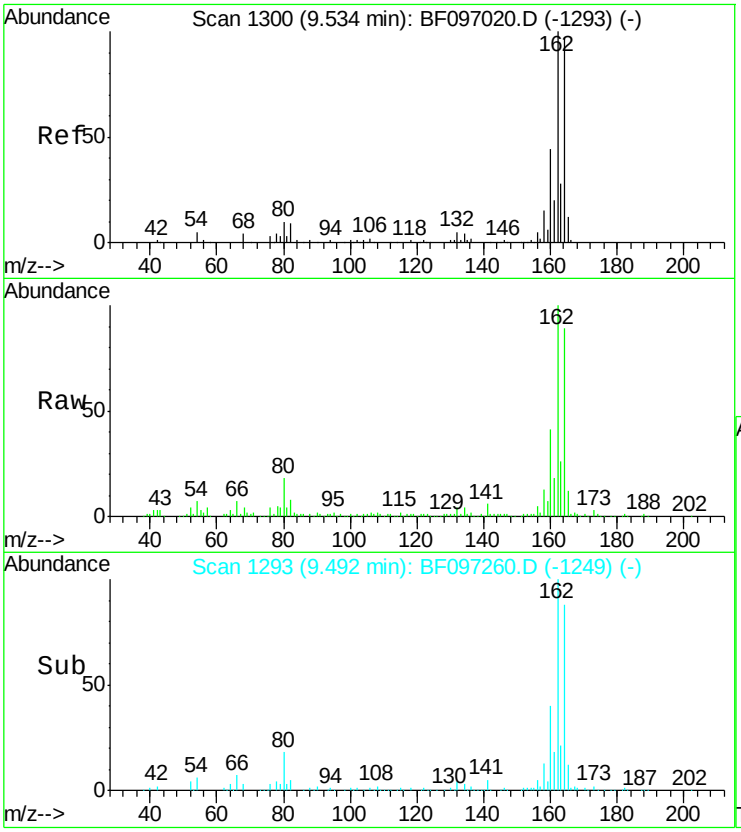


#37
2-Methylnaphthalene
Concen: 27.62 ng
RT: 8.46 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:142 Resp: 303681

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	33.3	27.1	40.7



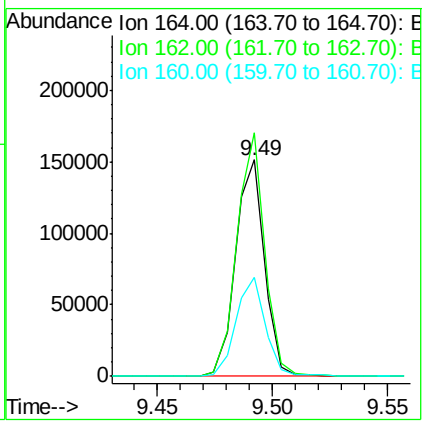


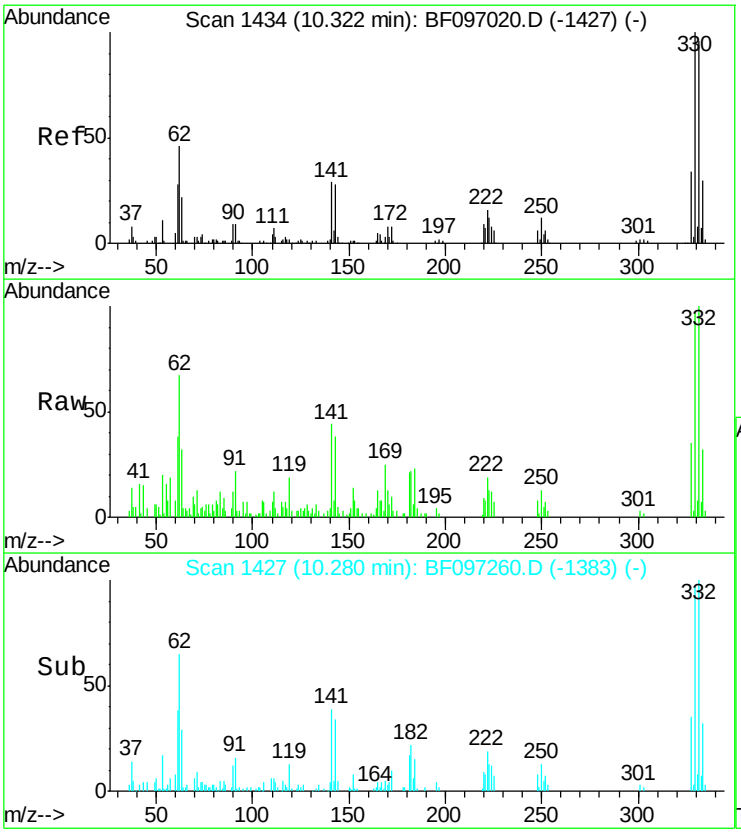
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:164 Resp: 131569

Ion	Ratio	Lower	Upper
164	100		
162	112.5	82.6	123.8
160	45.9	36.2	54.2

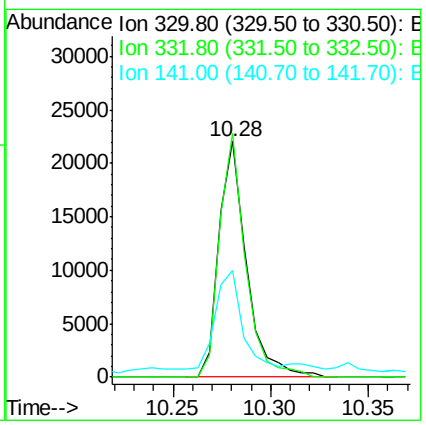


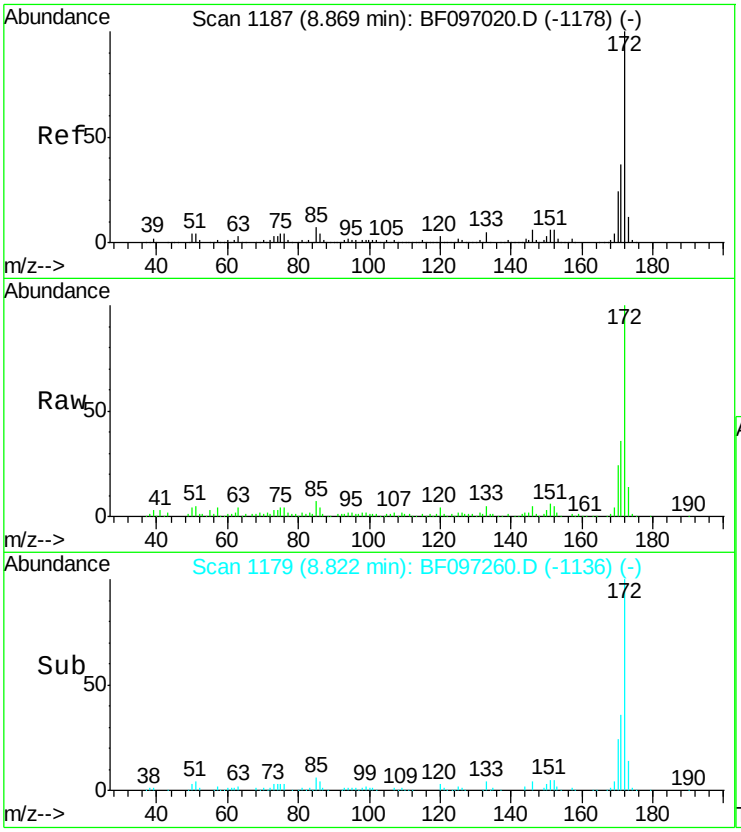


#41
2,4,6-Tribromophenol
Concen: 20.80 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:330 Resp: 21626

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	48.2	31.4	47.2#



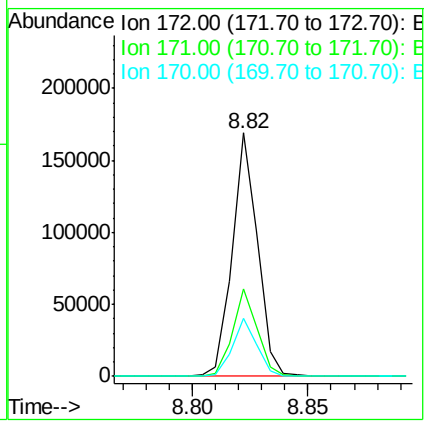


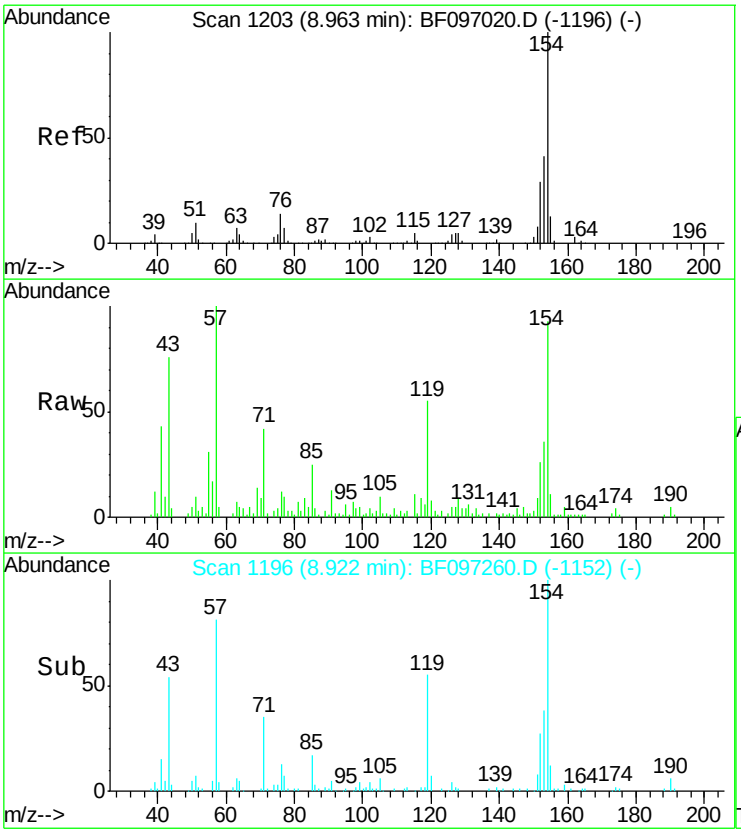
#44
2-Fluorobiphenyl
Concen: 16.68 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:172 Resp: 129339

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8

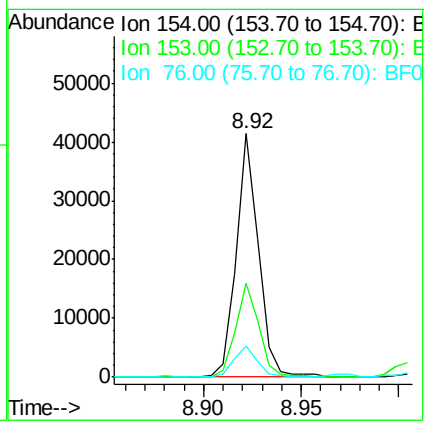


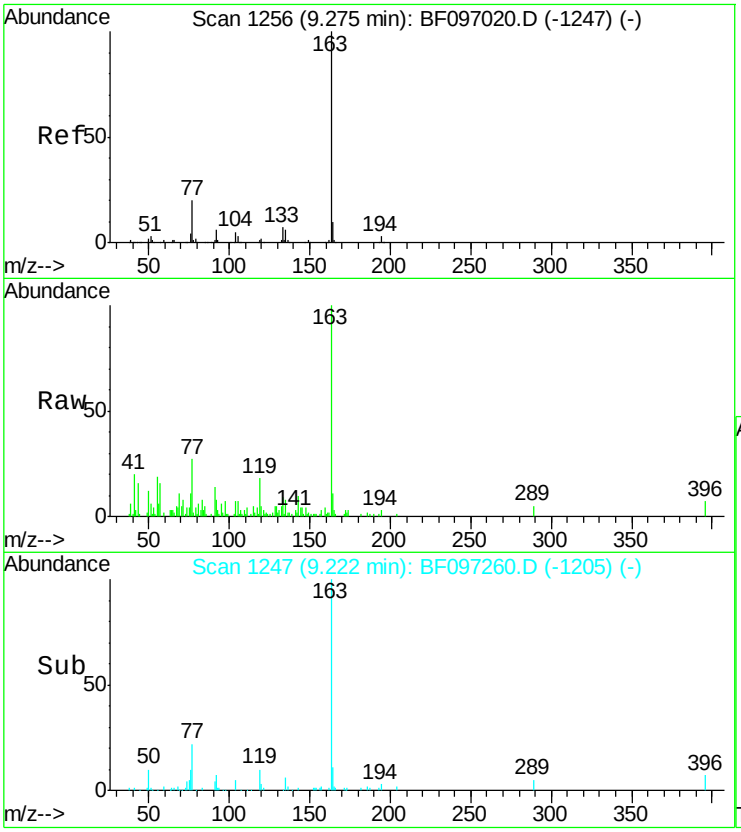


#45
1,1'-Biphenyl
Concen: 2.91 ng
RT: 8.92 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:154 Resp: 32655

Ion	Ratio	Lower	Upper
154	100		
153	38.4	21.2	61.2
76	12.9	0.0	29.9



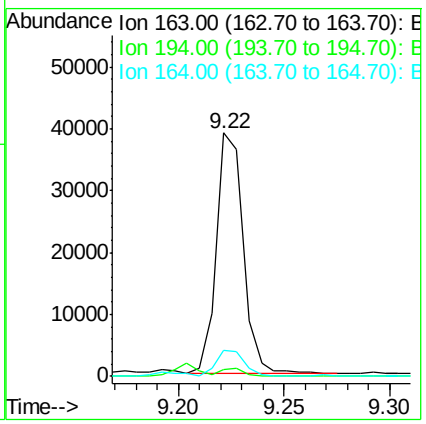


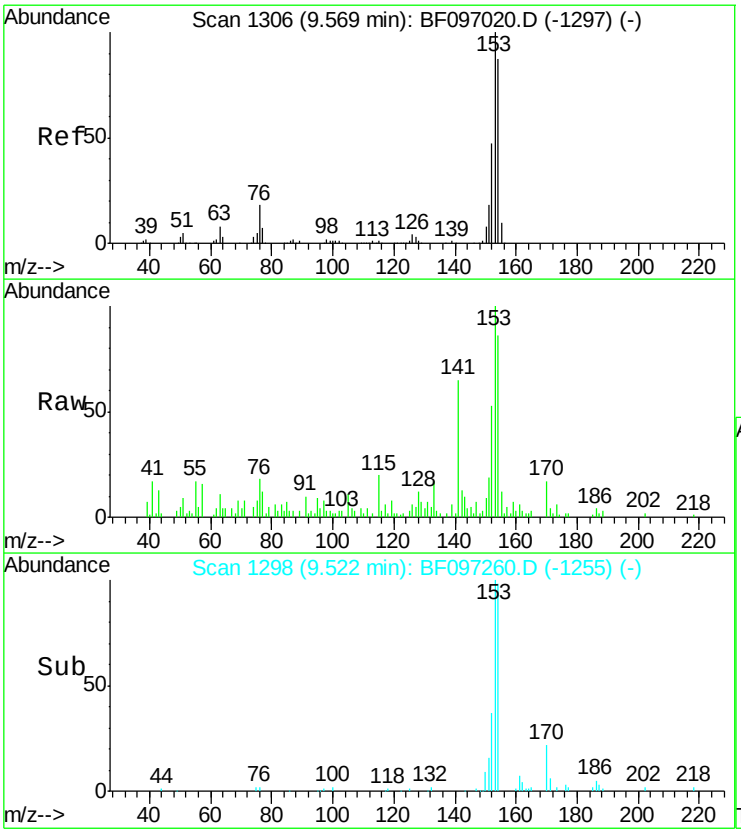
#49
Dimethylphthalate
Concen: 3.43 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:163 Resp: 34284

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.9	8.4	12.6

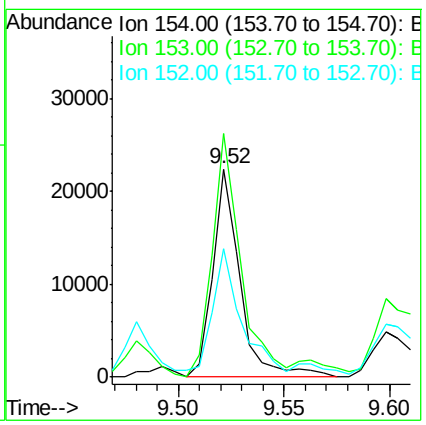


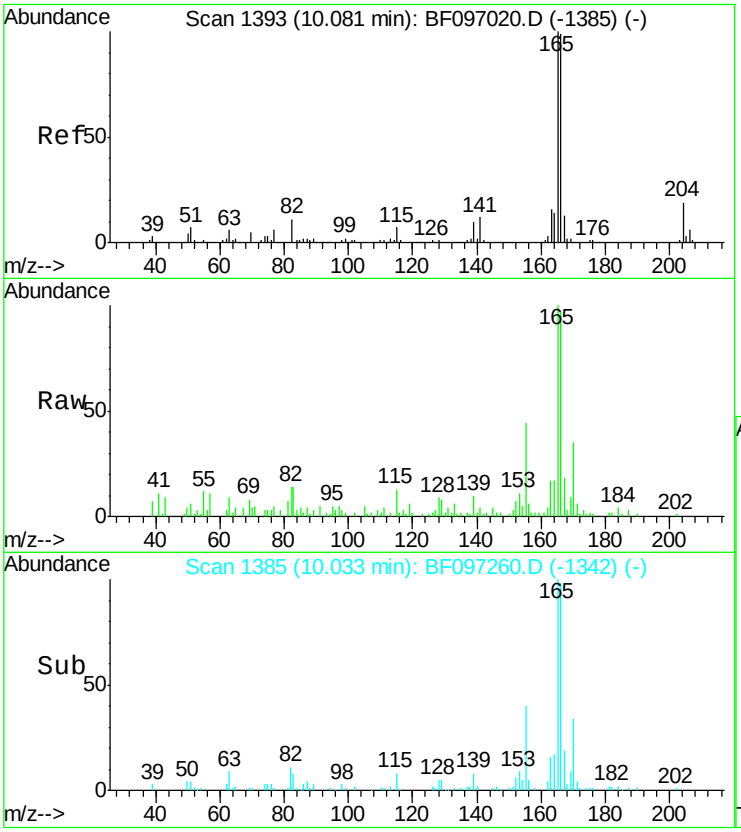


#51
Acenaphthene
Concen: 2.68 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.05 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:154 Resp: 20042

Ion	Ratio	Lower	Upper
154	100		
153	117.0	90.5	135.7
152	61.8	43.6	65.4



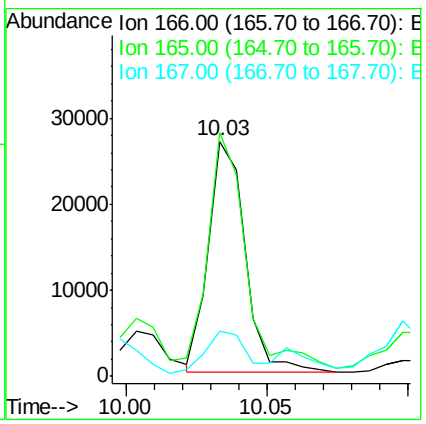


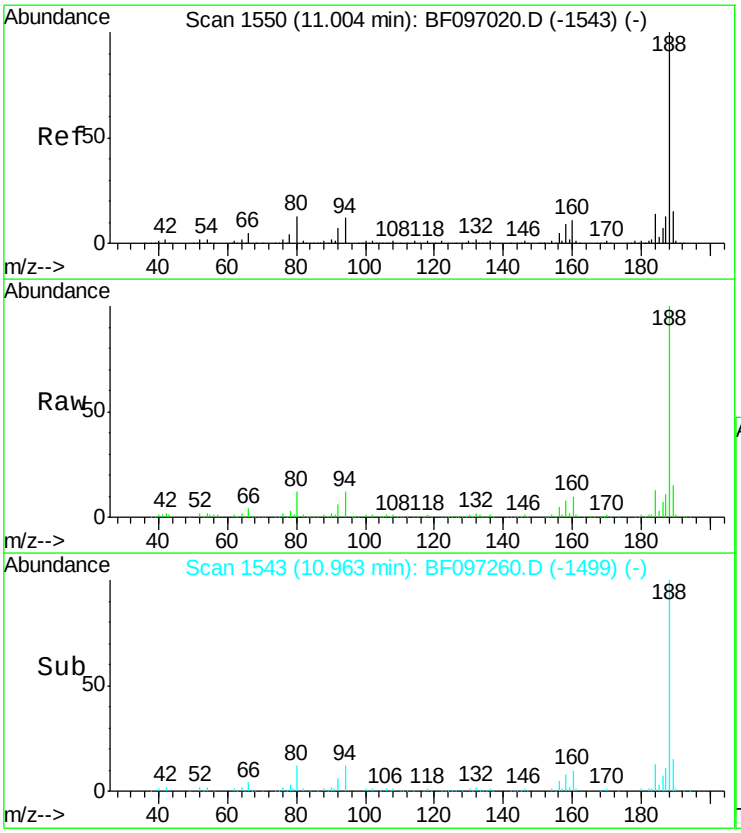
#57
Fluorene
Concen: 3.27 ng
RT: 10.03 min Scan# 1385
Delta R.T. -0.05 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:166 Resp: 24461

Ion	Ratio	Lower	Upper
166	100		
165	103.6	78.8	118.2
167	19.1	10.6	16.0#

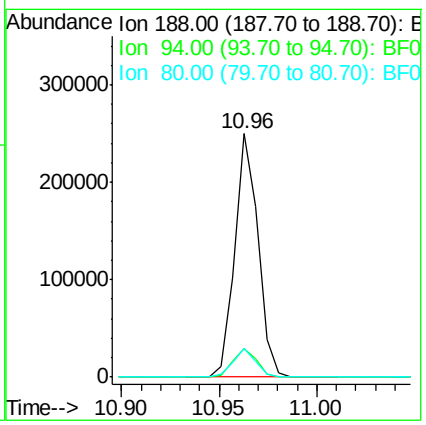


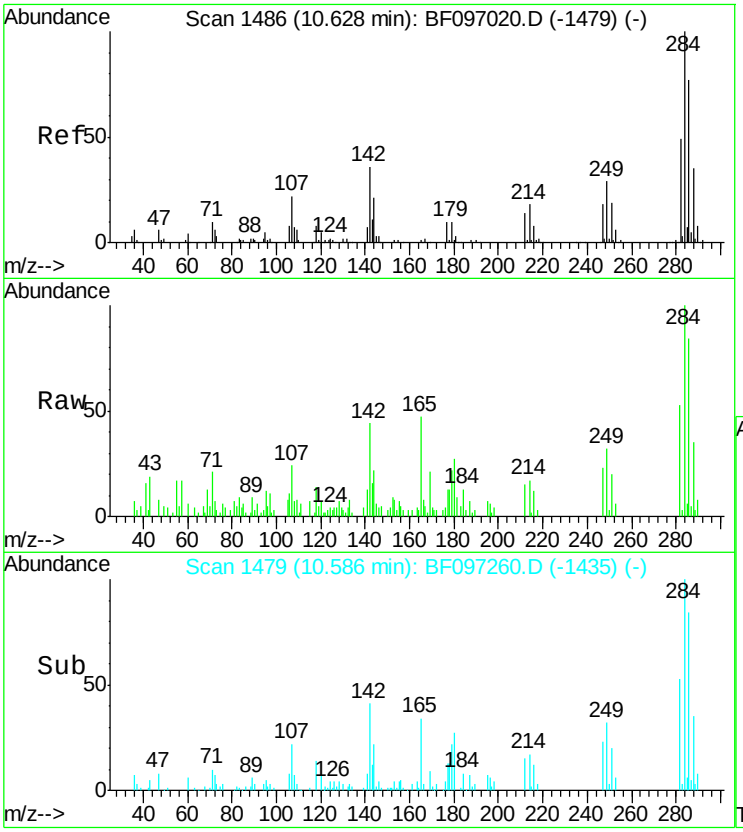


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:188 Resp: 205938

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.9	10.2	15.2



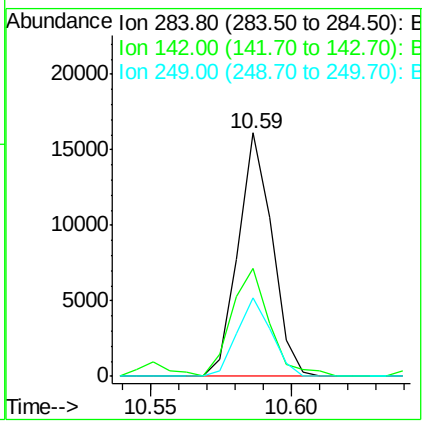


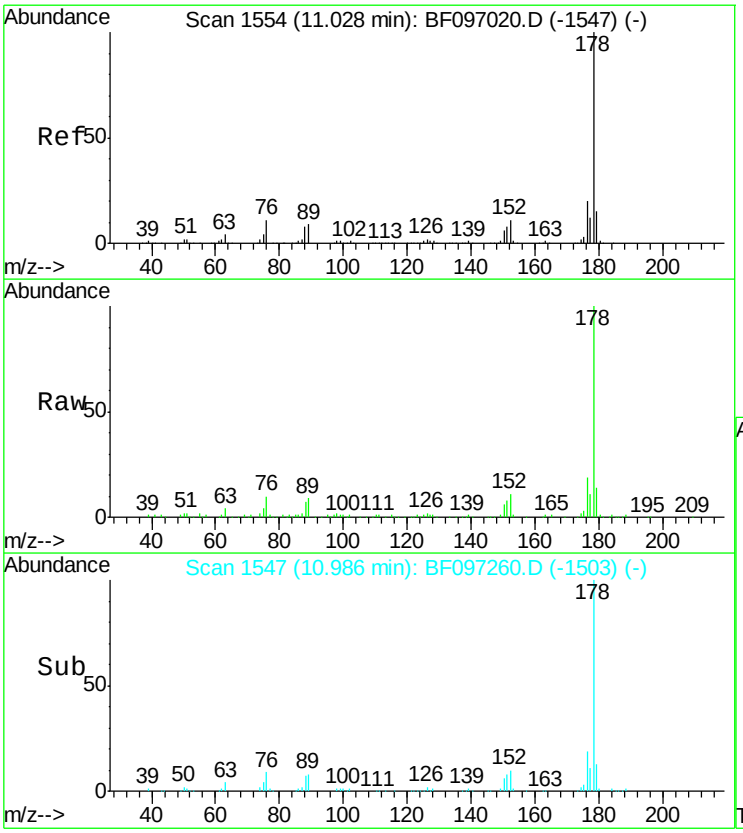
#67
Hexachlorobenzene
Concen: 5.86 ng
RT: 10.59 min Scan# 1479
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:284 Resp: 13510

Ion	Ratio	Lower	Upper
284	100		
142	44.1	22.8	34.2#
249	32.0	24.0	36.0

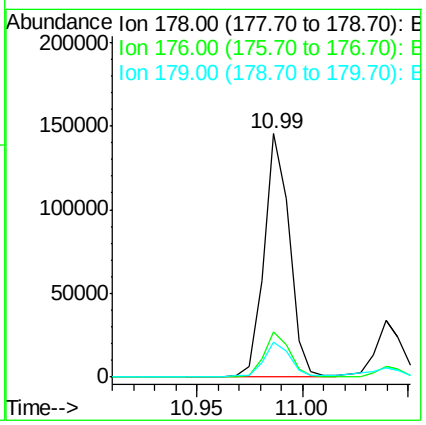


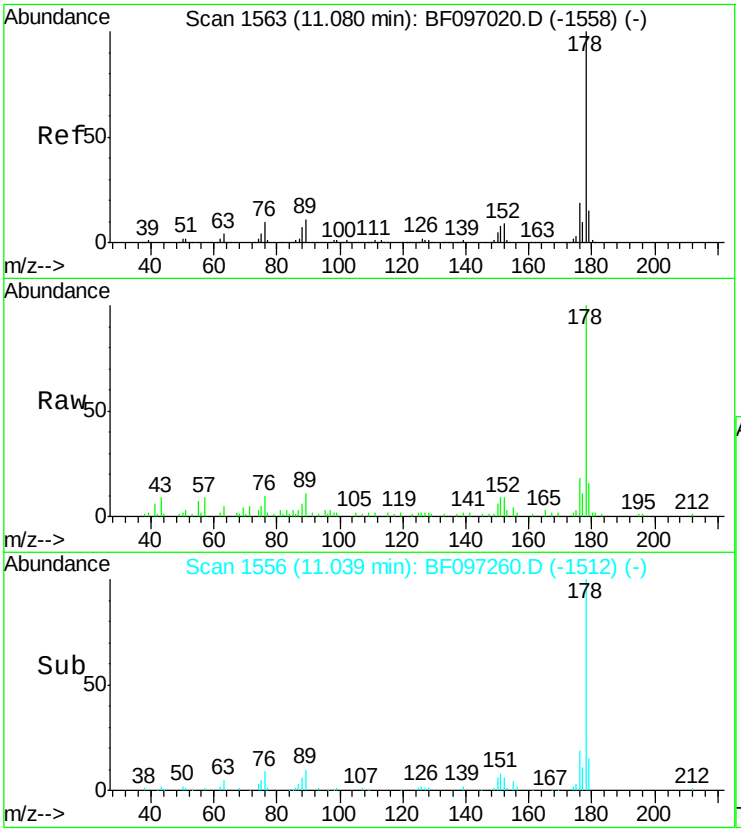


#70
Phenanthrene
Concen: 11.05 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:178 Resp: 121882

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.3	12.6	19.0



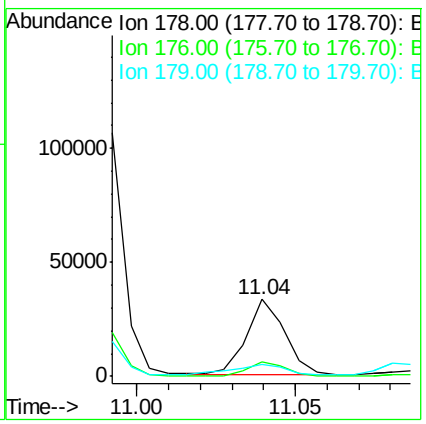


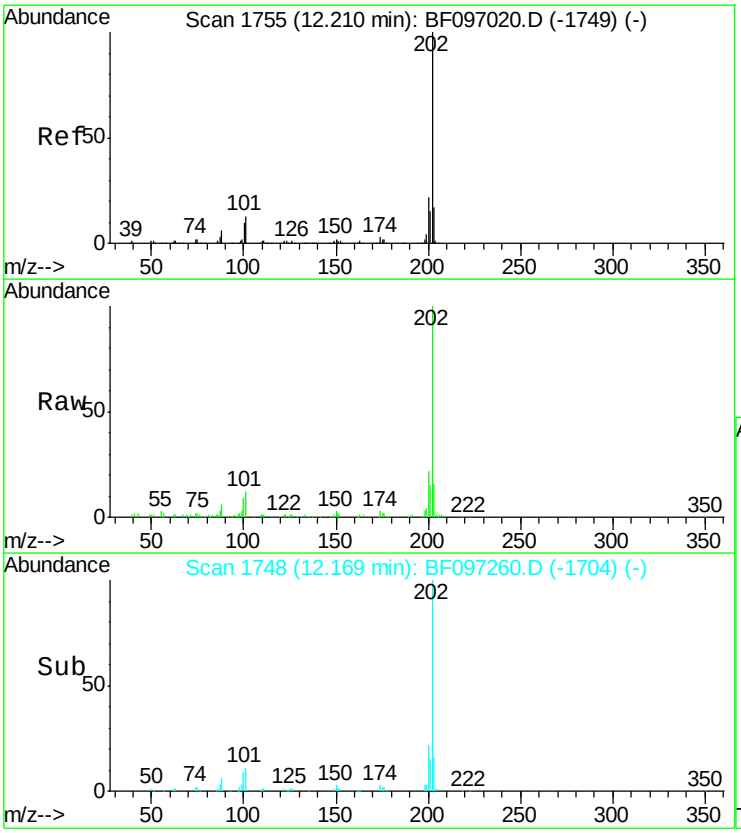
#71
Anthracene
Concen: 2.48 ng
RT: 11.04 min Scan# 1556
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:178 Resp: 28080

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.8	12.7	19.1

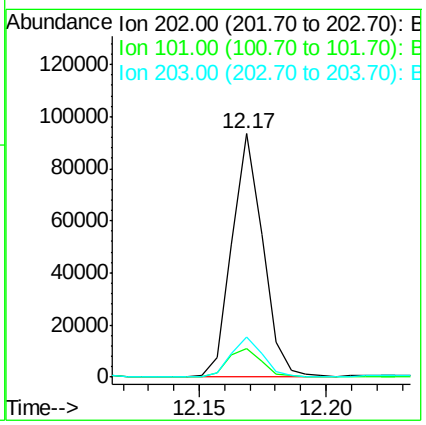


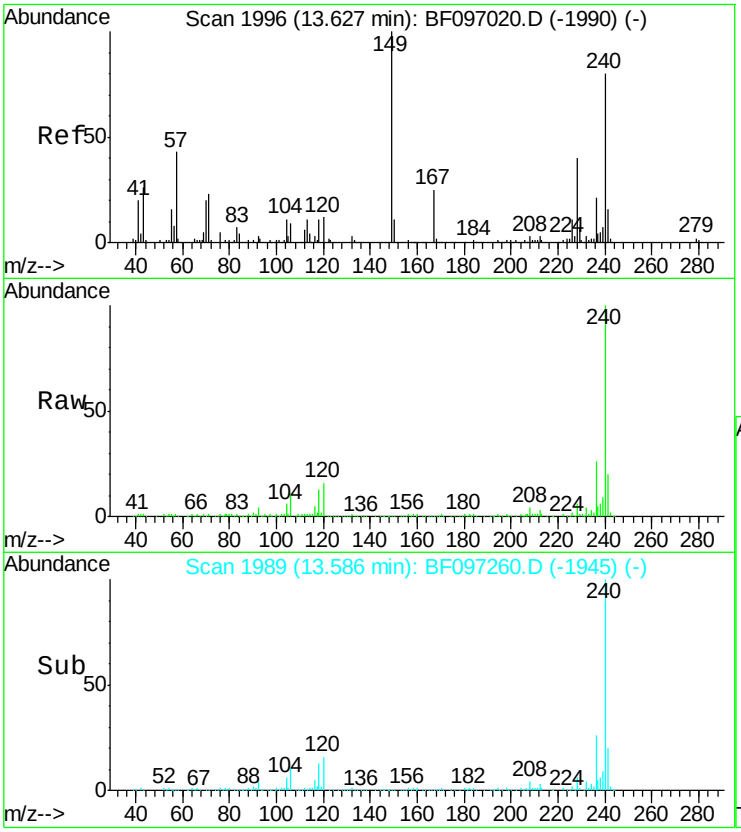


#74
Fluoranthene
Concen: 7.33 ng
RT: 12.17 min Scan# 1748
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:202 Resp: 79286

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.2
203	16.4	0.0	38.1



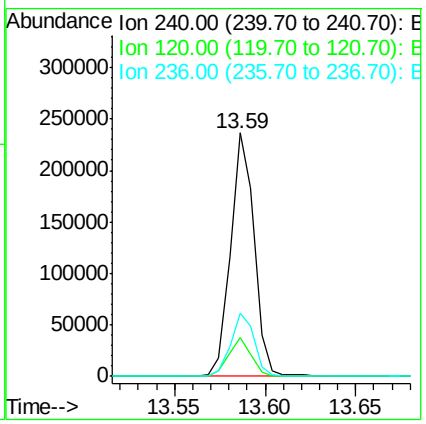


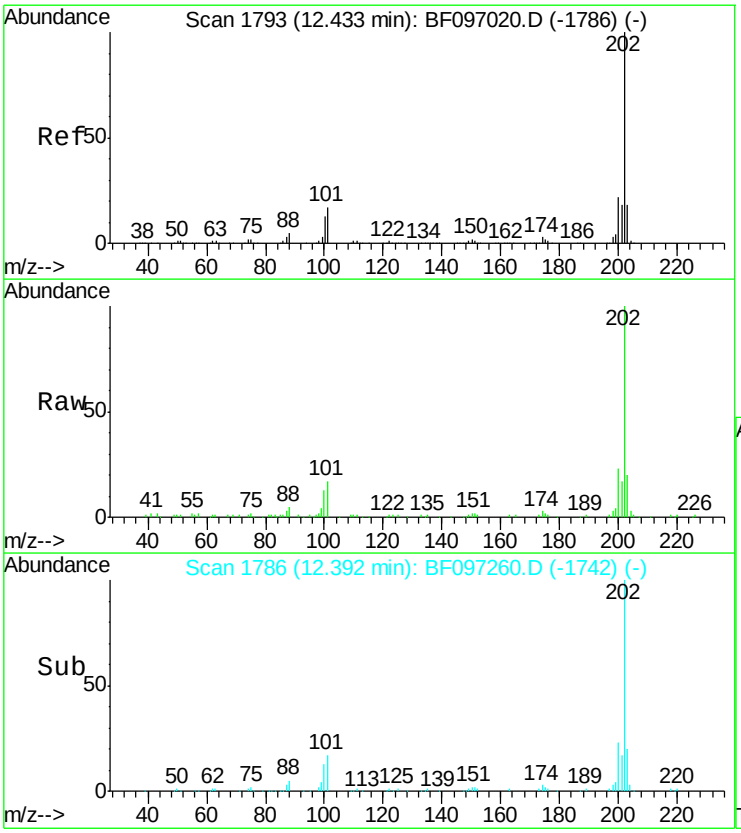
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:240 Resp: 213902

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	26.2	20.5	30.7

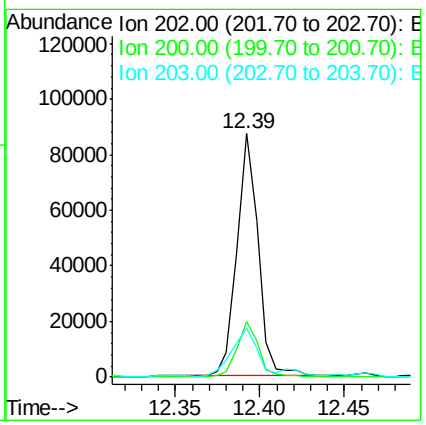


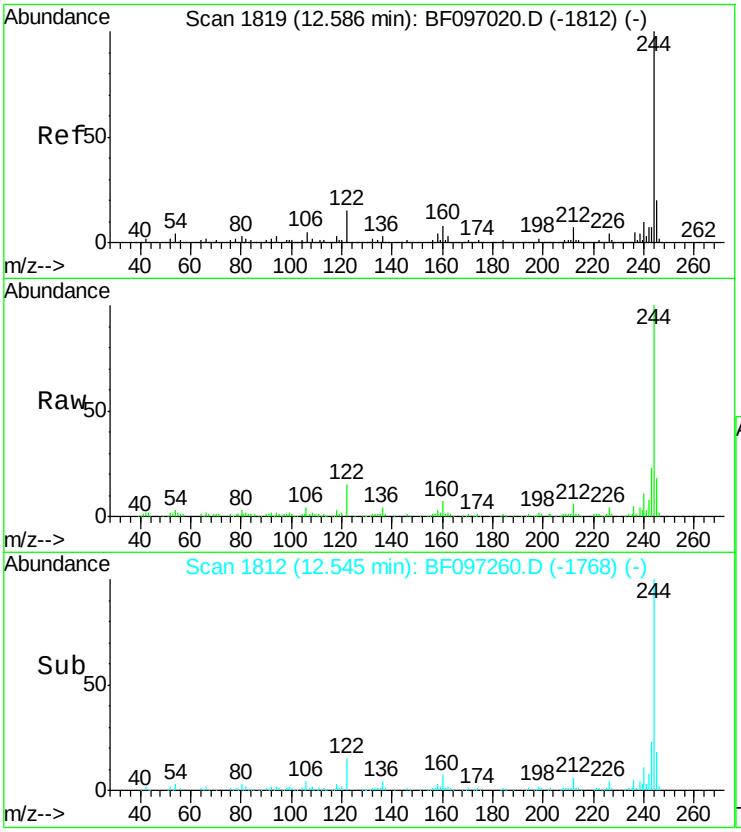


#77
Pyrene
Concen: 4.36 ng
RT: 12.39 min Scan# 1786
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:202 Resp: 76392

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	20.4	14.4	21.6



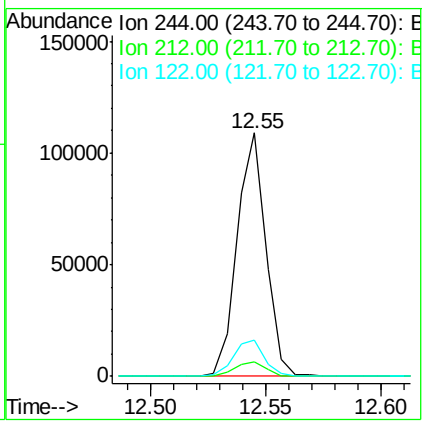


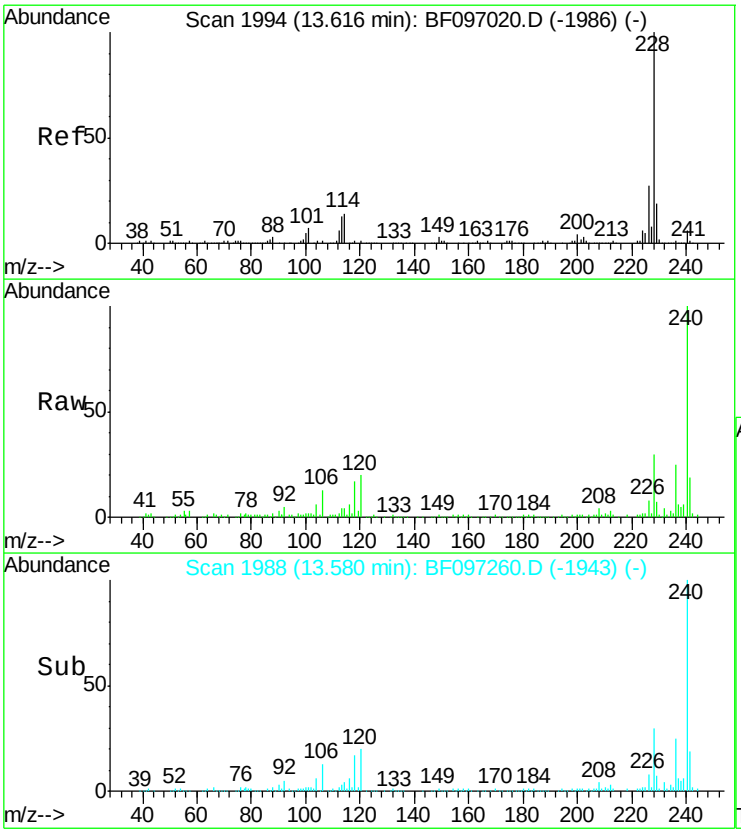
#78
Terphenyl-d14
Concen: 9.01 ng
RT: 12.55 min Scan# 1812
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:244 Resp: 94515

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	14.7	10.3	15.5

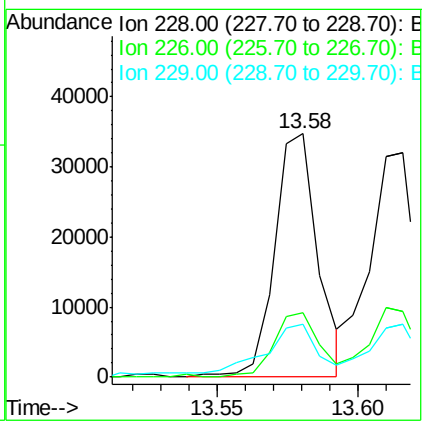


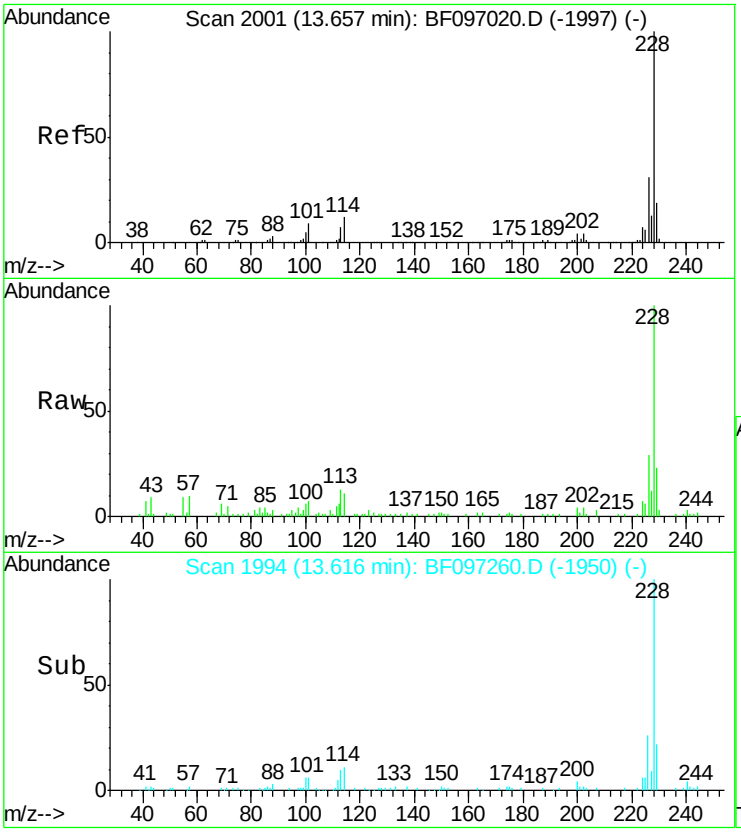


#80
Benzo(a)anthracene
Concen: 2.66 ng
RT: 13.58 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:228 Resp: 36750

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	21.9	16.3	24.5



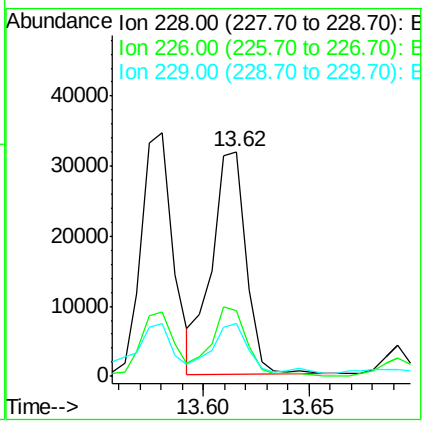


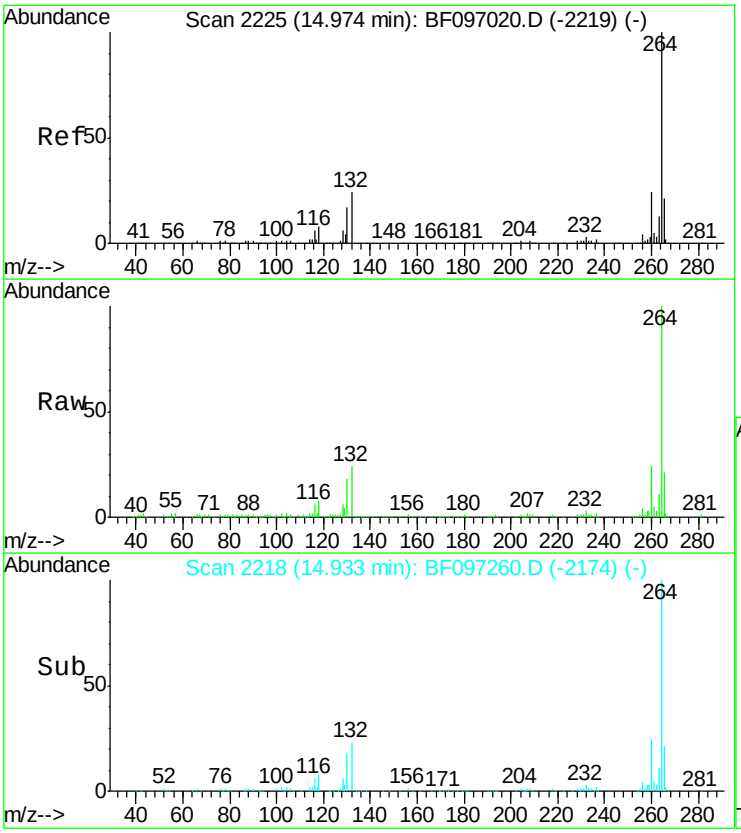
#82
Chrysene
Concen: 2.68 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:228 Resp: 36204

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	23.3	15.8	23.6

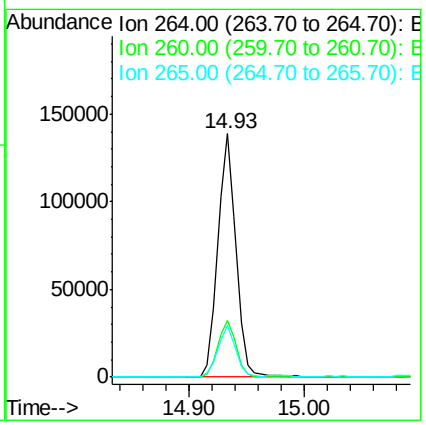


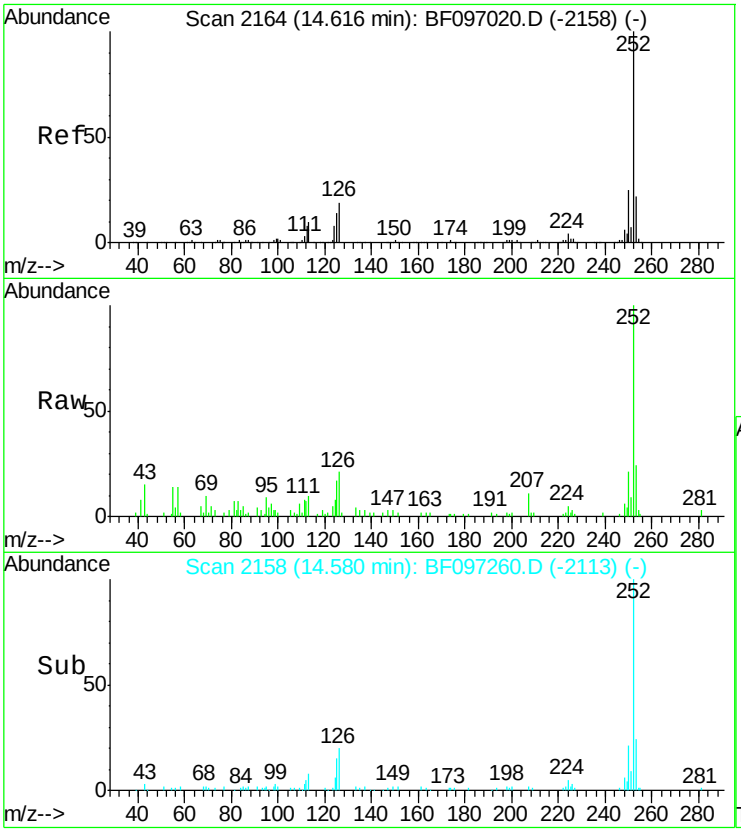


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:264 Resp: 150904

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8



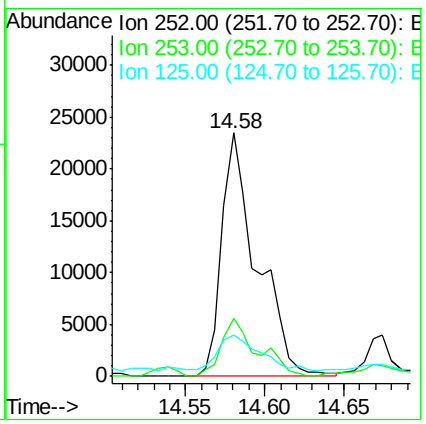


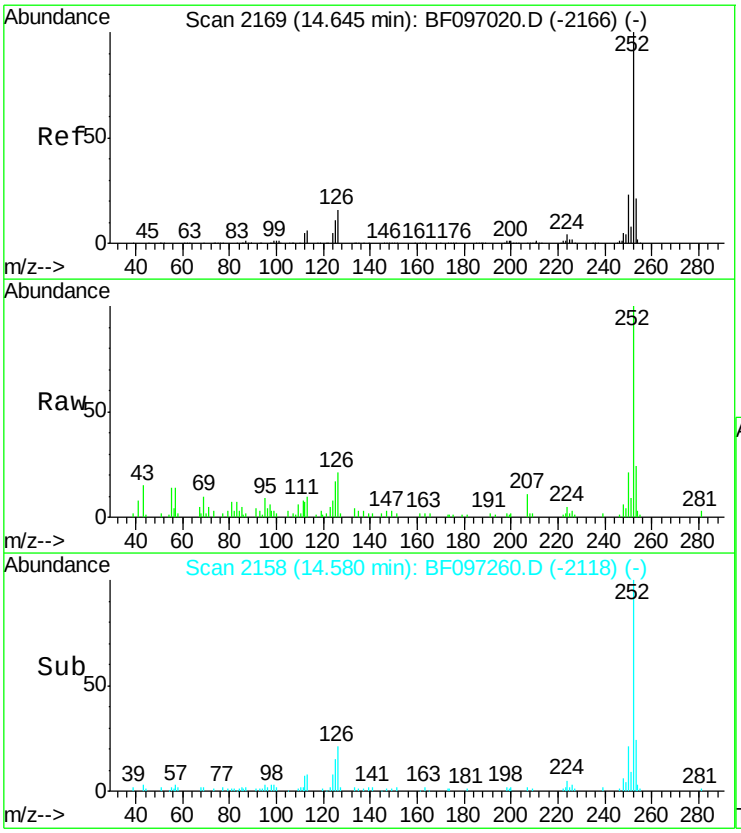
#87
Benzo(b)fluoranthene
Concen: 4.01 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:252 Resp: 36391

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	17.1	9.8	14.8#

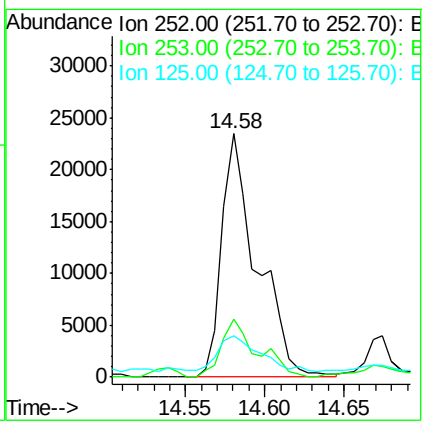


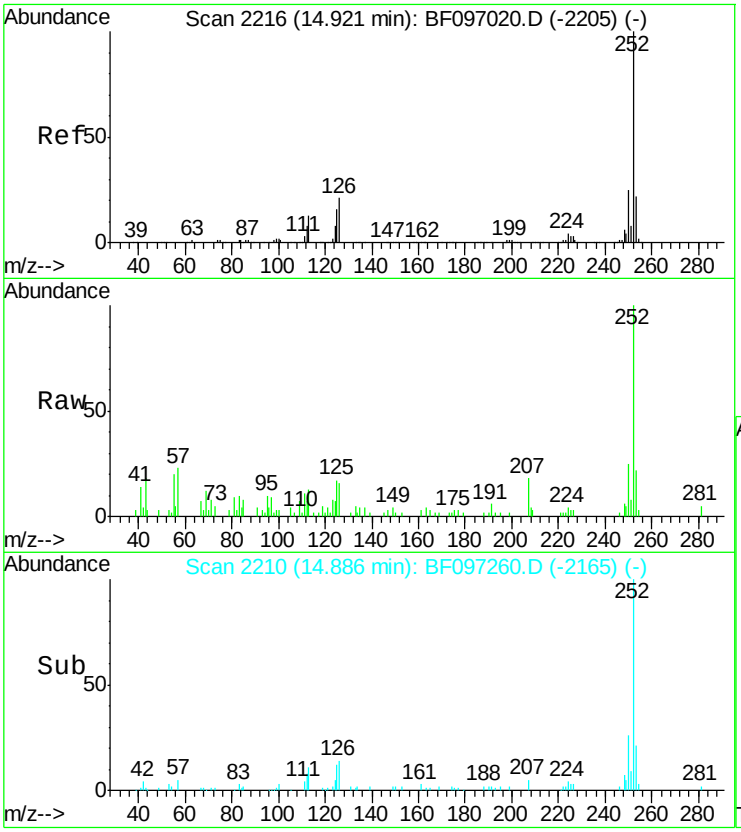


#88
Benzo(k)fluoranthene
Concen: 4.21 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.06 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Tgt Ion:252 Resp: 36391

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	17.1	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.29 ng
RT: 14.89 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF097260.D
Acq: 2 Aug 2017 7:55

Instrument :
BNA_F
ClientSampleId :
E2-N8-BASE

Tgt Ion:252 Resp: 18997

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	17.3	11.0	16.4#