Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101317\
Data File : BF099442.D
Acq On : 13 Oct 2017 16:30
Operator : SJ/JU
Sample : I5780-05 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 17:37:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97146	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	379356	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	149495	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	216872	20.00	ng		0.00
75) Chrysene-d12	14.02	240	182862	20.00	ng		0.00
86) Perylene-d12	15.49	264	215291	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	67678	11.09	ng		0.00
7) Phenol-d6	6.48	99	79813	10.60	ng		0.00
23) Nitrobenzene-d5	7.42	82	44923	7.59	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	10235	8.37	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	77367	8.64	ng		0.00
78) Terphenyl-d14	12.95	244	43845	5.45	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.42	82	44923	3.673	ng	#	64
50) 2,6-Dinitrotoluene	9.89	165	19276	7.847	ng	#	25
55) 4-Nitrophenol	10.09	139	5829	2.407	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	19276	6.047	ng	#	22
70) Phenanthrene	11.40	178	217688	18.752	ng		98
71) Anthracene	11.45	178	53324	4.489	ng		99
74) Fluoranthene	12.59	202	326039	27.736	ng		97
77) Pyrene	12.82	202	300846	21.575	ng		99
80) Benzo(a)anthracene	14.00	228	161031	14.543	ng		99
82) Chrysene	14.04	228	149372	14.170	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	94339	11.187	ng		99
87) Benzo(b)fluoranthene	15.06	252	270352	20.424	ng	#	97
88) Benzo(k)fluoranthene	15.06	252	270352	20.678	ng		97
89) Benzo(a)pyrene	15.43	252	149886	12.336	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	25154	2.587	ng	#	86
91) Benzo(g,h,i)perylene	17.42	276	92221	9.594	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\BF101317\
Data File : BF099442.D
Acq On : 13 Oct 2017 16:30
Operator : SJ/JU
Sample : I5780-05 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 13 17:37:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
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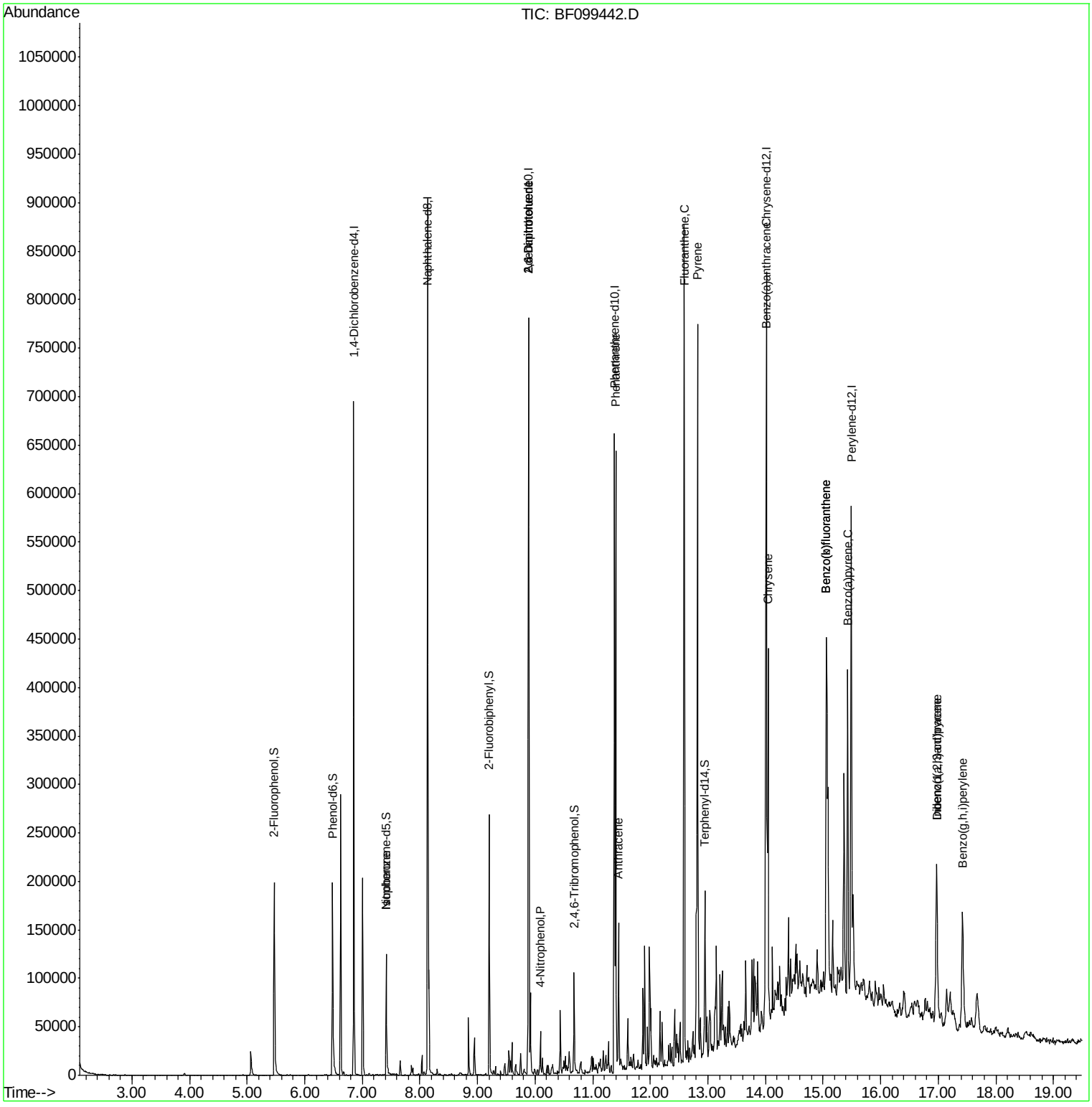
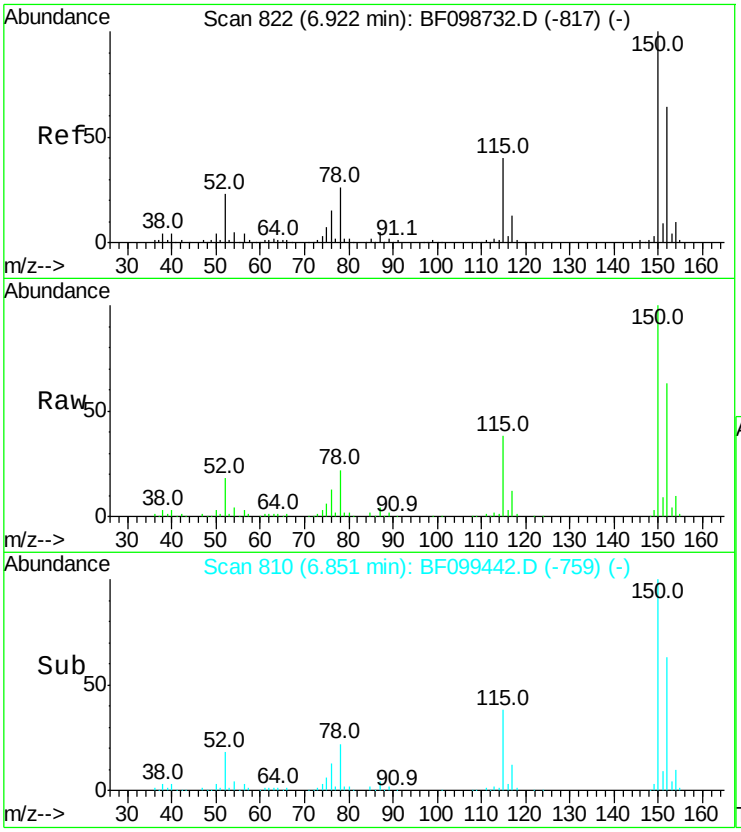


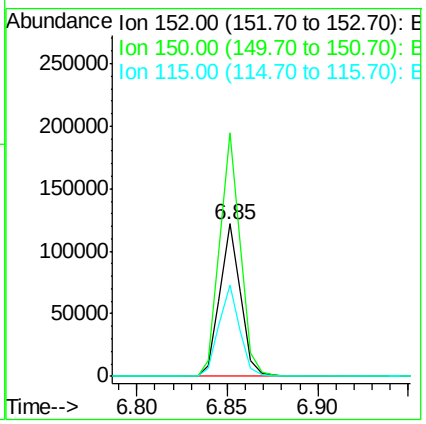


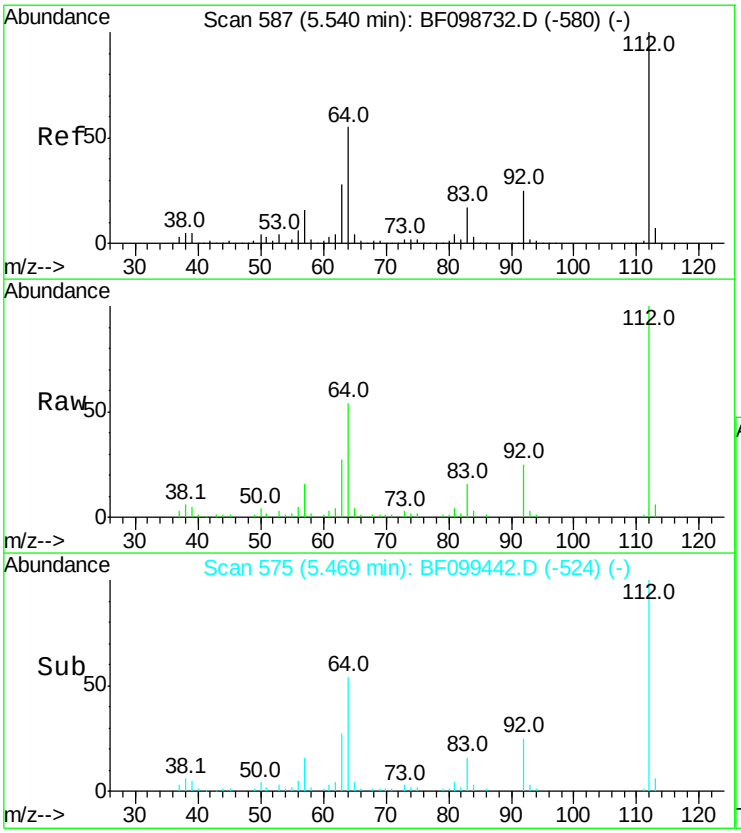
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97146

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	60.1	50.1	75.1

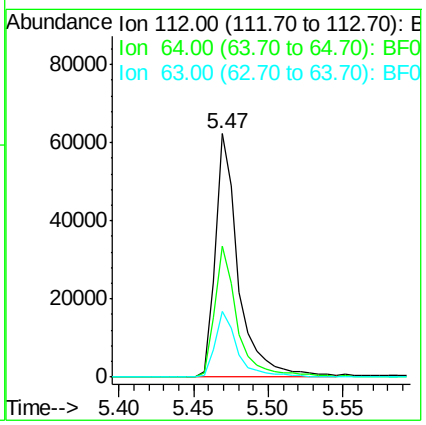


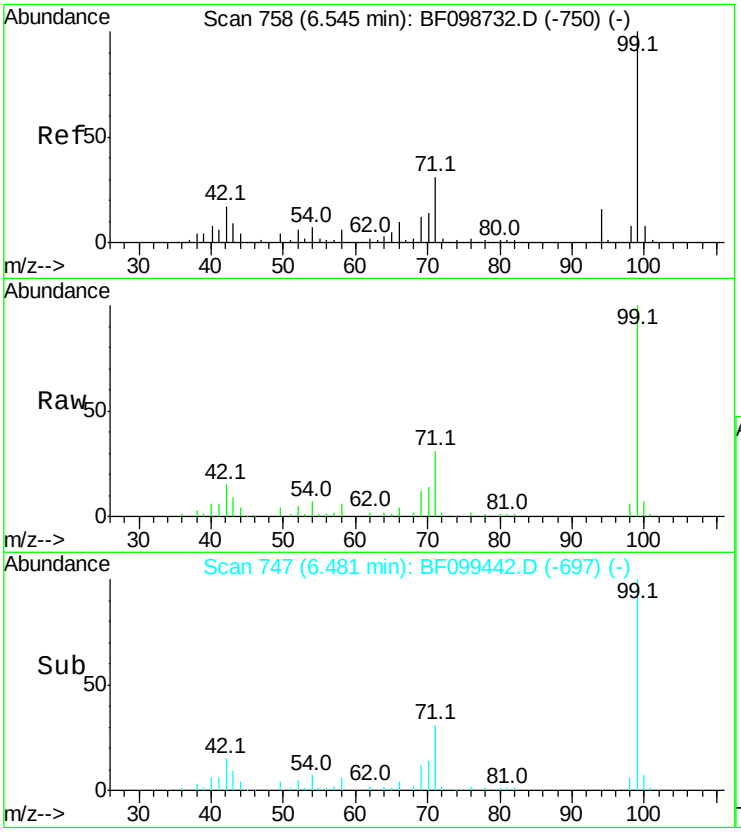


#5
2-Fluorophenol
Concen: 11.090 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:112 Resp: 67678

Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.8	23.7	35.5



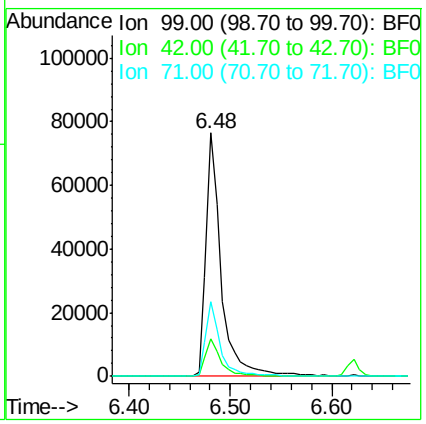


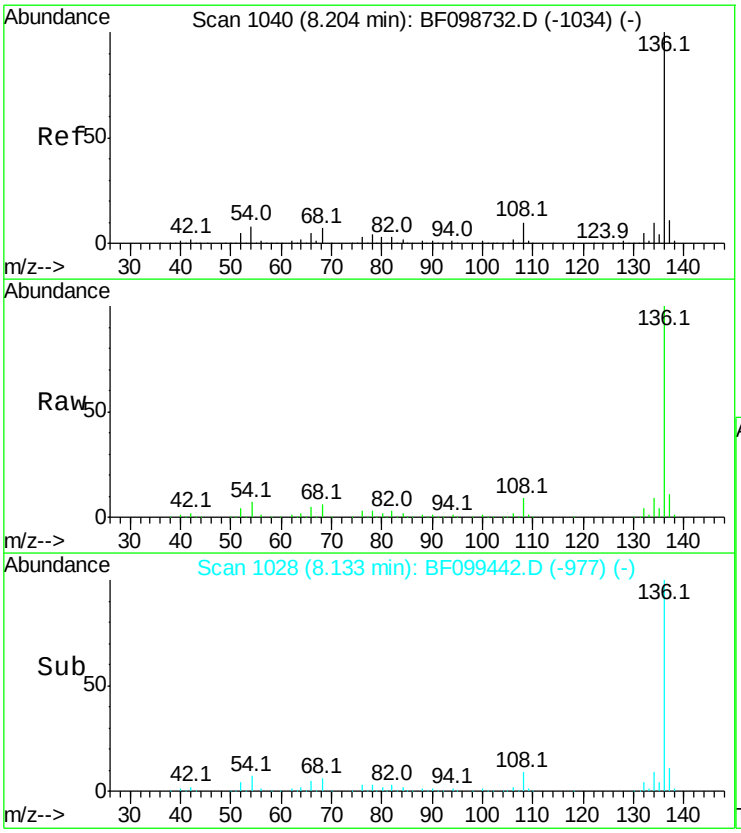
#7
Phenol-d6
Concen: 10.602 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 79813

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	30.7	25.4	38.0

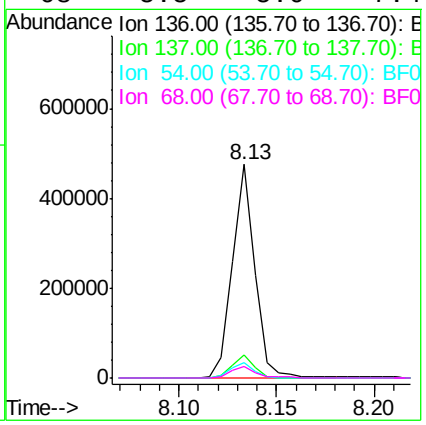


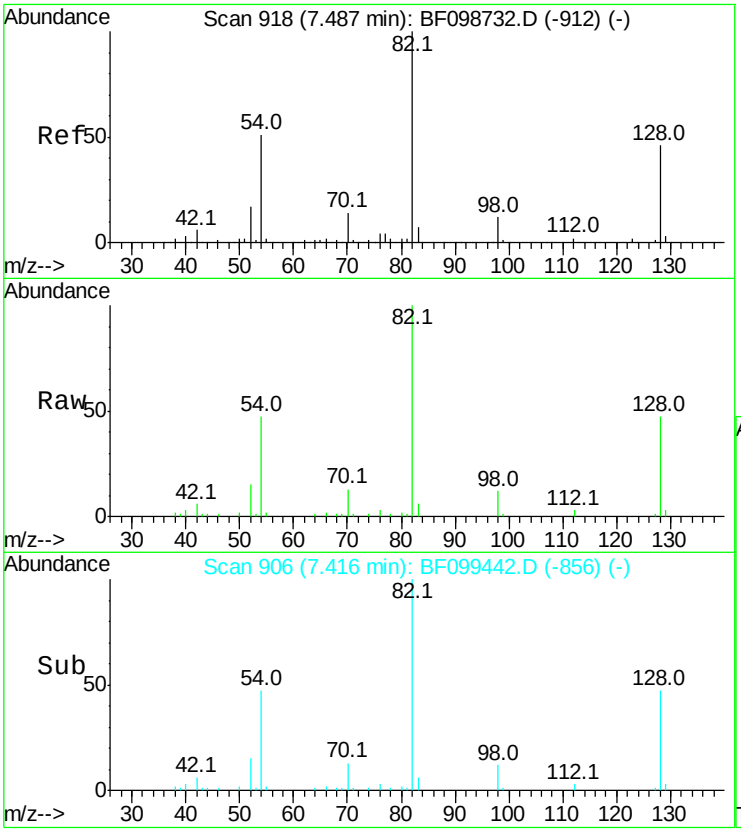


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:136 Resp: 379356

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	5.5	5.0	7.4



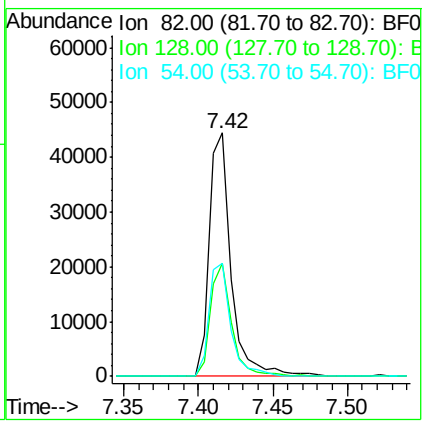


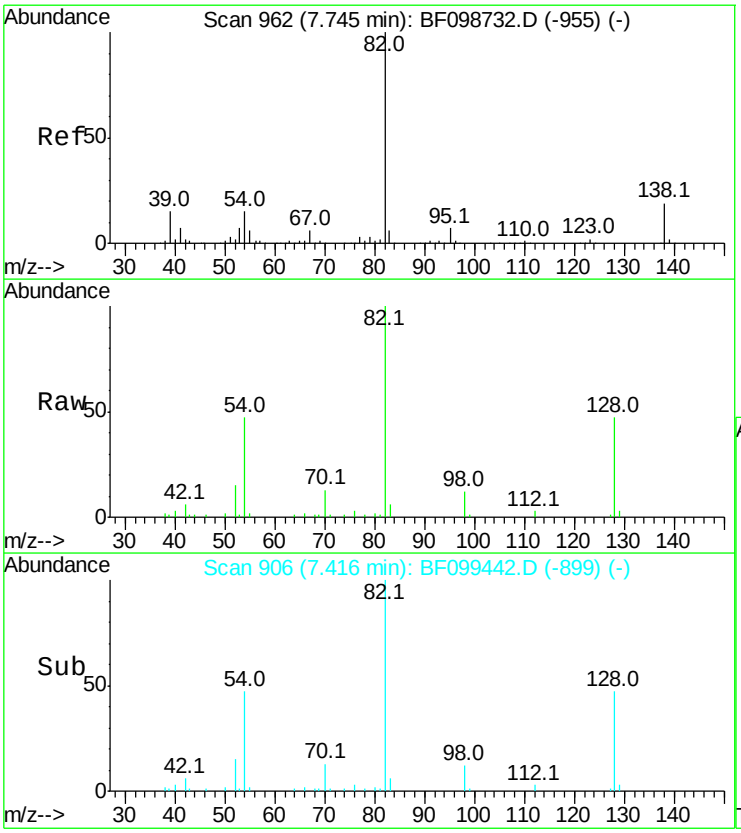
#23
Nitrobenzene-d5
Concen: 7.594 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 44923

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	46.6	41.4	62.2

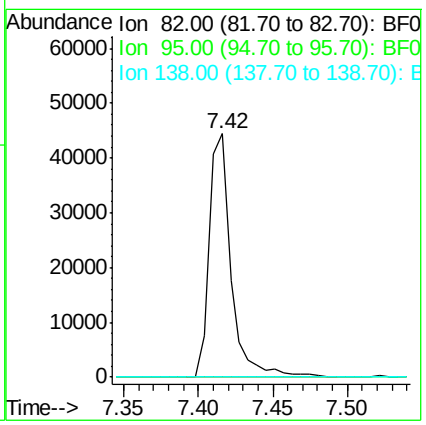


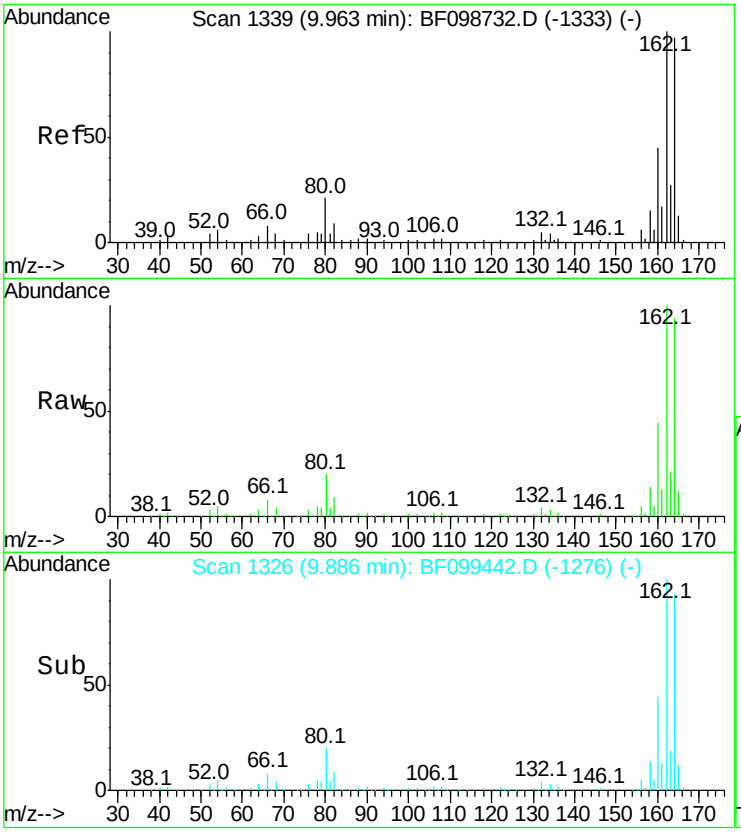


#25
Isophorone
Concen: 3.673 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion: 82 Resp: 44923

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



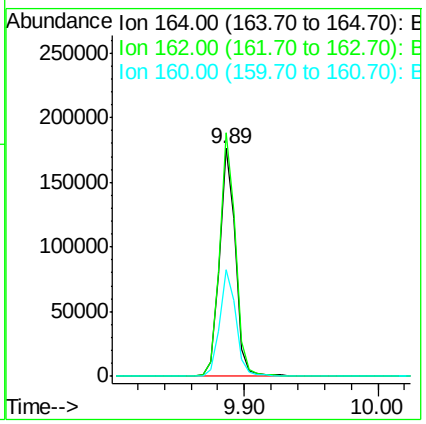


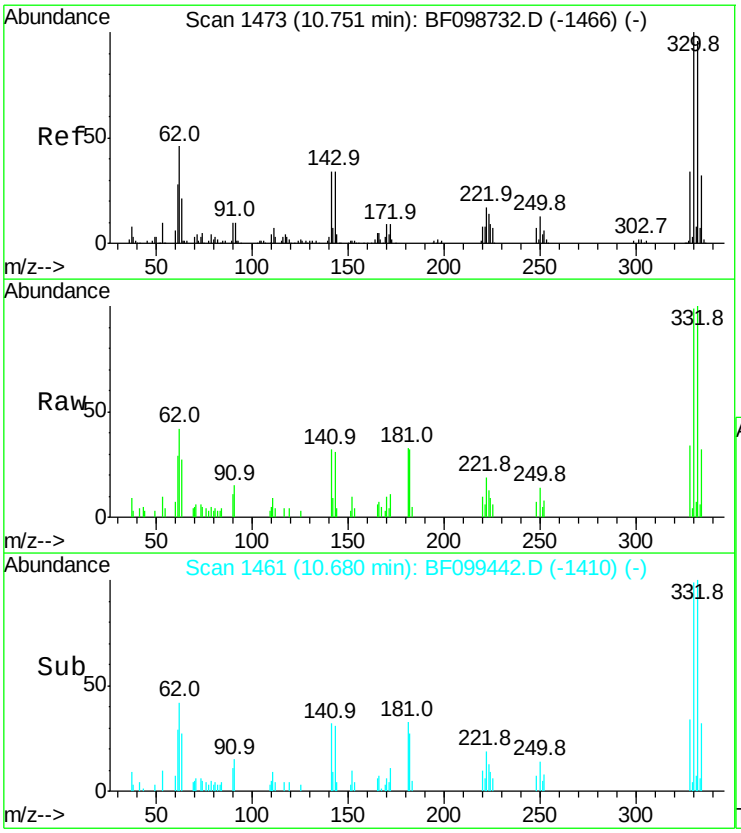
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 149495

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.6	38.3	57.5

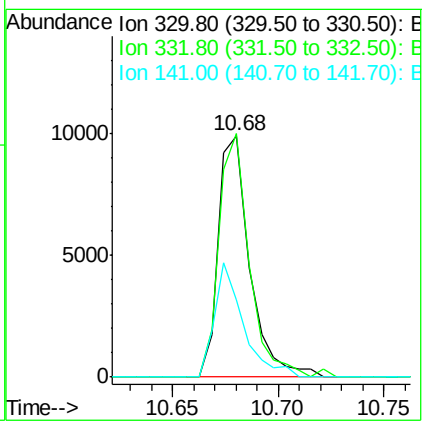


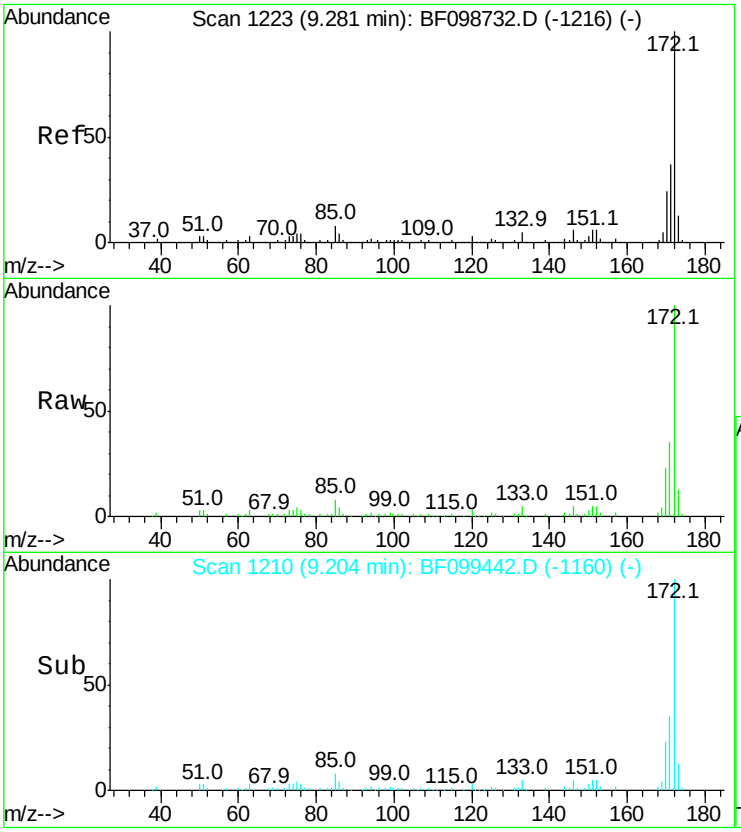


#41
2,4,6-Tribromophenol
Concen: 8.367 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:330 Resp: 10235

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	43.7	29.9	44.9



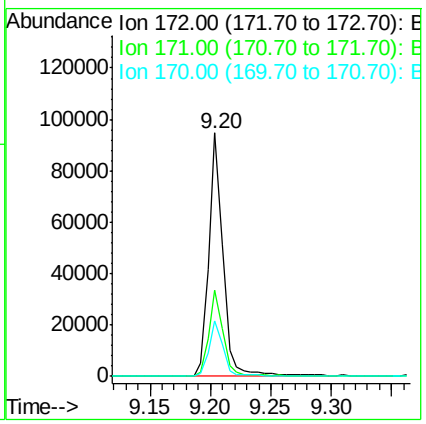


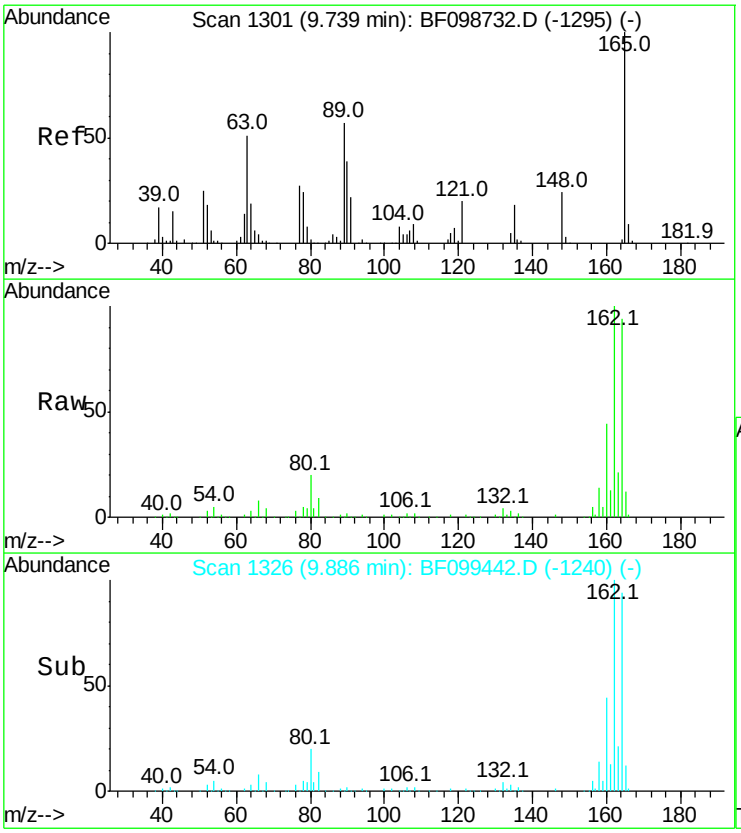
#44
2-Fluorobiphenyl
Concen: 8.640 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 77367

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.7	19.6	29.4

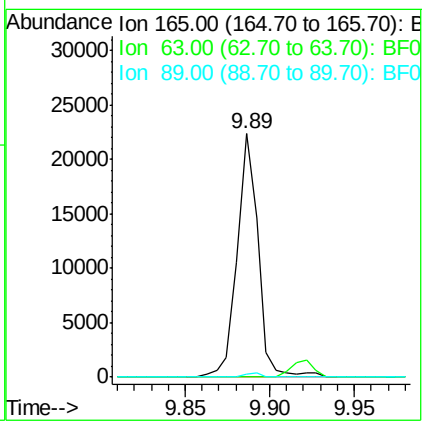


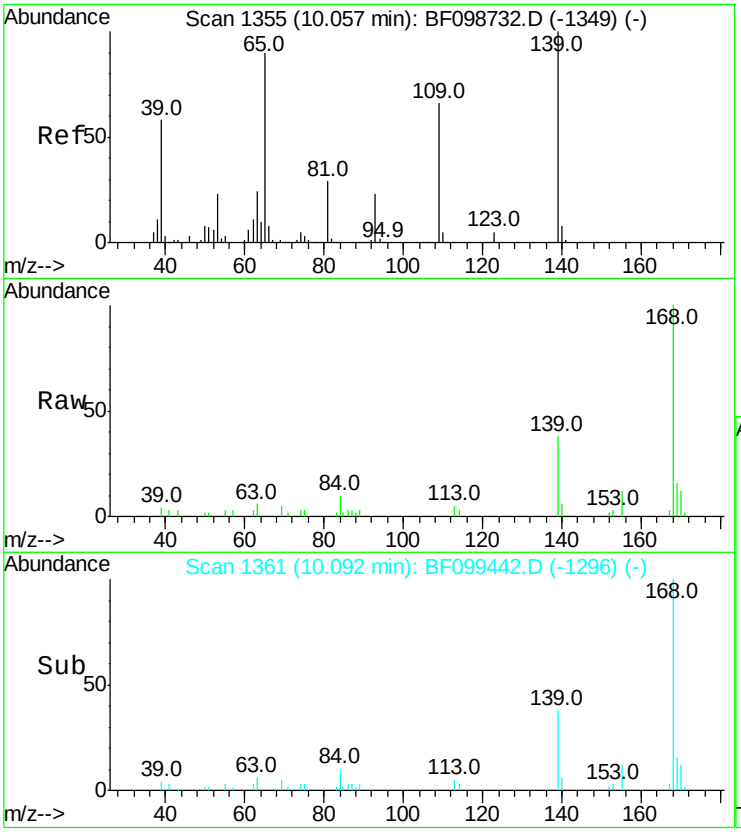


#50
2,6-Dinitrotoluene
Concen: 7.847 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:165 Resp: 19276

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



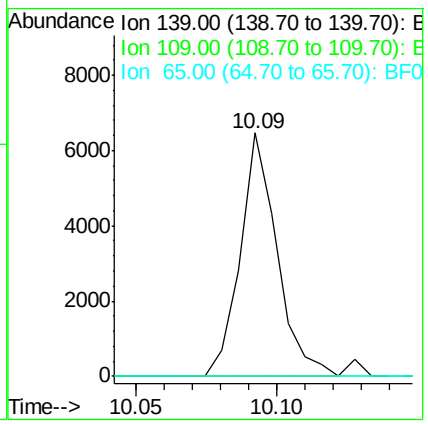


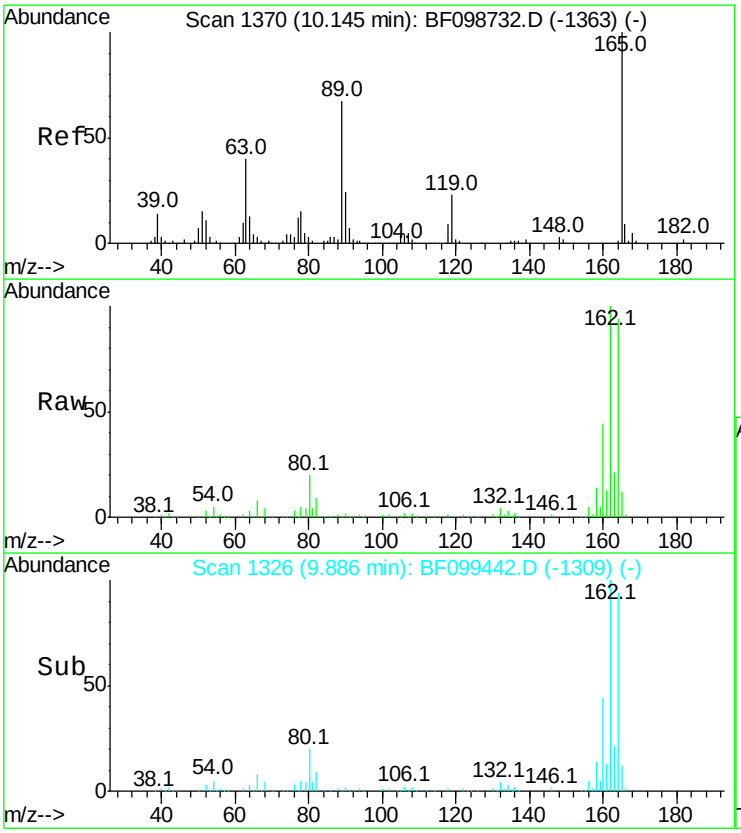
#55
4-Nitrophenol
Concen: 2.407 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5829

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

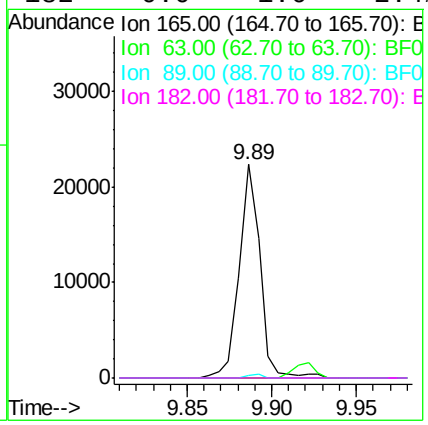


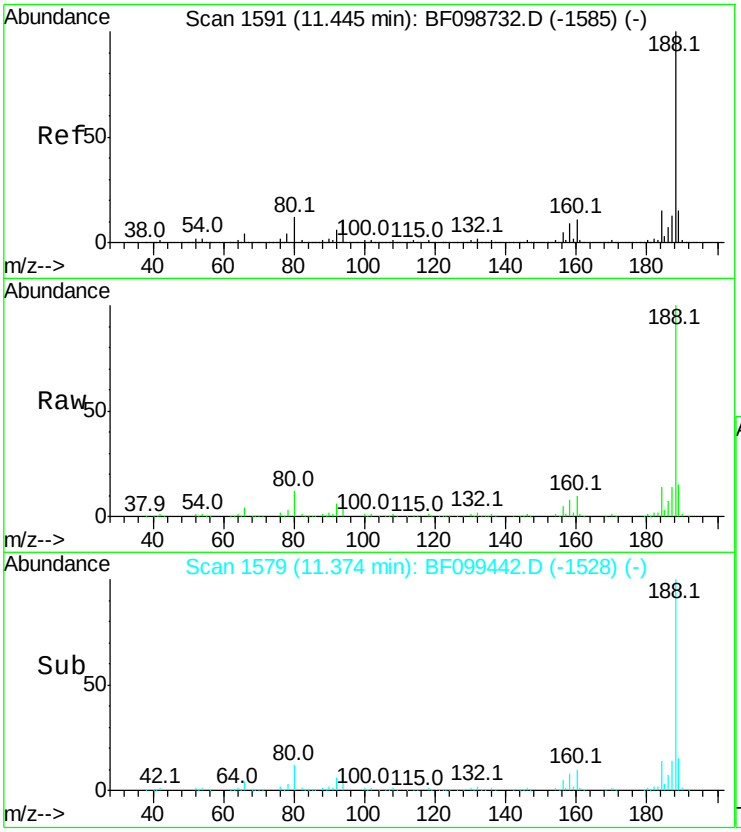


#56
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:165 Resp: 19276

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



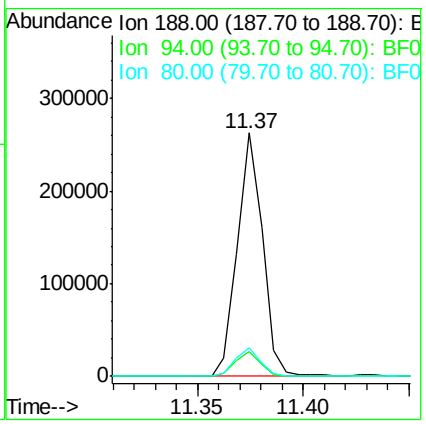


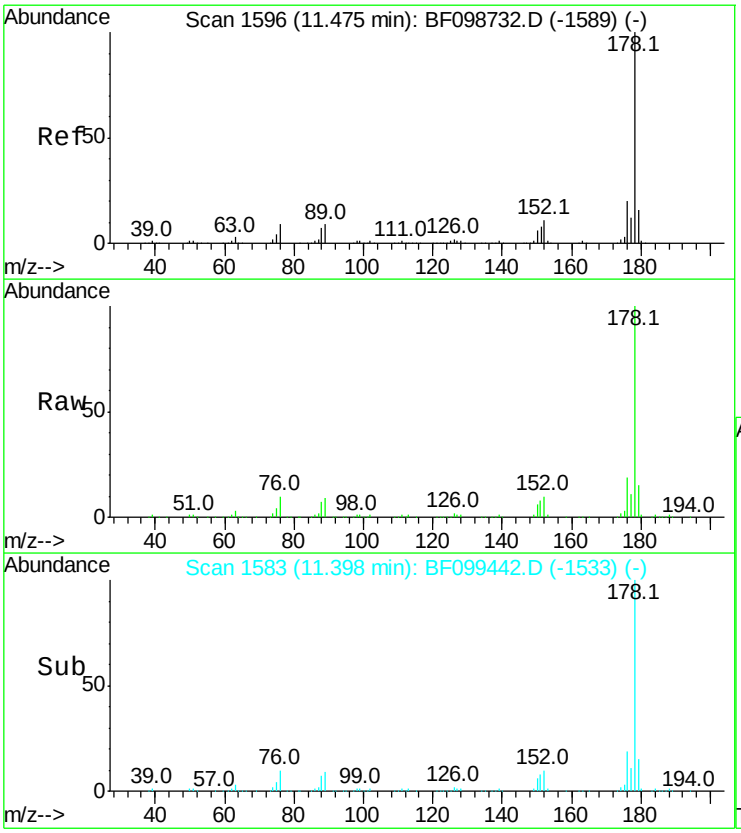
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 216872

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.6	9.2	13.8

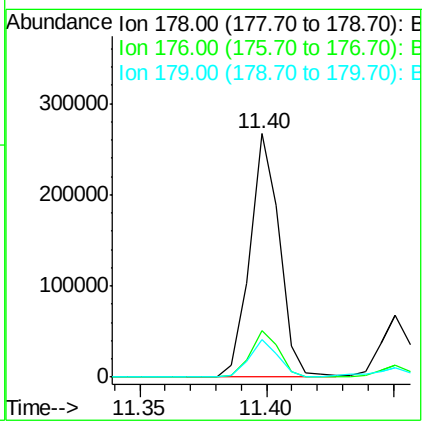


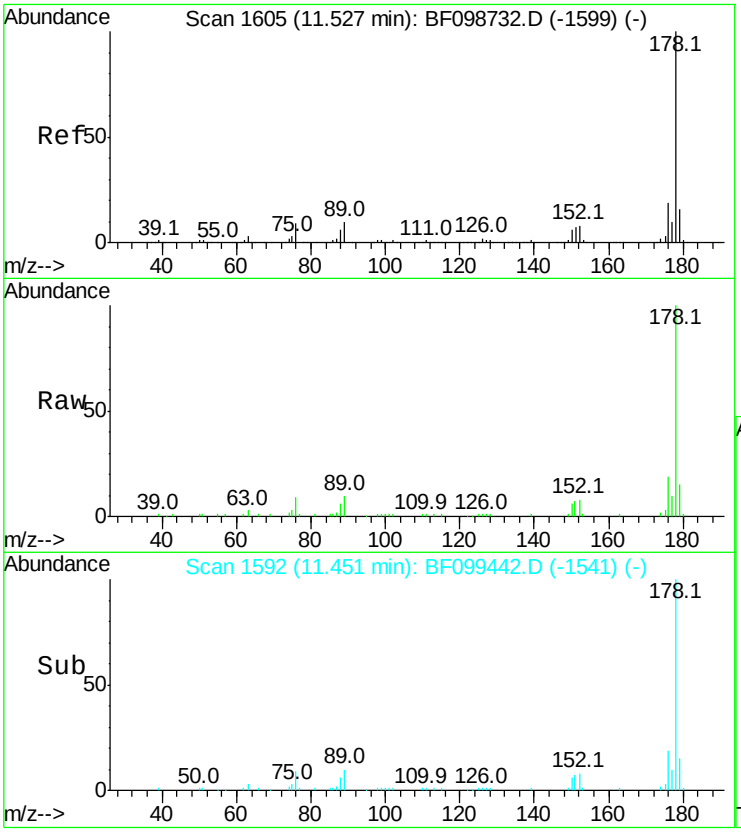


#70
Phenanthrene
Concen: 18.752 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:178 Resp: 217688

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	13.0	19.6



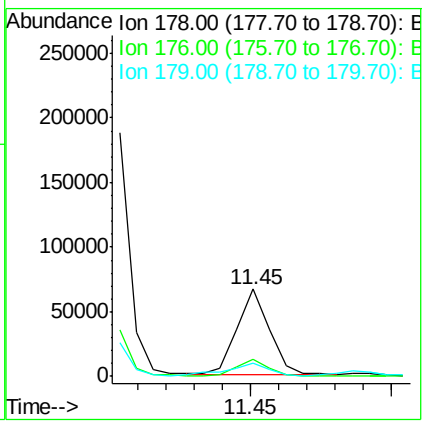


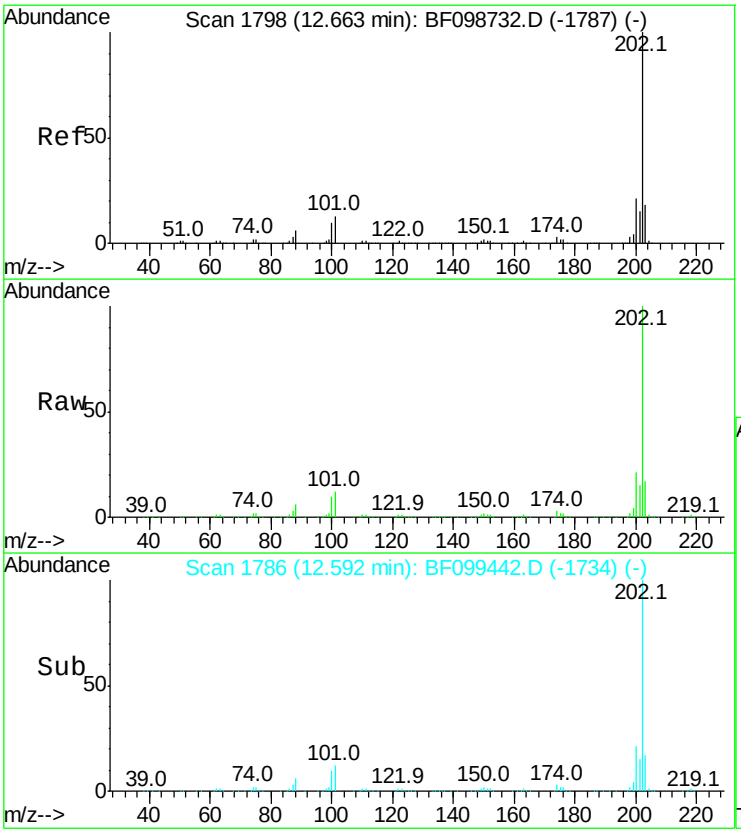
#71
Anthracene
Concen: 4.489 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 53324

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

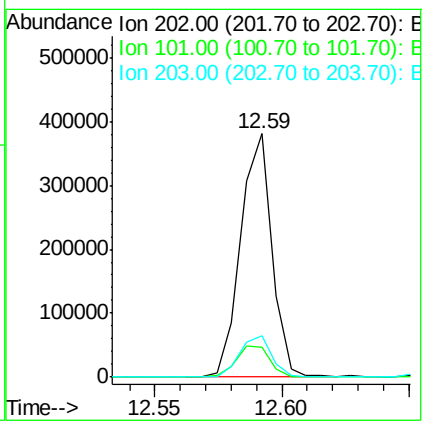


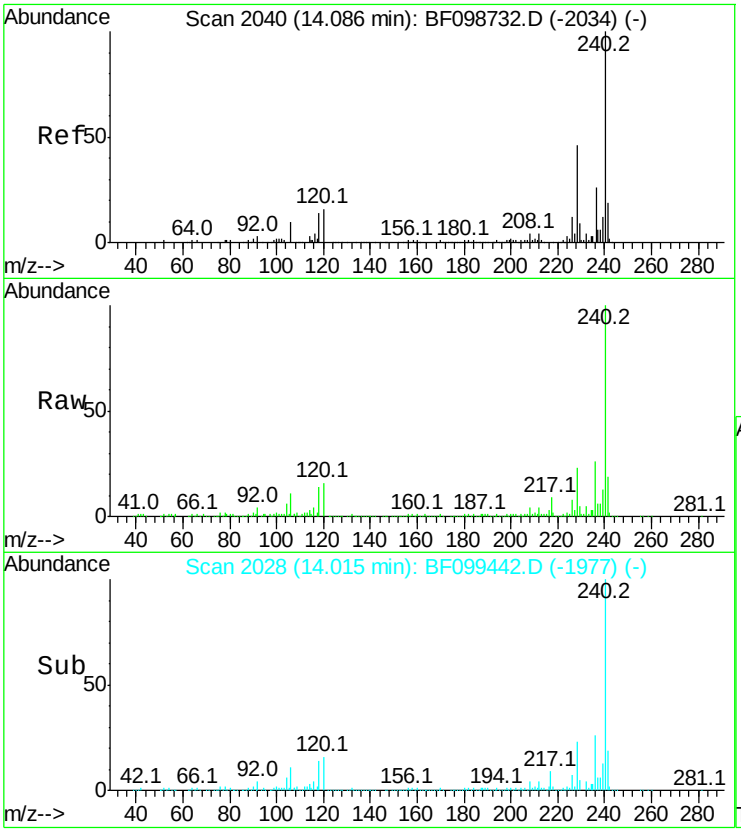


#74
Fluoranthene
Concen: 27.736 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:202 Resp: 326039

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.0	0.0	38.1



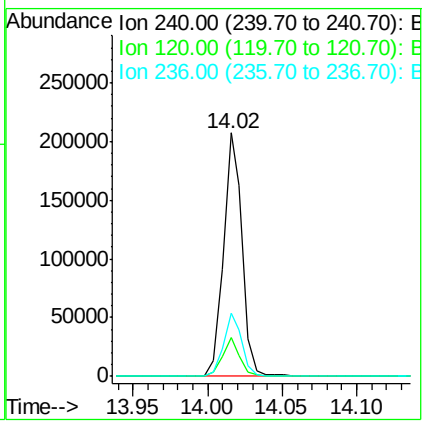


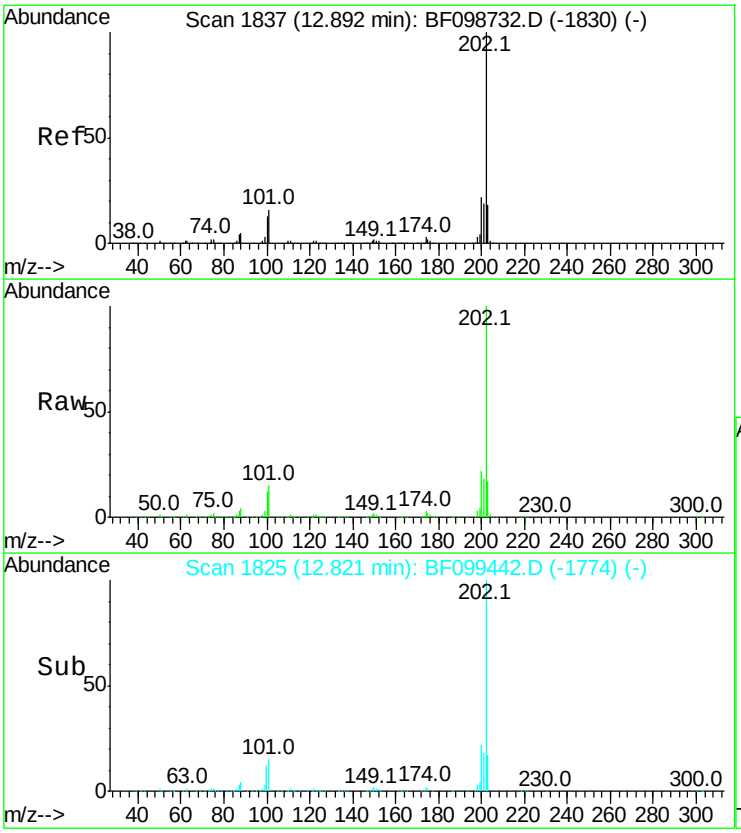
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 182862

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	26.0	20.7	31.1

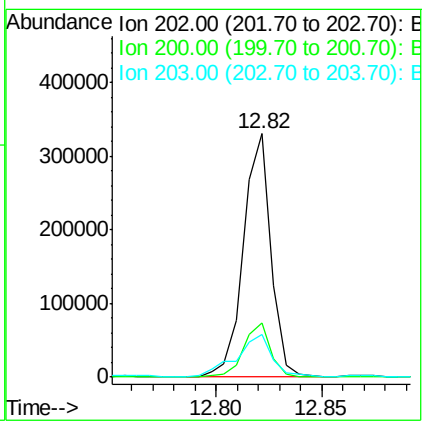


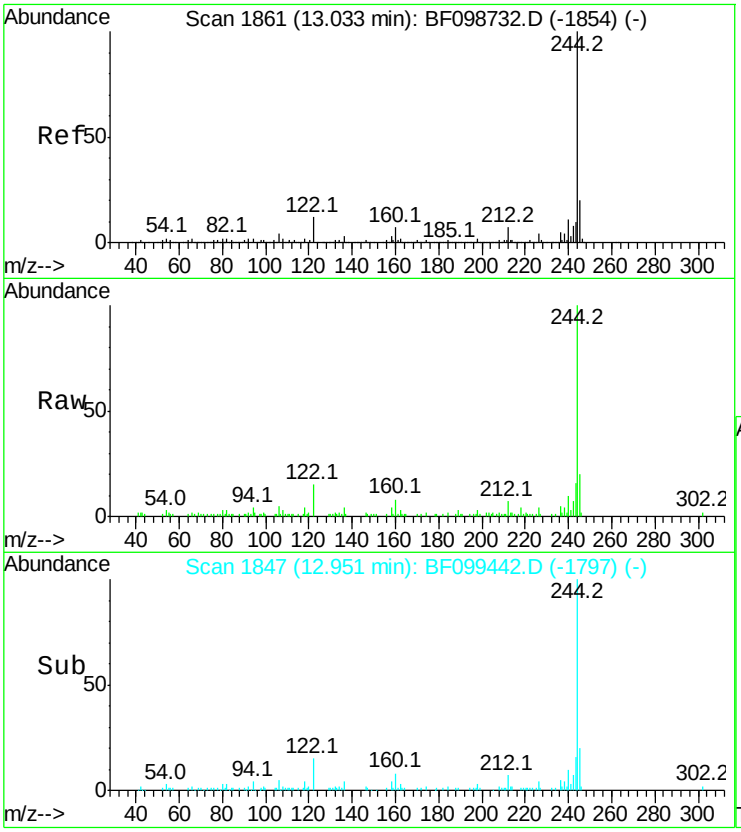


#77
Pyrene
Concen: 21.575 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:202 Resp: 300846

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.3	14.3	21.5



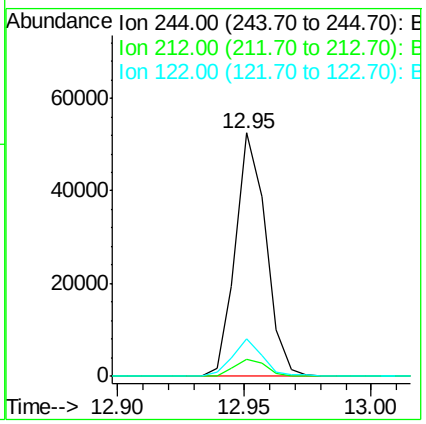


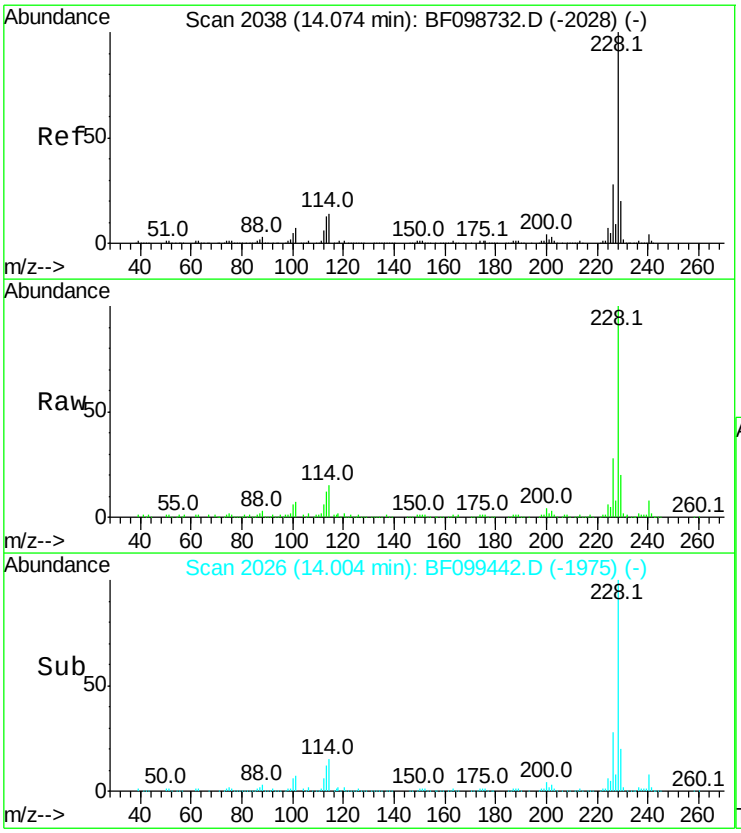
#78
Terphenyl-d14
Concen: 5.453 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 43845

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.2	11.0	16.4

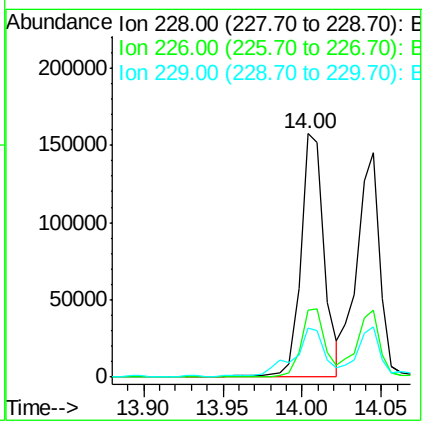


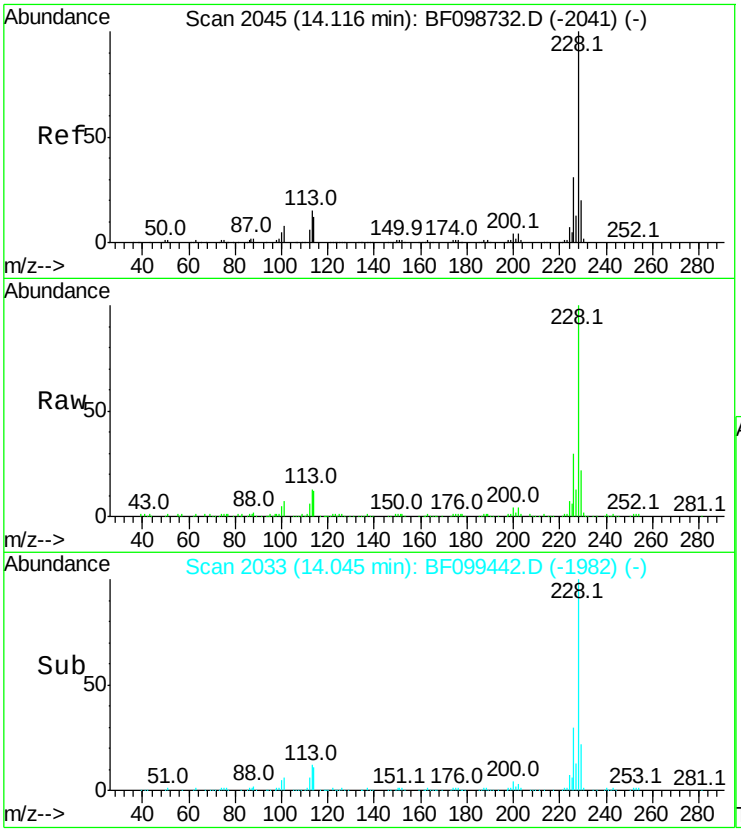


#80
Benzo(a)anthracene
Concen: 14.543 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:228 Resp: 161031

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	15.8	23.6



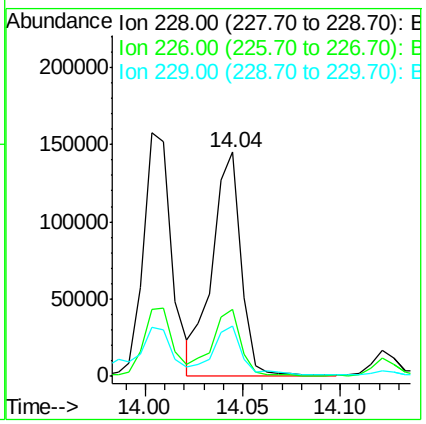


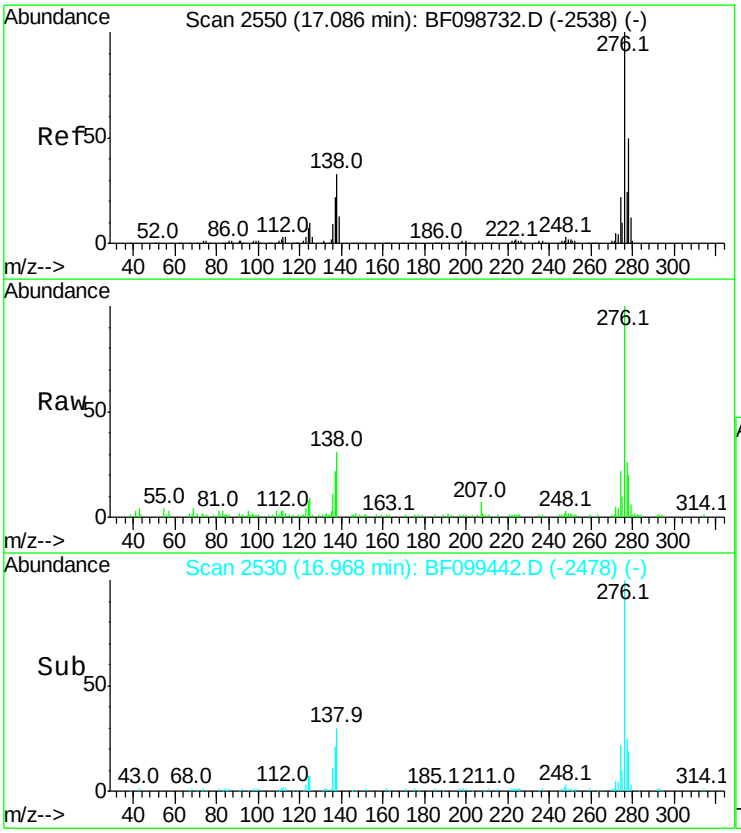
#82
Chrysene
Concen: 14.170 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 149372

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.3	16.2	24.4

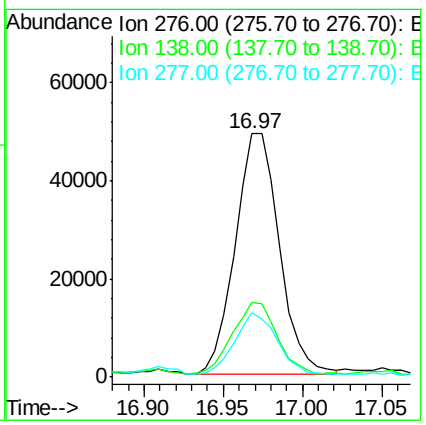


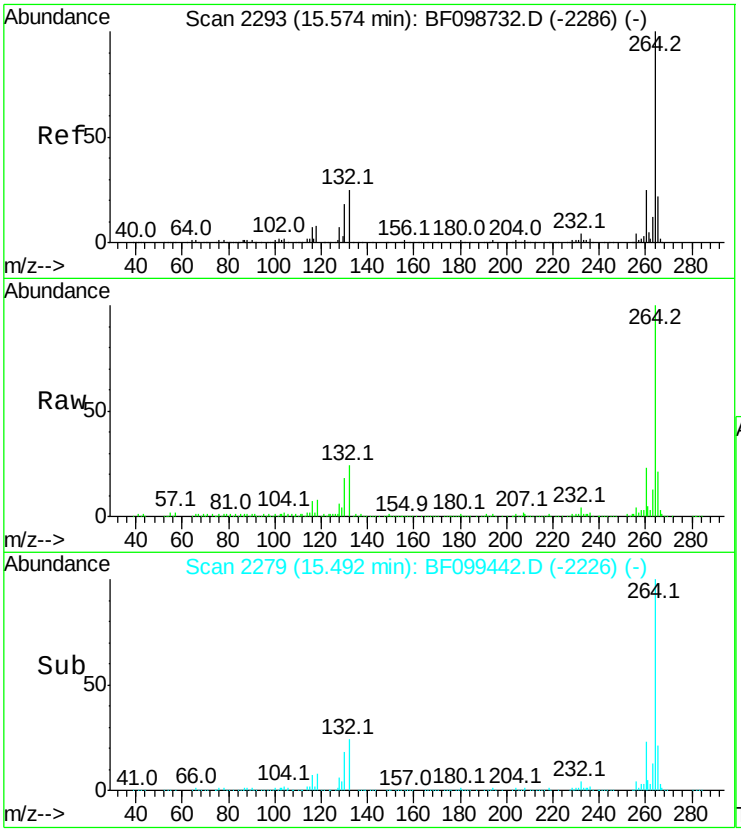


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.187 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:276 Resp: 94339

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.0	37.6
277	25.8	20.1	30.1



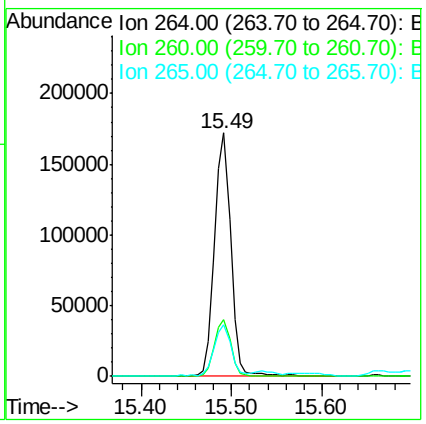


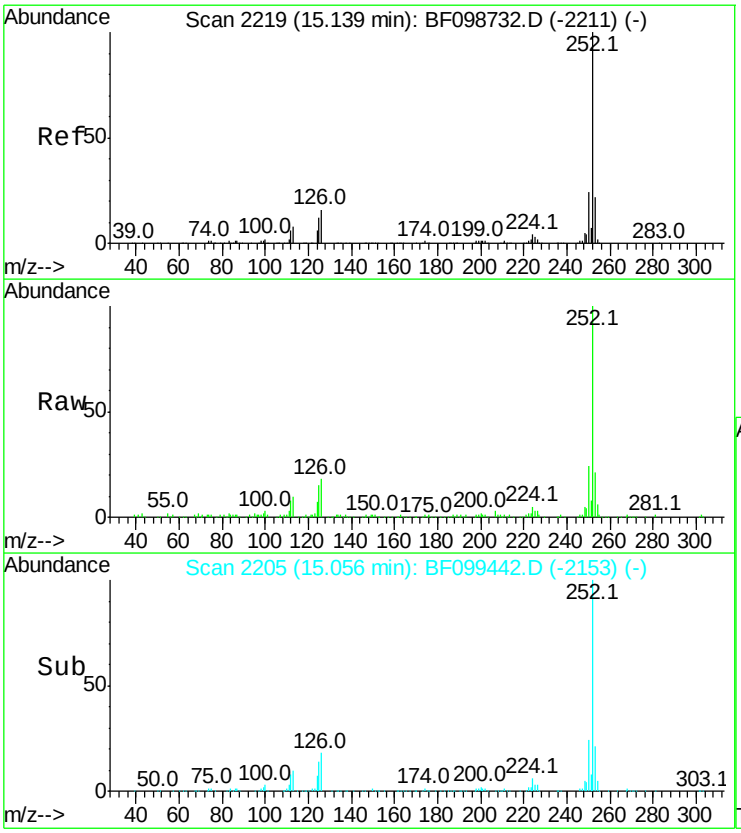
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 215291

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

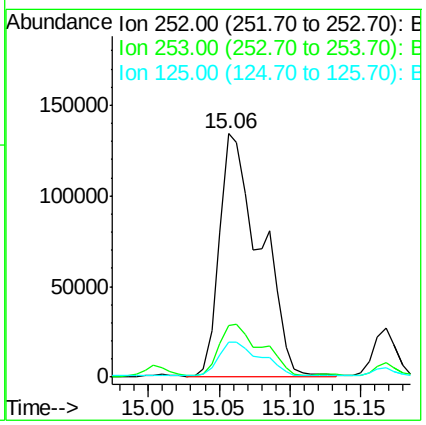


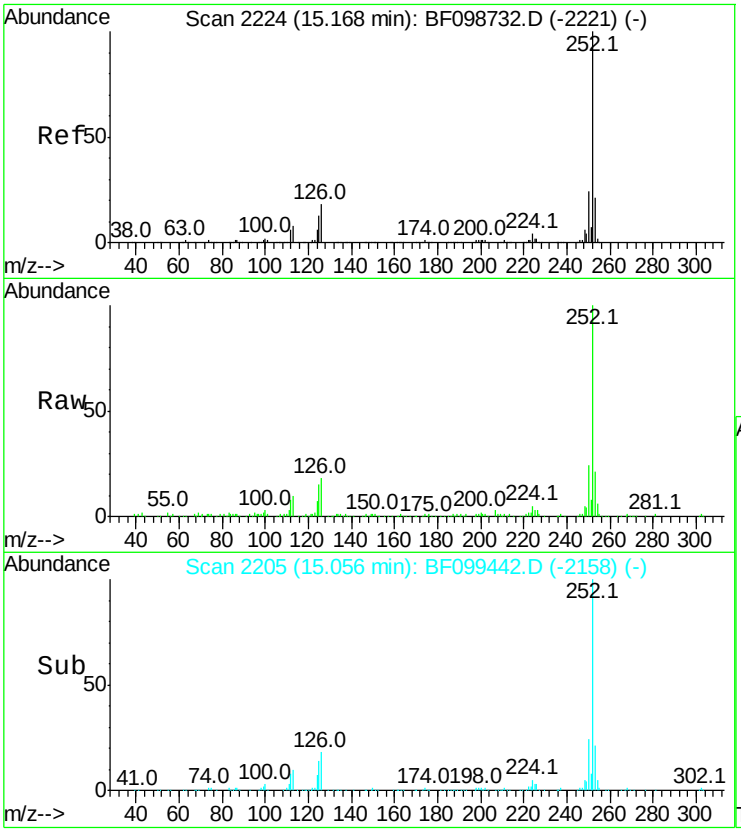


#87
Benzo(b)fluoranthene
Concen: 20.424 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:252 Resp: 270352

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	14.6	9.0	13.6#



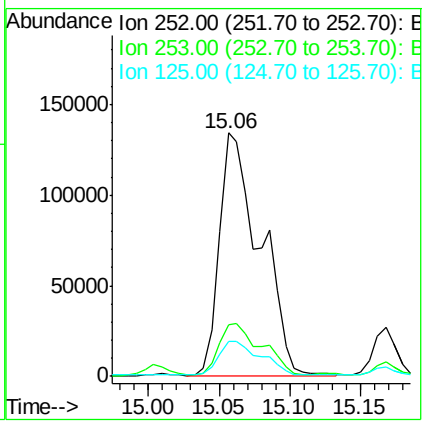


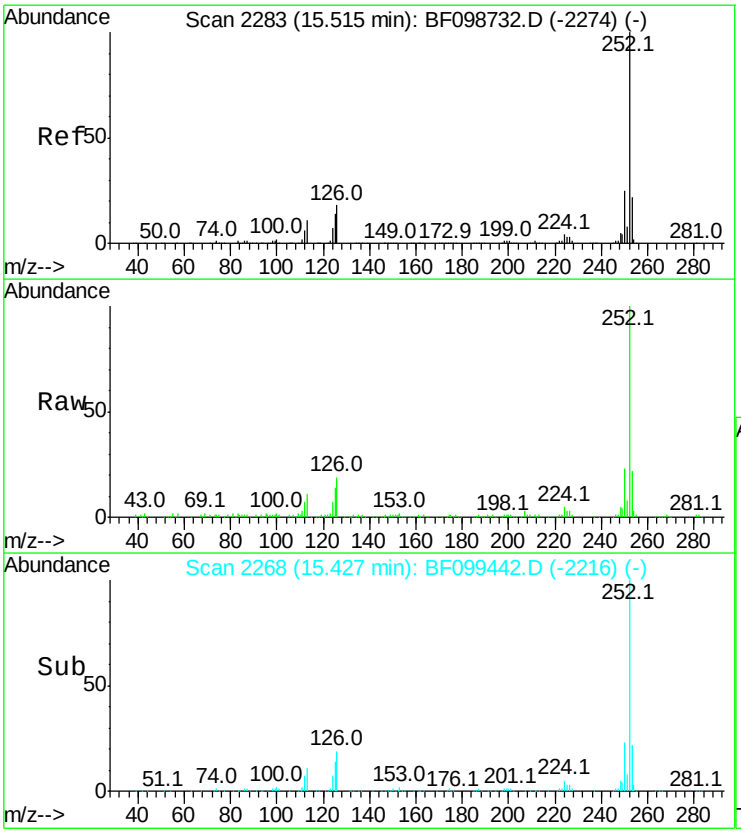
#88
Benzo(k)fluoranthene
Concen: 20.678 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 270352

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	14.6	10.2	15.2

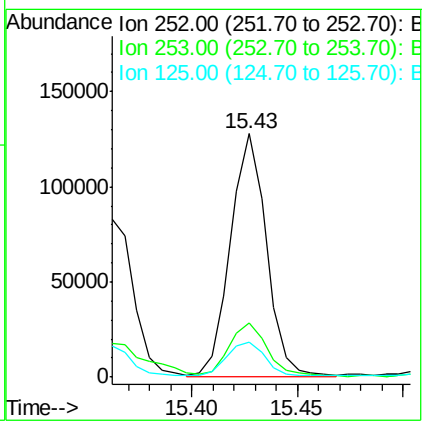


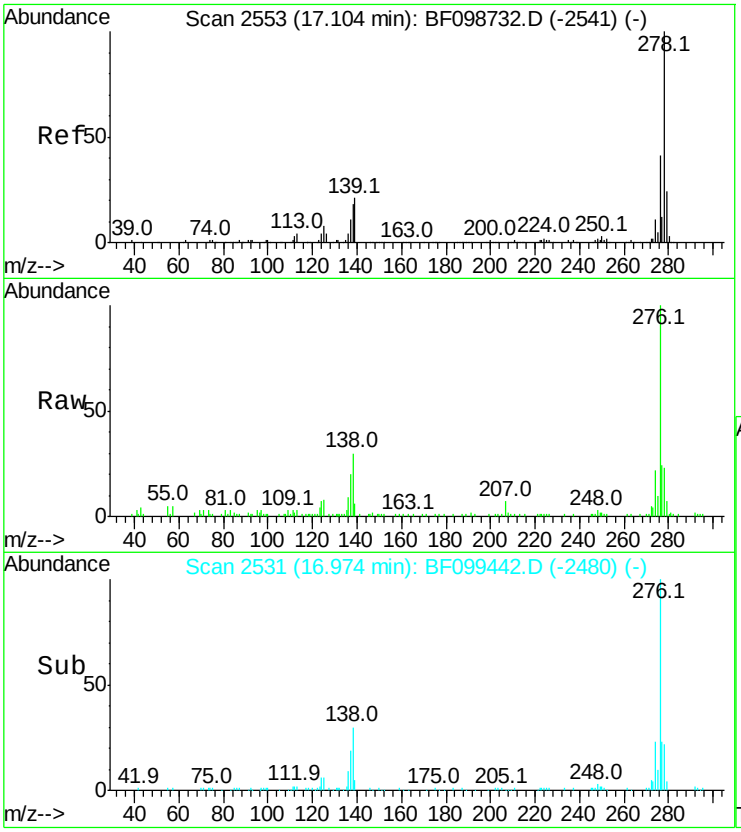


#89
Benzo(a)pyrene
Concen: 12.336 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:252 Resp: 149886

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.1	9.8	14.6



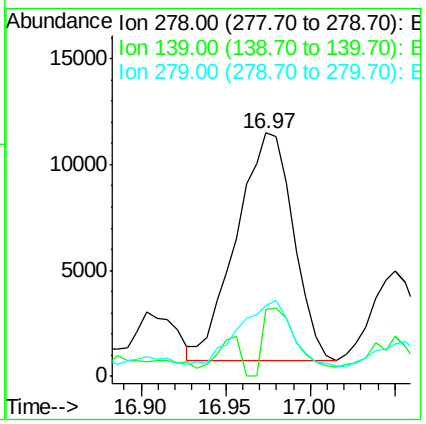


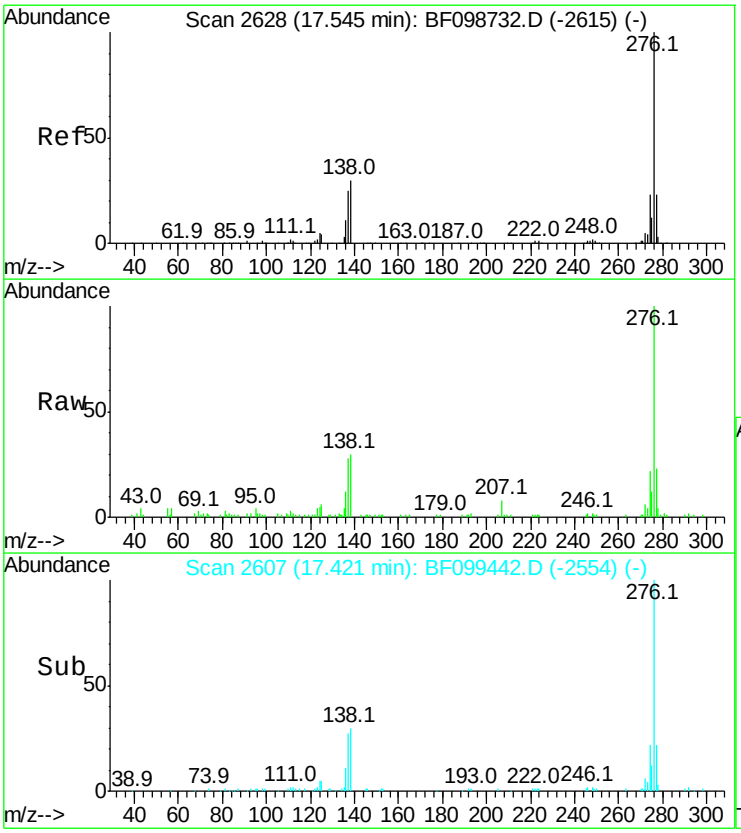
#90
Dibenzo(a,h)anthracene
Concen: 2.587 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 25154

Ion	Ratio	Lower	Upper
278	100		
139	27.6	15.9	23.9#
279	29.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.594 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF099442.D
Acq: 13 Oct 2017 16:30

Tgt Ion:276 Resp: 92221

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	30.3	21.8	32.8