Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098350.D
Acq On : 8 Sep 2017 15:06
Operator : SJ/JU
Sample : I5110-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Time: Sep 08 15:50:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 15:02:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101105	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	400721	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	185336	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	330454	20.00	ng		0.00
75) Chrysene-d12	13.83	240	195488	20.00	ng		0.00
86) Perylene-d12	15.24	264	190788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	846679	127.38	ng		0.02
7) Phenol-d6	6.33	99	1146623	126.96	ng		0.00
23) Nitrobenzene-d5	7.25	82	709139	96.14	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	226030	140.56	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1026285	81.36	ng		0.00
78) Terphenyl-d14	12.79	244	736615	78.58	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	45172	4.277	ng		86
19) n-Nitroso-di-n-propylamine	7.25	70	92162	14.907	ng	#	69
25) Isophorone	7.25	82	709134	46.233	ng	#	67
32) Benzoic acid	7.76	122	447	6.488	ng	#	28
49) Dimethylphthalate	9.44	163	115760	8.545	ng		98
64) 4,6-Dinitro-2-methylphenol	10.43	198	111	8.380	ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	14541	4.237	ng	#	1
70) Phenanthrene	11.22	178	143919	8.173	ng		99
74) Fluoranthene	12.41	202	199775	10.869	ng		99
77) Pyrene	12.63	202	167149	10.454	ng		97
80) Benzo(a)anthracene	13.82	228	69388	5.922	ng		98
82) Chrysene	13.86	228	62844	5.392	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	38809	4.526	ng		93
87) Benzo(b)fluoranthene	14.84	252	110315	9.173	ng		98
88) Benzo(k)fluoranthene	14.84	252	110315	9.764	ng		96
89) Benzo(a)pyrene	15.18	252	58535	5.498	ng		98
91) Benzo(g,h,i)perylene	16.99	276	39161	4.330	ng		97

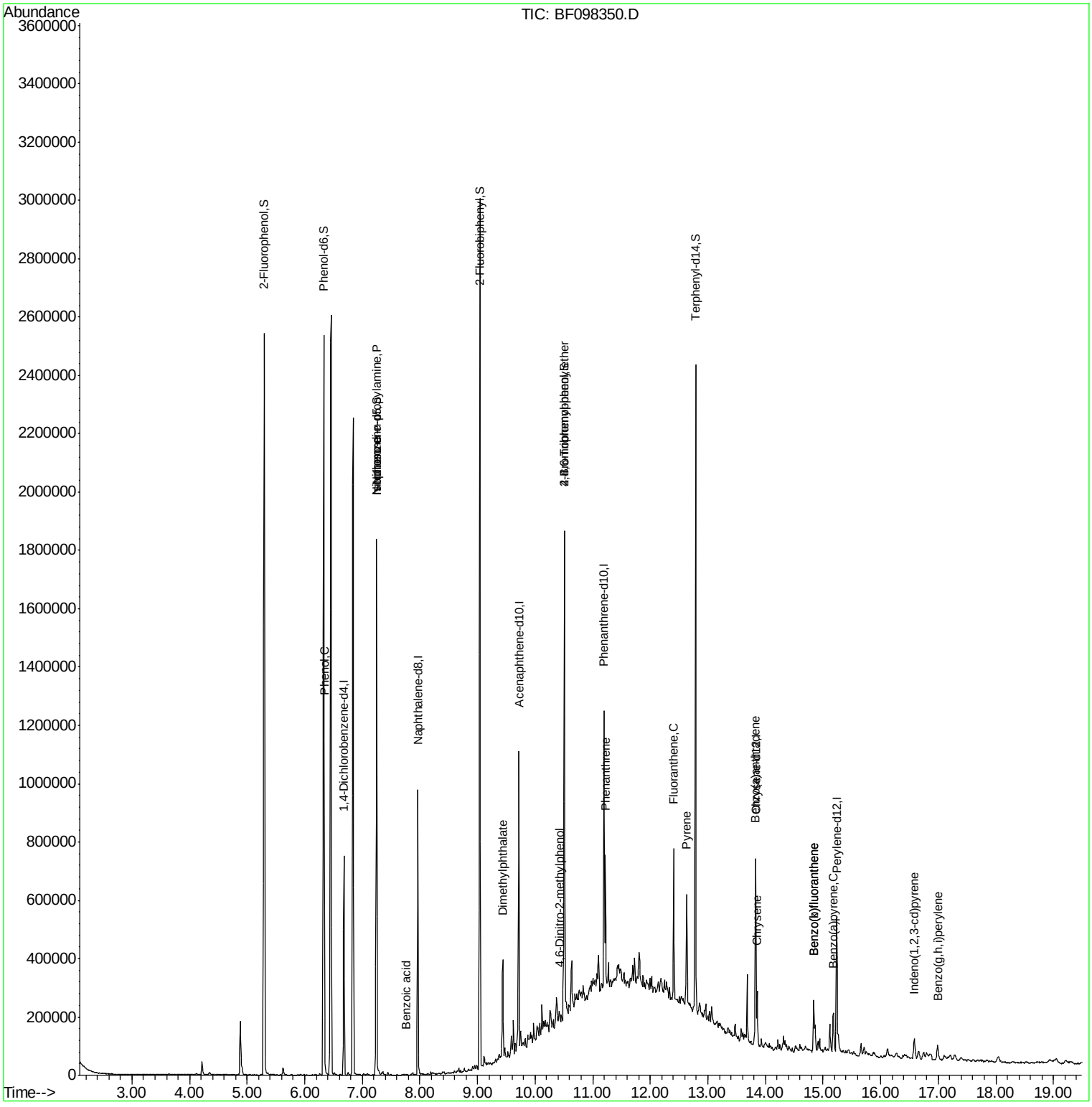
(#) = qualifier out of range (m) = manual integration (+) = signals summed

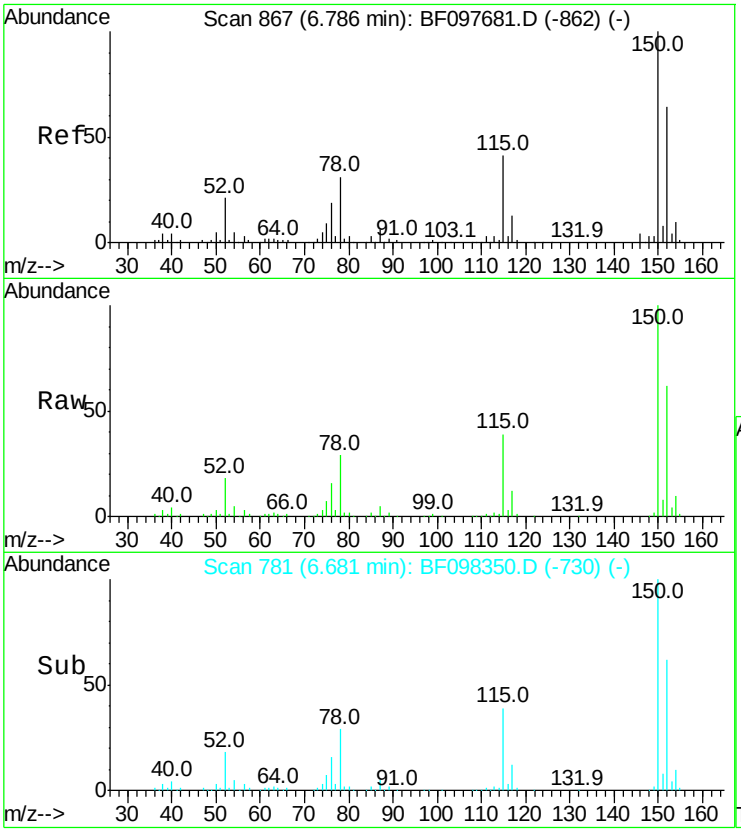
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098350.D
Acq On : 8 Sep 2017 15:06
Operator : SJ/JU
Sample : I5110-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Time: Sep 08 15:50:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 15:02:28 2017
Response via : Initial Calibration



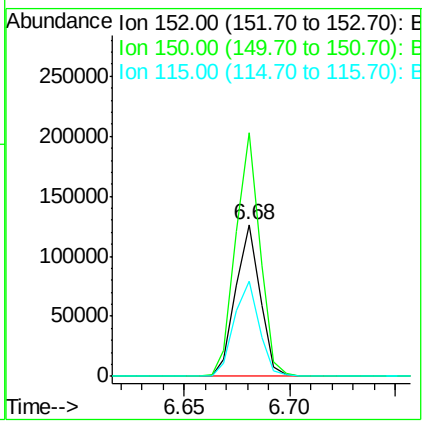


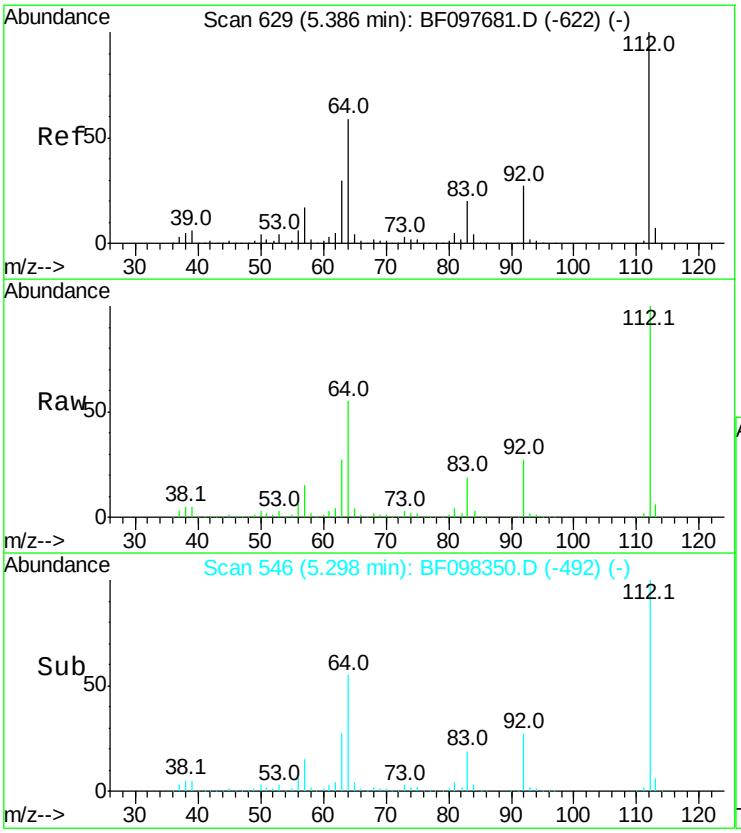
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 101105

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	63.0	52.2	78.2

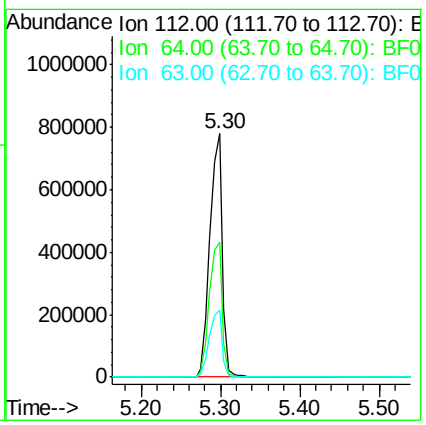


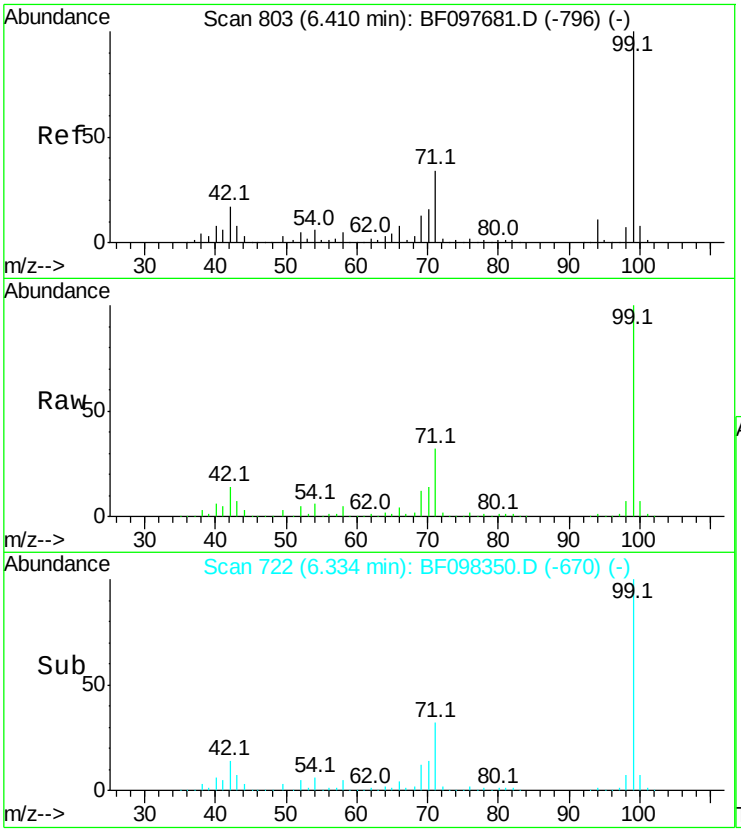


#5
2-Fluorophenol
Concen: 127.379 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:112 Resp: 846679

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.4	23.4	35.0



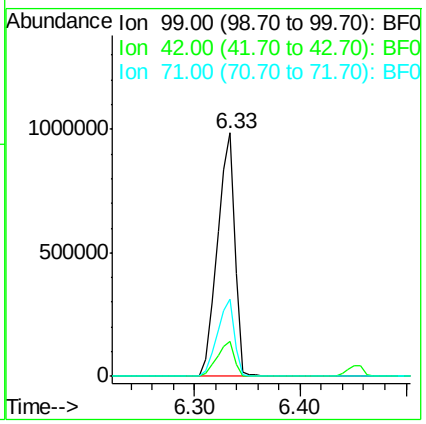


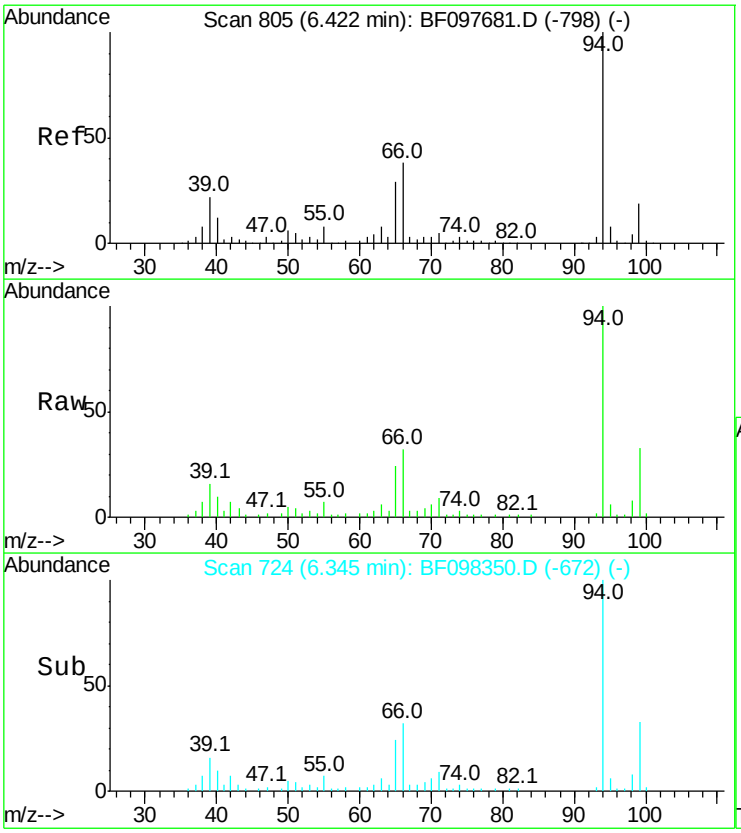
#7
Phenol-d6
Concen: 126.961 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 99 Resp: 1146623

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	31.8	24.5	36.7

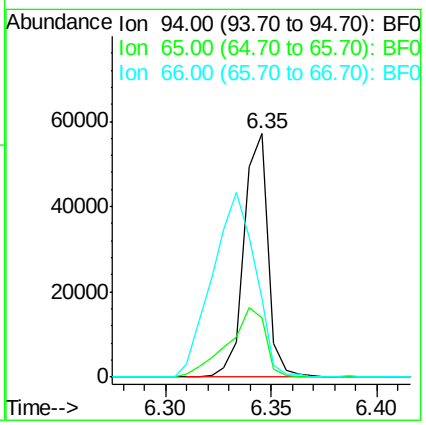


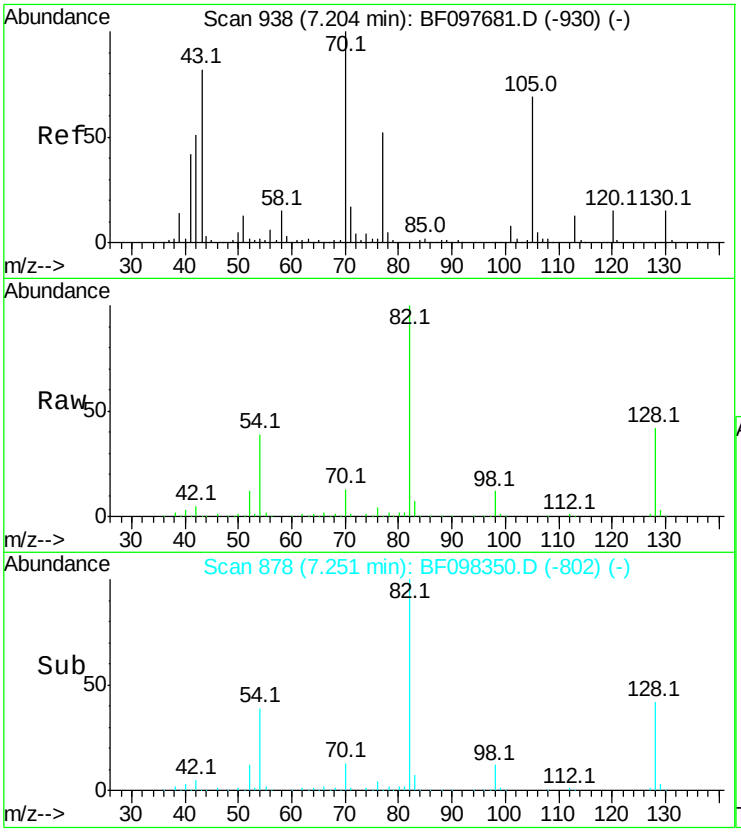


#10
Phenol
Concen: 4.277 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion: 94 Resp: 45172

Ion	Ratio	Lower	Upper
94	100		
65	24.4	9.9	49.9
66	32.3	23.1	63.1



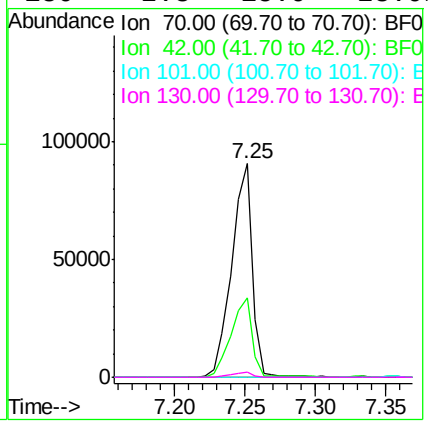


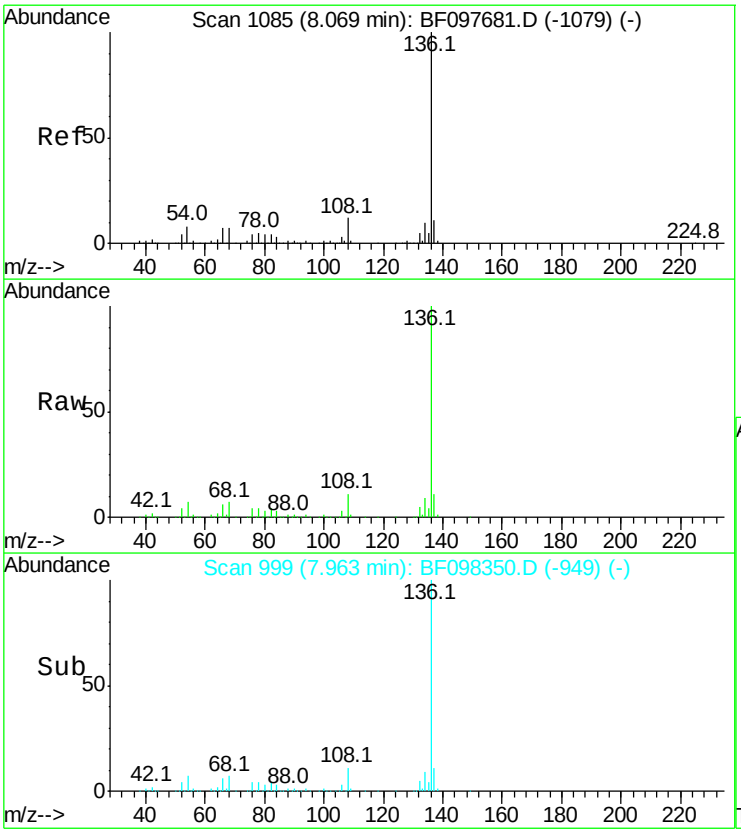
#19
n-Nitroso-di-n-propylamine
Concen: 14.907 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.15 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 70 Resp: 92162

Ion	Ratio	Lower	Upper
70	100		
42	37.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

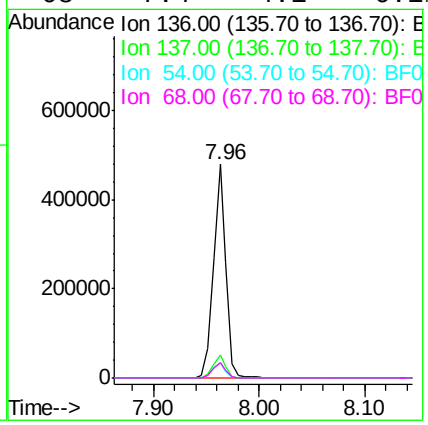


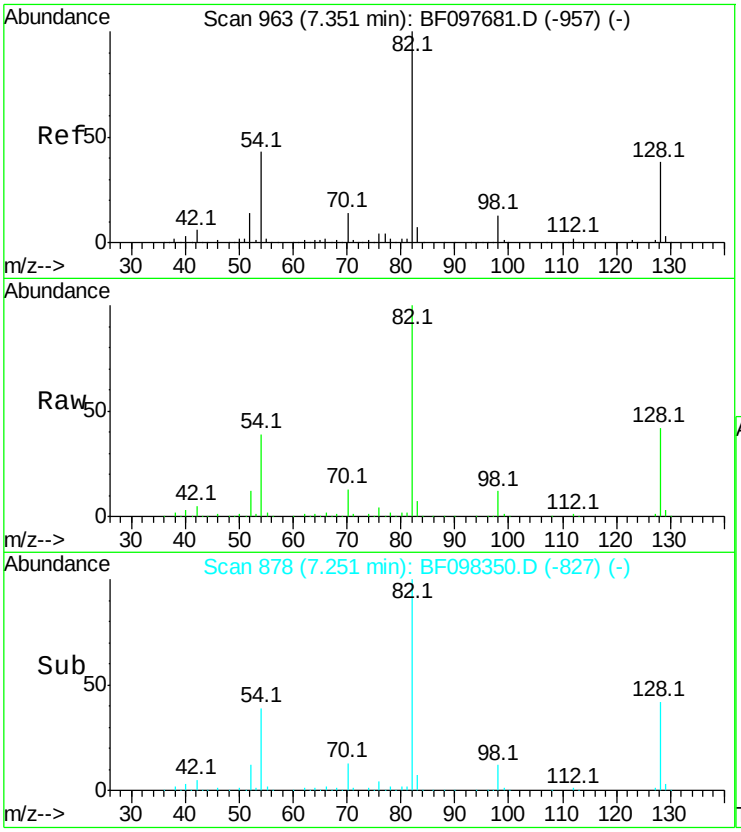


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:136 Resp: 400721

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3#
68	7.4	4.1	6.1#



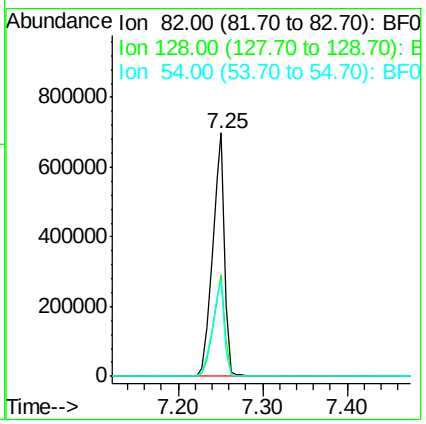


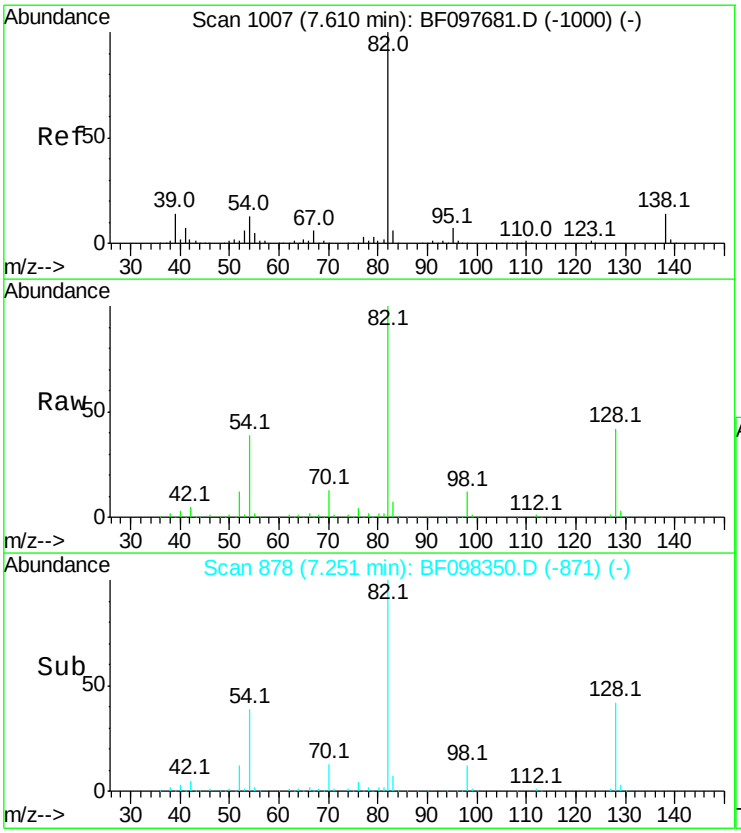
#23
Nitrobenzene-d5
Concen: 96.136 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 82 Resp: 709139

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	39.2	42.2	63.2#

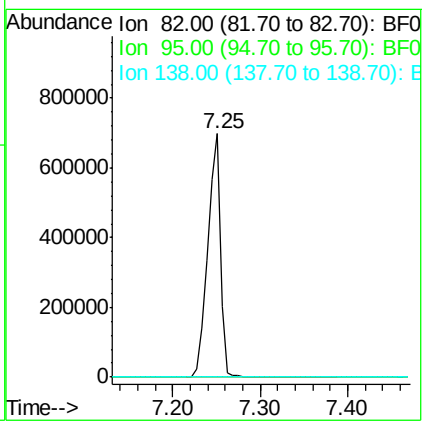


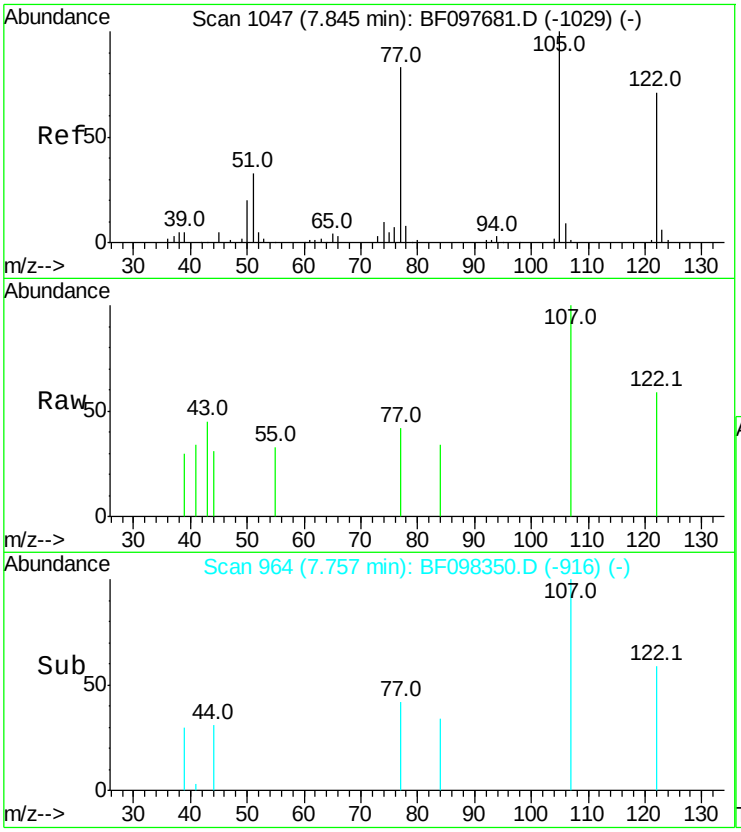


#25
Isophorone
Concen: 46.233 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion: 82 Resp: 709134

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



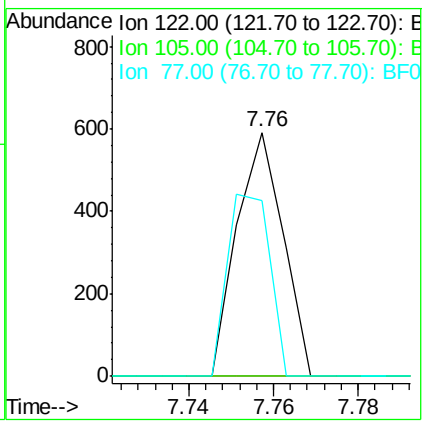


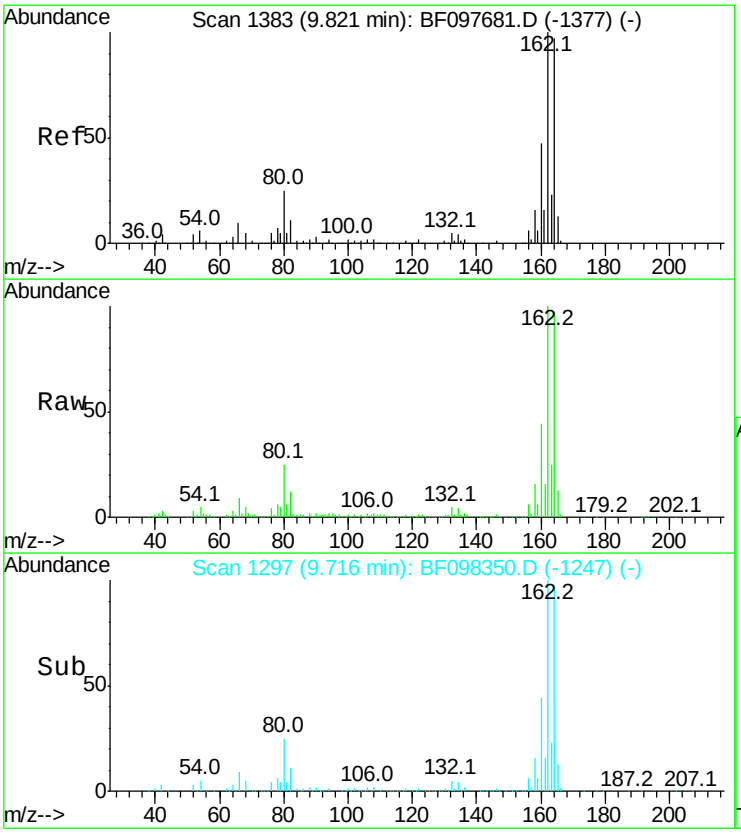
#32
Benzoic acid
Concen: 6.488 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:122 Resp: 447

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	72.1	73.7	113.7#

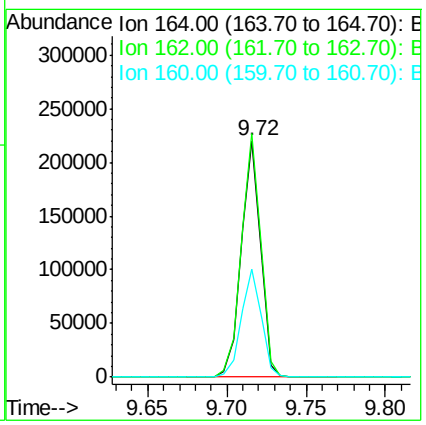


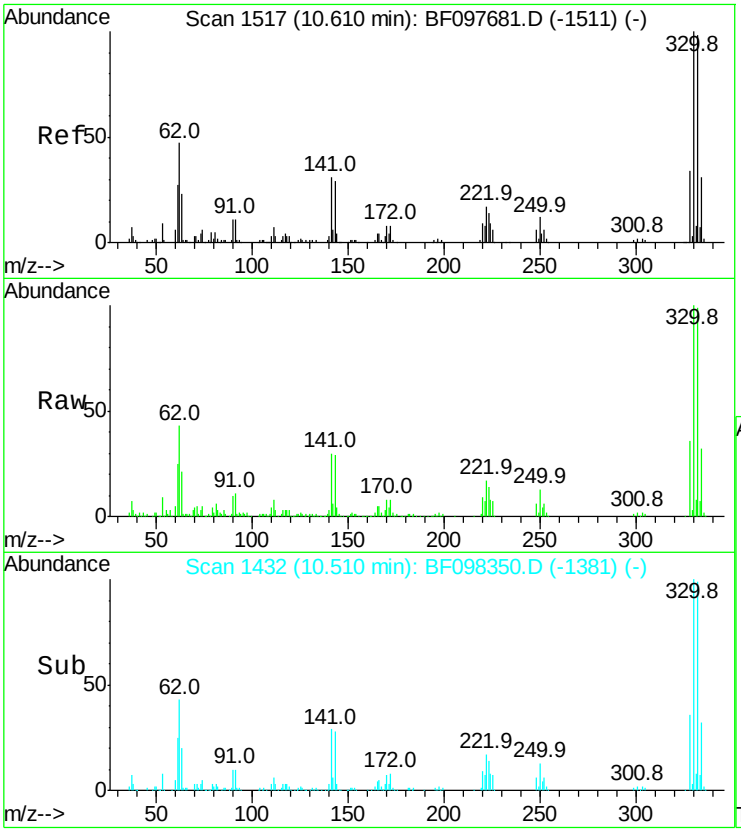


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:164 Resp: 185336

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.6	36.2	54.2



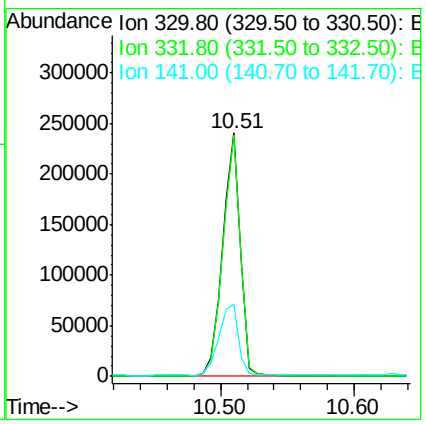


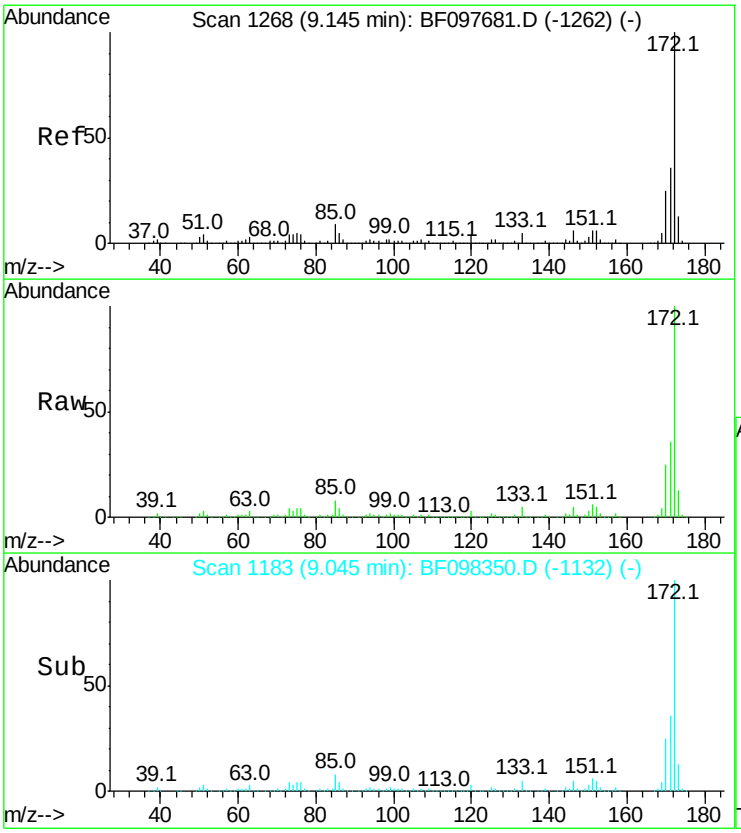
#41
2,4,6-Tribromophenol
Concen: 140.558 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:330 Resp: 226030

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	32.2	31.4	47.2

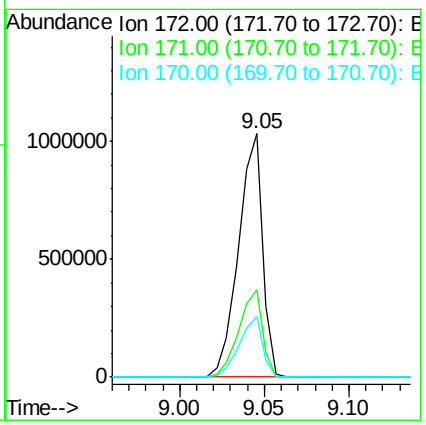


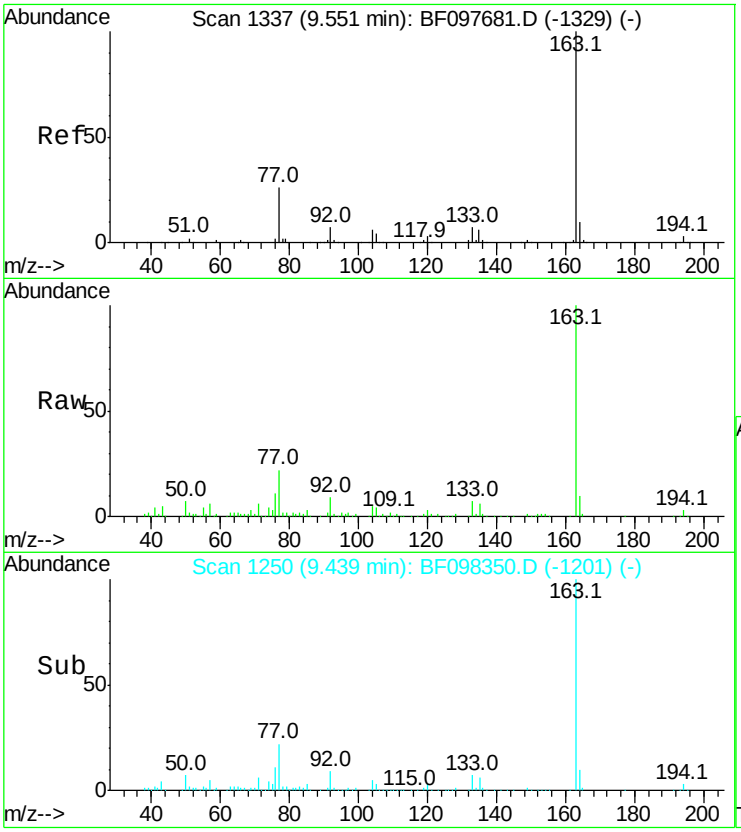


#44
2-Fluorobiphenyl
Concen: 81.356 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:172 Resp: 1026285

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	19.8	29.8



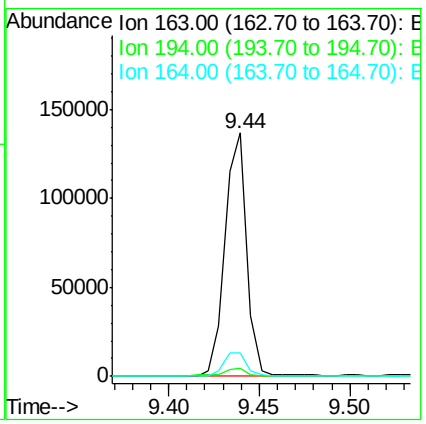


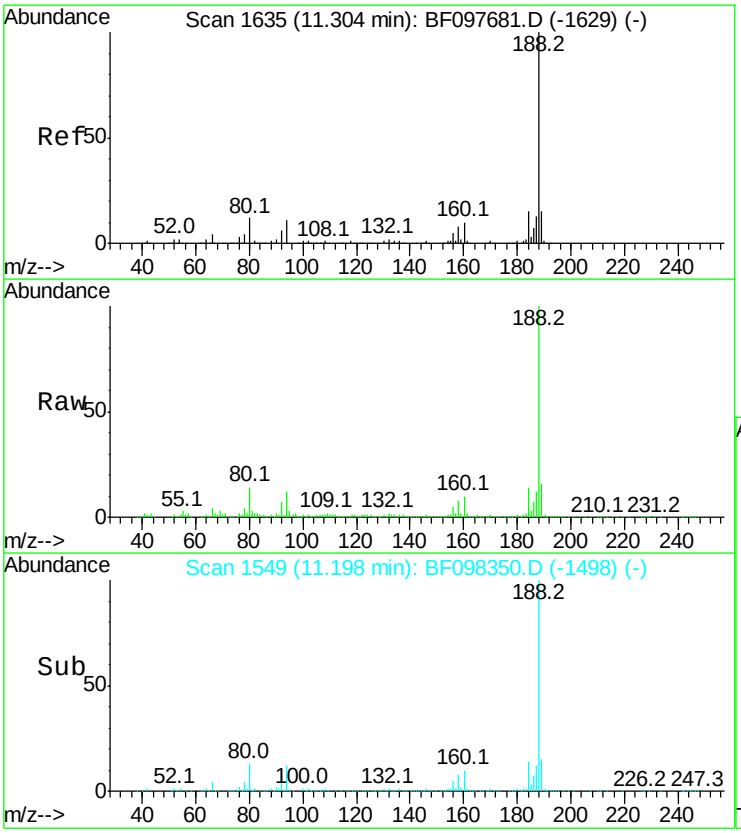
#49
Dimethylphthalate
Concen: 8.545 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:163 Resp: 115760

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6

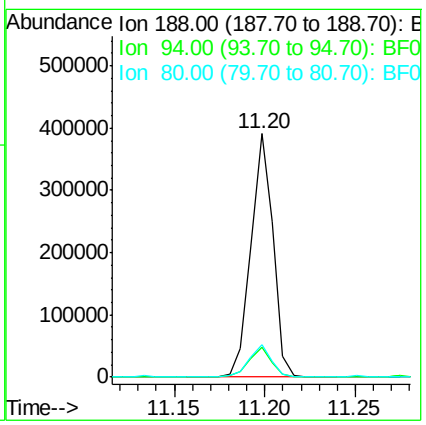


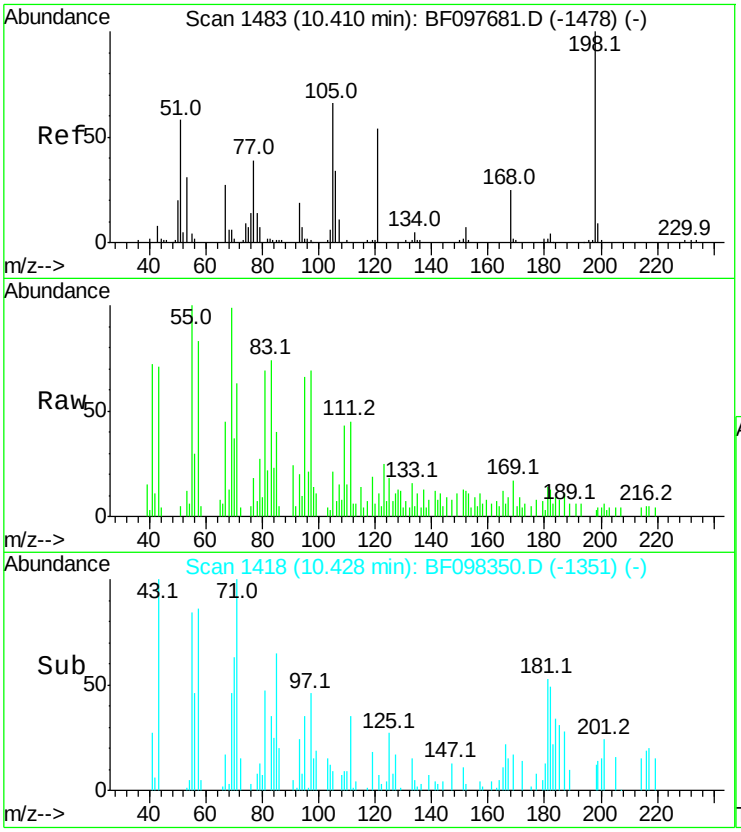


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:188 Resp: 330454

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	13.5	10.2	15.2



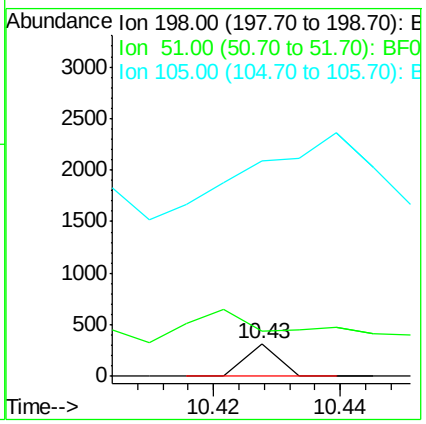


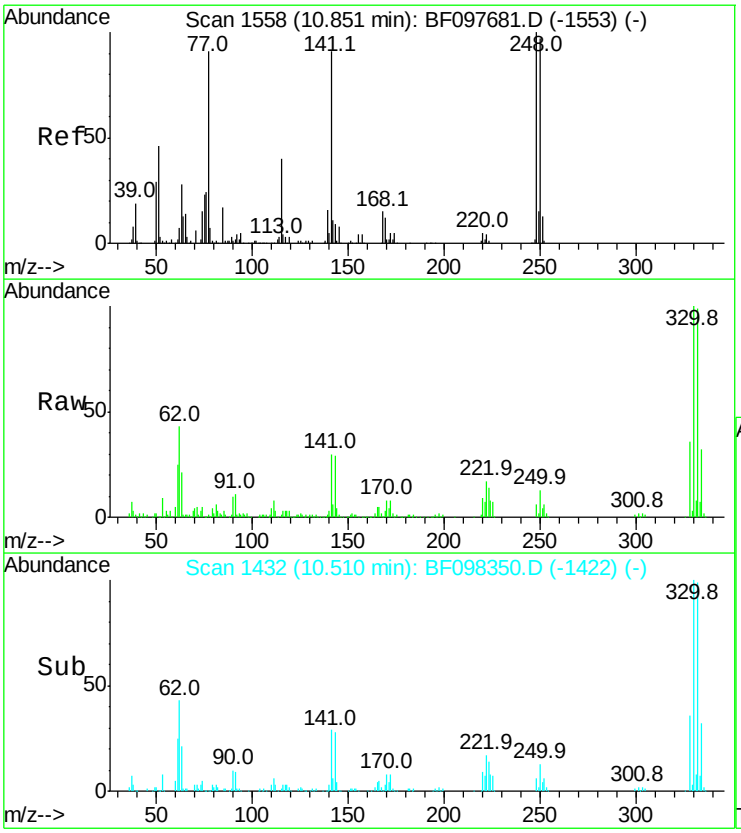
#64
4,6-Dinitro-2-methylphenol
Concen: 8.380 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.09 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:198 Resp: 111

Ion	Ratio	Lower	Upper
198	100		
51	141.1	53.2	93.2#
105	663.4	45.8	85.8#

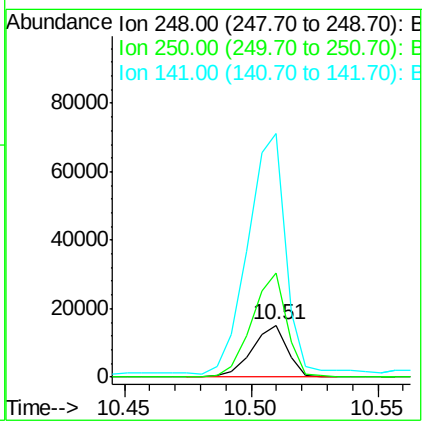


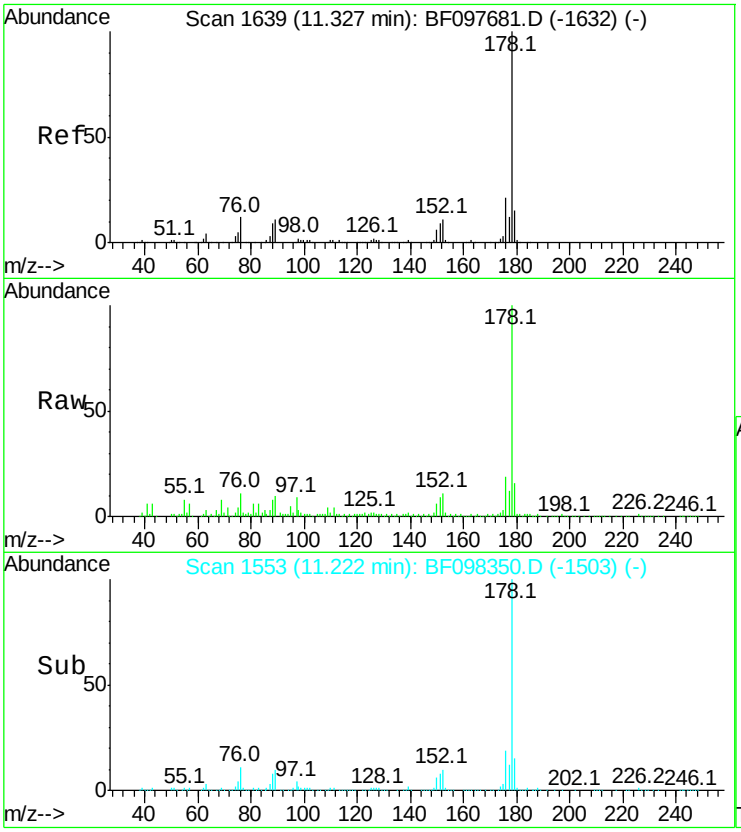


#66
4-Bromophenyl-phenylether
Concen: 4.237 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:248 Resp: 14541

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.8	115.2#
141	470.3	68.6	103.0#



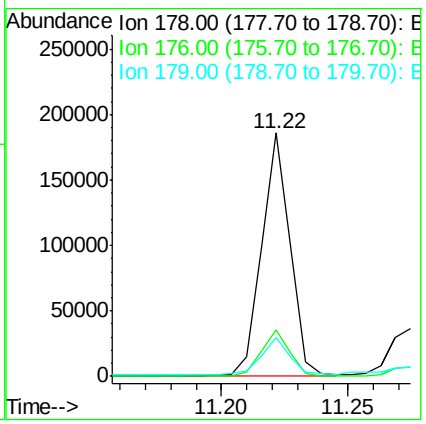


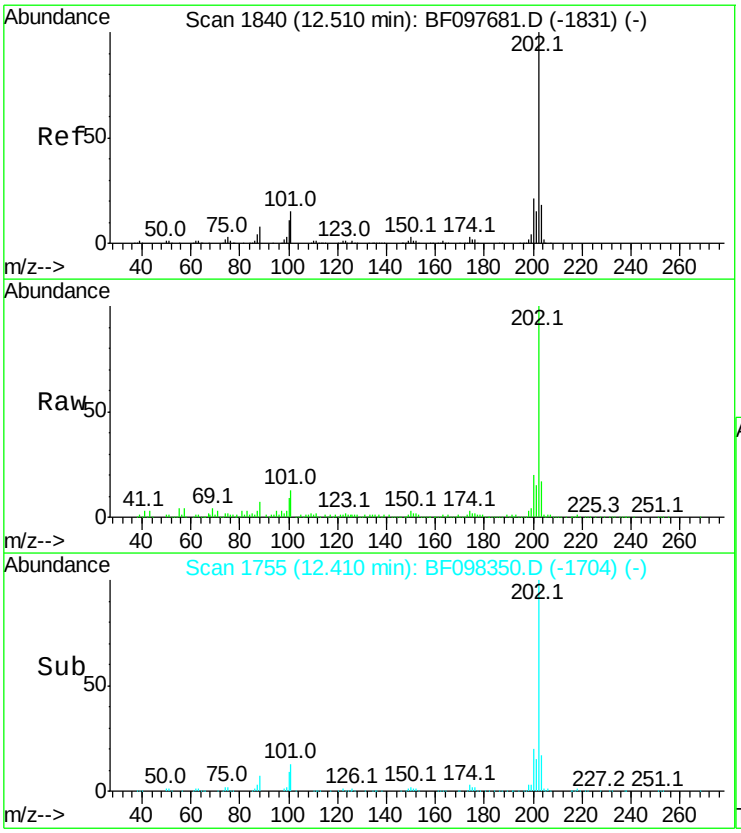
#70
Phenanthrene
Concen: 8.173 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:178 Resp: 143919

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.7	12.6	19.0

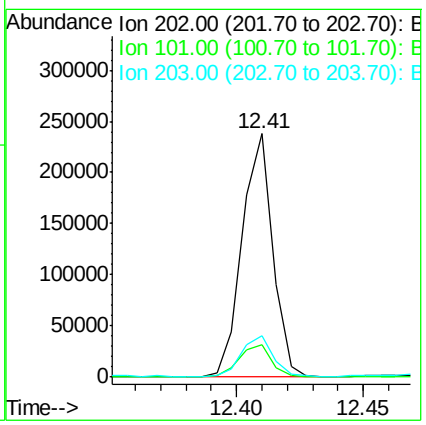


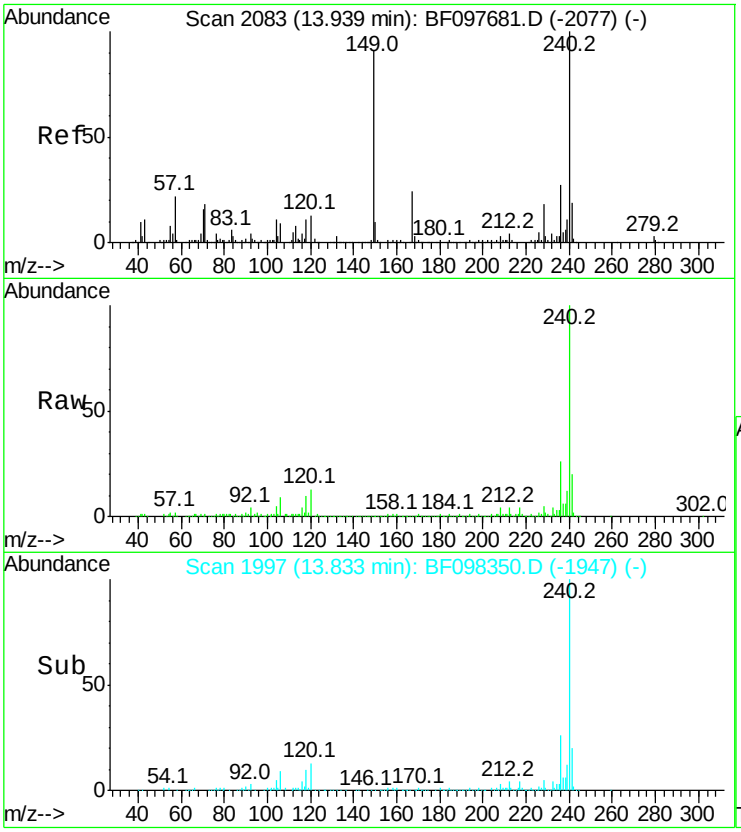


#74
Fluoranthene
Concen: 10.869 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:202 Resp: 199775

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.1	0.0	38.1



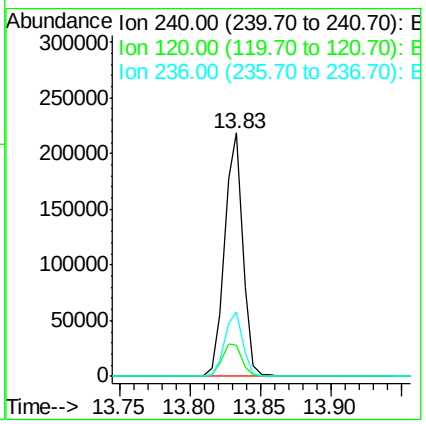


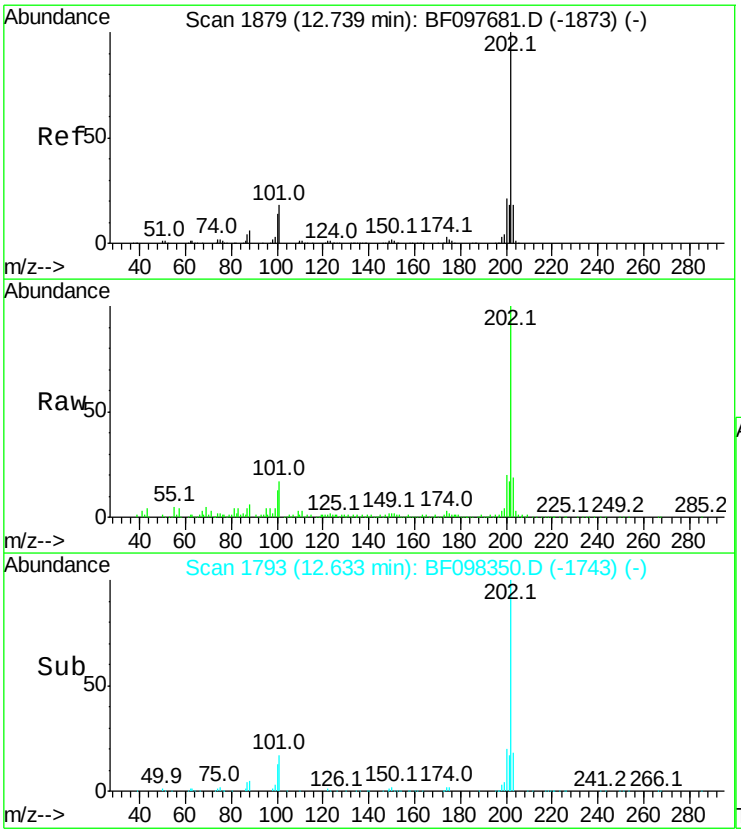
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:240 Resp: 195488

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.4	20.5	30.7

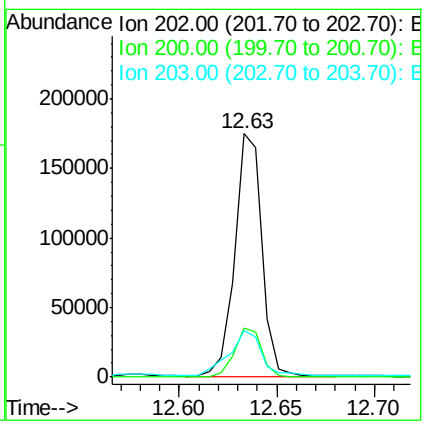


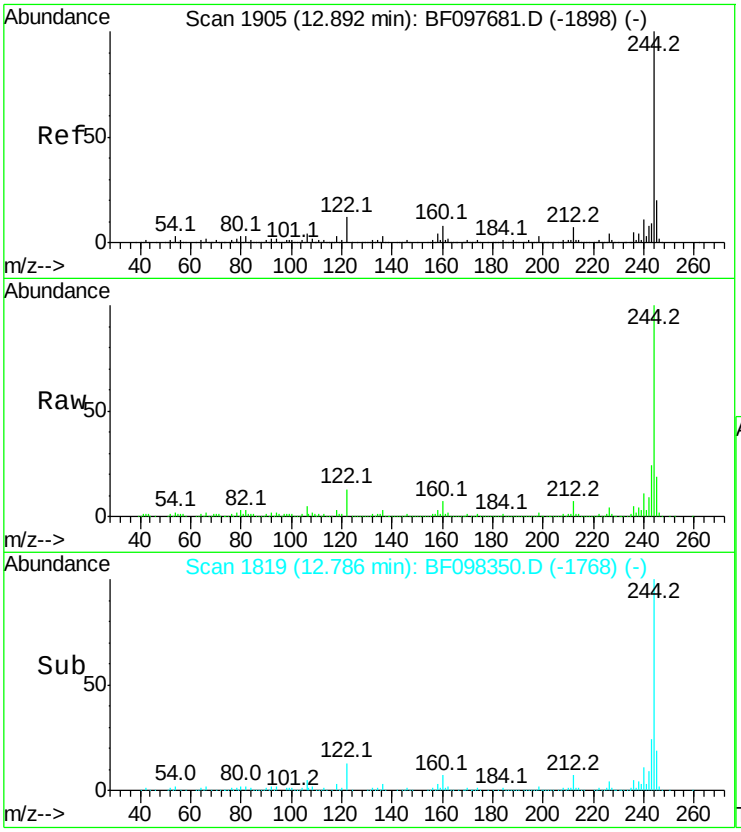


#77
Pyrene
Concen: 10.454 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:202 Resp: 167149

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	18.9	14.4	21.6



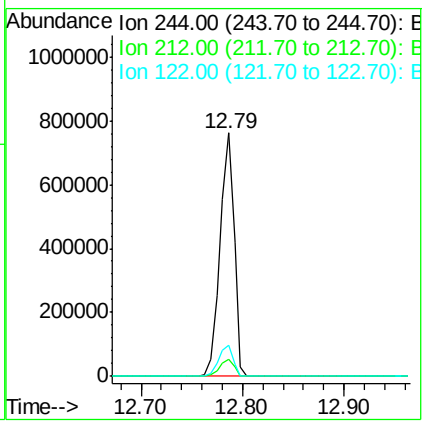


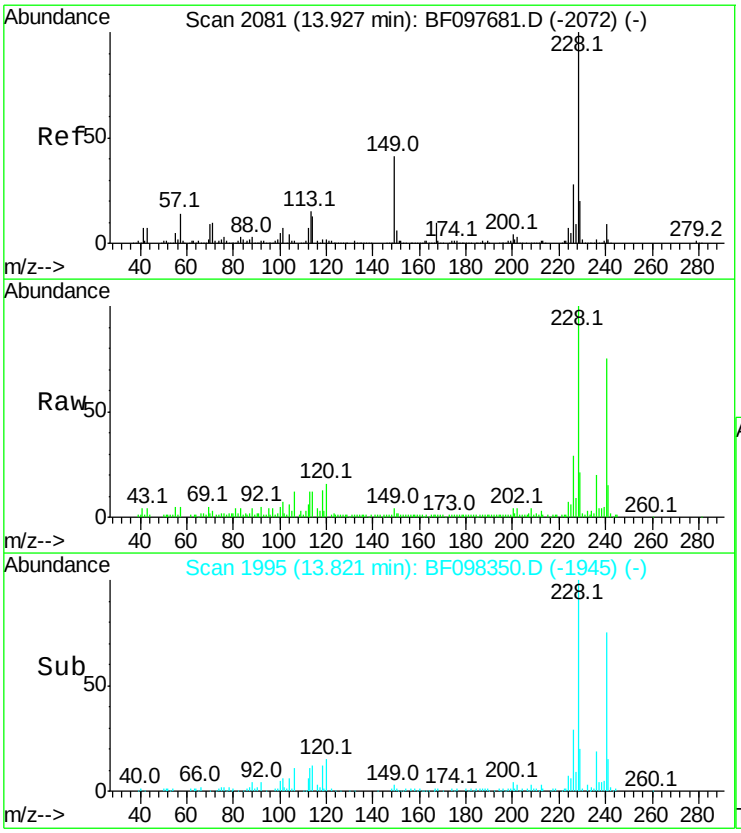
#78
Terphenyl-d14
Concen: 78.577 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:244 Resp: 736615

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.7	10.3	15.5

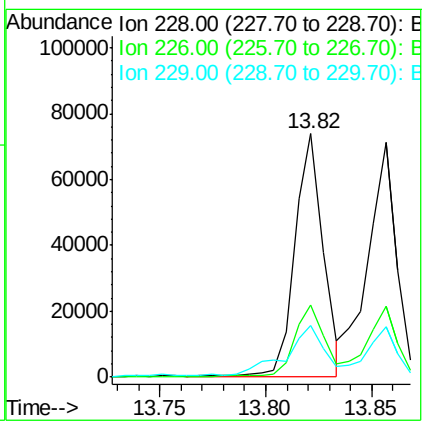


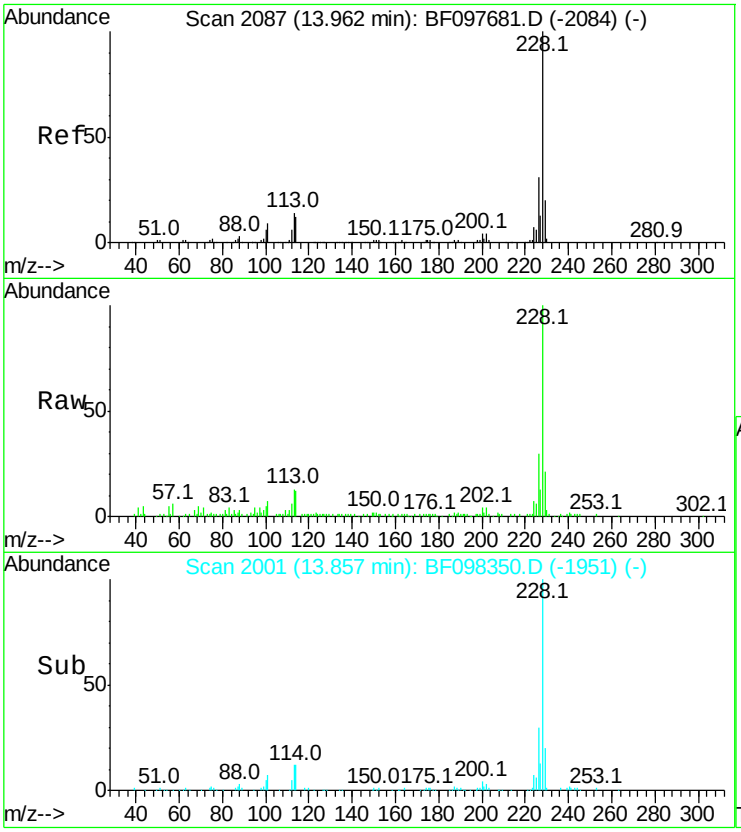


#80
Benzo(a)anthracene
Concen: 5.922 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:228 Resp: 69388

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.0	16.3	24.5



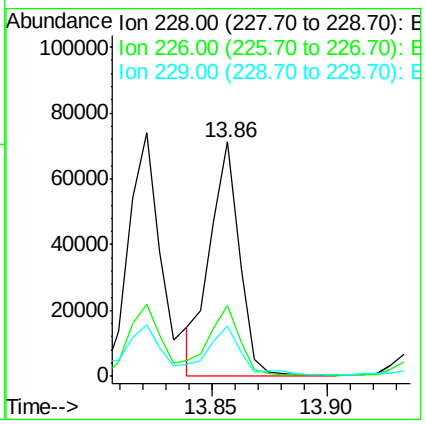


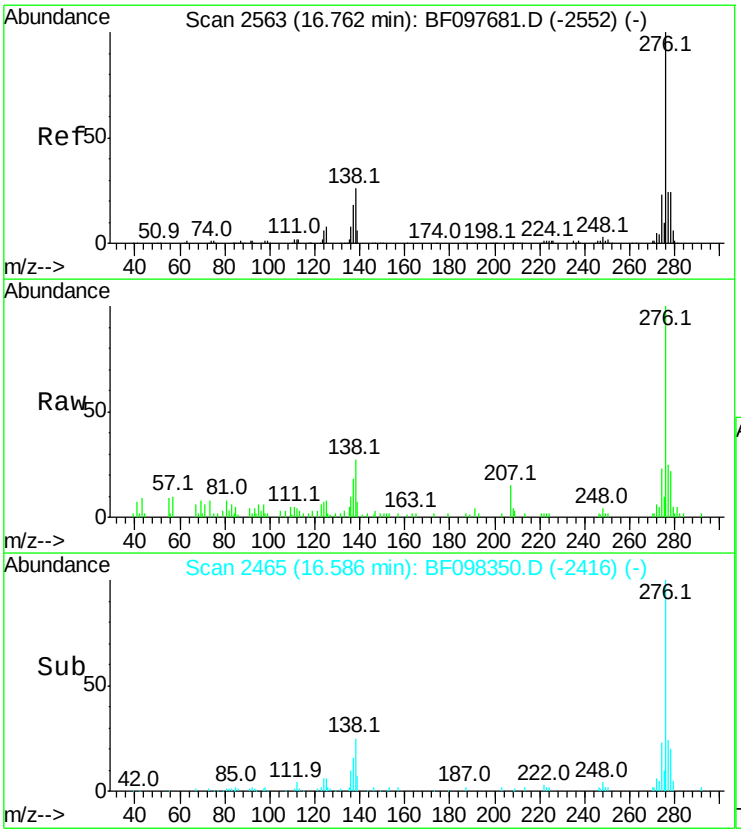
#82
Chrysene
Concen: 5.392 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:228 Resp: 62844

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.3	15.8	23.6

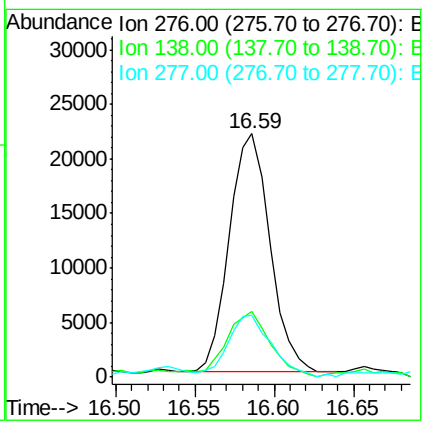


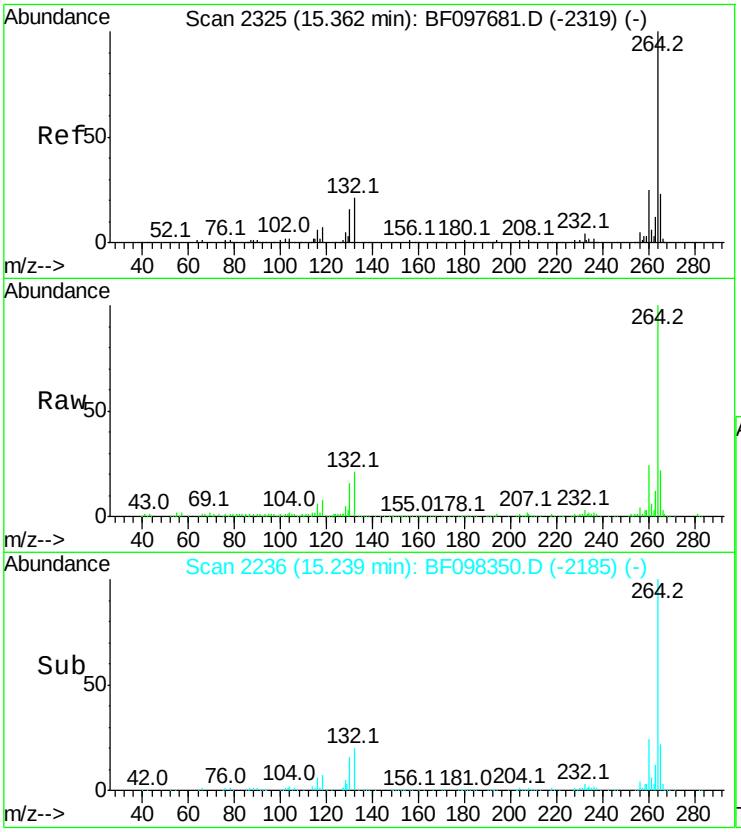


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.526 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:276 Resp: 38809

Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	27.7	20.2	30.4



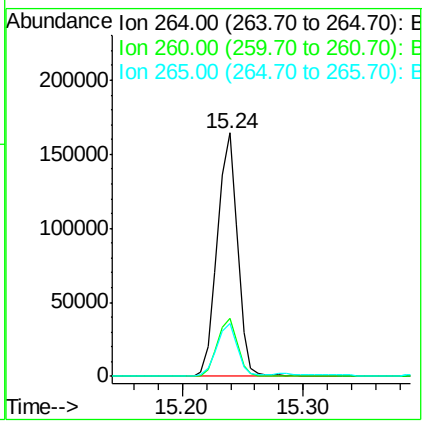


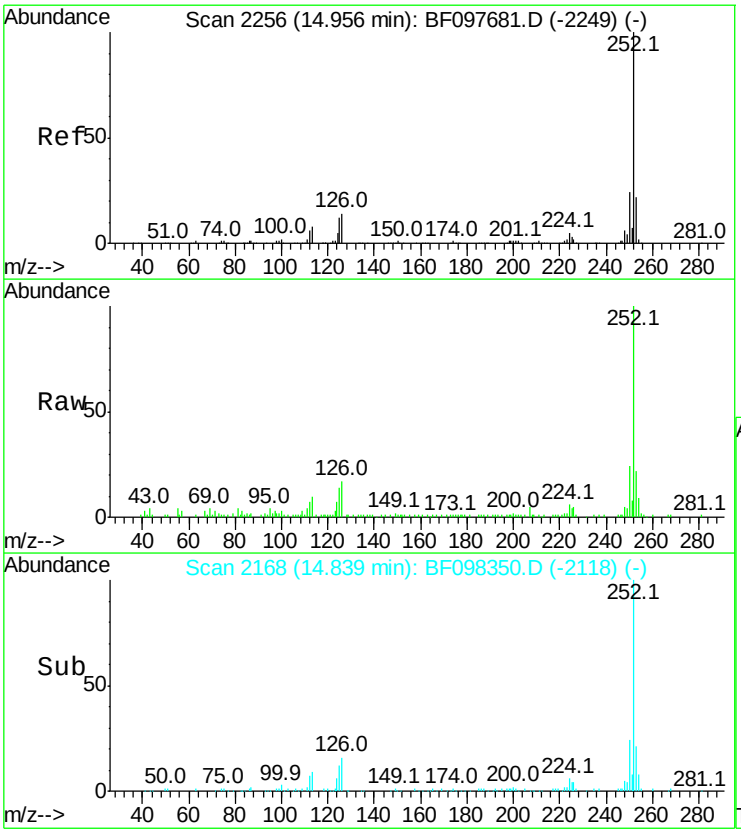
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:264 Resp: 190788

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8

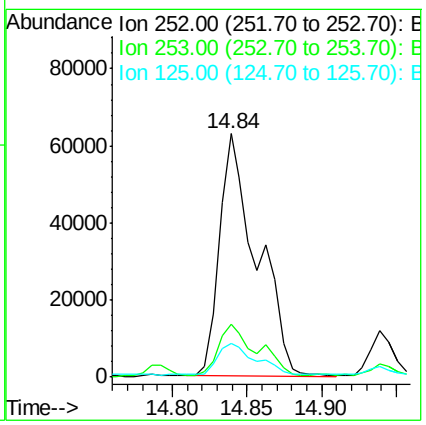


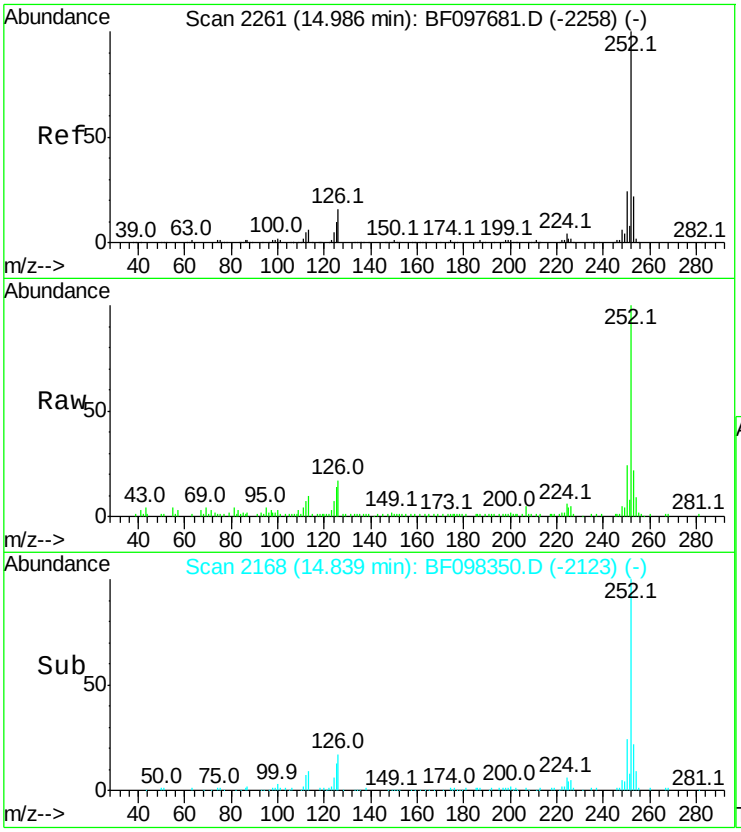


#87
Benzo(b)fluoranthene
Concen: 9.173 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:252 Resp: 110315

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.8	9.8	14.8



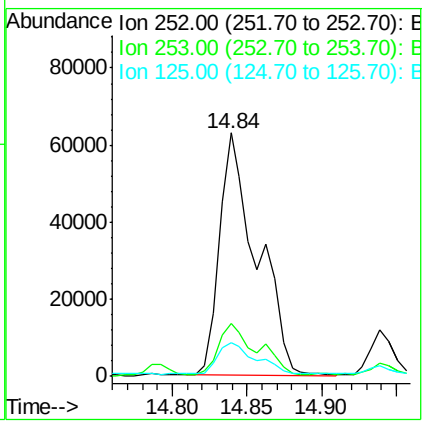


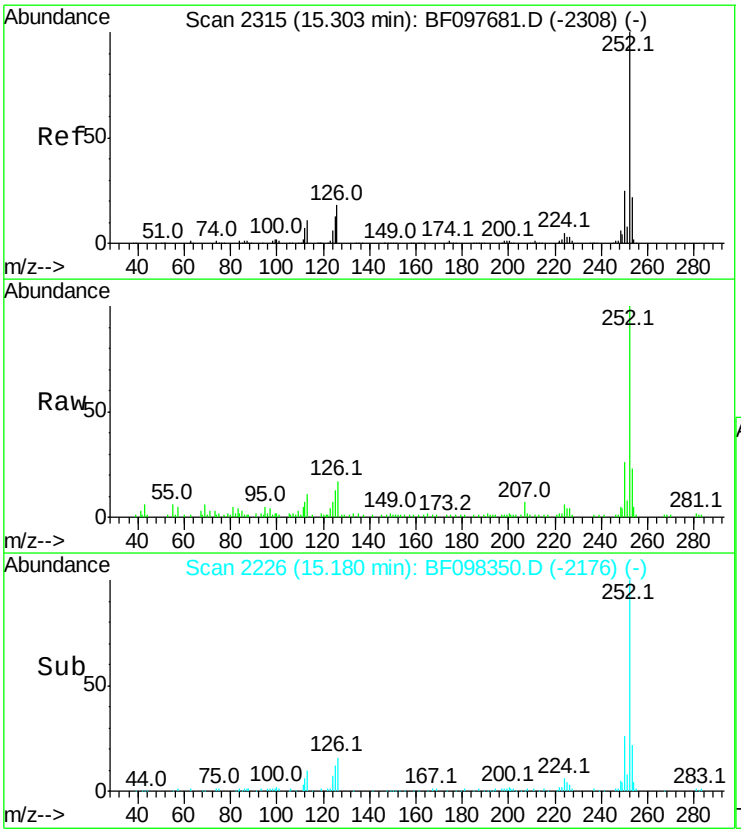
#88
Benzo(k)fluoranthene
Concen: 9.764 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:252 Resp: 110315

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.8	13.1	19.7

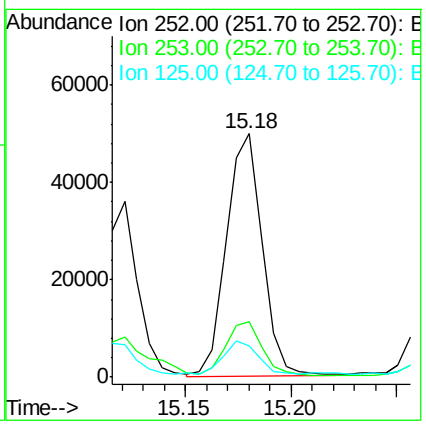


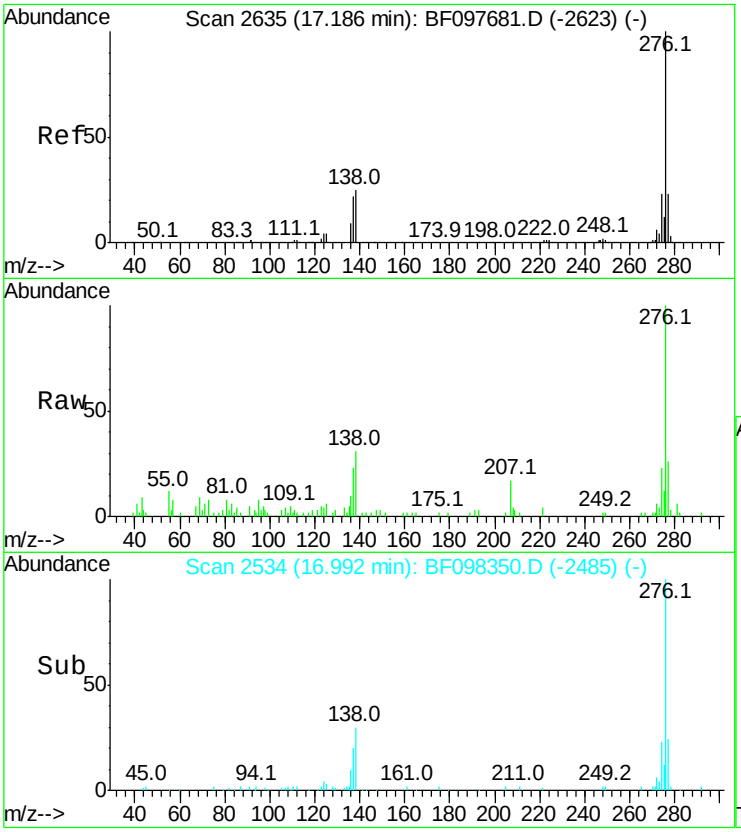


#89
Benzo(a)pyrene
Concen: 5.498 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Tgt Ion:252 Resp: 58535

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.7	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.330 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF098350.D
Acq: 8 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:276 Resp: 39161

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	31.2	25.4	38.0