Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Time: Jul 24 14:00:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	115904	20.00	ng		-0.06
21) Naphthalene-d8	7.82	136	491333	20.00	ng		-0.06
38) Acenaphthene-d10	9.57	164	191366	20.00	ng		-0.06
63) Phenanthrene-d10	11.05	188	329668	20.00	ng		-0.06
75) Chrysene-d12	13.67	240	274448	20.00	ng		-0.06
86) Perylene-d12	15.03	264	198181	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	883812	114.65	ng		-0.04
7) Phenol-d6	6.22	99	1102644	119.20	ng		-0.04
23) Nitrobenzene-d5	7.11	82	707766	89.23	ng		-0.06
41) 2,4,6-Tribromophenol	10.36	330	200432	122.70	ng		-0.06
44) 2-Fluorobiphenyl	8.90	172	885462	73.10	ng		-0.06
78) Terphenyl-d14	12.63	244	704656	44.53	ng		-0.06
Target Compounds							Qvalue
6) Aniline	6.28	93	49772	4.368	ng	#	51
10) Phenol	6.22	94	28644	2.739	ng	#	76
11) bis(2-Chloroethyl)ether	6.28	93	49772	6.329	ng		93
12) 1,3-Dichlorobenzene	6.48	146	34686	3.924	ng		96
13) 1,4-Dichlorobenzene	6.56	146	65209	7.284	ng		96
14) 1,2-Dichlorobenzene	6.71	146	130447	16.021	ng		99
15) Benzyl Alcohol	6.70	79	12521	2.067	ng	#	41
16) 2,2'-oxybis(1-Chloropropan	6.83	45	53135	3.274	ng		93
19) n-Nitroso-di-n-propylamine	7.11	70	99124	17.786	ng	#	88
25) Isophorone	7.11	82	692111	46.903	ng	#	67
49) Dimethylphthalate	9.30	163	110860	7.694	ng		100
53) 2,4-Dinitrophenol	9.86	184	799	7.214	ng	#	37
60) 4-Chlorophenyl-phenylether	9.97	204	339	Below Cal		#	1
66) 4-Bromophenyl-phenylether	10.36	248	12651	3.759	ng	#	1
70) Phenanthrene	11.07	178	67499	3.766	ng		97
74) Fluoranthene	12.25	202	116310	6.779	ng		97
77) Pyrene	12.47	202	110801	4.448	ng		98
80) Benzo(a)anthracene	13.66	228	54646	3.196	ng		98
82) Chrysene	13.69	228	49436	2.937	ng		97
85) Indeno(1,2,3-cd)pyrene	16.28	276	23388	4.773	ng		97
87) Benzo(b)fluoranthene	14.66	252	72830	6.093	ng	#	95
88) Benzo(k)fluoranthene	14.66	252	72830	6.435	ng		97
89) Benzo(a)pyrene	14.97	252	38471	3.509	ng	#	92
91) Benzo(g,h,i)perylene	16.65	276	22782	2.109	ng		92

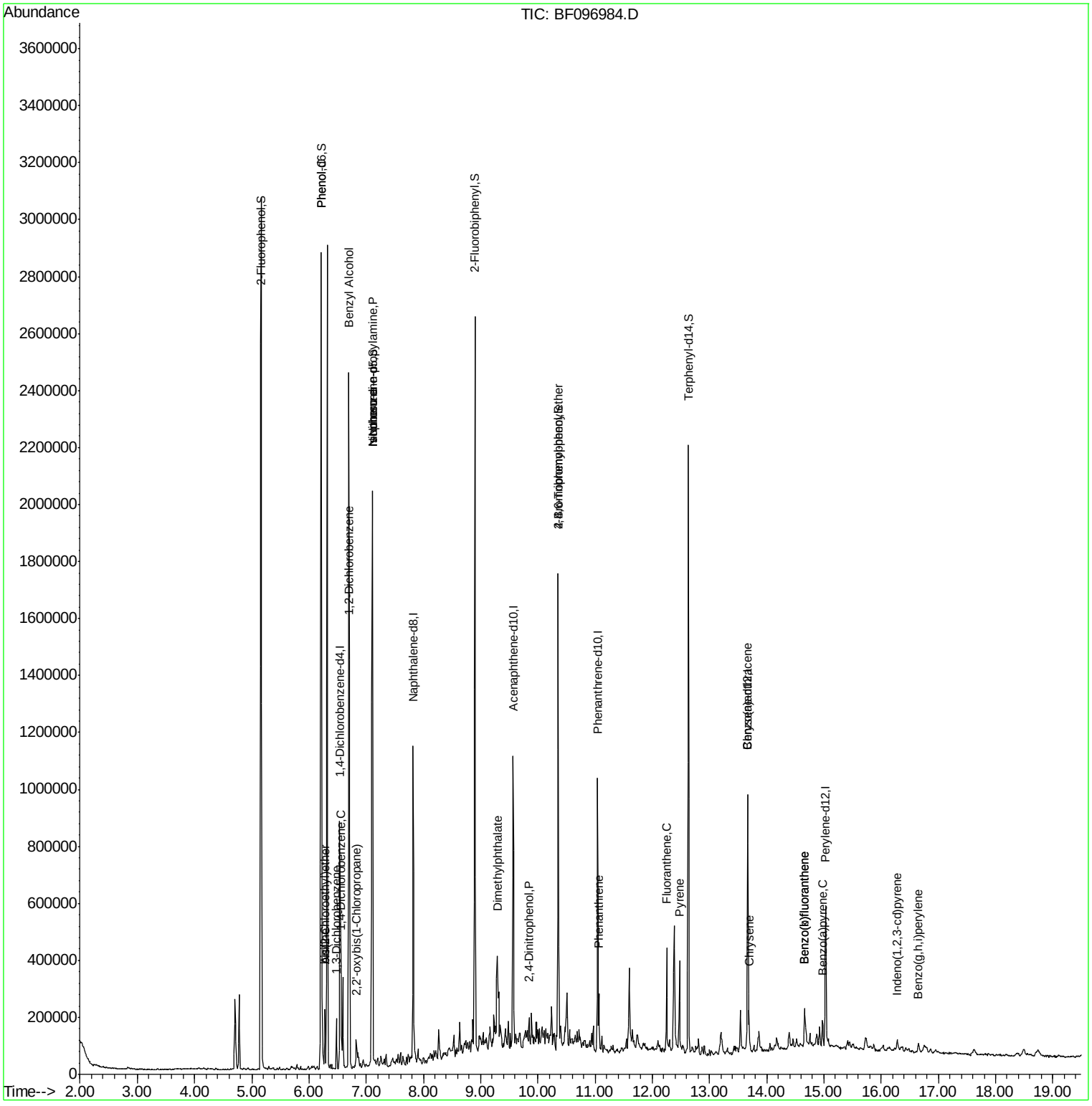
(#) = qualifier out of range (m) = manual integration (+) = signals summed

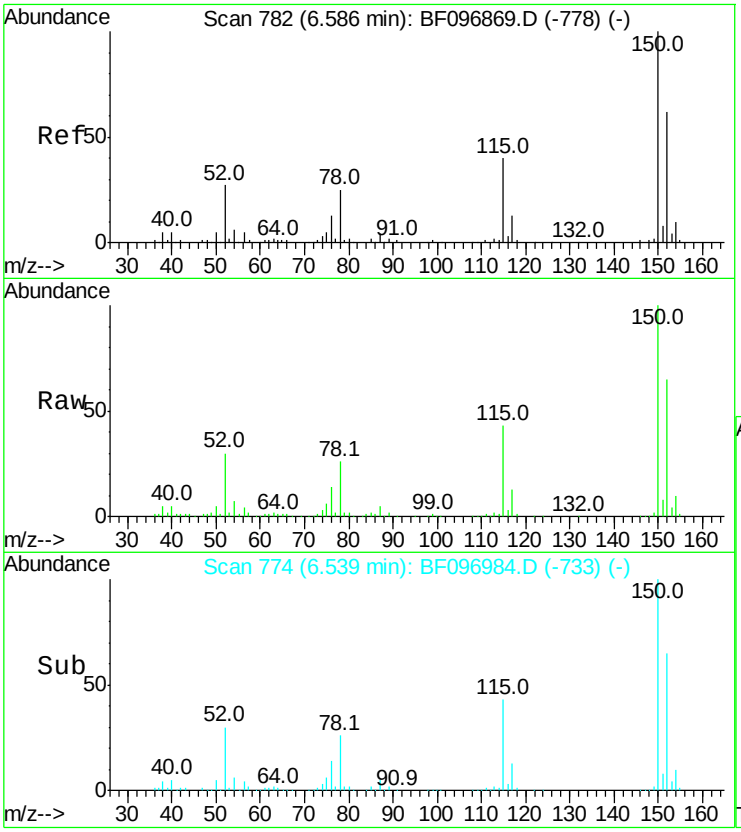
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Quant Time: Jul 24 14:00:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



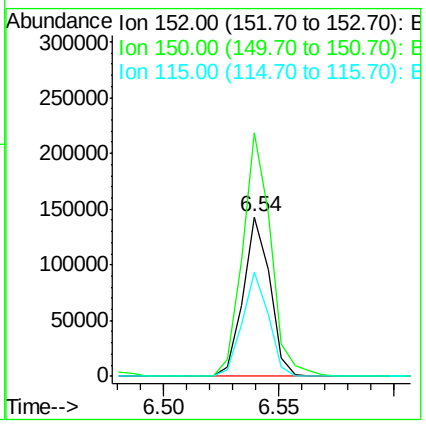


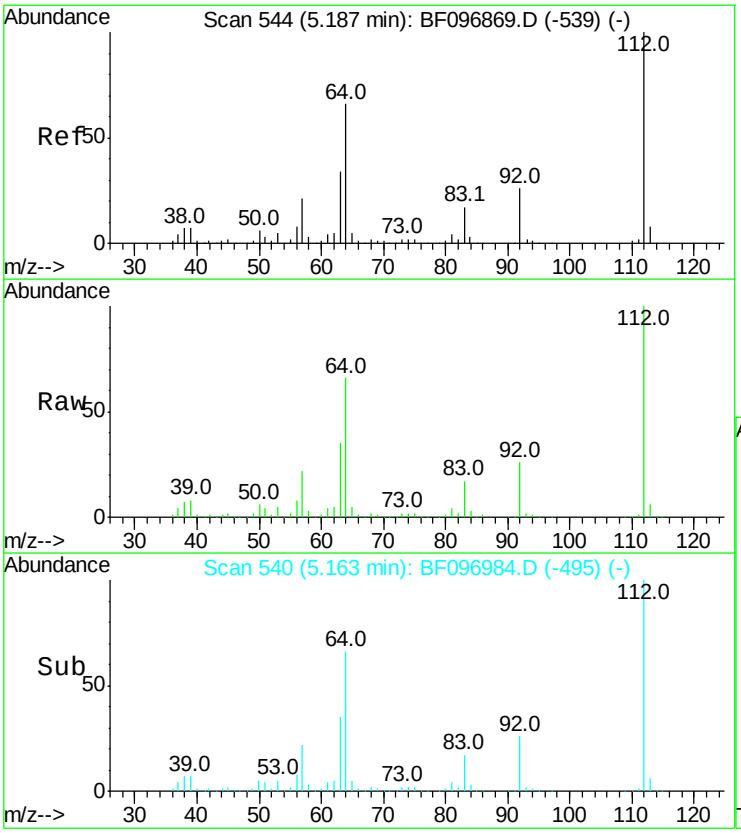
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.54 min Scan# 774
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:152 Resp: 115904

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	65.8	52.2	78.2

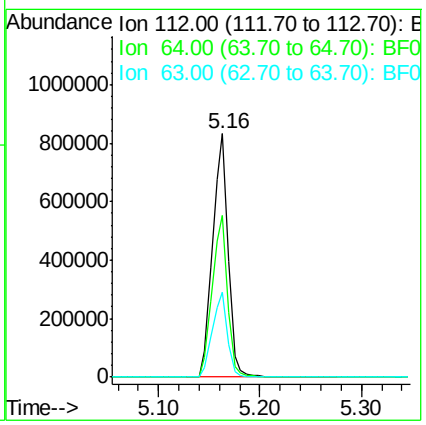


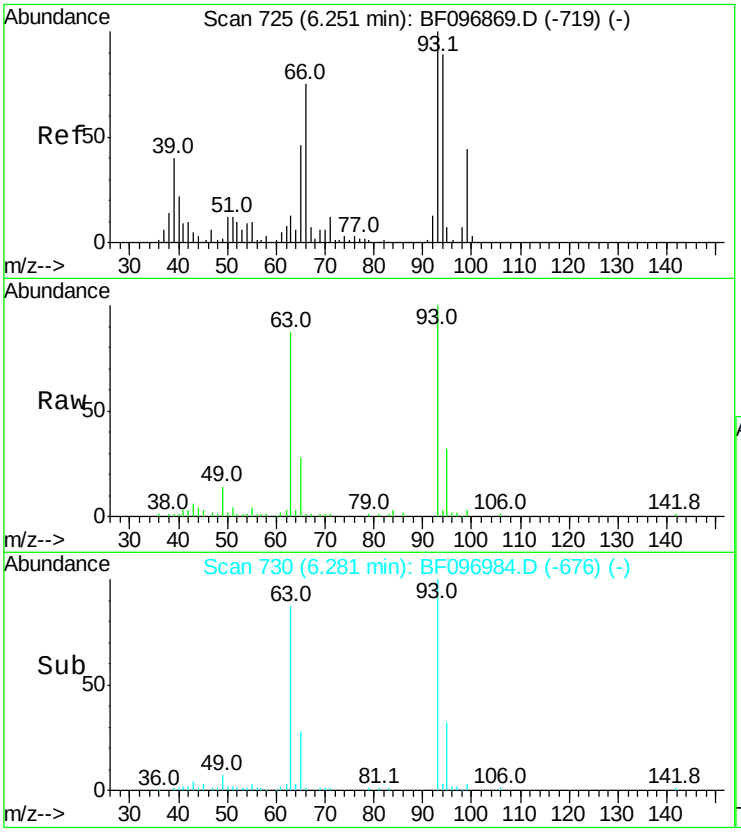


#5
2-Fluorophenol
Concen: 114.654 ng
RT: 5.16 min Scan# 540
Delta R.T. -0.04 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:112 Resp: 883812

Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.0	69.0
63	34.7	23.4	35.0



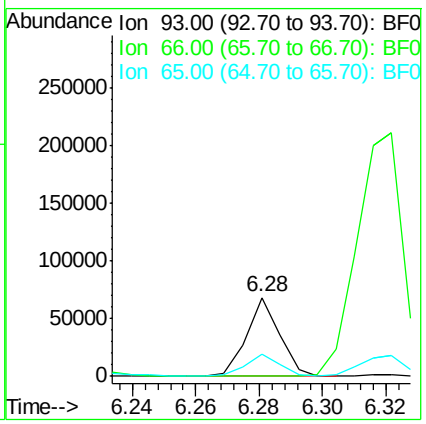


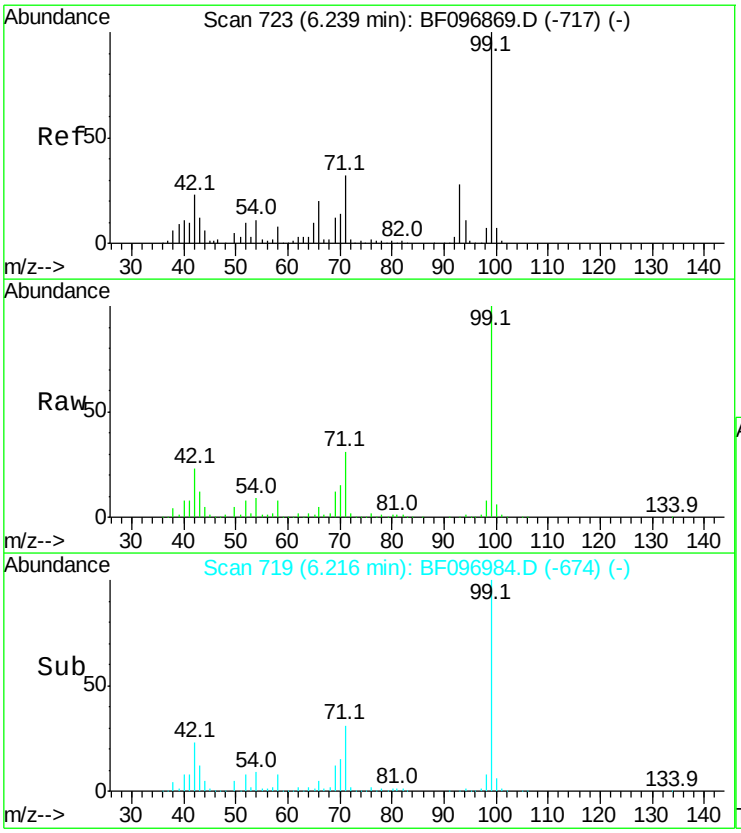
#6
Aniline
Concen: 4.368 ng
RT: 6.28 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion: 93 Resp: 49772

Ion	Ratio	Lower	Upper
93	100		
66	0.8	32.9	49.3#
65	27.7	16.0	24.0#

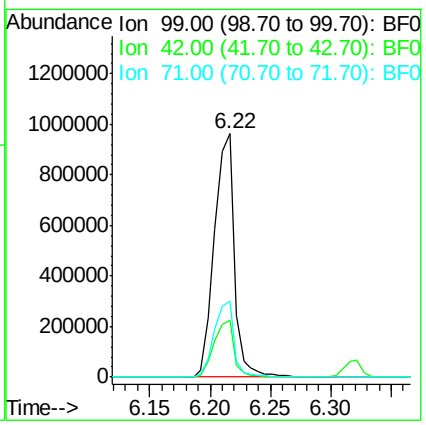


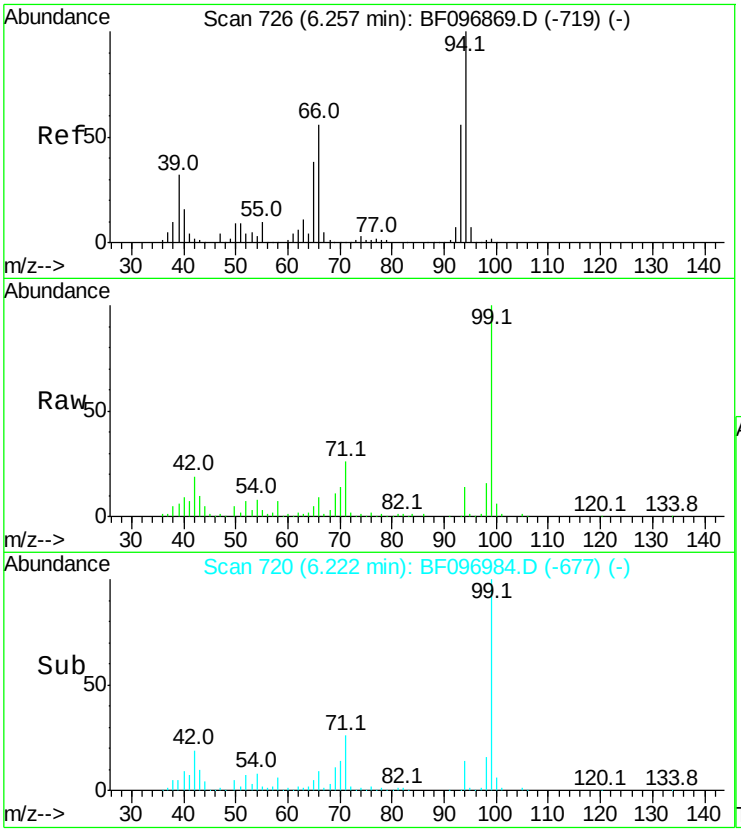


#7
Phenol-d6
Concen: 119.199 ng
RT: 6.22 min Scan# 719
Delta R.T. -0.04 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion: 99 Resp: 1102644

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	31.2	24.5	36.7



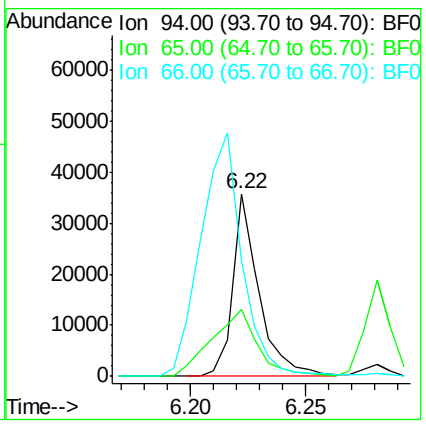


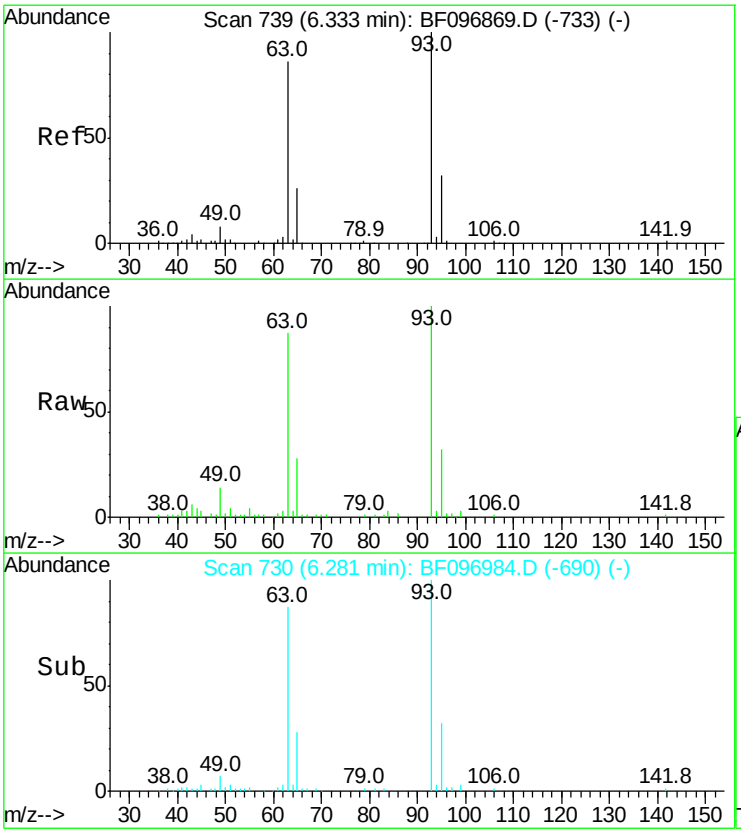
#10
Phenol
Concen: 2.739 ng
RT: 6.22 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion: 94 Resp: 28644

Ion	Ratio	Lower	Upper
94	100		
65	36.5	9.9	49.9
66	63.8	23.1	63.1#

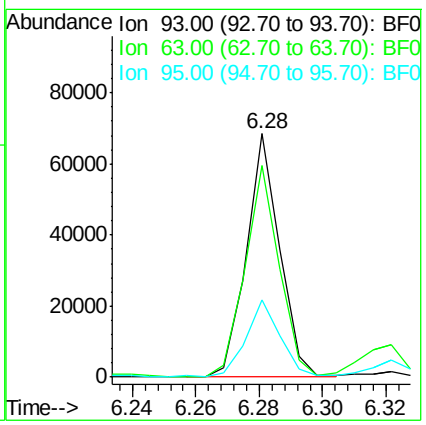


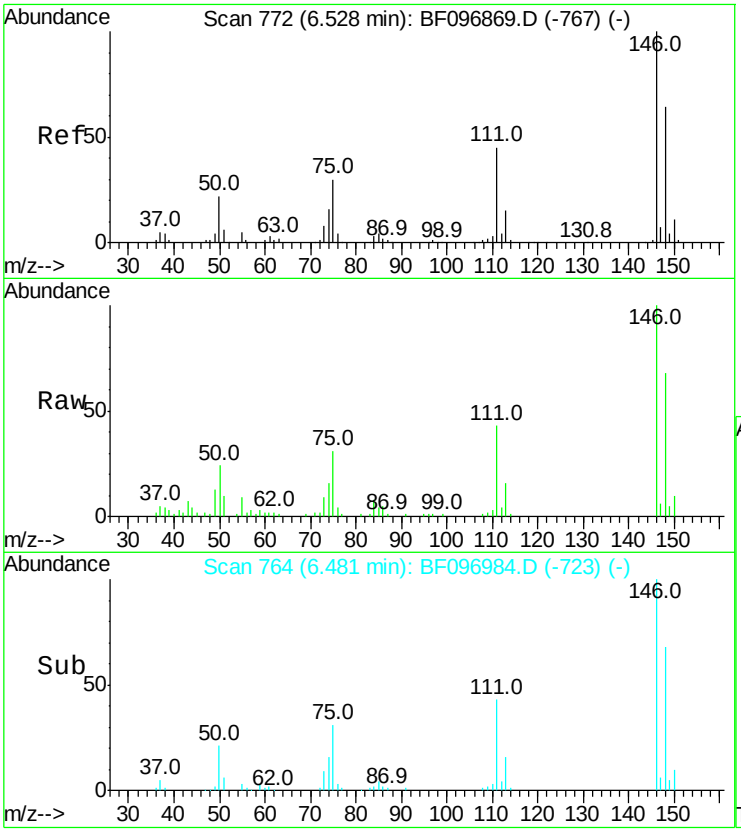


#11
bis(2-Chloroethyl)ether
Concen: 6.329 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion: 93 Resp: 49772

Ion	Ratio	Lower	Upper
93	100		
63	87.1	59.2	99.2
95	31.9	12.8	52.8



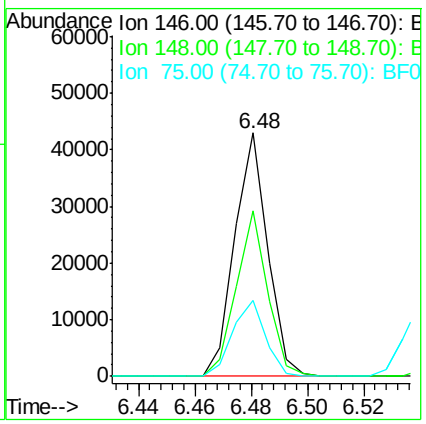


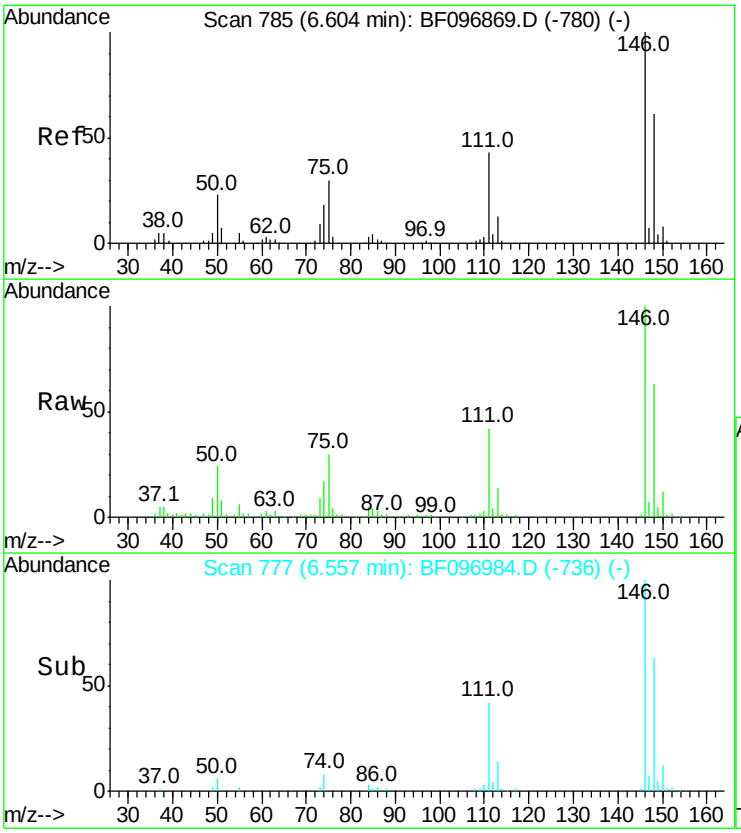
#12
1,3-Dichlorobenzene
Concen: 3.924 ng
RT: 6.48 min Scan# 764
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:146 Resp: 34686

Ion	Ratio	Lower	Upper
146	100		
148	68.2	51.8	77.6
75	31.3	23.1	34.7

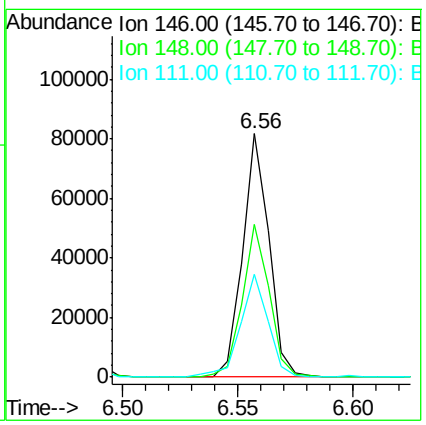


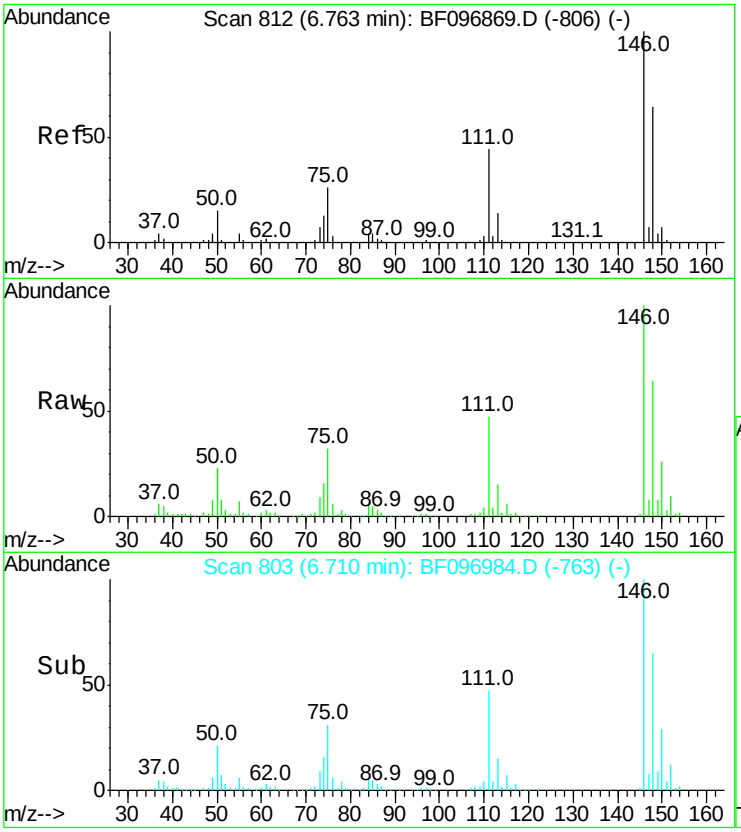


#13
1,4-Dichlorobenzene
Concen: 7.284 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:146 Resp: 65209

Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.0	30.3	45.5



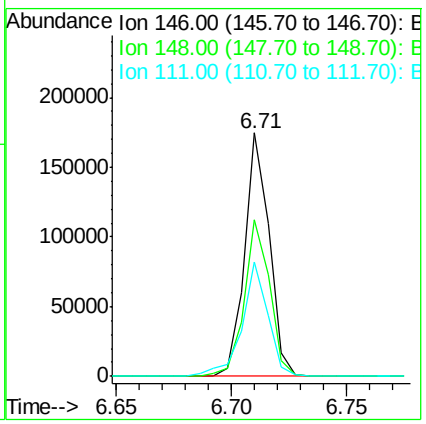


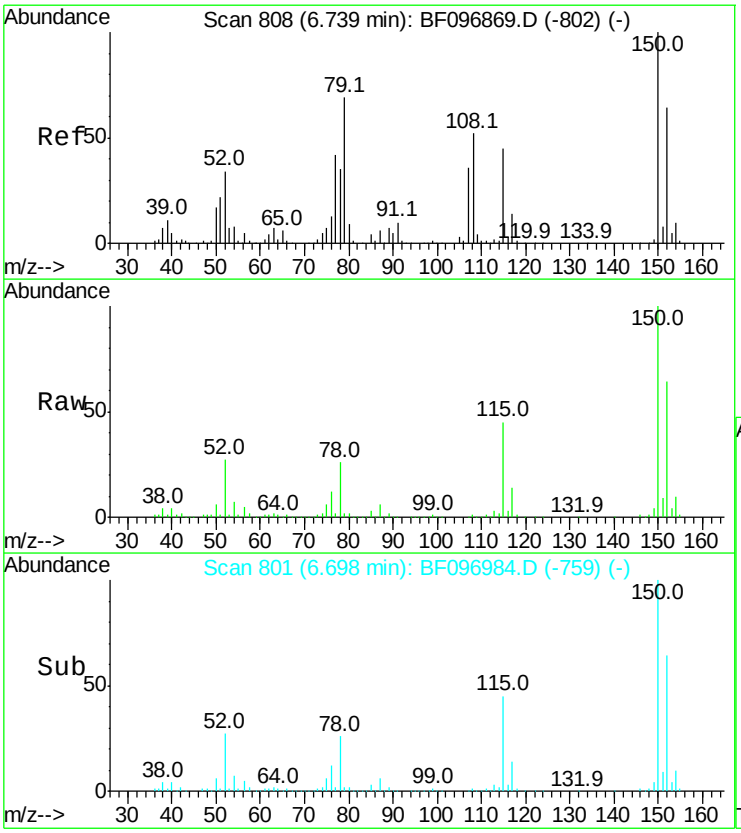
#14
1,2-Dichlorobenzene
Concen: 16.021 ng
RT: 6.71 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:146 Resp: 130447

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	46.8	38.2	57.4

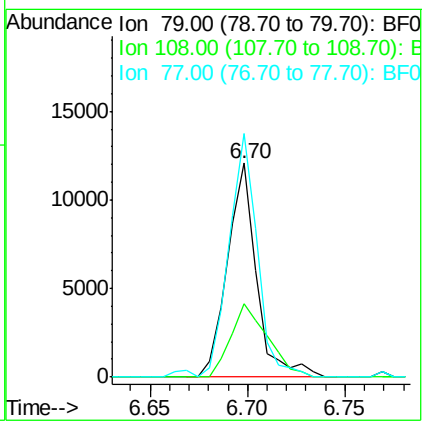


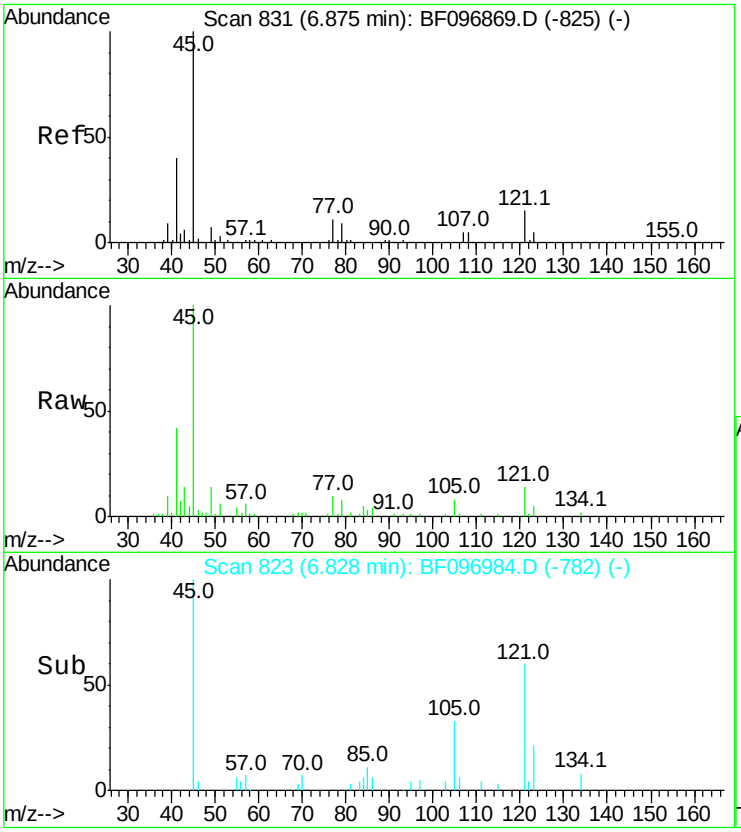


#15
Benzyl Alcohol
Concen: 2.067 ng
RT: 6.70 min Scan# 801
Delta R.T. -0.05 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion: 79 Resp: 12521

Ion	Ratio	Lower	Upper
79	100		
108	34.3	63.4	95.0#
77	113.8	49.2	73.8#



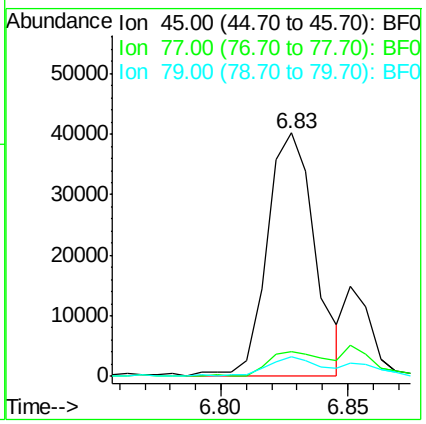


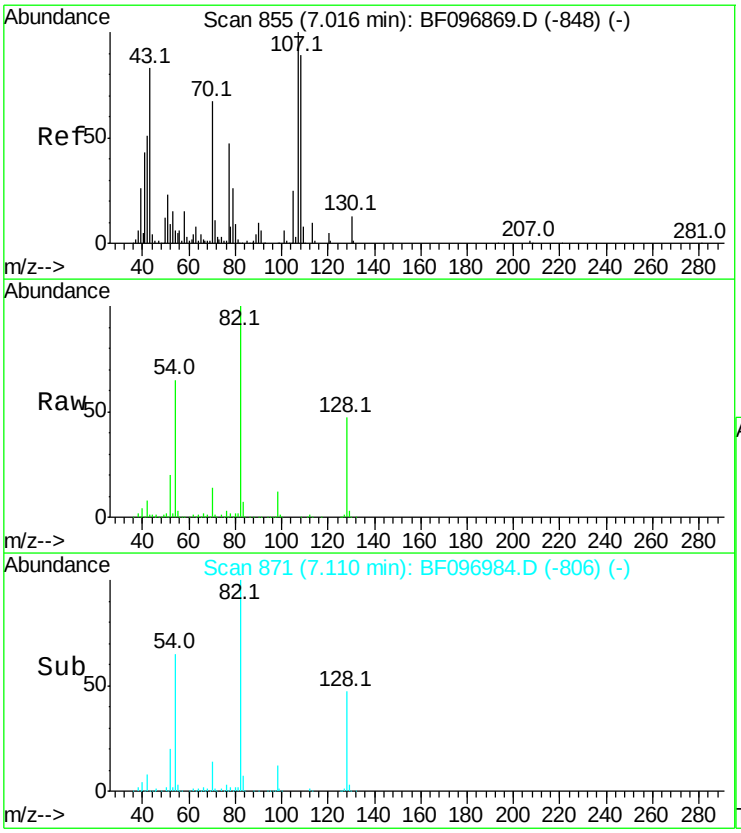
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.274 ng
RT: 6.83 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion: 45 Resp: 53135

Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	33.2
79	7.9	0.0	30.0

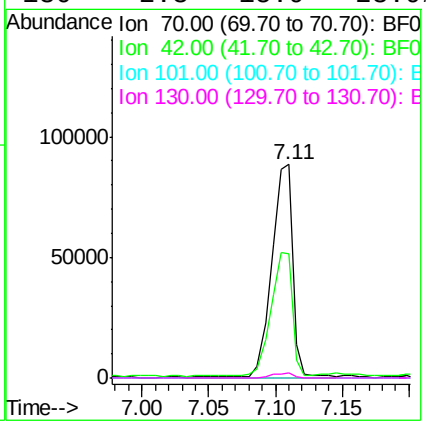


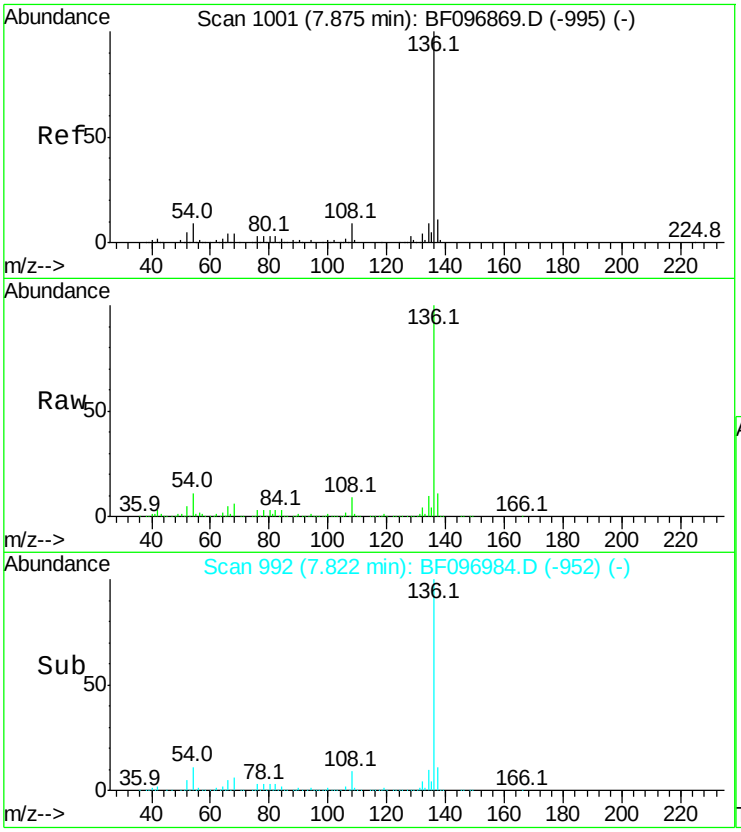


#19
n-Nitroso-di-n-propylamine
Concen: 17.786 ng
RT: 7.11 min Scan# 871
Delta R.T. 0.08 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion: 70 Resp: 99124

Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



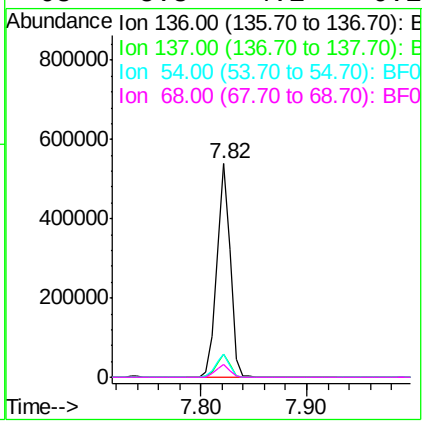


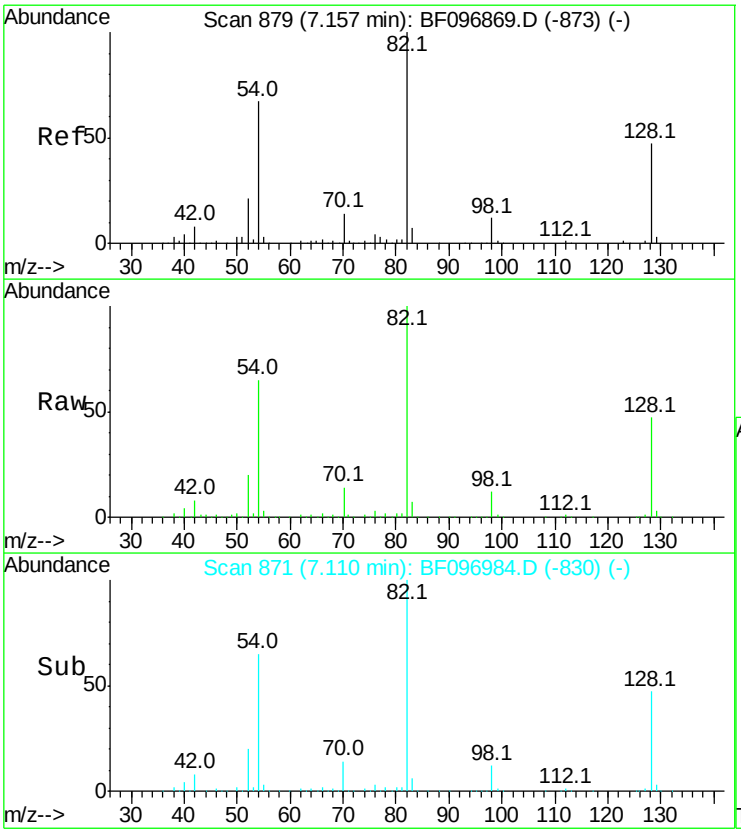
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.82 min Scan# 992
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:136 Resp: 491333

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.0	4.9	7.3#
68	5.8	4.1	6.1

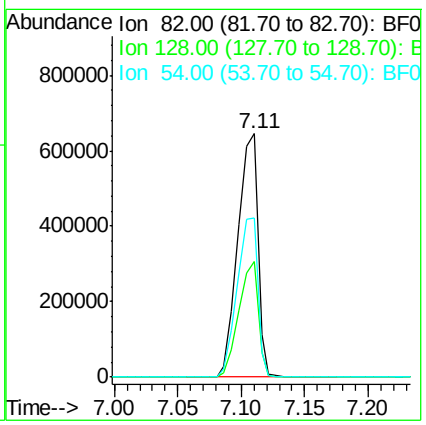


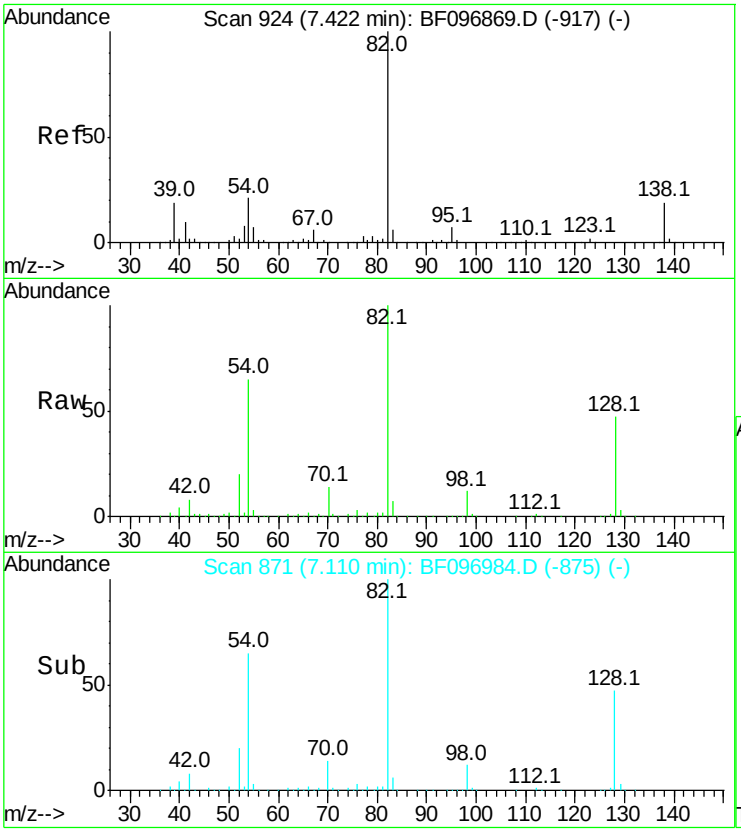


#23
Nitrobenzene-d5
Concen: 89.226 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion: 82 Resp: 707766

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	65.2	42.2	63.2#



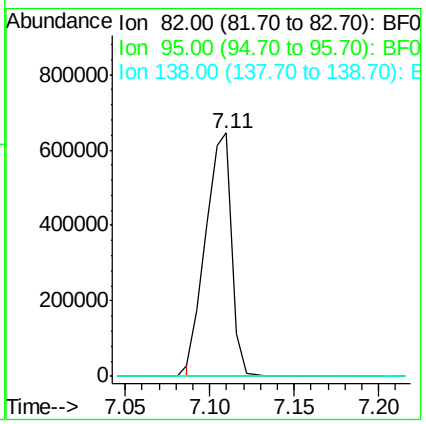


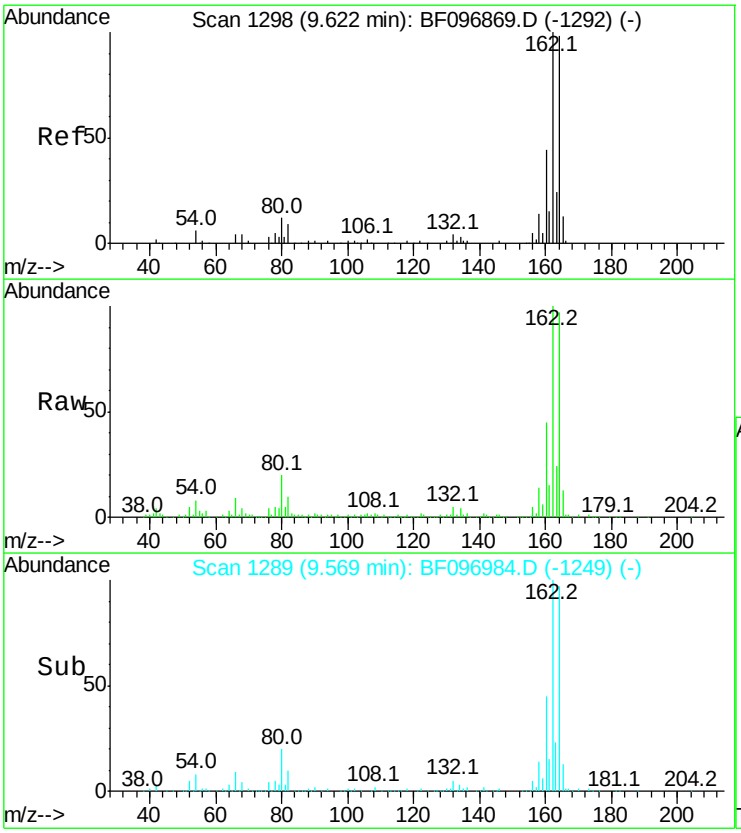
#25
Isophorone
Concen: 46.903 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.32 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion: 82 Resp: 692111

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

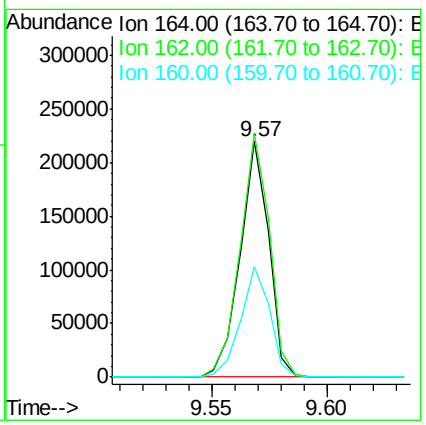


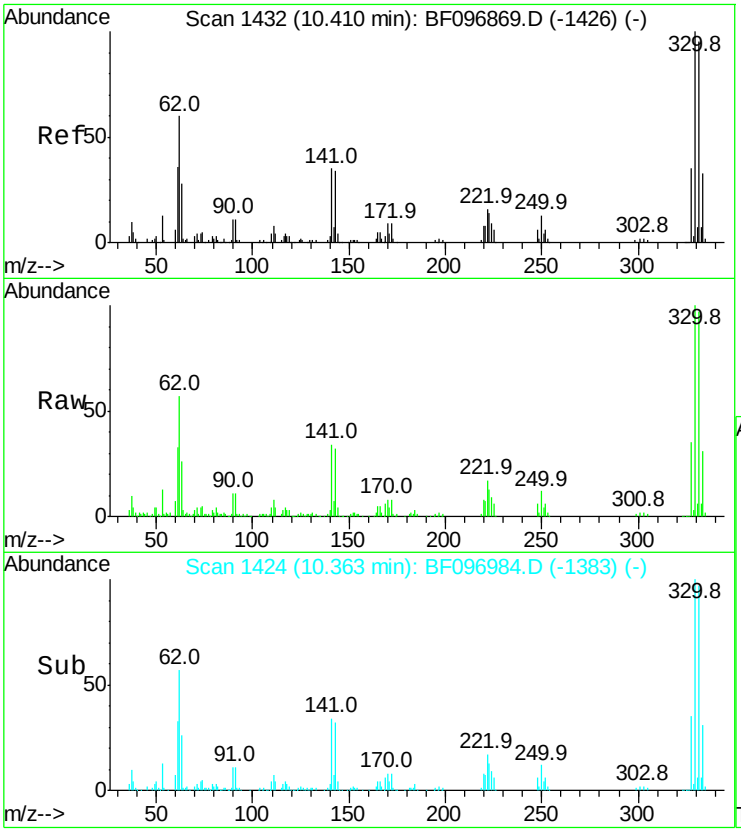


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.57 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:164 Resp: 191366

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	46.9	36.2	54.2



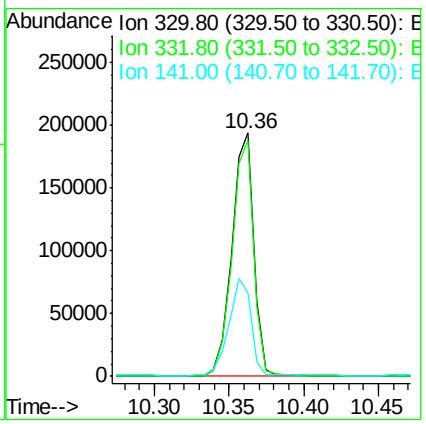


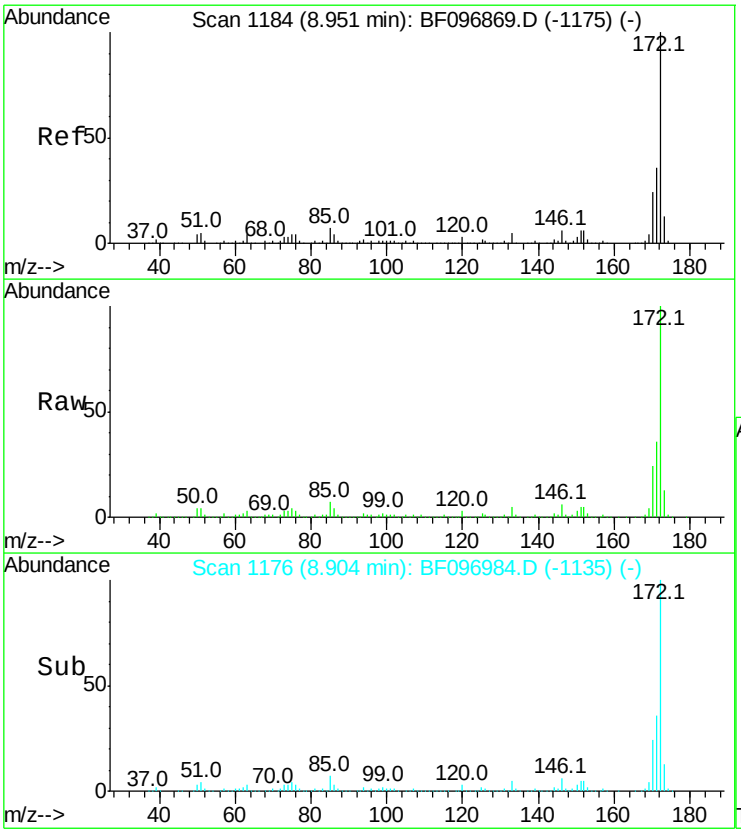
#41
2,4,6-Tribromophenol
Concen: 122.703 ng
RT: 10.36 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:330 Resp: 200432

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.6	31.4	47.2

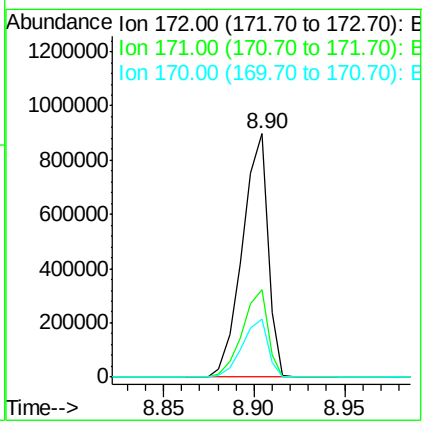


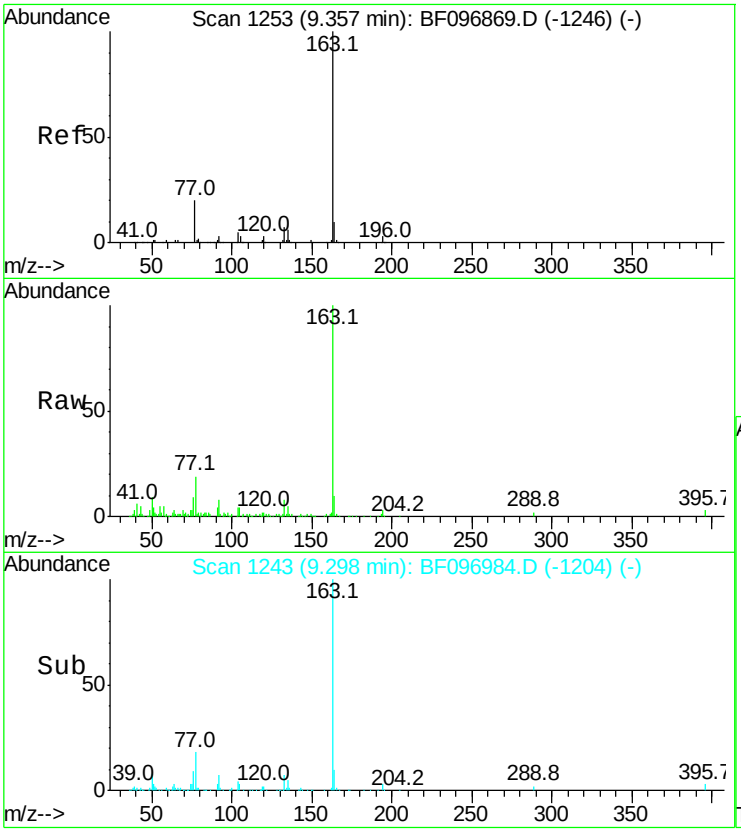


#44
2-Fluorobiphenyl
Concen: 73.104 ng
RT: 8.90 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:172 Resp: 885462

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8



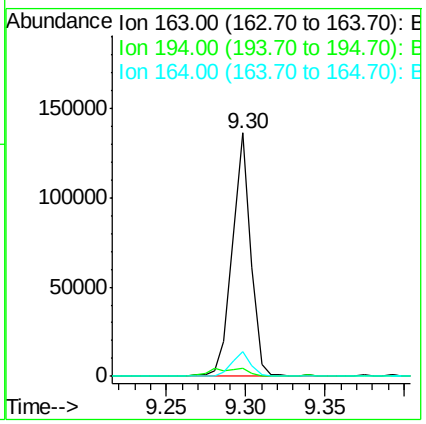


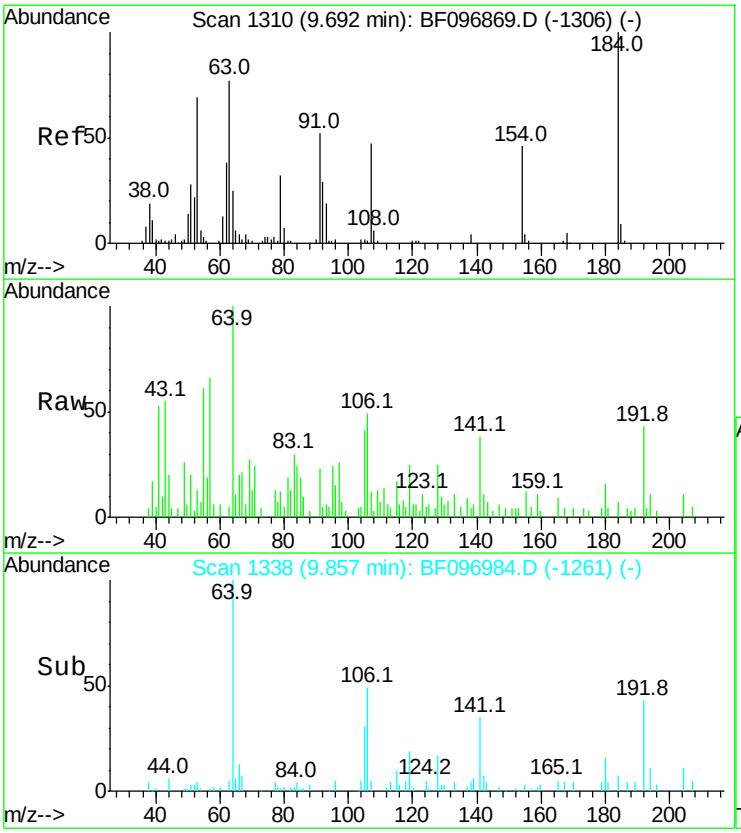
#49
Dimethylphthalate
Concen: 7.694 ng
RT: 9.30 min Scan# 1243
Delta R.T. -0.07 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:163 Resp: 110860

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6

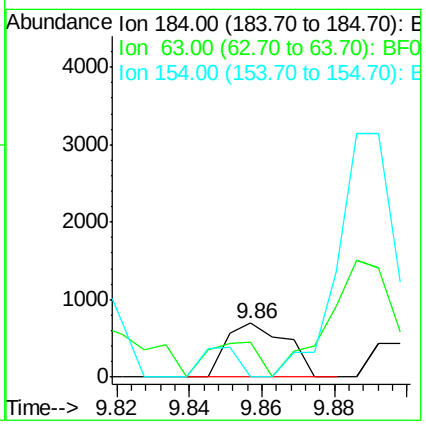


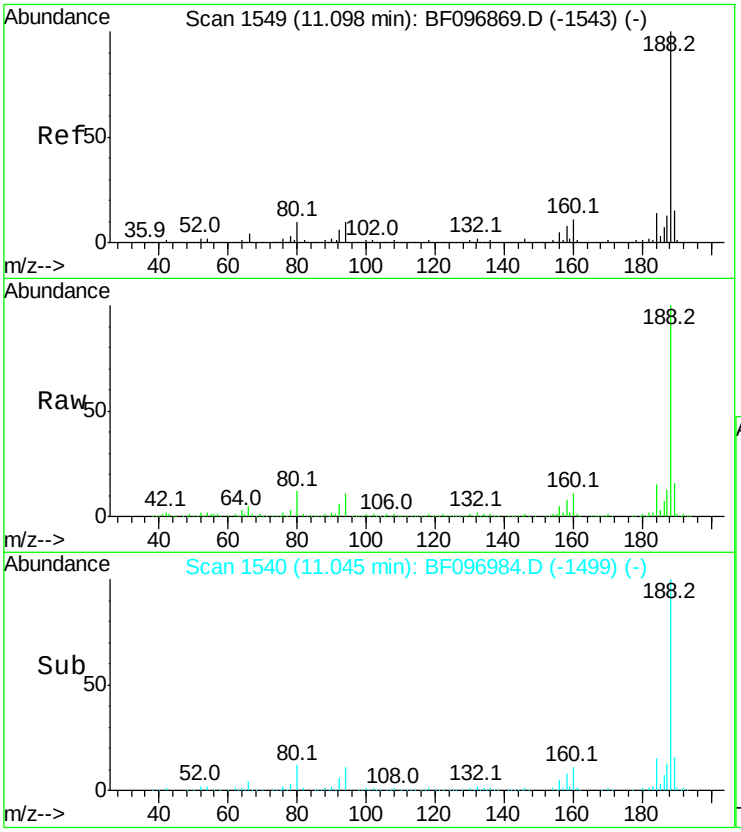


#53
2,4-Dinitrophenol
Concen: 7.214 ng
RT: 9.86 min Scan# 1338
Delta R.T. 0.15 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:184 Resp: 799

Ion	Ratio	Lower	Upper
184	100		
63	65.7	62.7	94.1
154	0.0	81.1	121.7#



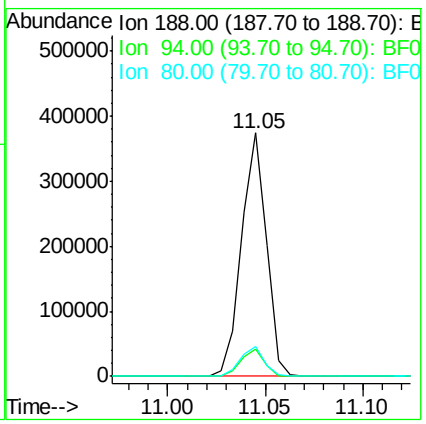


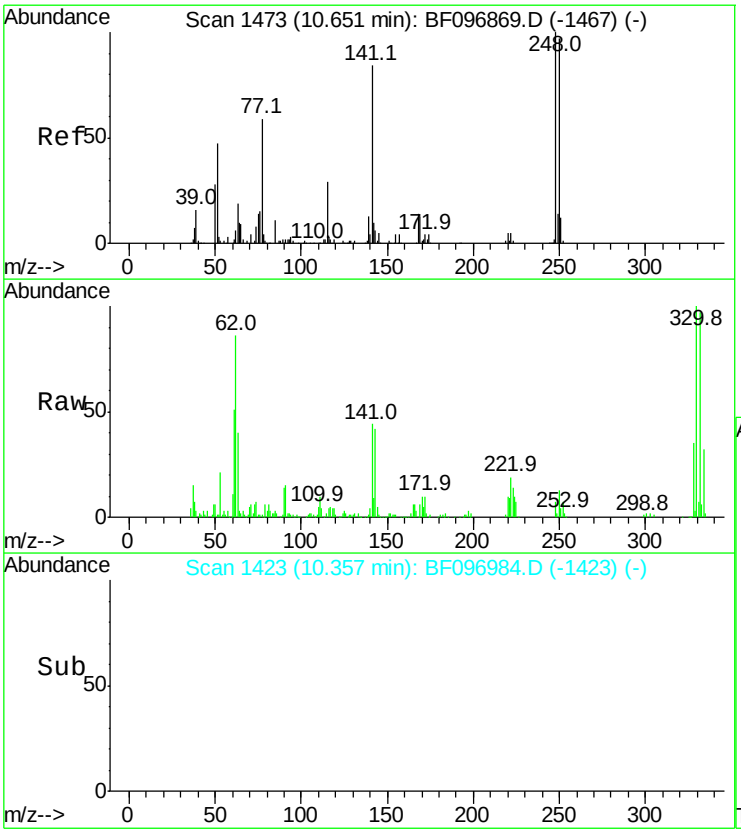
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.05 min Scan# 1540
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:188 Resp: 329668

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	12.1	10.2	15.2

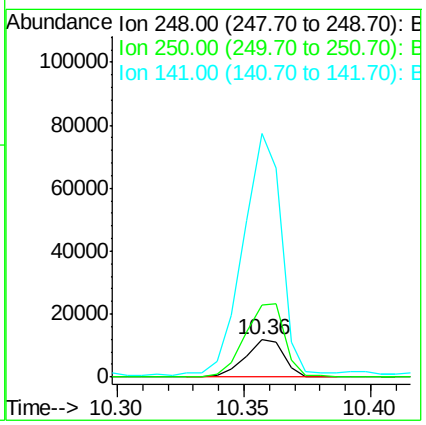


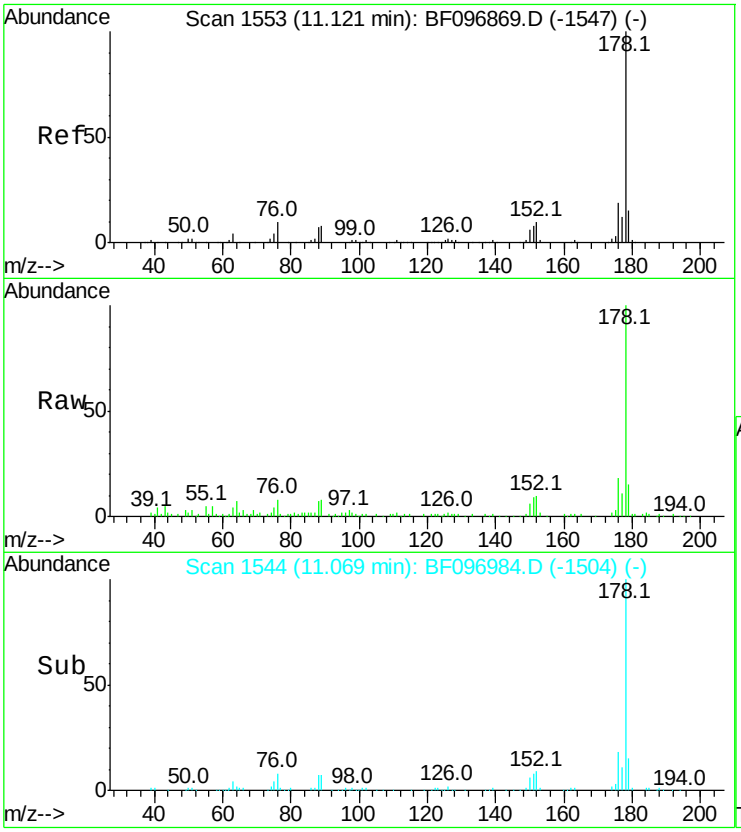


#66
4-Bromophenyl-phenylether
Concen: 3.759 ng
RT: 10.36 min Scan# 1423
Delta R.T. -0.30 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:248 Resp: 12651

Ion	Ratio	Lower	Upper
248	100		
250	193.2	76.8	115.2#
141	656.1	68.6	103.0#



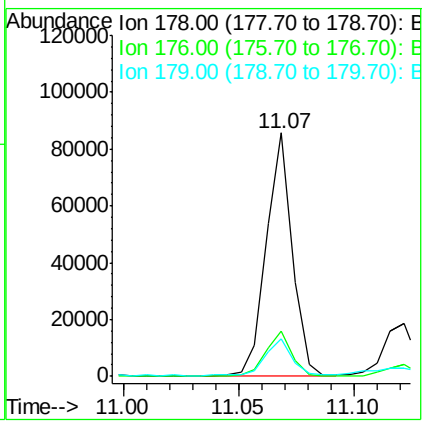


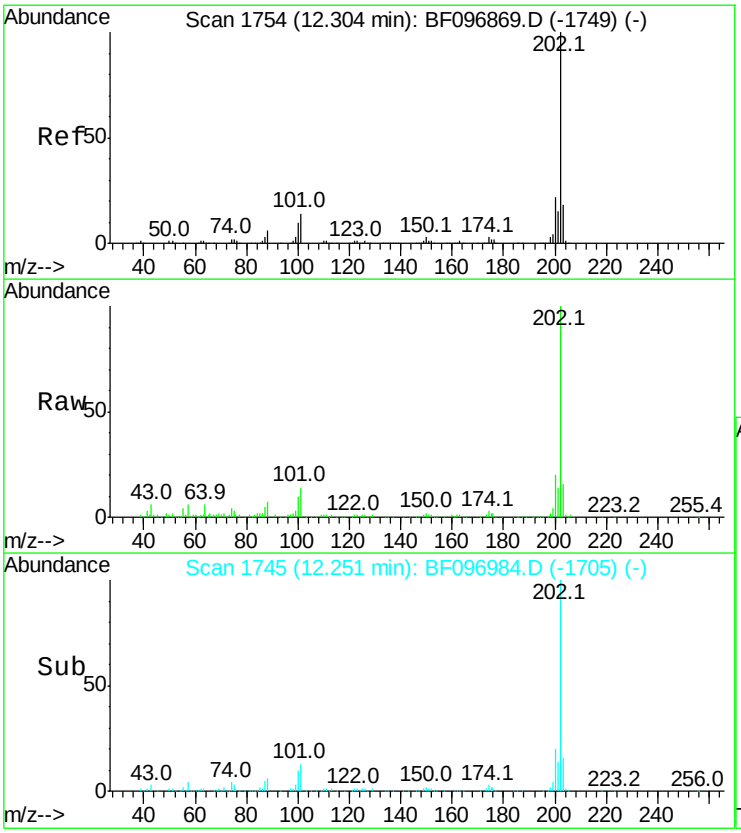
#70
Phenanthrene
Concen: 3.766 ng
RT: 11.07 min Scan# 1544
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:178 Resp: 67499

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.2	12.6	19.0

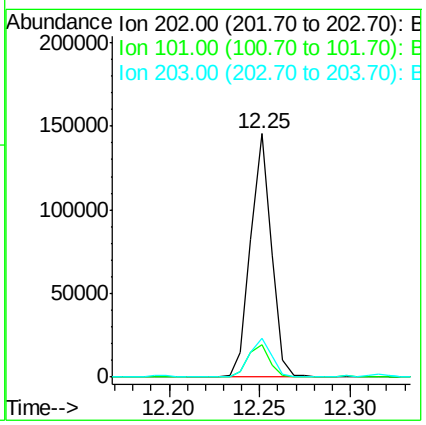


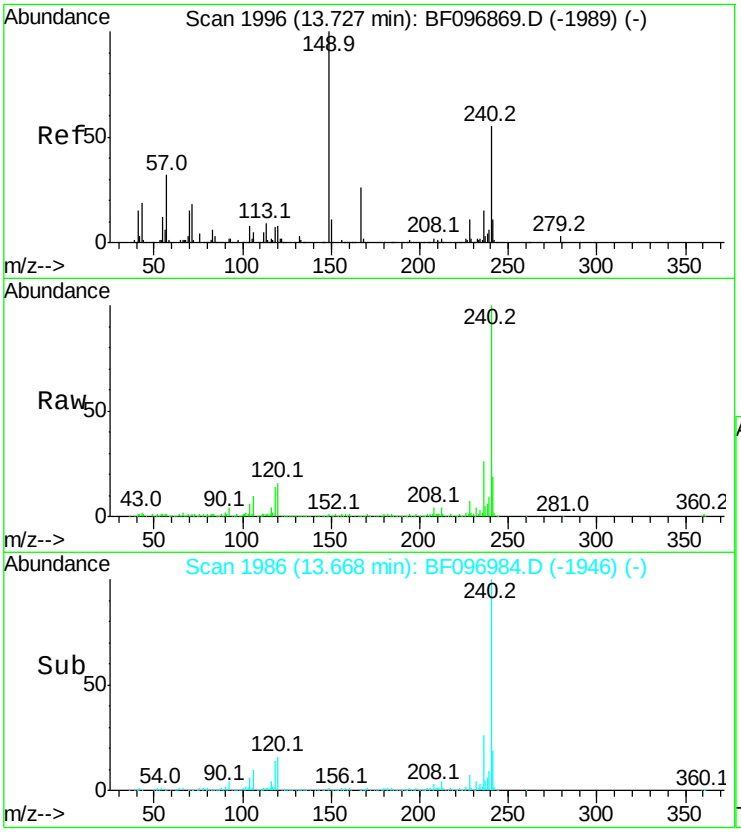


#74
Fluoranthene
Concen: 6.779 ng
RT: 12.25 min Scan# 1745
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:202 Resp: 116310

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	16.1	0.0	38.1



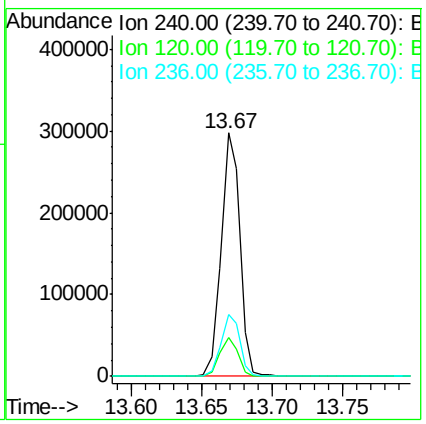


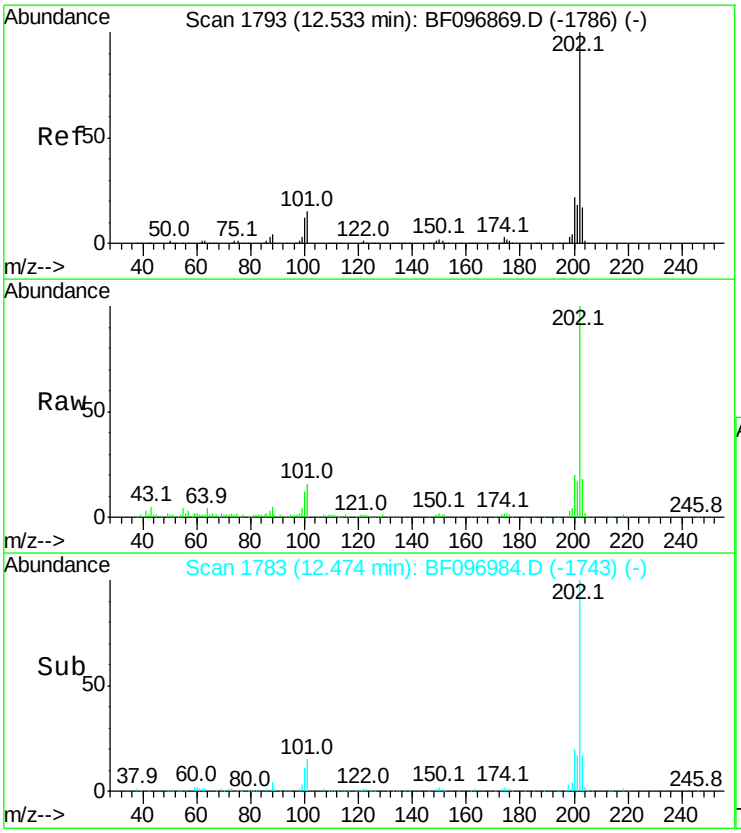
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.67 min Scan# 1986
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:240 Resp: 274448

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.6	20.5	30.7

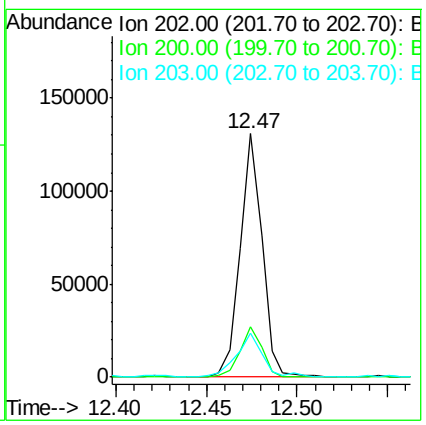


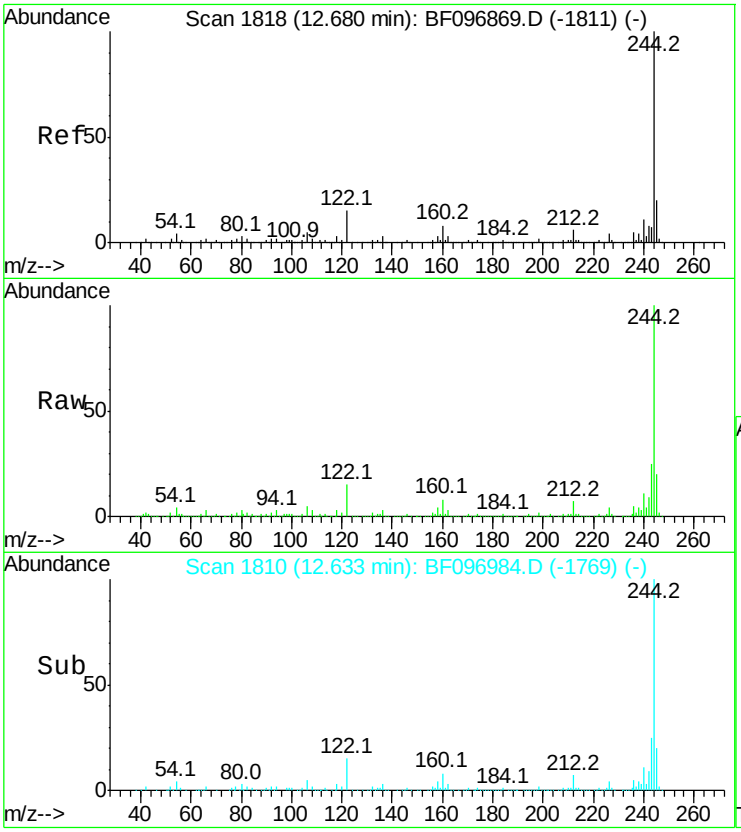


#77
Pyrene
Concen: 4.448 ng
RT: 12.47 min Scan# 1783
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:202 Resp: 110801

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.8	14.4	21.6



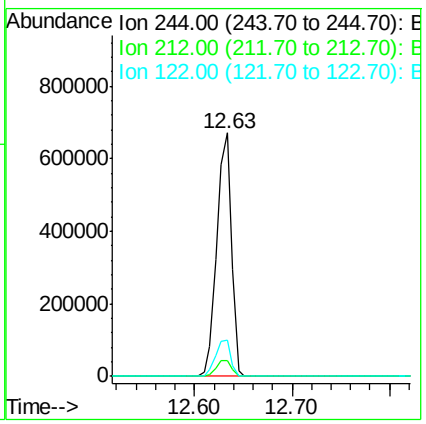


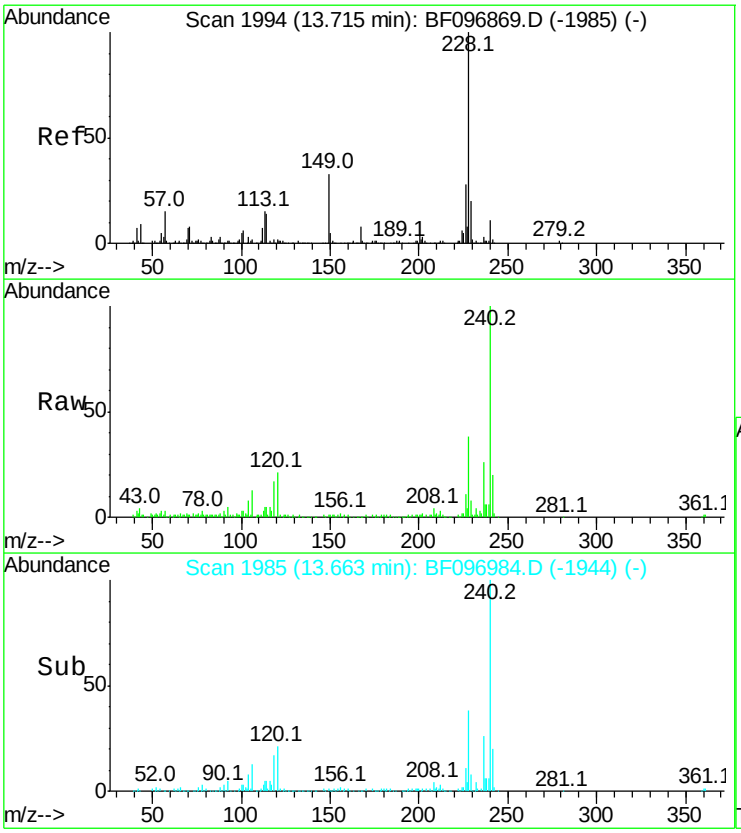
#78
Terphenyl-d14
Concen: 44.528 ng
RT: 12.63 min Scan# 1810
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:244 Resp: 704656

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.8	10.3	15.5

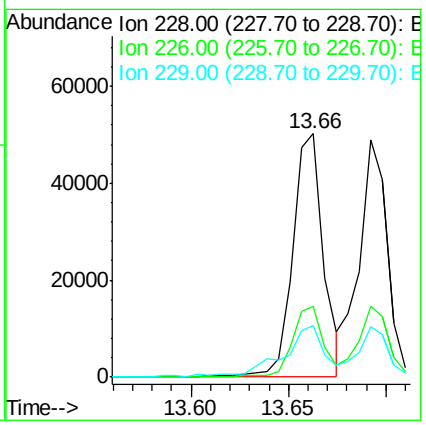


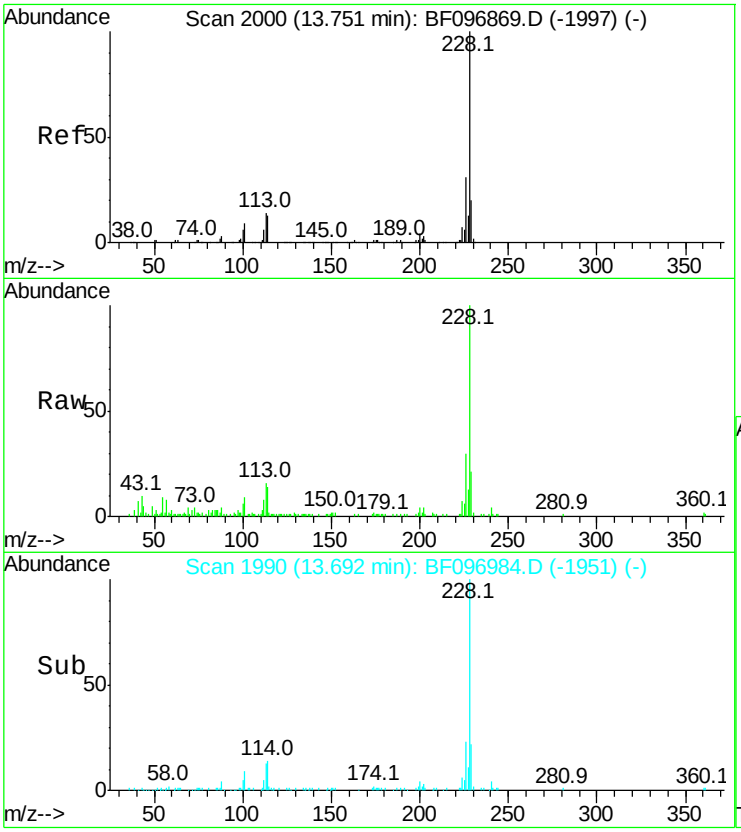


#80
Benzo(a)anthracene
Concen: 3.196 ng
RT: 13.66 min Scan# 1985
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:228 Resp: 54646

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.0	16.3	24.5



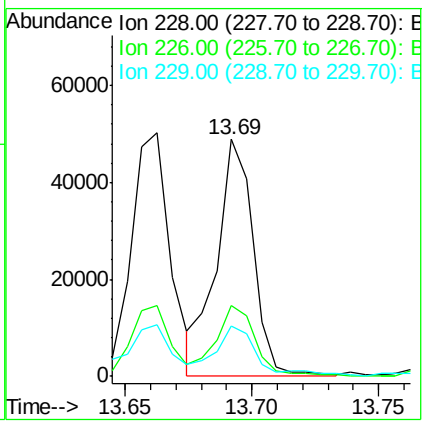


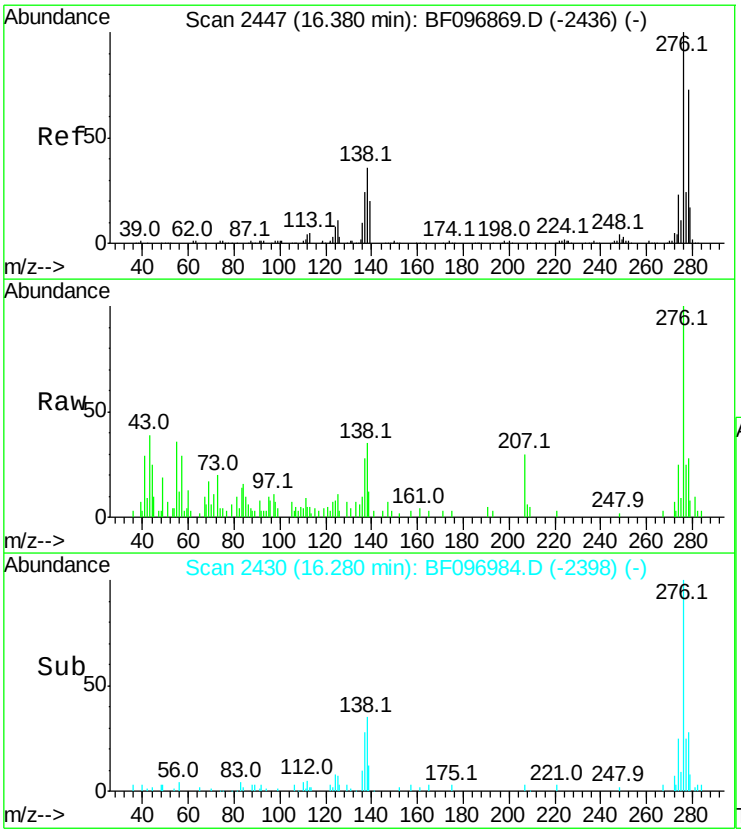
#82
Chrysene
Concen: 2.937 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.07 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:228 Resp: 49436

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.5	15.8	23.6

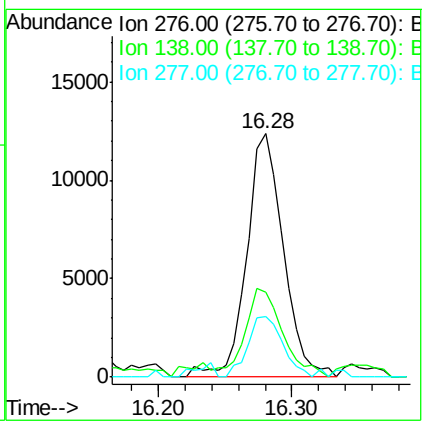


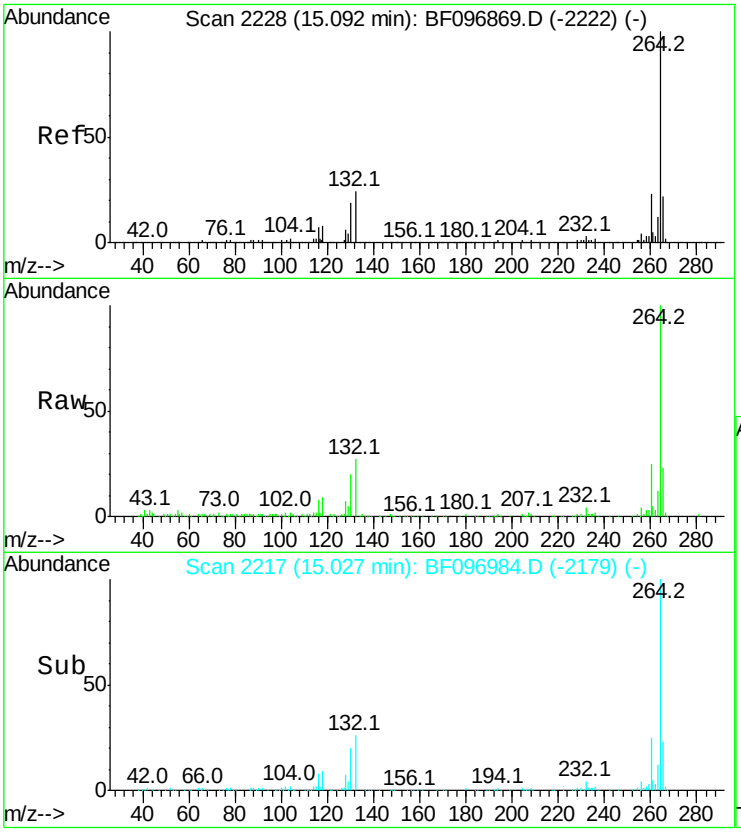


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.773 ng
RT: 16.28 min Scan# 2430
Delta R.T. -0.11 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:276 Resp: 23388

Ion	Ratio	Lower	Upper
276	100		
138	36.5	27.8	41.6
277	23.8	20.2	30.4



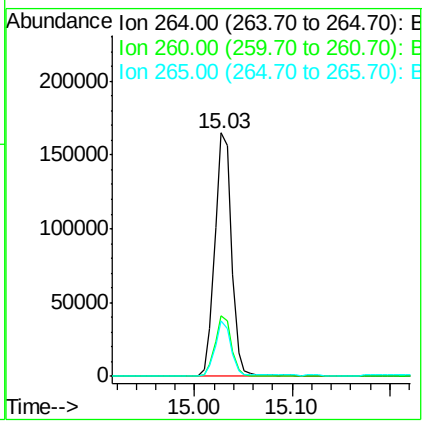


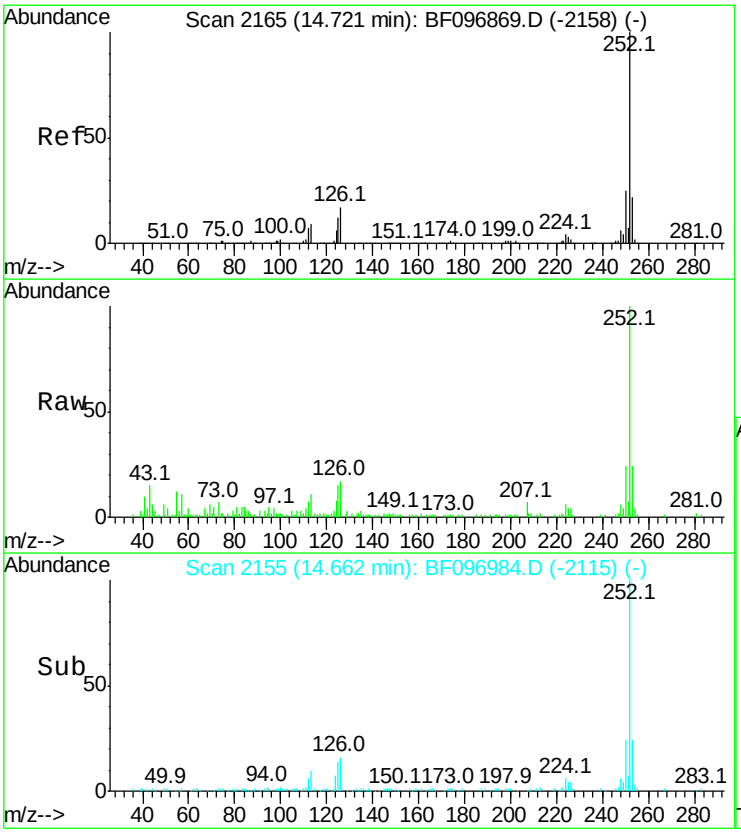
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.03 min Scan# 2217
Delta R.T. -0.08 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:264 Resp: 198181

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.9	17.2	25.8

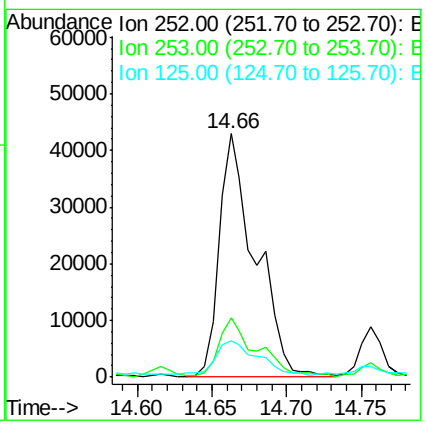


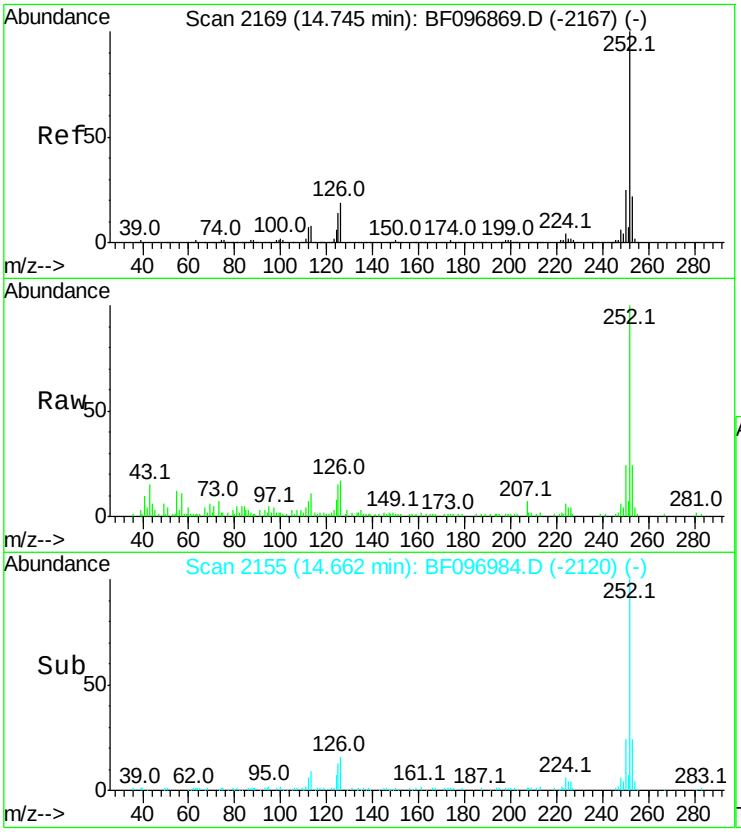


#87
Benzo(b)fluoranthene
Concen: 6.093 ng
RT: 14.66 min Scan# 2155
Delta R.T. -0.06 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:252 Resp: 72830

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.0	9.8	14.8#



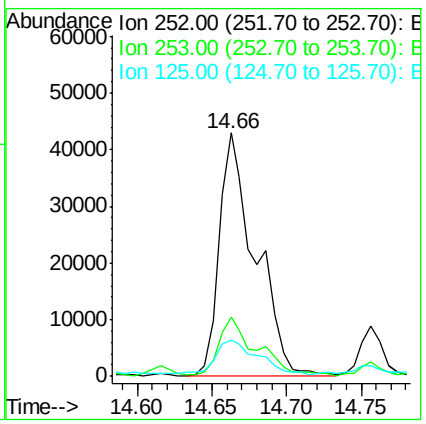


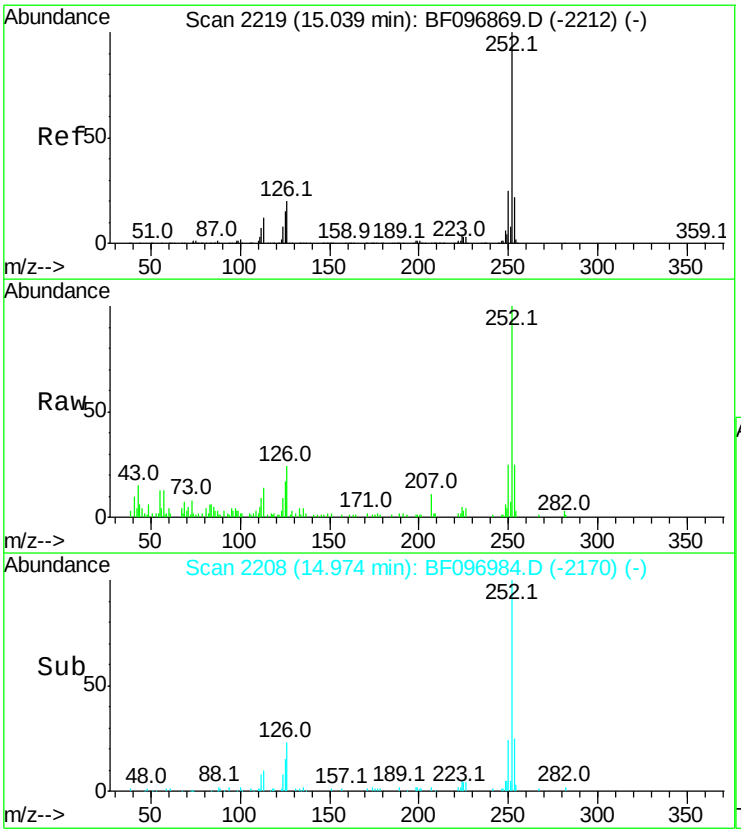
#88
Benzo(k)fluoranthene
Concen: 6.435 ng
RT: 14.66 min Scan# 2155
Delta R.T. -0.09 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:252 Resp: 72830

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	15.0	13.1	19.7

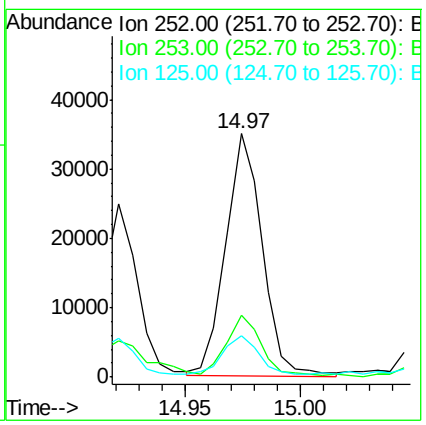


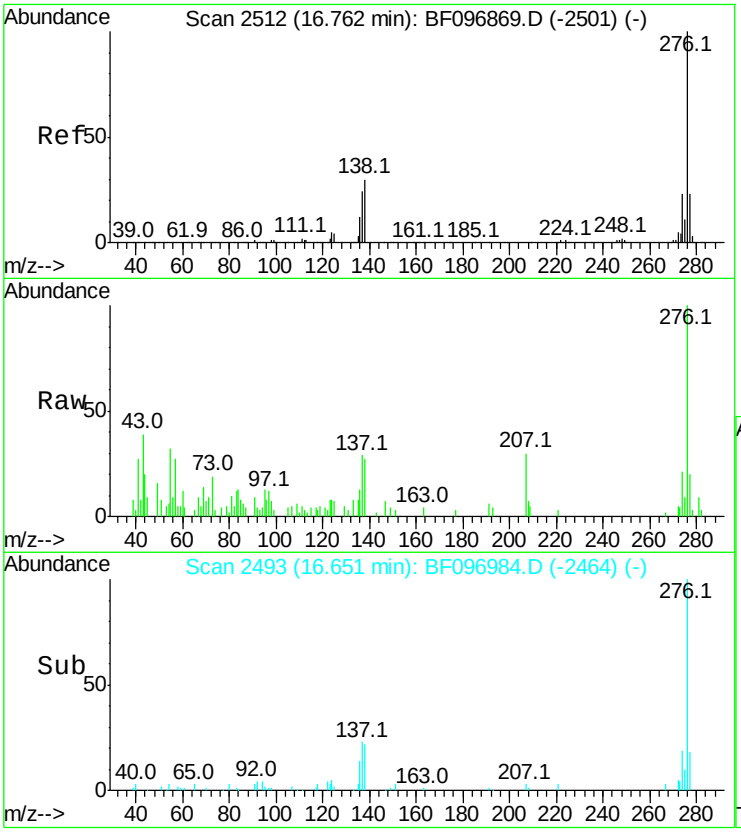


#89
Benzo(a)pyrene
Concen: 3.509 ng
RT: 14.97 min Scan# 2208
Delta R.T. -0.08 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Tgt Ion:252 Resp: 38471

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.5	26.3
125	17.2	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.109 ng
RT: 16.65 min Scan# 2493
Delta R.T. -0.13 min
Lab File: BF096984.D
Acq: 24 Jul 2017 11:57

Instrument :
BNA_F
ClientSampleId :
E2-N5-NWSW

Tgt Ion:276 Resp: 22782

Ion	Ratio	Lower	Upper
276	100		
277	20.5	18.6	28.0
138	26.7	25.4	38.0