Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 07:52:35 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	6.50	152	119378	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	496286	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	190886	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	258812	20.00	ng		0.00
75) Chrysene-d12	13.62	240	223358	20.00	ng		0.00
86) Perylene-d12	14.97	264	161802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	157300	19.86	ng		0.00
7) Phenol-d6	6.16	99	192525	21.30	ng		-0.01
23) Nitrobenzene-d5	7.06	82	94725	11.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	25504	16.91	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	170567	15.16	ng		-0.01
78) Terphenyl-d14	12.58	244	88321	8.06	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.23	93	112026	9.85	ng	#	52
11) bis(2-Chloroethyl)ether	6.23	93	112026	13.21	ng		88
13) 1,4-Dichlorobenzene	6.52	146	22008	2.43	ng		92
14) 1,2-Dichlorobenzene	6.67	146	103144	13.06	ng		96
19) n-Nitroso-di-n-propylamine	7.06	70	12396	2.08	ng	#	87
25) Isophorone	7.06	82	94611	5.71	ng	#	67
30) 1,2,4-Trichlorobenzene	7.73	180	22585	3.50	ng		96
32) Benzoic acid	7.60	122	26054	4.44	ng	#	15
49) Dimethylphthalate	9.26	163	38801	2.68	ng		99
56) 2,4-Dinitrotoluene	9.53	165	24342	6.89	ng	#	34
87) Benzo(b)fluoranthene	14.62	252	45948	4.72	ng	#	95
88) Benzo(k)fluoranthene	14.62	252	45948	4.96	ng		98
91) Benzo(g,h,i)perylene	16.56	276	25282	3.30	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Misc :
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Instrument :
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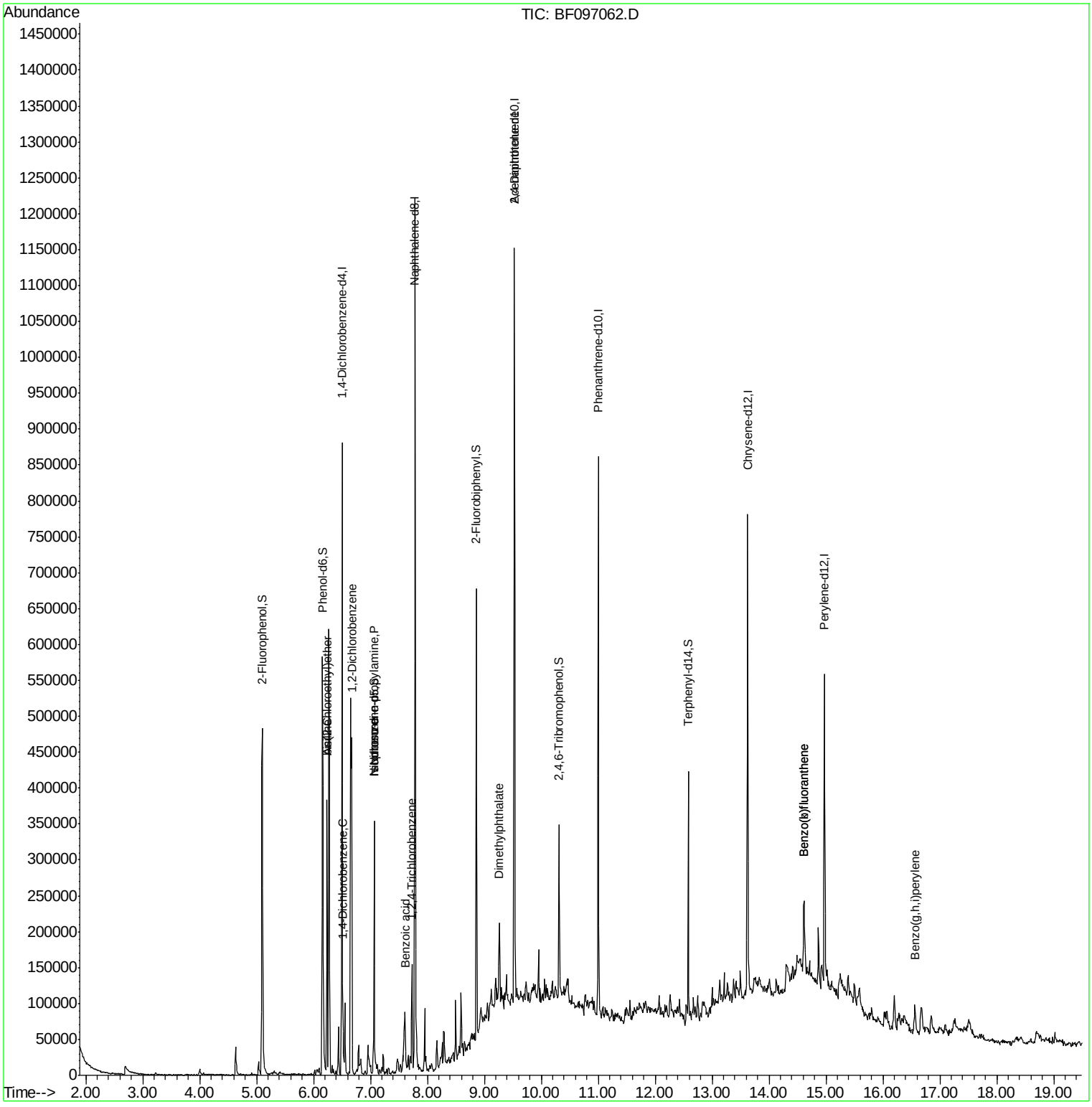
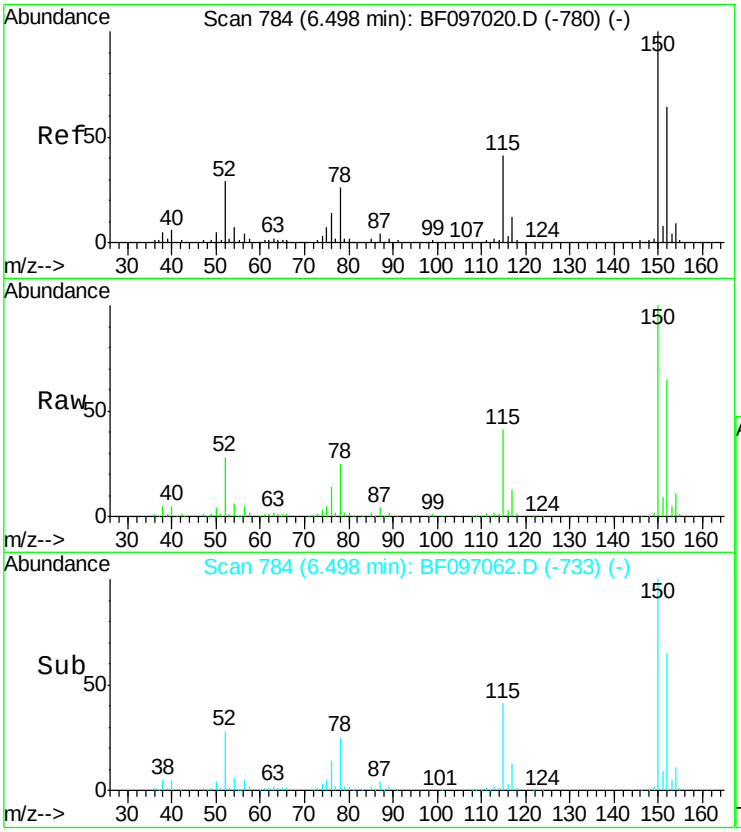


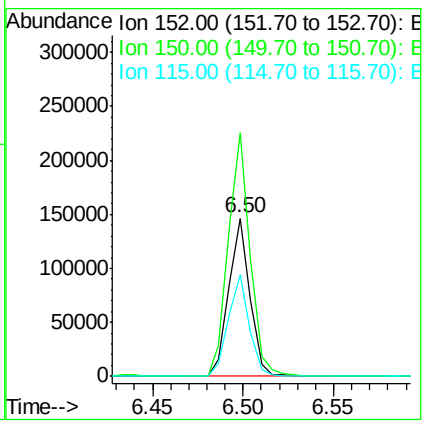


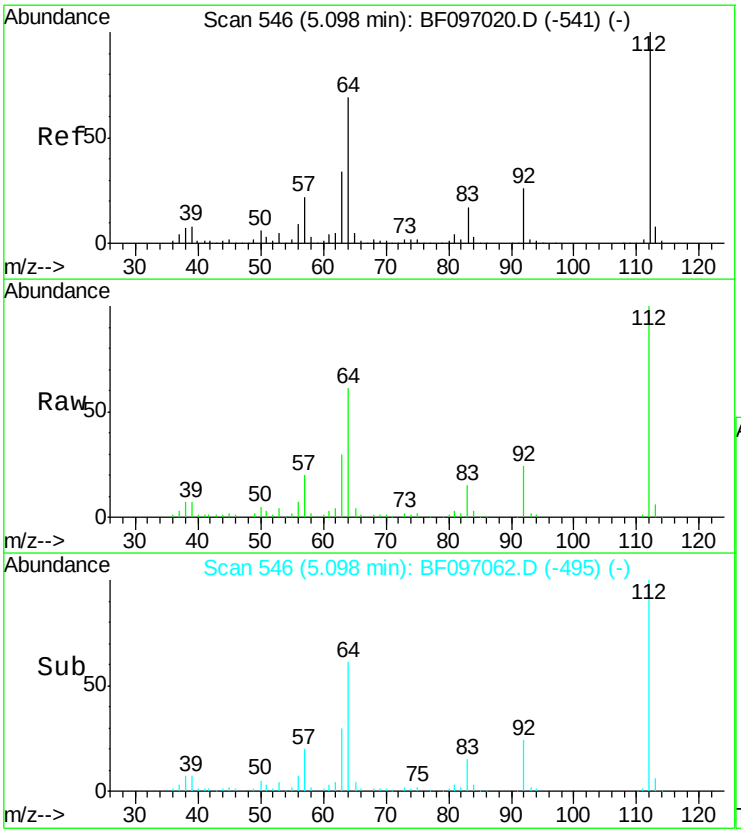
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119378

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	63.9	52.2	78.2

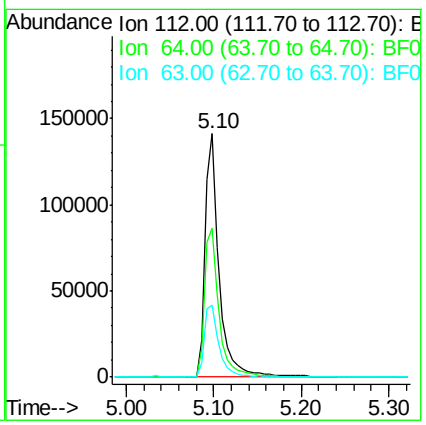


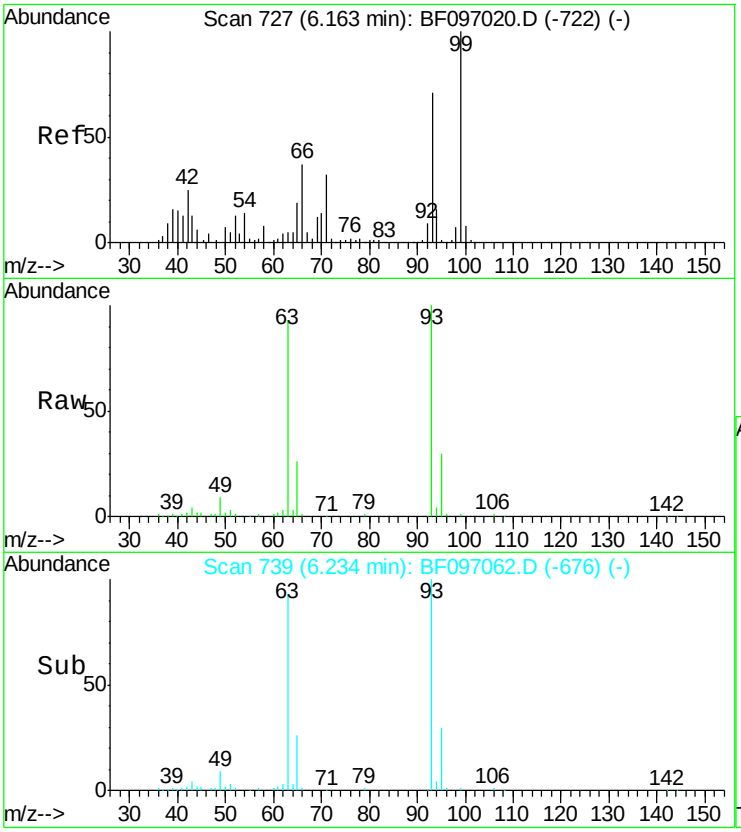


#5
2-Fluorophenol
Concen: 19.86 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:112 Resp: 157300

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.0	69.0
63	29.8	23.4	35.0



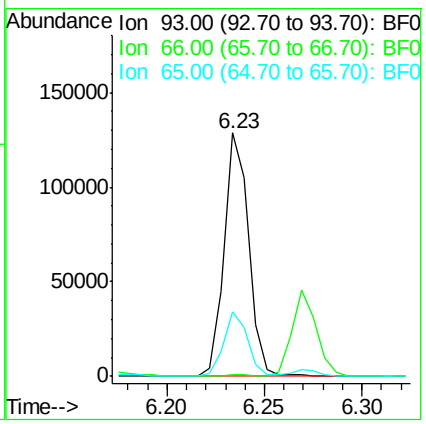


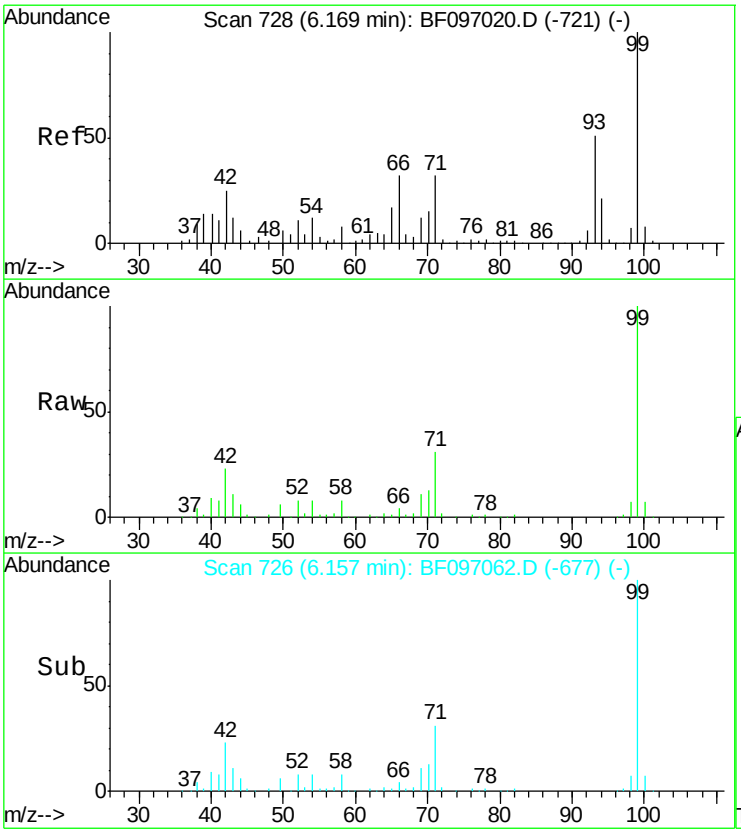
#6
Aniline
Concen: 9.85 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.07 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 112026

Ion	Ratio	Lower	Upper
93	100		
66	0.5	32.9	49.3#
65	26.2	16.0	24.0#

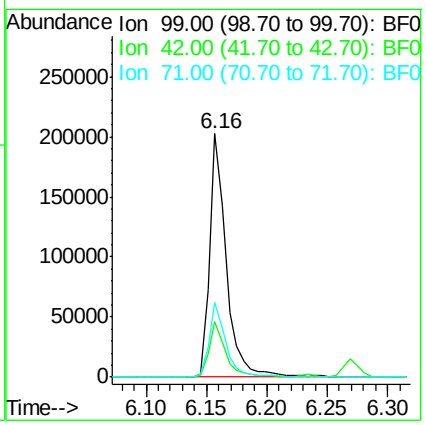


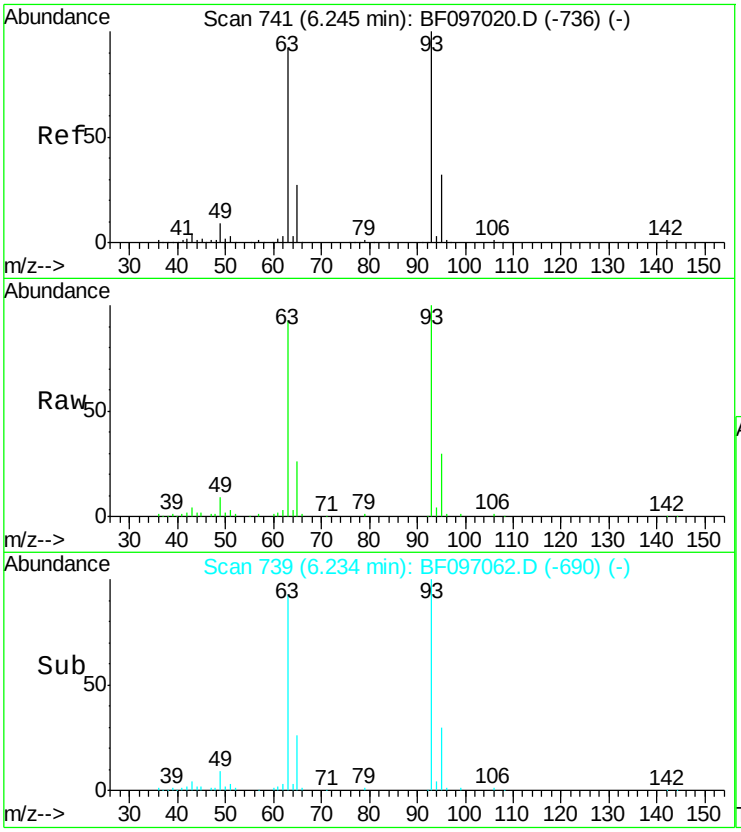


#7
Phenol-d6
Concen: 21.30 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion: 99 Resp: 192525

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	30.8	24.5	36.7



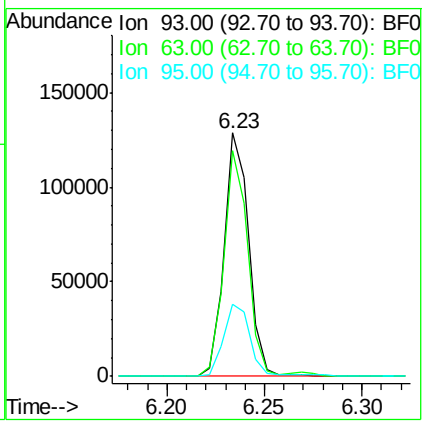


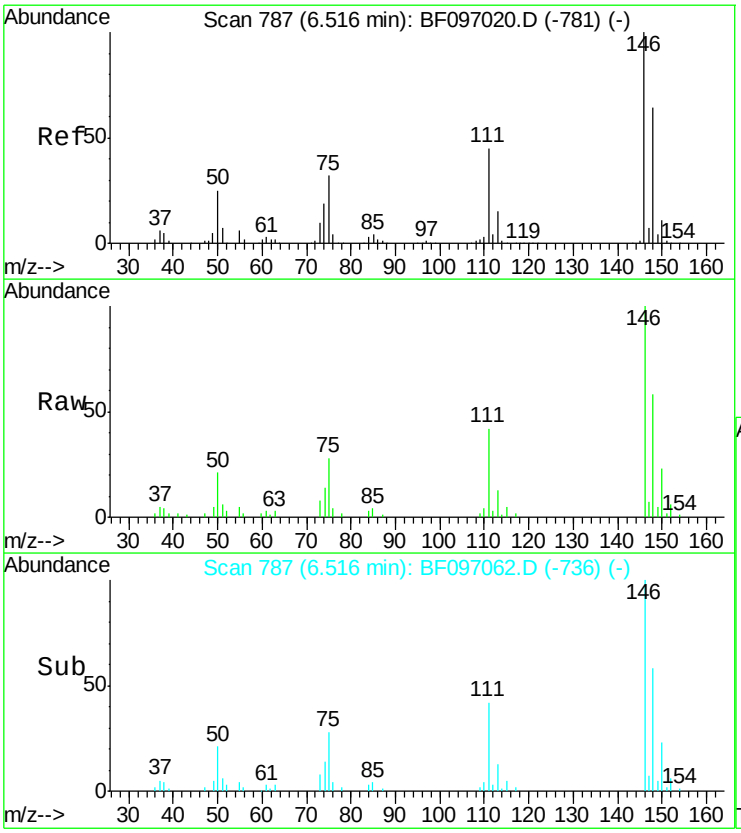
#11
bis(2-Chloroethyl)ether
Concen: 13.21 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 112026

Ion	Ratio	Lower	Upper
93	100		
63	92.6	59.2	99.2
95	29.9	12.8	52.8

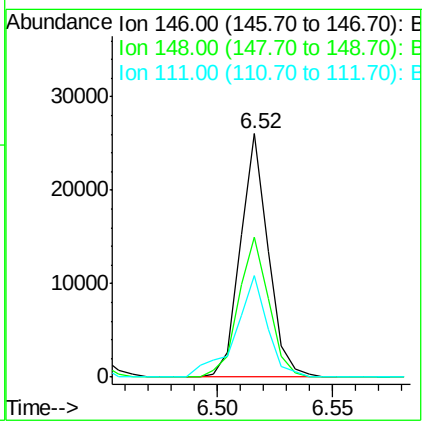


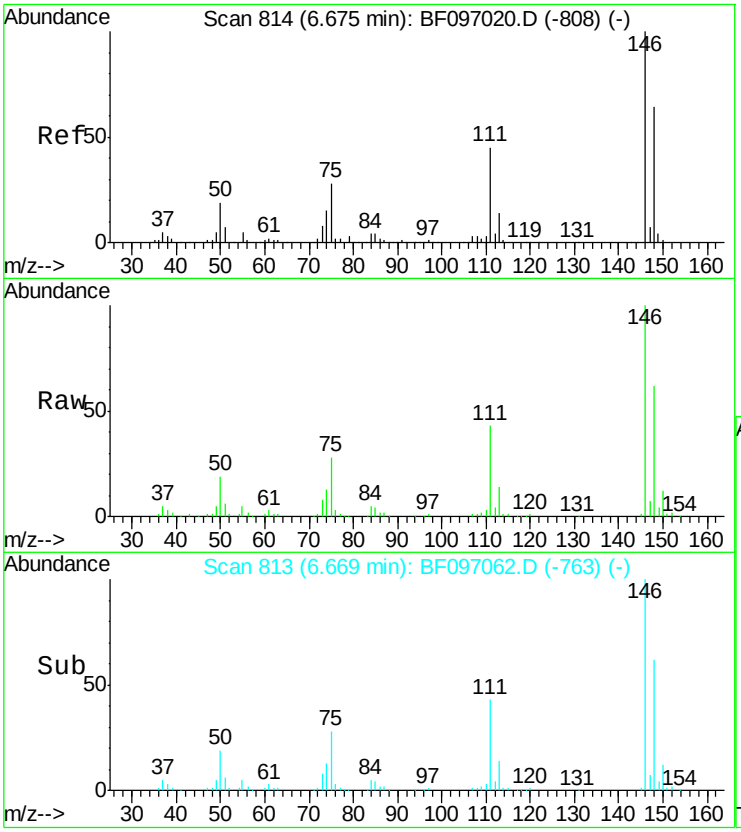


#13
1,4-Dichlorobenzene
Concen: 2.43 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:146 Resp: 22008

Ion	Ratio	Lower	Upper
146	100		
148	57.6	52.2	78.2
111	41.6	30.3	45.5



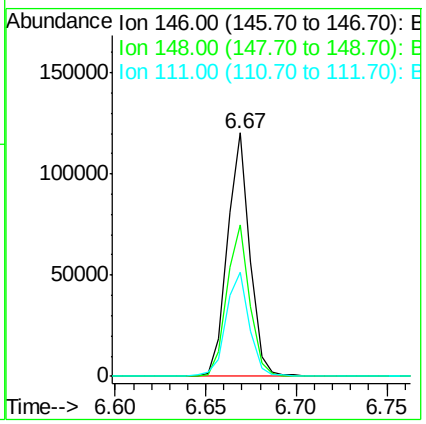


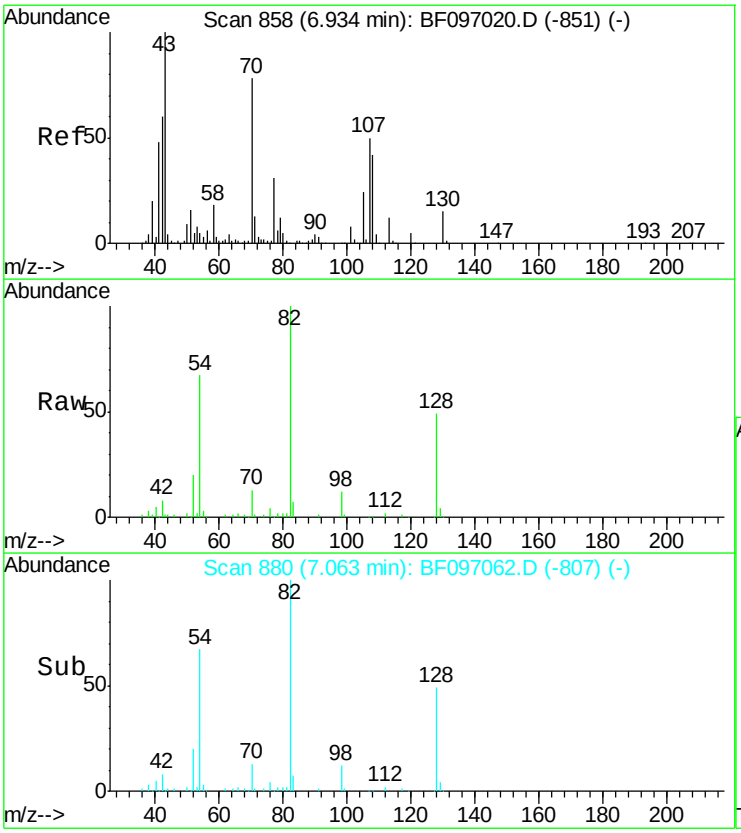
#14
1,2-Dichlorobenzene
Concen: 13.06 ng
RT: 6.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 103144

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.4	75.6
111	43.0	38.2	57.4

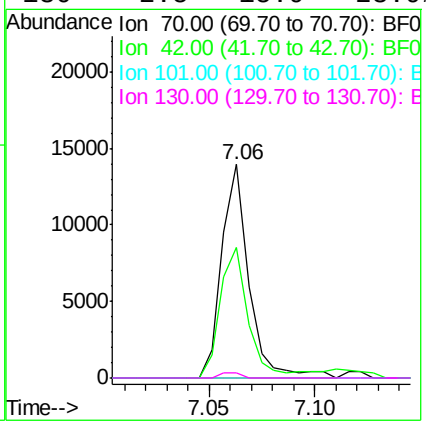


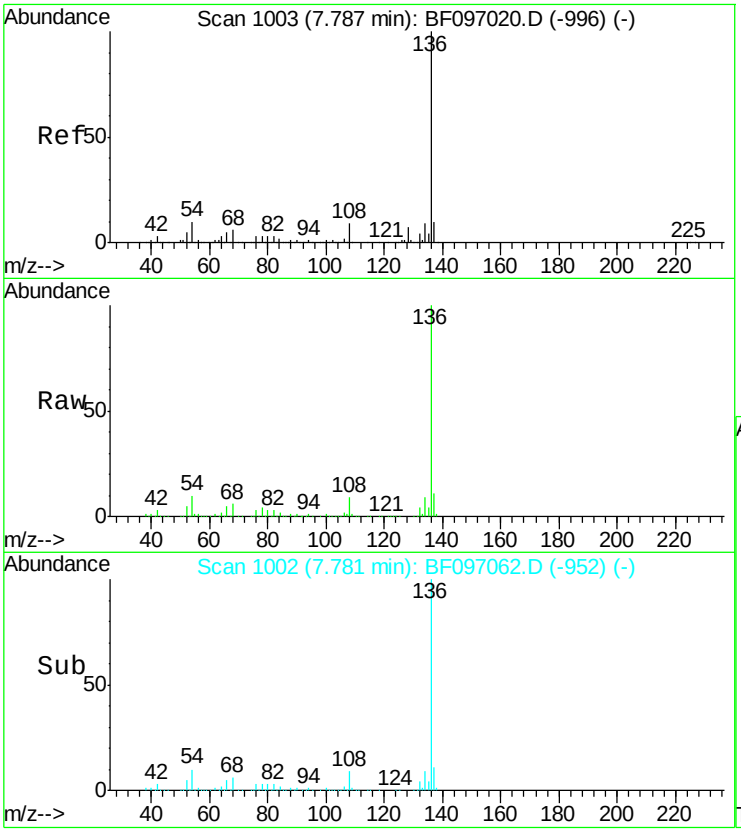


#19
n-Nitroso-di-n-propylamine
Concen: 2.08 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion: 70 Resp: 12396

Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



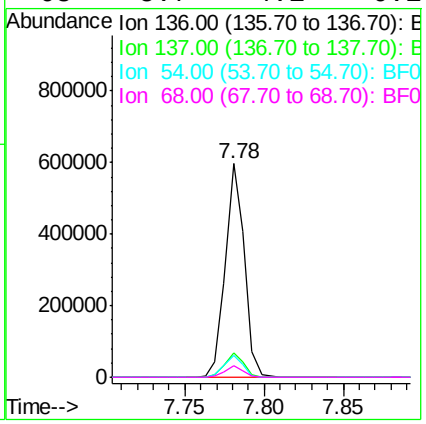


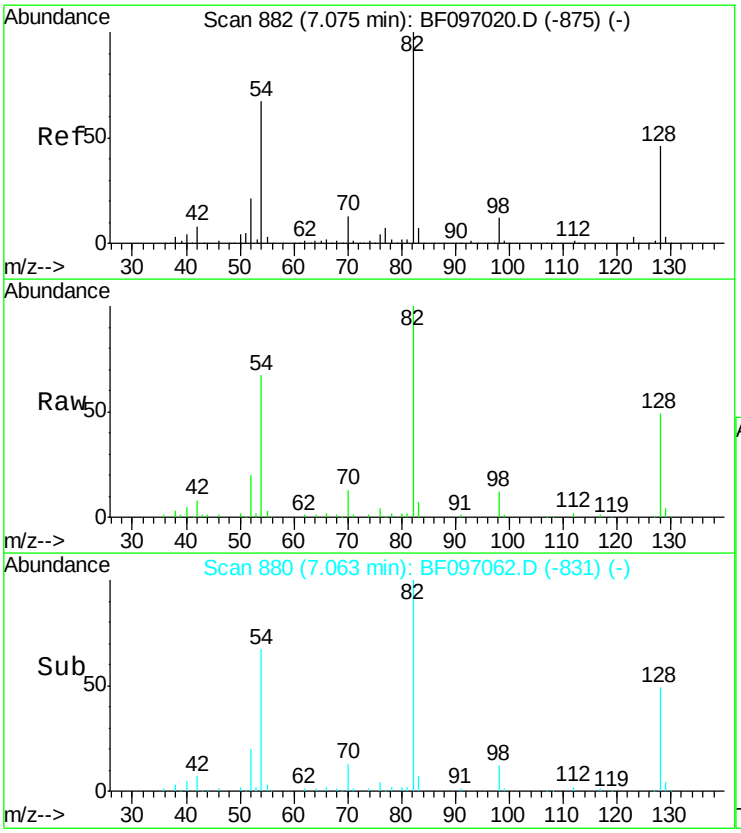
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 496286

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.3	4.9	7.3#
68	5.7	4.1	6.1

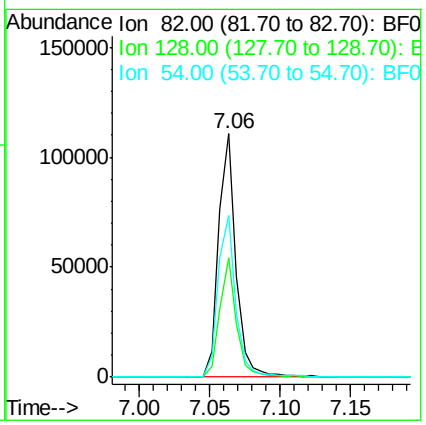


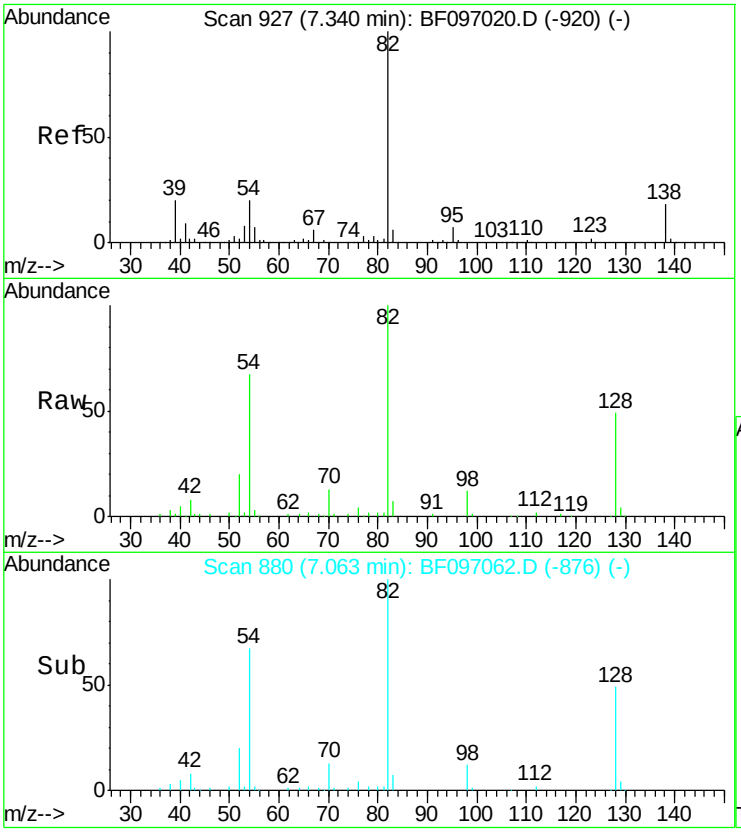


#23
Nitrobenzene-d5
Concen: 11.20 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion: 82 Resp: 94725

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	66.6	42.2	63.2#



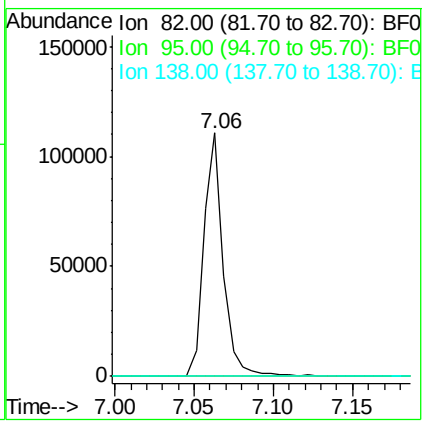


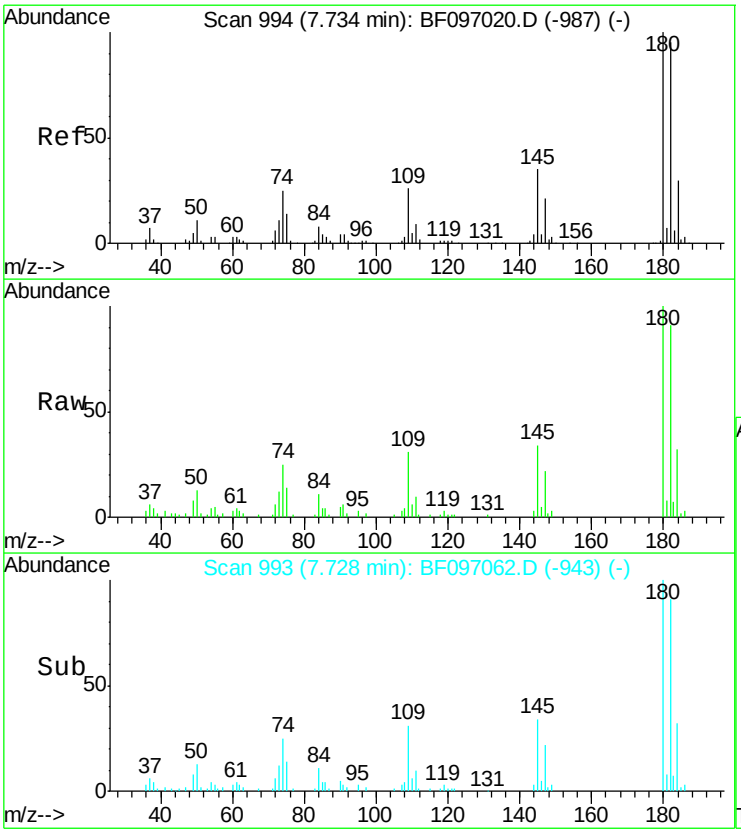
#25
Isophorone
Concen: 5.71 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 94611

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

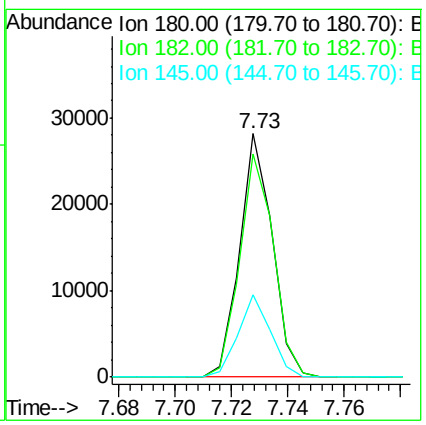


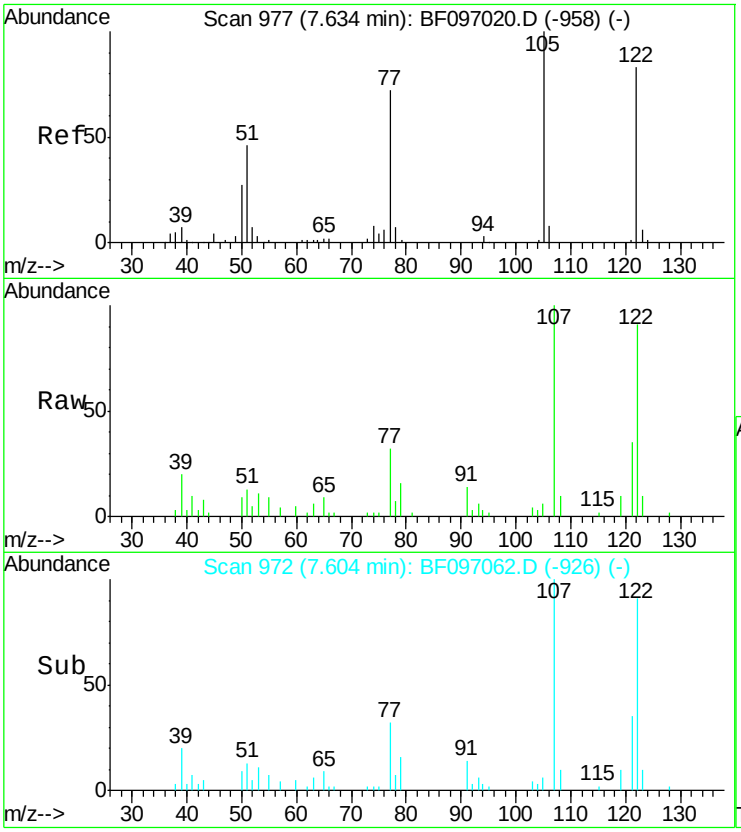


#30
1,2,4-Trichlorobenzene
Concen: 3.50 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:180 Resp: 22585

Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.8	113.6
145	34.0	25.3	37.9



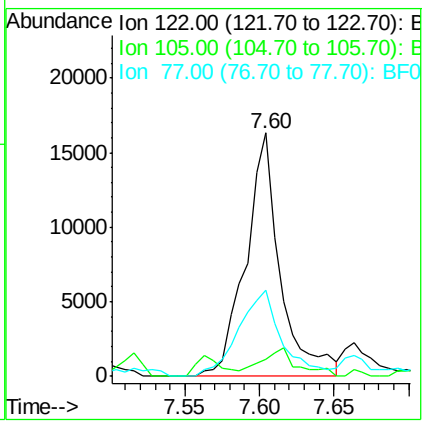


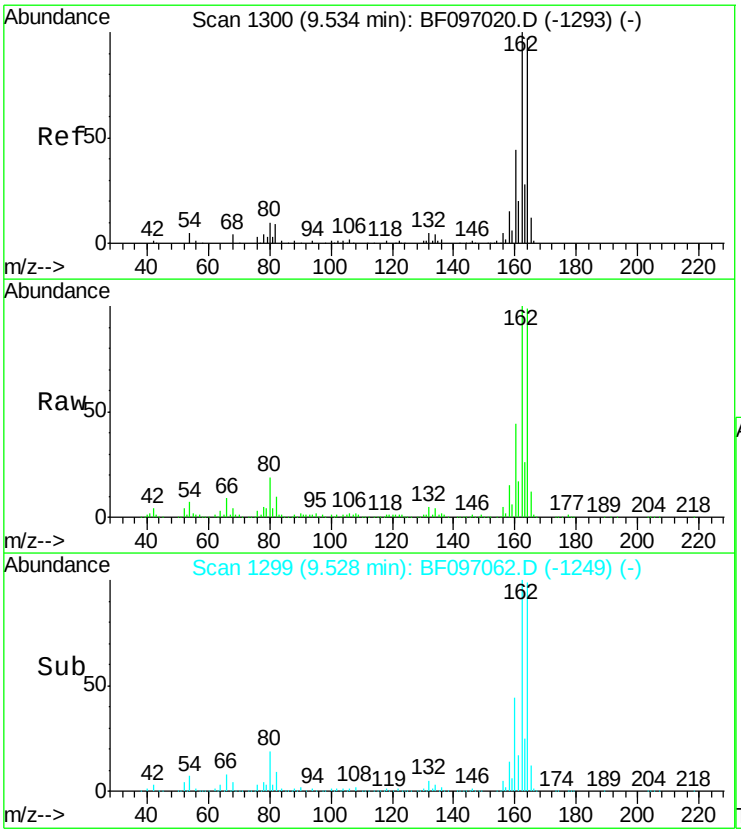
#32
Benzoic acid
Concen: 4.44 ng
RT: 7.60 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 26054

Ion	Ratio	Lower	Upper
122	100		
105	6.9	103.3	143.3#
77	35.1	73.7	113.7#

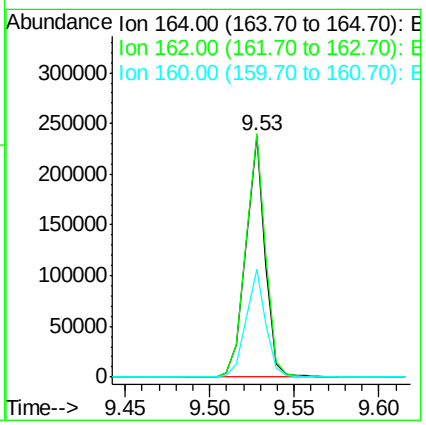


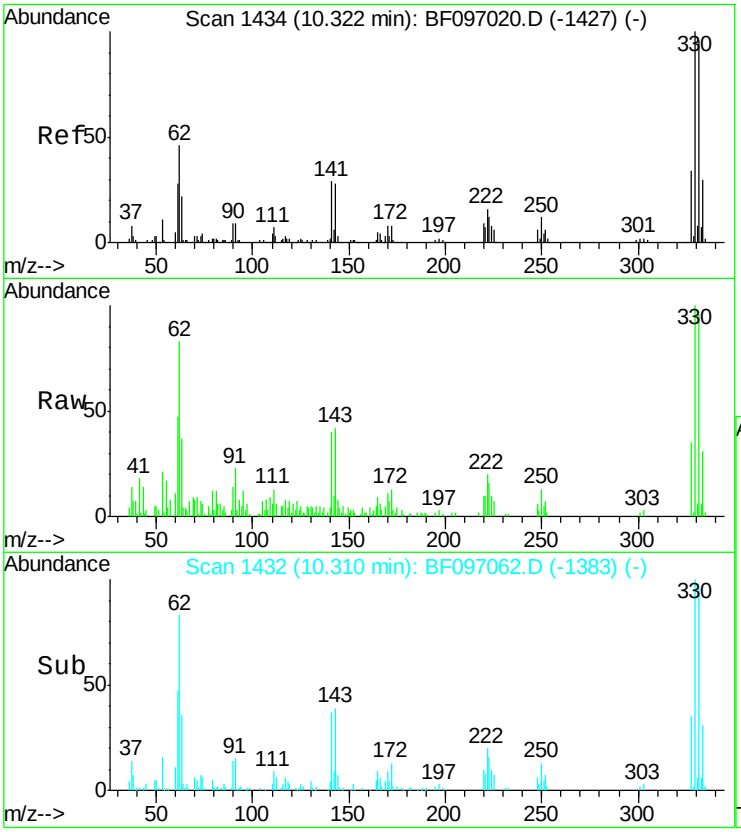


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:164 Resp: 190886

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.7	36.2	54.2



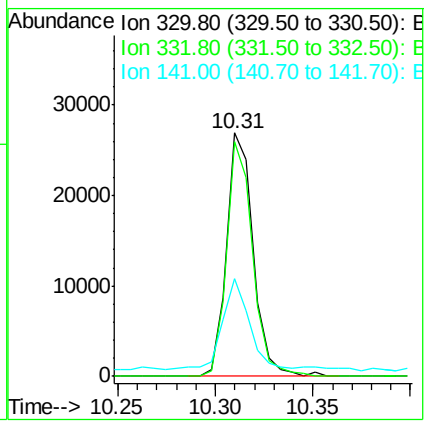


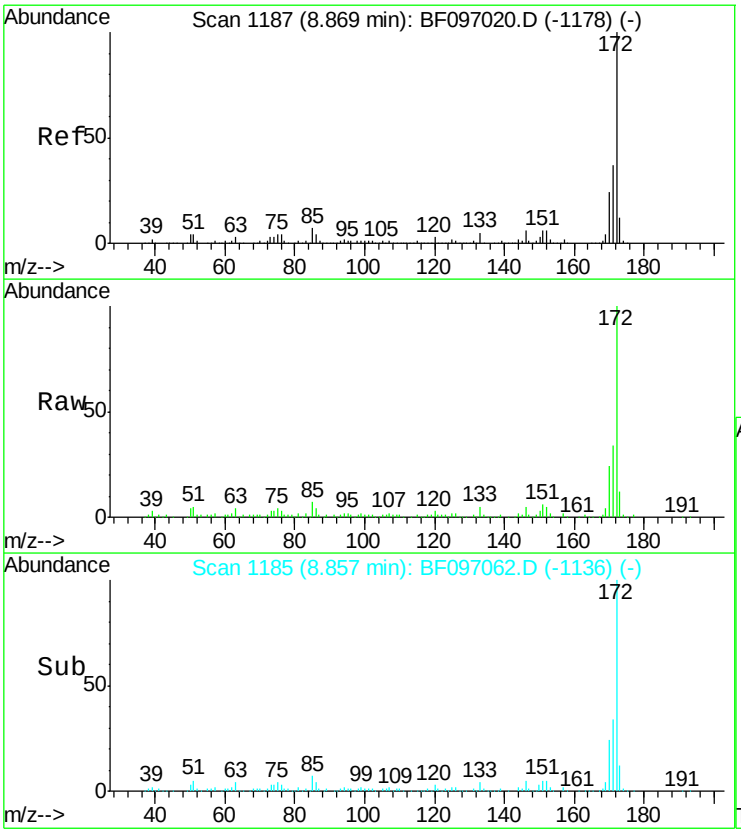
#41
2,4,6-Tribromophenol
Concen: 16.91 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 25504

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	38.0	31.4	47.2

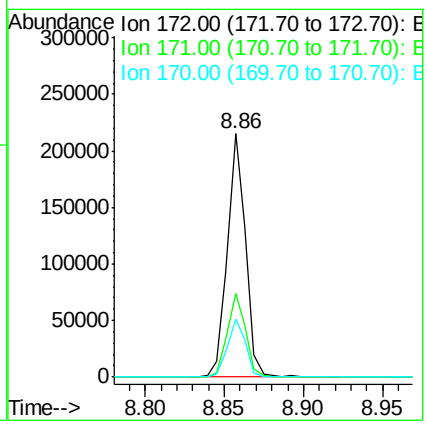


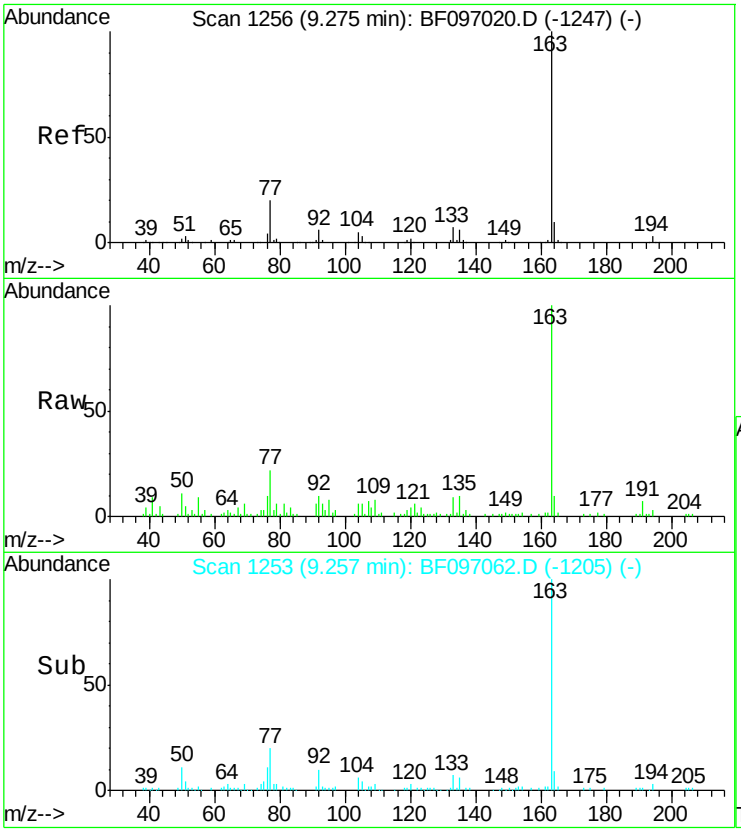


#44
2-Fluorobiphenyl
Concen: 15.16 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:172 Resp: 170567

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.9	19.8	29.8



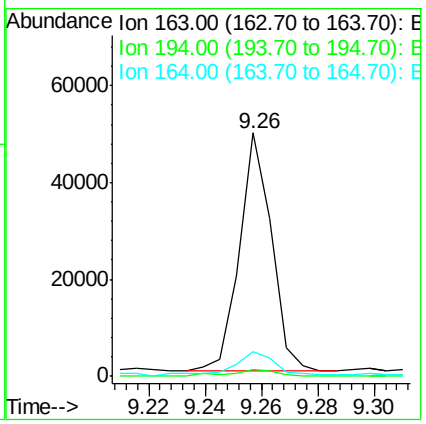


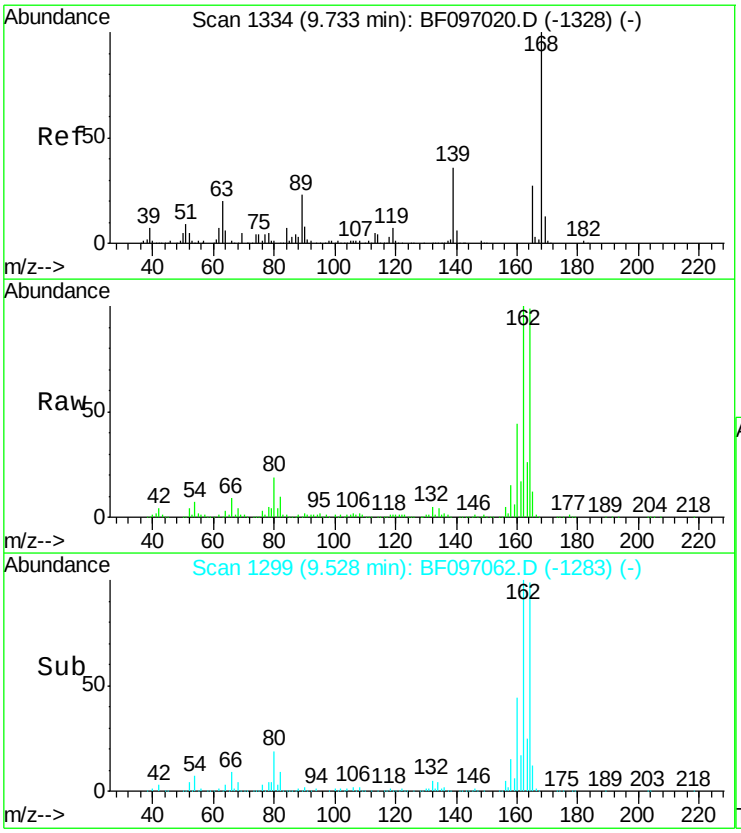
#49
Dimethylphthalate
Concen: 2.68 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 38801

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.0	8.4	12.6

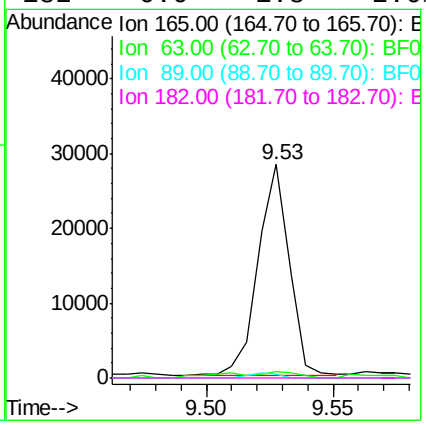


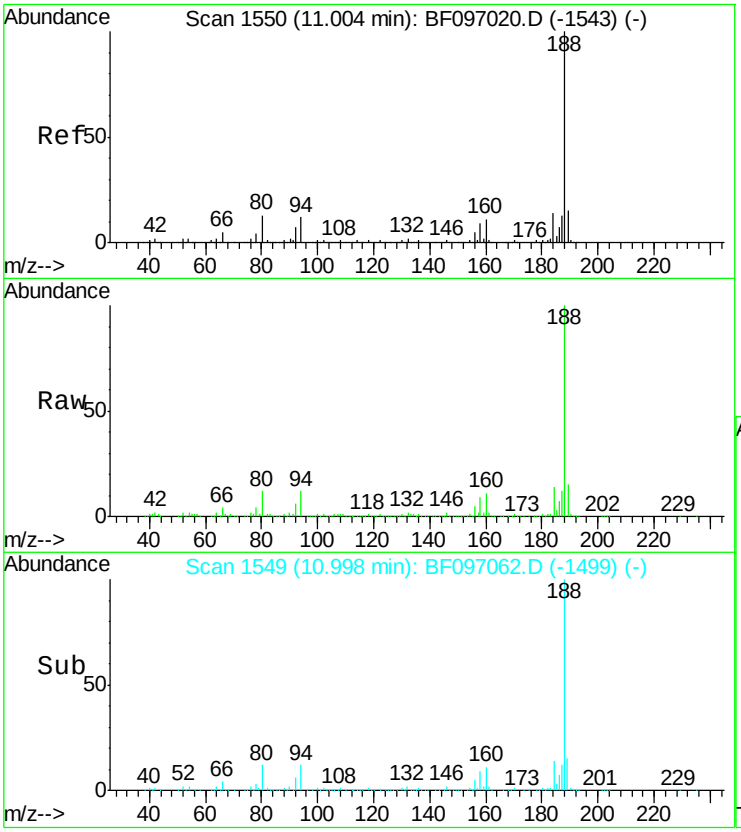


#56
2,4-Dinitrotoluene
Concen: 6.89 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:165 Resp: 24342

Ion	Ratio	Lower	Upper
165	100		
63	3.2	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



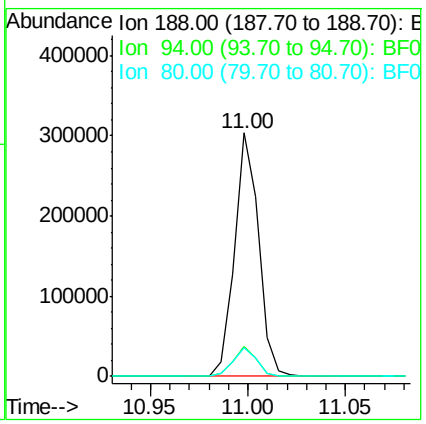


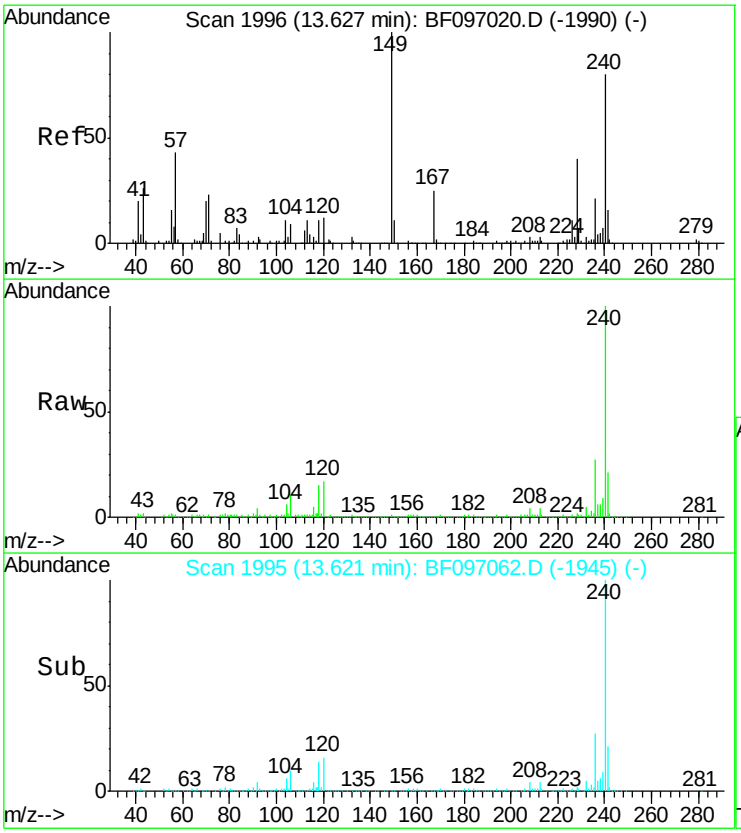
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 258812

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	11.8	10.2	15.2

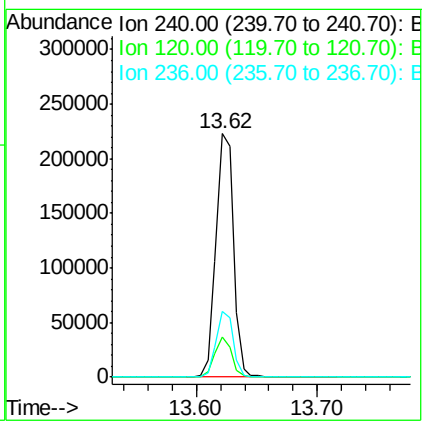


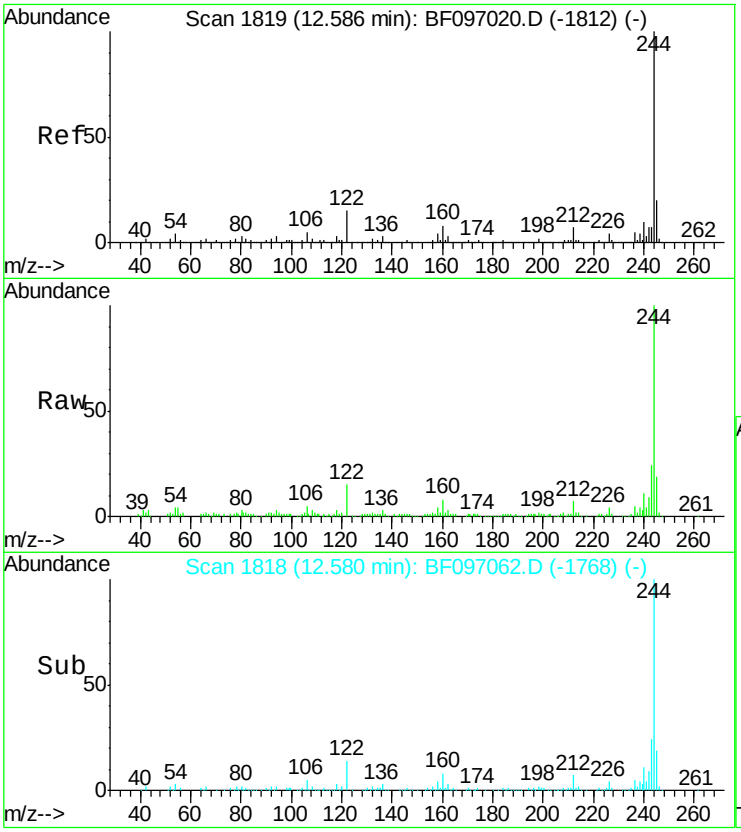


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:240 Resp: 223358

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	26.8	20.5	30.7



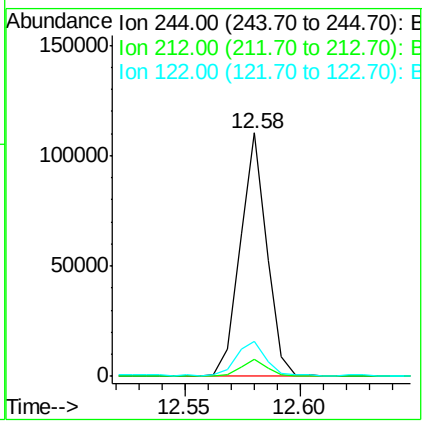


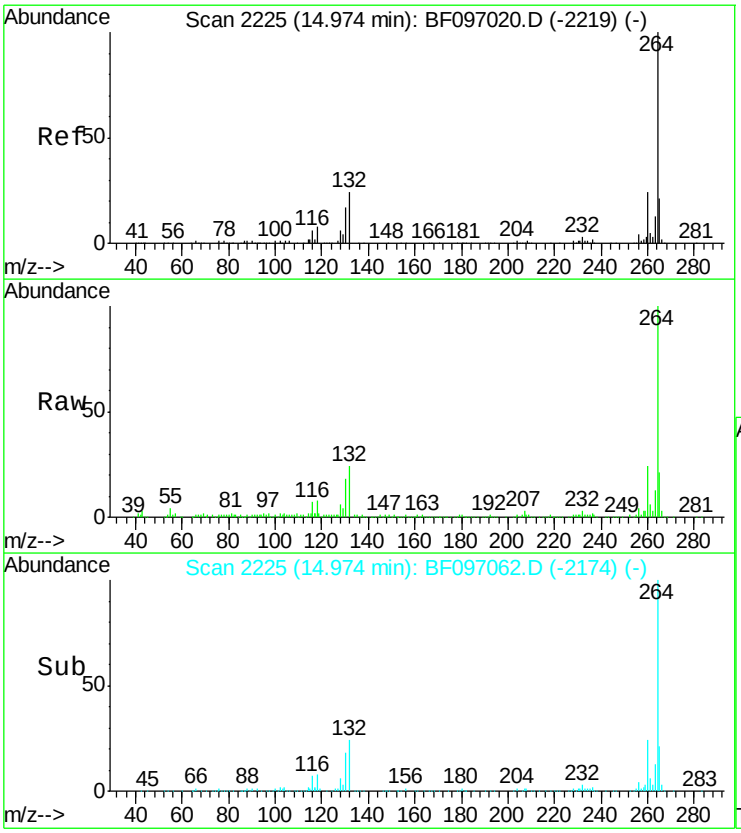
#78
Terphenyl-d14
Concen: 8.06 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 88321

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.5	10.3	15.5

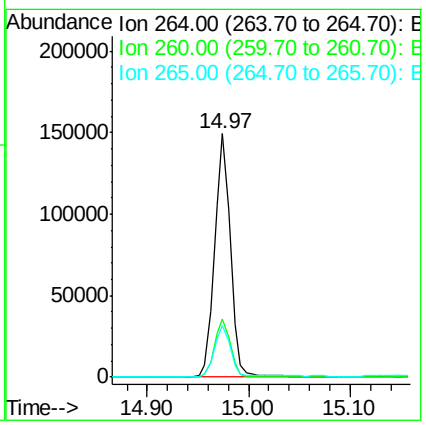


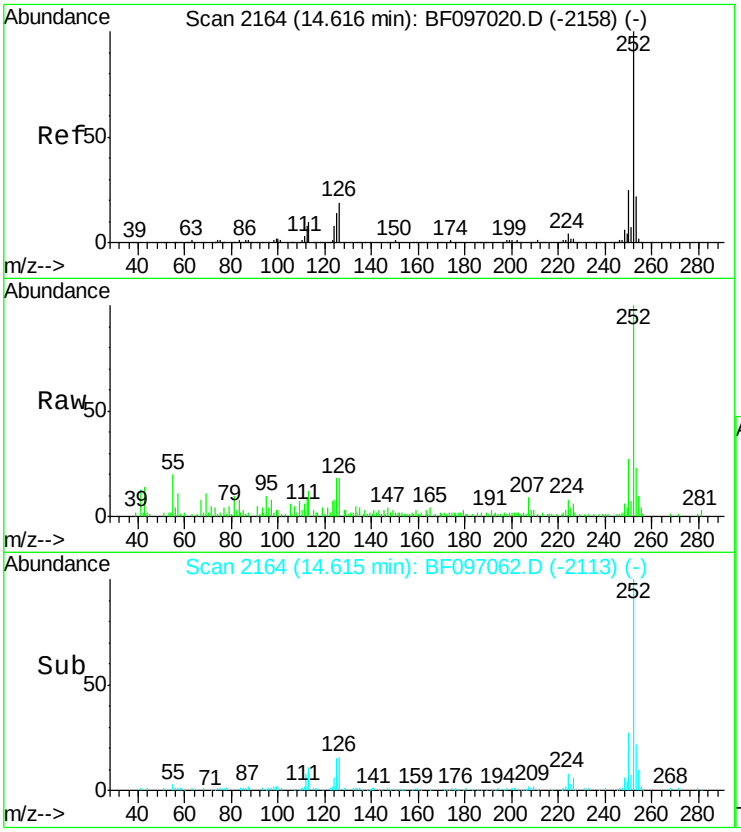


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:264 Resp: 161802

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8



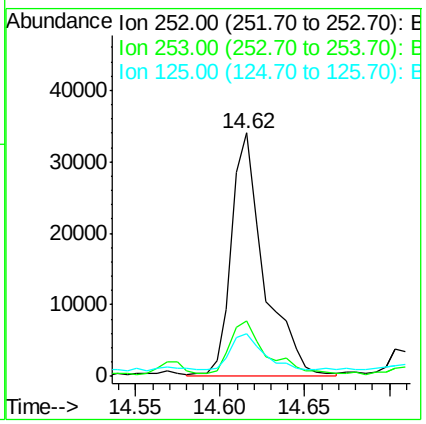


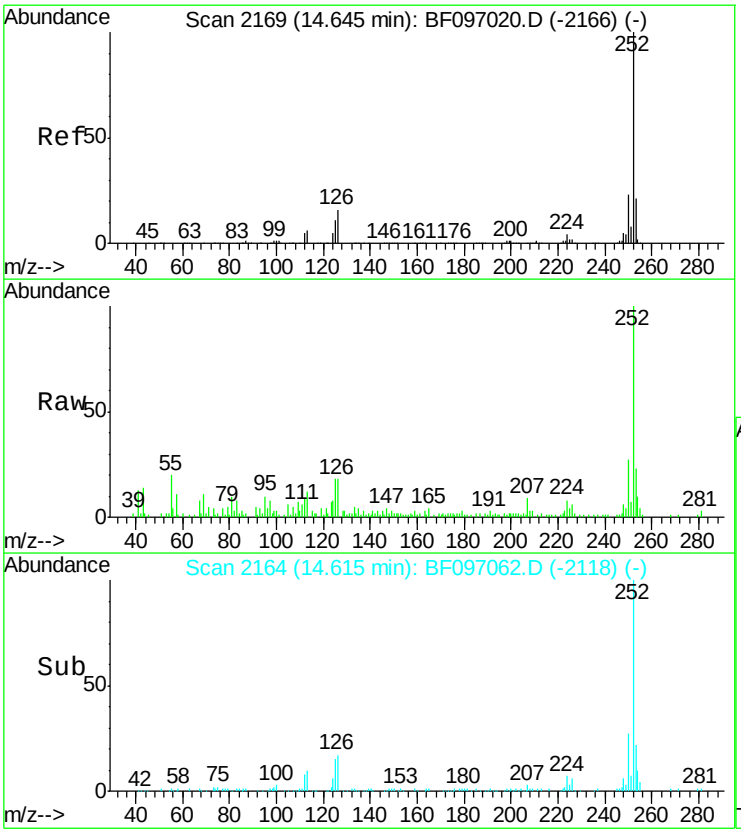
#87
Benzo(b)fluoranthene
Concen: 4.72 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45948

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	17.8	9.8	14.8#

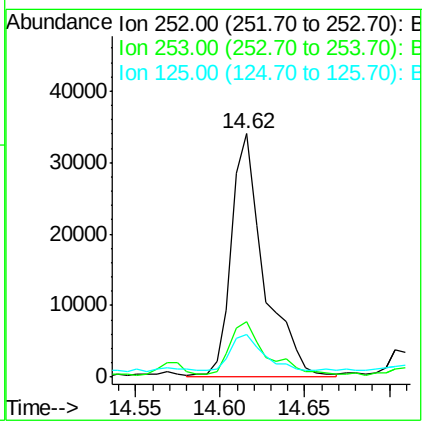


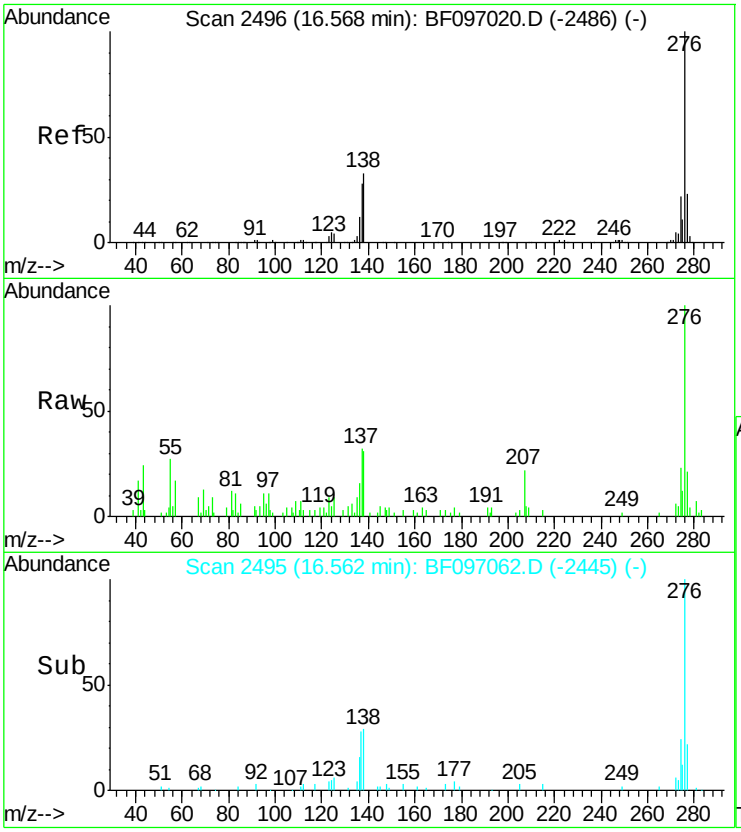


#88
Benzo(k)fluoranthene
Concen: 4.96 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Tgt Ion:252 Resp: 45948

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	17.8	13.1	19.7





#91
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 16.56 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BF097062.D
Acq: 26 Jul 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25282

Ion	Ratio	Lower	Upper
276	100		
277	21.1	18.6	28.0
138	31.2	25.4	38.0