Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097387.D
Acq On : 5 Aug 2017 6:25
Operator : SJ/JU
Sample : I4522-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-SS2DL

Quant Time: Aug 06 00:54:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	110446	20.00	ng		-0.06
21) Naphthalene-d8	7.72	136	431462	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	150559	20.00	ng		-0.07
63) Phenanthrene-d10	10.93	188	213663	20.00	ng		-0.07
75) Chrysene-d12	13.56	240	202550	20.00	ng		-0.07
86) Perylene-d12	14.89	264	156976	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	161065	21.98	ng		-0.06
7) Phenol-d6	6.12	99	228470	27.32	ng		-0.05
23) Nitrobenzene-d5	7.01	82	119729	16.28	ng		-0.06
41) 2,4,6-Tribromophenol	10.25	330	24126	20.28	ng		-0.07
44) 2-Fluorobiphenyl	8.80	172	178941	20.17	ng		-0.07
78) Terphenyl-d14	12.51	244	118949	11.97	ng		-0.08
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.01	70	15604	2.83	ng	#	84
25) Isophorone	7.01	82	119728	8.31	ng	#	67
31) Naphthalene	7.75	128	45663	2.25	ng		98
49) Dimethylphthalate	9.20	163	25198	2.20	ng		100
50) 2,6-Dinitrotoluene	9.46	165	19724	8.13	ng	#	34
51) Acenaphthene	9.49	154	27939	3.27	ng		98
54) Dibenzofuran	9.67	168	23917	2.10	ng		96
55) 4-Nitrophenol	9.67	139	8752	4.89	ng	#	25
56) 2,4-Dinitrotoluene	9.46	165	19724	7.08	ng	#	34
57) Fluorene	10.00	166	31531	3.68	ng		97
70) Phenanthrene	10.96	178	308813	26.97	ng		99
71) Anthracene	11.01	178	91692	7.82	ng		98
72) Carbazole	11.17	167	40389	3.50	ng		97
74) Fluoranthene	12.14	202	476242	42.46	ng		98
77) Pyrene	12.36	202	427445	25.78	ng		99
80) Benzo(a)anthracene	13.54	228	263472	20.10	ng		99
82) Chrysene	13.58	228	212872	16.63	ng		98
85) Indeno(1,2,3-cd)pyrene	16.09	276	81928	7.47	ng		99
87) Benzo(b)fluoranthene	14.54	252	337410	35.76	ng	#	96
88) Benzo(k)fluoranthene	14.54	252	337410	37.52	ng		99
89) Benzo(a)pyrene	14.84	252	161346	18.68	ng		98
91) Benzo(g,h,i)perylene	16.45	276	69990	9.42	ng		94

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

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TP-5-SS2DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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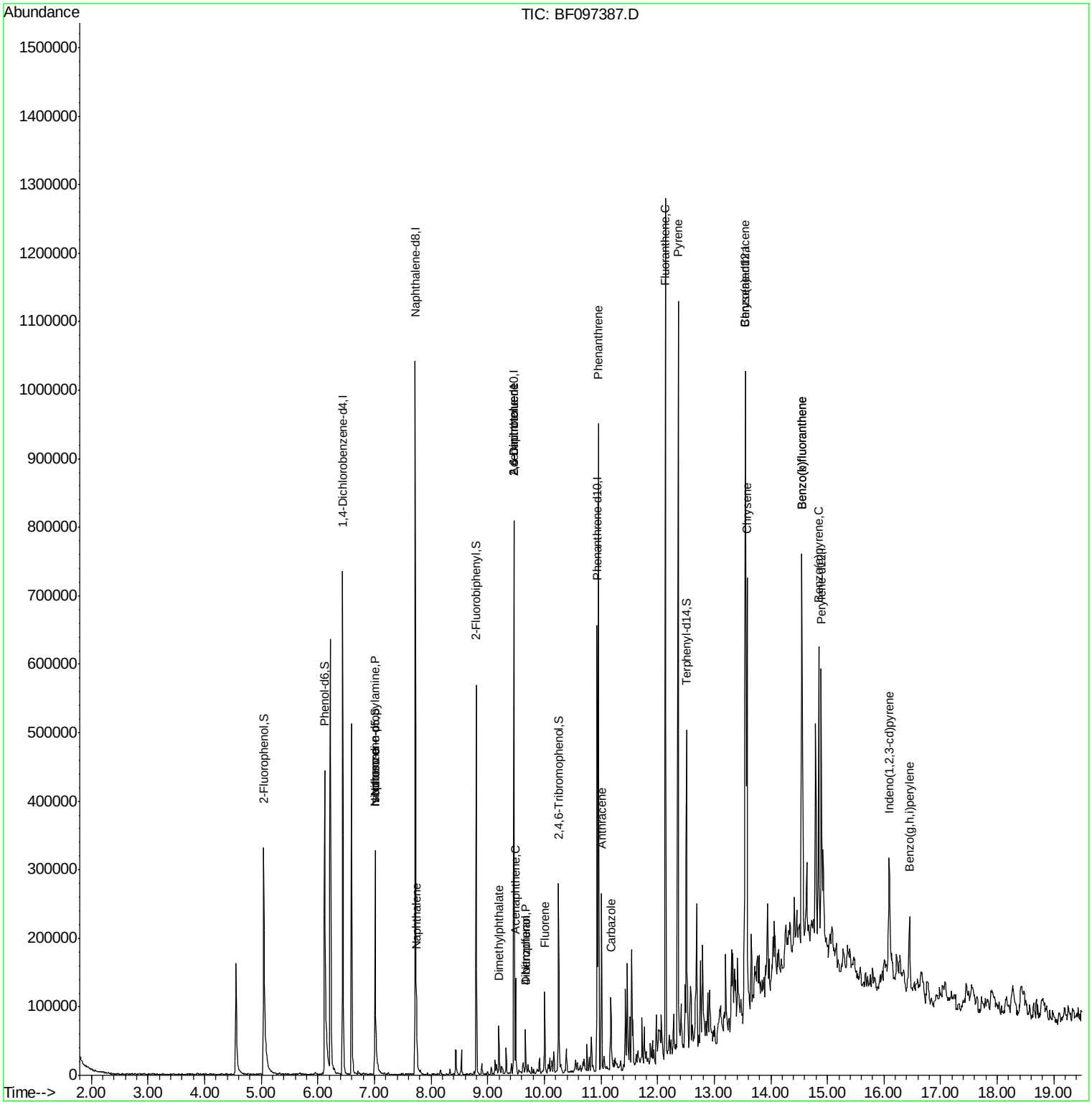
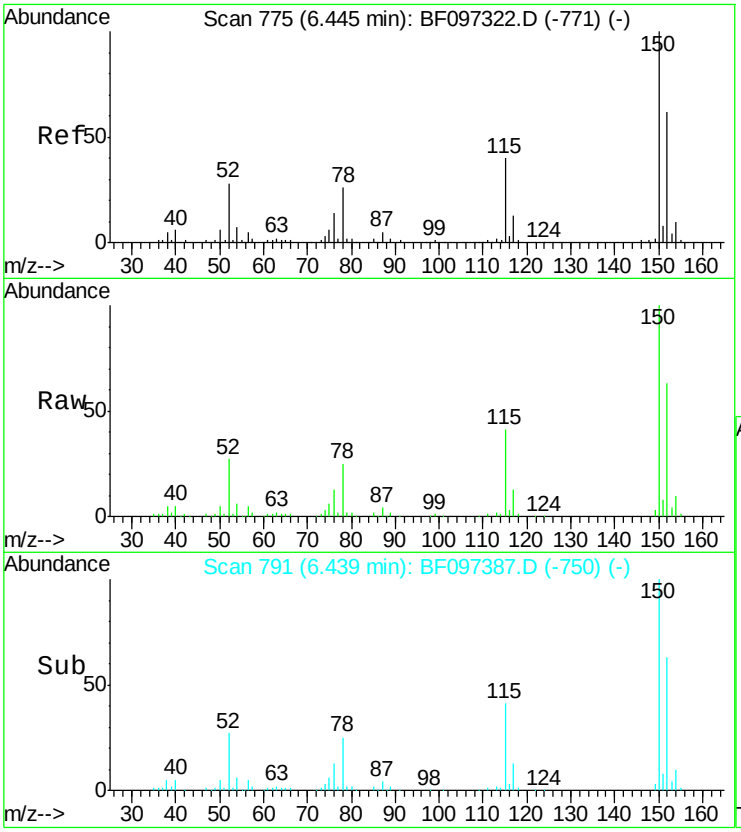


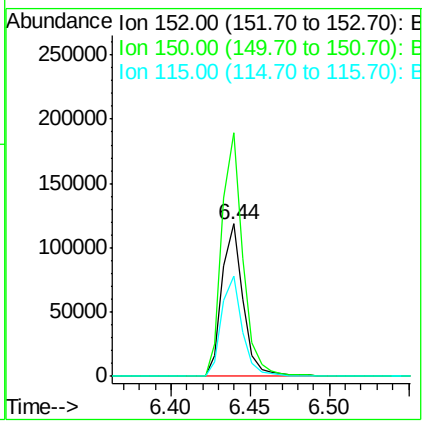


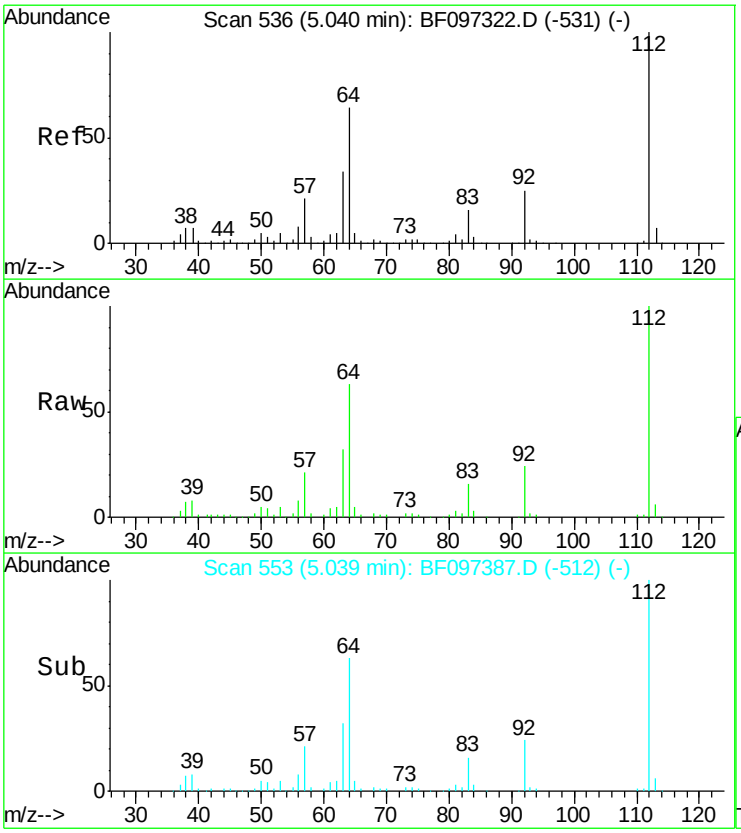
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:152 Resp: 110446

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	65.5	52.2	78.2

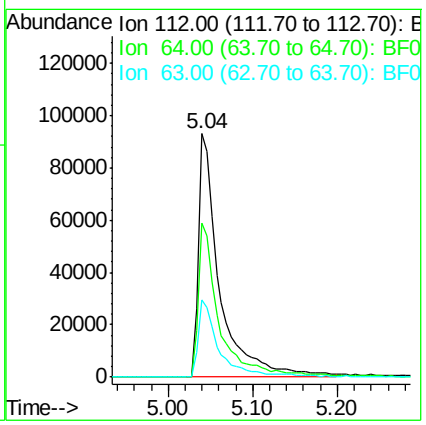


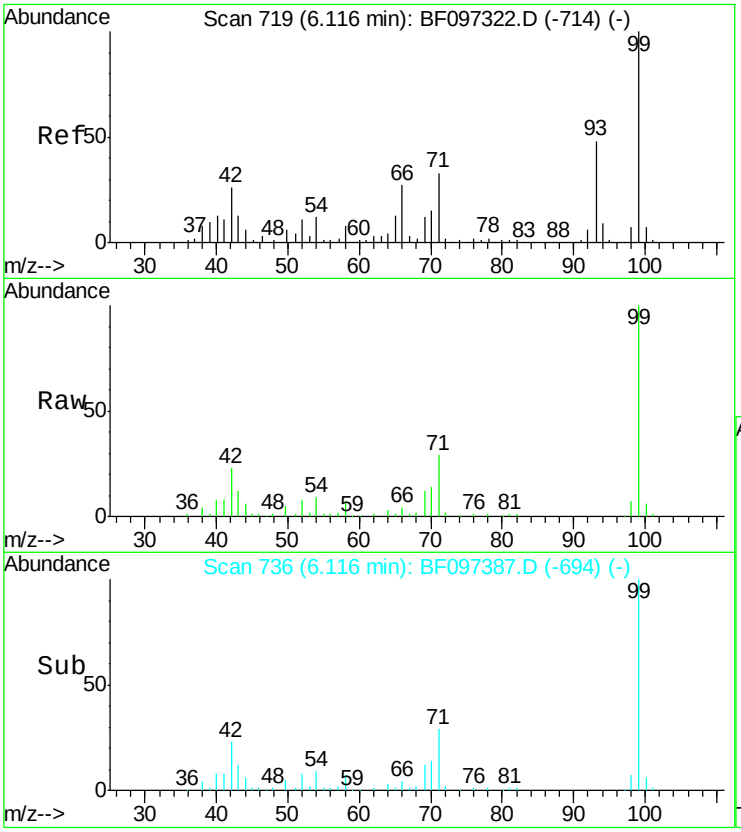


#5
2-Fluorophenol
Concen: 21.98 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:112 Resp: 161065

Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.0	69.0
63	31.6	23.4	35.0



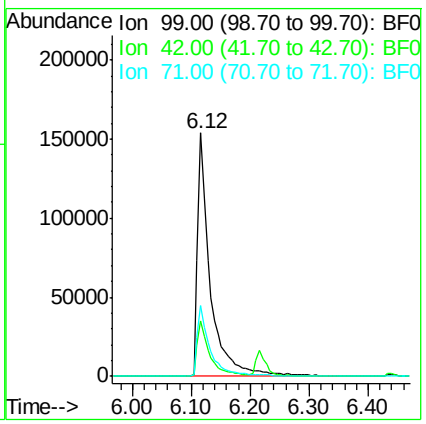


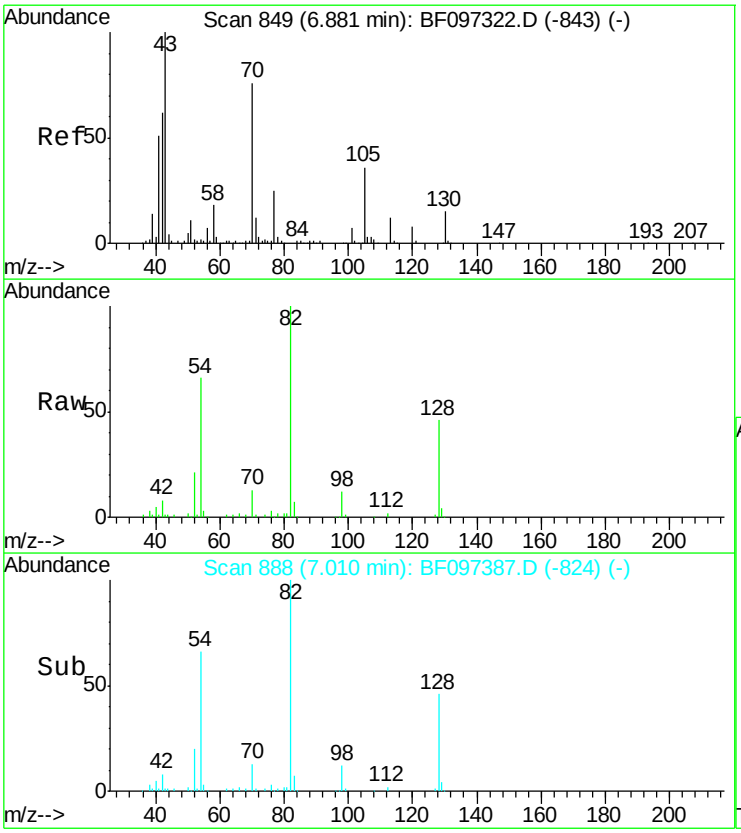
#7
Phenol-d6
Concen: 27.32 ng
RT: 6.12 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion: 99 Resp: 228470

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	29.3	24.5	36.7

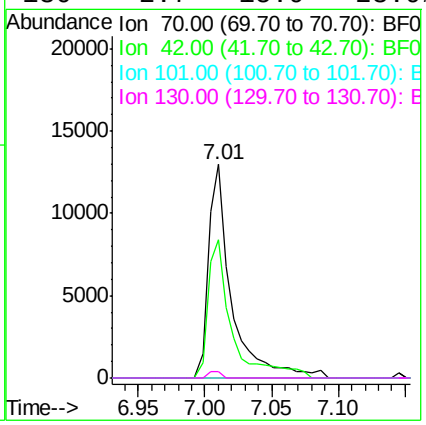


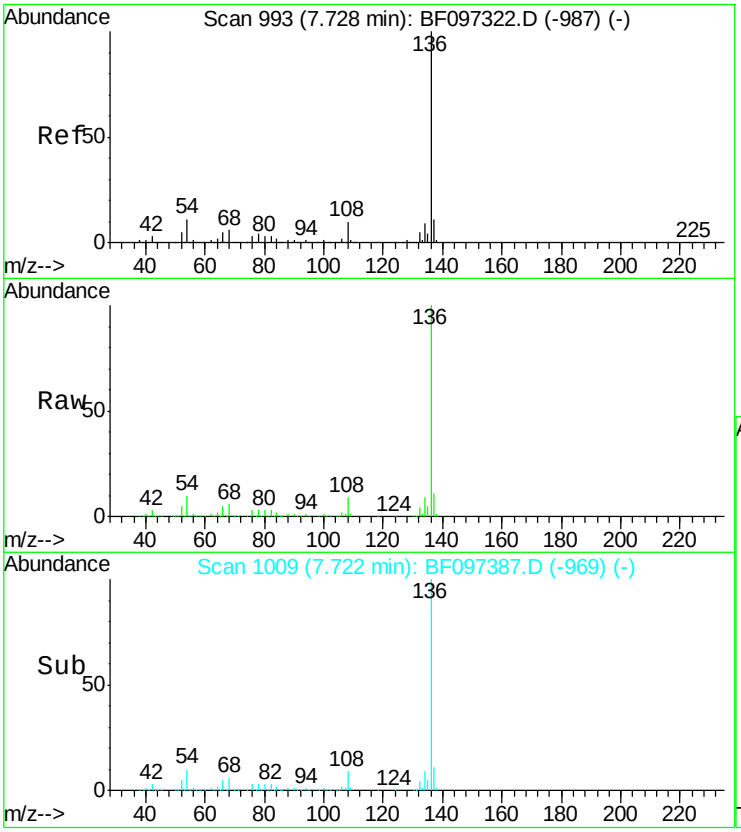


#19
n-Nitroso-di-n-propylamine
Concen: 2.83 ng
RT: 7.01 min Scan# 888
Delta R.T. 0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion: 70 Resp: 15604

Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



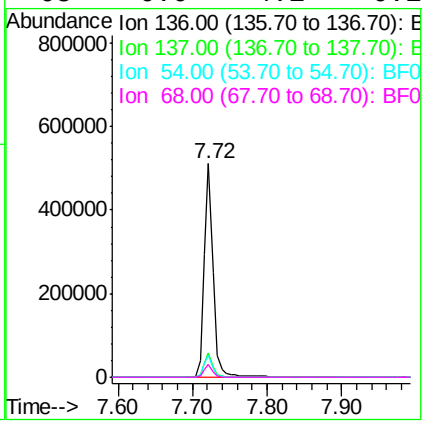


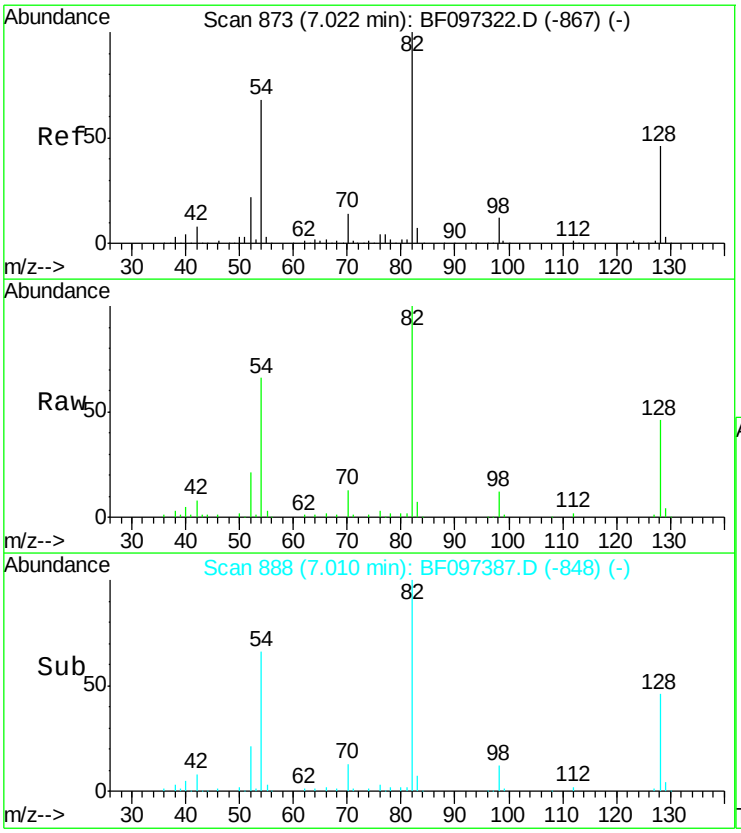
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:136 Resp: 431462

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.4	4.9	7.3#
68	6.0	4.1	6.1

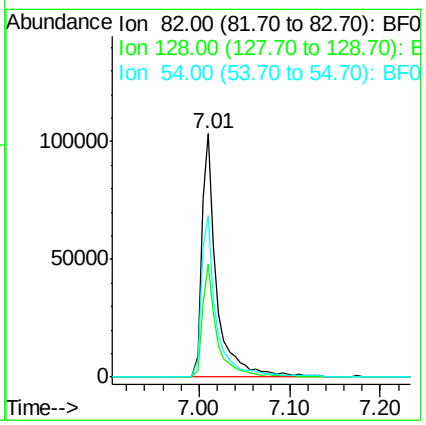


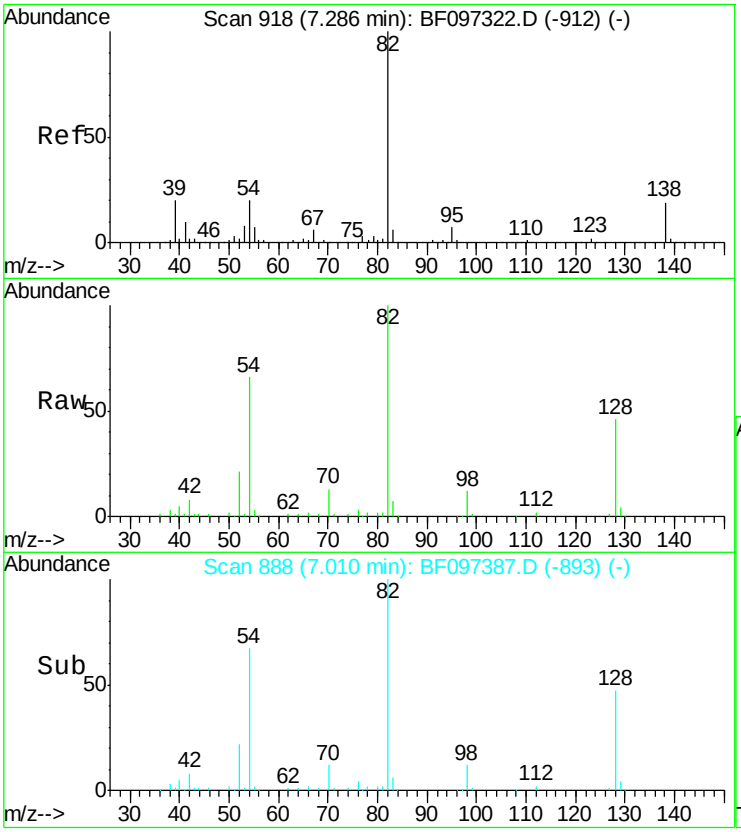


#23
Nitrobenzene-d5
Concen: 16.28 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion: 82 Resp: 119729

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	66.3	42.2	63.2#



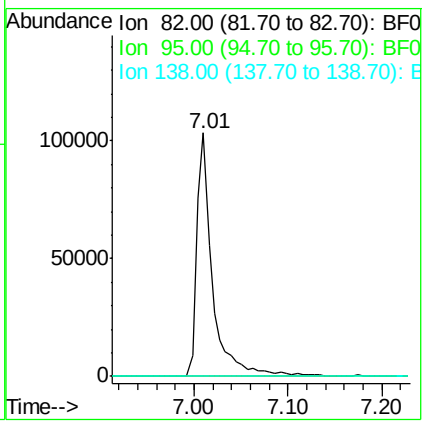


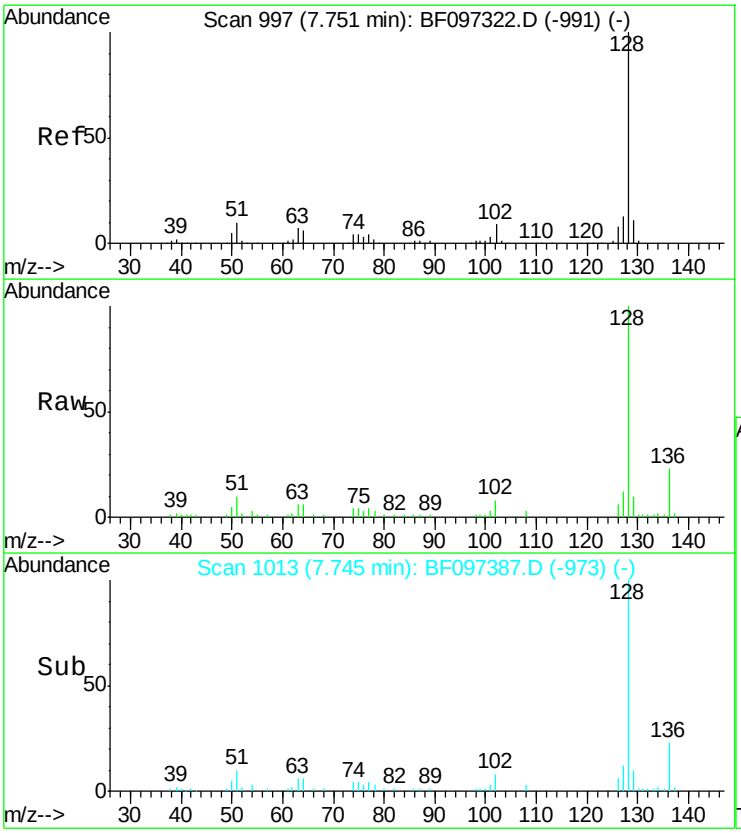
#25
Isophorone
Concen: 8.31 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.33 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion: 82 Resp: 119728

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

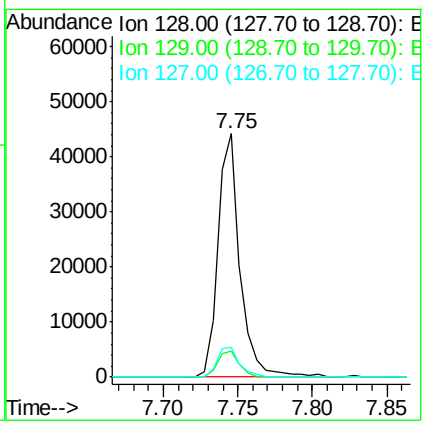


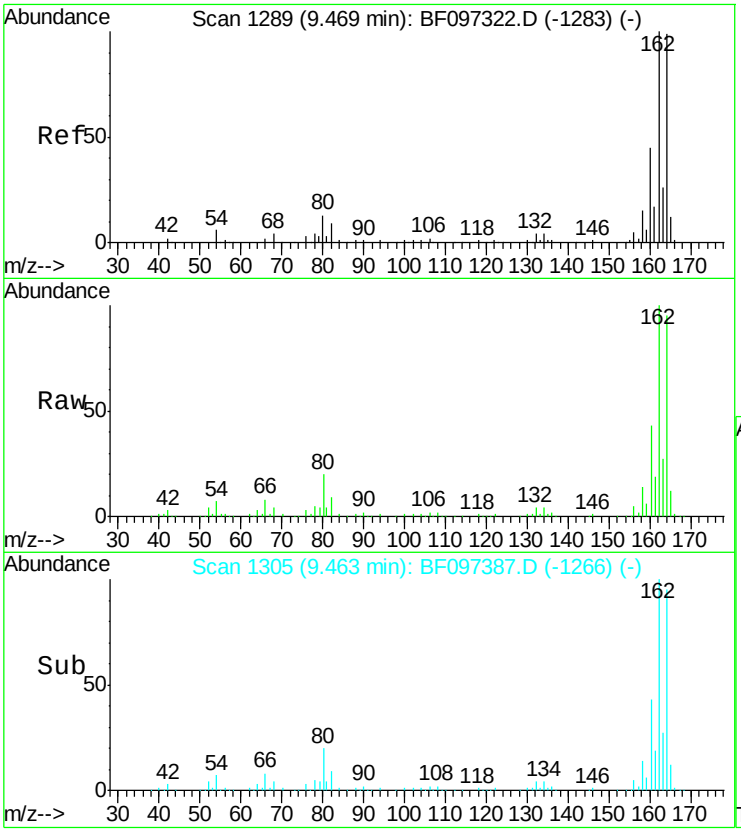


#31
Naphthalene
Concen: 2.25 ng
RT: 7.75 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:128 Resp: 45663

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.5	10.8	16.2



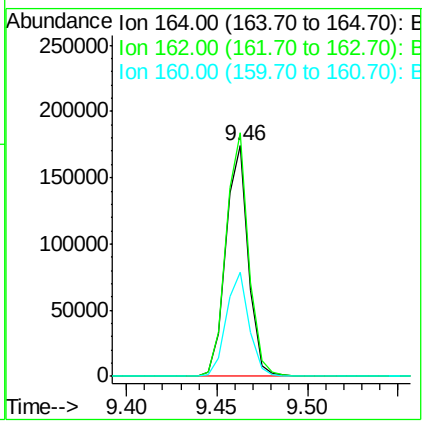


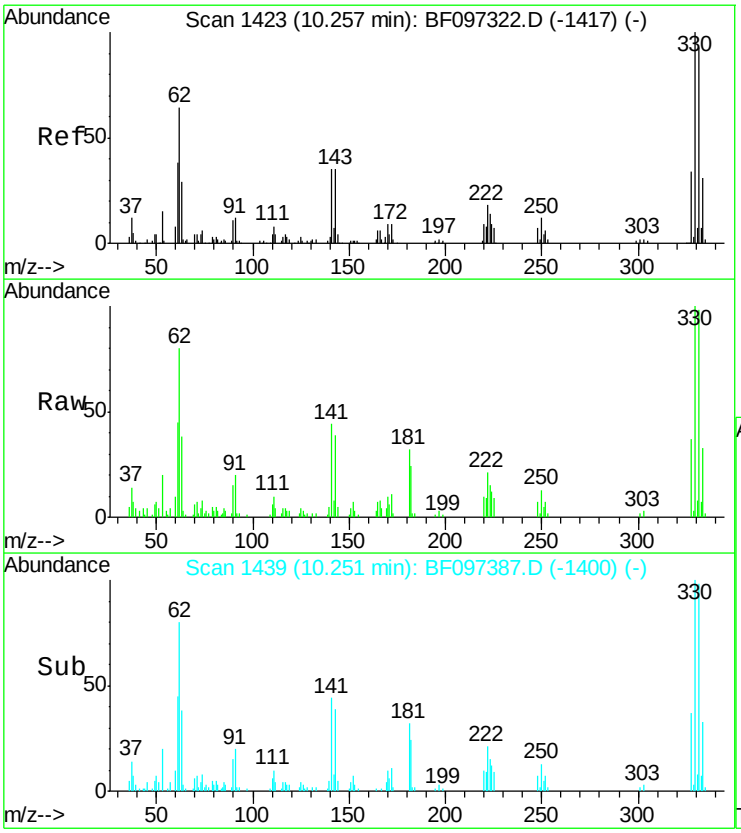
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:164 Resp: 150559

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	45.1	36.2	54.2

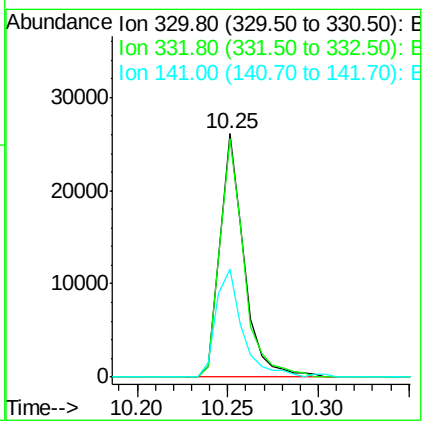


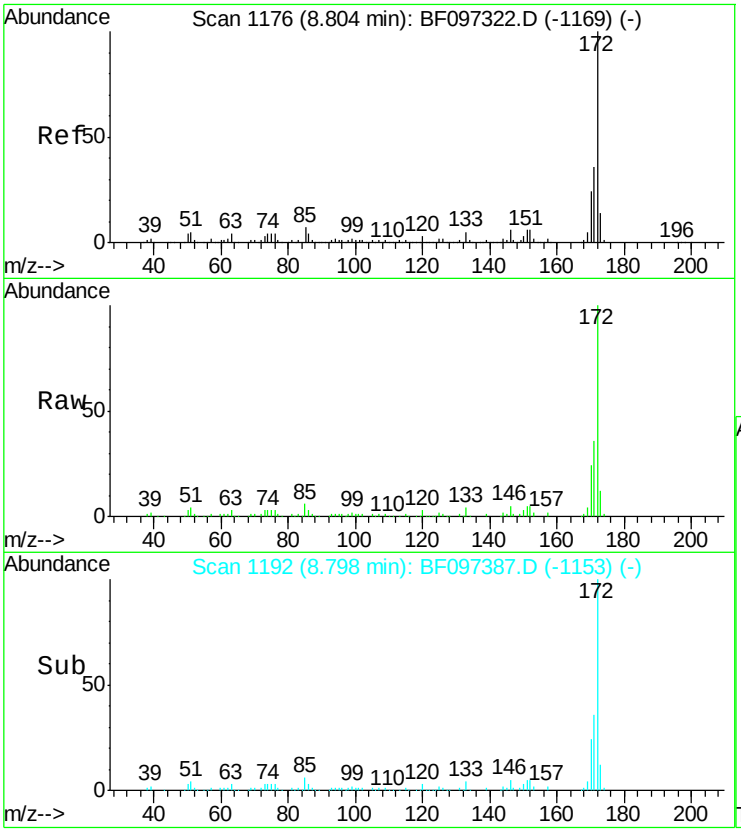


#41
2,4,6-Tribromophenol
Concen: 20.28 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:330 Resp: 24126

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	48.0	31.4	47.2#

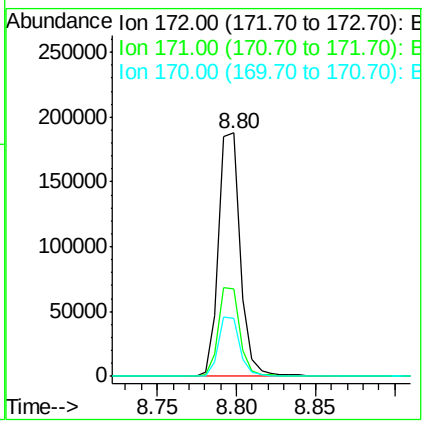




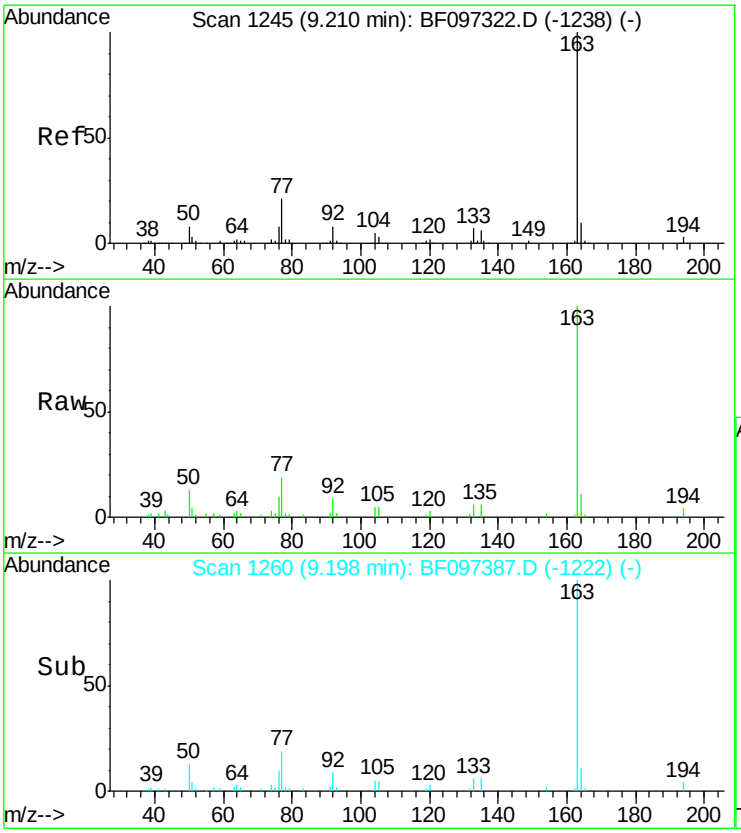
#44
2-Fluorobiphenyl
Concen: 20.17 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:172 Resp: 178941

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	19.8	29.8



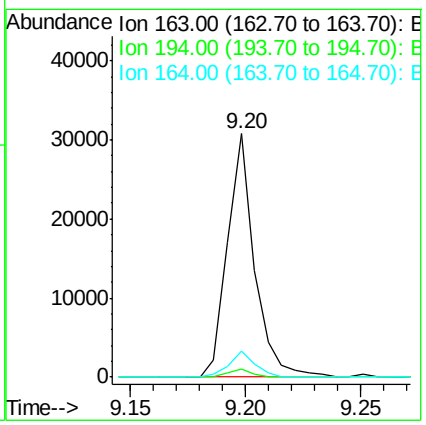
Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

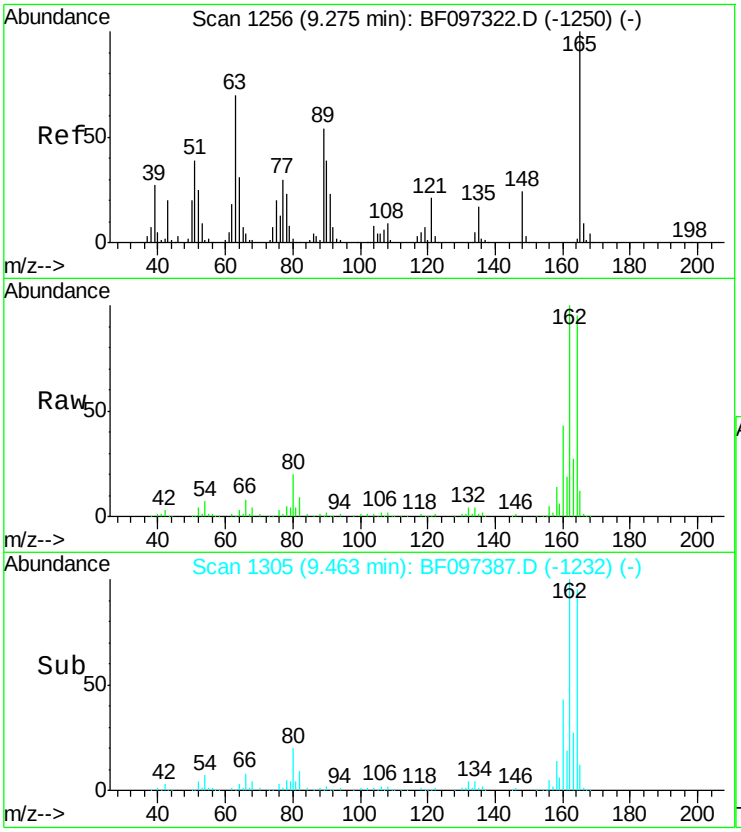


#49
Dimethylphthalate
Concen: 2.20 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:163 Resp: 25198

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.6	8.4	12.6



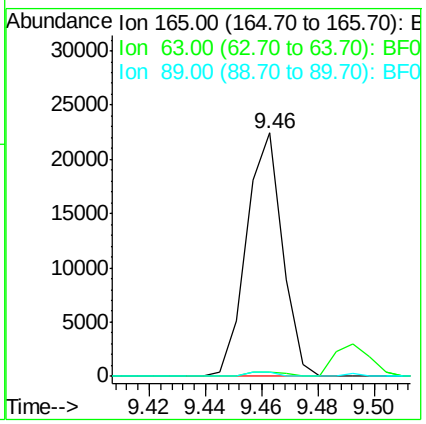


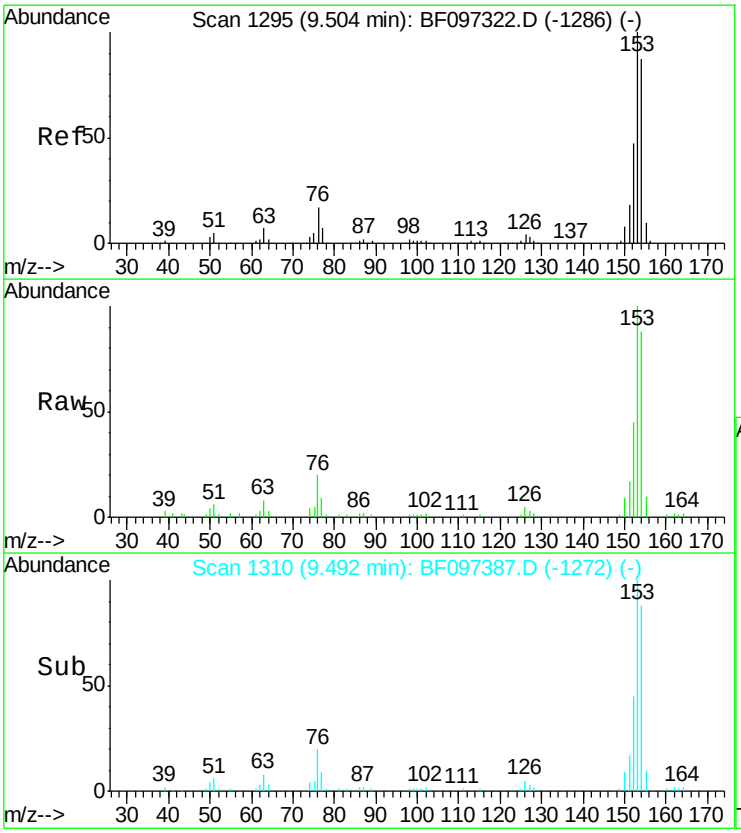
#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.46 min Scan# 1305
Delta R.T. 0.13 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:165 Resp: 19724

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	2.0	37.1	55.7#

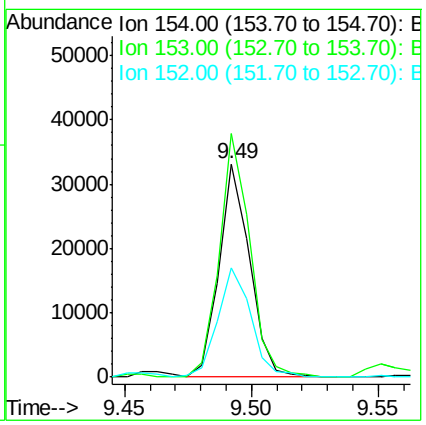


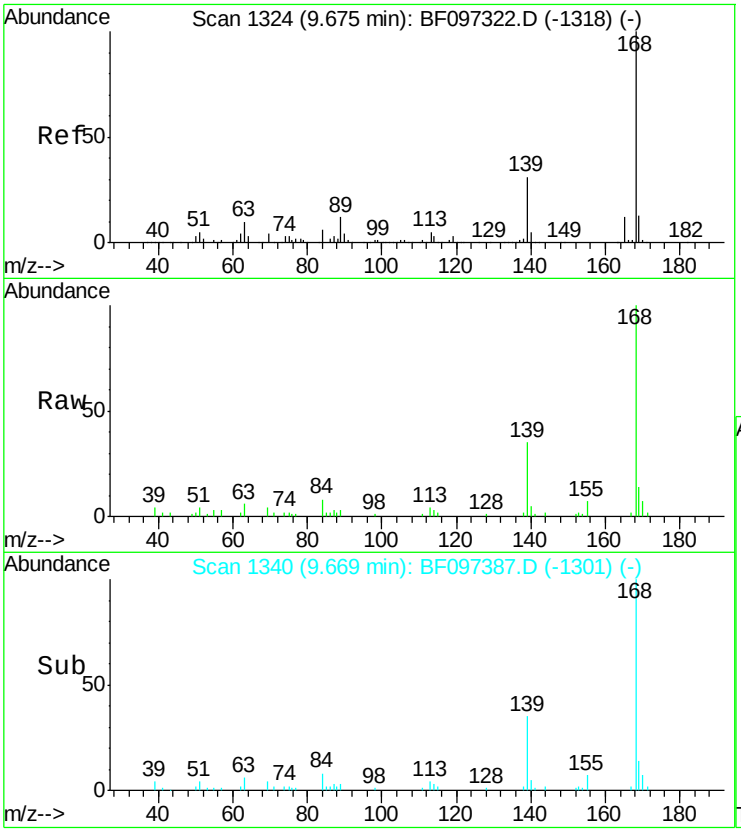


#51
Acenaphthene
Concen: 3.27 ng
RT: 9.49 min Scan# 1310
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:154 Resp: 27939

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	51.1	43.6	65.4



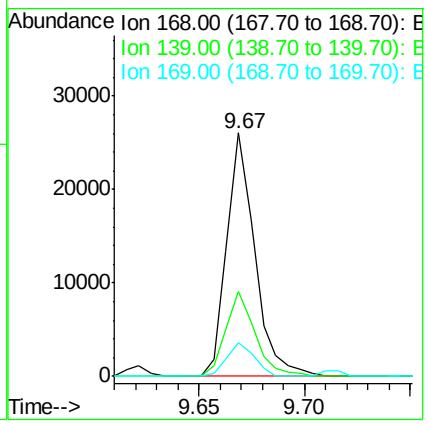


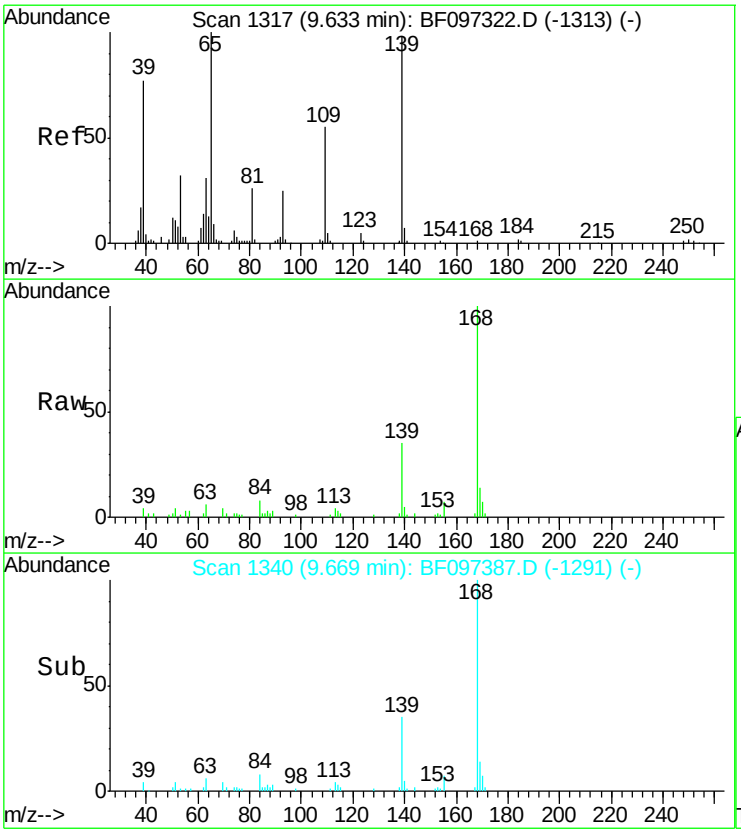
#54
Dibenzofuran
Concen: 2.10 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:168 Resp: 23917

Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.6	45.8
169	13.8	10.8	16.2

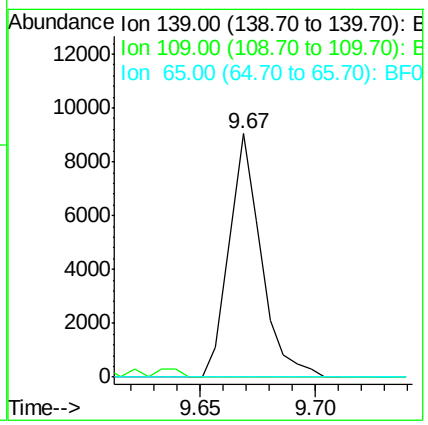


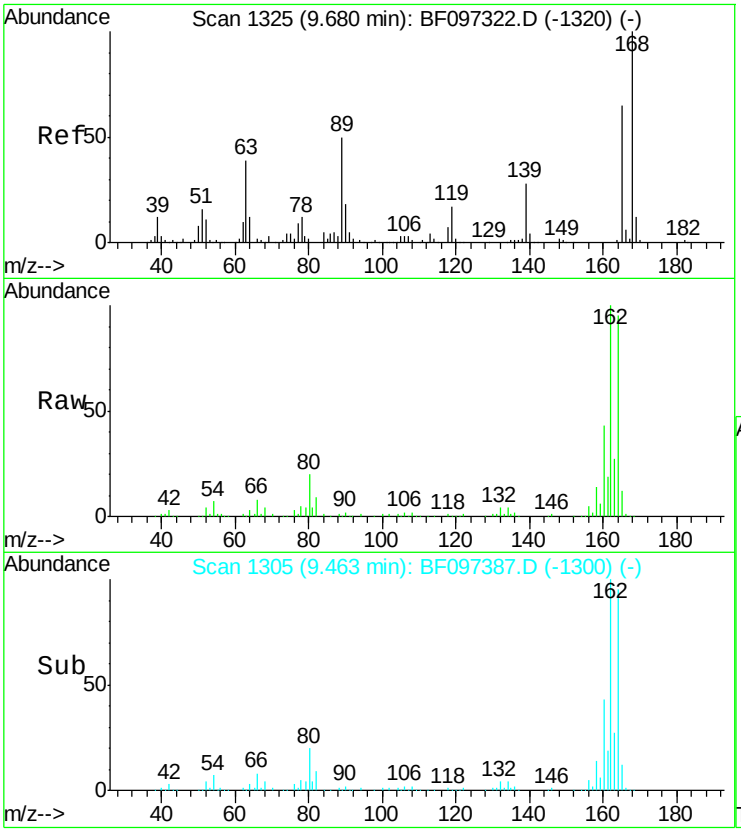


#55
4-Nitrophenol
Concen: 4.89 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:139 Resp: 8752

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



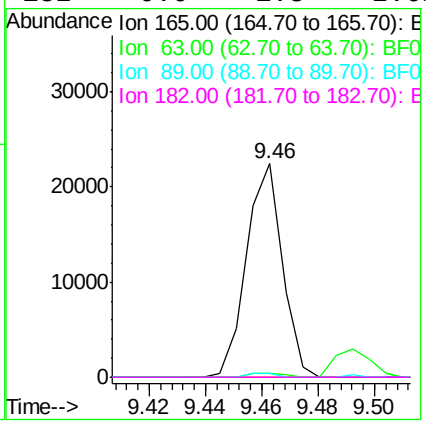


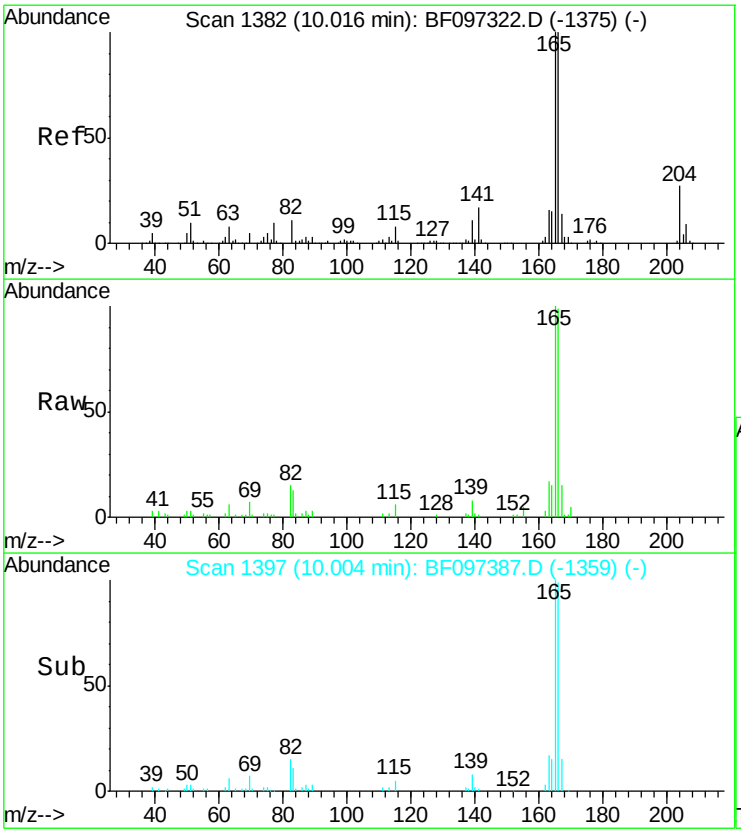
#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.27 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:165 Resp: 19724

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

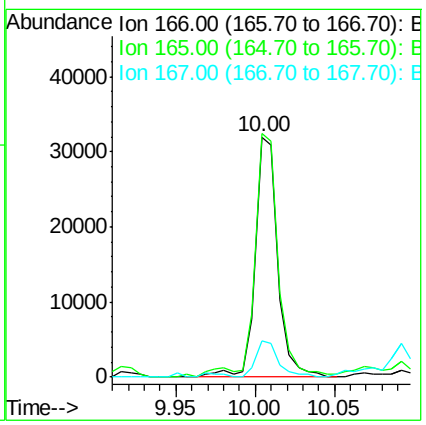


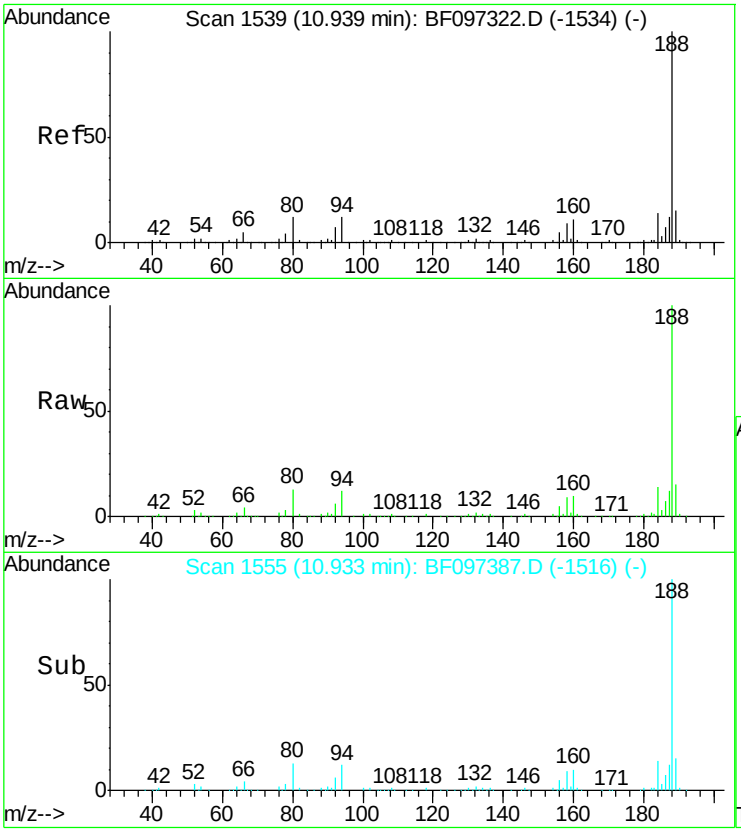


#57
Fluorene
Concen: 3.68 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:166 Resp: 31531

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.8	118.2
167	15.1	10.6	16.0



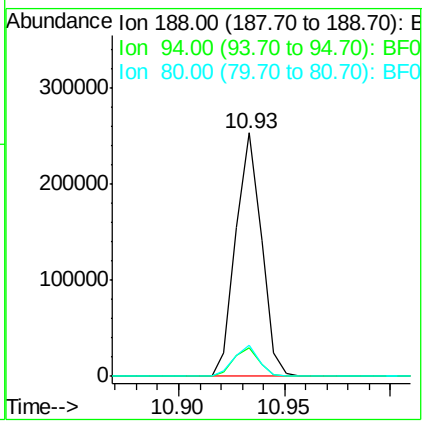


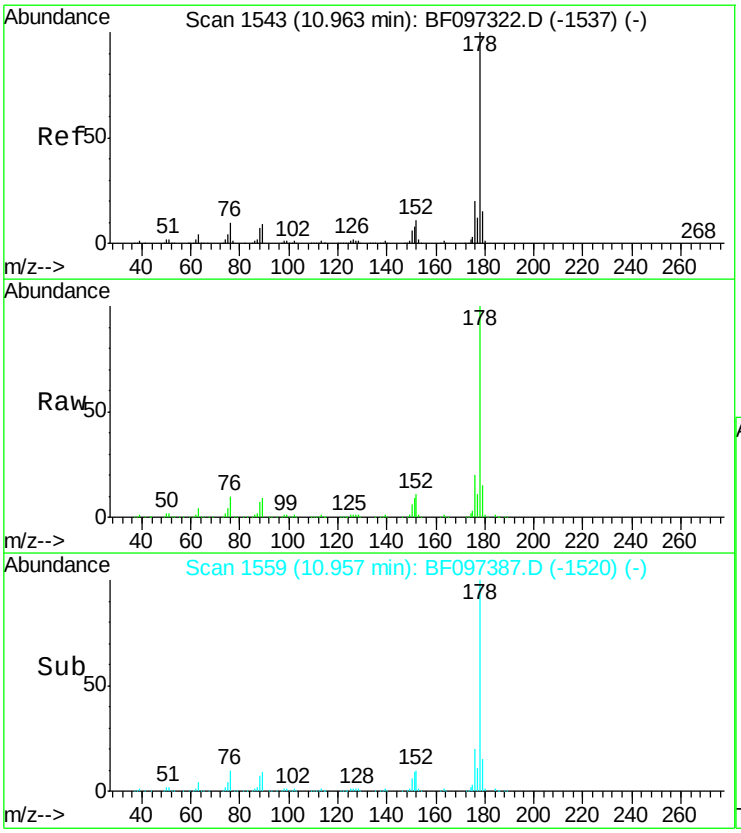
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:188 Resp: 213663

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.6	10.2	15.2

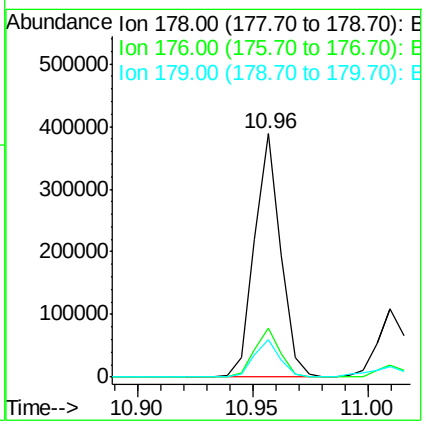


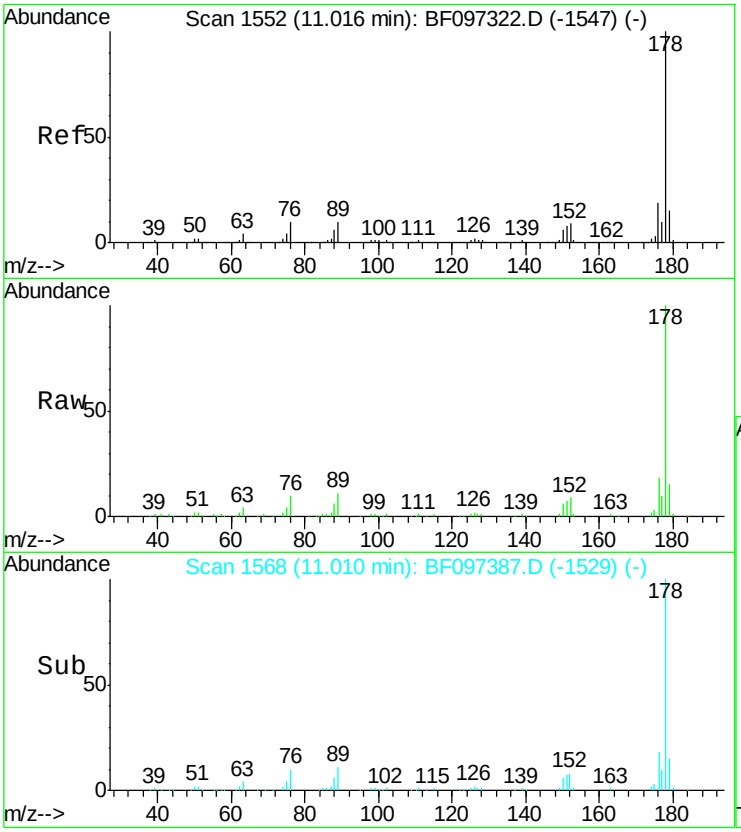


#70
Phenanthrene
Concen: 26.97 ng
RT: 10.96 min Scan# 1559
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:178 Resp: 308813

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.2	12.6	19.0



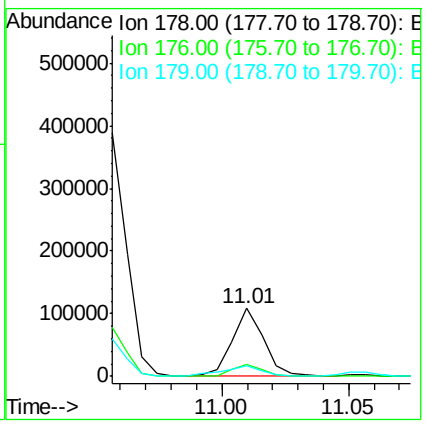


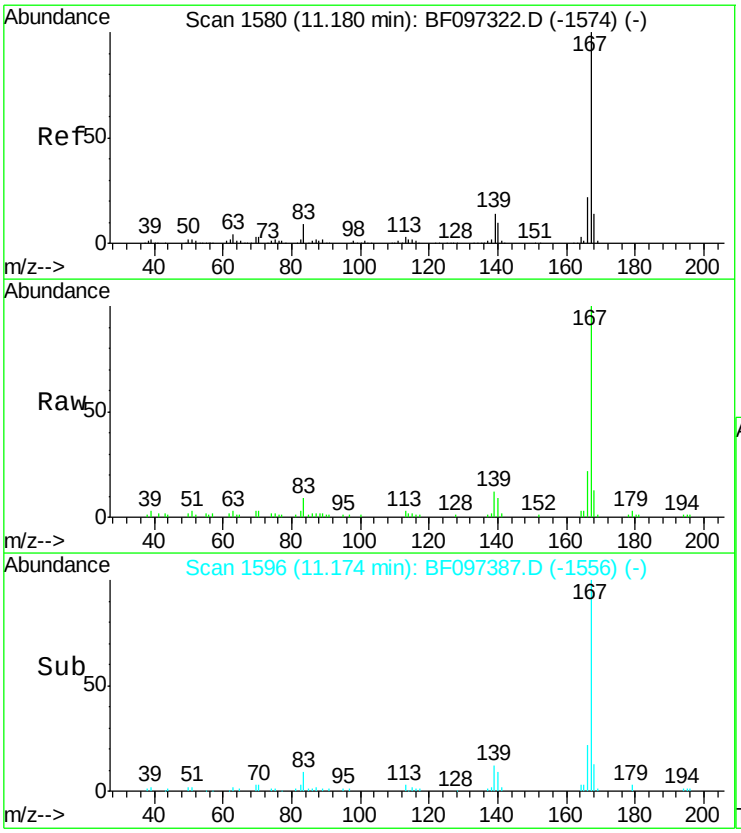
#71
Anthracene
Concen: 7.82 ng
RT: 11.01 min Scan# 1568
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:178 Resp: 91692

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	12.7	19.1

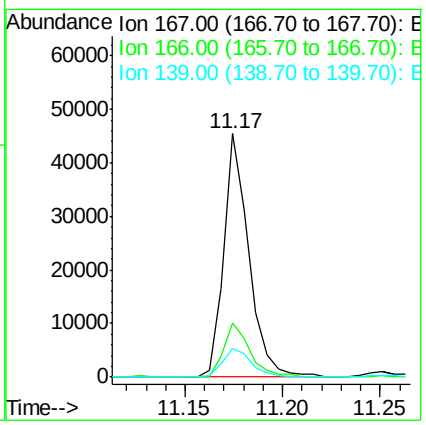


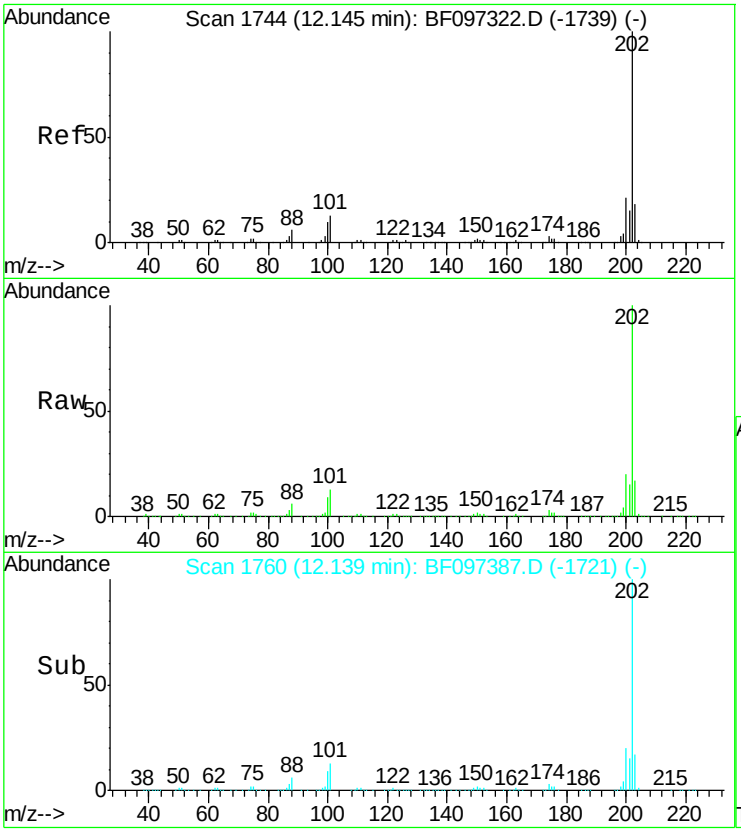


#72
Carbazole
Concen: 3.50 ng
RT: 11.17 min Scan# 1596
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:167 Resp: 40389

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	12.0	11.7	17.5



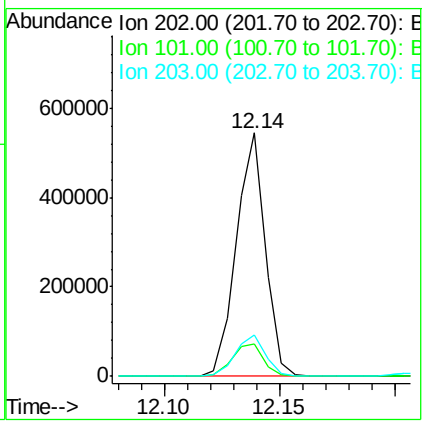


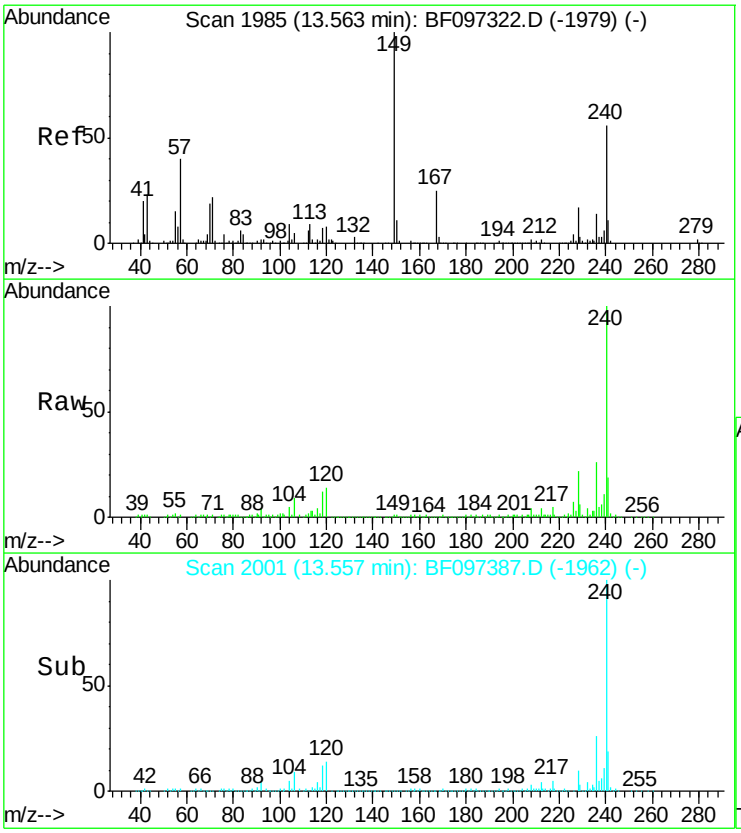
#74
Fluoranthene
Concen: 42.46 ng
RT: 12.14 min Scan# 1760
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:202 Resp: 476242

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.9	0.0	38.1

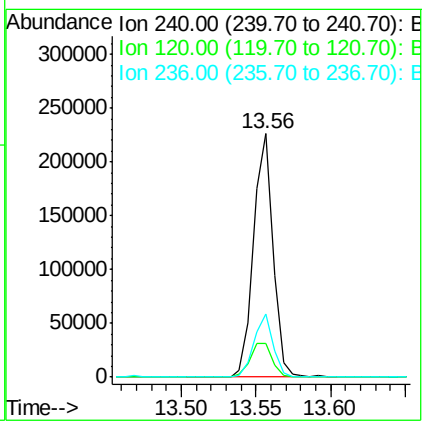


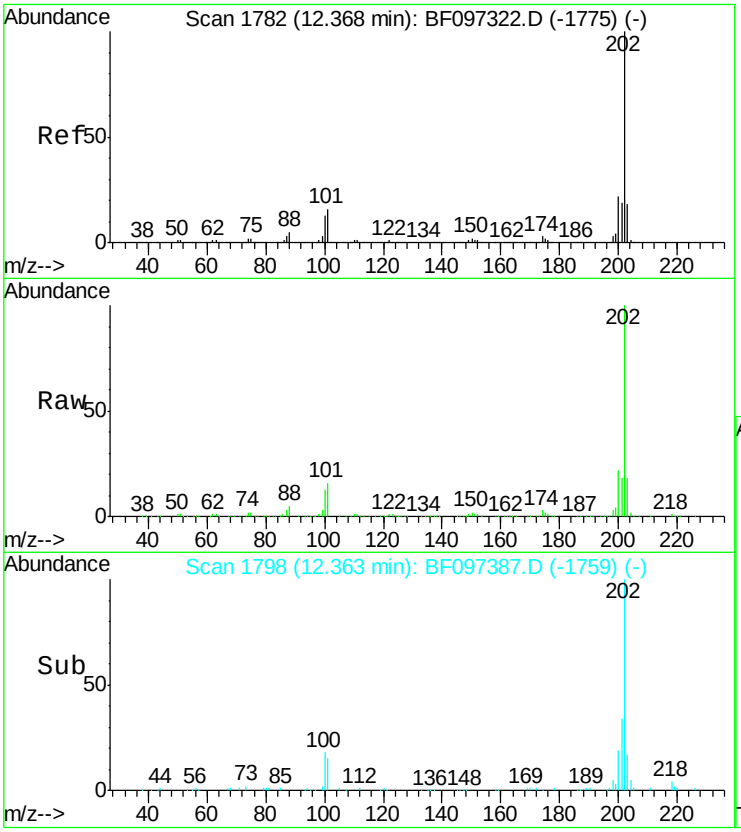


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:240 Resp: 202550

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.9	20.5	30.7



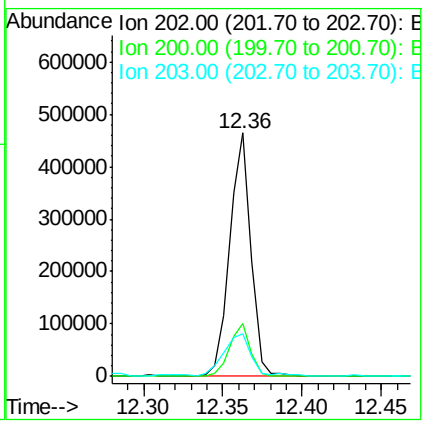


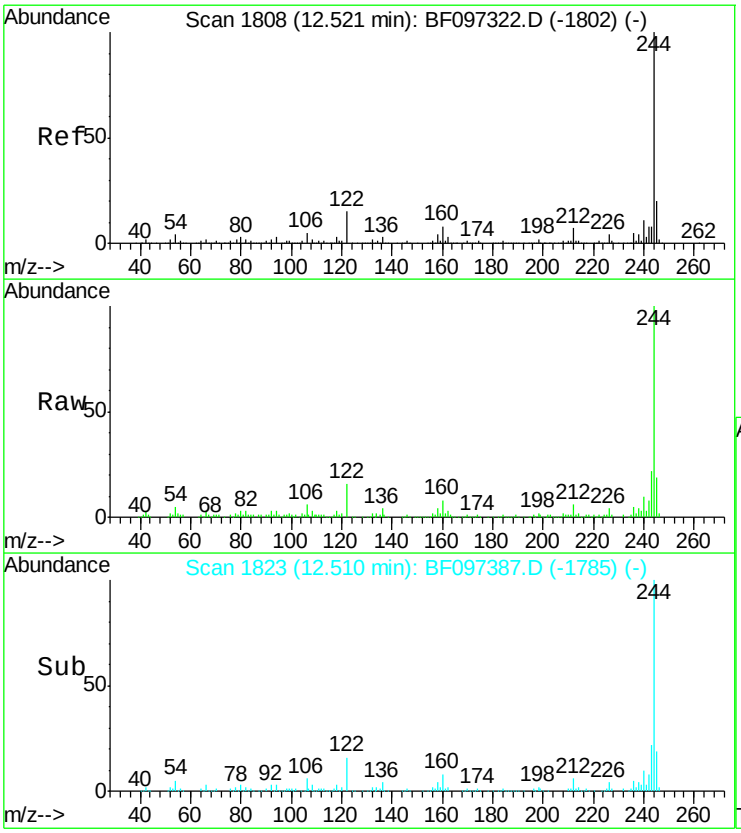
#77
Pyrene
Concen: 25.78 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:202 Resp: 427445

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.8	14.4	21.6

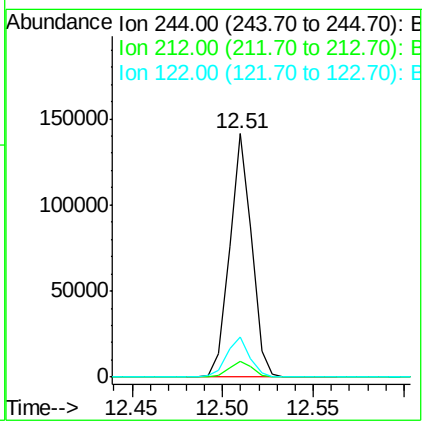


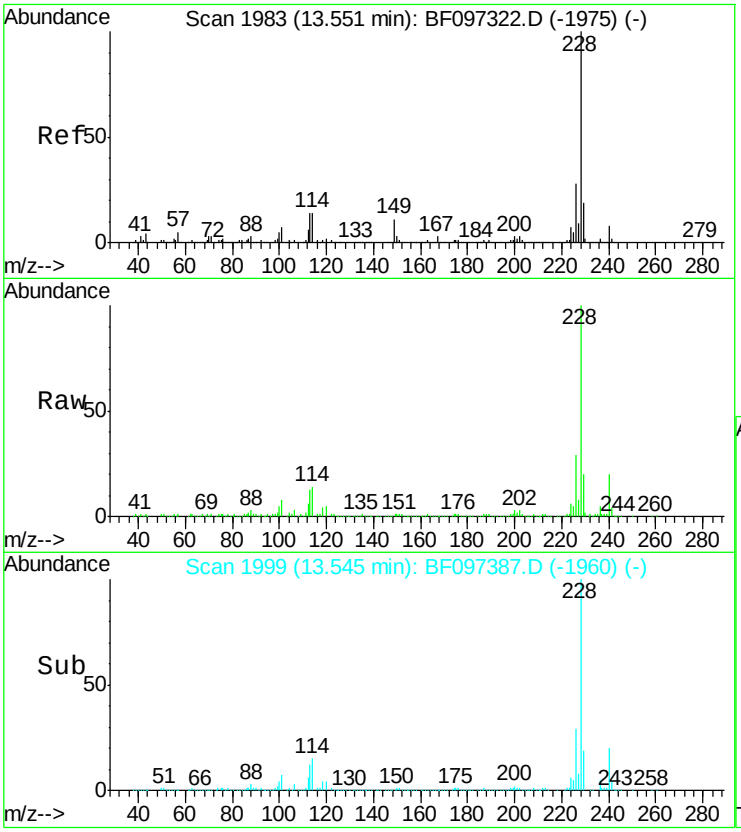


#78
Terphenyl-d14
Concen: 11.97 ng
RT: 12.51 min Scan# 1823
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:244 Resp: 118949

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	16.4	10.3	15.5#



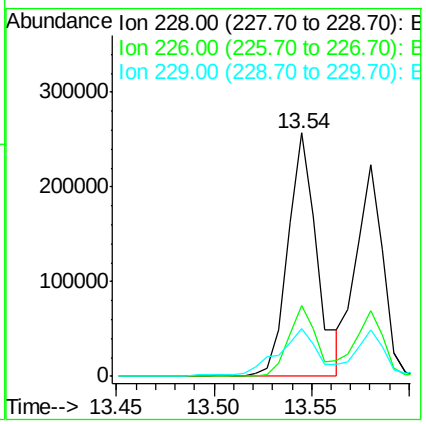


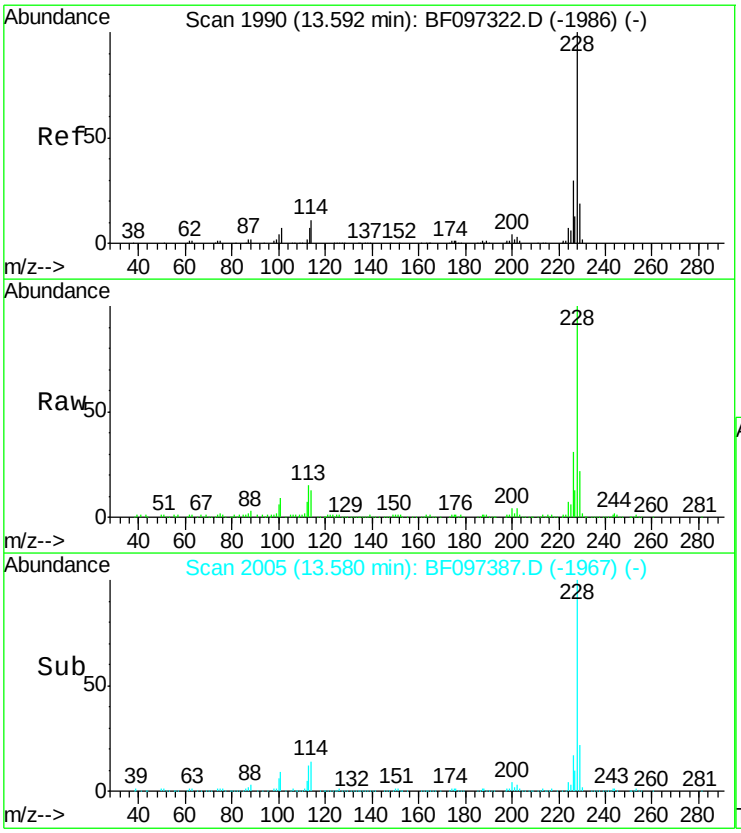
#80
Benzo(a)anthracene
Concen: 20.10 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:228 Resp: 263472

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	19.9	16.3	24.5

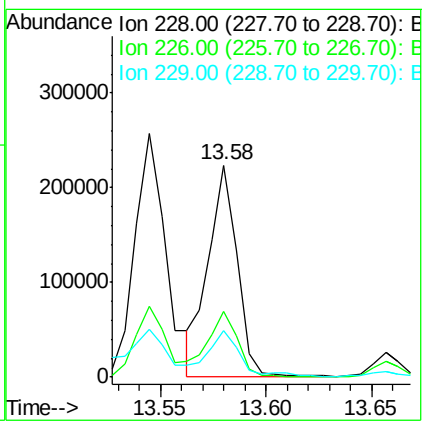


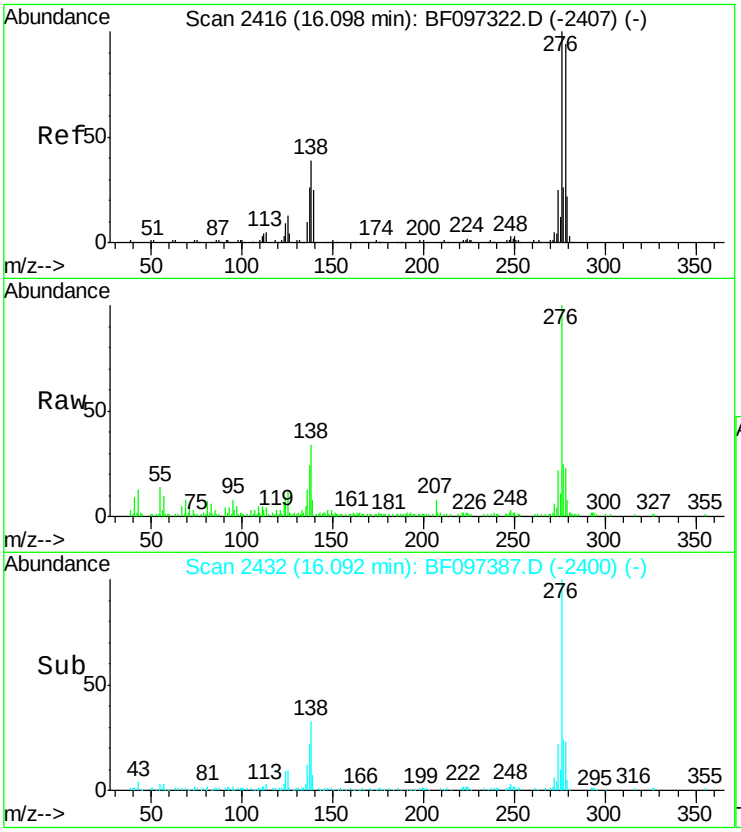


#82
Chrysene
Concen: 16.63 ng
RT: 13.58 min Scan# 2005
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:228 Resp: 212872

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.9	15.8	23.6



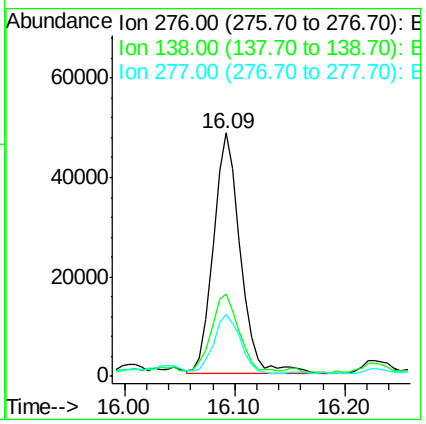


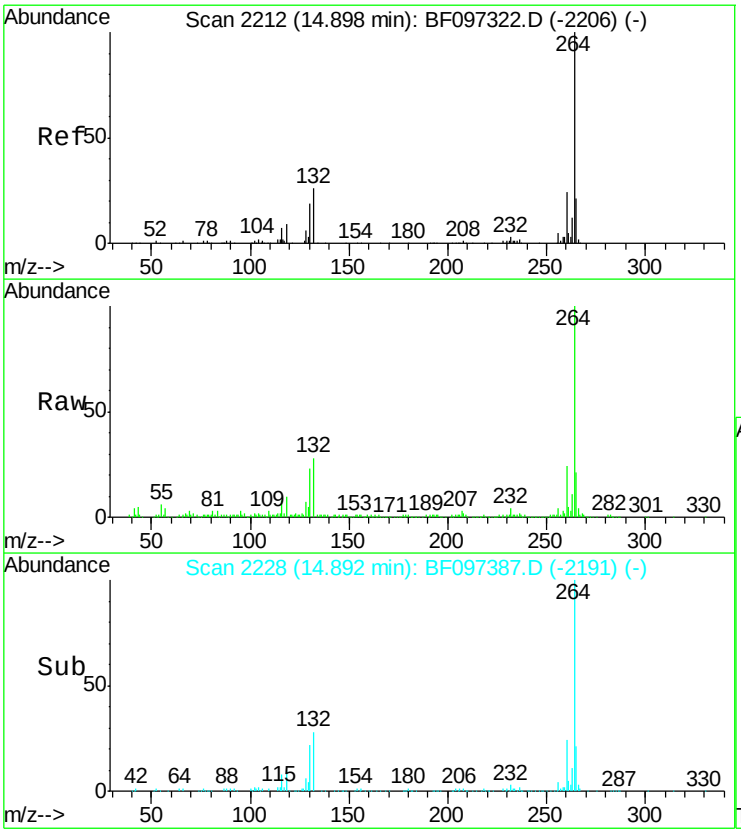
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.47 ng
RT: 16.09 min Scan# 2432
Delta R.T. -0.11 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:276 Resp: 81928

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	26.2	20.2	30.4

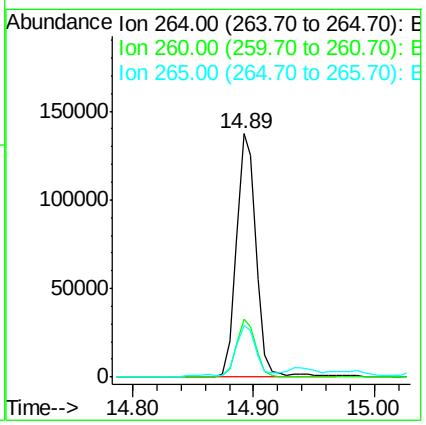


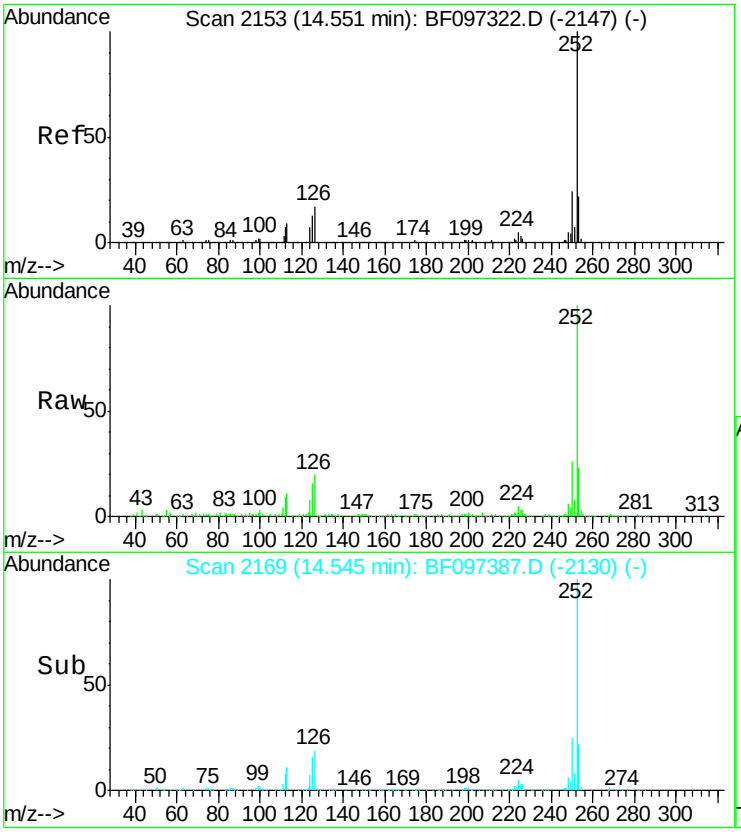


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:264 Resp: 156976

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	17.2	25.8



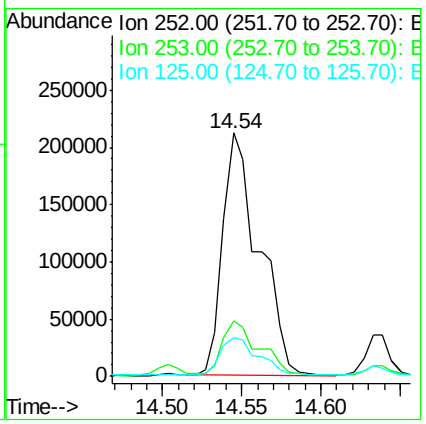


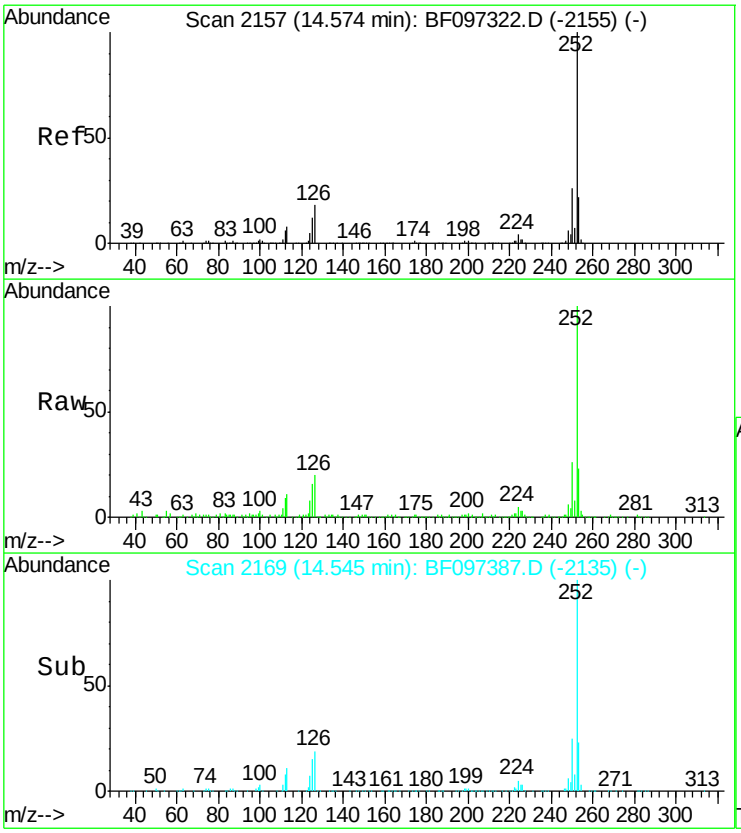
#87
Benzo(b)fluoranthene
Concen: 35.76 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:252 Resp: 337410

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	16.0	9.8	14.8#

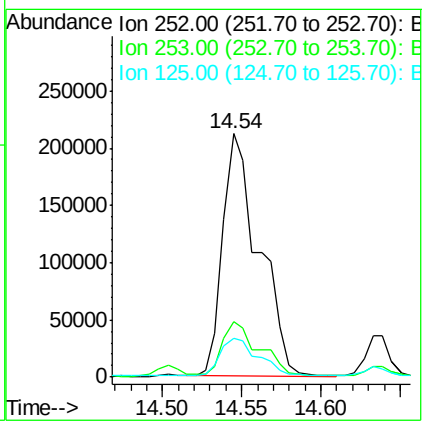


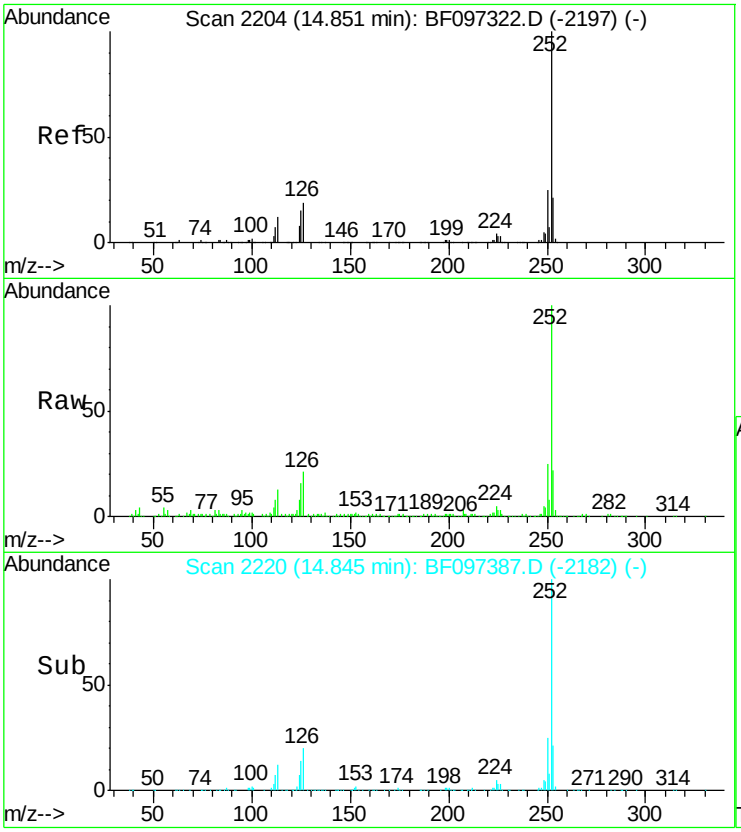


#88
Benzo(k)fluoranthene
Concen: 37.52 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.10 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:252 Resp: 337410

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	16.0	13.1	19.7



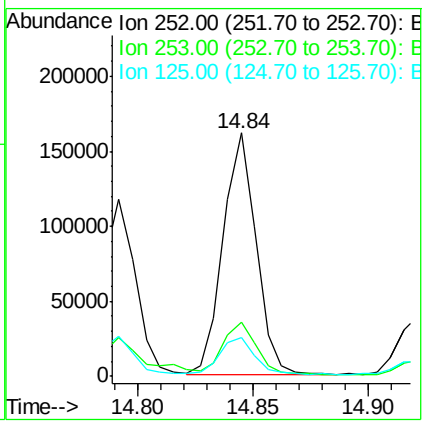


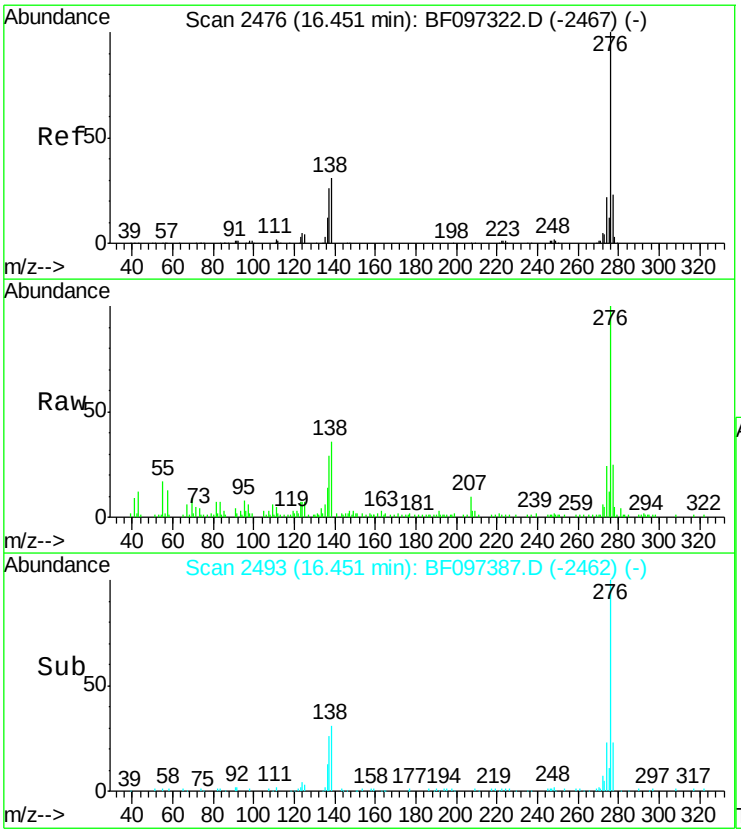
#89
Benzo(a)pyrene
Concen: 18.68 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2DL

Tgt Ion:252 Resp: 161346

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 9.42 ng
RT: 16.45 min Scan# 2493
Delta R.T. -0.12 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:276 Resp: 69990

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	36.1	25.4	38.0