Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098191.D
Acq On : 31 Aug 2017 8:54
Operator : SJ/JU
Sample : I4987-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 12:37:53 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	103628	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	380089	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	138650	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	238108	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	212972	20.00	ng		-0.02
86) Perylene-d12	15.29	264	150657	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	831987	122.12	ng		-0.01
7) Phenol-d6	6.37	99	1096537	118.46	ng		-0.02
23) Nitrobenzene-d5	7.29	82	613650	87.71	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	134444	111.76	ng		-0.03
44) 2-Fluorobiphenyl	9.09	172	798428	84.61	ng		-0.02
78) Terphenyl-d14	12.83	244	605084	59.25	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.37	94	36601	3.381	ng		88
19) n-Nitroso-di-n-propylamine	7.29	70	81487	12.860	ng	#	69
25) Isophorone	7.29	82	602987	41.447	ng	#	67
49) Dimethylphthalate	9.48	163	142513	14.062	ng		98
56) 2,4-Dinitrotoluene	9.76	165	17655	6.954	ng	#	32
64) 4,6-Dinitro-2-methylphenol	10.55	198	318	8.555	ng	#	8
66) 4-Bromophenyl-phenylether	10.55	248	9230	3.733	ng	#	1
70) Phenanthrene	11.26	178	52041	4.102	ng		99
74) Fluoranthene	12.45	202	146550	11.066	ng		98
77) Pyrene	12.68	202	150928	8.665	ng		98
80) Benzo(a)anthracene	13.86	228	83564	6.547	ng		99
82) Chrysene	13.90	228	65817	5.183	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	27379	2.931	ng	#	87
87) Benzo(b)fluoranthene	14.89	252	97403	10.257	ng		97
88) Benzo(k)fluoranthene	14.89	252	97403	10.917	ng		97
89) Benzo(a)pyrene	15.23	252	55414	6.591	ng		95
91) Benzo(g,h,i)perylene	17.07	276	29246	4.095	ng		94

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

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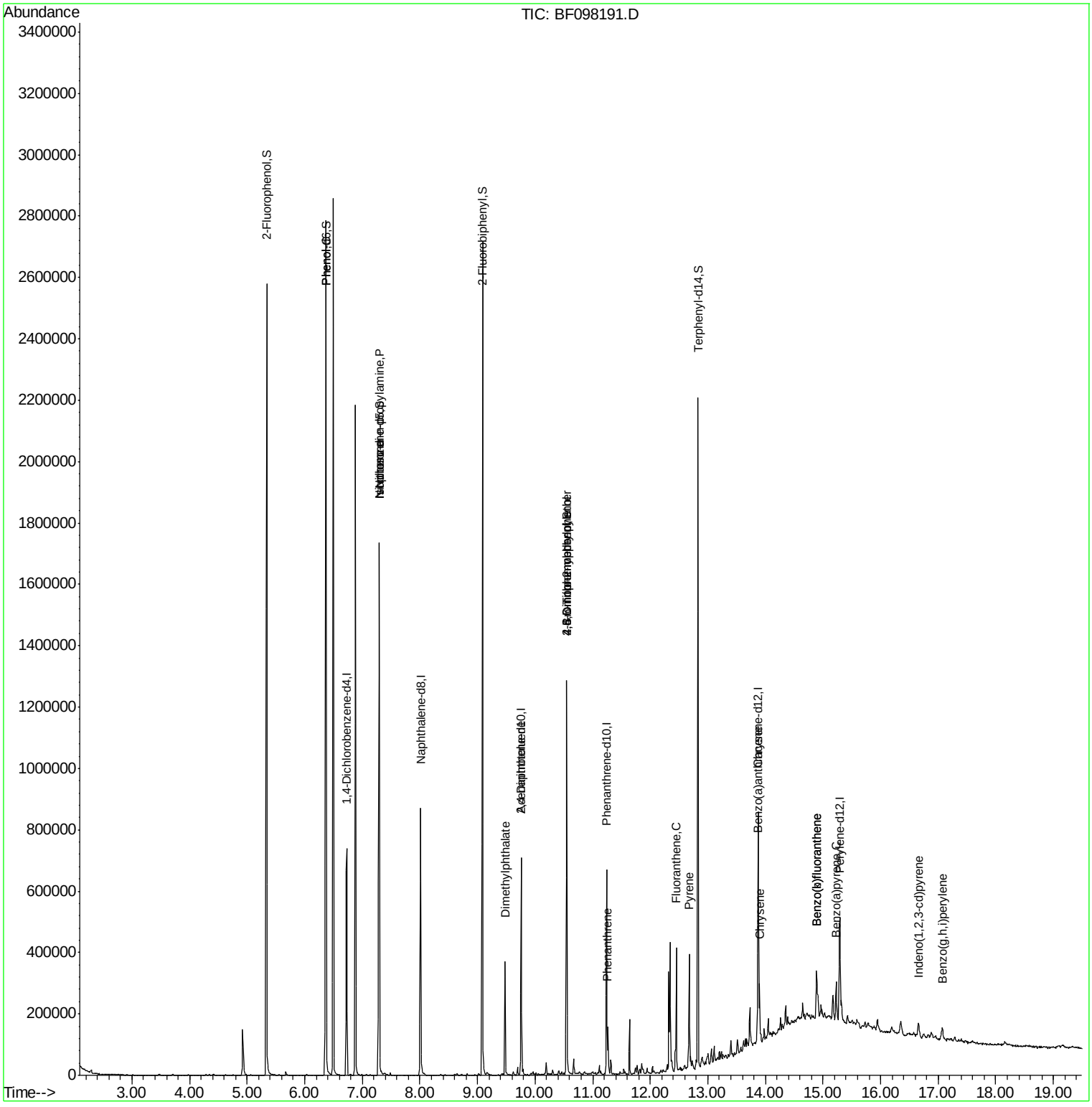
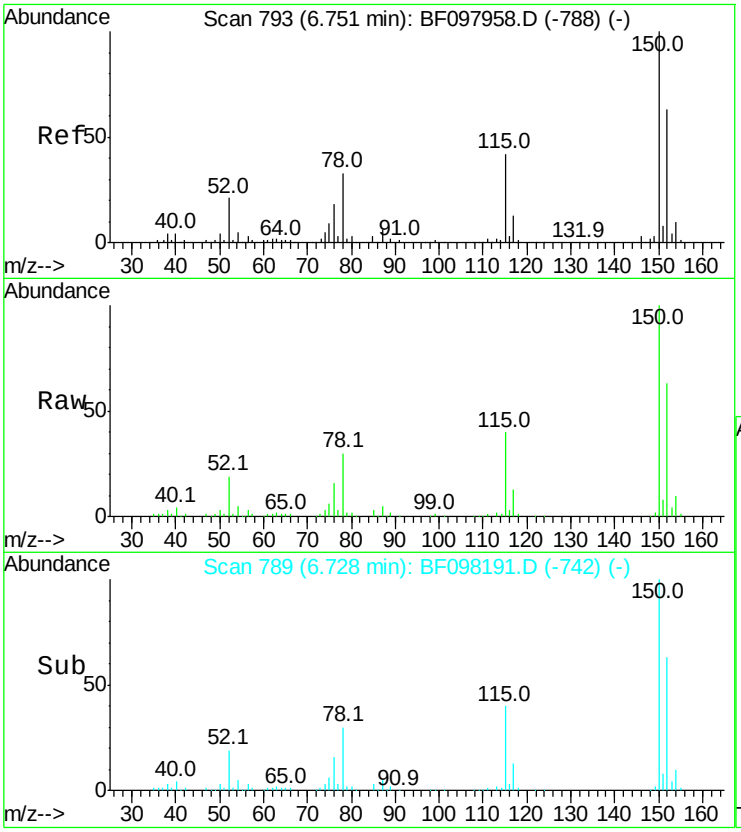


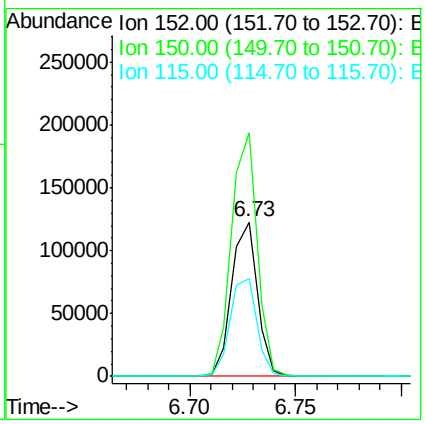


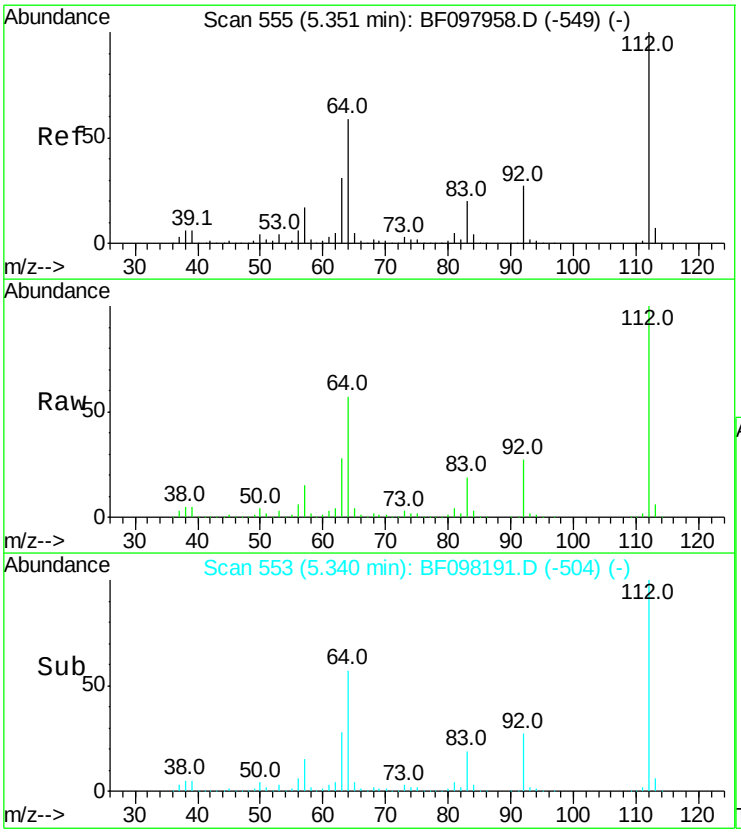
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103628

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	63.3	52.2	78.2

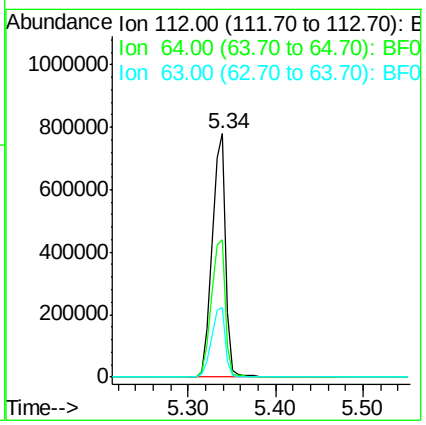


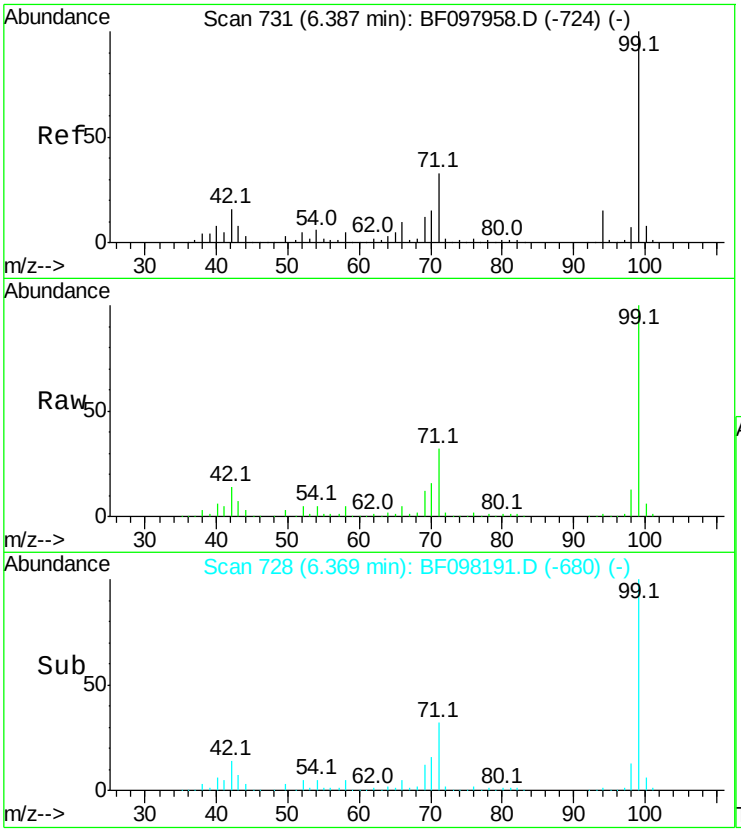


#5
2-Fluorophenol
Concen: 122.121 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:112 Resp: 831987

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	28.5	23.4	35.0



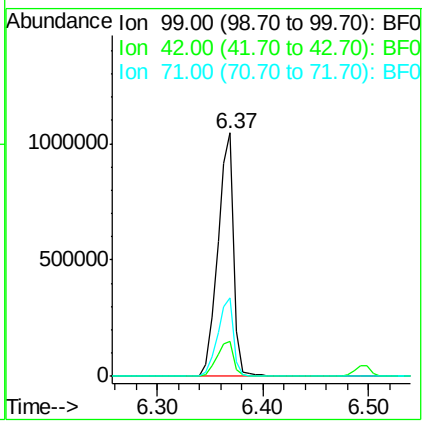


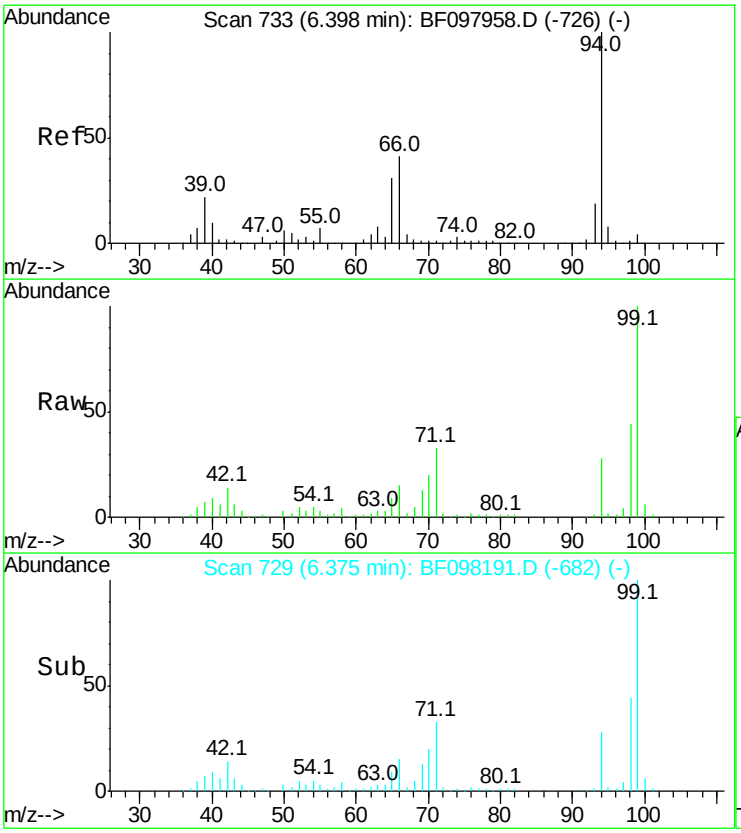
#7
Phenol-d6
Concen: 118.459 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1096537

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	32.4	24.5	36.7

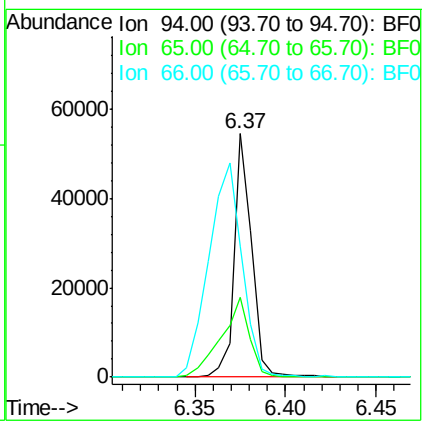


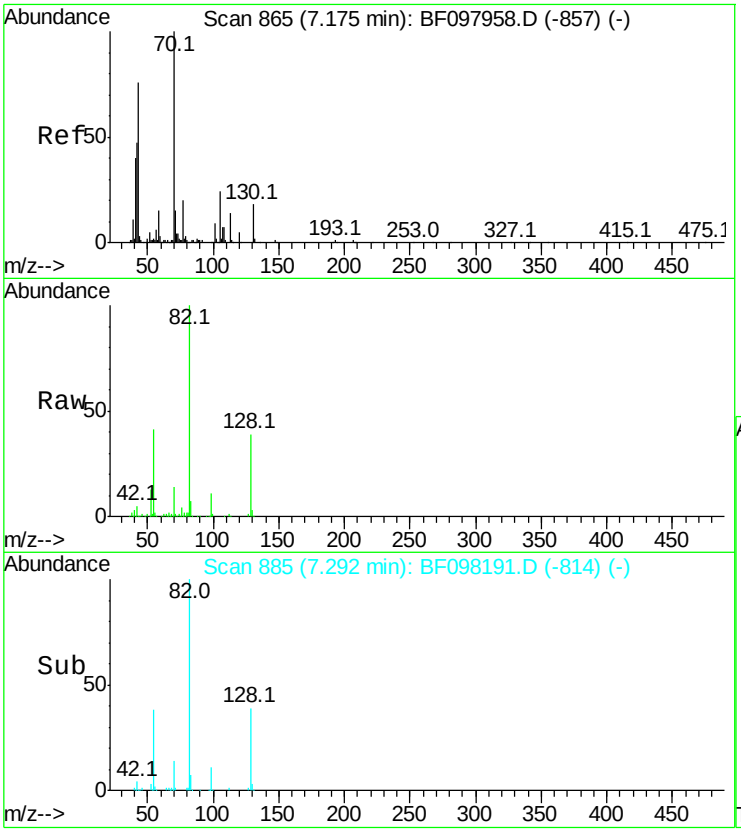


#10
Phenol
Concen: 3.381 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion: 94 Resp: 36601

Ion	Ratio	Lower	Upper
94	100		
65	32.7	9.9	49.9
66	54.0	23.1	63.1



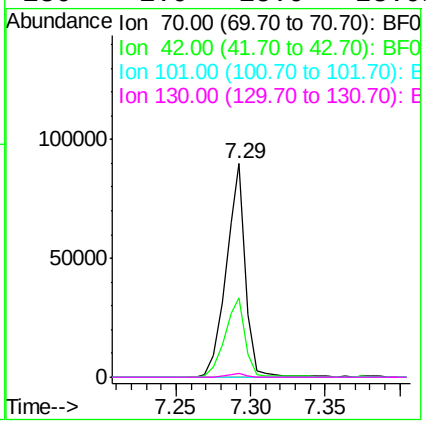


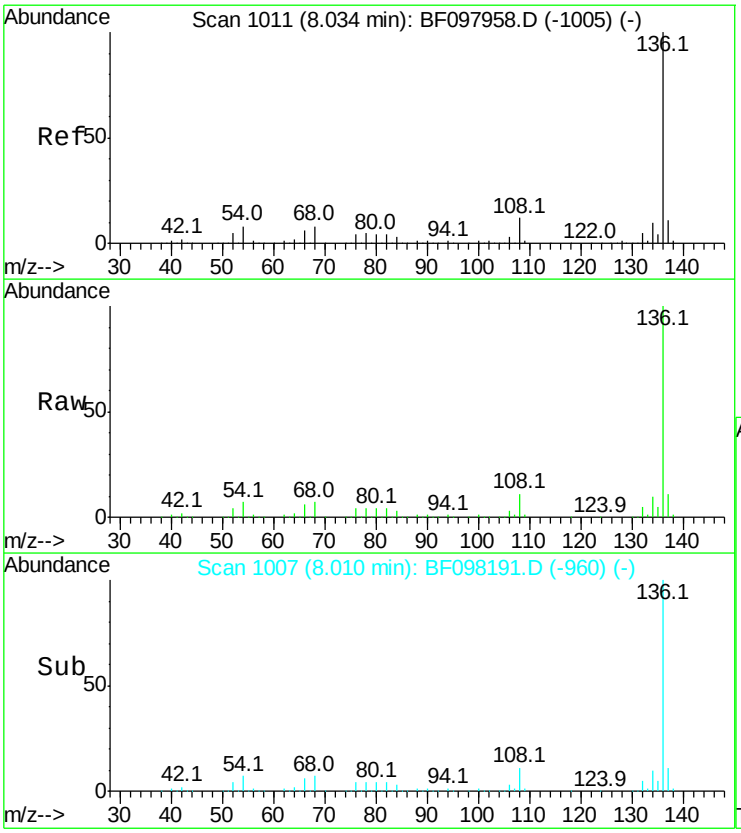
#19
n-Nitroso-di-n-propylamine
Concen: 12.860 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 81487

Ion	Ratio	Lower	Upper
70	100		
42	37.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

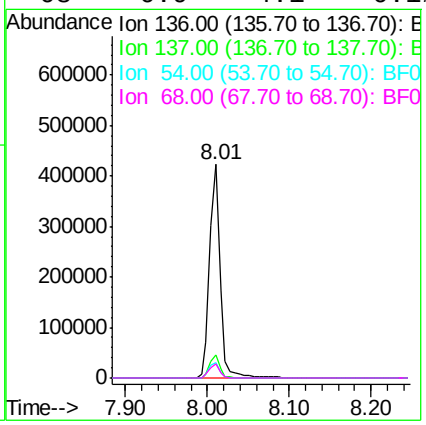


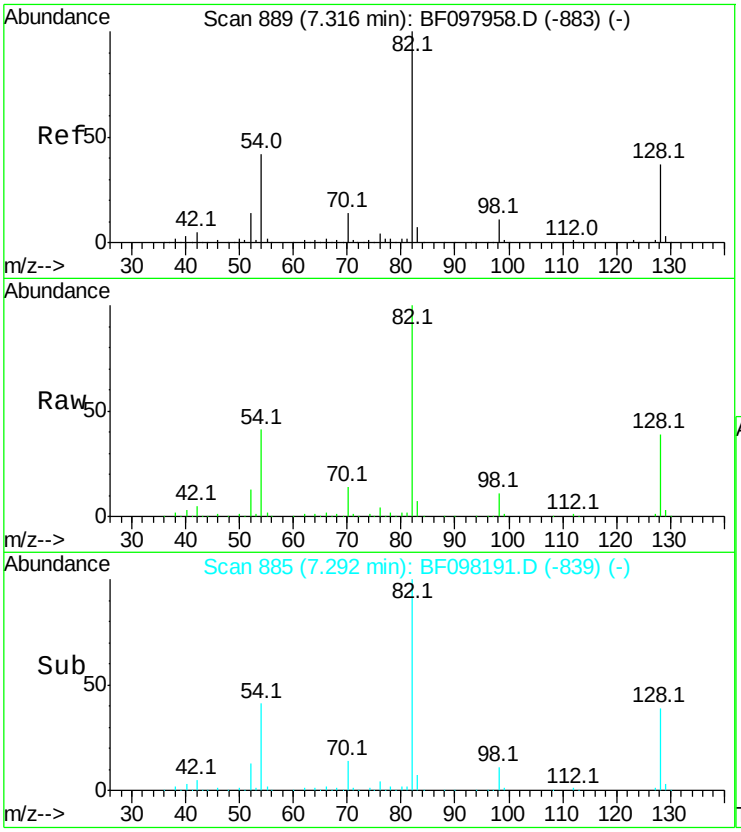


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:136 Resp: 380089

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.1	4.9	7.3
68	6.9	4.1	6.1#



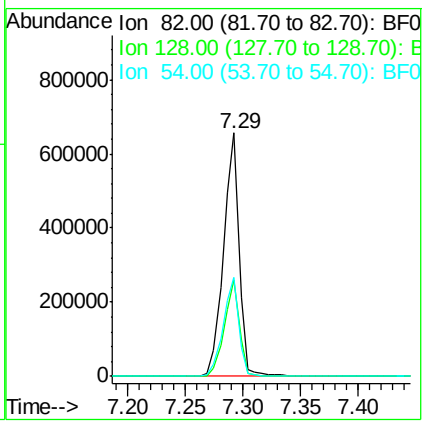


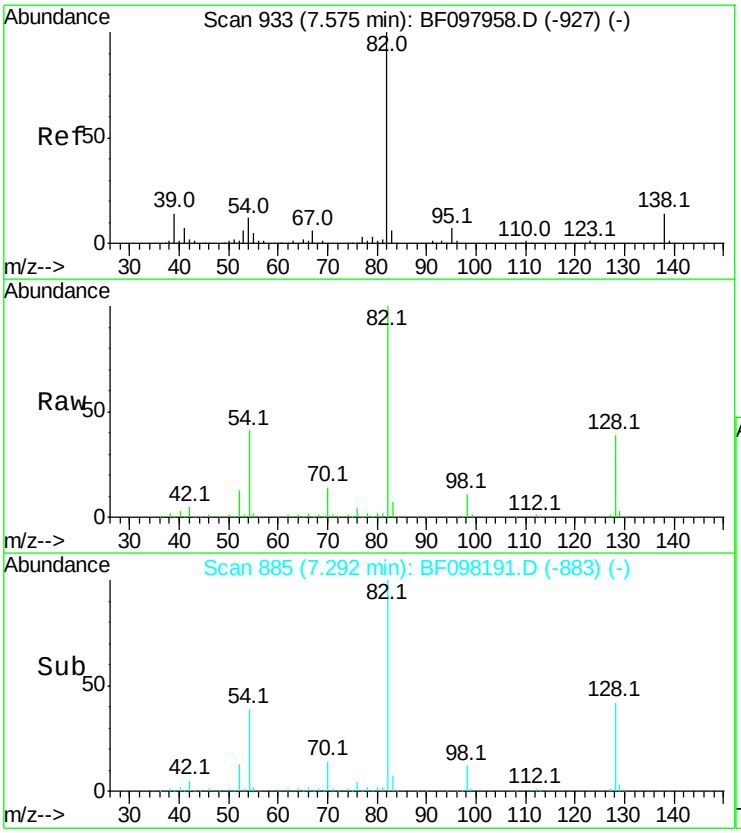
#23
Nitrobenzene-d5
Concen: 87.707 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 613650

Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.0	51.0
54	40.5	42.2	63.2#

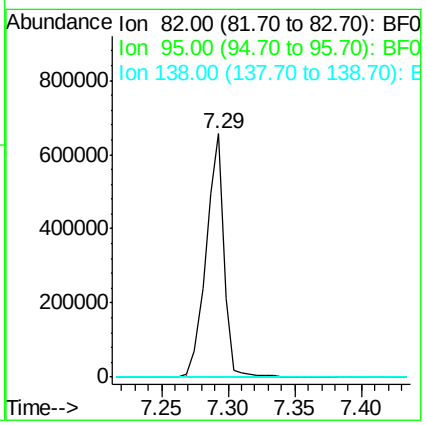


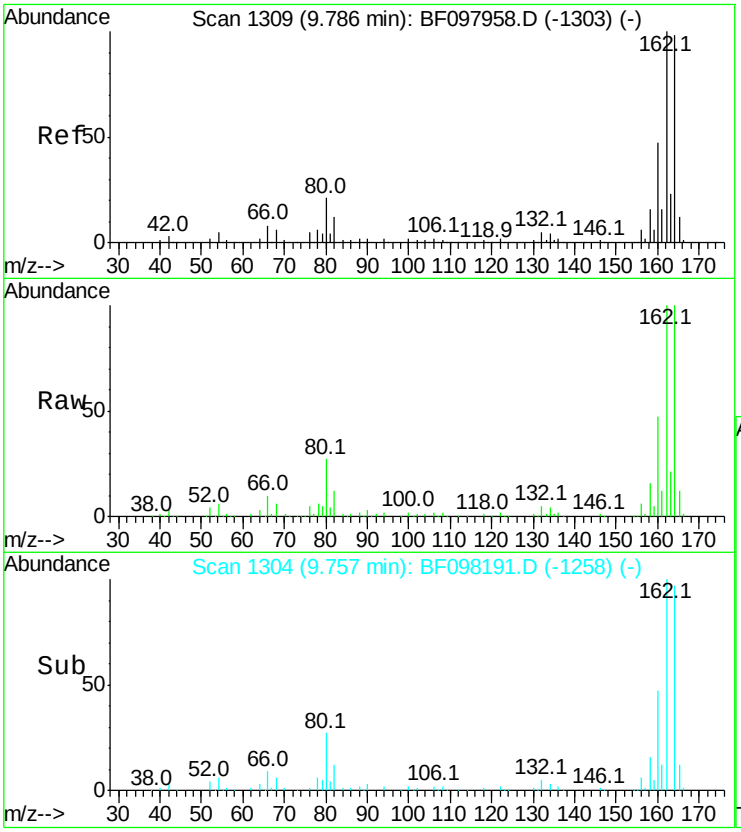


#25
Isophorone
Concen: 41.447 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion: 82 Resp: 602987

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



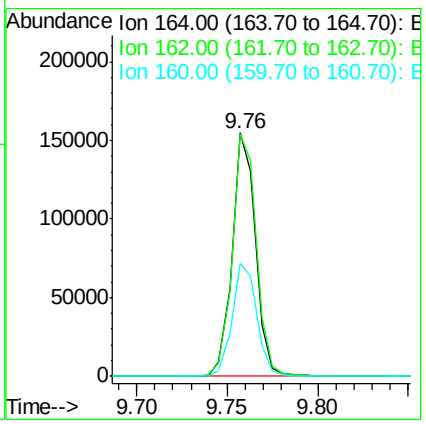


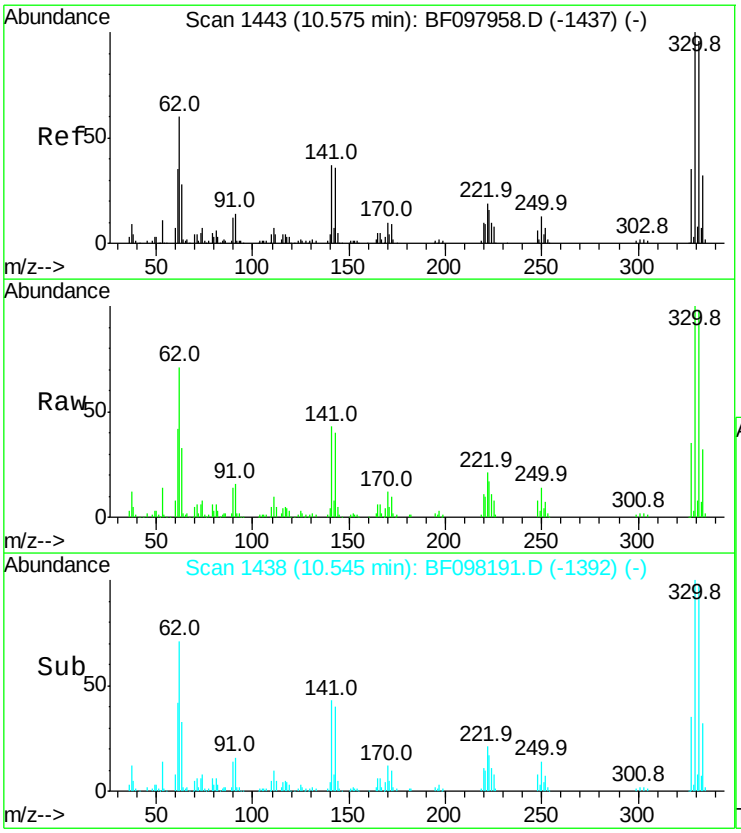
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138650

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	46.6	36.2	54.2

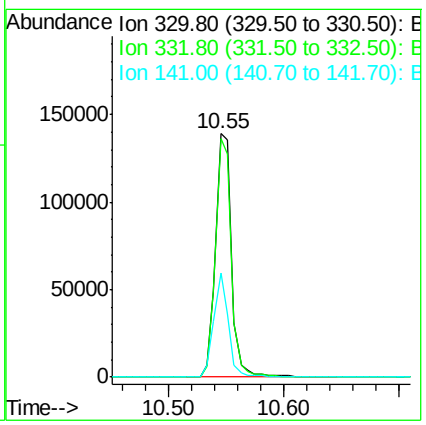


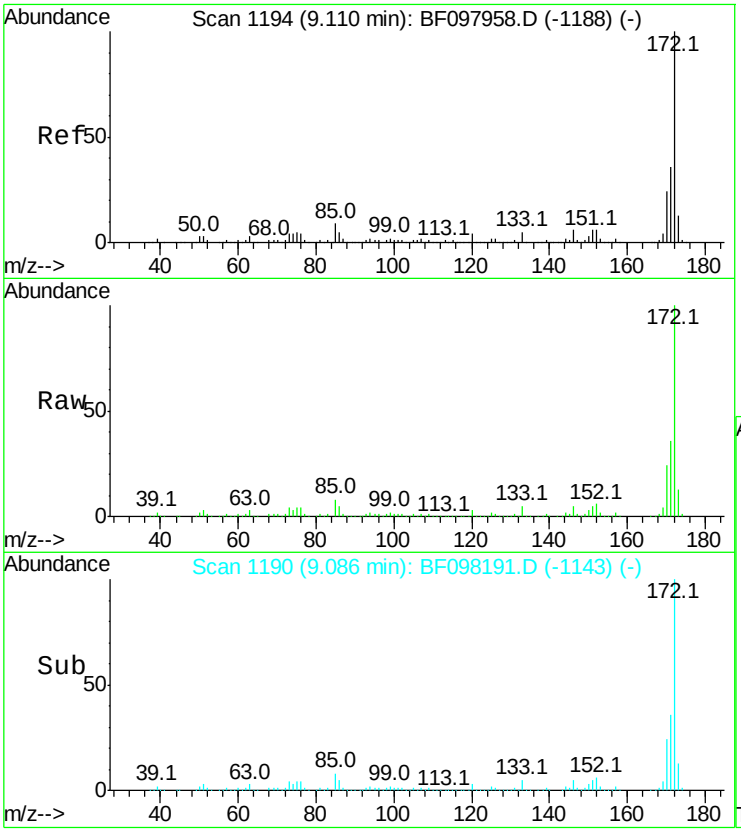


#41
2,4,6-Tribromophenol
Concen: 111.756 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:330 Resp: 134444

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.8	31.4	47.2

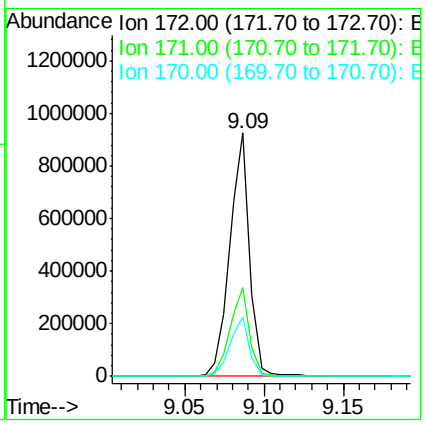




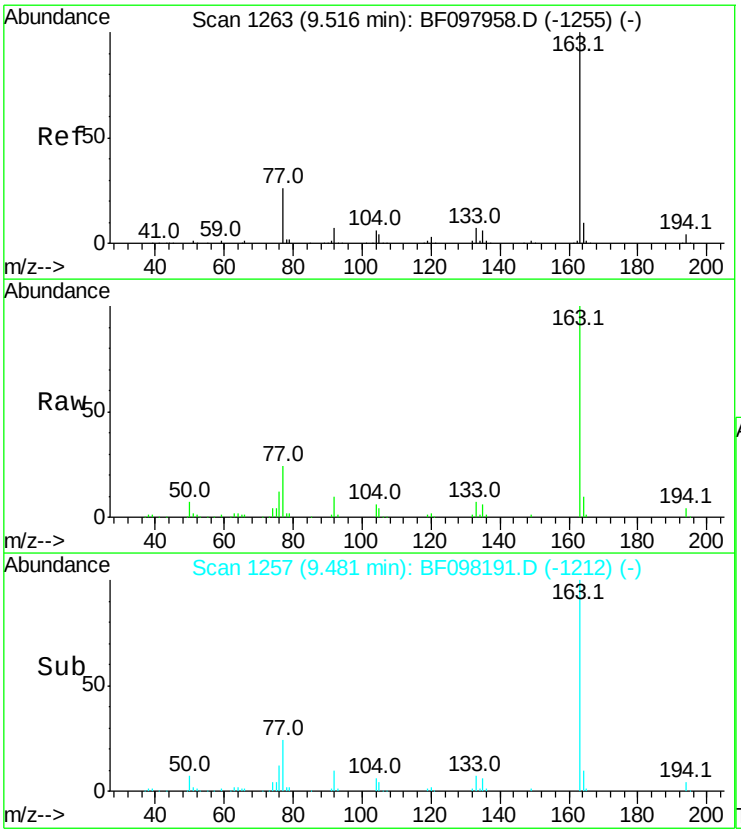
#44
2-Fluorobiphenyl
Concen: 84.605 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:172 Resp: 798428

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	19.8	29.8



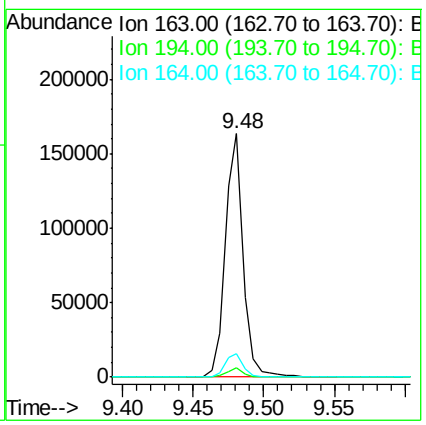
Instrument :
BNA_F
ClientSampleId :

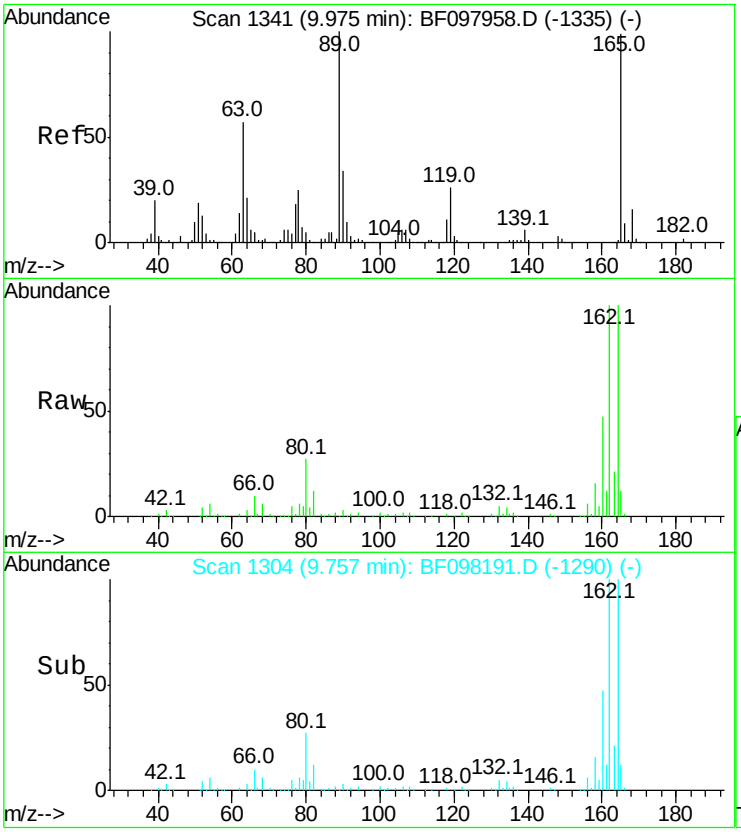


#49
Dimethylphthalate
Concen: 14.062 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:163 Resp: 142513

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6



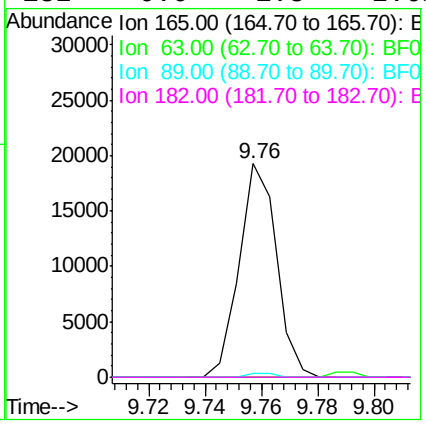


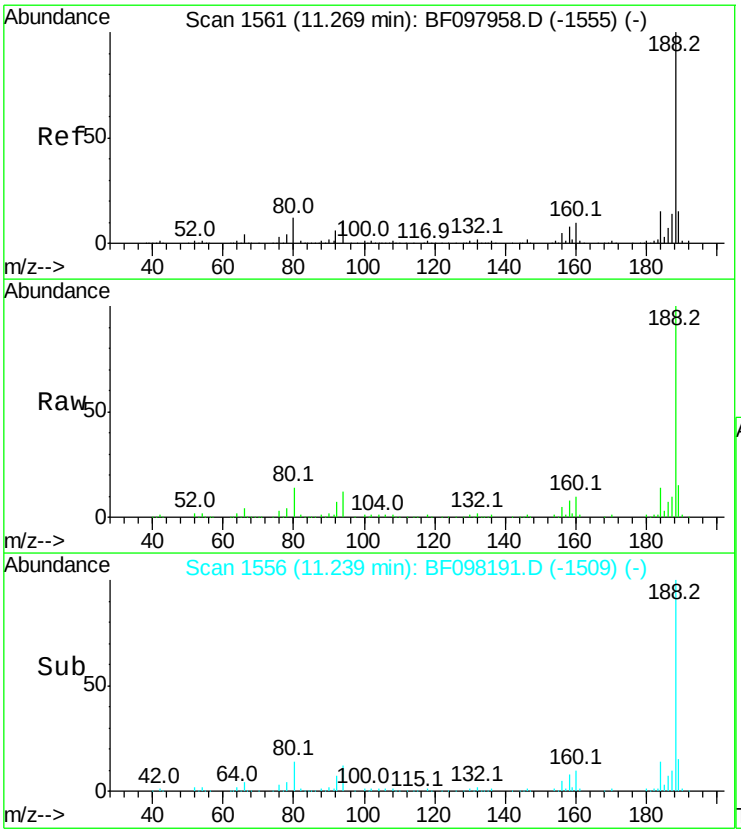
#56
2,4-Dinitrotoluene
Concen: 6.954 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17655

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

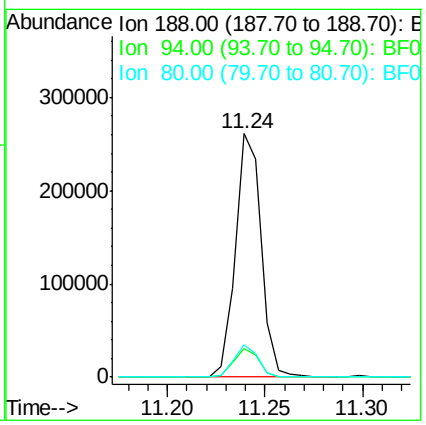


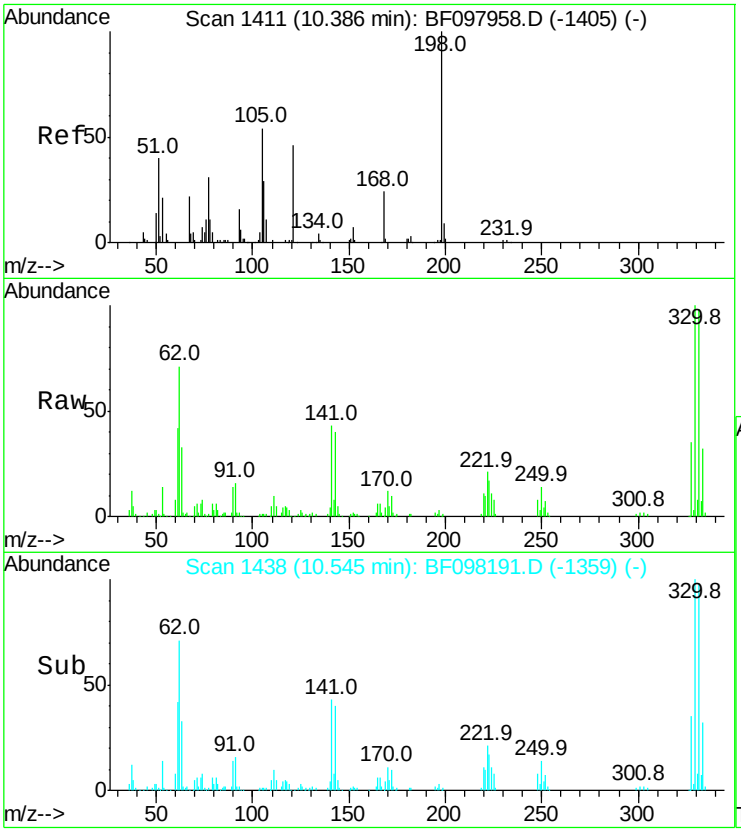


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:188 Resp: 238108

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.5	10.2	15.2



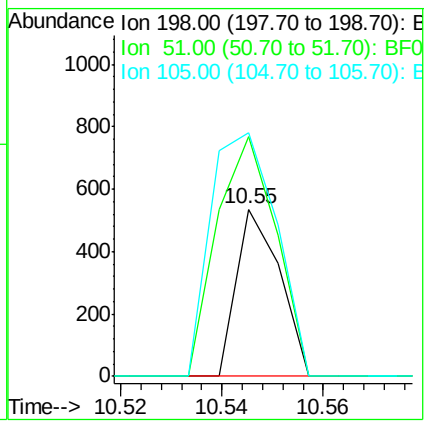


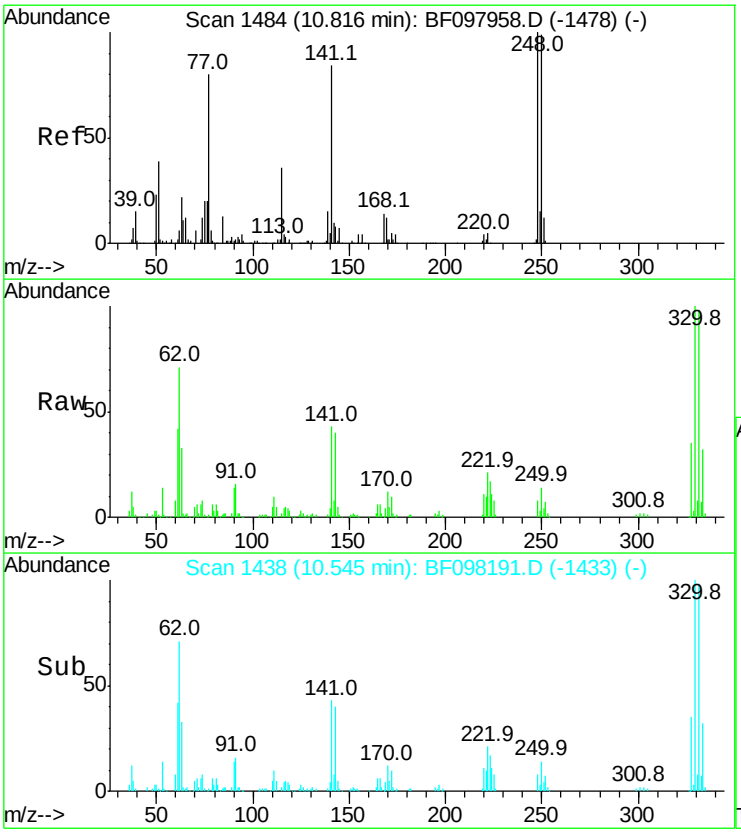
#64
4,6-Dinitro-2-methylphenol
Concen: 8.555 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.16 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 318

Ion	Ratio	Lower	Upper
198	100		
51	143.8	53.2	93.2#
105	145.7	45.8	85.8#

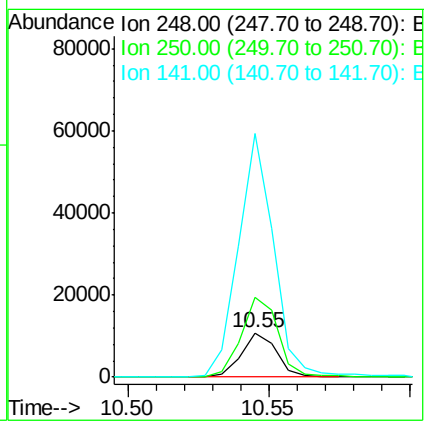


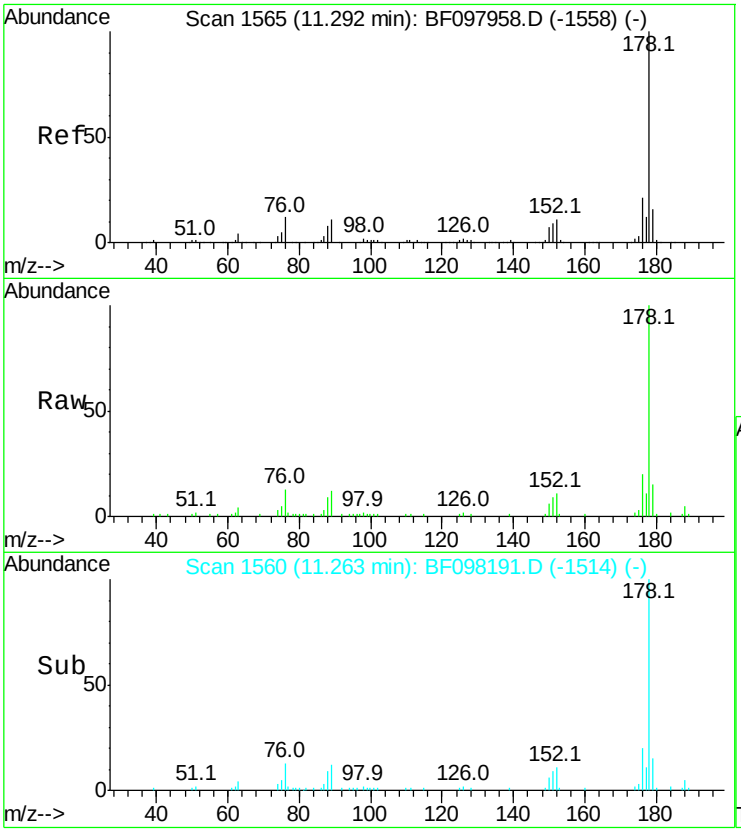


#66
4-Bromophenyl-phenylether
Concen: 3.733 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.27 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:248 Resp: 9230

Ion	Ratio	Lower	Upper
248	100		
250	180.9	76.8	115.2#
141	548.2	68.6	103.0#



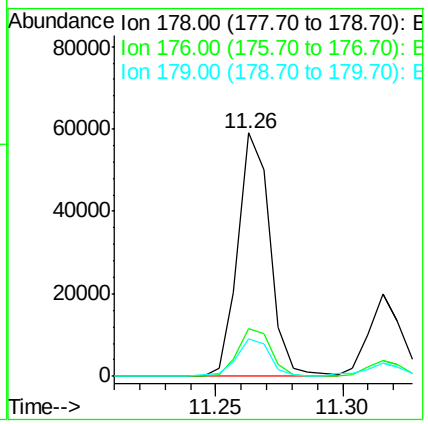


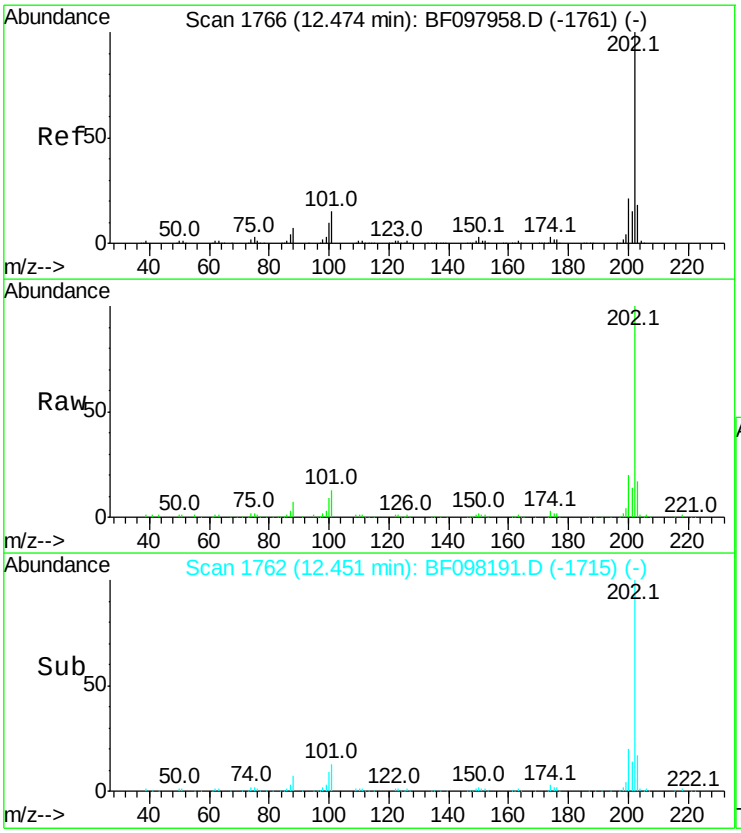
#70
Phenanthrene
Concen: 4.102 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52041

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.3	12.6	19.0

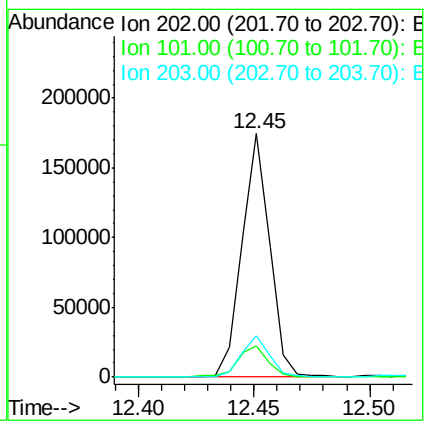


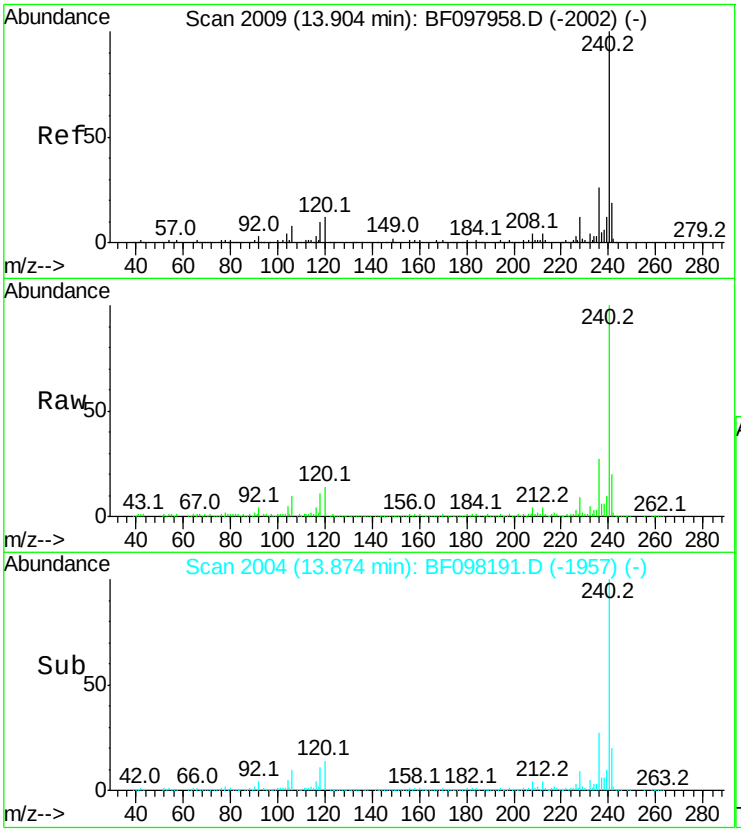


#74
Fluoranthene
Concen: 11.066 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:202 Resp: 146550

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.0	0.0	38.1



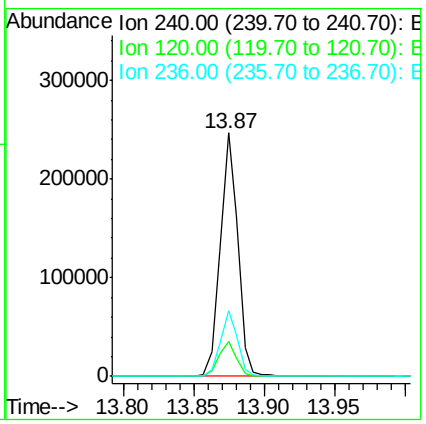


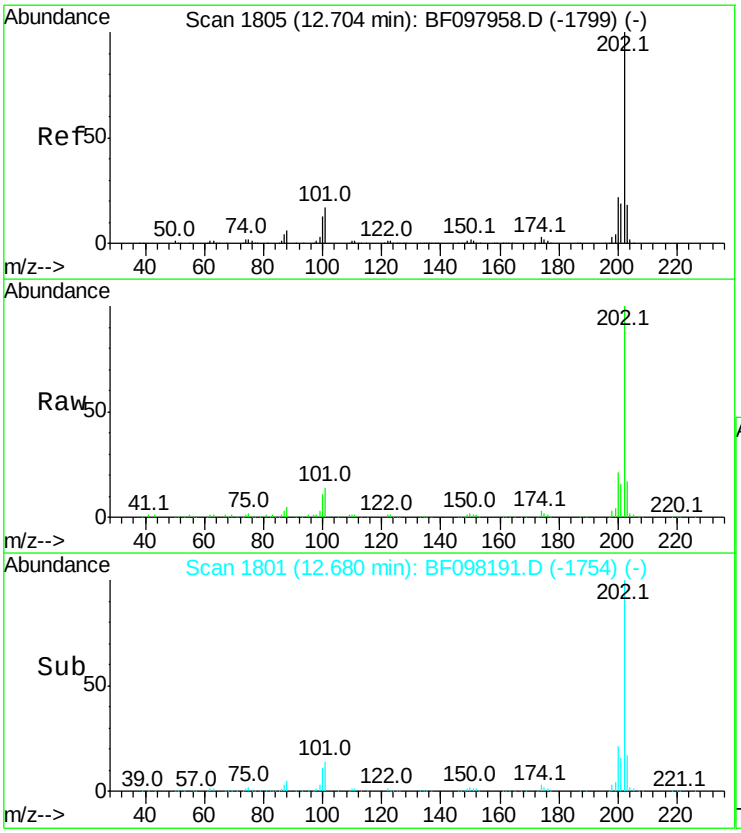
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 212972

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.7	20.5	30.7

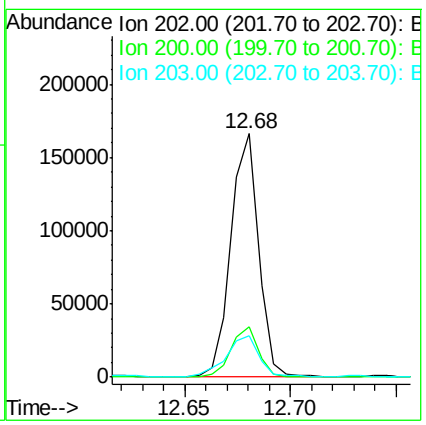


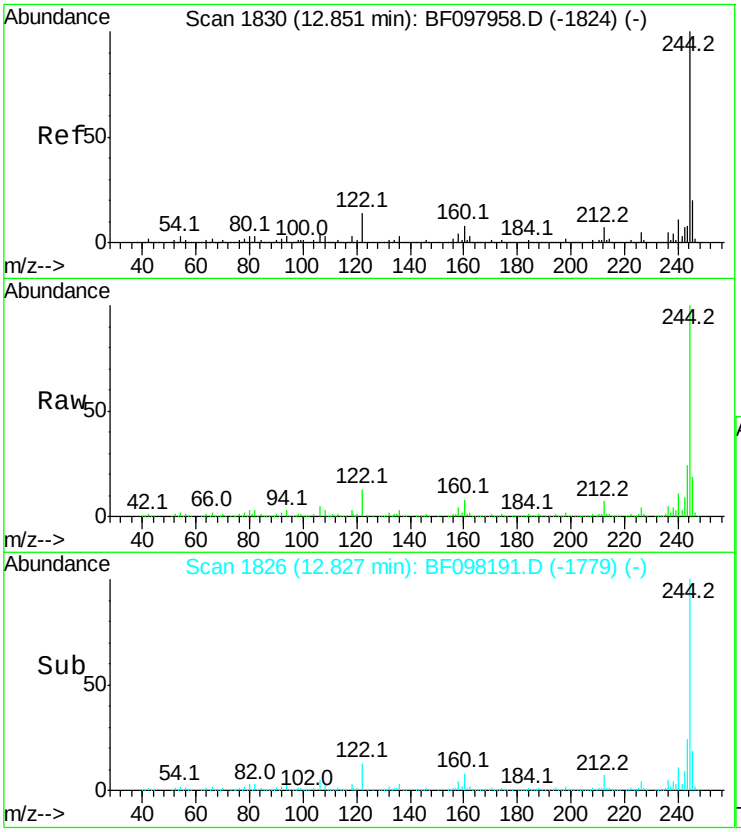


#77
Pyrene
Concen: 8.665 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:202 Resp: 150928

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.1	14.4	21.6



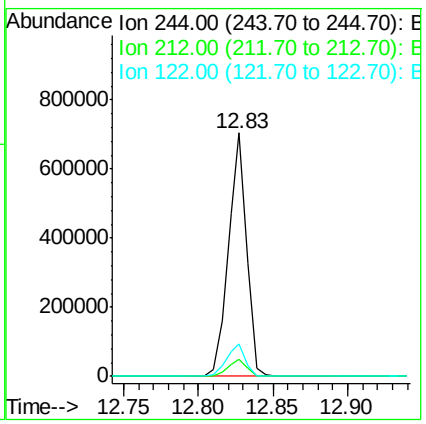


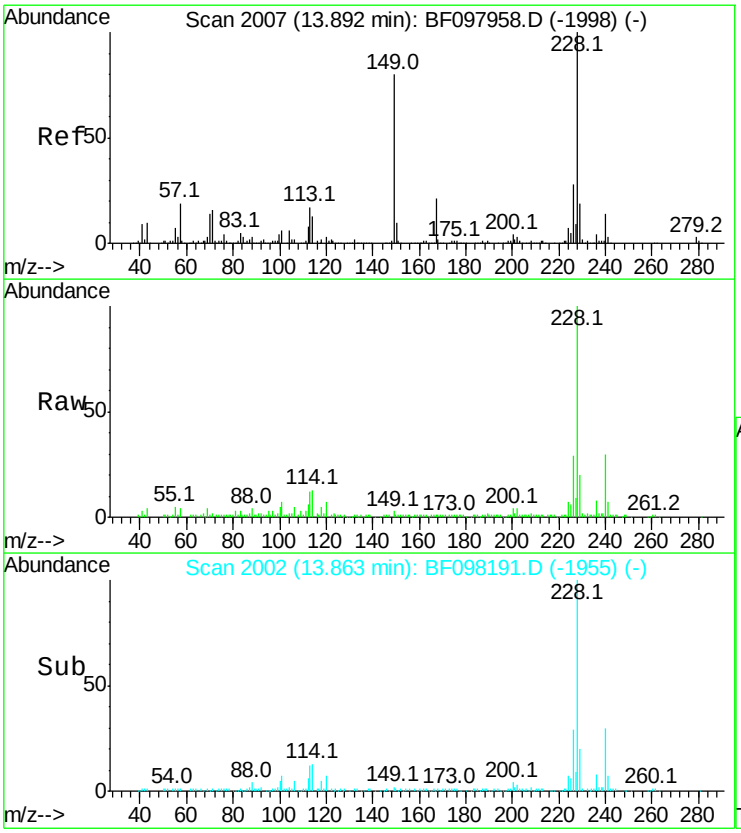
#78
Terphenyl-d14
Concen: 59.247 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 605084

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5

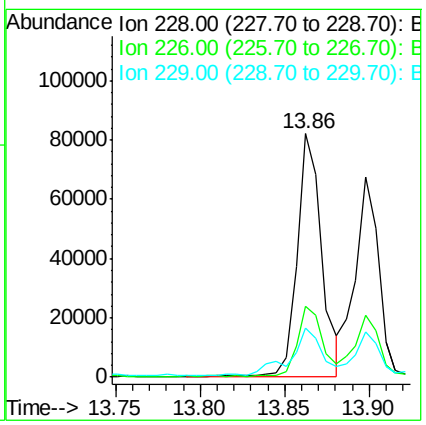


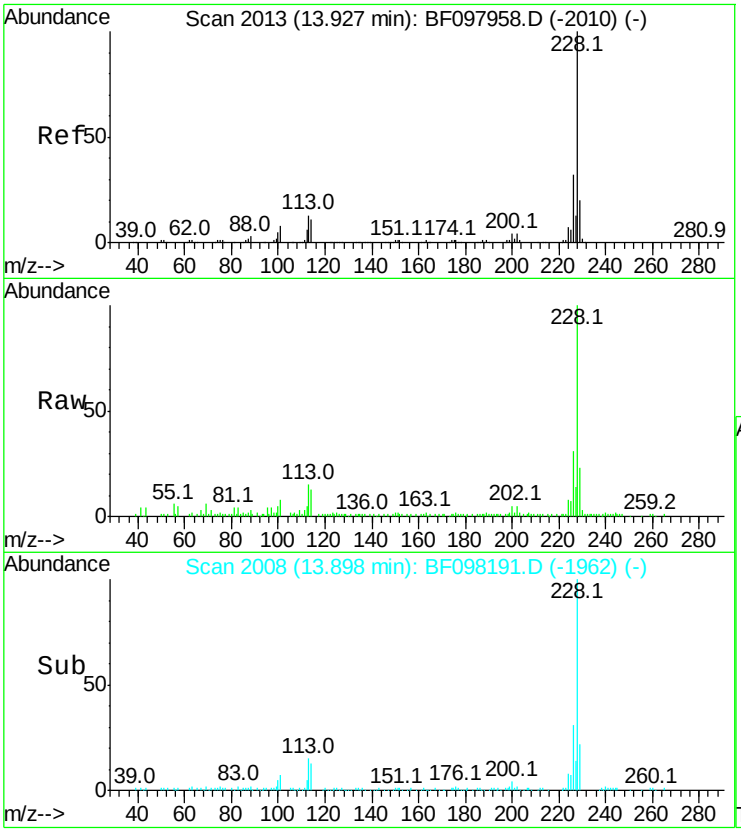


#80
Benzo(a)anthracene
Concen: 6.547 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:228 Resp: 83564

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.3	16.3	24.5



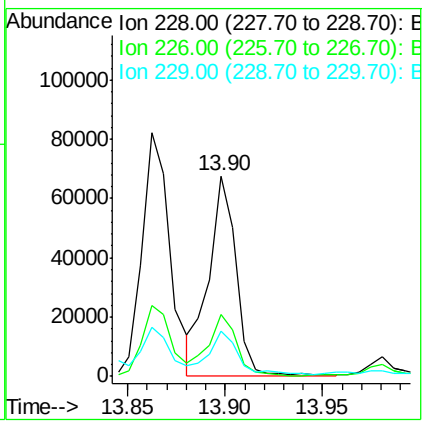


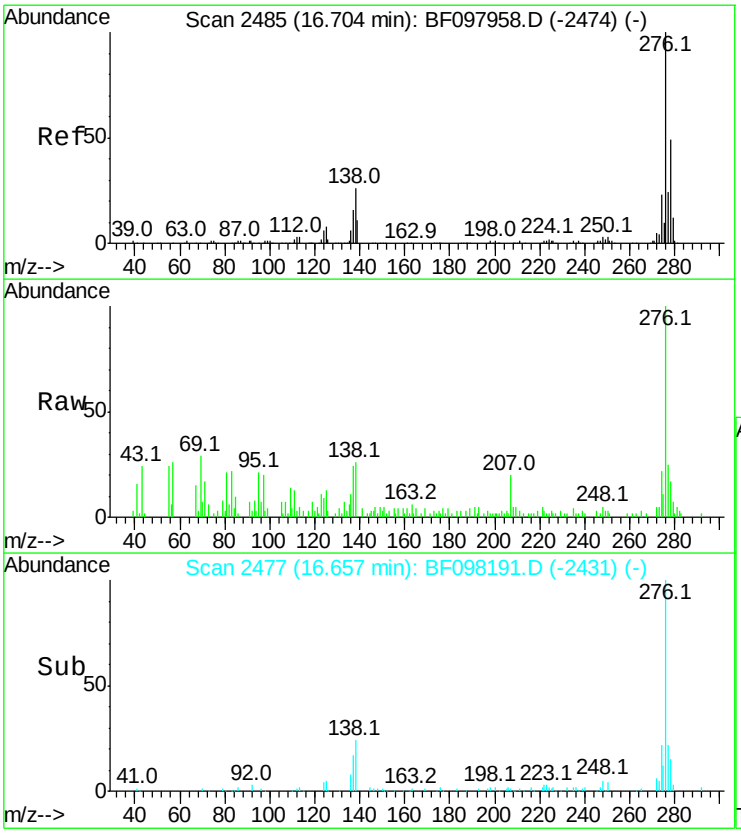
#82
Chrysene
Concen: 5.183 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 65817

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.9	15.8	23.6

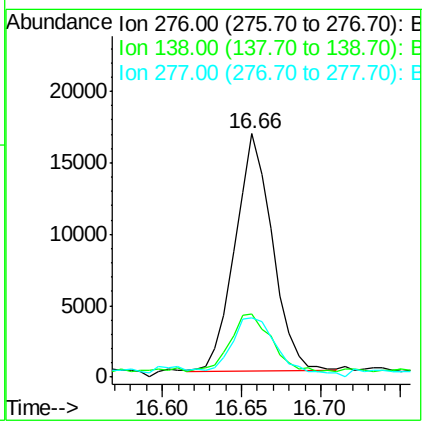


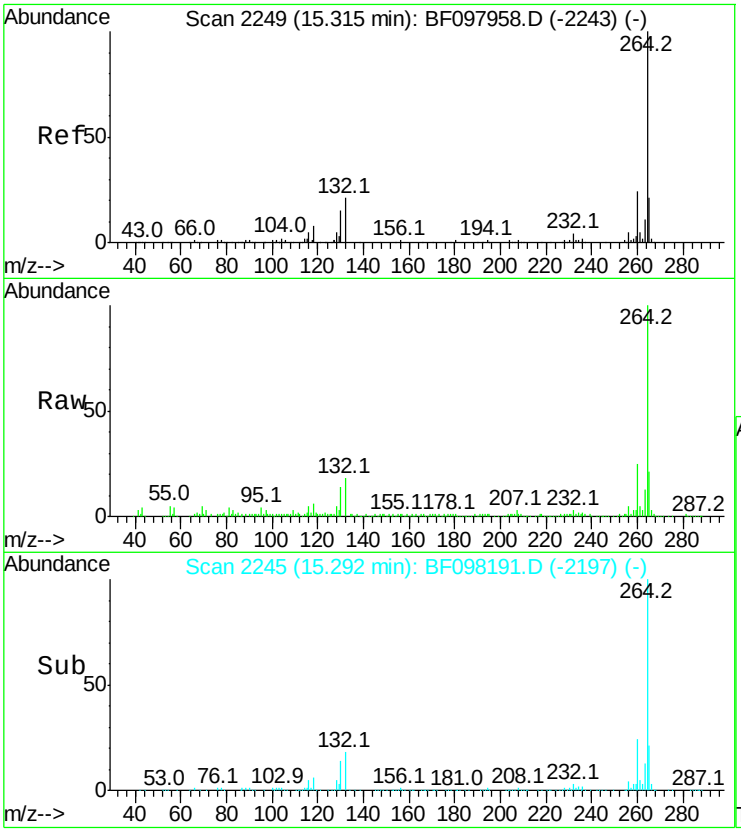


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.931 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:276 Resp: 27379

Ion	Ratio	Lower	Upper
276	100		
138	27.3	27.8	41.6#
277	31.6	20.2	30.4#



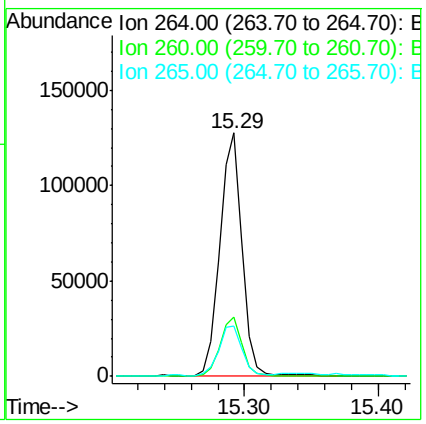


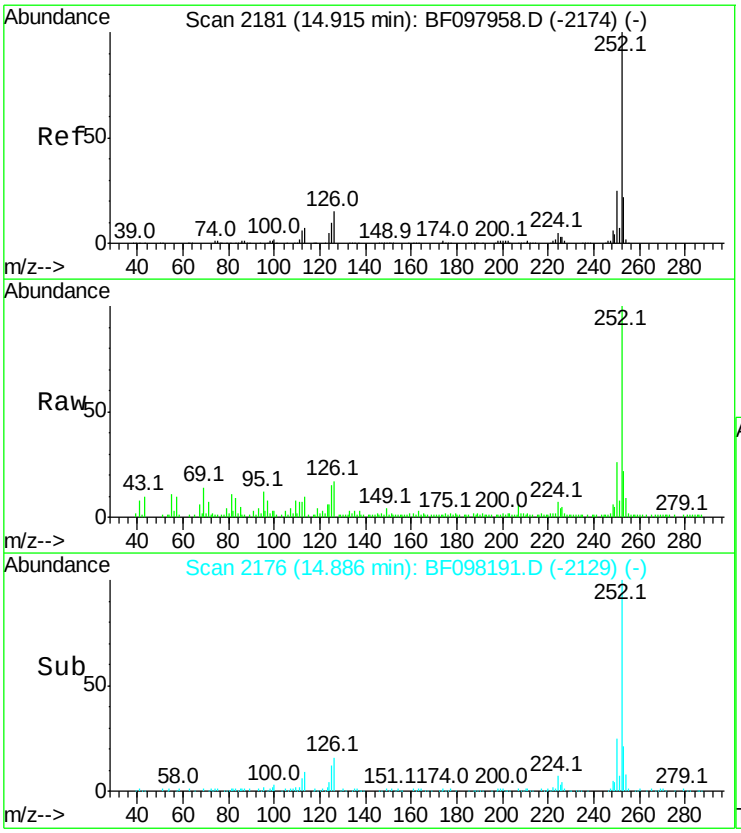
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150657

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.9	17.2	25.8

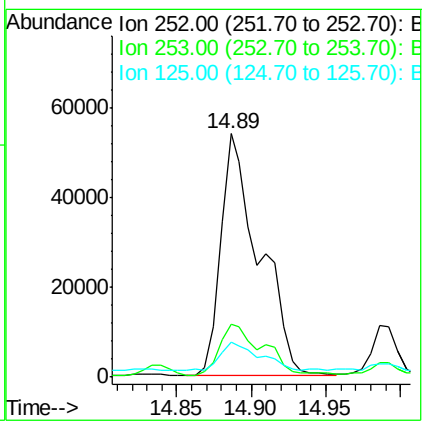


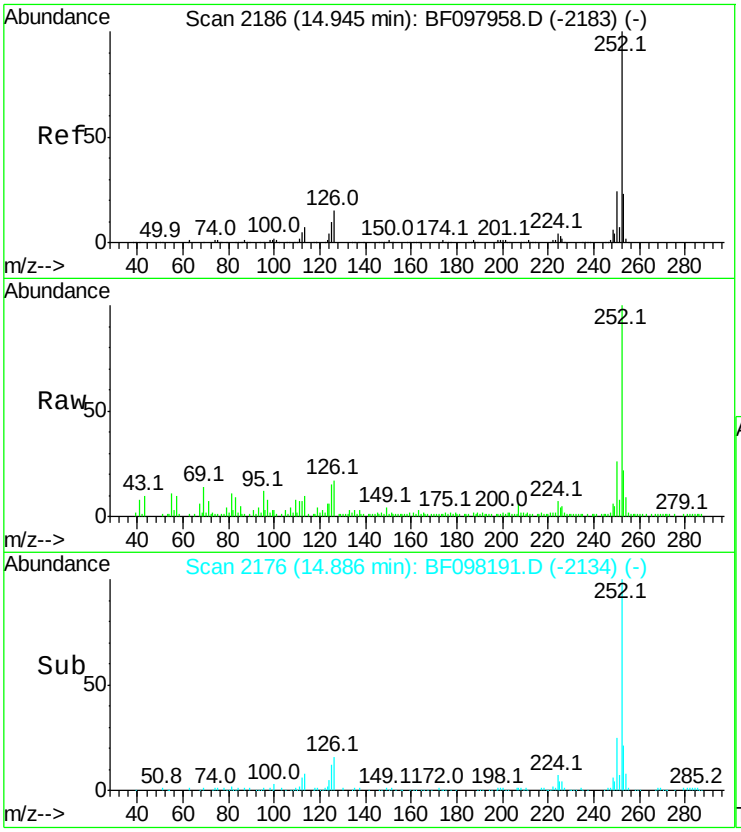


#87
Benzo(b)fluoranthene
Concen: 10.257 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:252 Resp: 97403

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.6	9.8	14.8



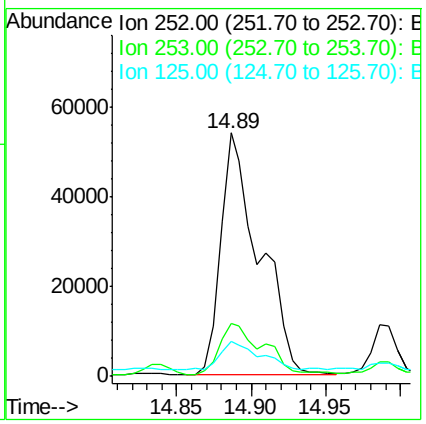


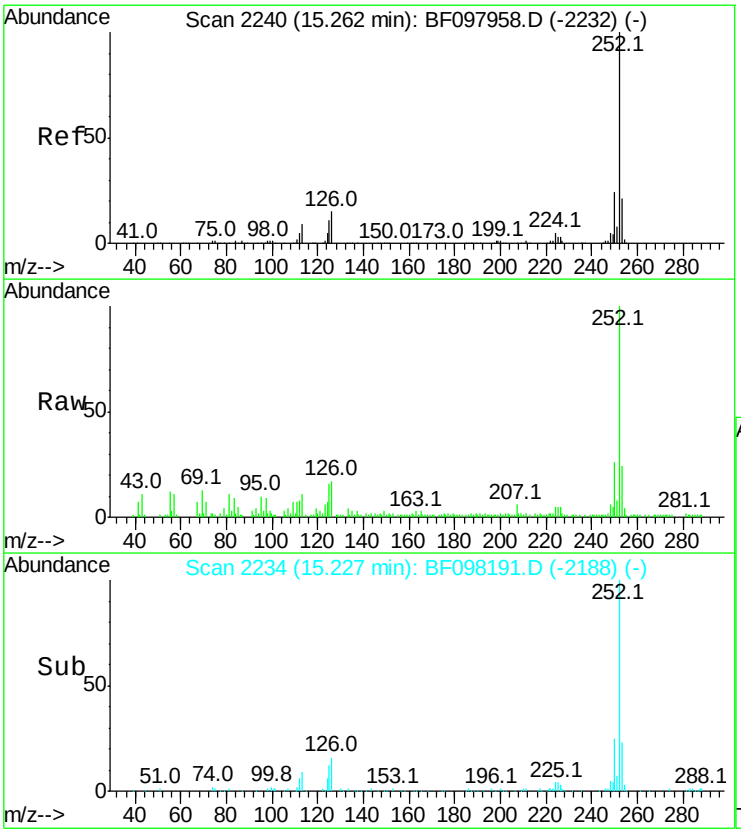
#88
Benzo(k)fluoranthene
Concen: 10.917 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.05 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 97403

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.6	13.1	19.7

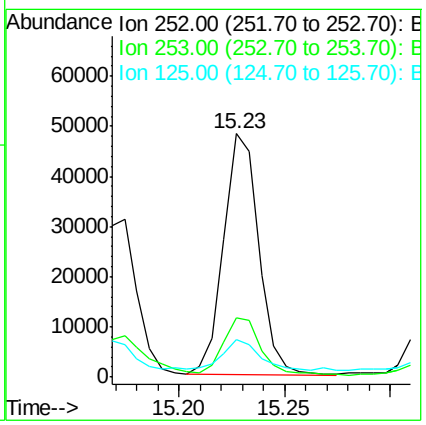


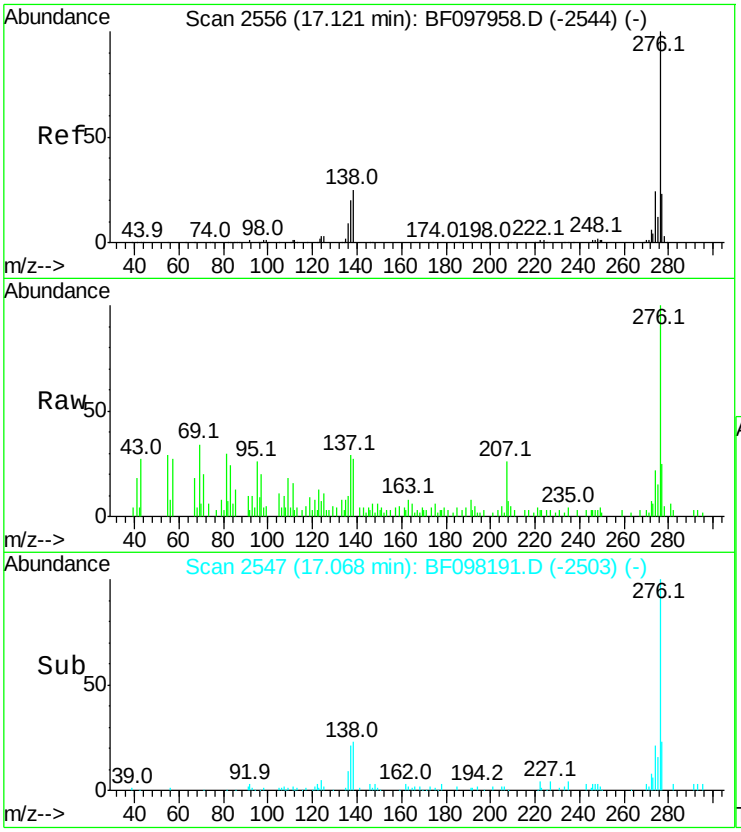


#89
Benzo(a)pyrene
Concen: 6.591 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion:252 Resp: 55414

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	15.7	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.095 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.04 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29246

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	27.2	25.4	38.0