Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098185.D
Acq On : 31 Aug 2017 6:07
Operator : SJ/JU
Sample : I4979-03DL 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 08:51:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120883	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	431206	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	161327	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	254216	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	230072	20.00	ng		-0.02
86) Perylene-d12	15.29	264	161142	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	9383	1.18	ng		-0.02
7) Phenol-d6	6.36	99	12495	1.16	ng		-0.02
23) Nitrobenzene-d5	7.29	82	8201	1.03	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	1067	0.76	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	12152	1.11	ng		-0.03
78) Terphenyl-d14	12.82	244	7444	0.67	ng		-0.03
Target Compounds							Qvalue
26) 2-Nitrophenol	7.56	139	336	5.351	ng	#	40
31) Naphthalene	8.03	128	420909	18.802	ng		99
32) Benzoic acid	7.80	122	627	6.513	ng	#	1
33) 4-Chloroaniline	8.03	127	56598	5.995	ng	#	32
37) 2-Methylnaphthalene	8.73	142	559530	40.768	ng		99
45) 1,1'-Biphenyl	9.19	154	91629	6.228	ng		96
51) Acenaphthene	9.80	154	290080	26.945	ng		99
53) 2,4-Dinitrophenol	10.00	184	311	10.384	ng	#	1
54) Dibenzofuran	9.97	168	295013	20.447	ng		95
55) 4-Nitrophenol	9.86	139	5502	2.271	ng		89
57) Fluorene	10.31	166	242252	21.716	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	243	8.488	ng	#	1
70) Phenanthrene	11.27	178	395620	29.205	ng		100
71) Anthracene	11.32	178	135282	9.846	ng		98
74) Fluoranthene	12.45	202	123791	8.755	ng		99
77) Pyrene	12.68	202	97874	5.201	ng		97

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

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QLast Update : Mon Aug 21 15:59:04 2017
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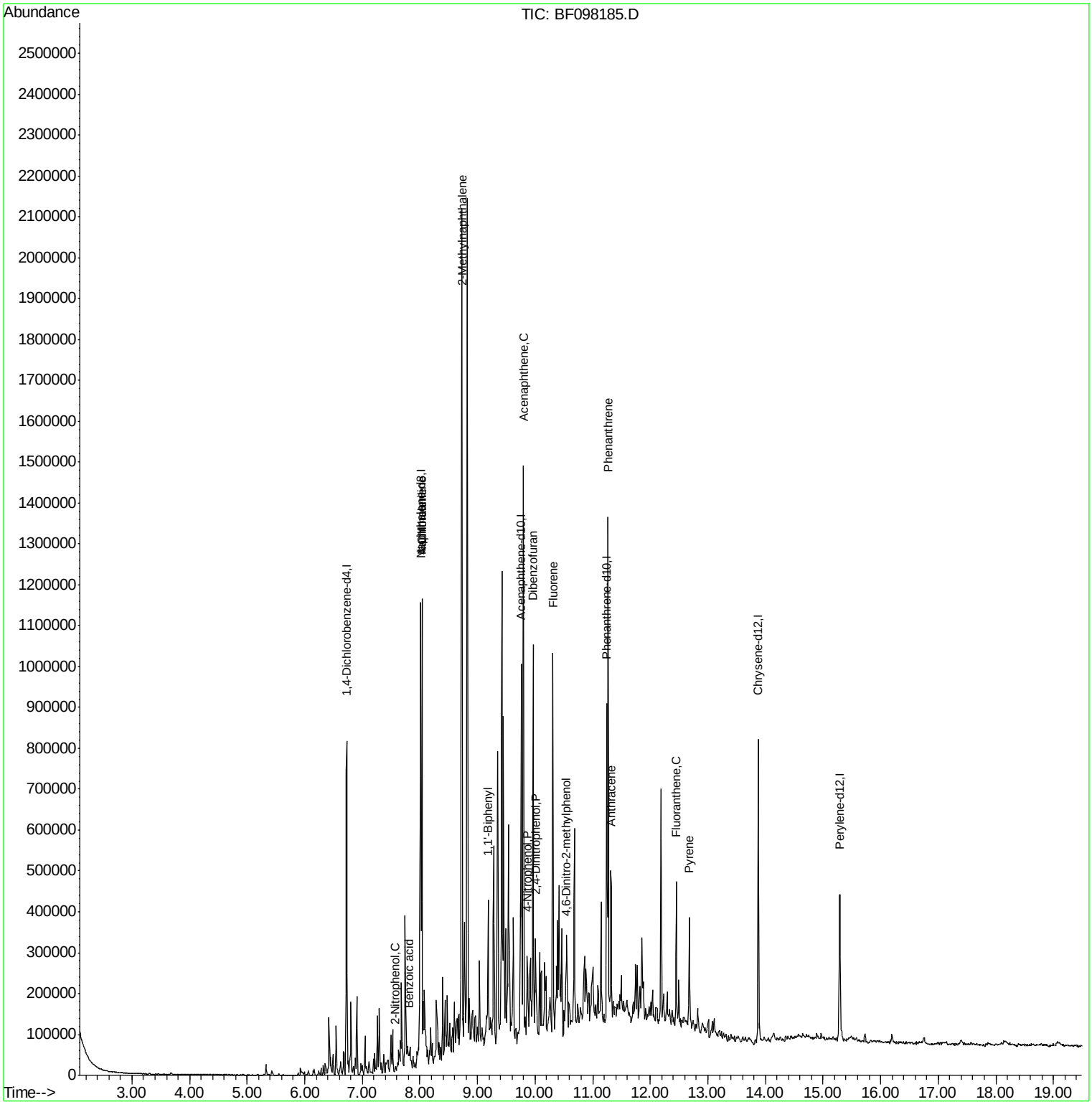
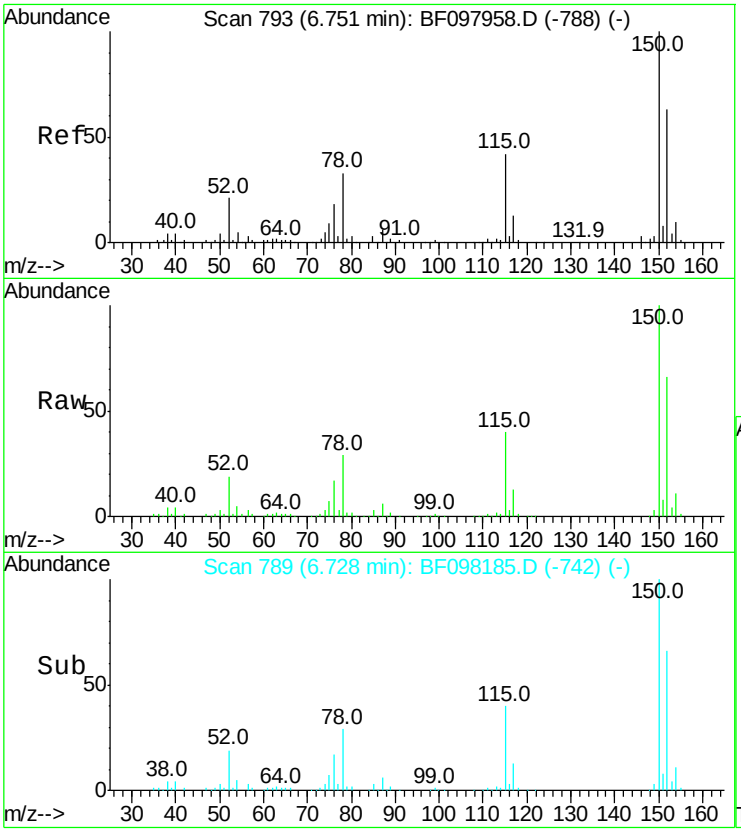


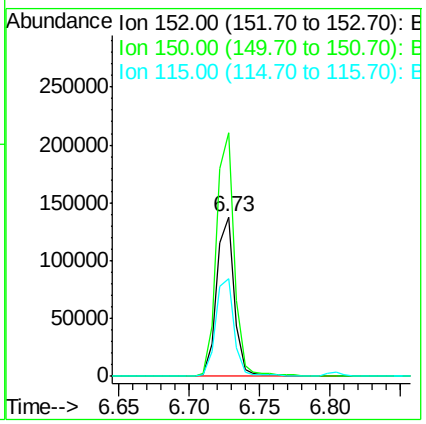


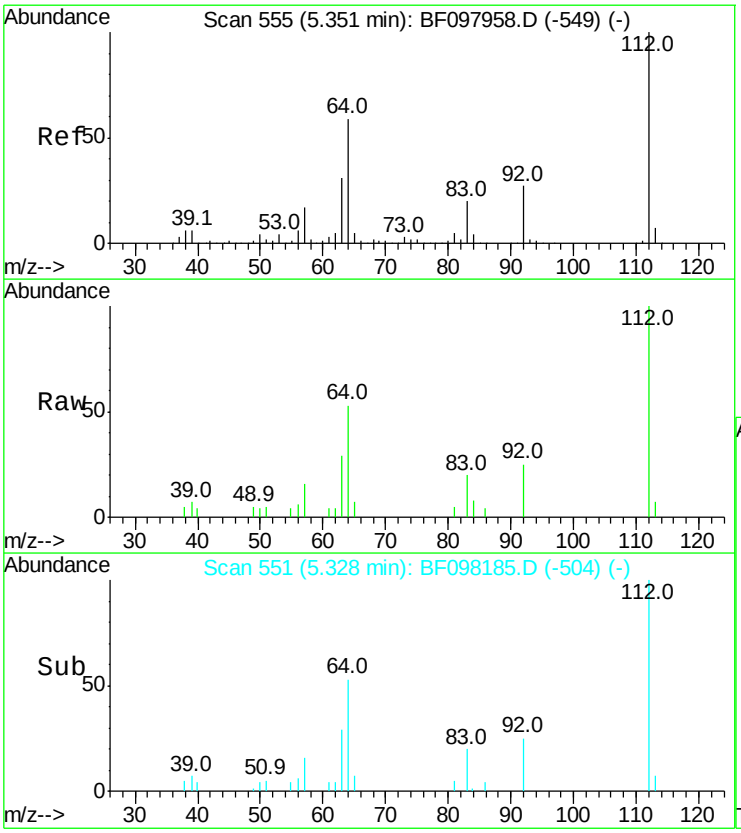
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120883

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	61.5	52.2	78.2

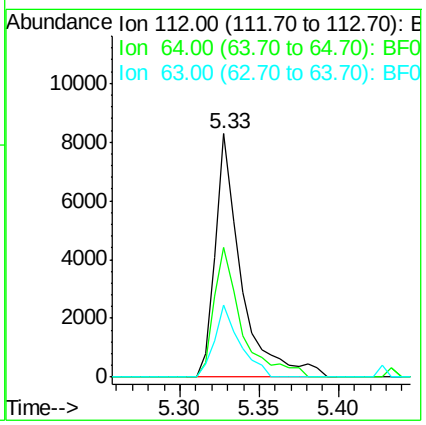


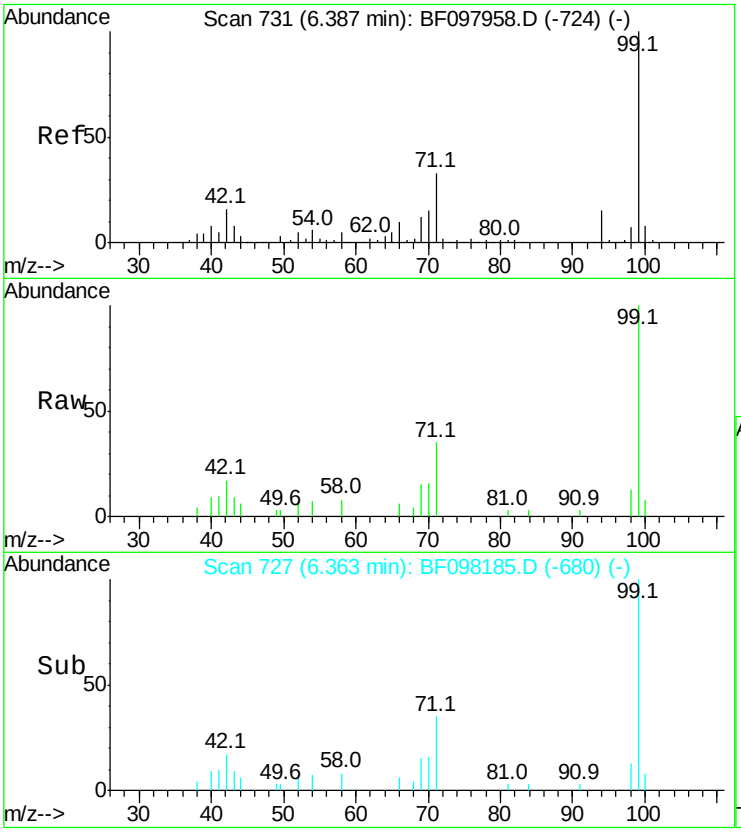


#5
2-Fluorophenol
Concen: 1.181 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:112 Resp: 9383

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	29.4	23.4	35.0



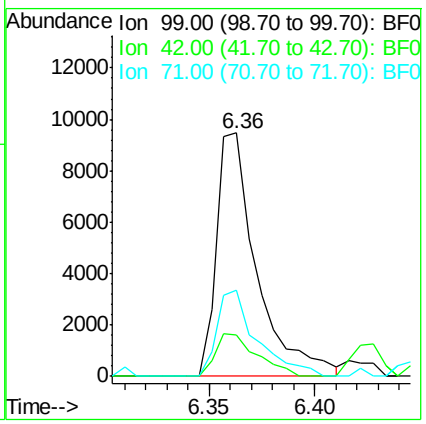


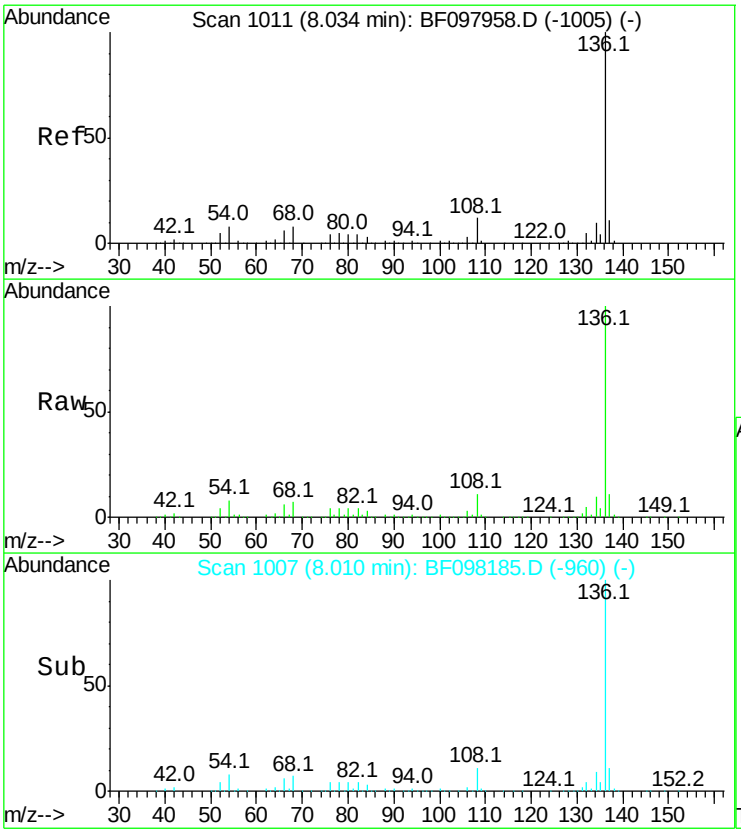
#7
Phenol-d6
Concen: 1.157 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 12495

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	35.3	24.5	36.7

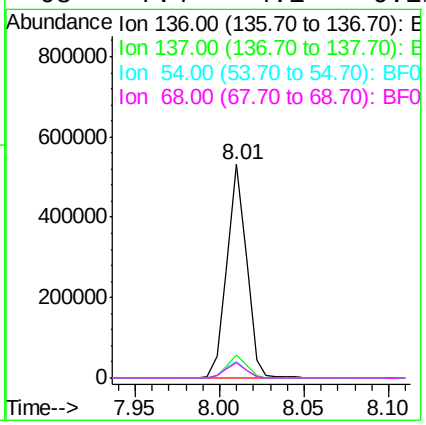


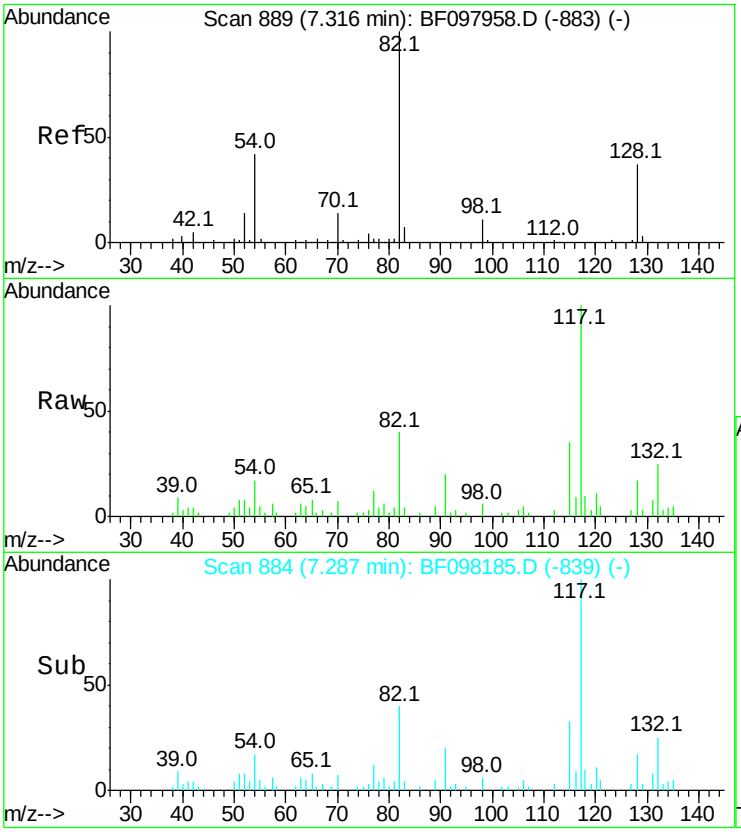


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:136 Resp: 431206

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.8	4.9	7.3#
68	7.4	4.1	6.1#



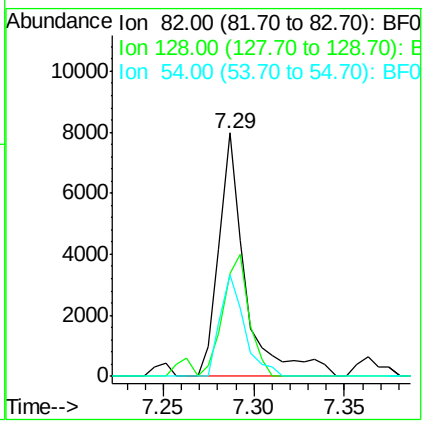


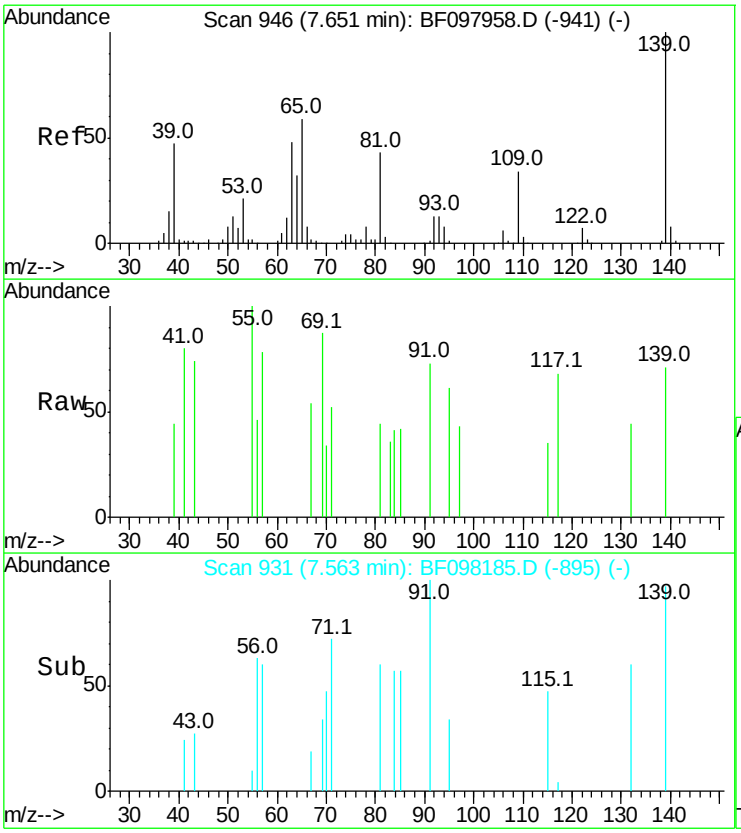
#23
Nitrobenzene-d5
Concen: 1.033 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 8201

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.0	51.0
54	41.8	42.2	63.2#

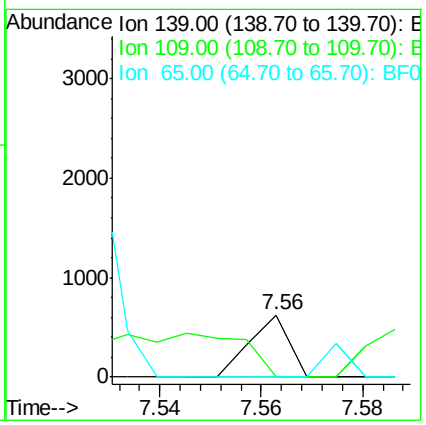


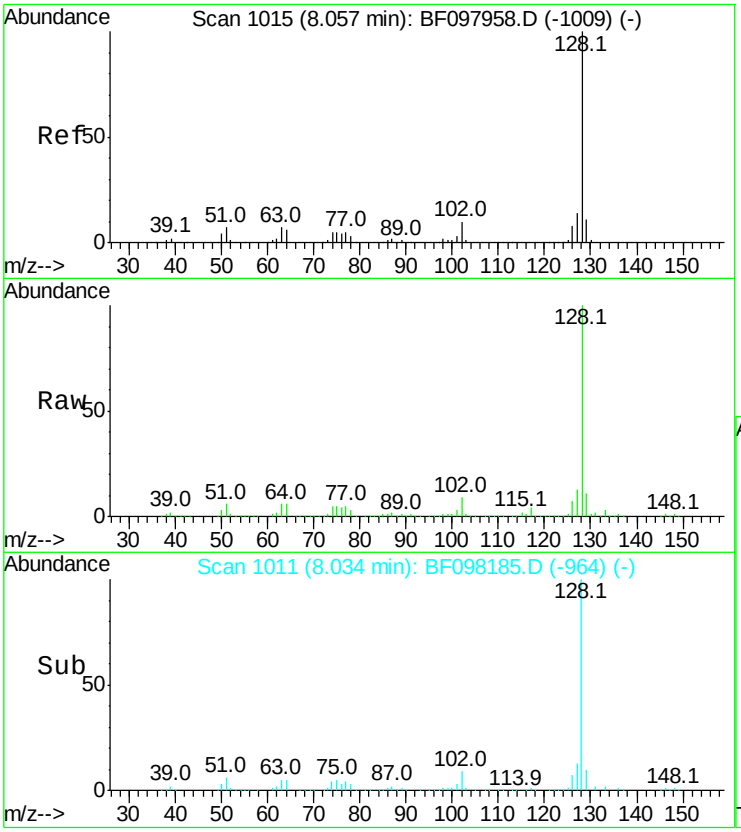


#26
2-Nitrophenol
Concen: 5.351 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.09 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:139 Resp: 336

Ion	Ratio	Lower	Upper
139	100		
109	0.0	21.0	31.6#
65	0.0	33.0	49.6#



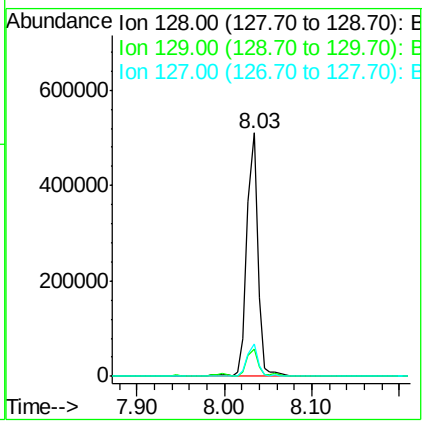


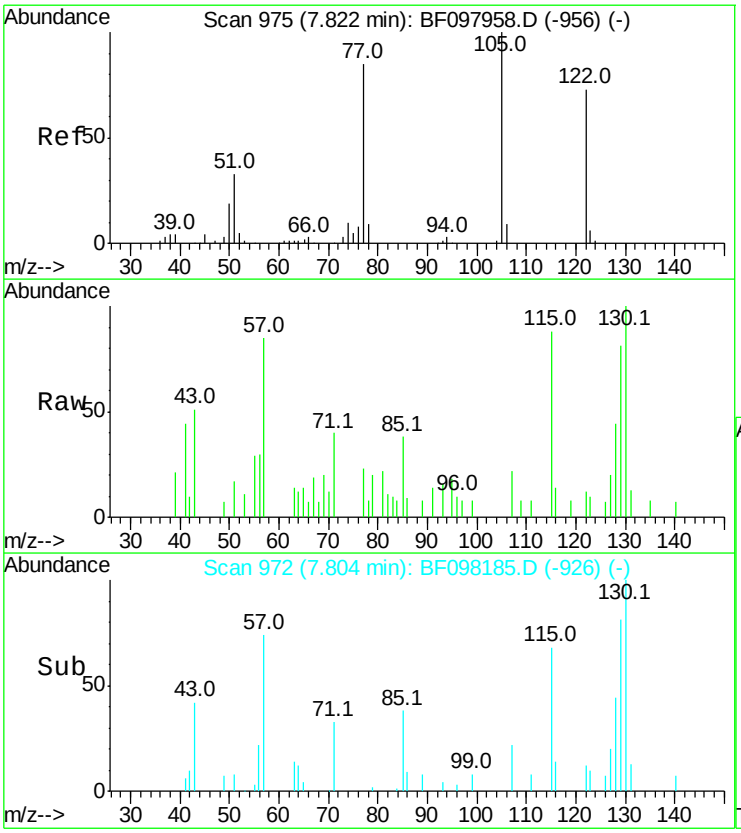
#31
Naphthalene
Concen: 18.802 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 420909

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.8	16.2

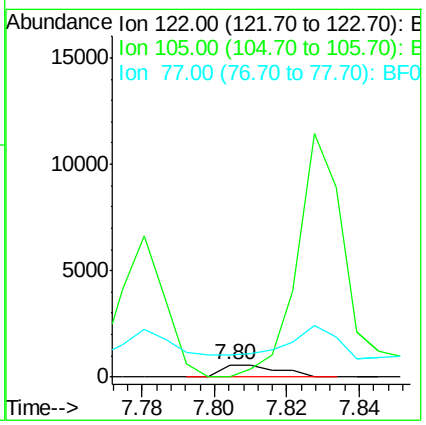


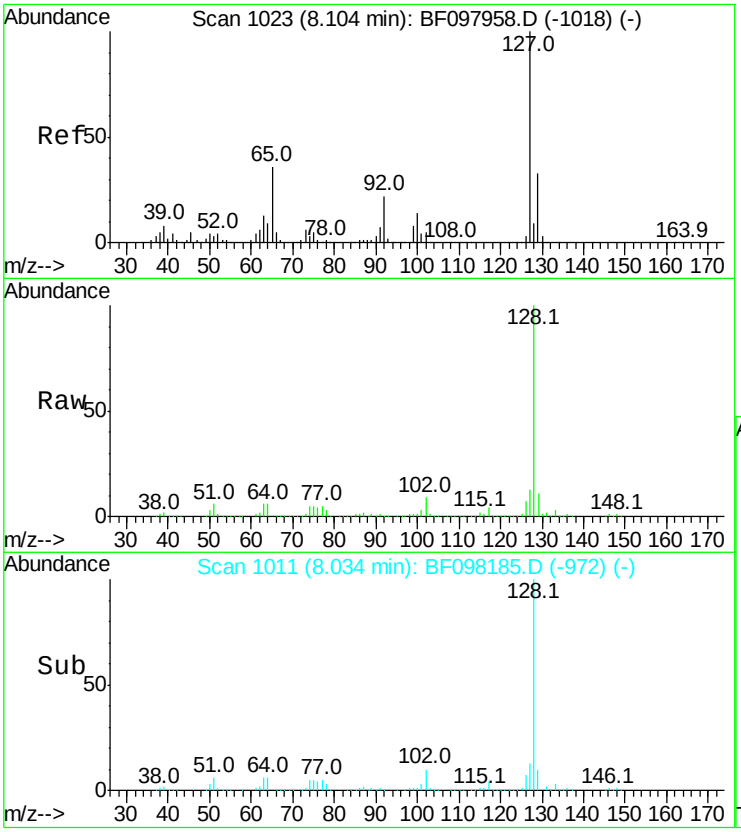


#32
Benzoic acid
Concen: 6.513 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:122 Resp: 627

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	182.5	73.7	113.7#



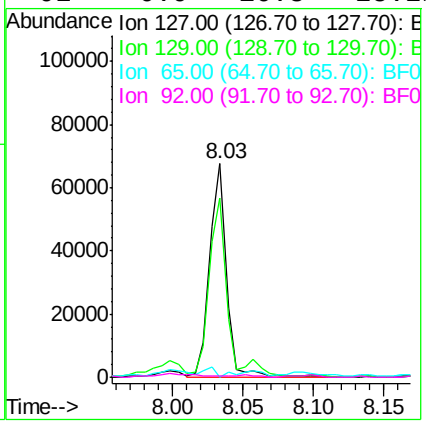


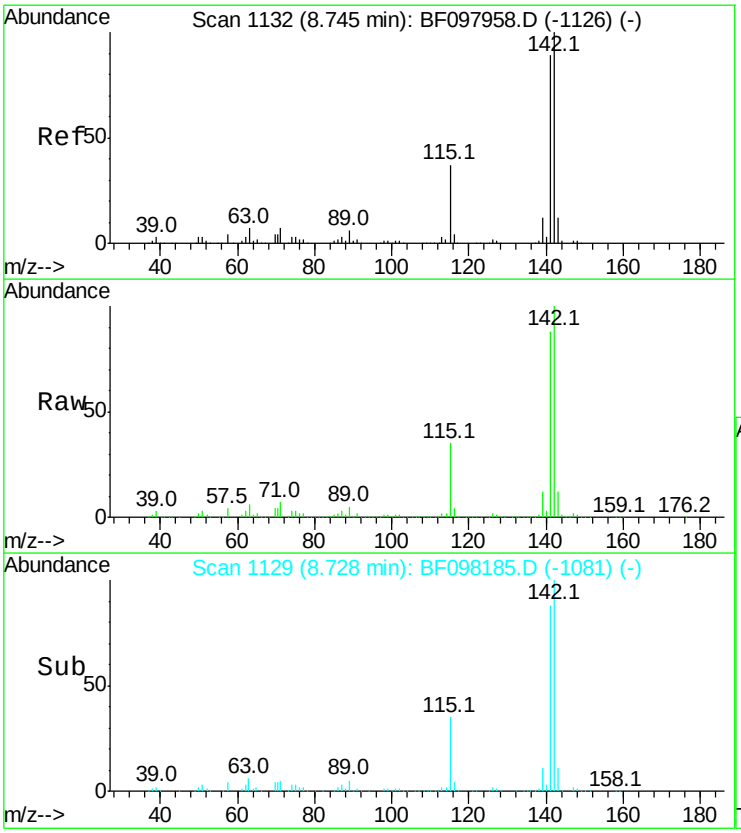
#33
4-Chloroaniline
Concen: 5.995 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.07 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 56598

Ion	Ratio	Lower	Upper
127	100		
129	84.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.9	16.8	25.2#

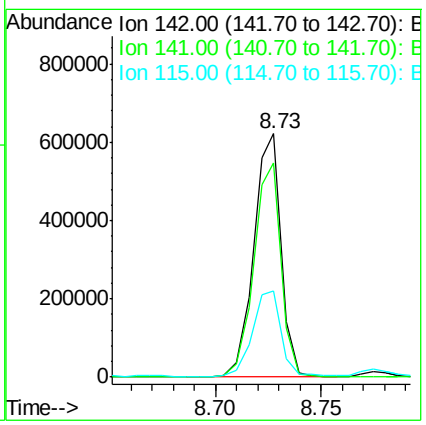


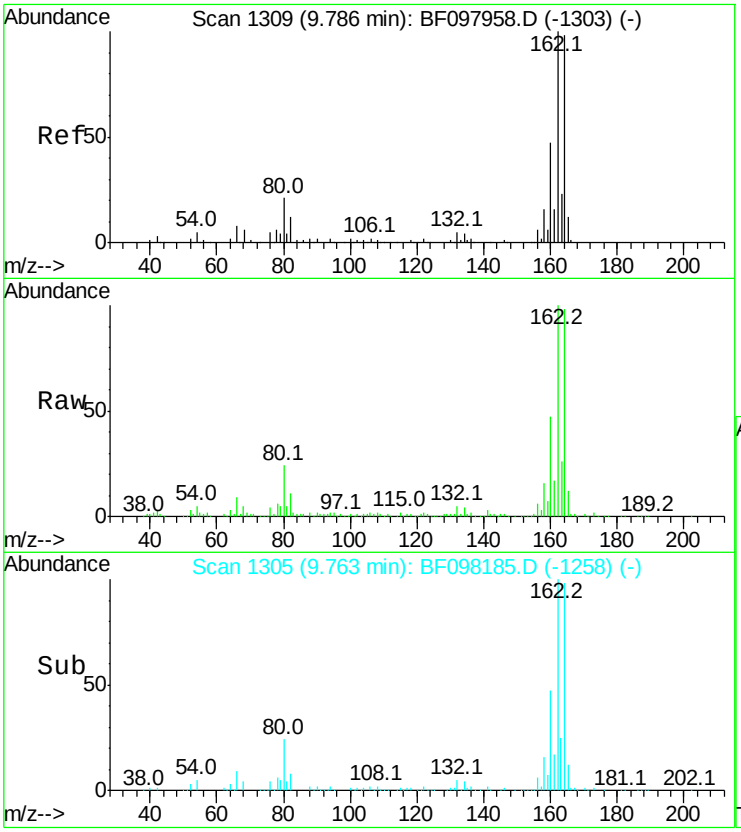


#37
2-Methylnaphthalene
Concen: 40.768 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:142 Resp: 559530

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	35.4	27.1	40.7



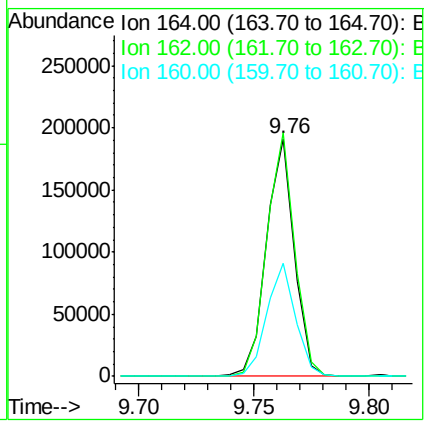


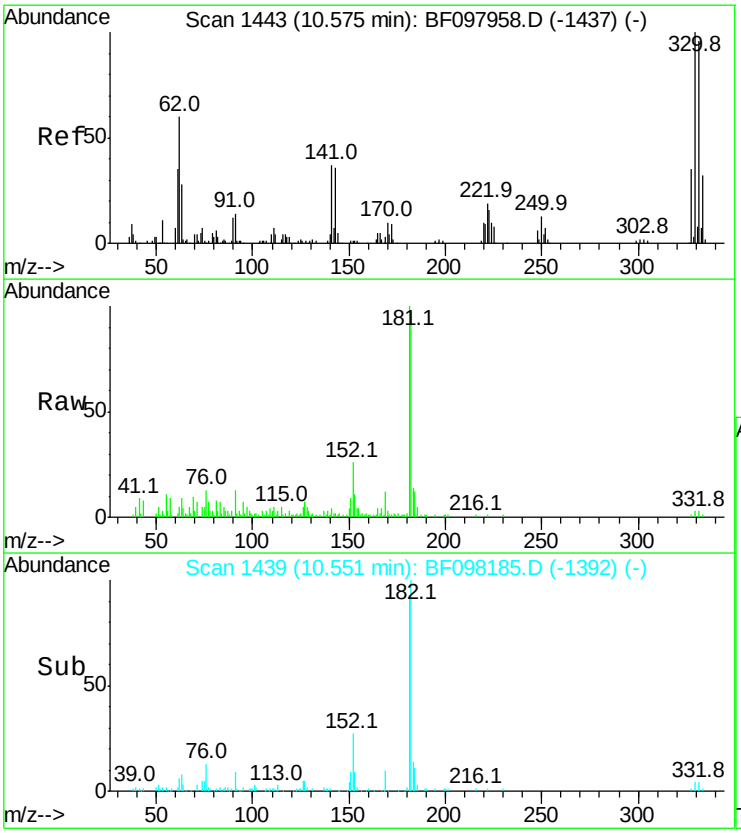
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 161327

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	47.8	36.2	54.2

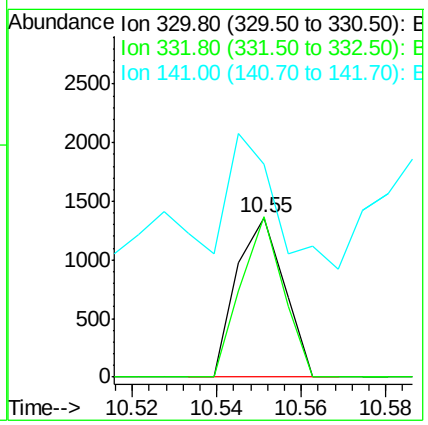


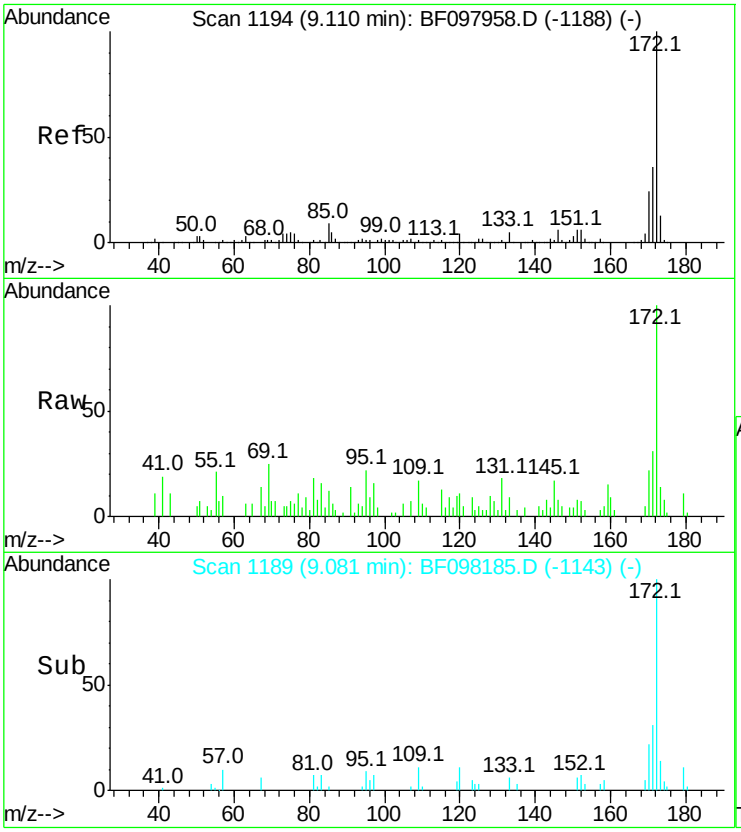


#41
2,4,6-Tribromophenol
Concen: 0.762 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:330 Resp: 1067

Ion	Ratio	Lower	Upper
330	100		
332	89.6	76.6	115.0
141	119.7	31.4	47.2#



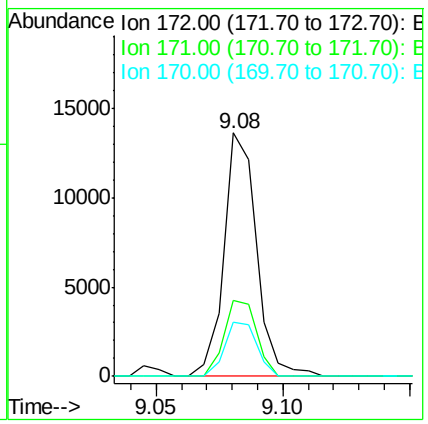


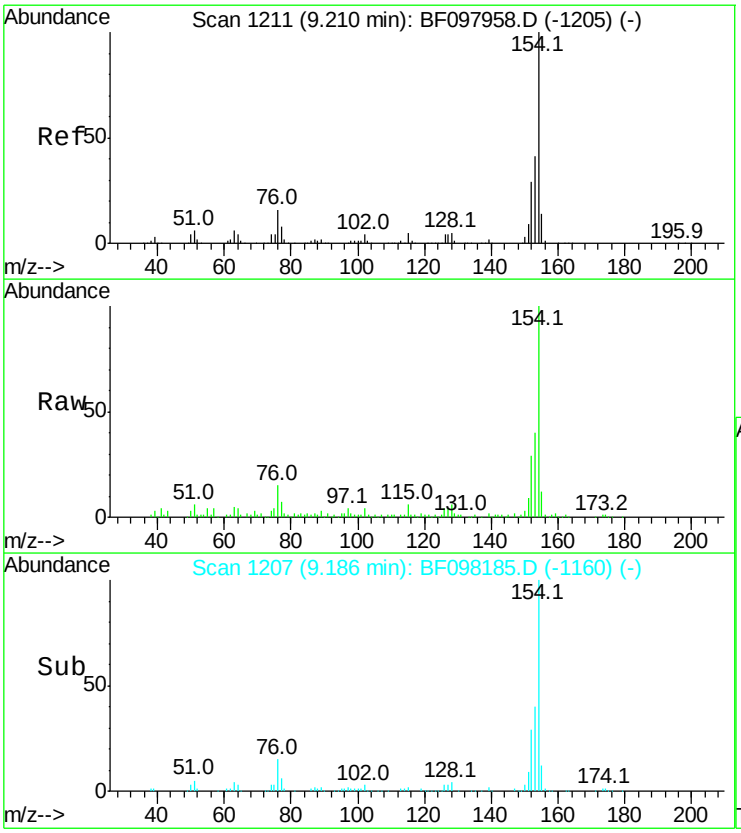
#44
2-Fluorobiphenyl
Concen: 1.107 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 12152

Ion	Ratio	Lower	Upper
172	100		
171	31.3	29.6	44.4
170	22.3	19.8	29.8

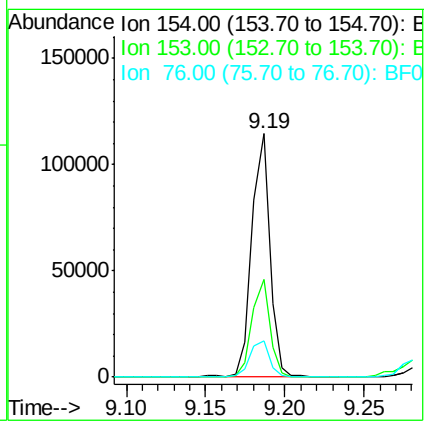


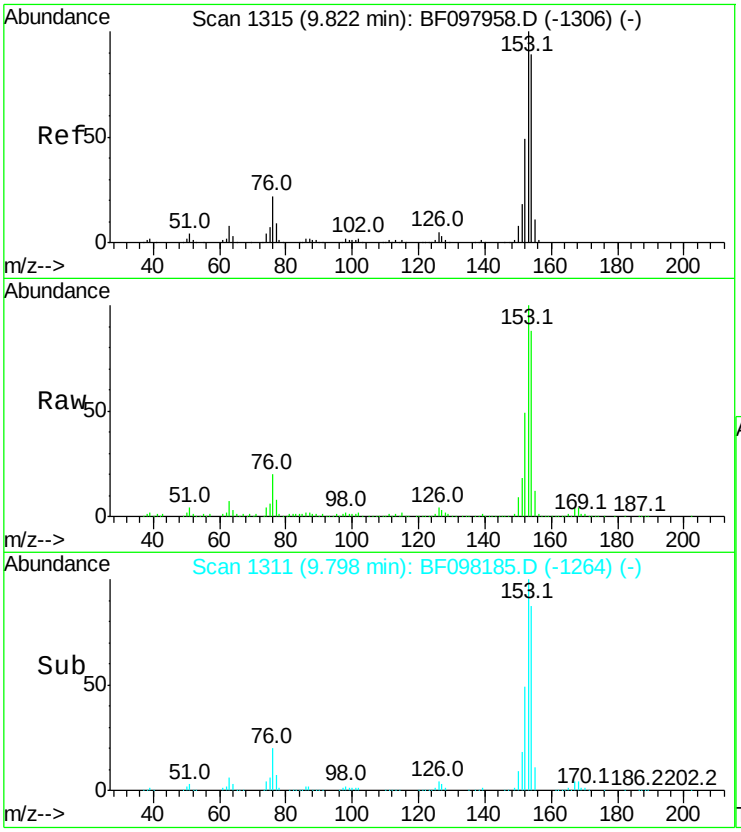


#45
1,1'-Biphenyl
Concen: 6.228 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:154 Resp: 91629

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	14.9	0.0	29.9



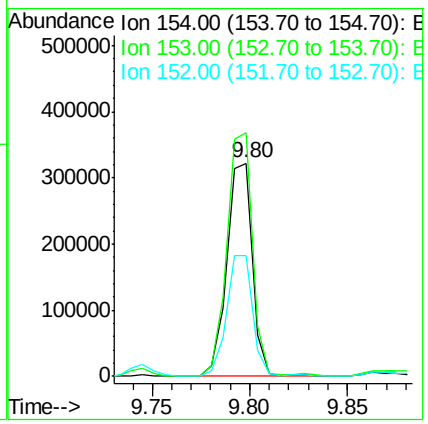


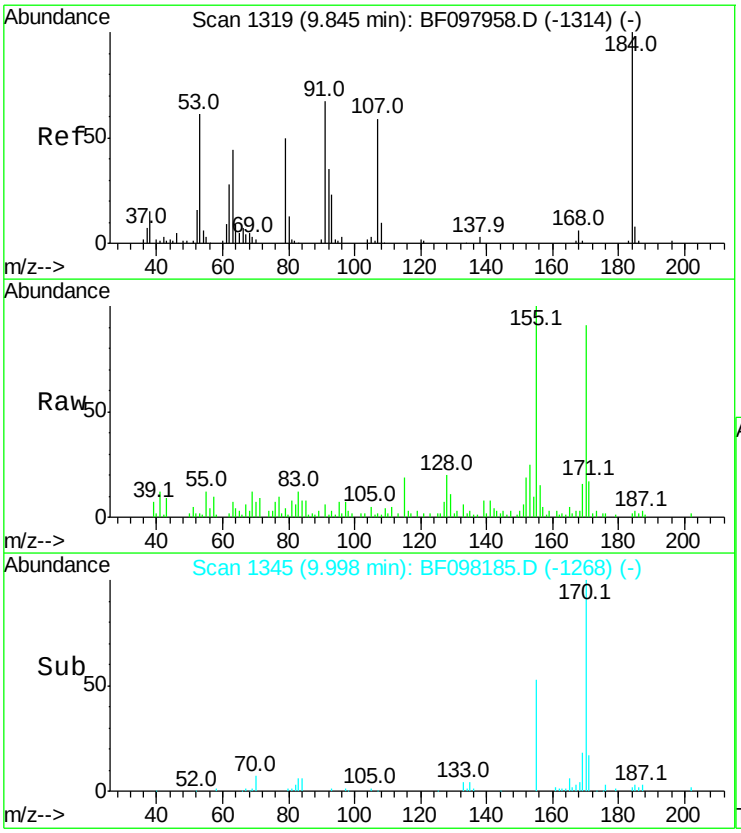
#51
Acenaphthene
Concen: 26.945 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 290080

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	56.4	43.6	65.4

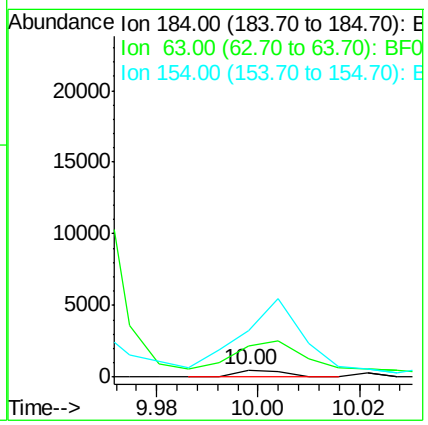


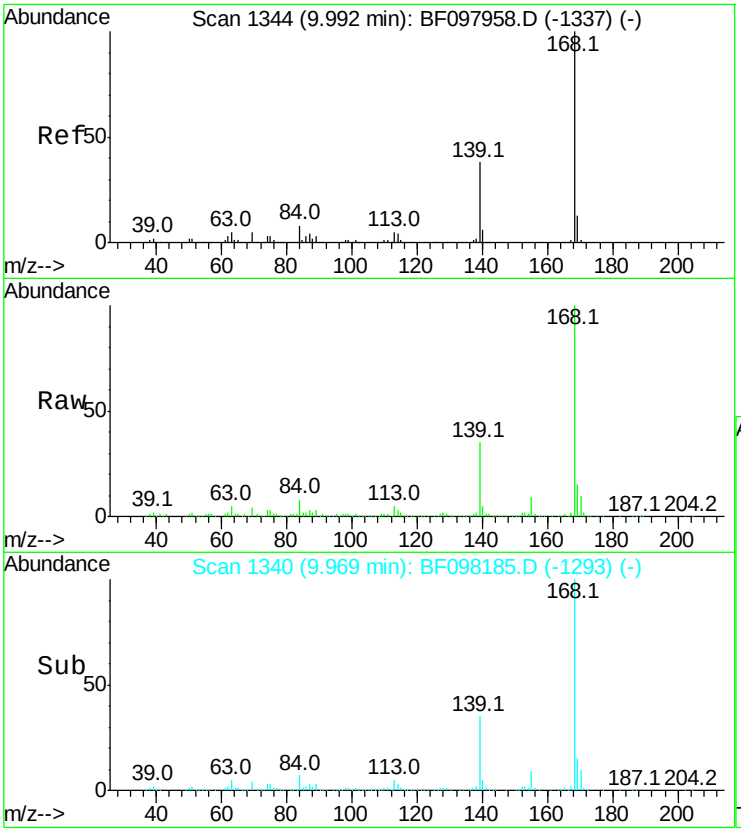


#53
2,4-Dinitrophenol
Concen: 10.384 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.15 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:184 Resp: 311

Ion	Ratio	Lower	Upper
184	100		
63	446.5	62.7	94.1#
154	655.6	81.1	121.7#



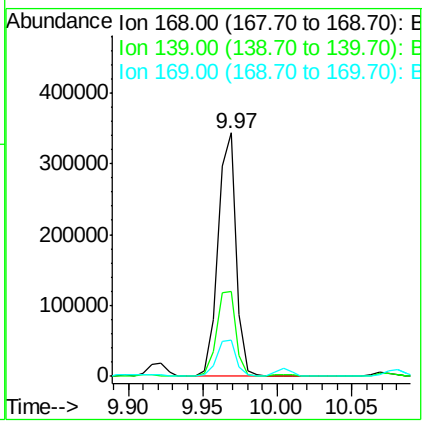


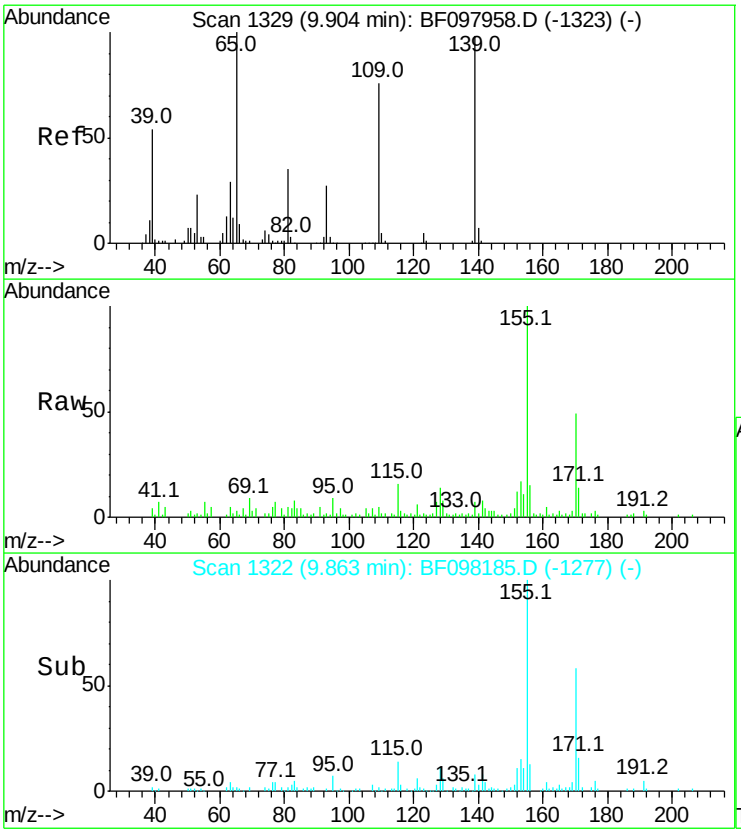
#54
Dibenzofuran
Concen: 20.447 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 295013

Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.6	45.8
169	15.0	10.8	16.2

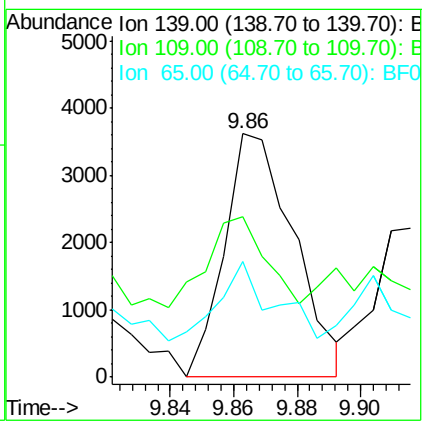


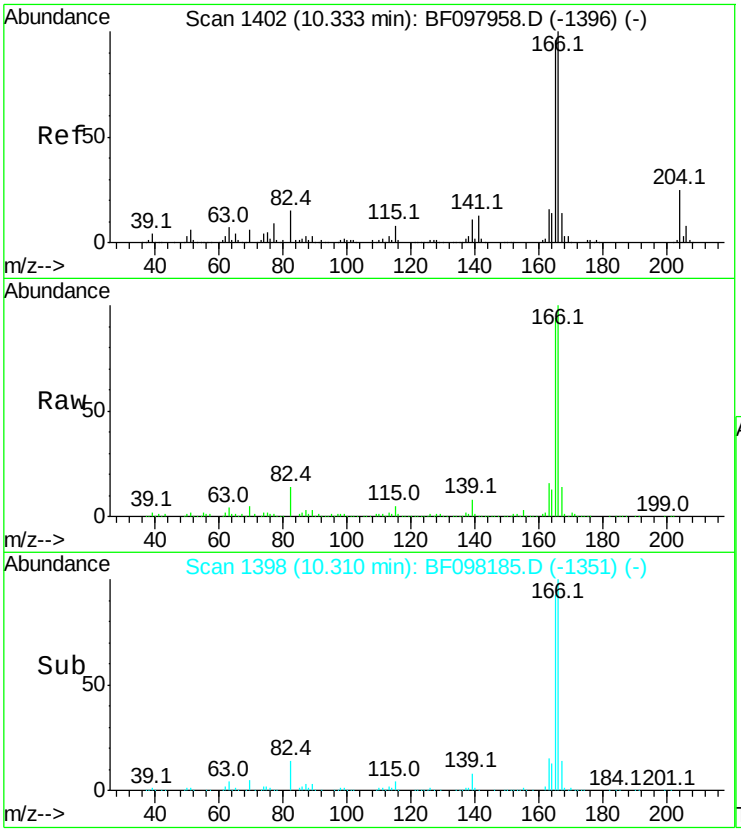


#55
4-Nitrophenol
Concen: 2.271 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.04 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:139 Resp: 5502

Ion	Ratio	Lower	Upper
139	100		
109	66.0	34.1	74.1
65	47.6	31.4	71.4



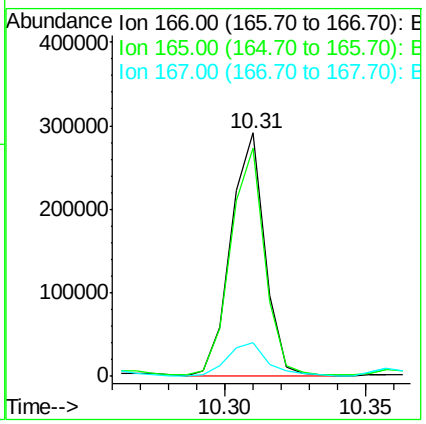


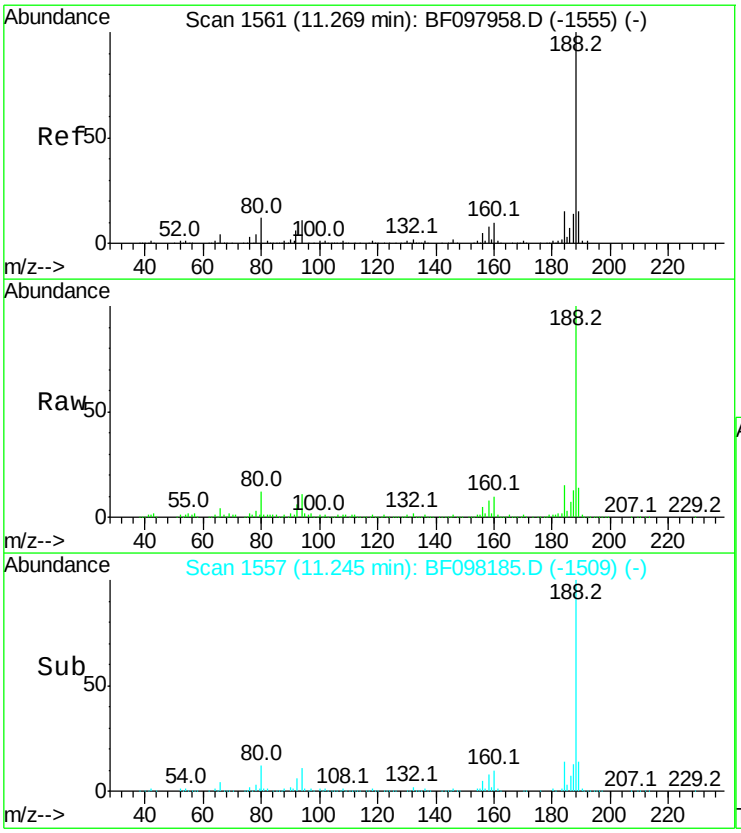
#57
Fluorene
Concen: 21.716 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 242252

Ion	Ratio	Lower	Upper
166	100		
165	93.7	78.8	118.2
167	13.7	10.6	16.0

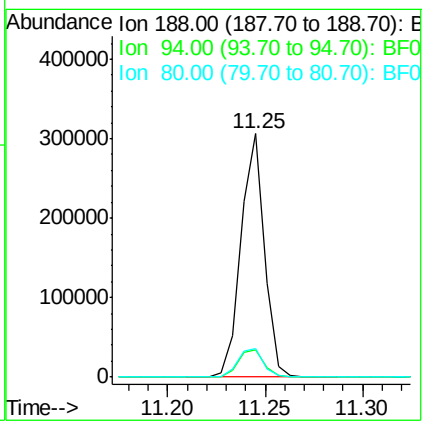


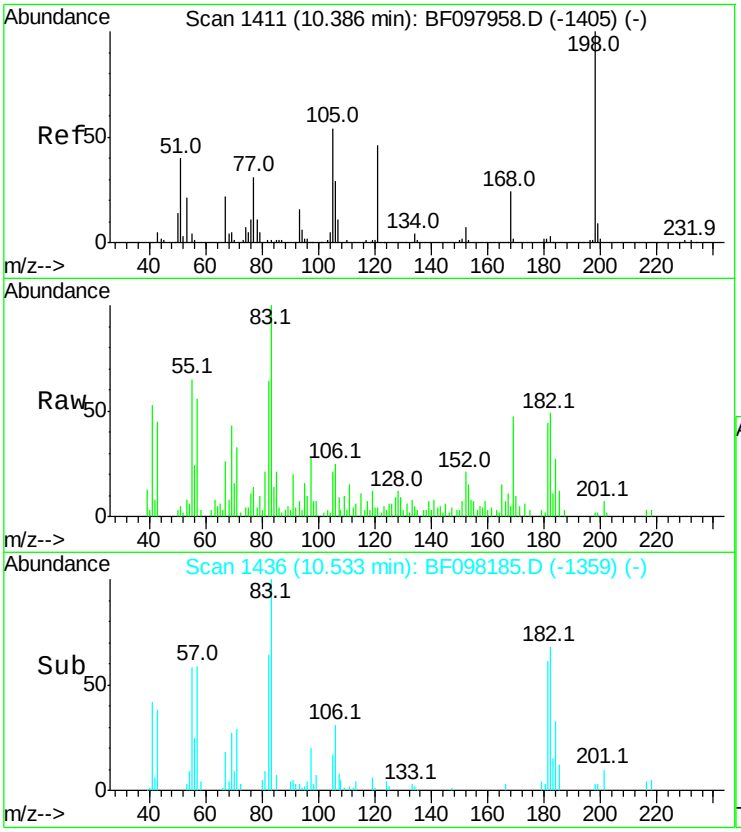


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:188 Resp: 254216

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.7	10.2	15.2



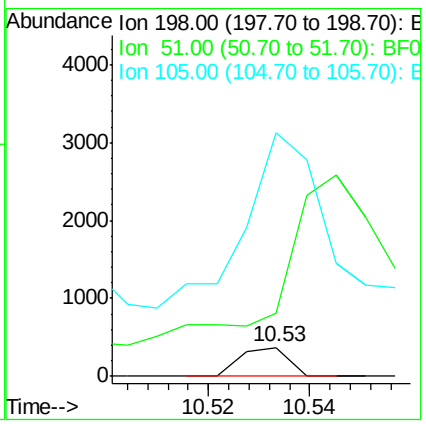


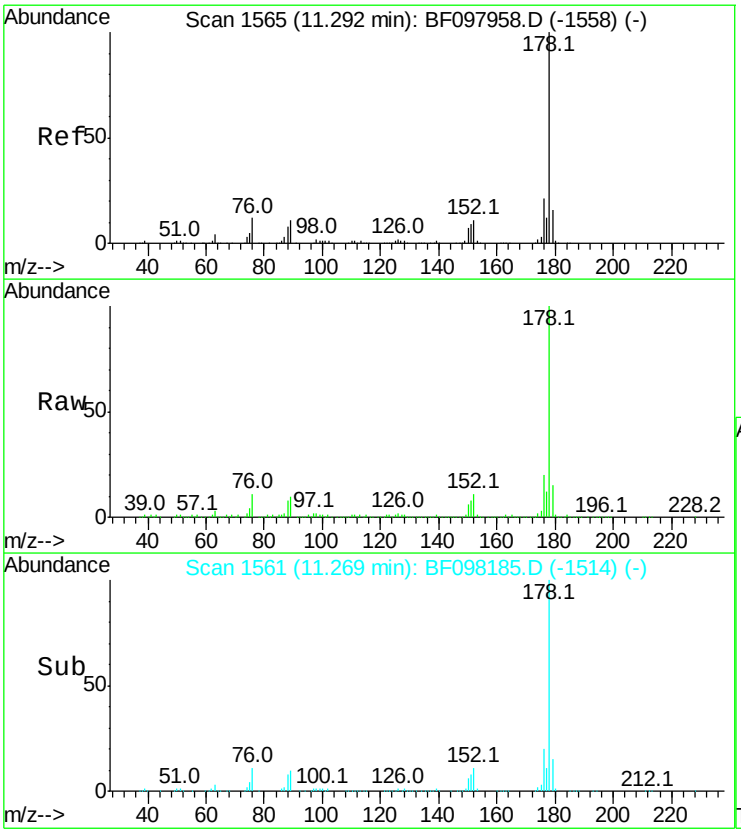
#64
4,6-Dinitro-2-methylphenol
Concen: 8.488 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.15 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 243

Ion	Ratio	Lower	Upper
198	100		
51	221.0	53.2	93.2#
105	851.5	45.8	85.8#

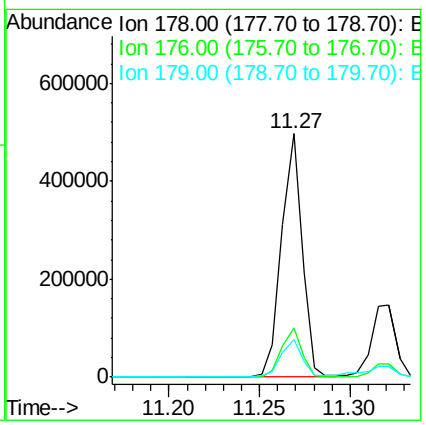


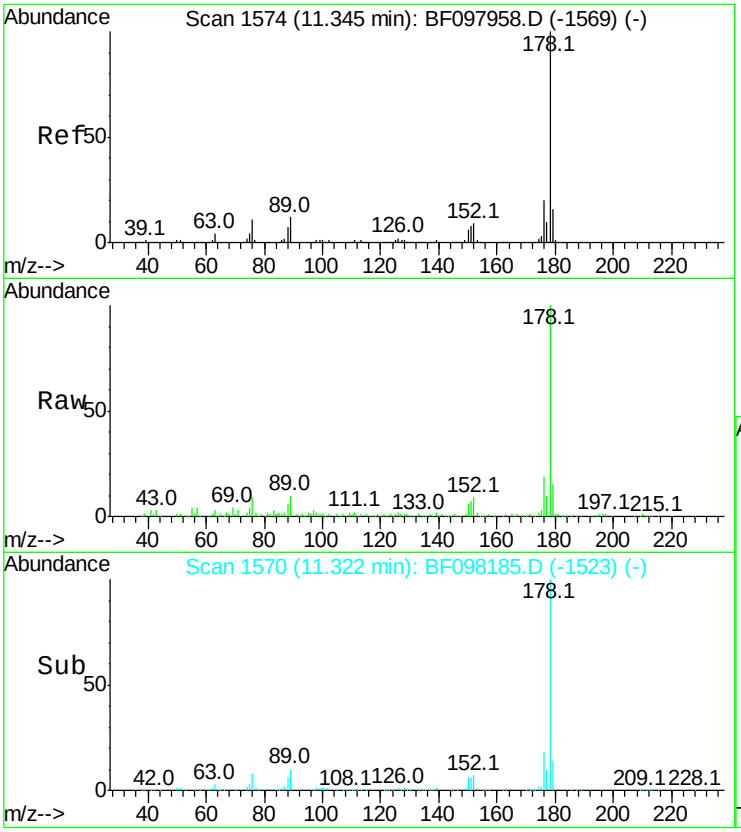


#70
Phenanthrene
Concen: 29.205 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:178 Resp: 395620

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.4	12.6	19.0



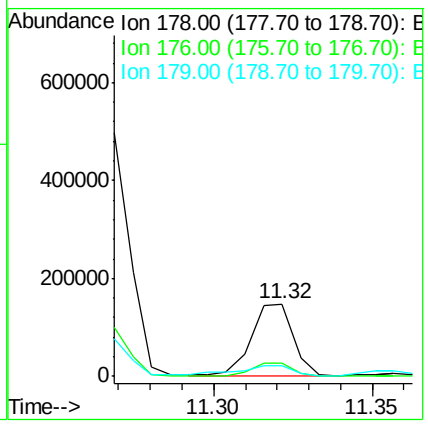


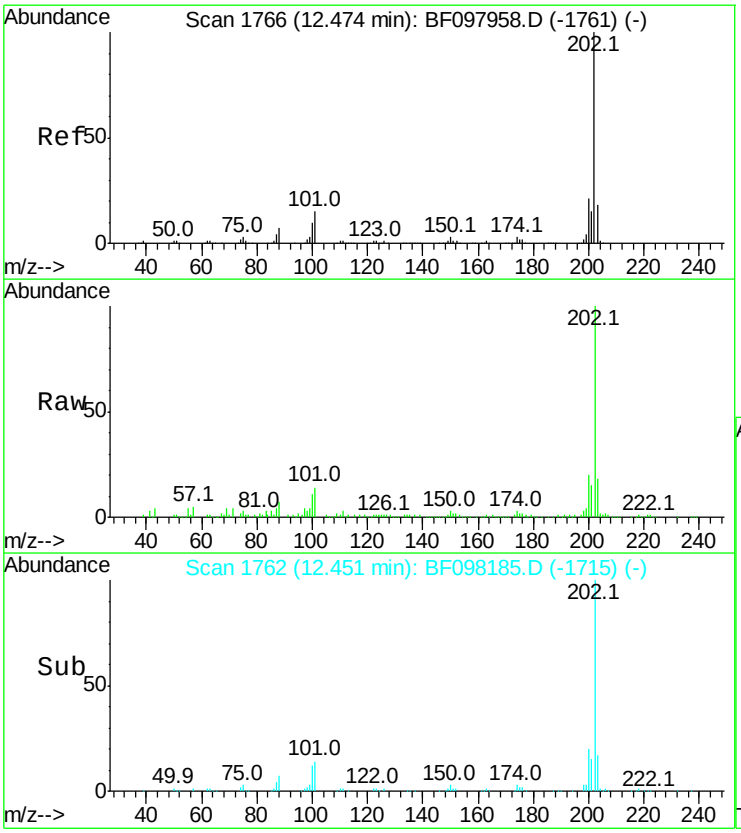
#71
Anthracene
Concen: 9.846 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 135282

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	12.7	19.1

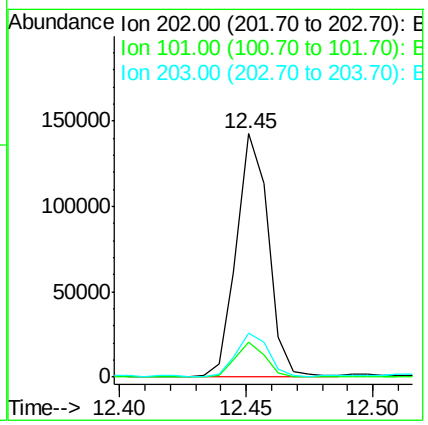


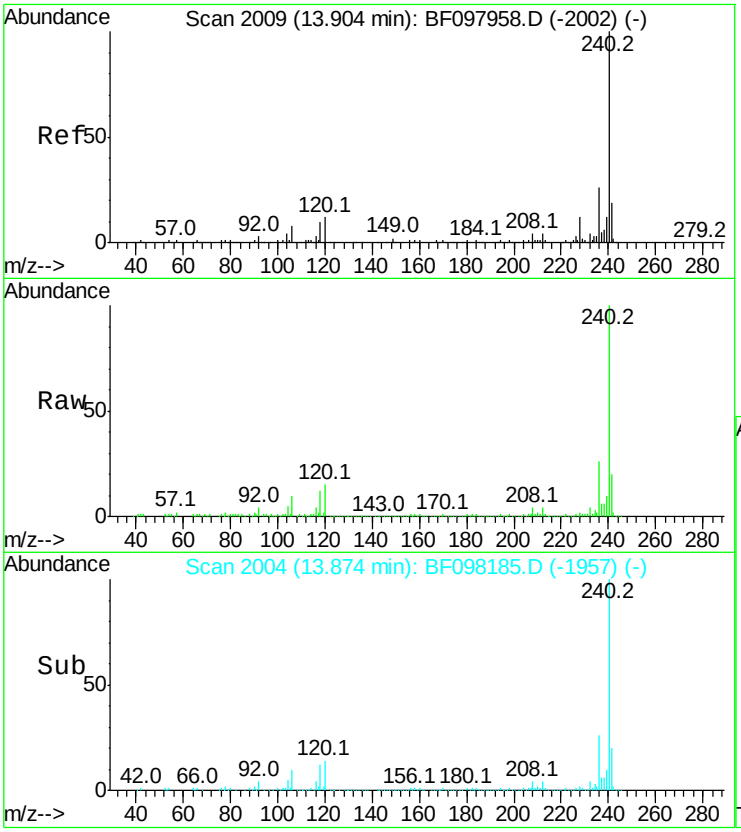


#74
Fluoranthene
Concen: 8.755 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:202 Resp: 123791

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	18.0	0.0	38.1



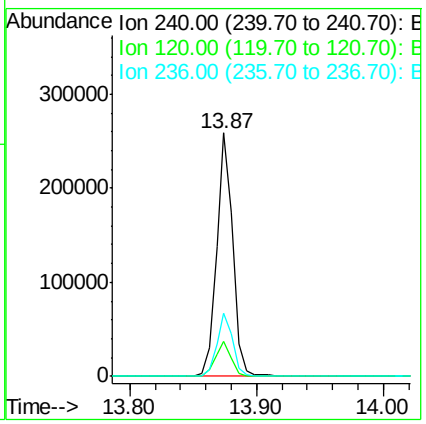


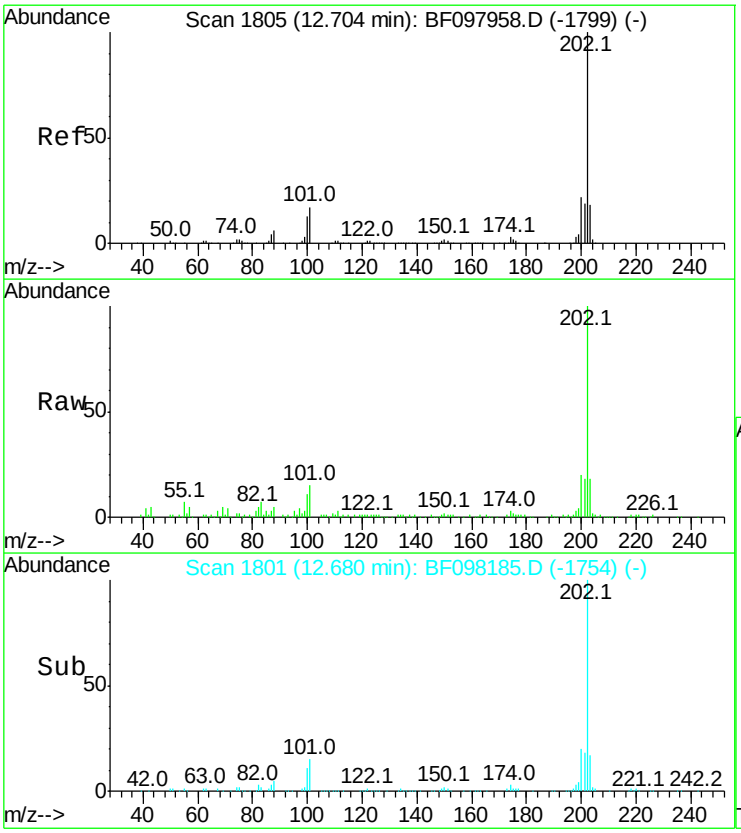
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 230072

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.9	20.5	30.7

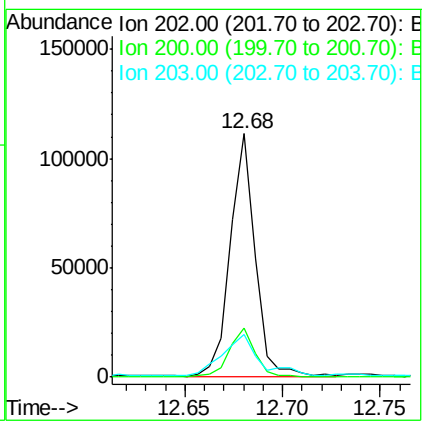


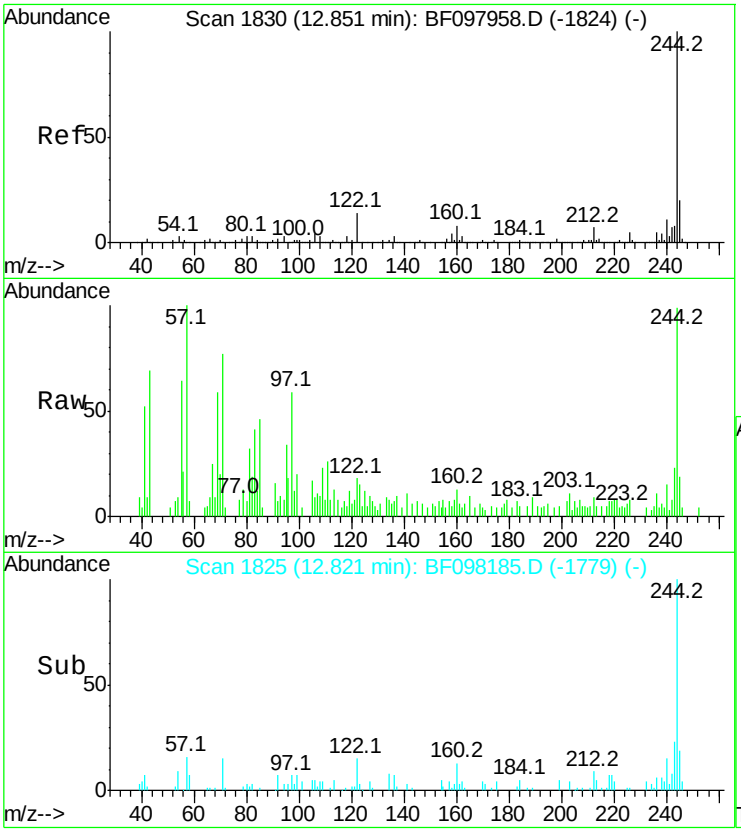


#77
Pyrene
Concen: 5.201 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:202 Resp: 97874

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	17.6	14.4	21.6



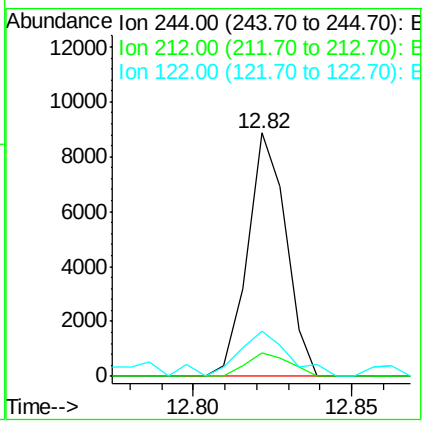


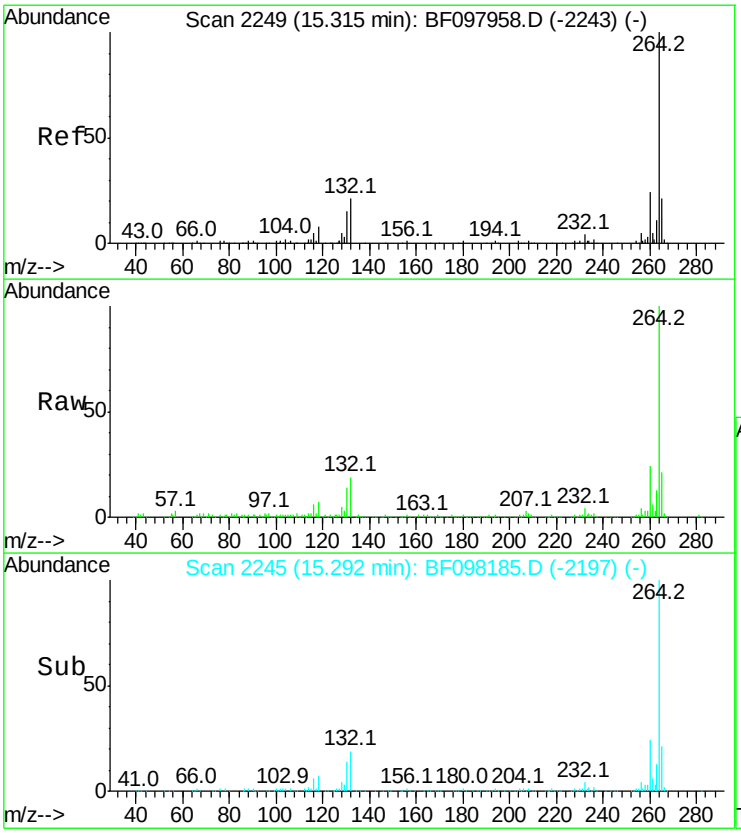
#78
Terphenyl-d14
Concen: 0.675 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7444

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.0	9.0#
122	18.4	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098185.D
Acq: 31 Aug 2017 6:07

Tgt Ion:264 Resp: 161142

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.1	17.2	25.8