Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098335.D
Acq On : 8 Sep 2017 1:18
Operator : SJ/JU
Sample : I5071-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G55A-2.5-4.5

Quant Time: Sep 08 01:58:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	109978	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	413775	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	171192	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	275458	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	234933	20.00	ng		-0.02
86) Perylene-d12	15.26	264	193659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	819888	113.40	ng		0.00
7) Phenol-d6	6.34	99	1135200	115.56	ng		-0.01
23) Nitrobenzene-d5	7.26	82	665310	87.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	175398	118.08	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1007583	86.47	ng		-0.02
78) Terphenyl-d14	12.80	244	686202	60.91	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	86359	12.842	ng	#	70
25) Isophorone	7.26	82	659652	41.650	ng	#	67
49) Dimethylphthalate	9.45	163	171476	13.703	ng		99
56) 2,4-Dinitrotoluene	9.73	165	22477	7.170	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.52	198	316	8.522	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	11563	4.042	ng	#	1
70) Phenanthrene	11.23	178	63952	4.357	ng		99
74) Fluoranthene	12.42	202	123507	8.061	ng		99
77) Pyrene	12.65	202	122658	6.384	ng		98
80) Benzo(a)anthracene	13.83	228	86264	6.126	ng		93
82) Chrysene	13.87	228	91600	6.540	ng		96
83) Bis(2-ethylhexyl)phthalate	13.83	149	27791	3.404	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	33639	3.265	ng		93
87) Benzo(b)fluoranthene	14.86	252	176966	14.497	ng	#	97
88) Benzo(k)fluoranthene	14.86	252	176966	15.431	ng		97
89) Benzo(a)pyrene	15.20	252	68675	6.355	ng		99
91) Benzo(g,h,i)perylene	17.02	276	32679	3.560	ng		97

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

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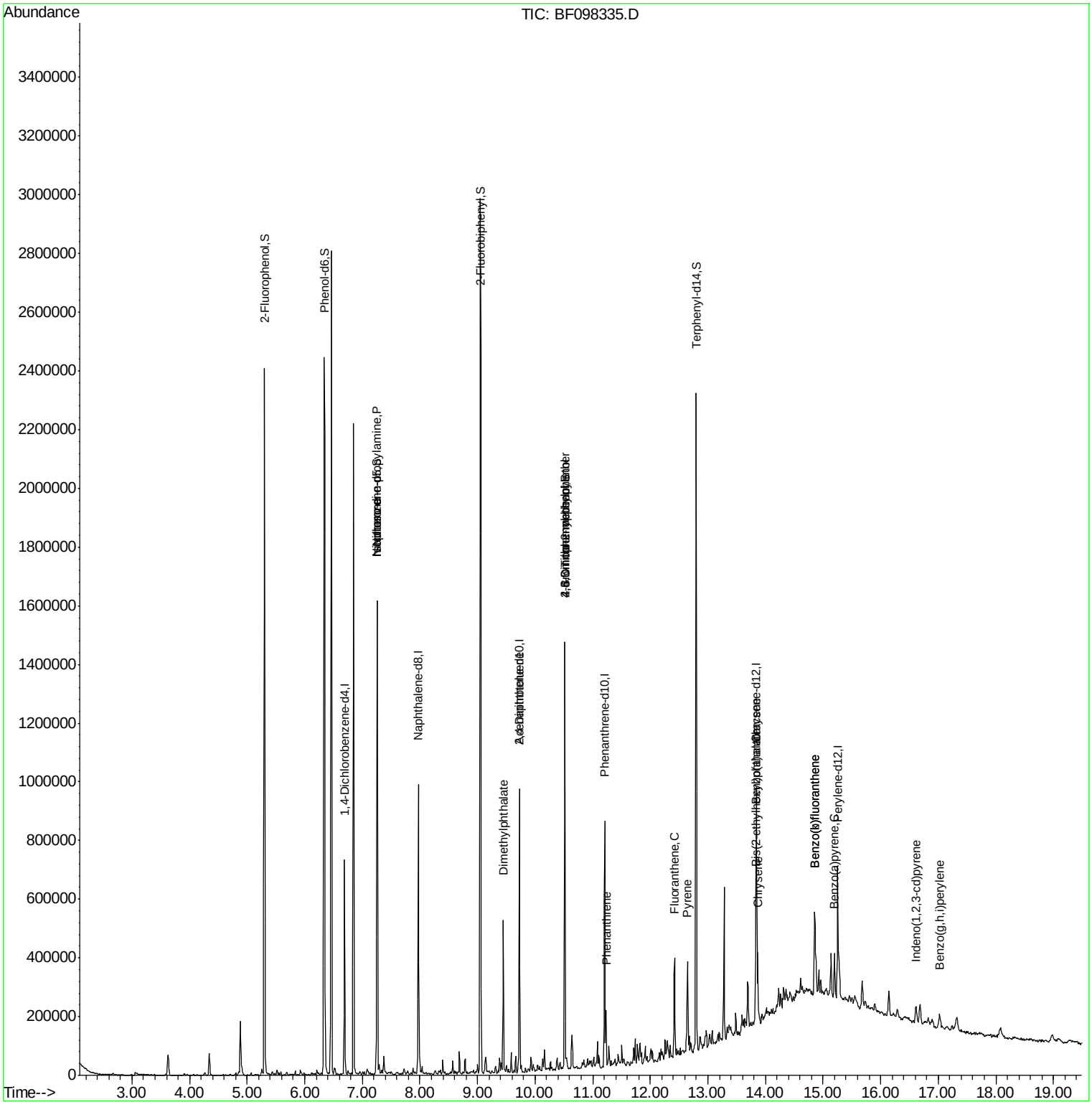
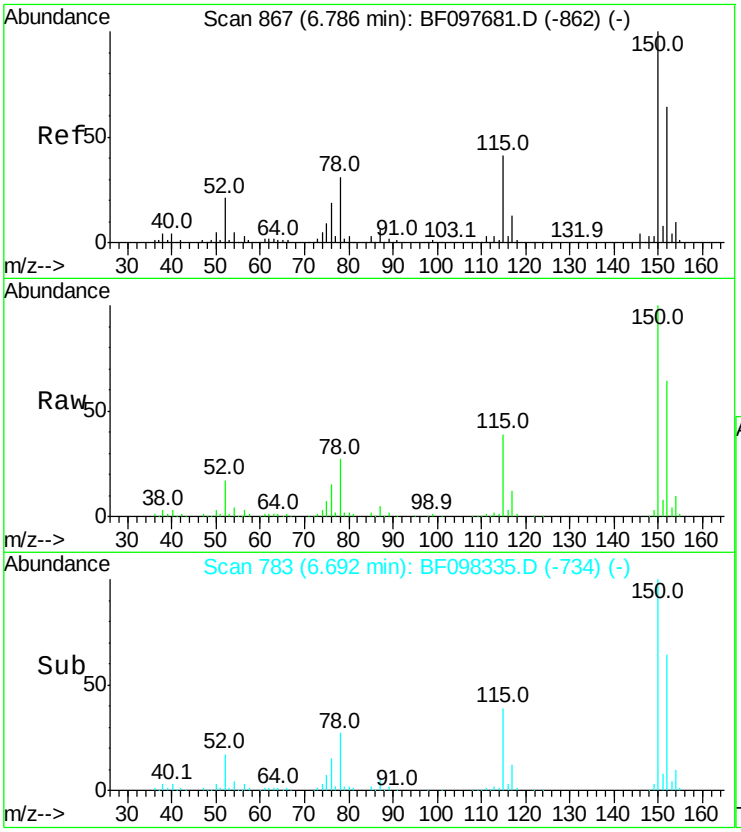


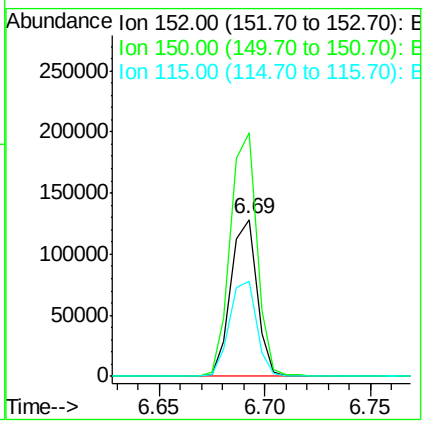


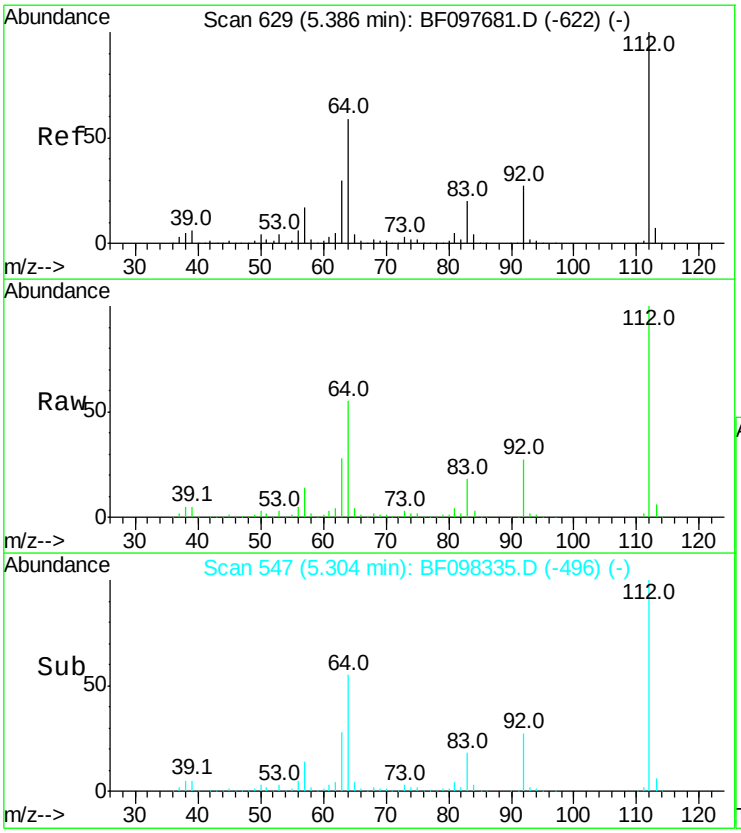
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:152 Resp: 109978

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	60.4	52.2	78.2

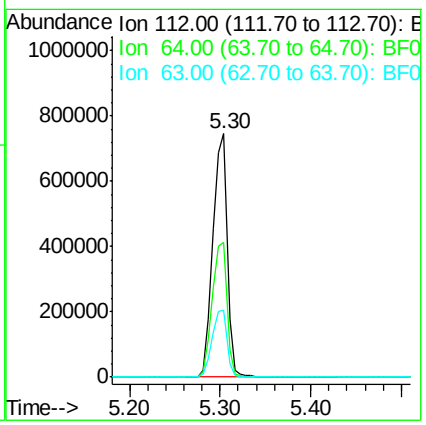


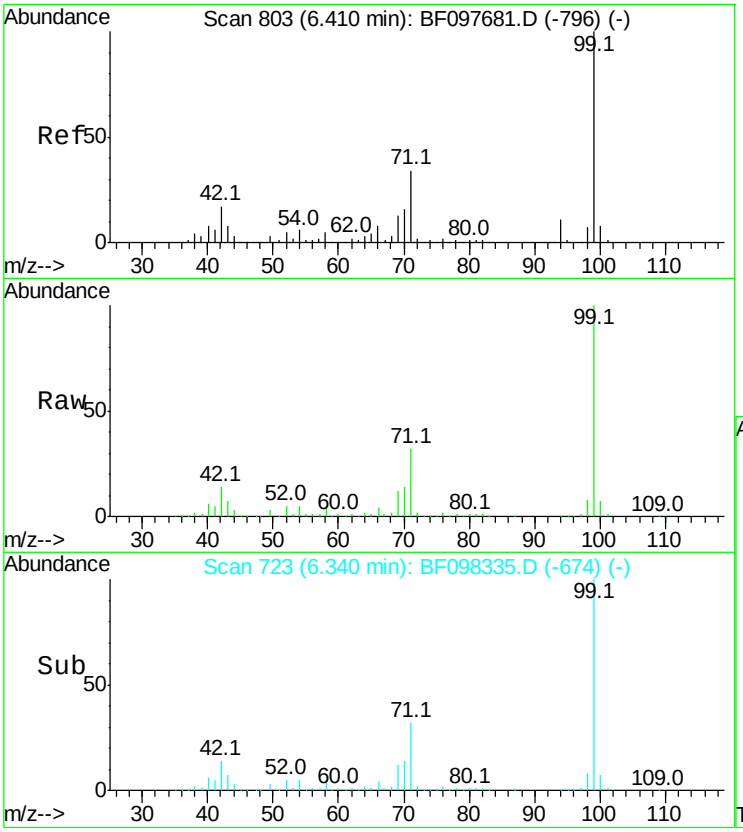


#5
2-Fluorophenol
Concen: 113.396 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:112 Resp: 819888

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.5	23.4	35.0



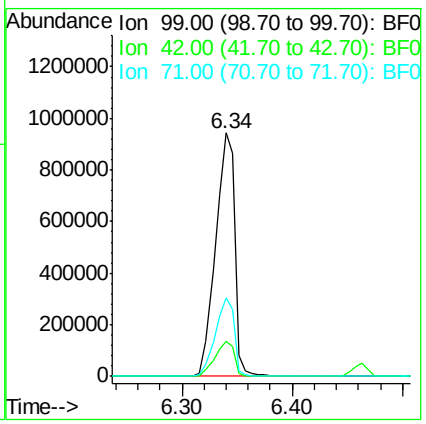


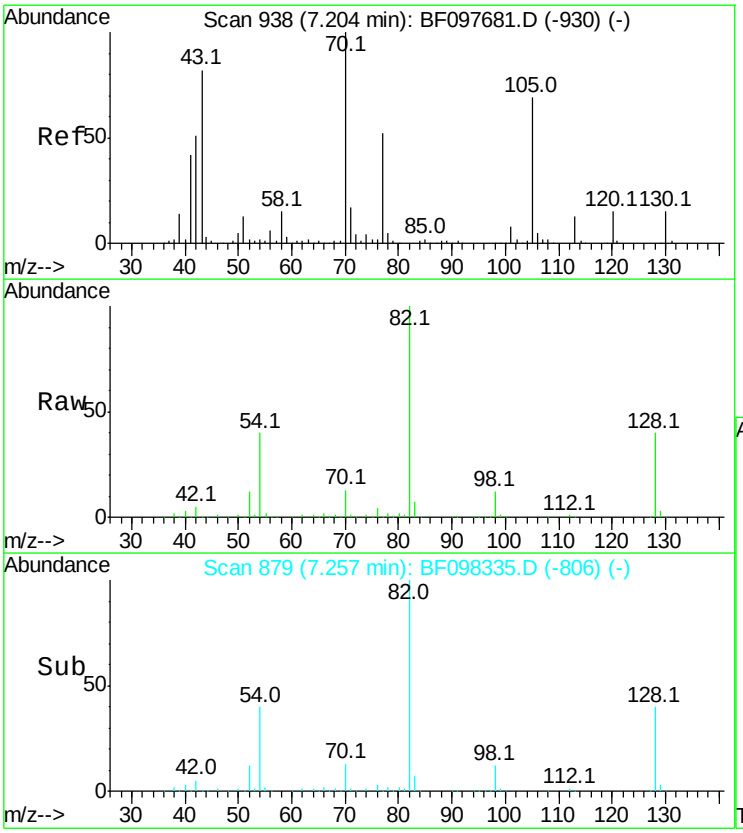
#7
Phenol-d6
Concen: 115.555 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion: 99 Resp: 1135200

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	32.3	24.5	36.7

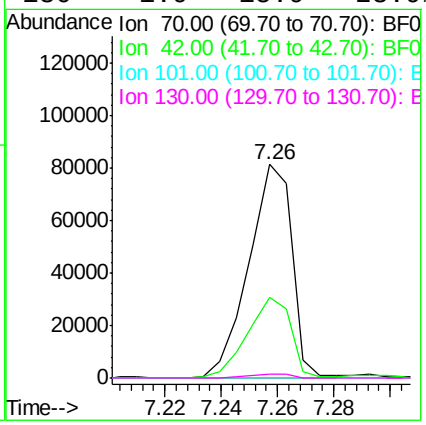


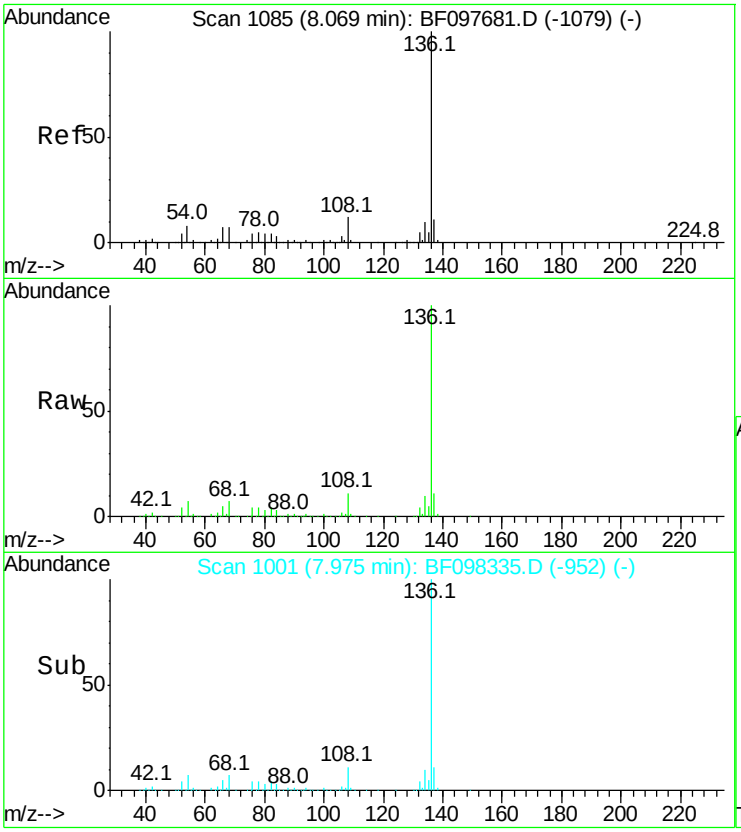


#19
n-Nitroso-di-n-propylamine
Concen: 12.842 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion: 70 Resp: 86359

Ion	Ratio	Lower	Upper
70	100		
42	37.8	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



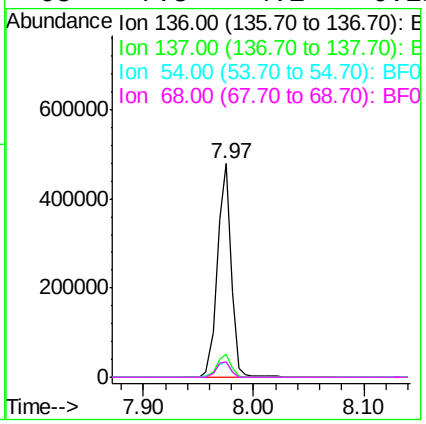


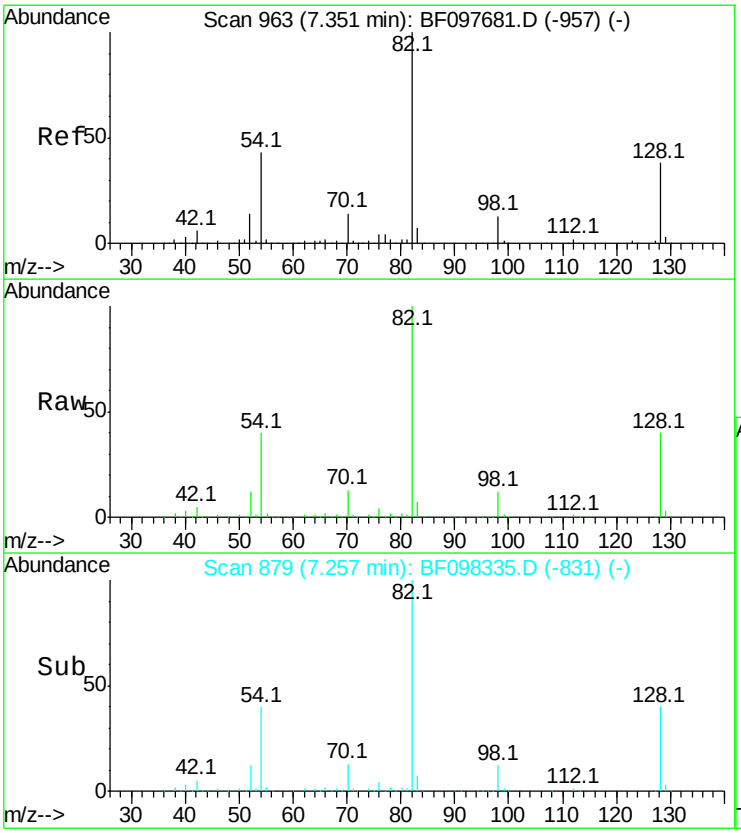
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:136 Resp: 413775

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

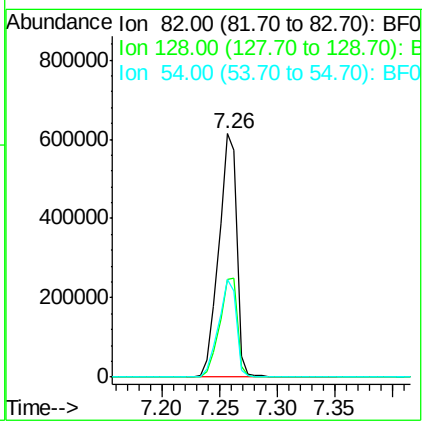


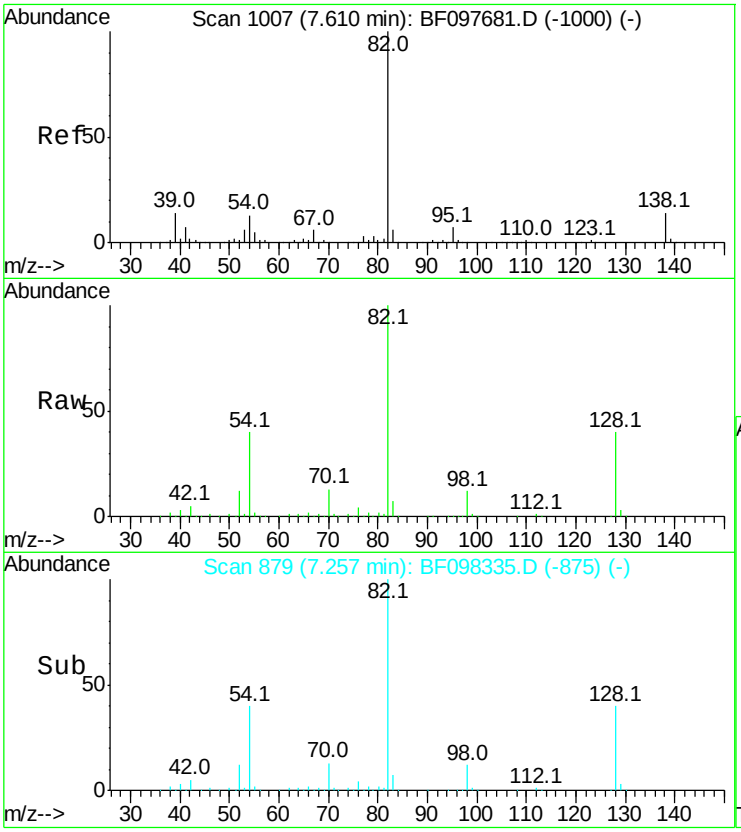


#23
Nitrobenzene-d5
Concen: 87.349 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion: 82 Resp: 665310

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	40.1	42.2	63.2#



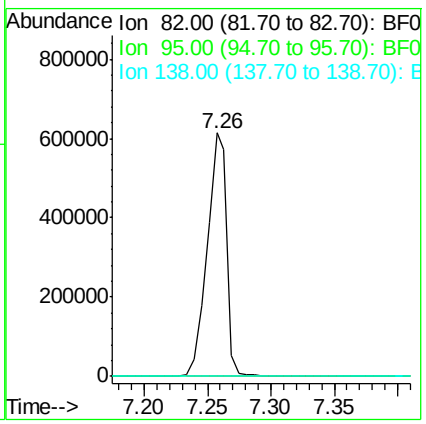


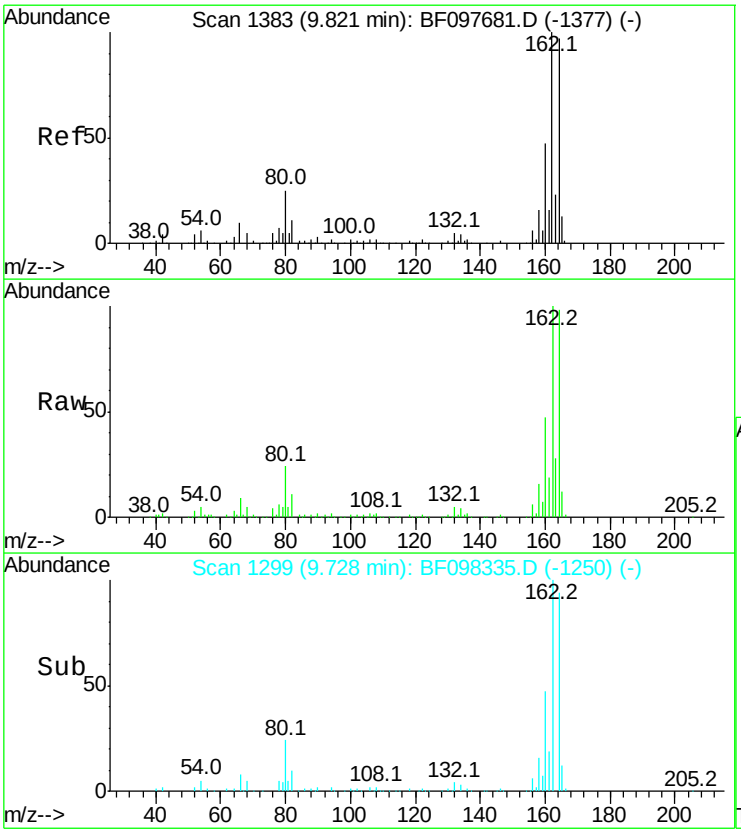
#25
Isophorone
Concen: 41.650 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion: 82 Resp: 659652

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

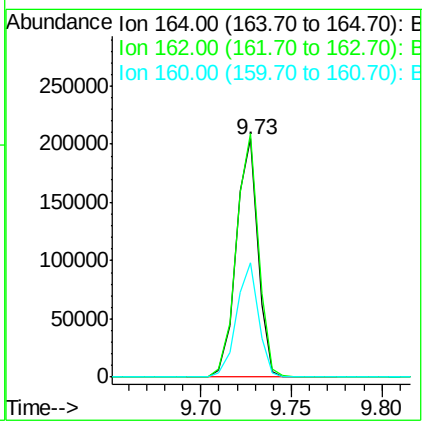


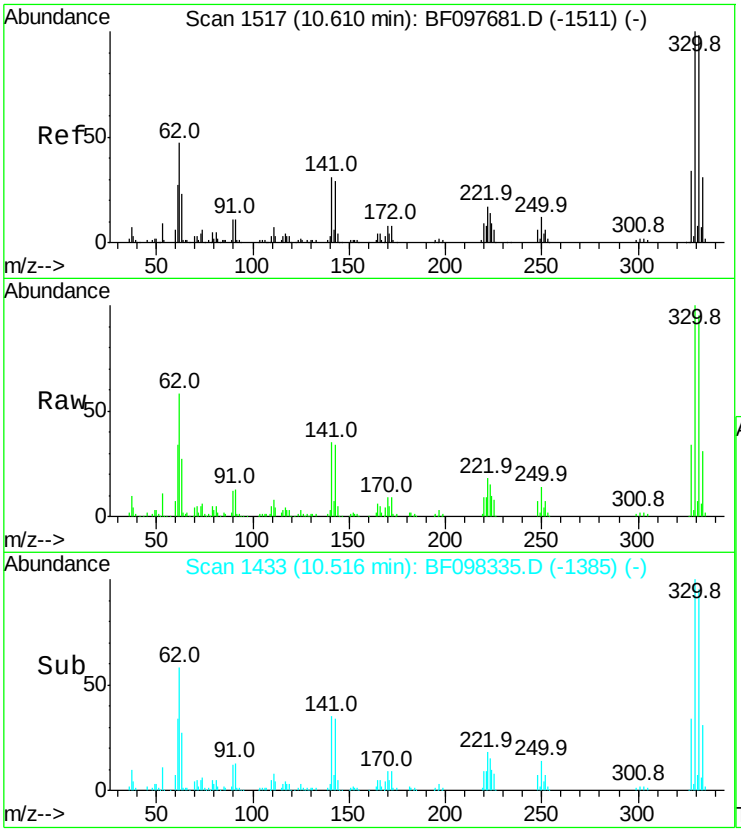


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:164 Resp: 171192

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	47.8	36.2	54.2



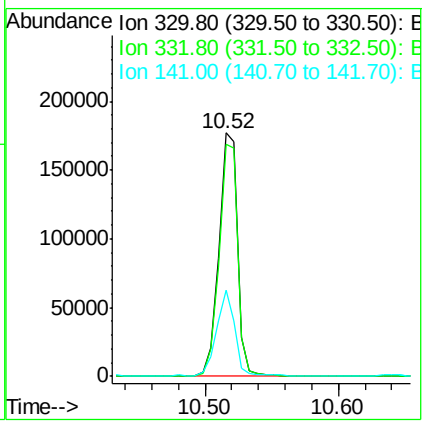


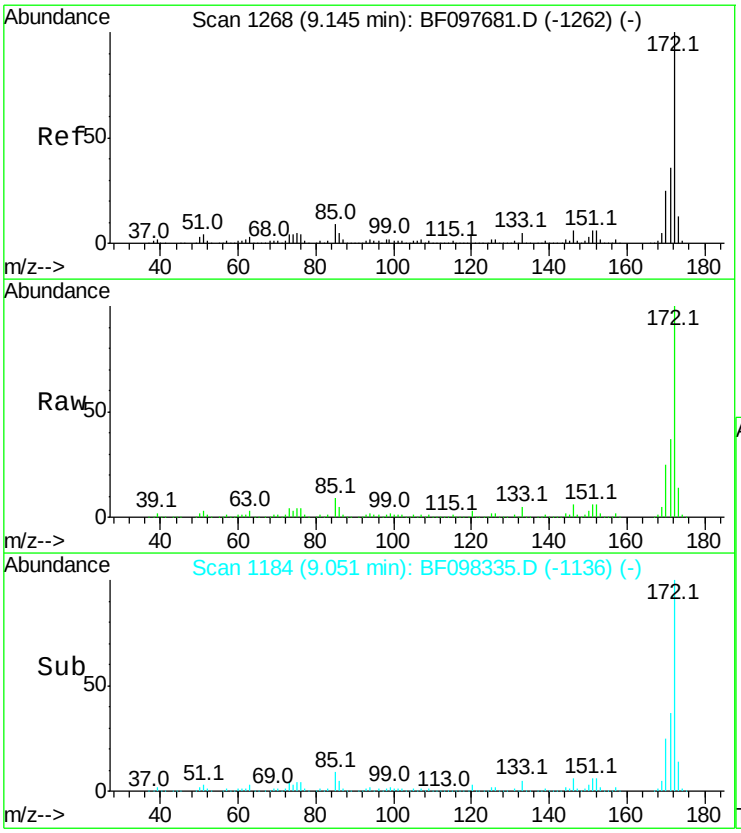
#41
2,4,6-Tribromophenol
Concen: 118.084 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:330 Resp: 175398

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	35.8	31.4	47.2

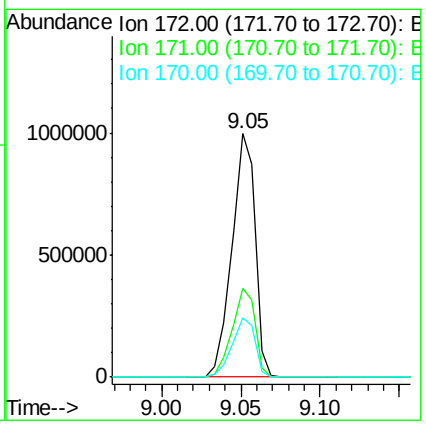


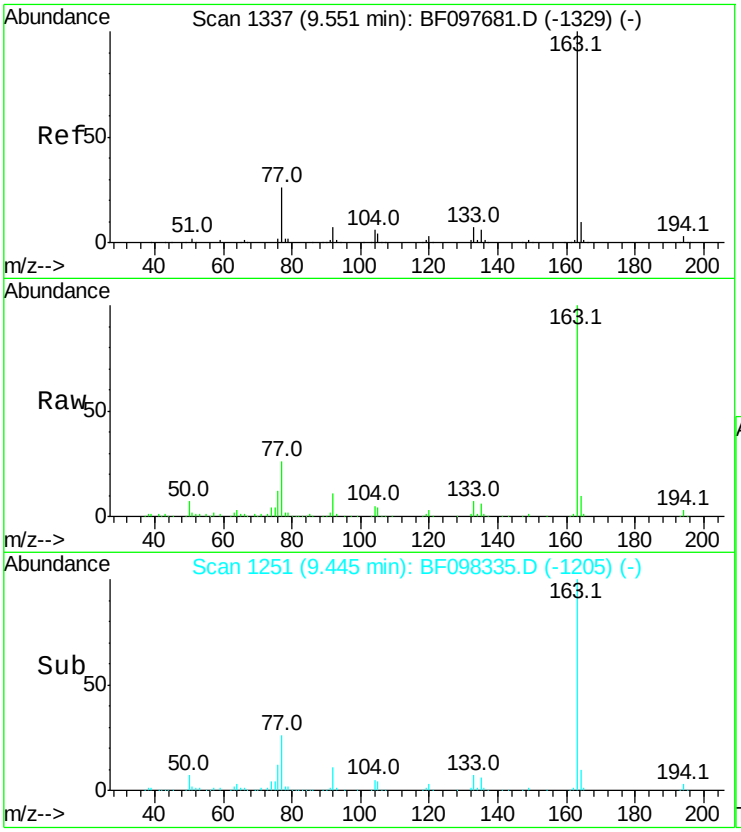


#44
2-Fluorobiphenyl
Concen: 86.473 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:172 Resp: 1007583

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	19.8	29.8



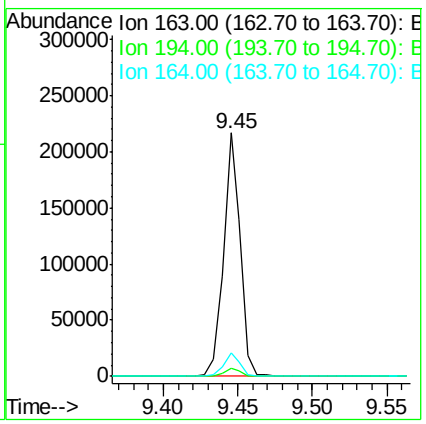


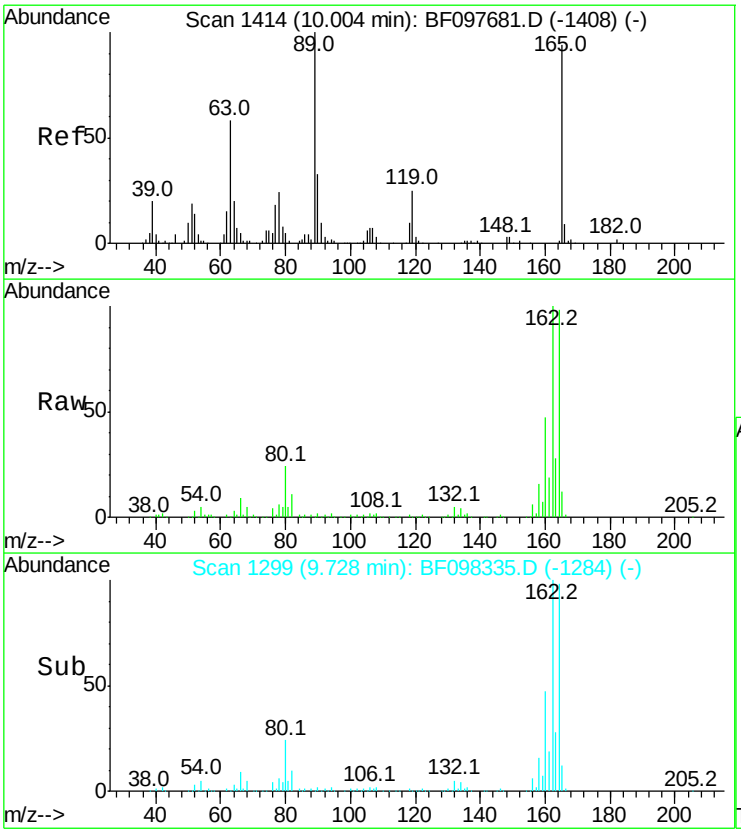
#49
Dimethylphthalate
Concen: 13.703 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:163 Resp: 171476

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6

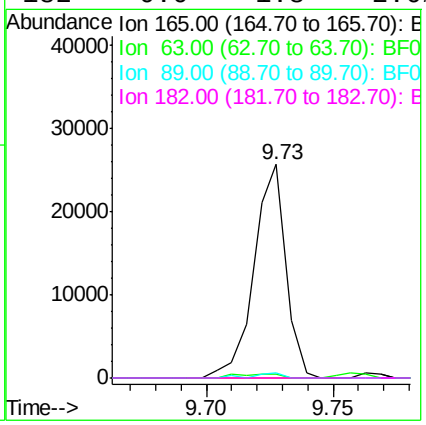


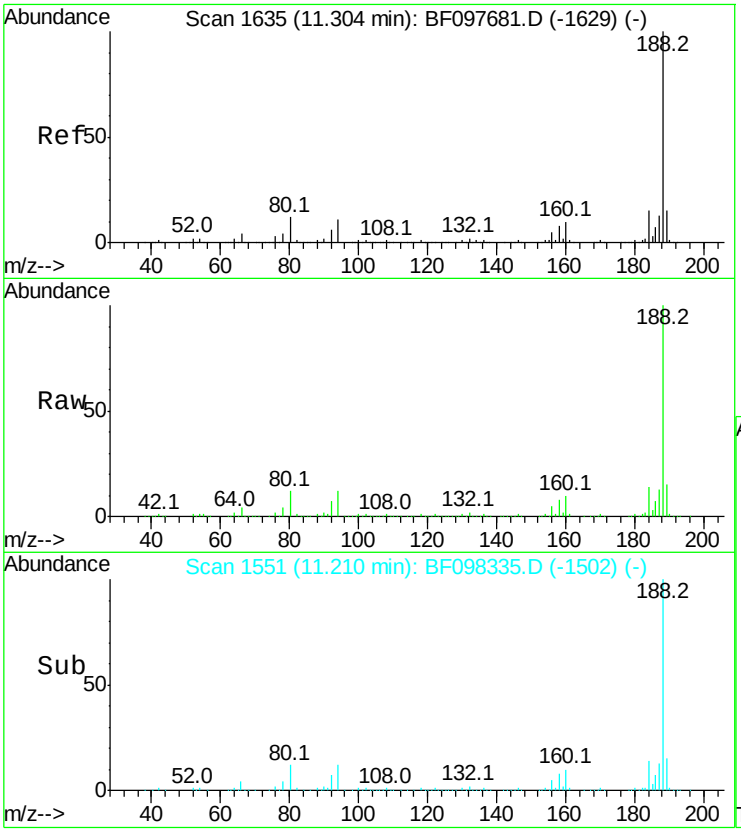


#56
2,4-Dinitrotoluene
Concen: 7.170 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:165 Resp: 22477

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



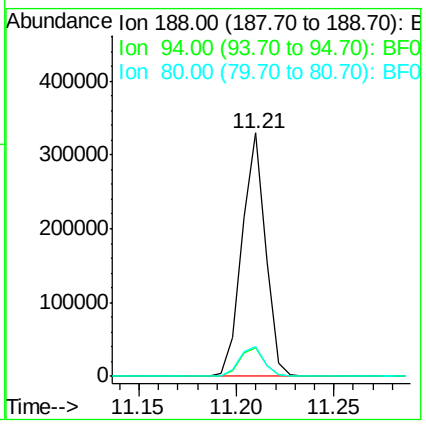


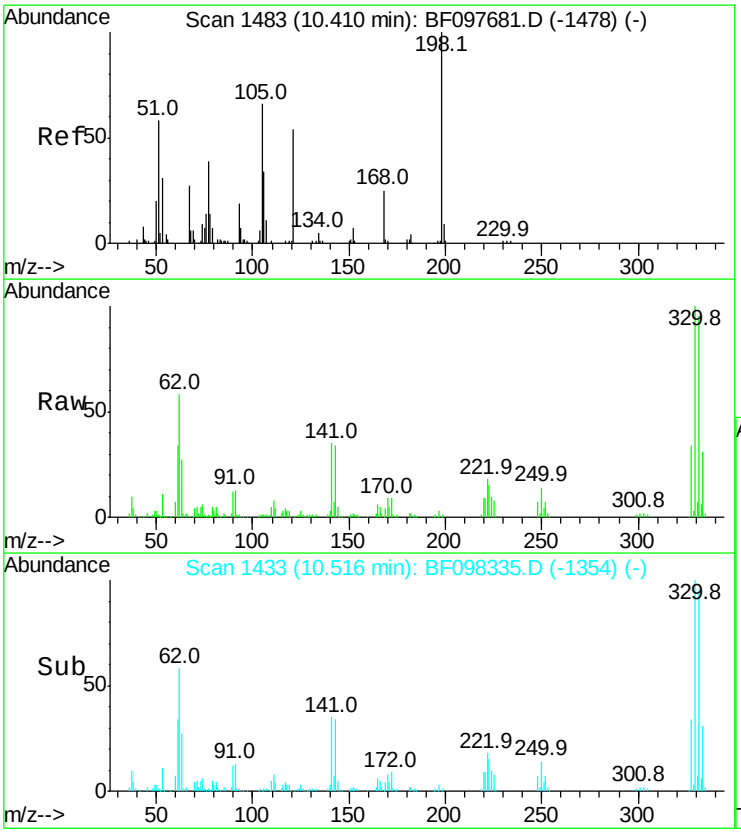
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:188 Resp: 275458

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.2	10.2	15.2

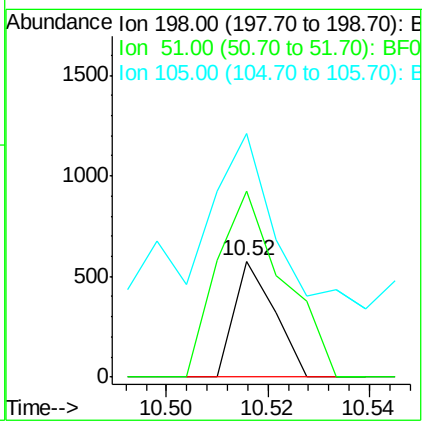


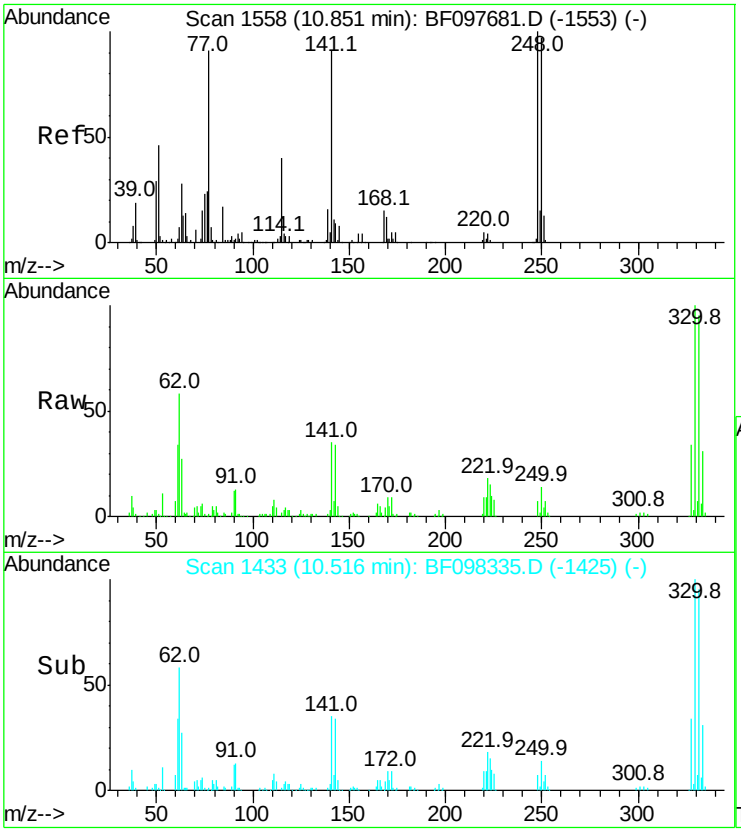


#64
4,6-Dinitro-2-methylphenol
Concen: 8.522 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:198 Resp: 316

Ion	Ratio	Lower	Upper
198	100		
51	161.2	53.2	93.2#
105	210.4	45.8	85.8#



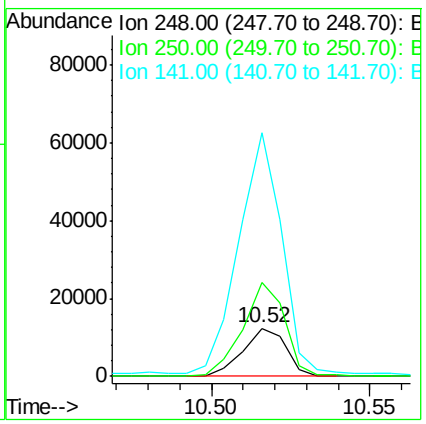


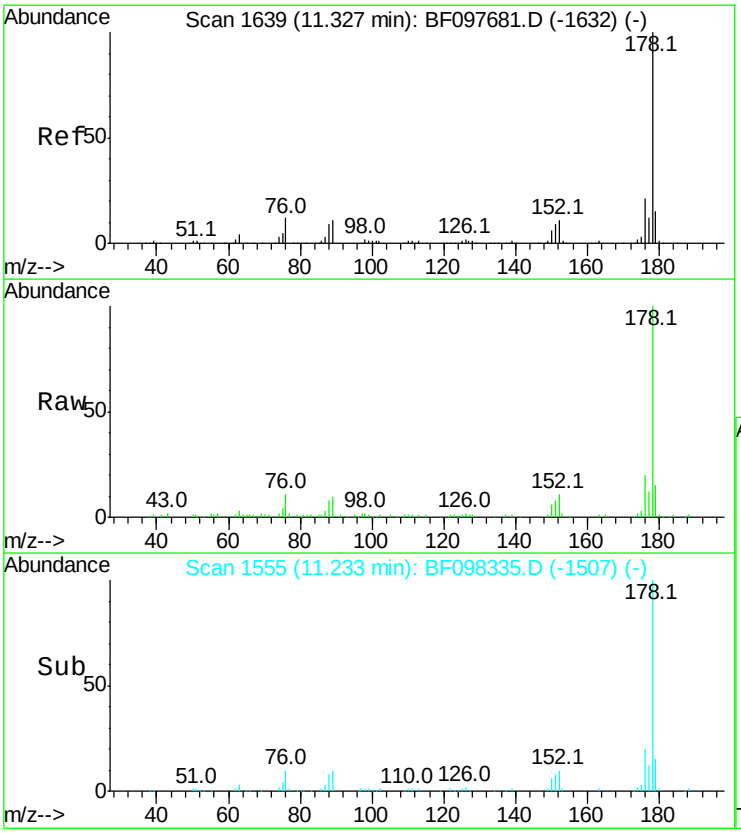
#66
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:248 Resp: 11563

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.8	115.2#
141	505.6	68.6	103.0#

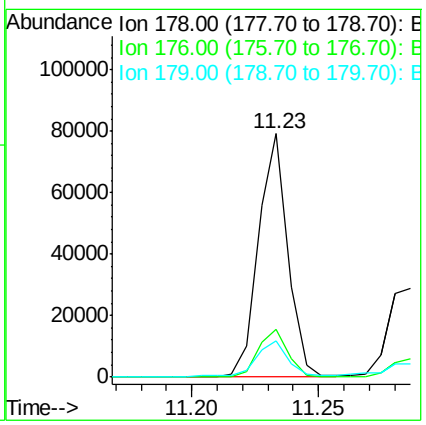


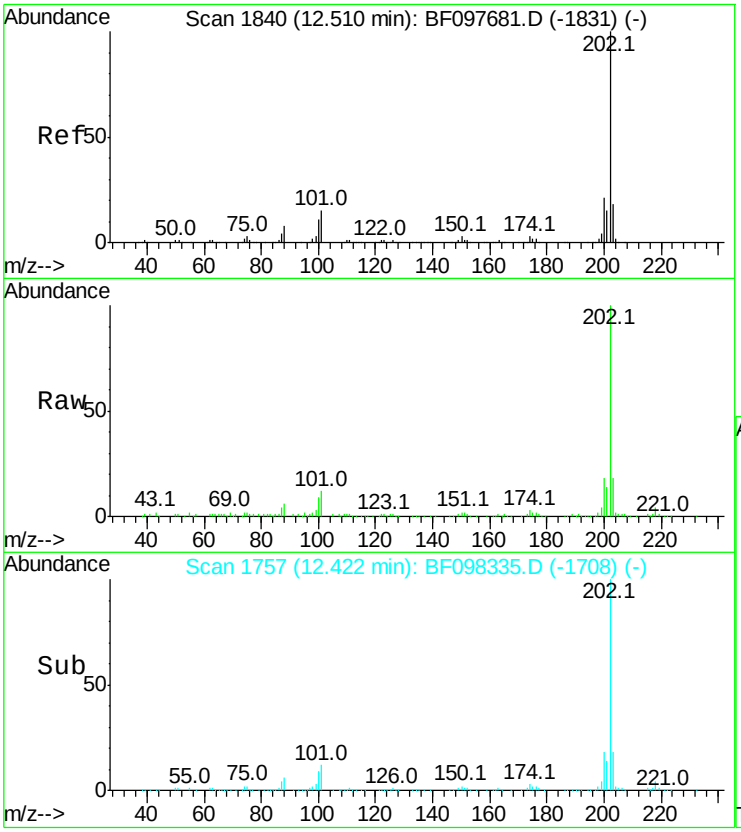


#70
Phenanthrene
Concen: 4.357 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:178 Resp: 63952

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.1	12.6	19.0



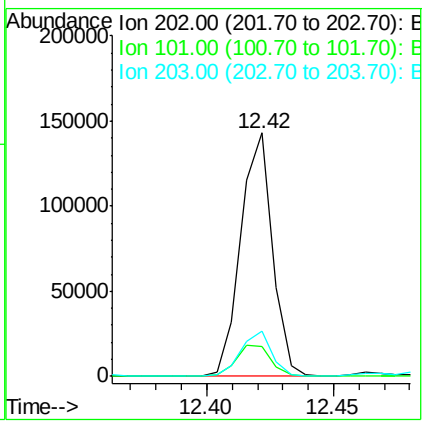


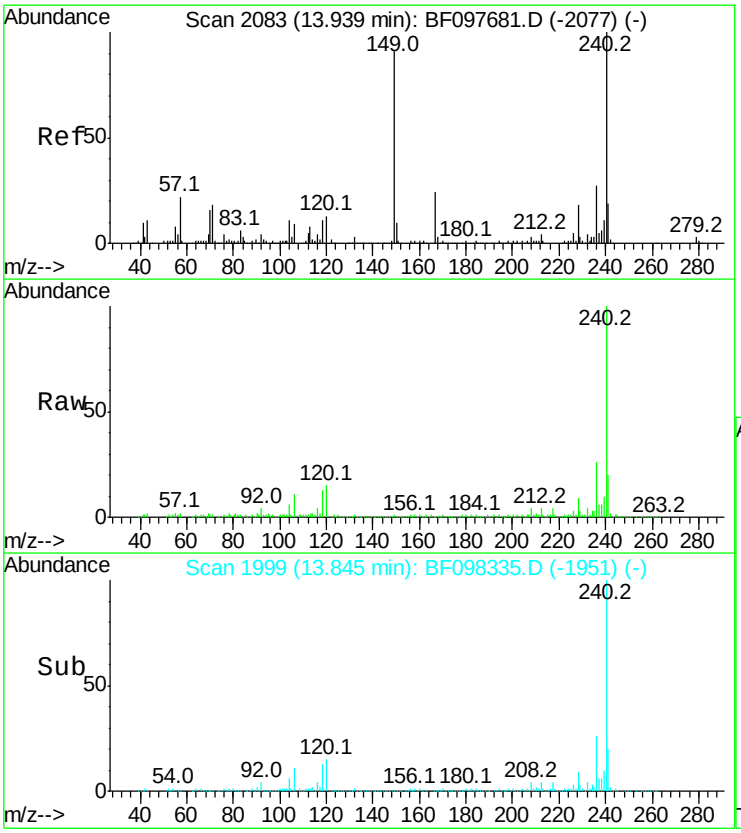
#74
Fluoranthene
Concen: 8.061 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:202 Resp: 123507

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.4	0.0	38.1

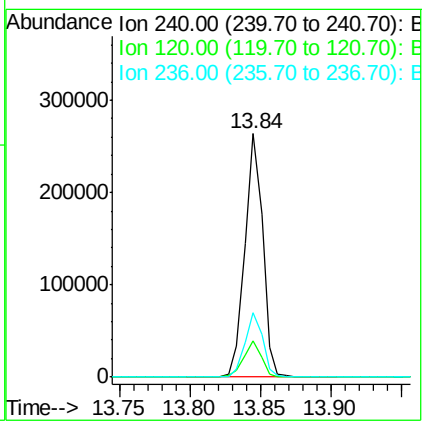


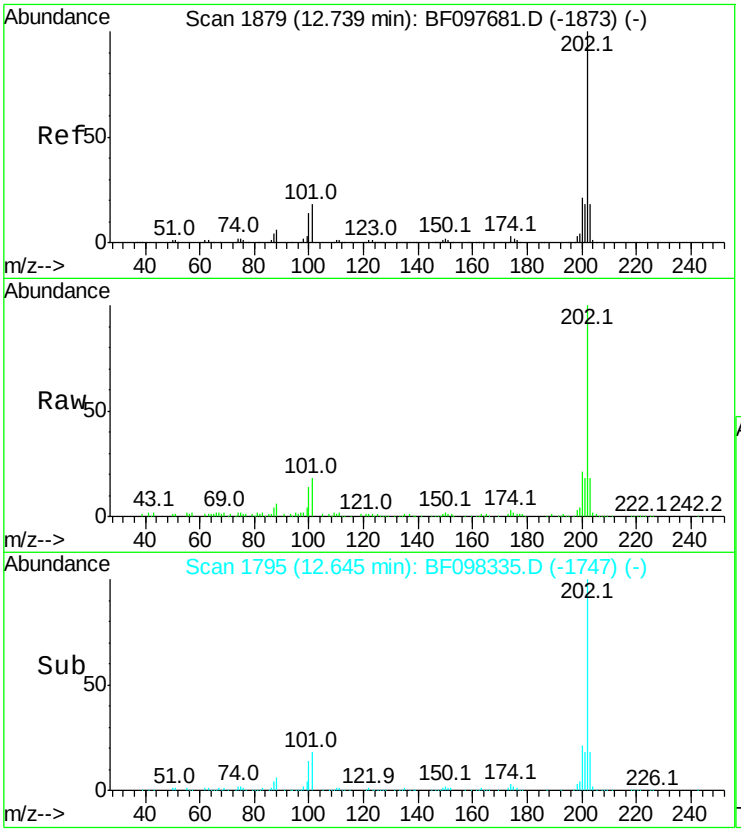


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:240 Resp: 234933

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.3	20.5	30.7



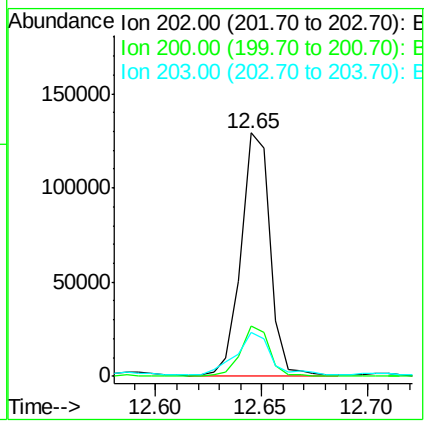


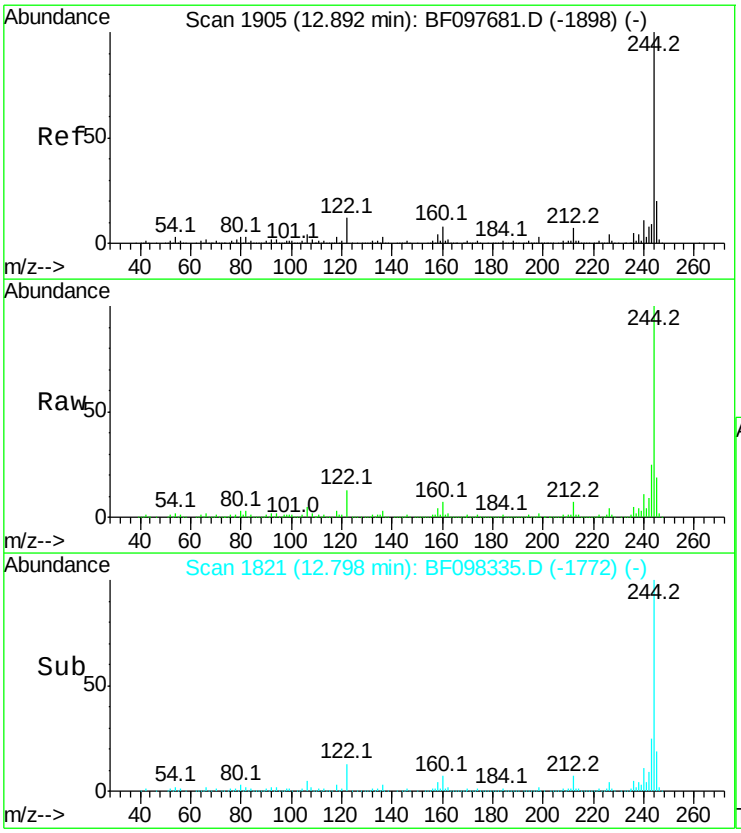
#77
Pyrene
Concen: 6.384 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:202 Resp: 122658

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.2	14.4	21.6

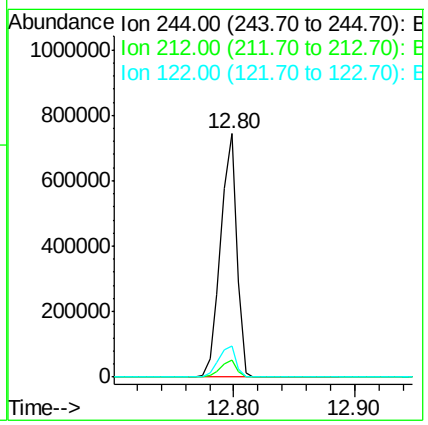


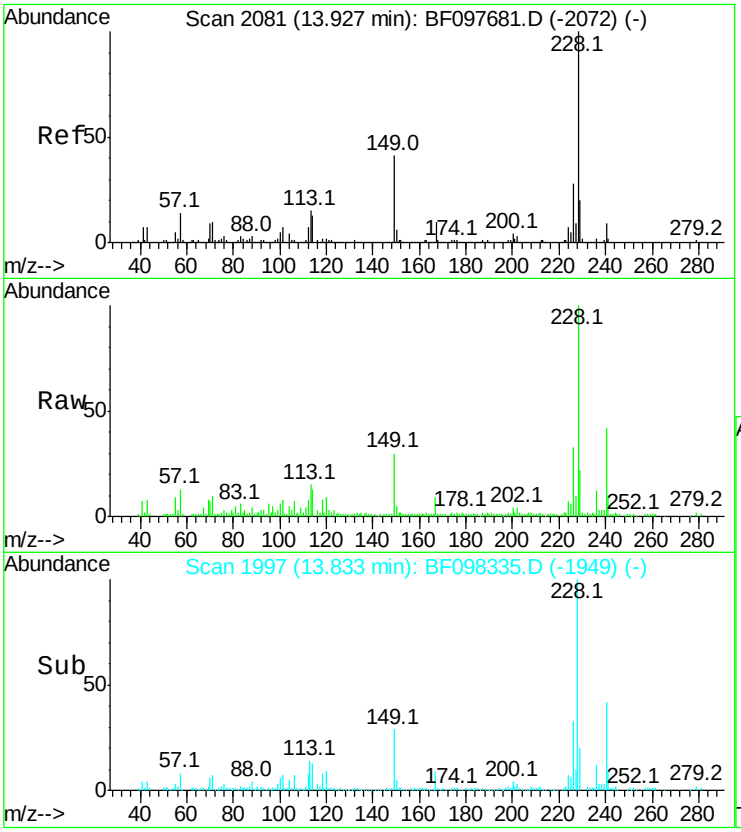


#78
Terphenyl-d14
Concen: 60.909 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:244 Resp: 686202

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.6	10.3	15.5



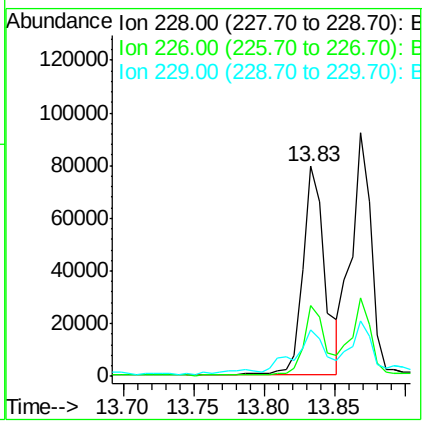


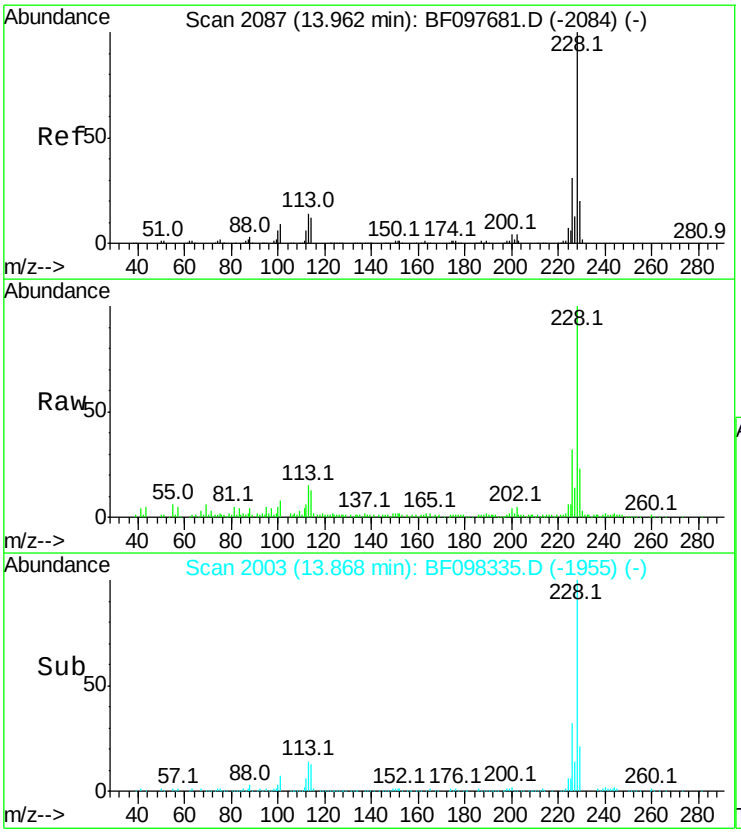
#80
Benzo(a)anthracene
Concen: 6.126 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:228 Resp: 86264

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	21.9	16.3	24.5

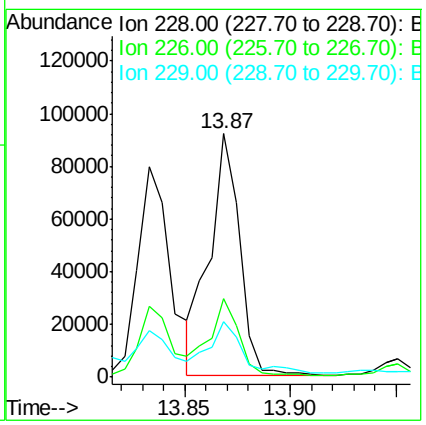


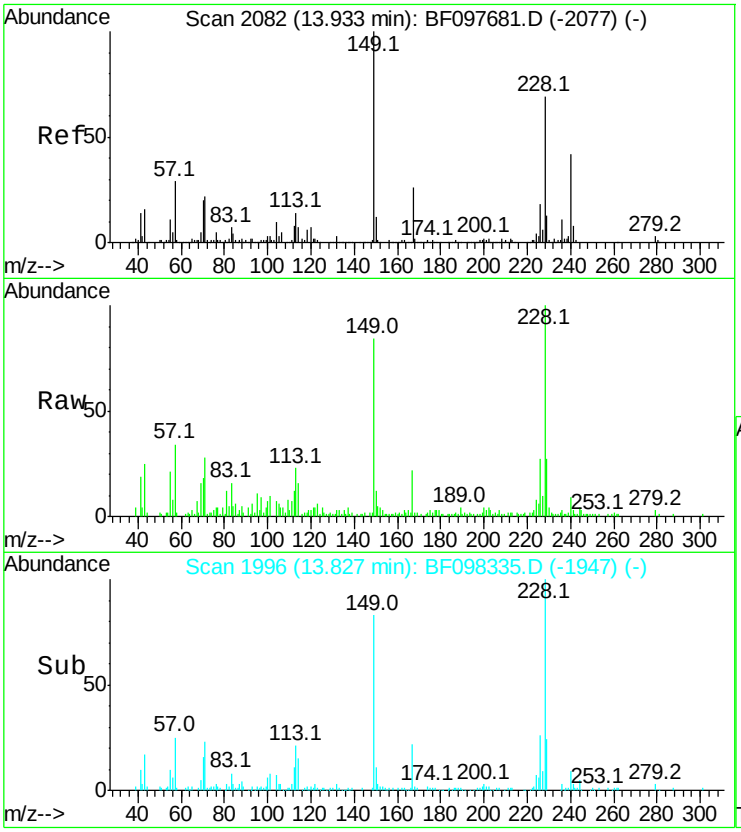


#82
Chrysene
Concen: 6.540 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:228 Resp: 91600

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	22.9	15.8	23.6



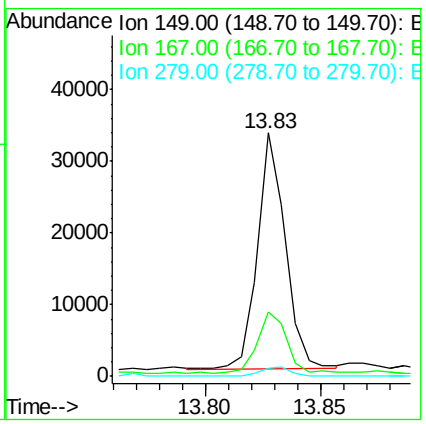


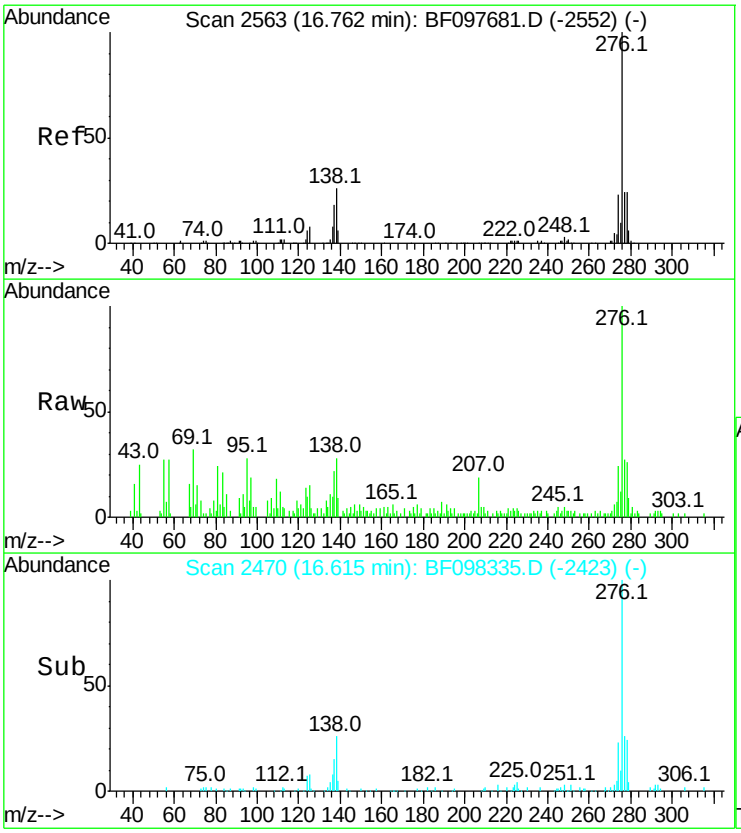
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.404 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:149 Resp: 27791

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.5	1.9	2.9#

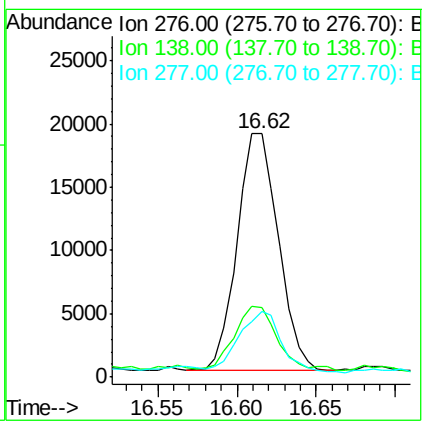


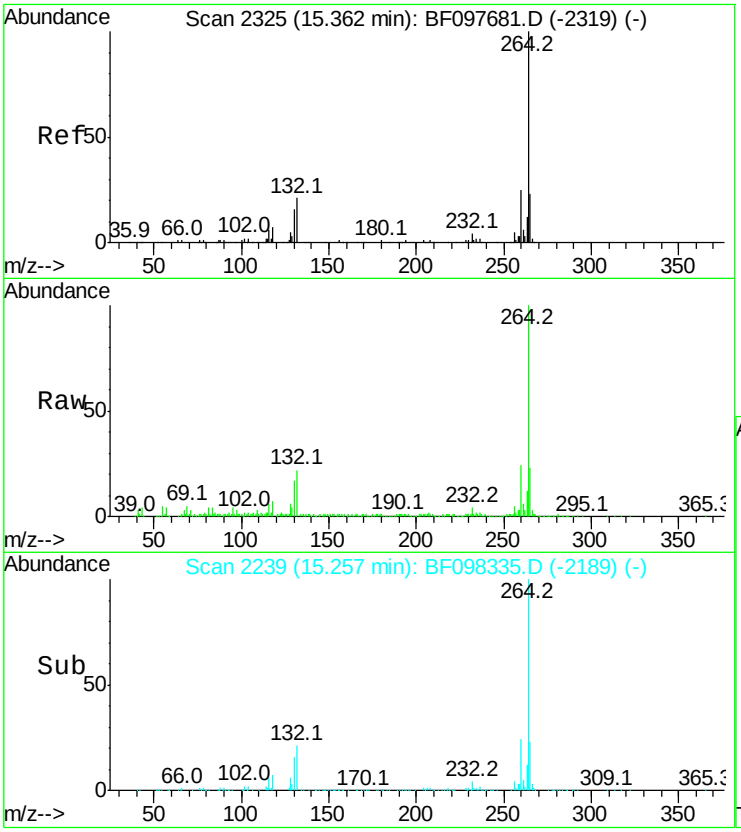


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.265 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:276 Resp: 33639

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	26.7	20.2	30.4



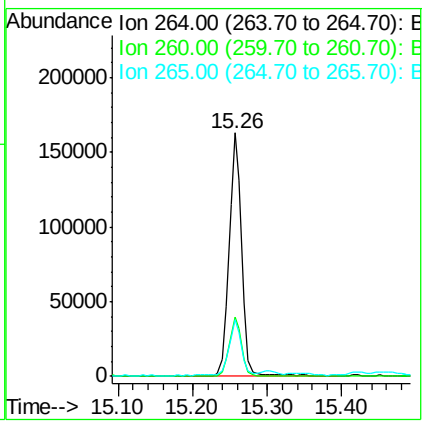


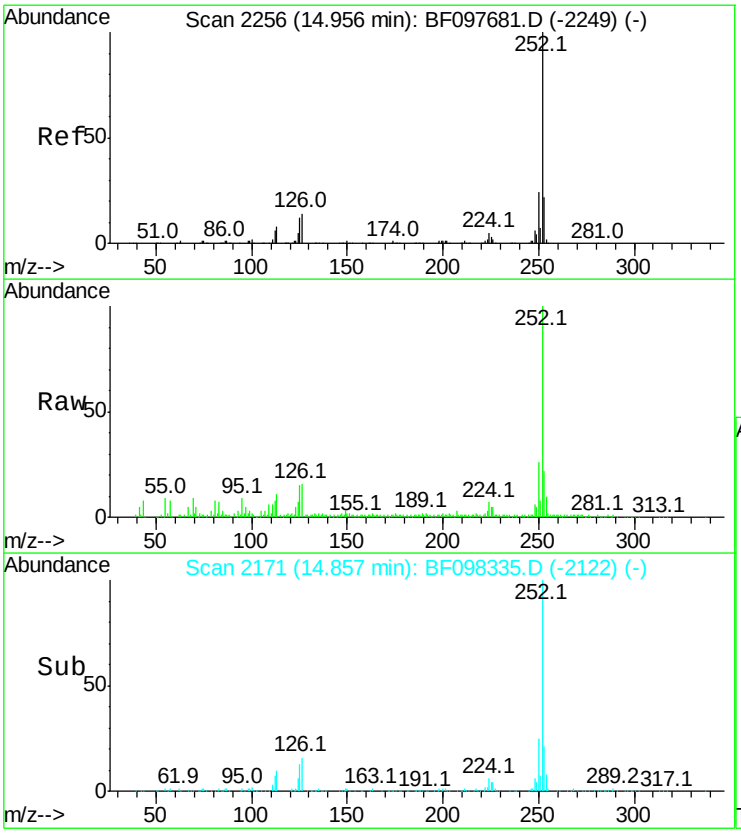
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:264 Resp: 193659

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.2	17.2	25.8

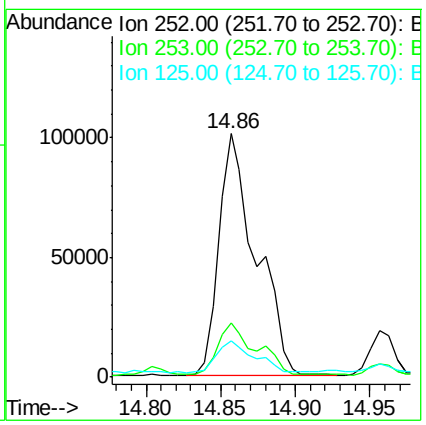


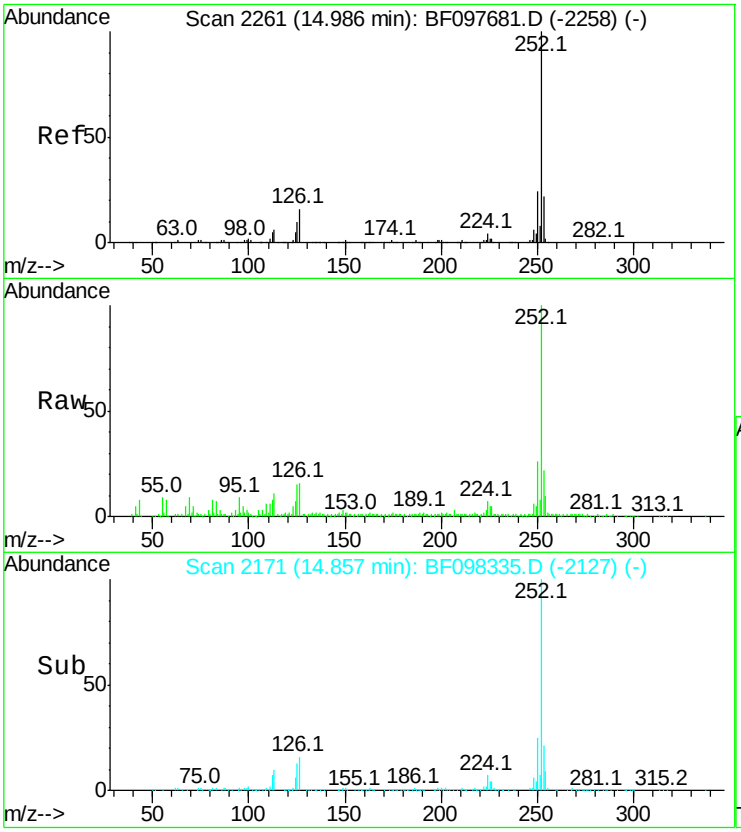


#87
Benzo(b)fluoranthene
Concen: 14.497 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:252 Resp: 176966

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.8	9.8	14.8#



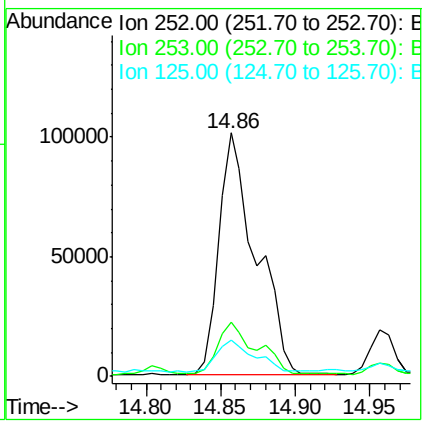


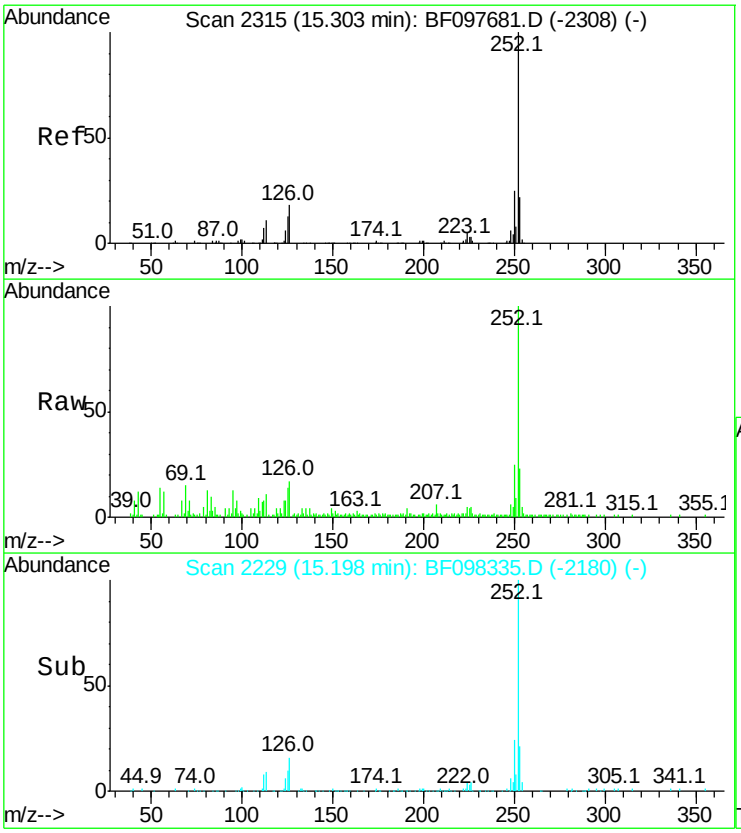
#88
Benzo(k)fluoranthene
Concen: 15.431 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:252 Resp: 176966

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	14.8	13.1	19.7

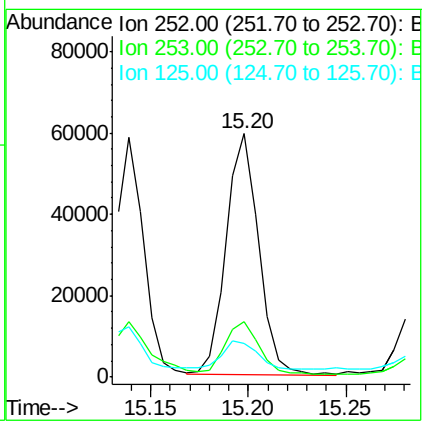


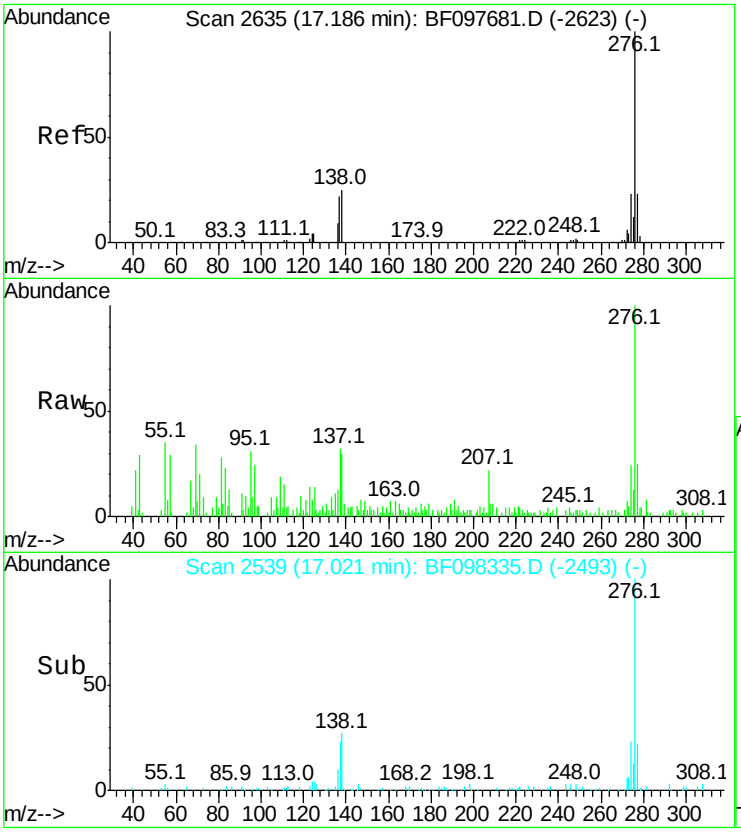


#89
Benzo(a)pyrene
Concen: 6.355 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion:252 Resp: 68675

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	14.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.560 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tgt Ion:276 Resp: 32679

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	29.7	25.4	38.0