Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098495.D
Acq On : 13 Sep 2017 17:49
Operator : SJ/JU
Sample : I5208-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 05:03:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	177850	20.00	ng		-0.02
21) Naphthalene-d8	7.94	136	733210	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	312643	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	484591	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	341284	20.00	ng		-0.01
86) Perylene-d12	15.20	264	353780	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	248231	20.64	ng		-0.02
7) Phenol-d6	6.30	99	311044	20.37	ng		-0.02
23) Nitrobenzene-d5	7.22	82	178878	13.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	45099	21.61	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	335525	18.19	ng		-0.02
78) Terphenyl-d14	12.74	244	201412	12.74	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	22774	2.371	ng	#	84
25) Isophorone	7.22	82	175142	6.582	ng	#	67
32) Benzoic acid	7.93	122	120	7.982	ng	#	1
50) 2,6-Dinitrotoluene	9.69	165	40986	8.245	ng	#	35
57) Fluorene	10.23	166	42569	2.067	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	109	4.997	ng	#	1
70) Phenanthrene	11.19	178	303374	11.809	ng		98
71) Anthracene	11.24	178	77754	2.948	ng		96
74) Fluoranthene	12.37	202	331535	12.892	ng		98
77) Pyrene	12.60	202	302457	11.234	ng		100
80) Benzo(a)anthracene	13.79	228	136796	6.837	ng		96
82) Chrysene	13.83	228	132604	6.556	ng		98
85) Indeno(1,2,3-cd)pyrene	16.54	276	53174	3.747	ng		96
87) Benzo(b)fluoranthene	14.81	252	209655	9.425	ng	#	95
88) Benzo(k)fluoranthene	14.81	252	209655	10.096	ng		98
89) Benzo(a)pyrene	15.14	252	114925	5.799	ng		97
91) Benzo(g,h,i)perylene	16.94	276	53218	3.670	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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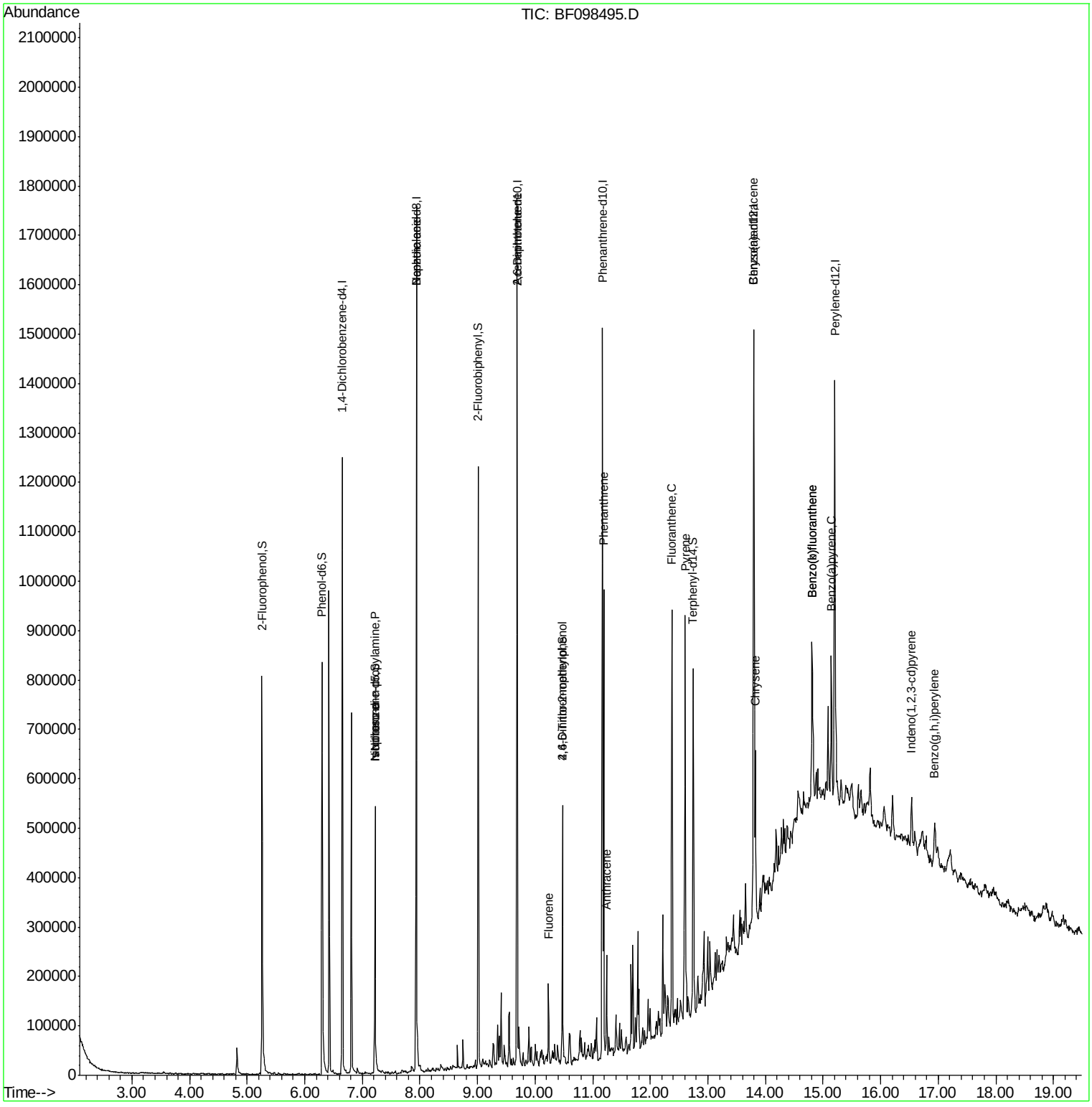
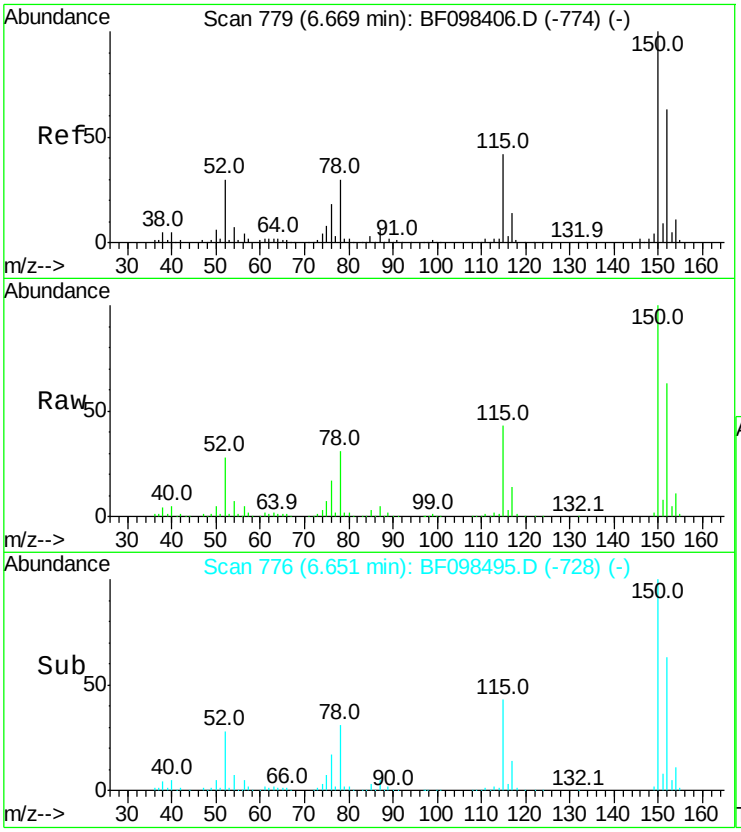
Response via : Initial Calibration



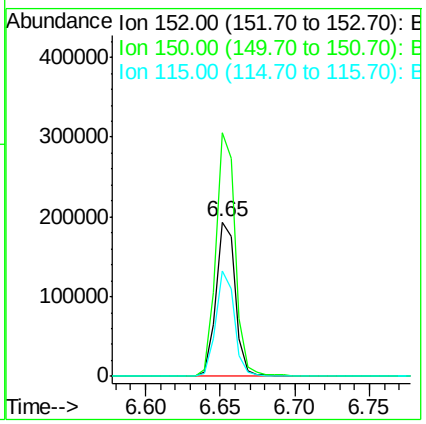


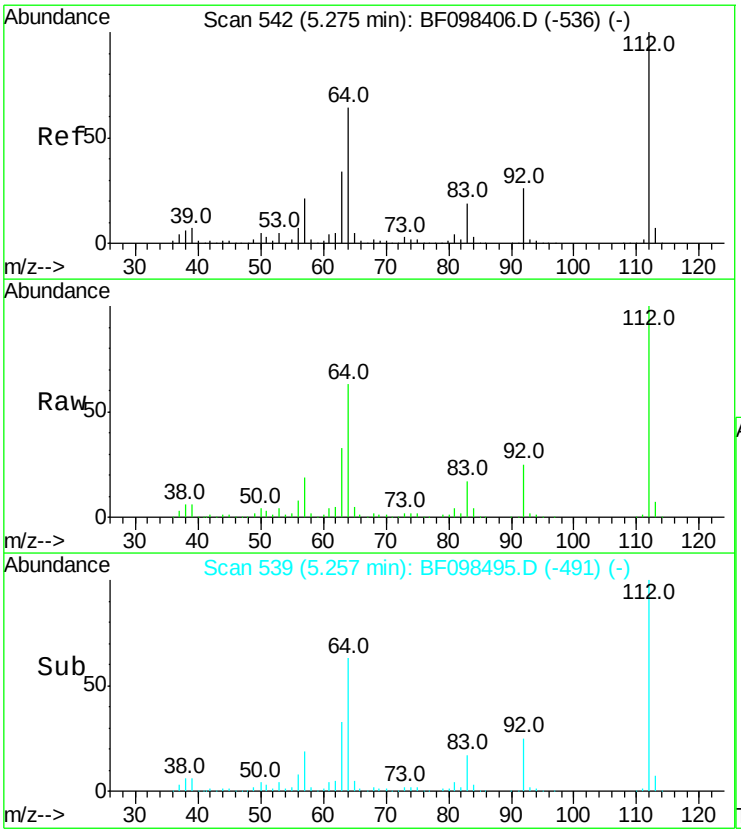
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177850

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	68.3	52.2	78.2

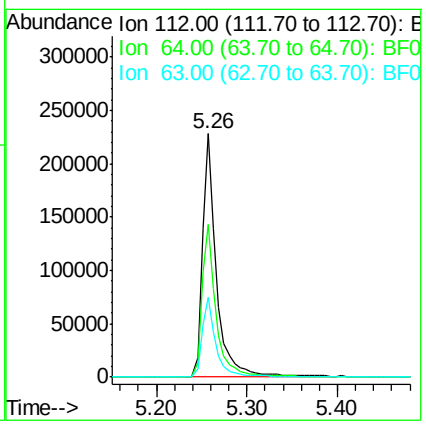


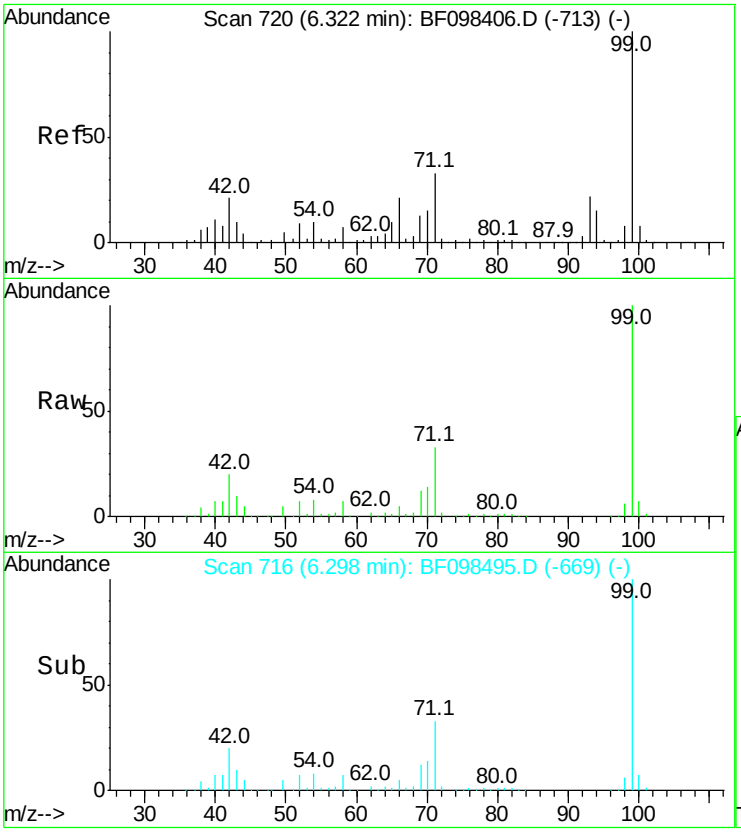


#5
2-Fluorophenol
Concen: 20.636 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:112 Resp: 248231

Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.0	69.0
63	32.7	23.4	35.0



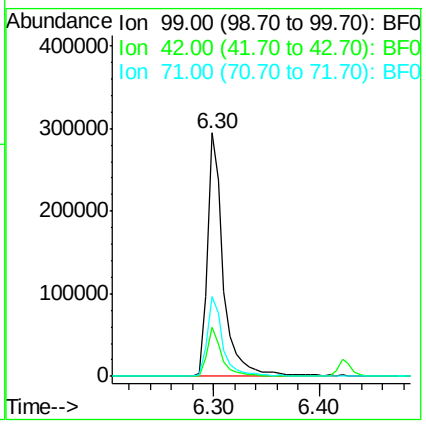


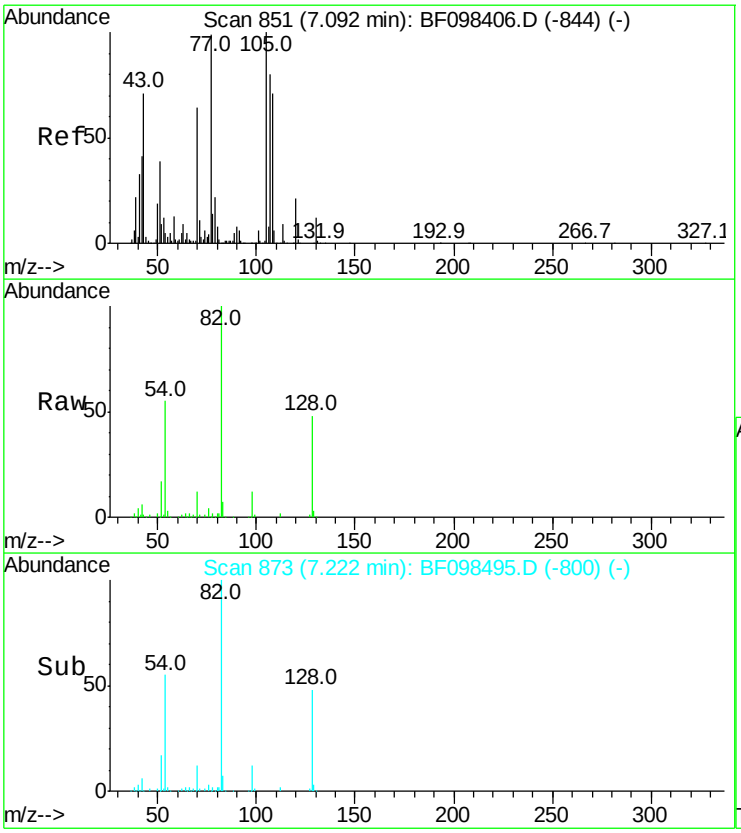
#7
Phenol-d6
Concen: 20.366 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 311044

Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.5	20.3
71	32.8	24.5	36.7

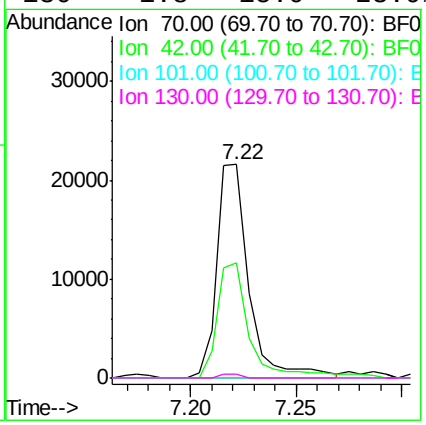


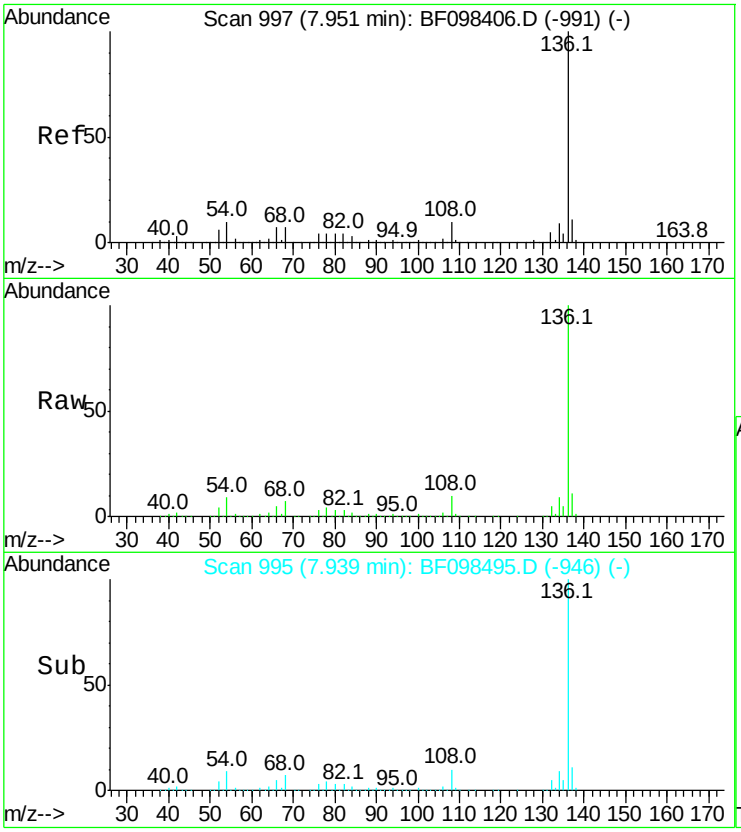


#19
n-Nitroso-di-n-propylamine
Concen: 2.371 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion: 70 Resp: 22774

Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



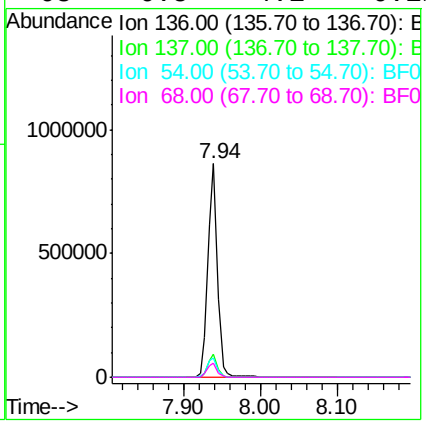


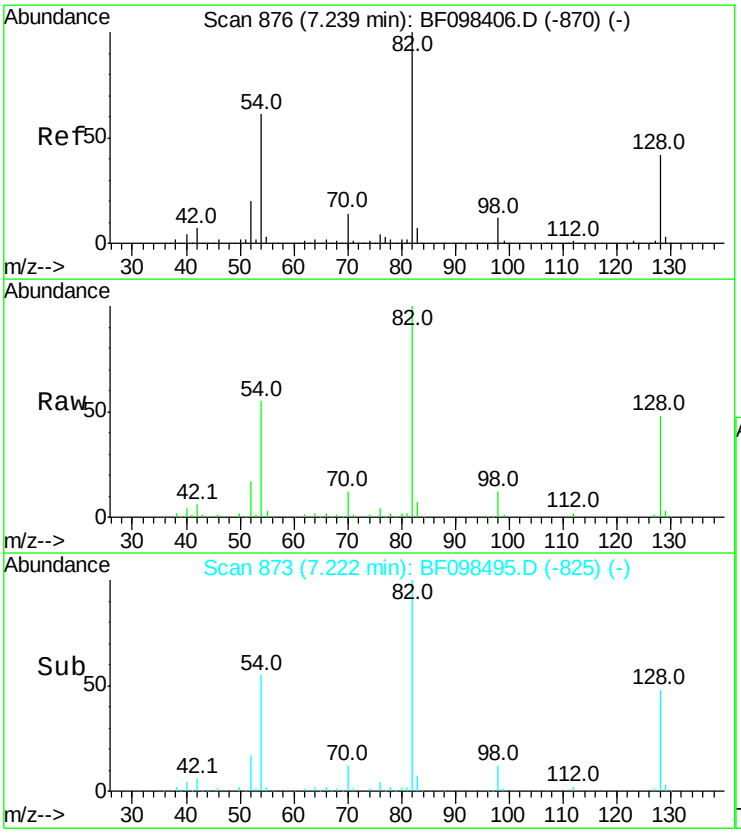
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 733210

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.3	4.9	7.3#
68	6.5	4.1	6.1#

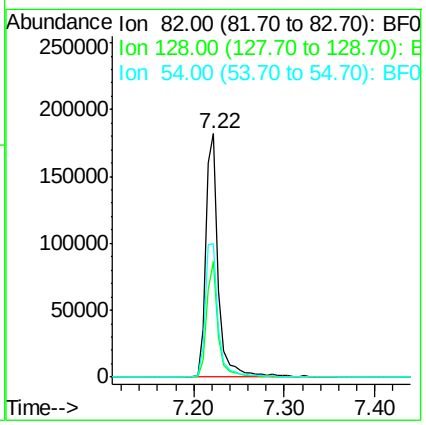


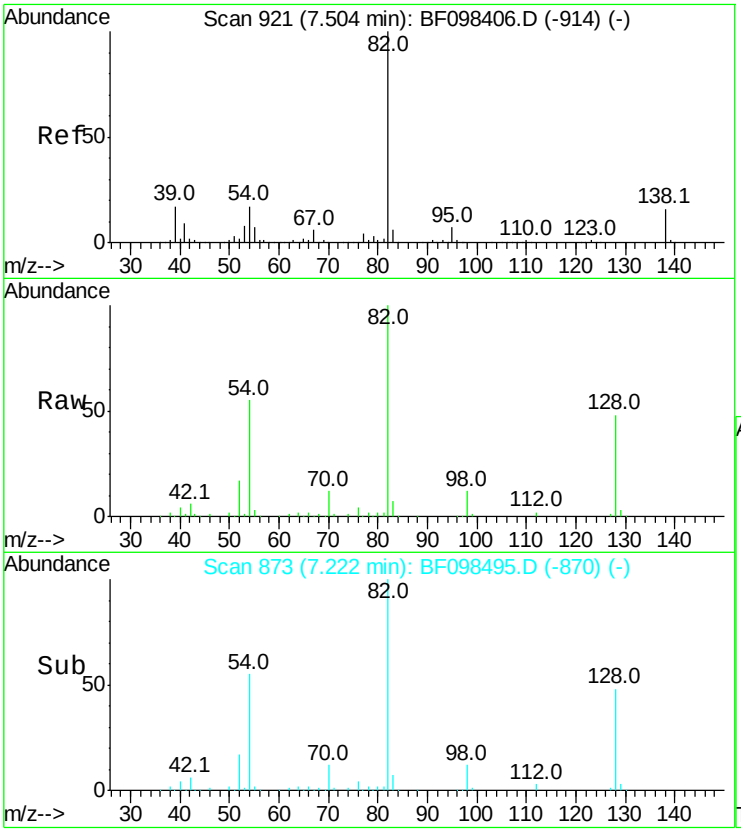


#23
Nitrobenzene-d5
Concen: 13.601 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion: 82 Resp: 178878

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	54.9	42.2	63.2



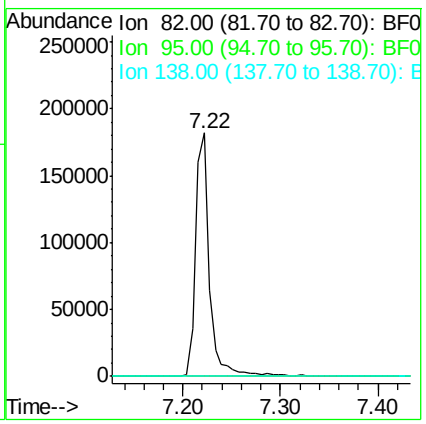


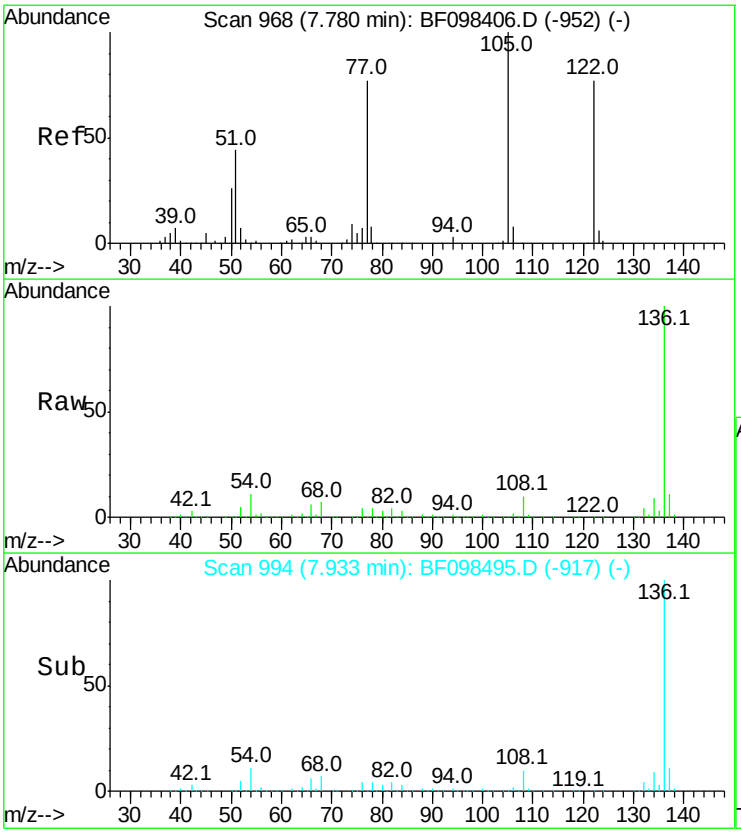
#25
Isophorone
Concen: 6.582 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 175142

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

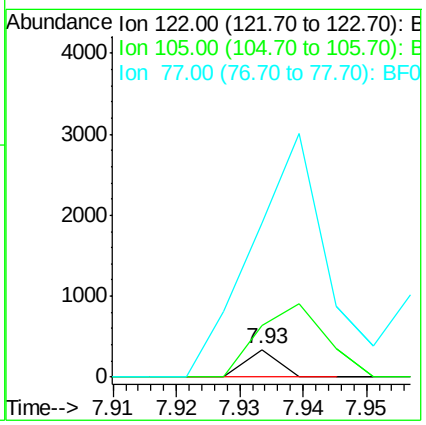


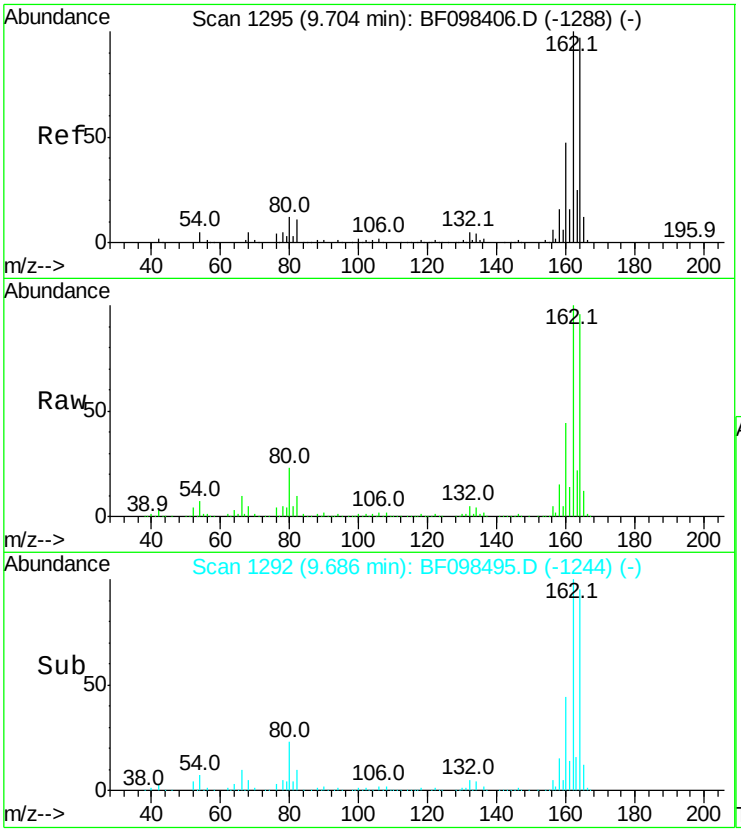


#32
Benzoic acid
Concen: 7.982 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.15 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	189.4	103.3	143.3#
77	559.0	73.7	113.7#



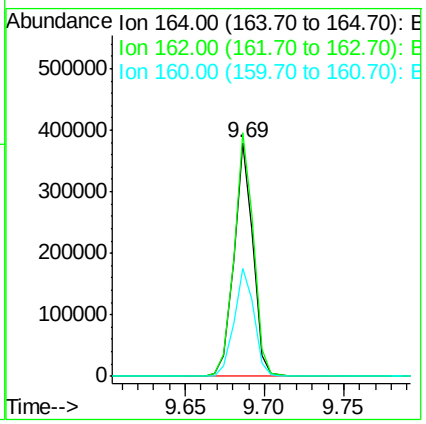


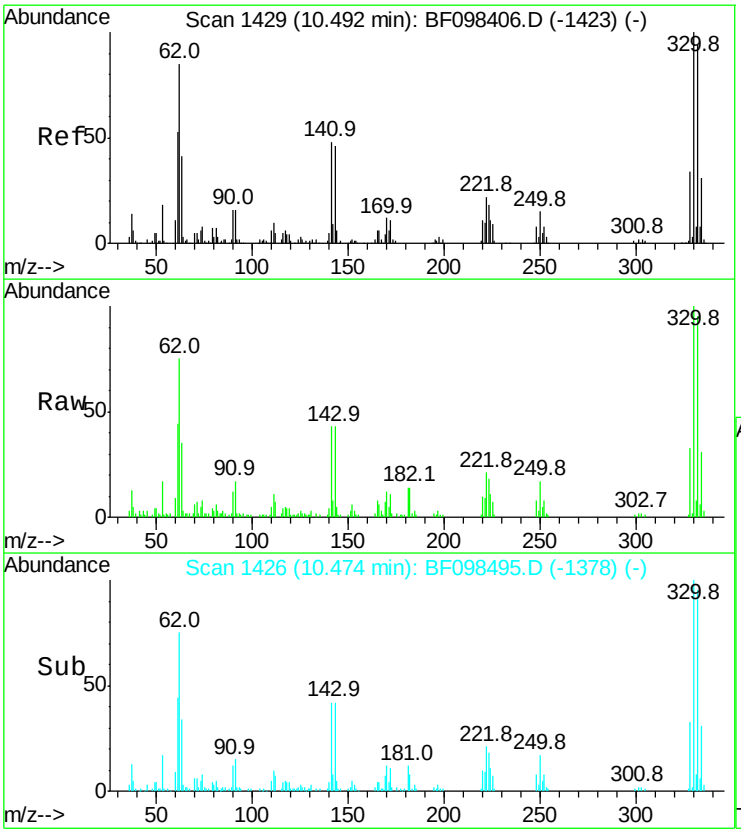
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 312643

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	46.3	36.2	54.2

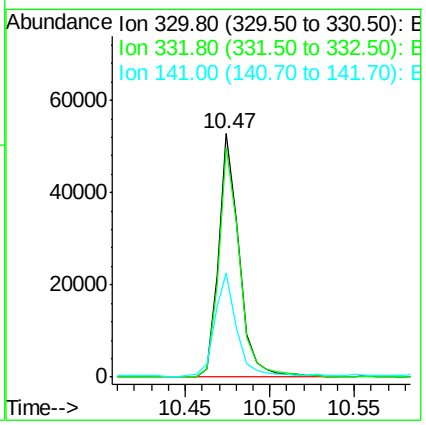


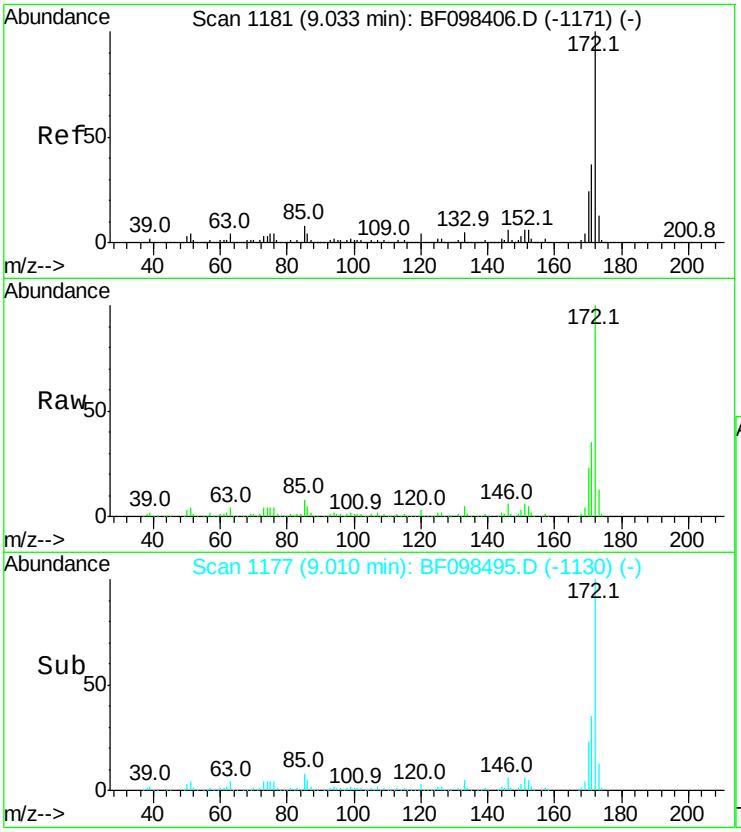


#41
2,4,6-Tribromophenol
Concen: 21.613 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:330 Resp: 45099

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	46.8	31.4	47.2



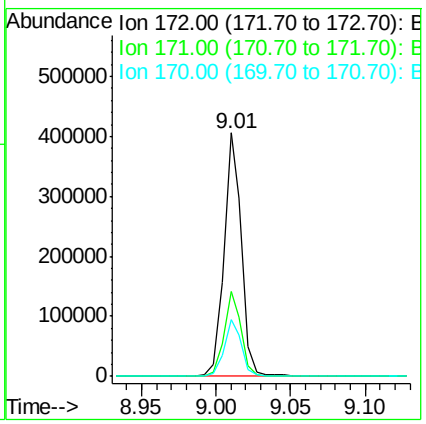


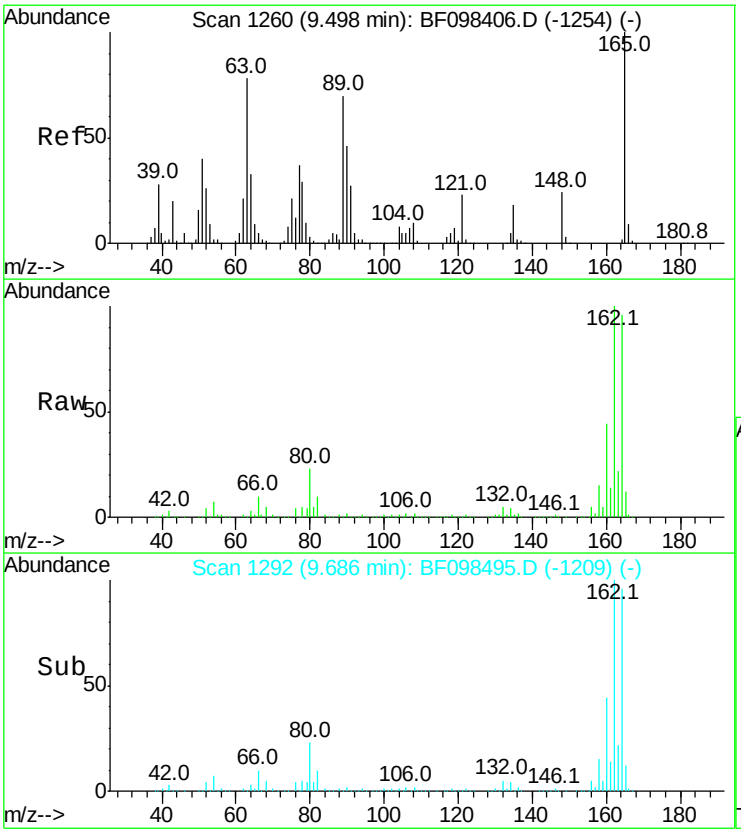
#44
2-Fluorobiphenyl
Concen: 18.190 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 335525

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.3	19.8	29.8

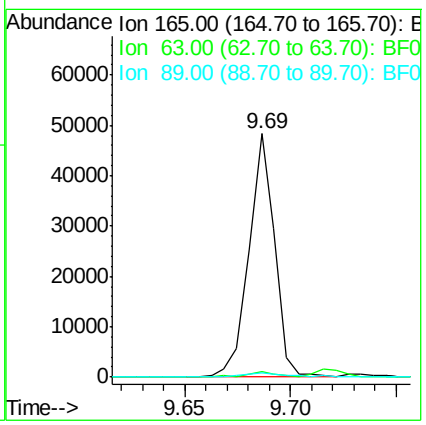


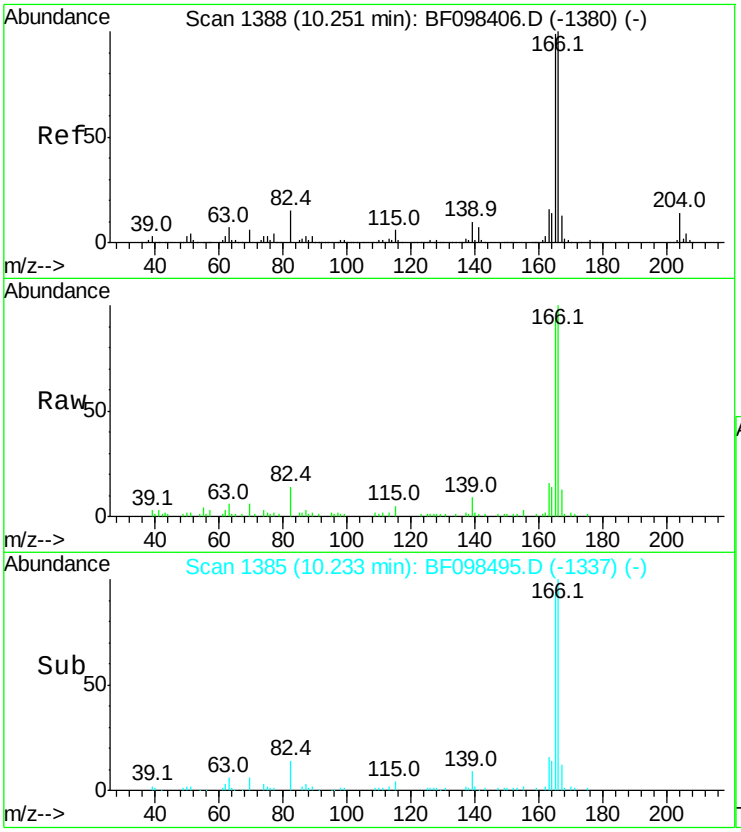


#50
2,6-Dinitrotoluene
Concen: 8.245 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:165 Resp: 40986

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.3	51.5#
89	2.0	37.1	55.7#



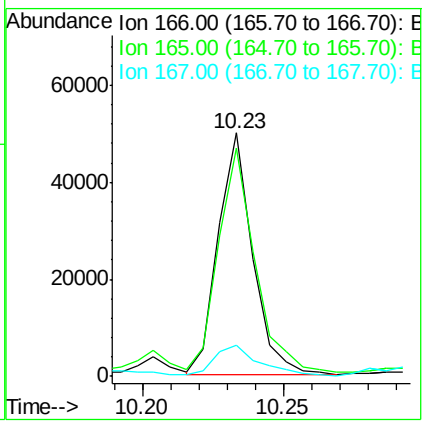


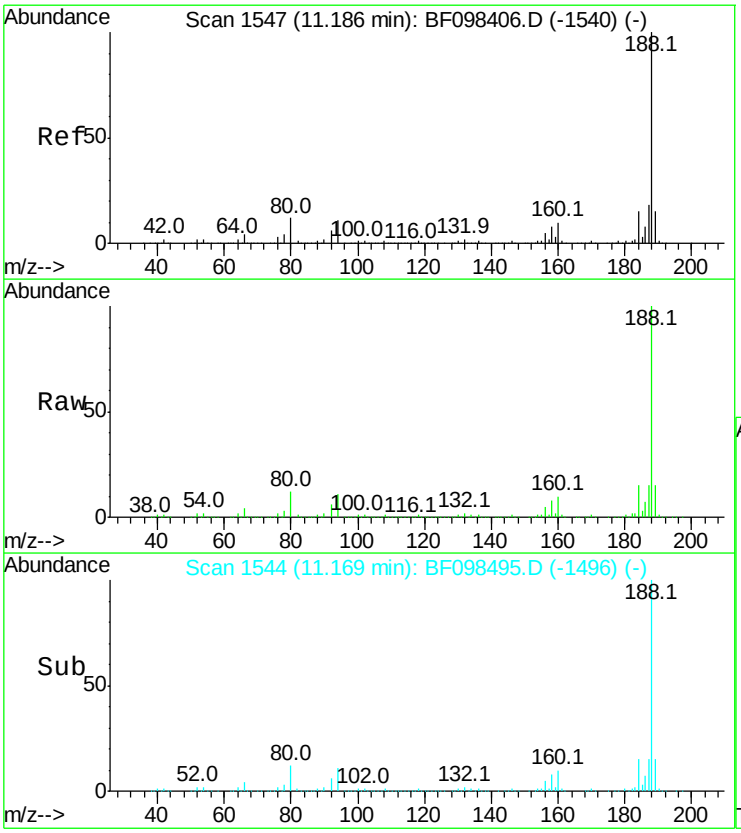
#57
Fluorene
Concen: 2.067 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 42569

Ion	Ratio	Lower	Upper
166	100		
165	94.0	78.8	118.2
167	13.0	10.6	16.0

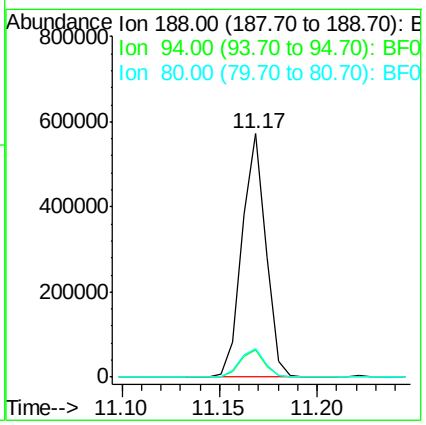


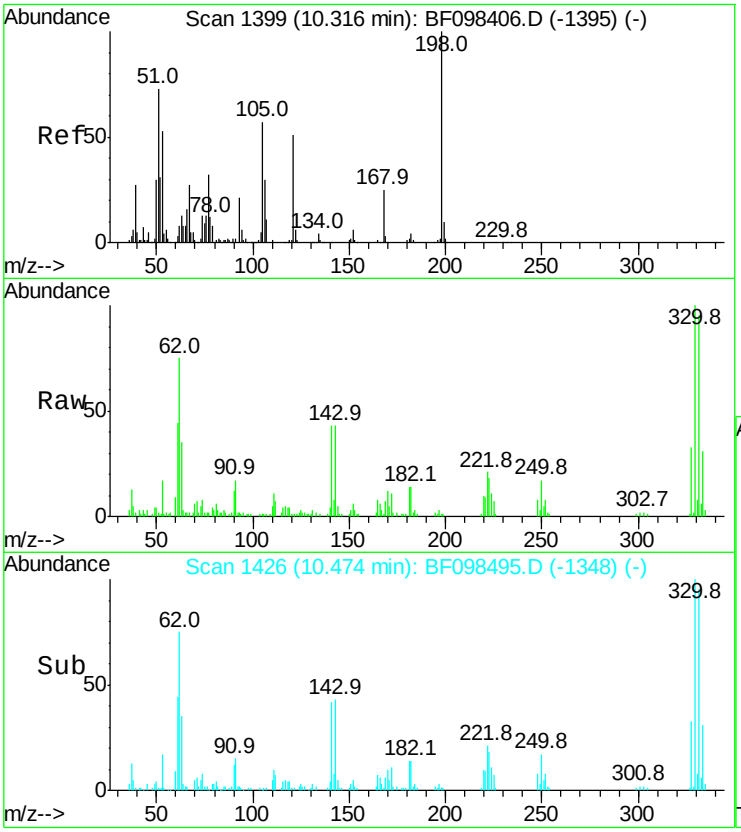


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:188 Resp: 484591

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.0	10.2	15.2



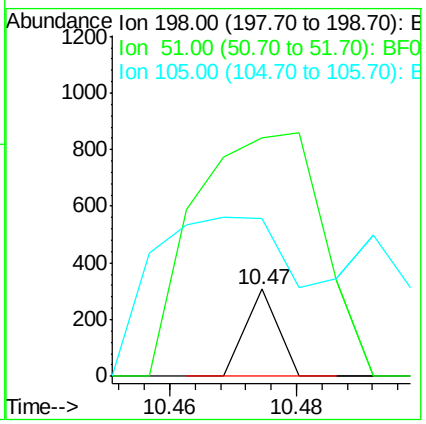


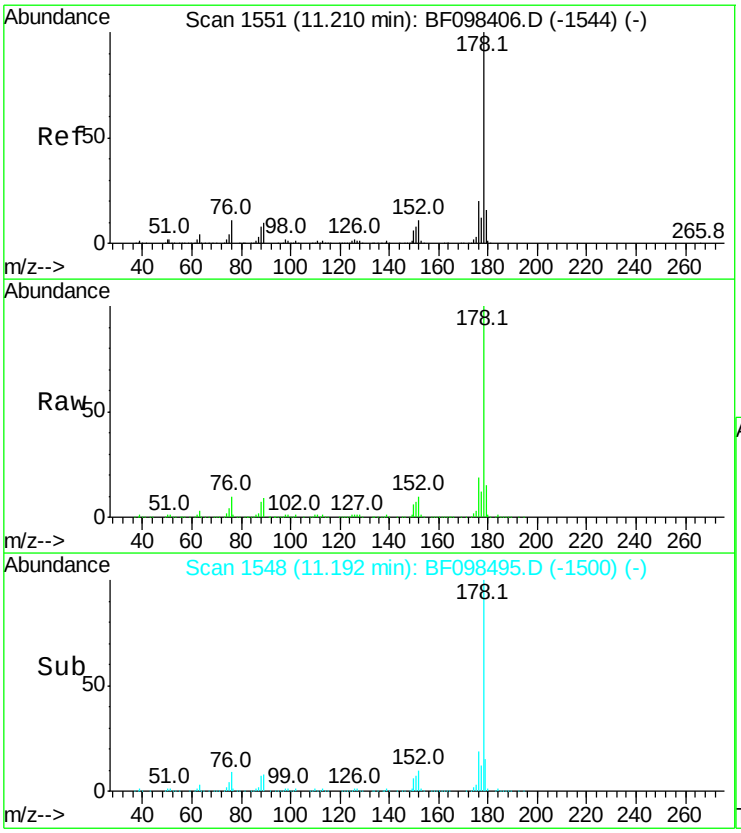
#64
4,6-Dinitro-2-methylphenol
Concen: 4.997 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.16 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	273.1	53.2	93.2#
105	180.2	45.8	85.8#

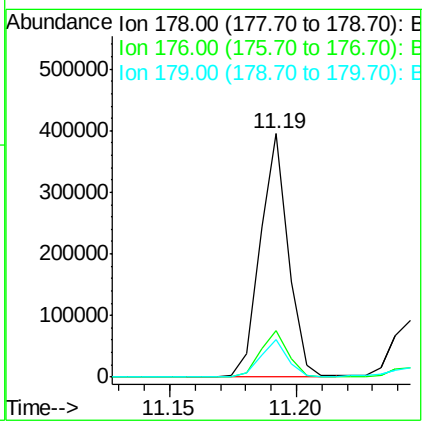


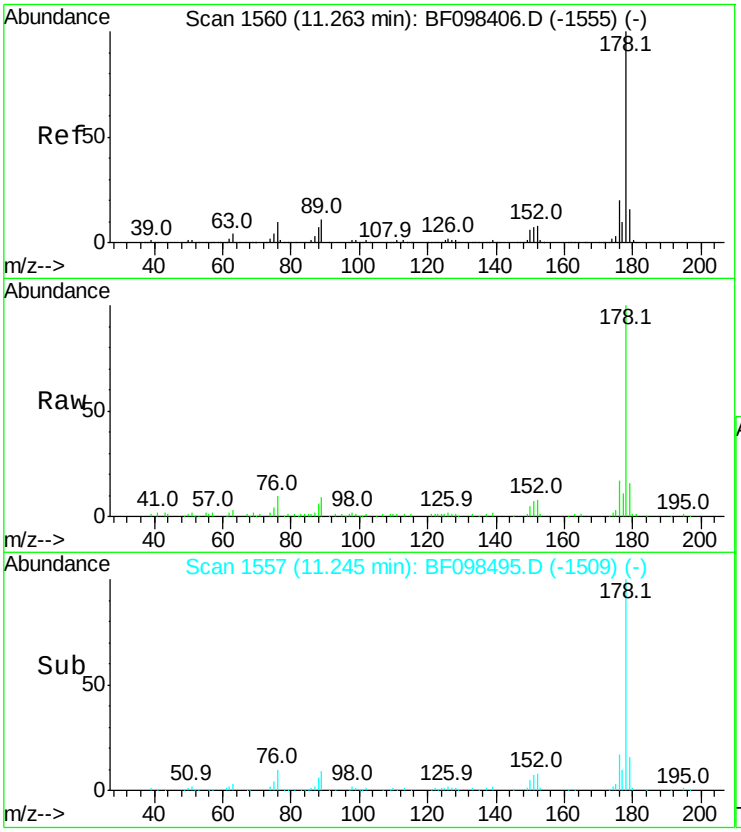


#70
Phenanthrene
Concen: 11.809 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:178 Resp: 303374

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.2	12.6	19.0



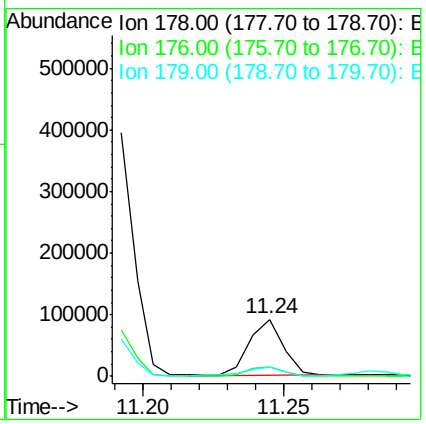


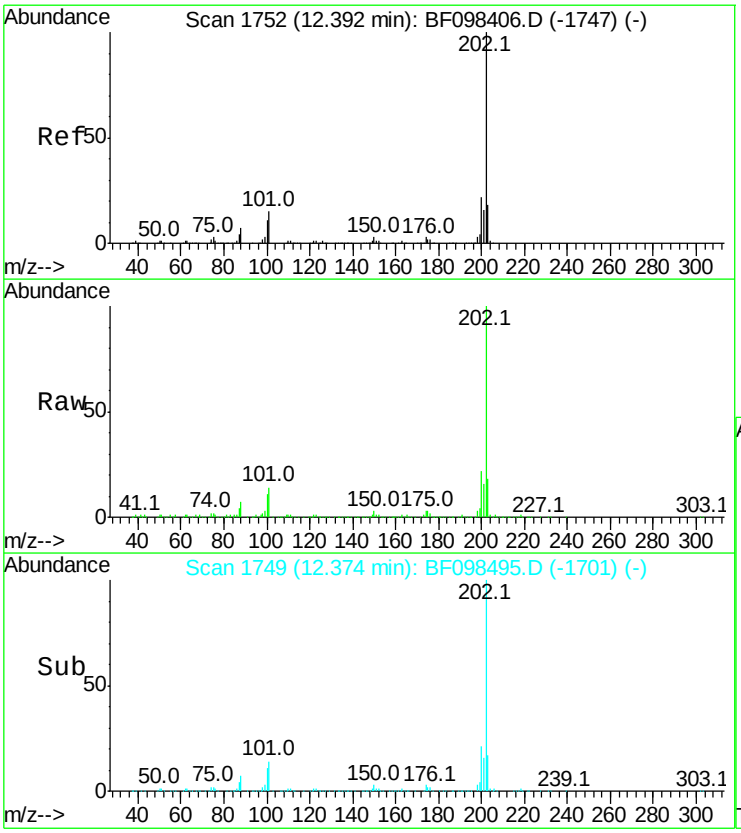
#71
Anthracene
Concen: 2.948 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 77754

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.8	23.8
179	16.1	12.7	19.1

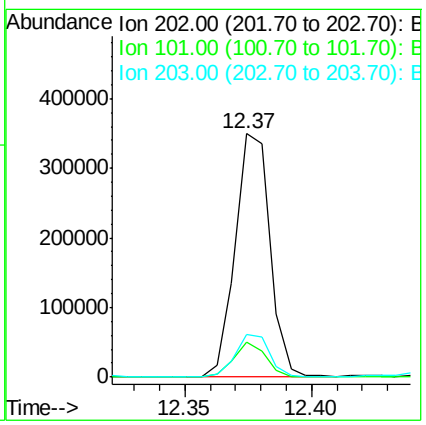


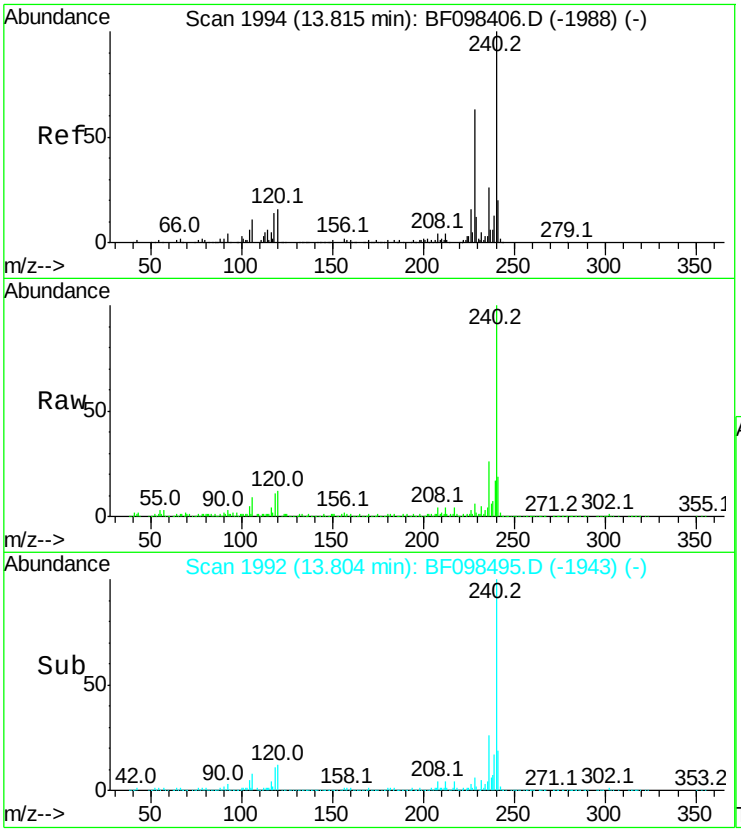


#74
Fluoranthene
Concen: 12.892 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:202 Resp: 331535

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.5	0.0	38.1



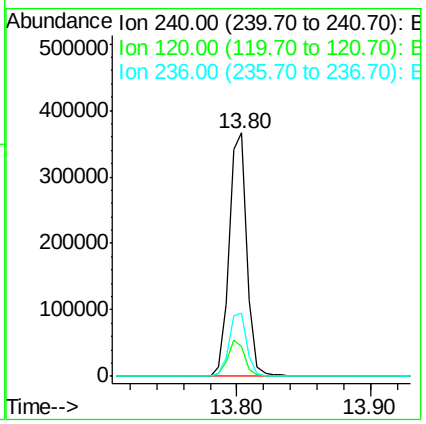


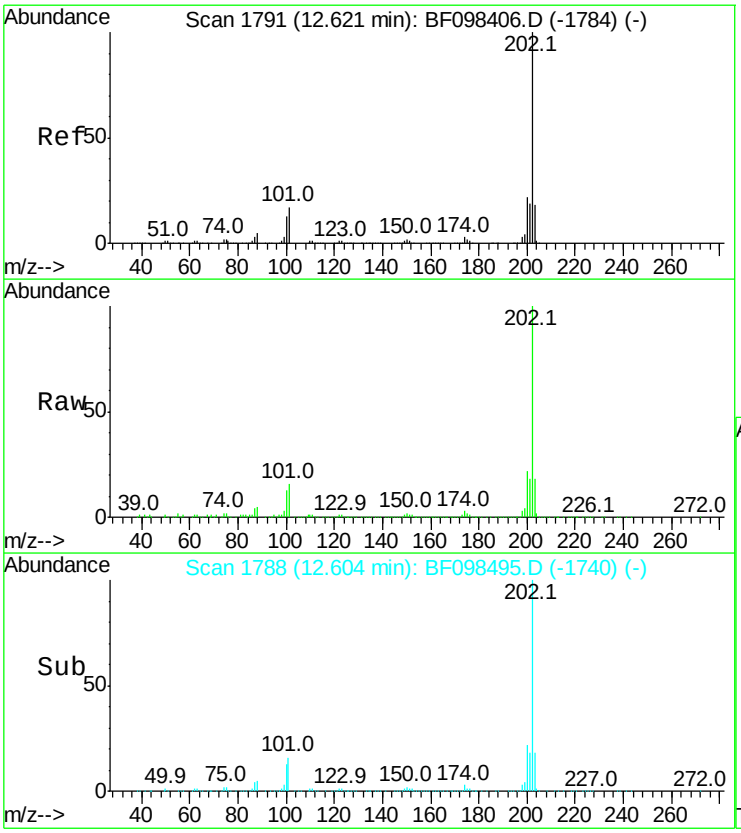
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 341284

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.8	8.8#
236	25.8	20.5	30.7

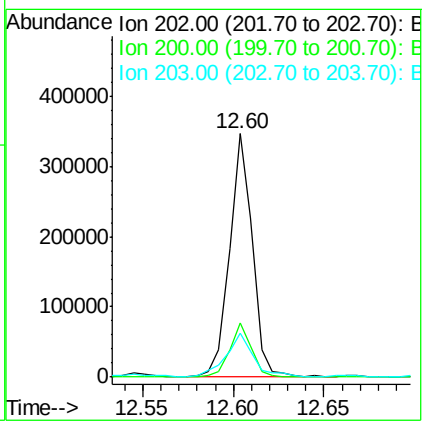


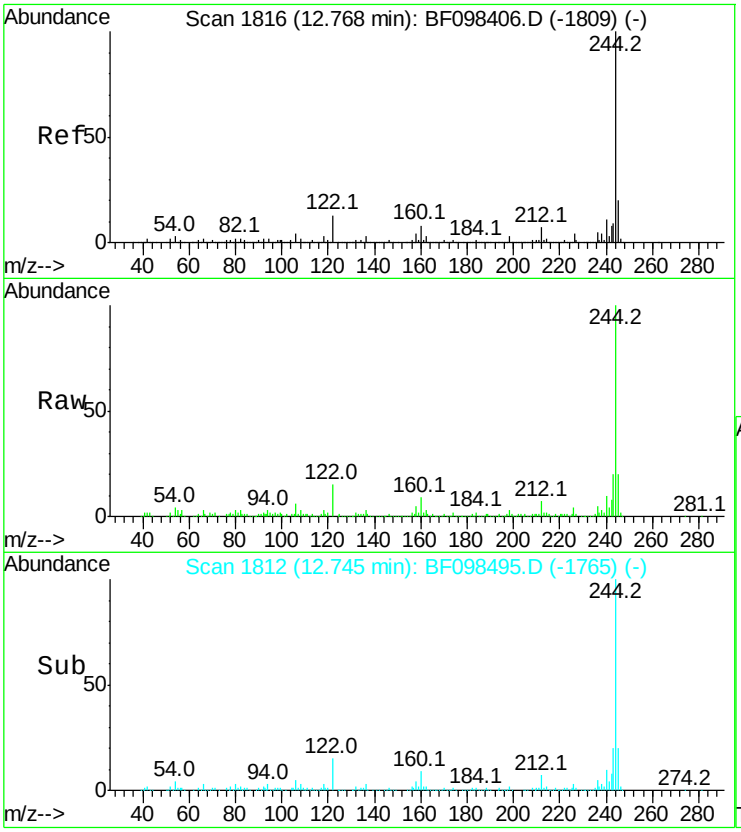


#77
Pyrene
Concen: 11.234 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:202 Resp: 302457

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.0	14.4	21.6



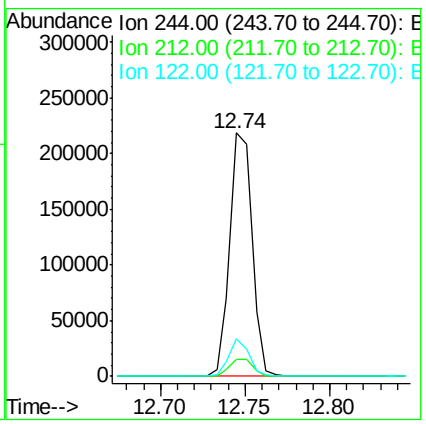


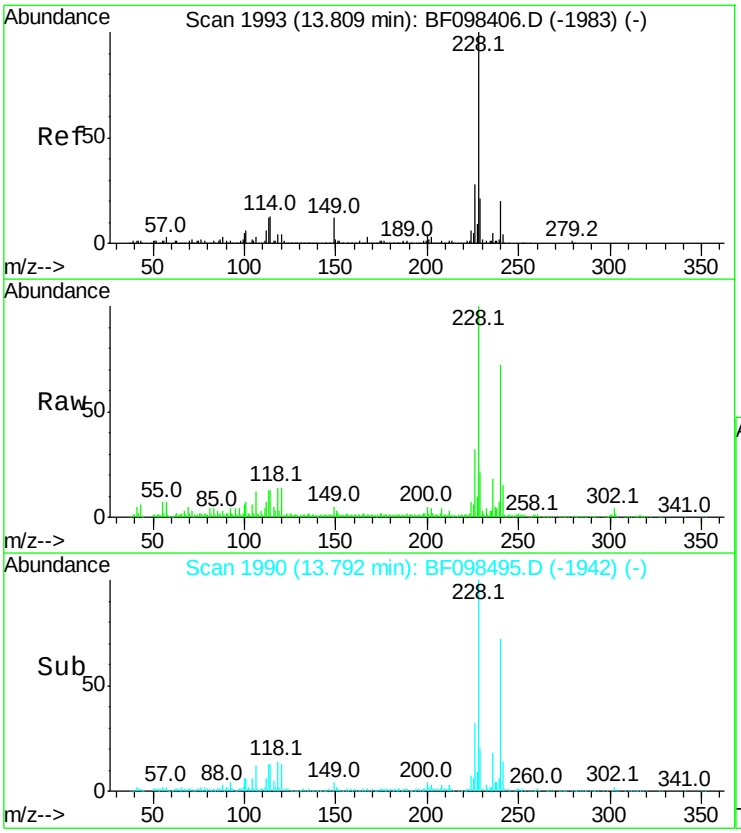
#78
Terphenyl-d14
Concen: 12.738 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 201412

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.5	10.3	15.5#

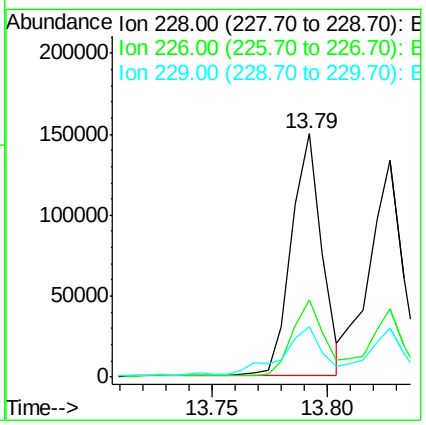


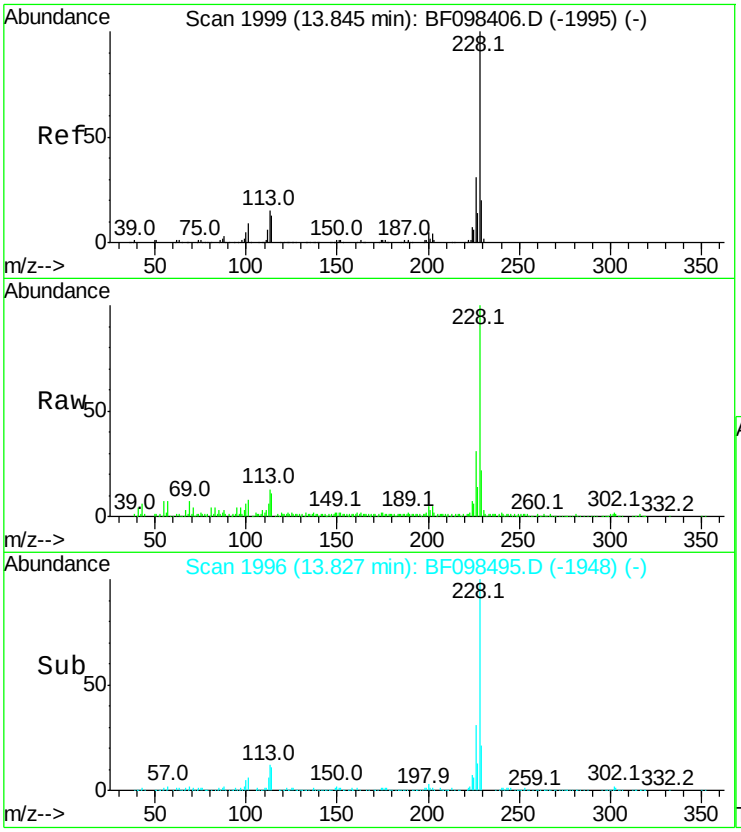


#80
Benzo(a)anthracene
Concen: 6.837 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:228 Resp: 136796

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	20.5	16.3	24.5



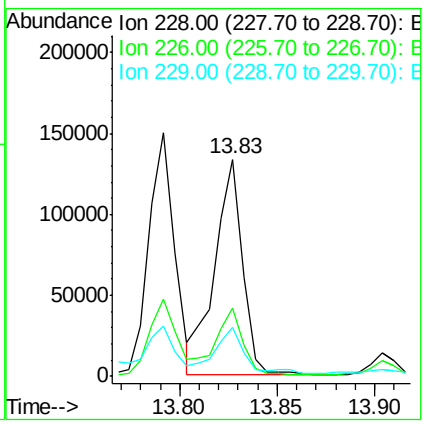


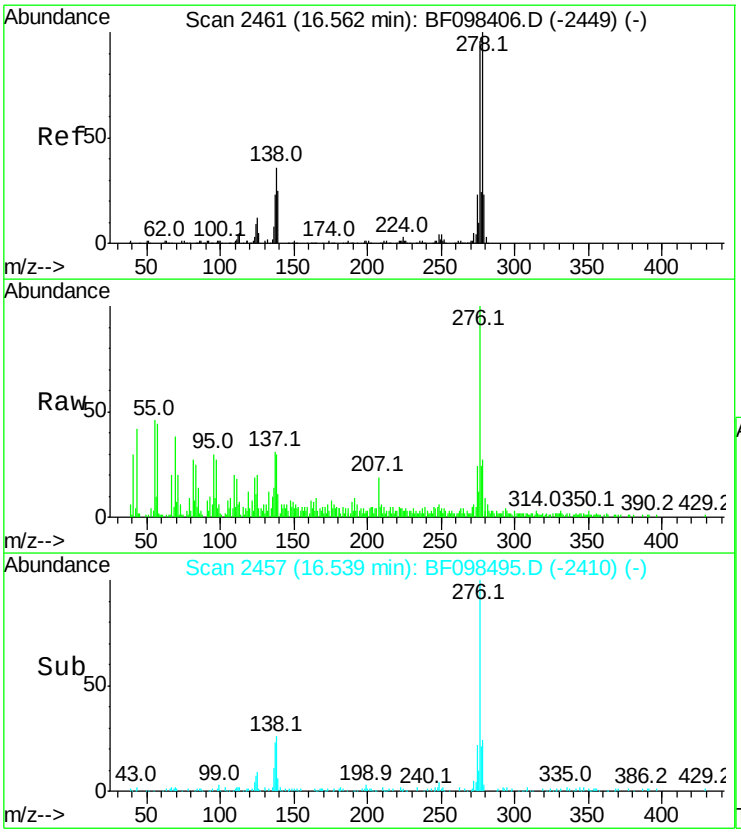
#82
Chrysene
Concen: 6.556 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 132604

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.3	15.8	23.6

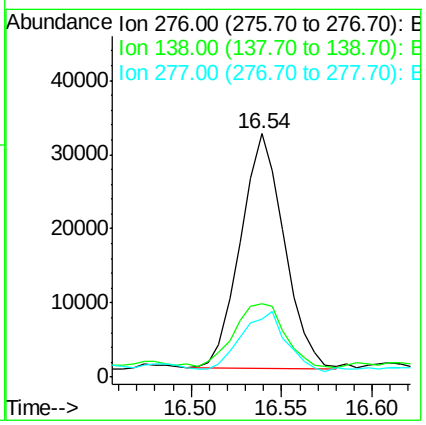


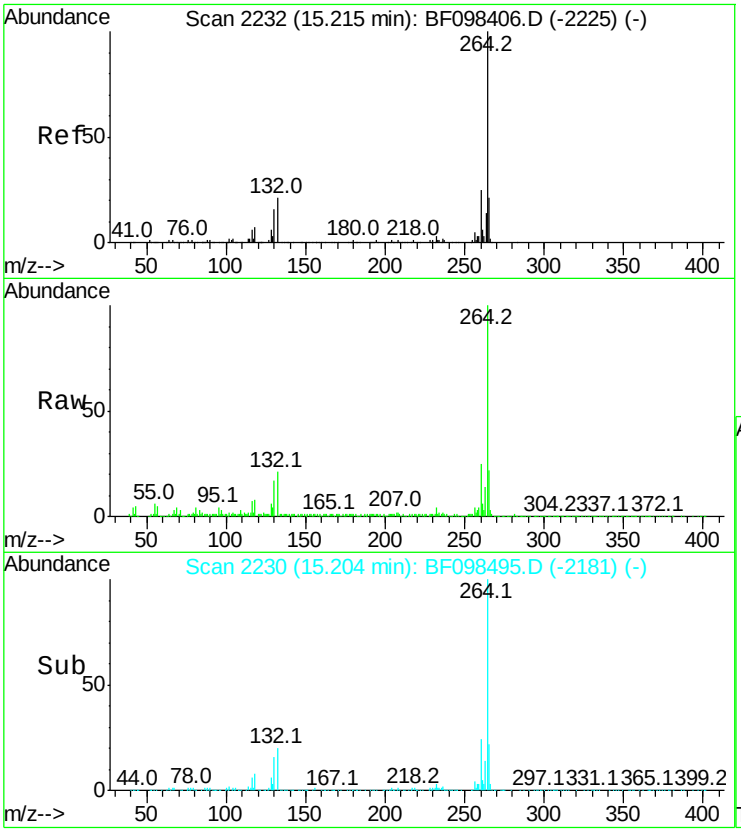


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.747 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:276 Resp: 53174

Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	26.2	20.2	30.4



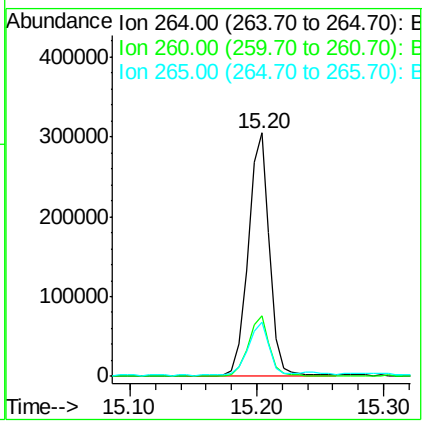


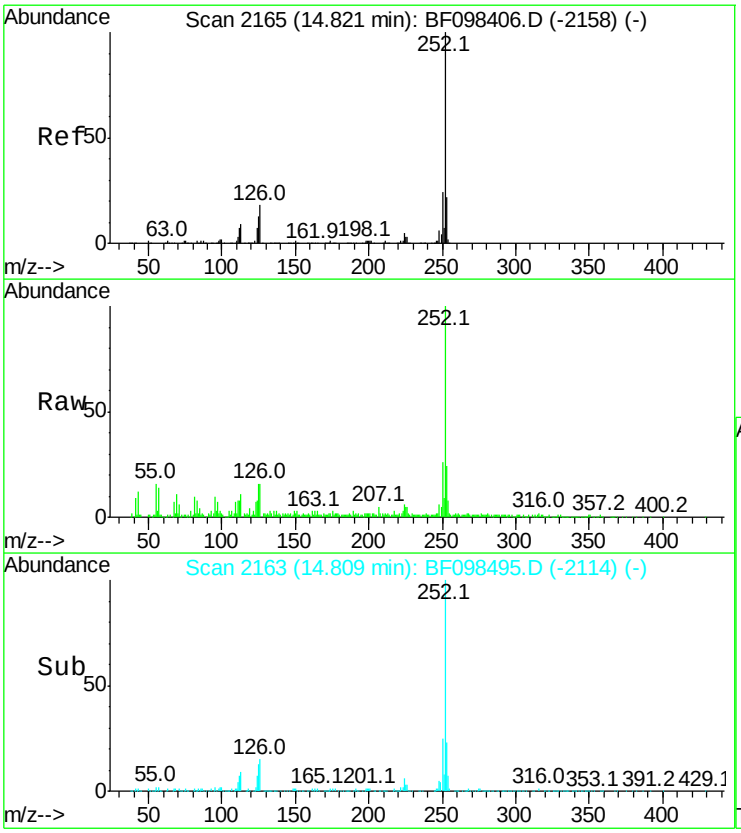
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 353780

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	17.2	25.8

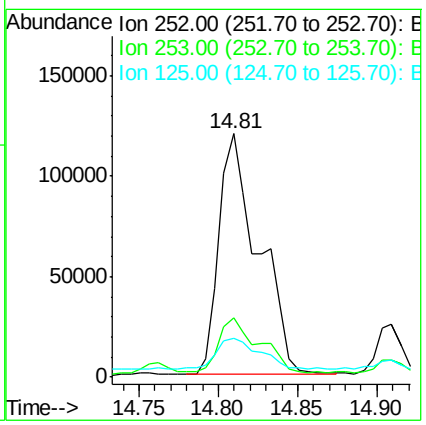


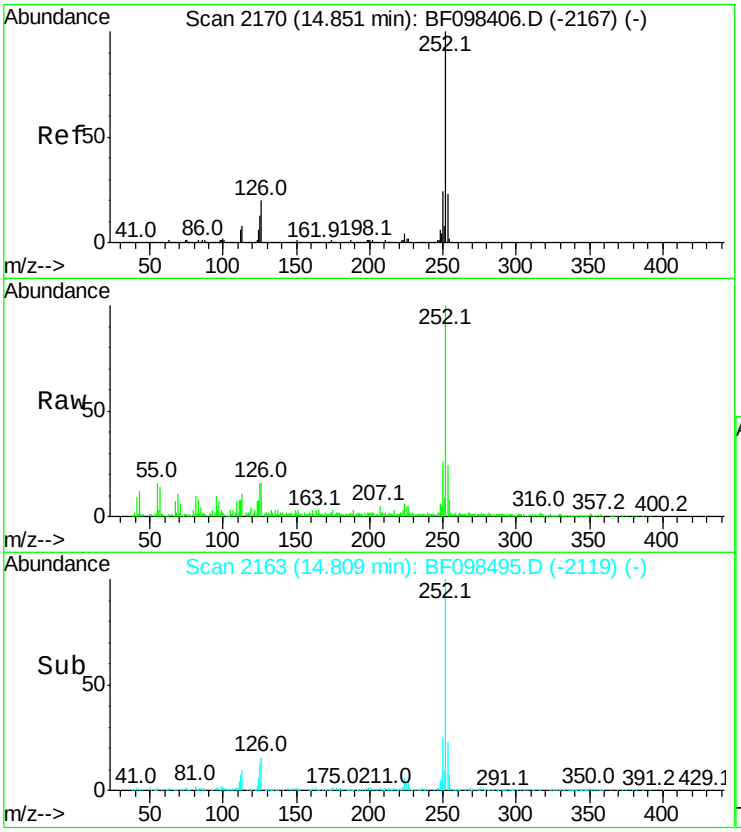


#87
Benzo(b)fluoranthene
Concen: 9.425 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:252 Resp: 209655

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	15.8	9.8	14.8#



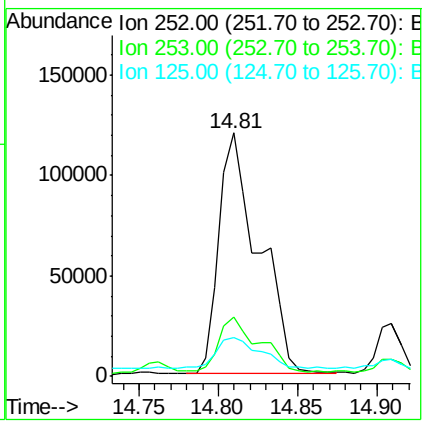


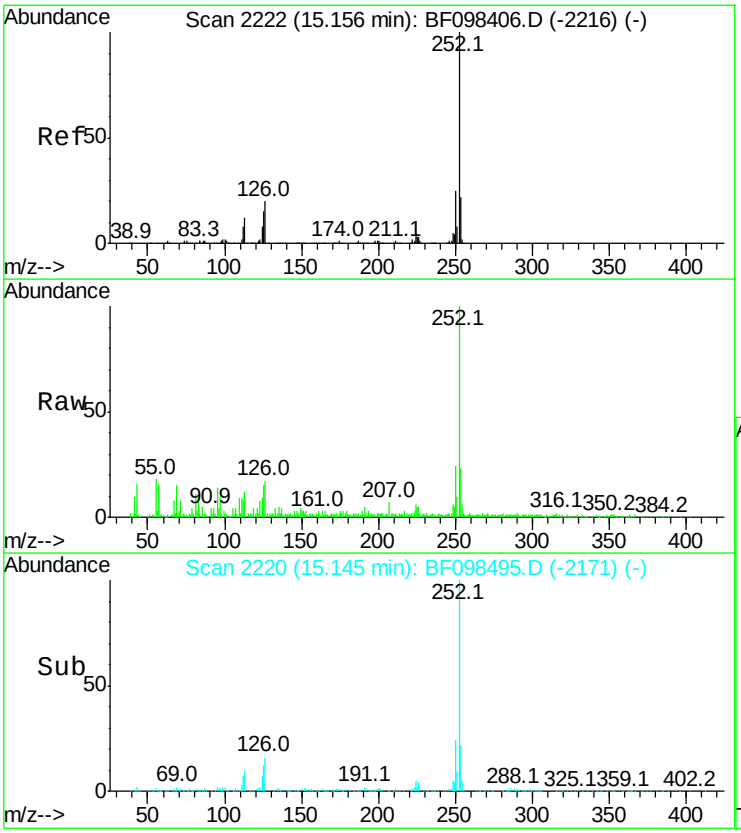
#88
Benzo(k)fluoranthene
Concen: 10.096 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 209655

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	15.8	13.1	19.7

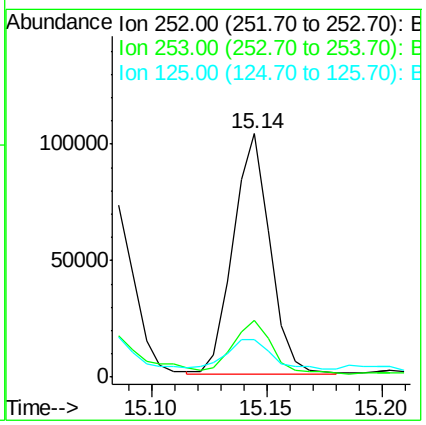


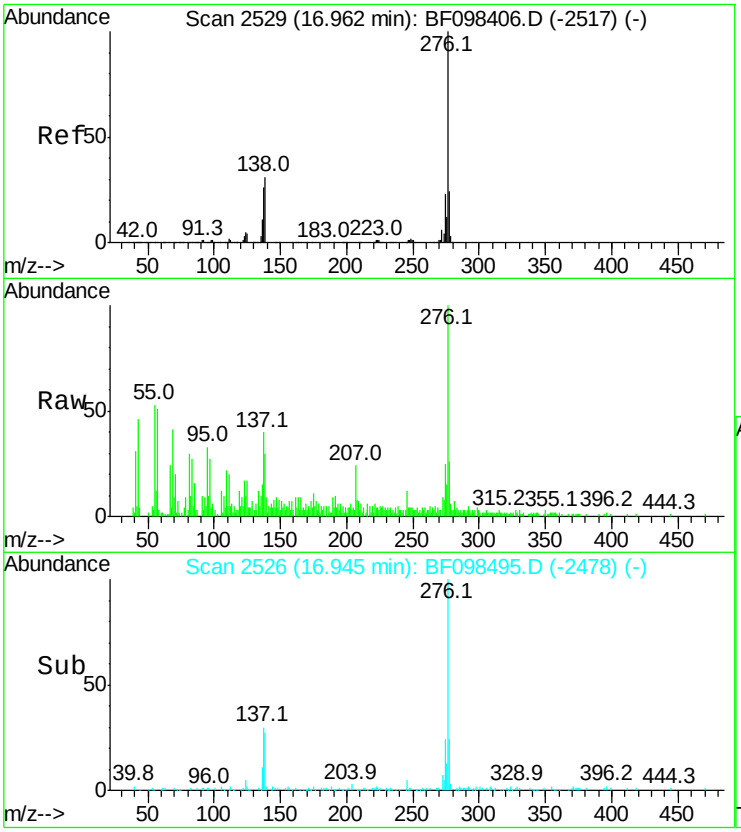


#89
Benzo(a)pyrene
Concen: 5.799 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Tgt Ion:252 Resp: 114925

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	15.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.670 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF098495.D
Acq: 13 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 53218

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	30.1	25.4	38.0