Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101426.D
Acq On : 15 Dec 2017 6:31
Operator : SJ/JU
Sample : I6828-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 07:34:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174359	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	659103	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	251659	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	386470	20.00	ng		0.00
75) Chrysene-d12	14.01	240	234872	20.00	ng		0.00
86) Perylene-d12	15.49	264	282272	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1368010	116.87	ng		0.00
7) Phenol-d6	6.46	99	1663182	114.17	ng		0.00
23) Nitrobenzene-d5	7.39	82	1021188	86.25	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	299234	123.40	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1376888	84.87	ng		0.00
78) Terphenyl-d14	12.94	244	919799	94.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	74156	4.466	ng		93
25) Isophorone	7.39	82	1020037	42.944	ng	#	64
32) Benzoic acid	7.91	122	3205	8.376	ng	#	1
37) 2-Methylnaphthalene	8.82	142	45683	2.113	ng		95
49) Dimethylphthalate	9.57	163	91599	4.525	ng	#	96
53) 2,4-Dinitrophenol	9.96	184	150	10.412	ng	#	1
65) n-Nitrosodiphenylamine	10.52	169	57217	4.010	ng	#	42
69) Pentachlorophenol	11.17	266	1828	7.496	ng	#	38
70) Phenanthrene	11.37	178	224330	10.438	ng		96
71) Anthracene	11.37	178	224330	10.218	ng		95
73) Di-n-butylphthalate	11.90	149	76003	3.047	ng	#	91
74) Fluoranthene	12.57	202	255332	11.318	ng		96
77) Pyrene	12.80	202	231892	13.155	ng		98
80) Benzo(a)anthracene	14.00	228	93356	6.019	ng	#	94
82) Chrysene	14.03	228	98722	6.742	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.97	276	56198	4.310	ng		95
87) Benzo(b)fluoranthene	15.06	252	149747	8.704	ng	#	60
88) Benzo(k)fluoranthene	15.06	252	149747	8.952	ng	#	63
89) Benzo(a)pyrene	15.43	252	84210	5.309	ng	#	68
91) Benzo(g,h,i)perylene	17.42	276	51912	3.850	ng	#	91

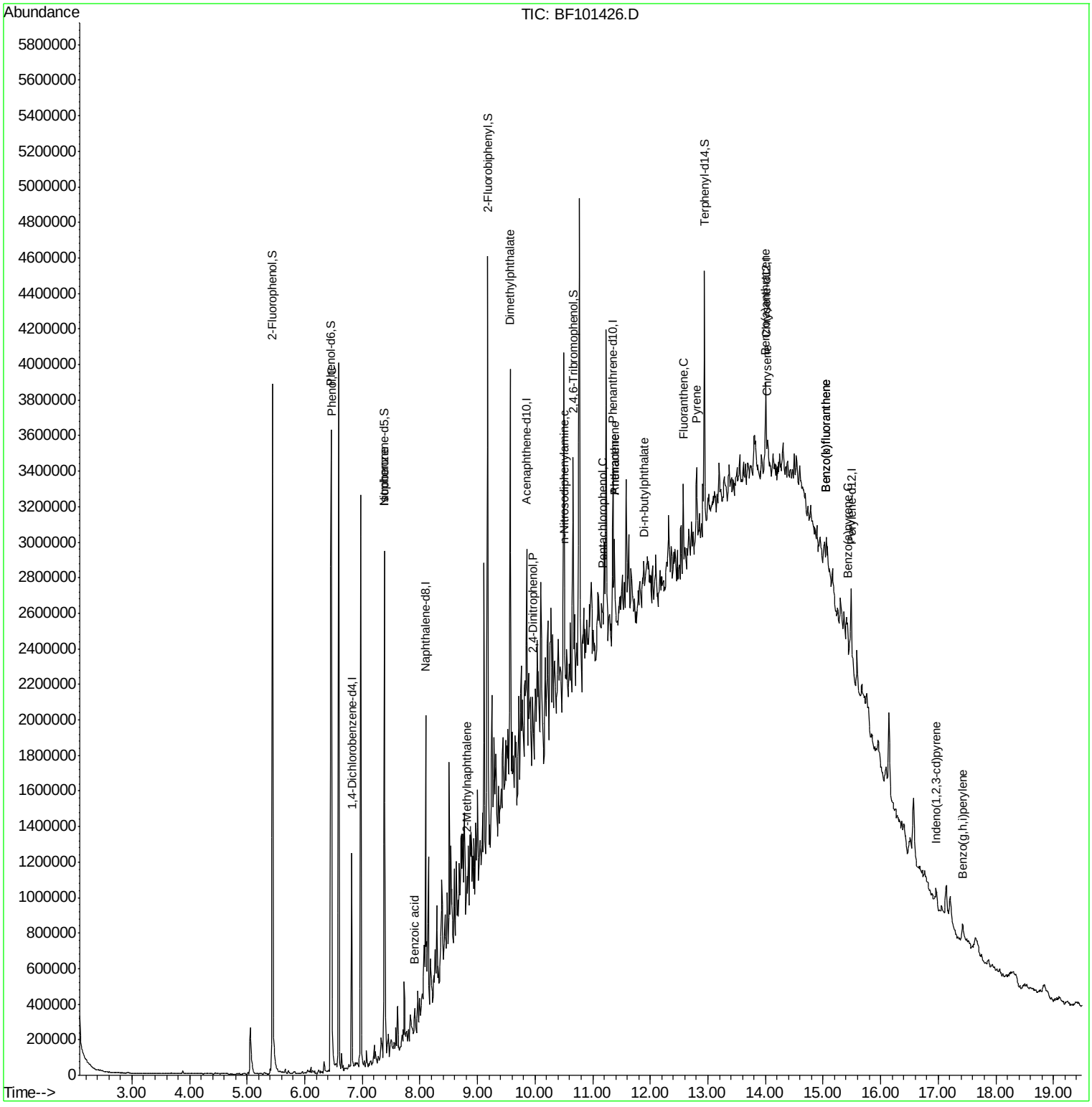
(#) = qualifier out of range (m) = manual integration (+) = signals summed

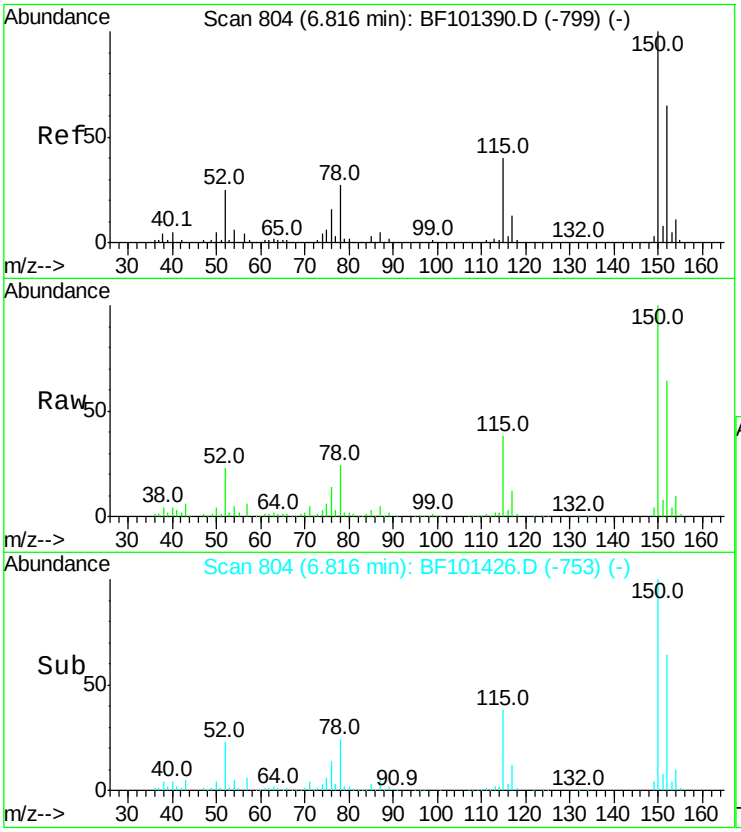
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101426.D
Acq On : 15 Dec 2017 6:31
Operator : SJ/JU
Sample : I6828-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 07:34:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

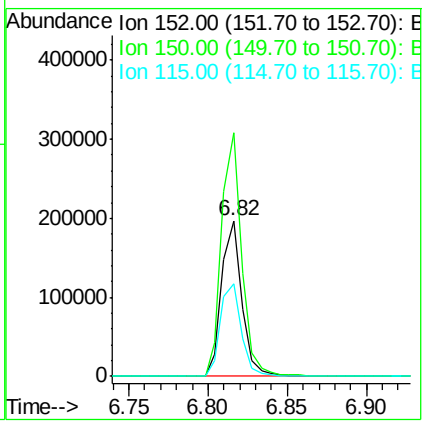




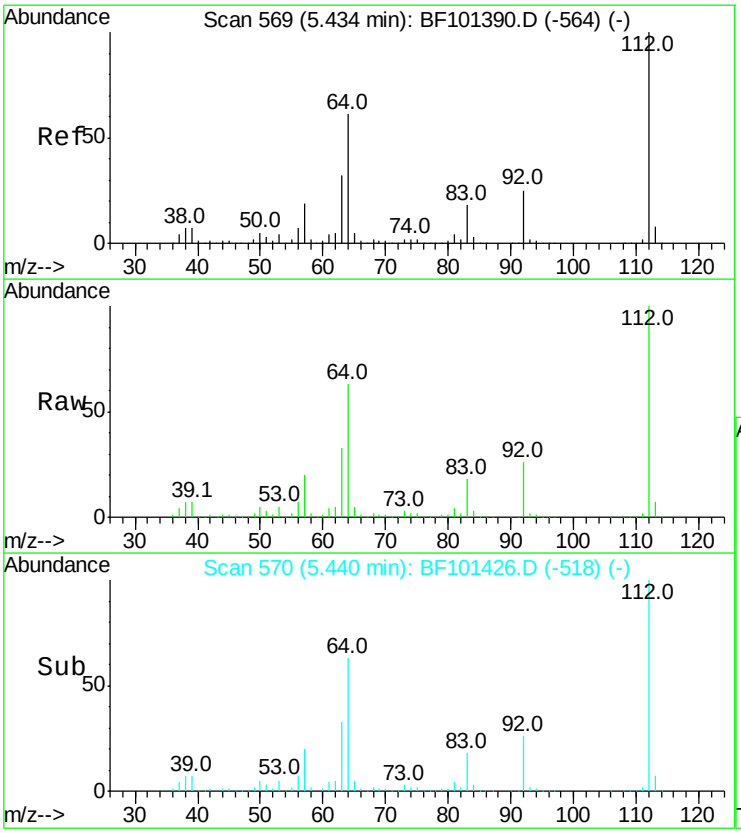
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:152 Resp: 174359

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	59.2	50.1	75.1



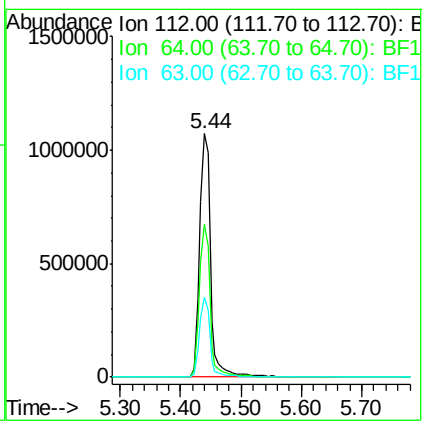
Instrument :
BNA_F
ClientSampleId :

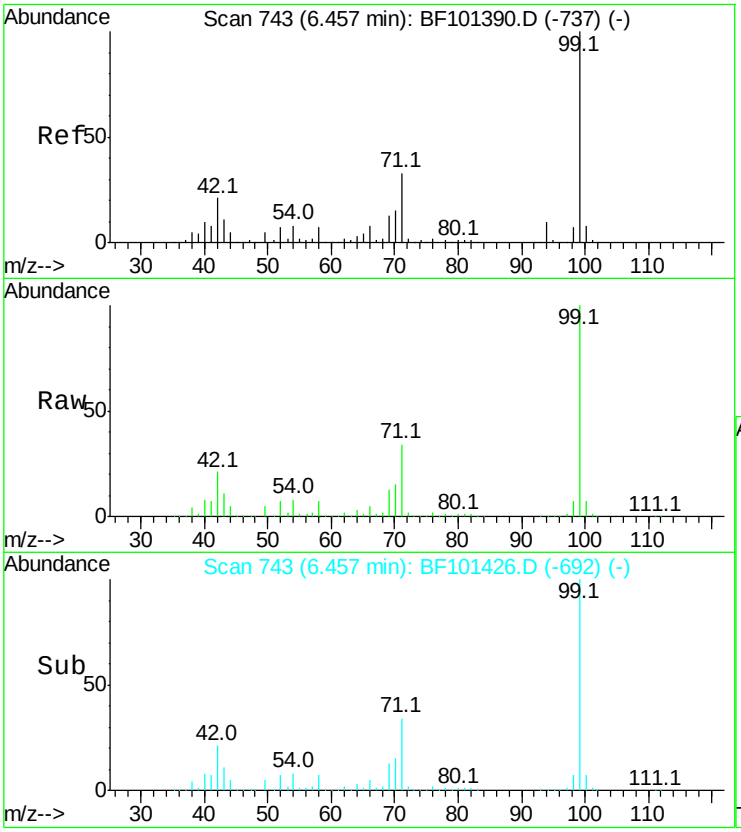


#5
2-Fluorophenol
Concen: 116.871 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:112 Resp: 1368010

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.6	23.7	35.5



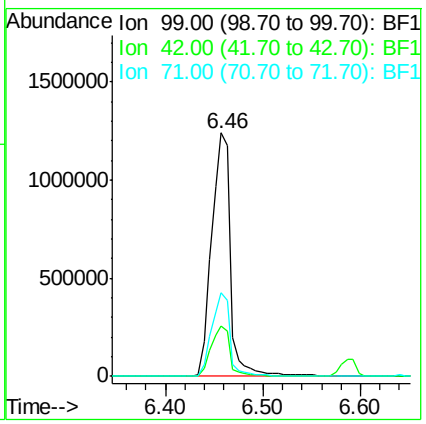


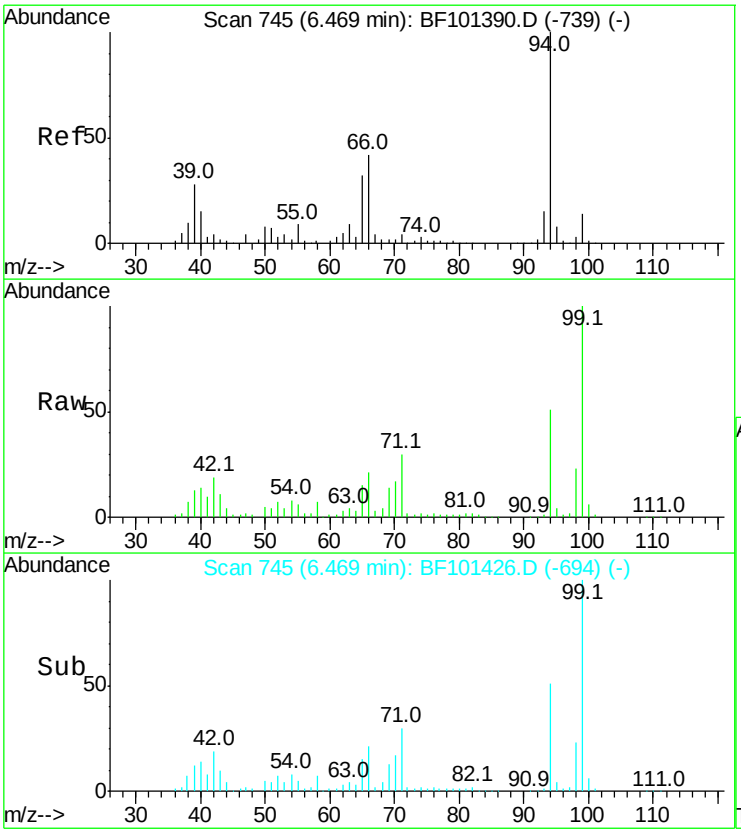
#7
Phenol-d6
Concen: 114.170 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1663182

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	34.2	25.4	38.0

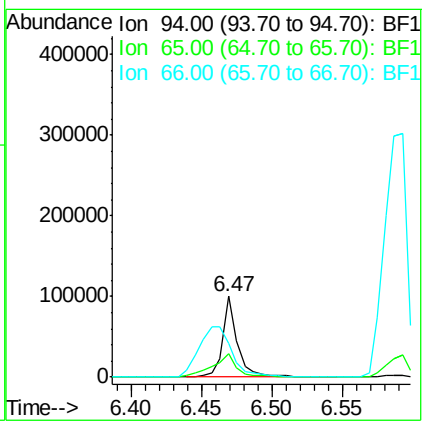


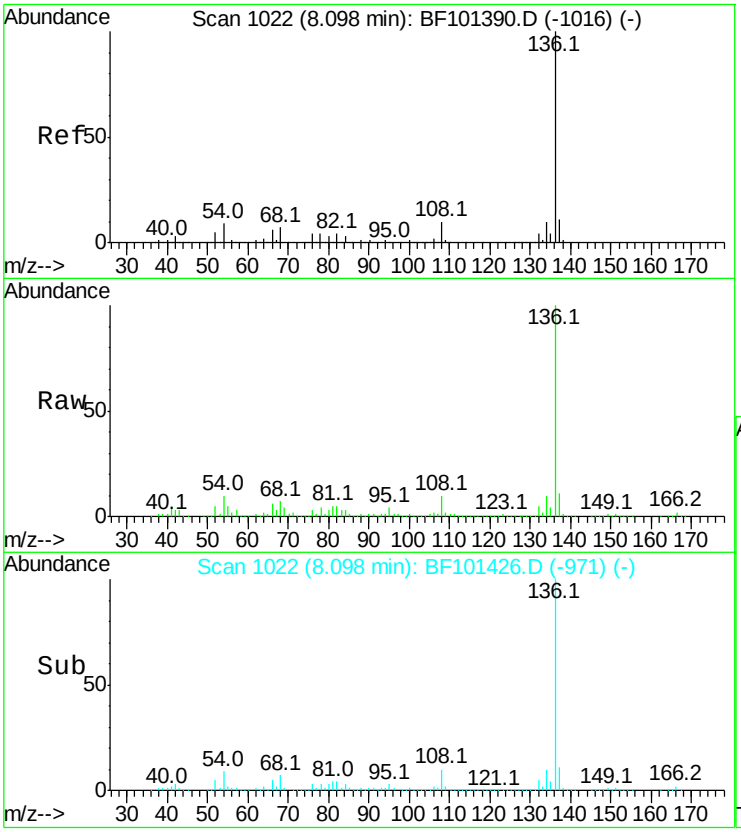


#10
Phenol
Concen: 4.466 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion: 94 Resp: 74156

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	42.0	16.2	56.2



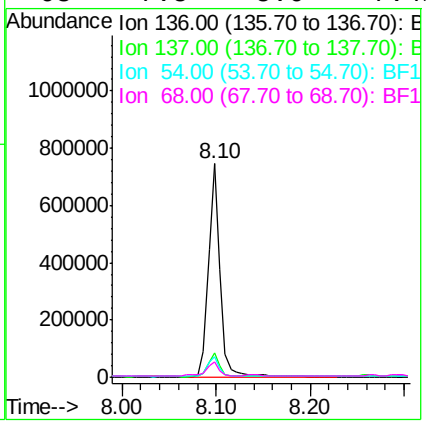


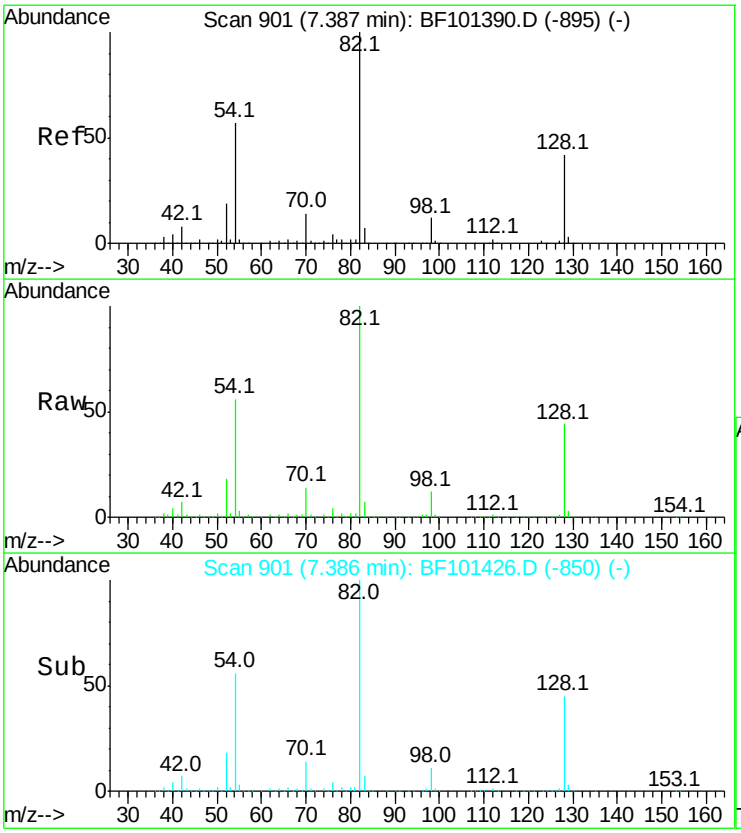
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 659103

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	7.5	5.0	7.4#

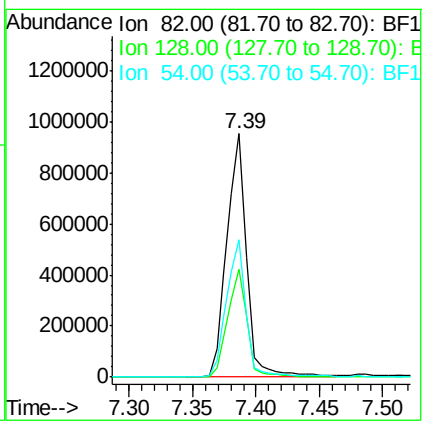


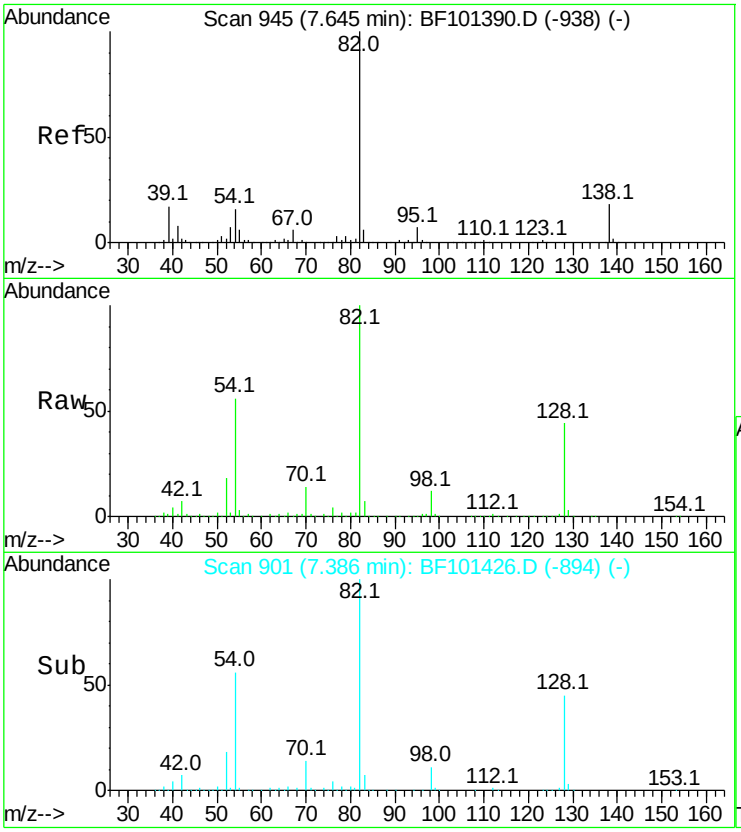


#23
Nitrobenzene-d5
Concen: 86.246 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion: 82 Resp: 1021188

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	56.4	41.4	62.2



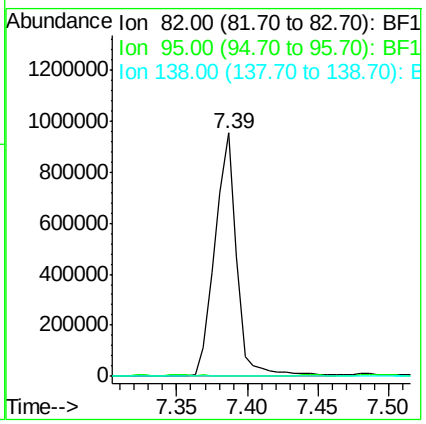


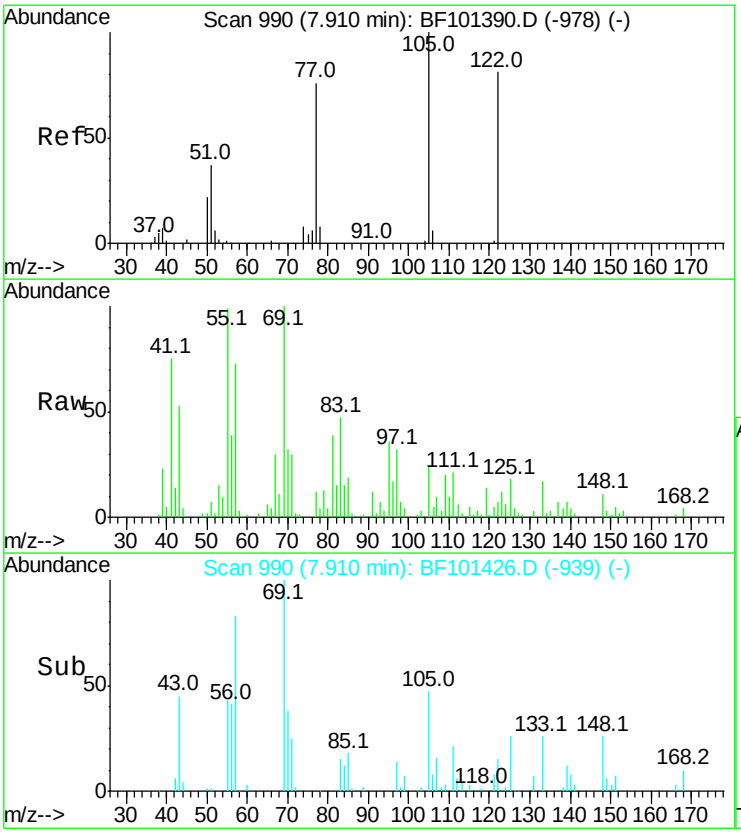
#25
Isophorone
Concen: 42.944 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1020037

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

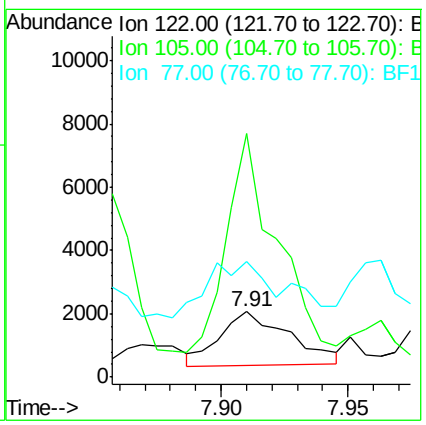


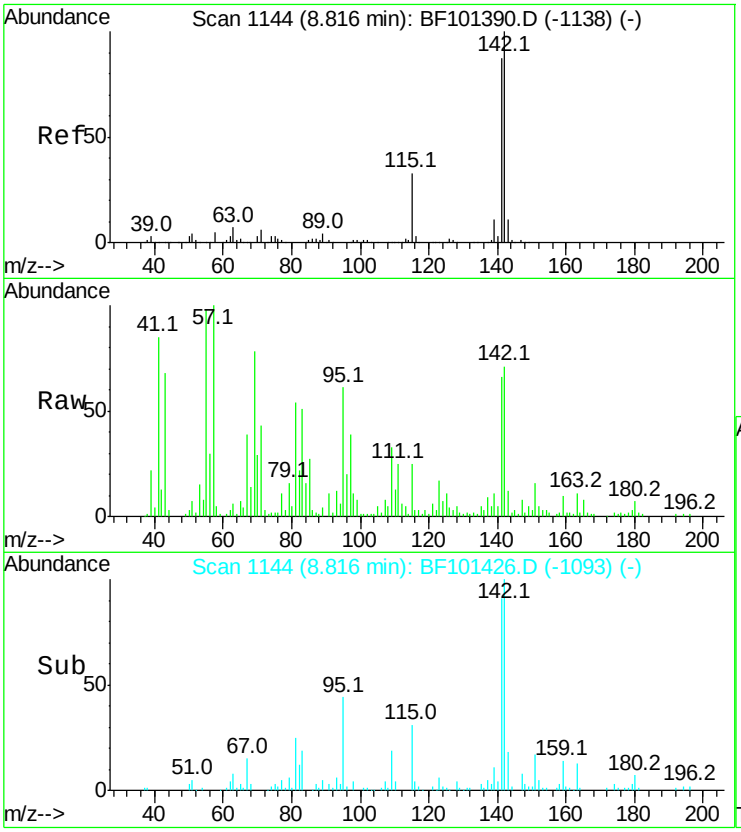


#32
Benzoic acid
Concen: 8.376 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:122 Resp: 3205

Ion	Ratio	Lower	Upper
122	100		
105	372.4	101.1	141.1#
77	177.6	70.7	110.7#



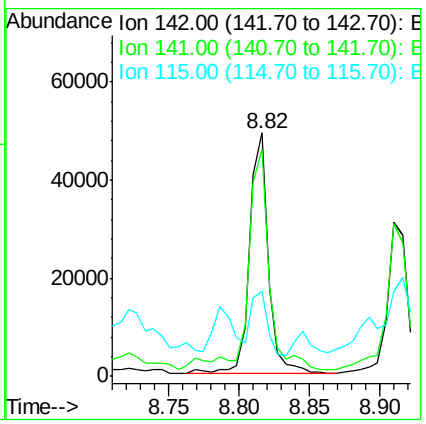


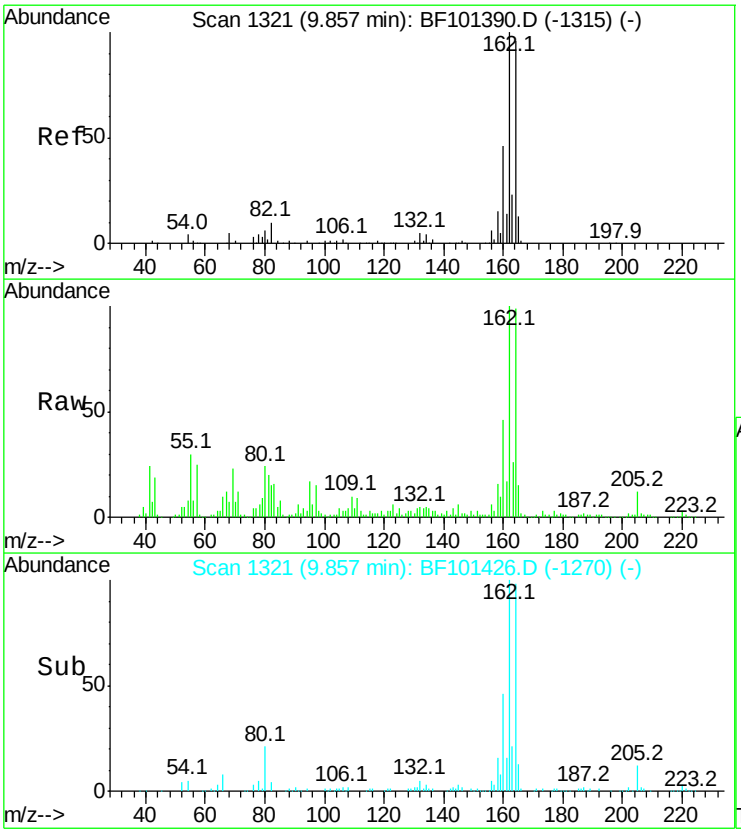
#37
2-Methylnaphthalene
Concen: 2.113 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 45683

Ion	Ratio	Lower	Upper
142	100		
141	93.3	70.8	106.2
115	34.9	26.1	39.1

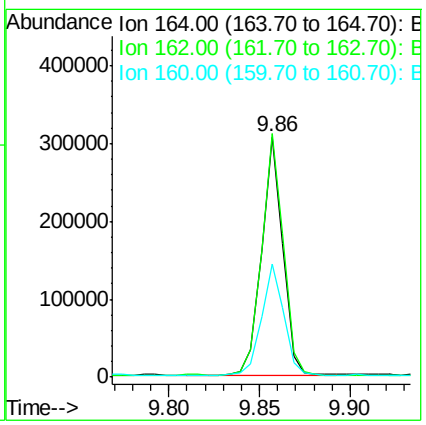


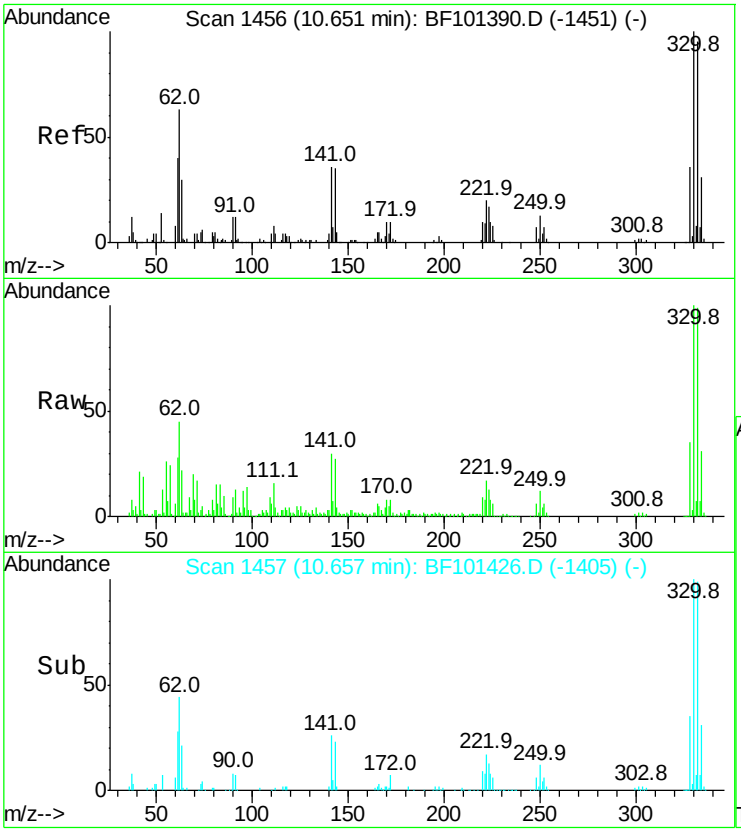


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:164 Resp: 251659

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	47.1	38.3	57.5



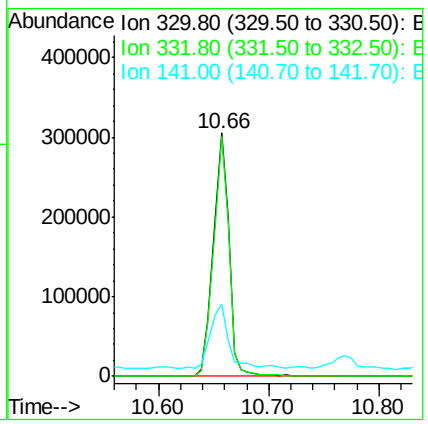


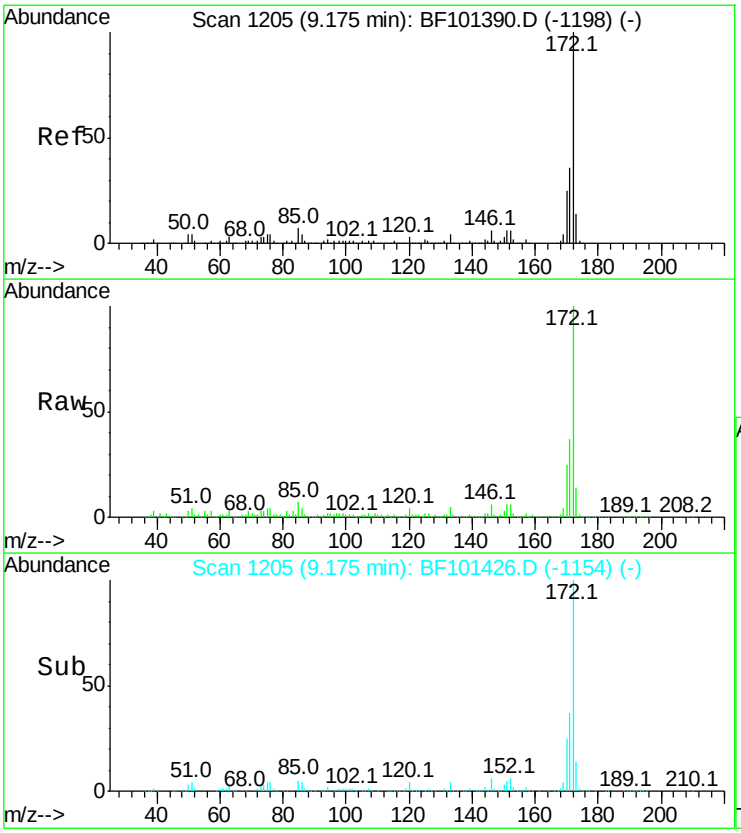
#41
2,4,6-Tribromophenol
Concen: 123.399 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 299234

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.7	29.9	44.9#

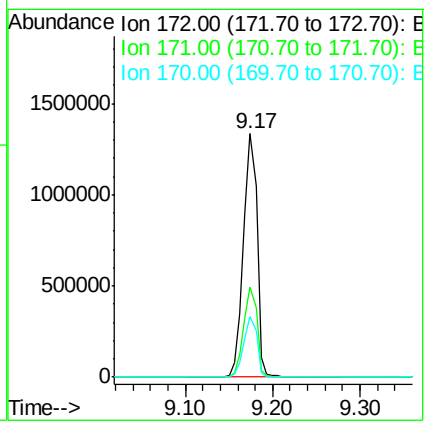


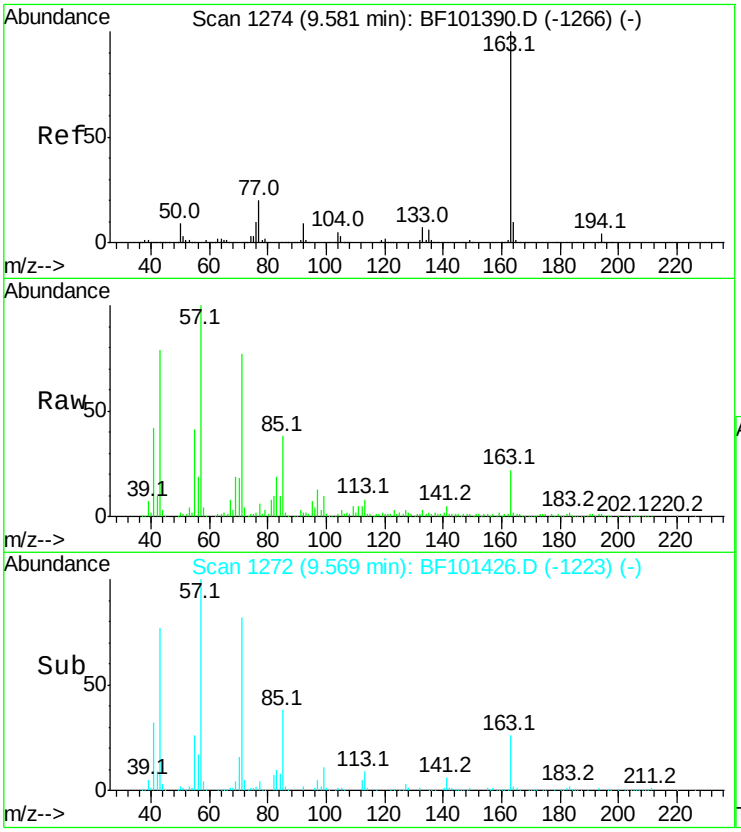


#44
2-Fluorobiphenyl
Concen: 84.872 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:172 Resp: 1376888

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.1	19.6	29.4



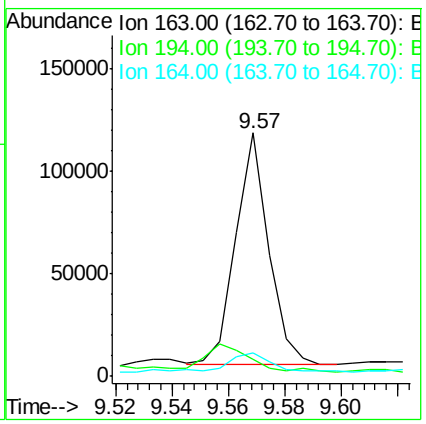


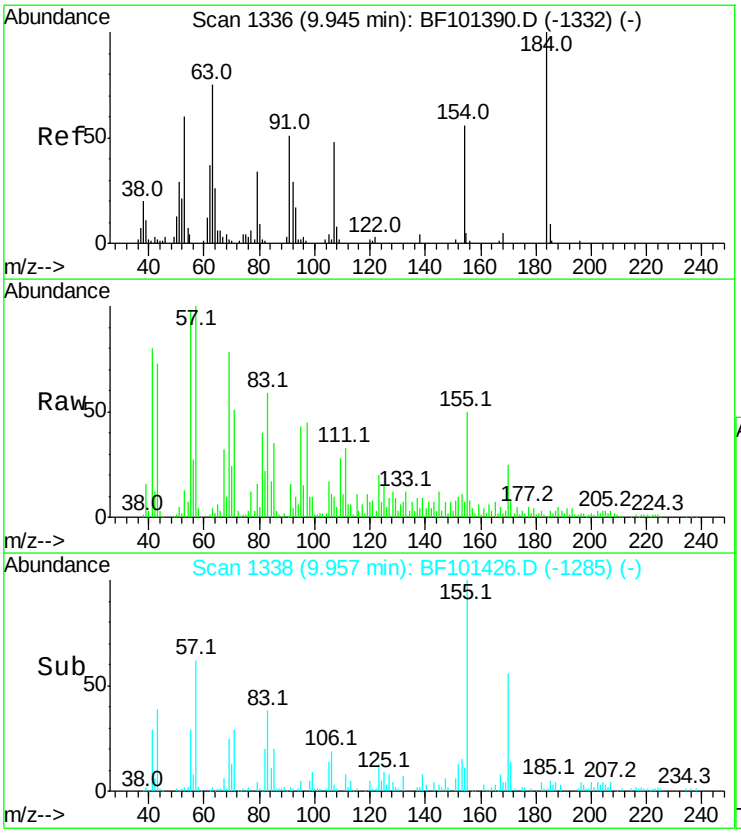
#49
Dimethylphthalate
Concen: 4.525 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 91599

Ion	Ratio	Lower	Upper
163	100		
194	6.8	2.7	4.1#
164	9.7	8.2	12.2

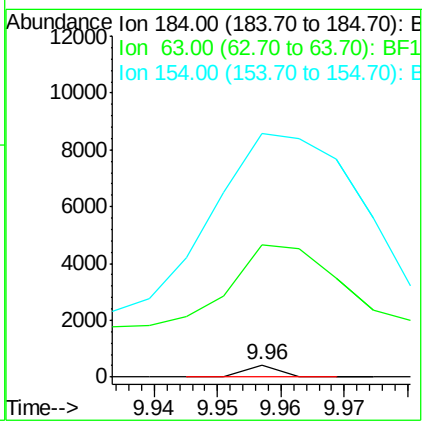


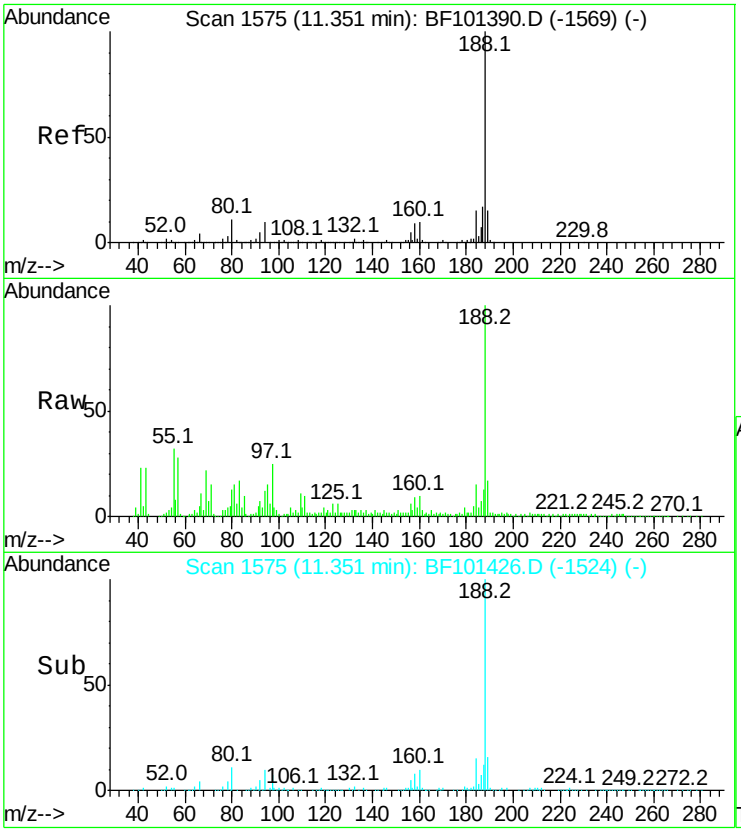


#53
2,4-Dinitrophenol
Concen: 10.412 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:184 Resp: 150

Ion	Ratio	Lower	Upper
184	100		
63	1099.5	54.2	81.2#
154	2021.7	184.0	276.0#



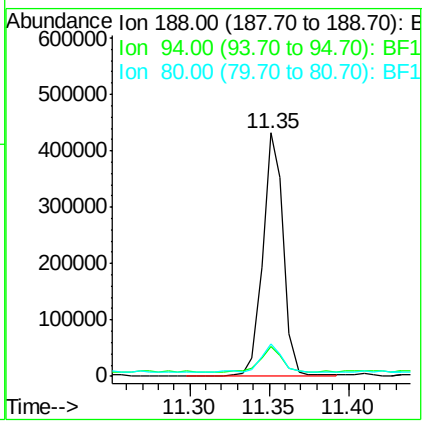


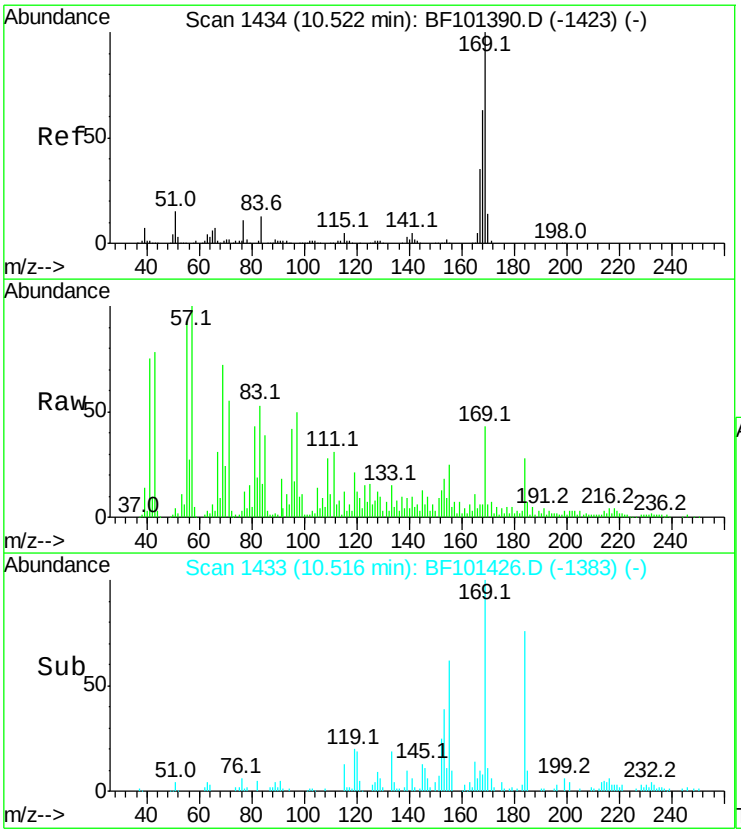
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 386470

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.1	9.2	13.8

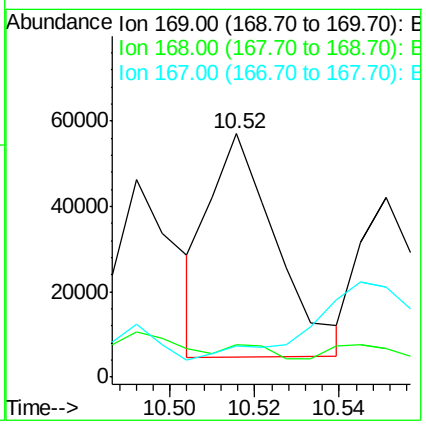


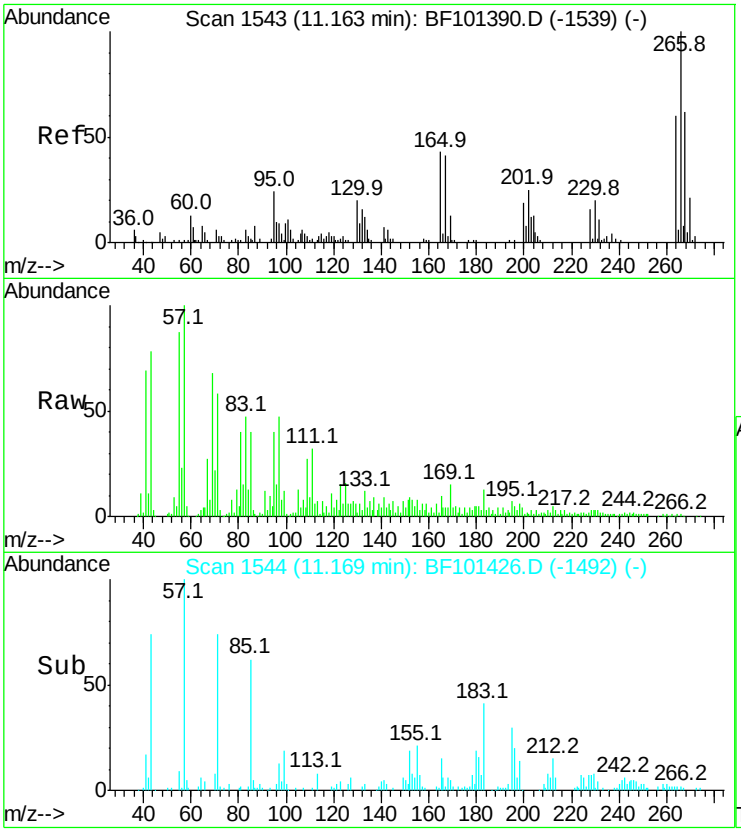


#65
n-Nitrosodiphenylamine
Concen: 4.010 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:169 Resp: 57217

Ion	Ratio	Lower	Upper
169	100		
168	13.1	54.4	81.6#
167	12.9	29.8	44.6#



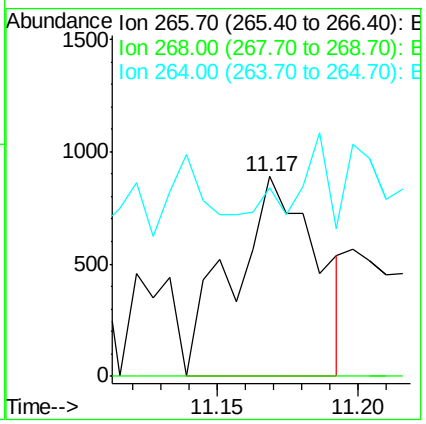


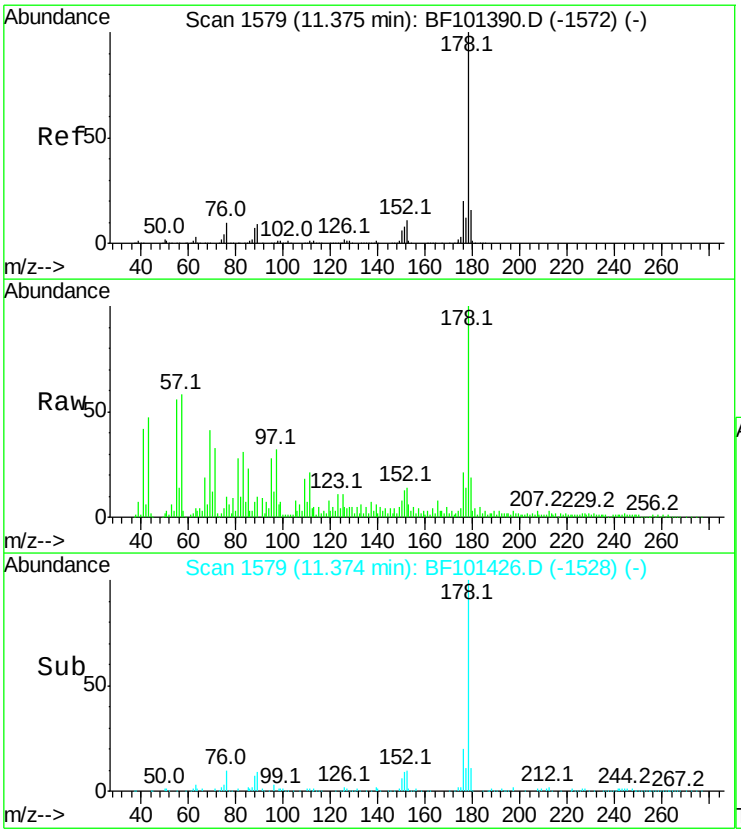
#69
Pentachlorophenol
Concen: 7.496 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 1828

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	94.4	49.5	74.3#

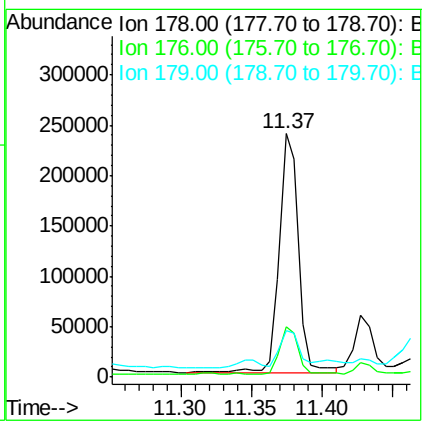


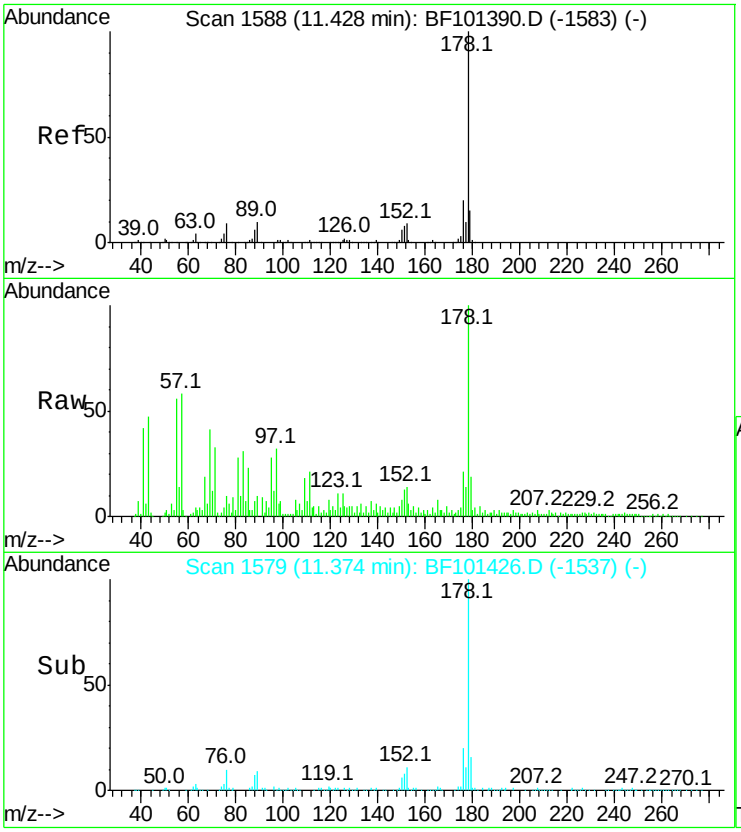


#70
Phenanthrene
Concen: 10.438 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:178 Resp: 224330

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	18.9	13.0	19.6



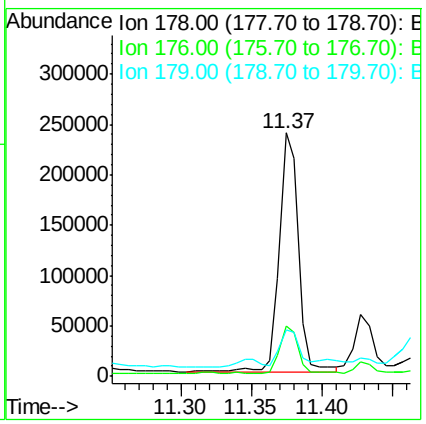


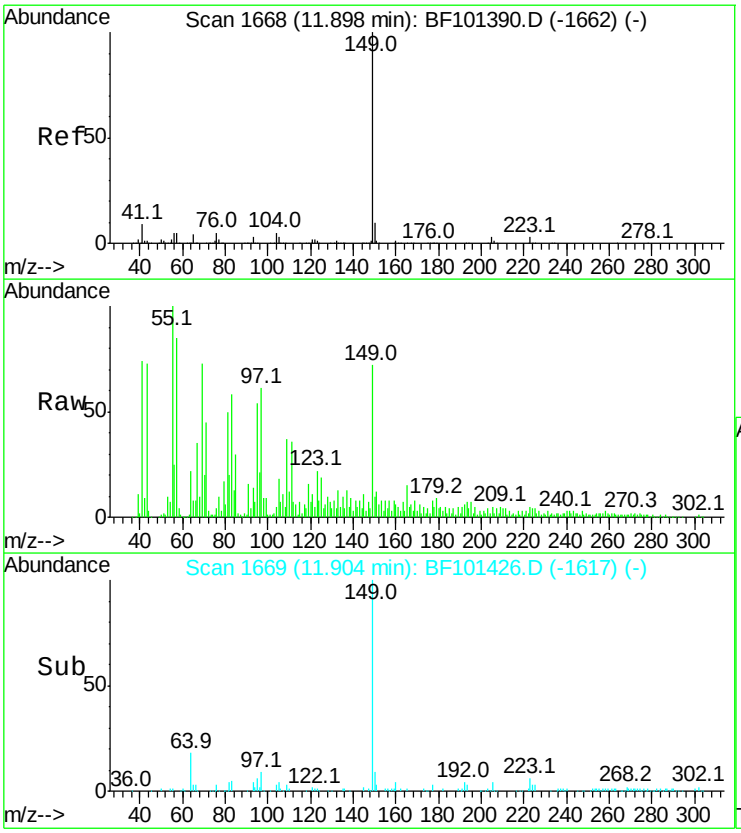
#71
Anthracene
Concen: 10.218 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.05 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 224330

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	18.9	12.6	19.0

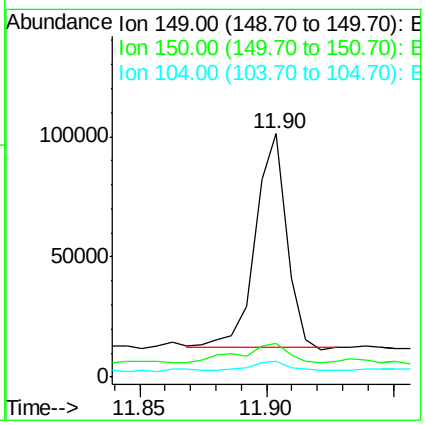


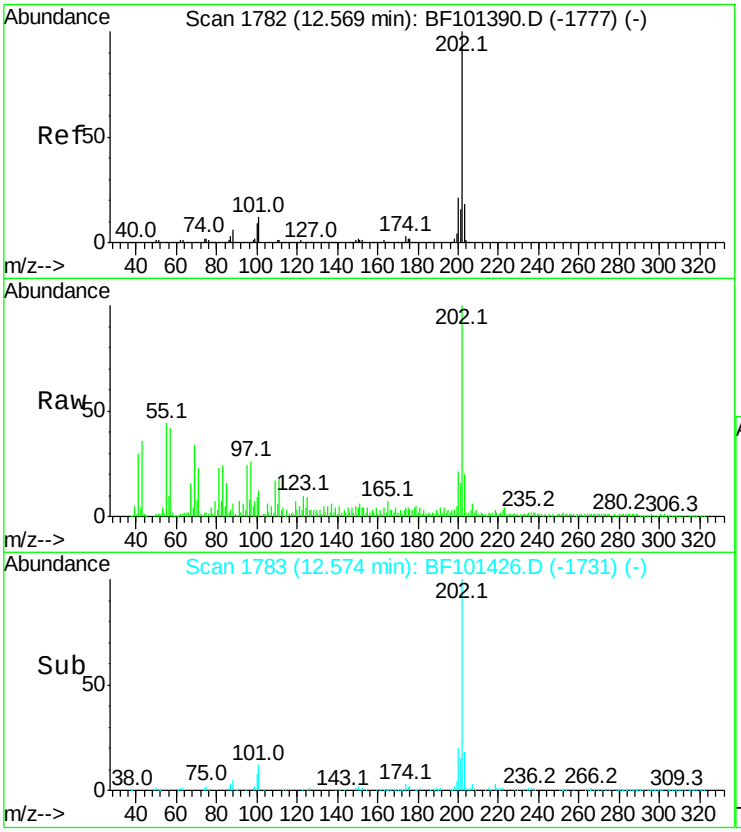


#73
Di-n-butylphthalate
Concen: 3.047 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:149 Resp: 76003

Ion	Ratio	Lower	Upper
149	100		
150	13.7	7.8	11.6#
104	6.7	3.8	5.8#



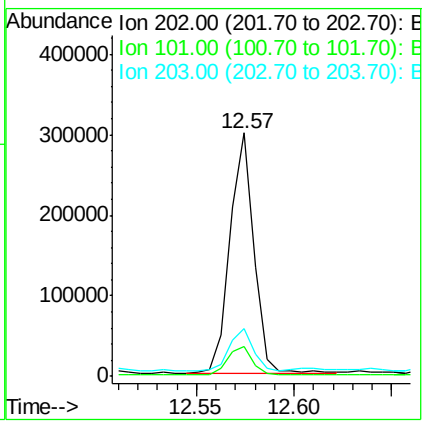


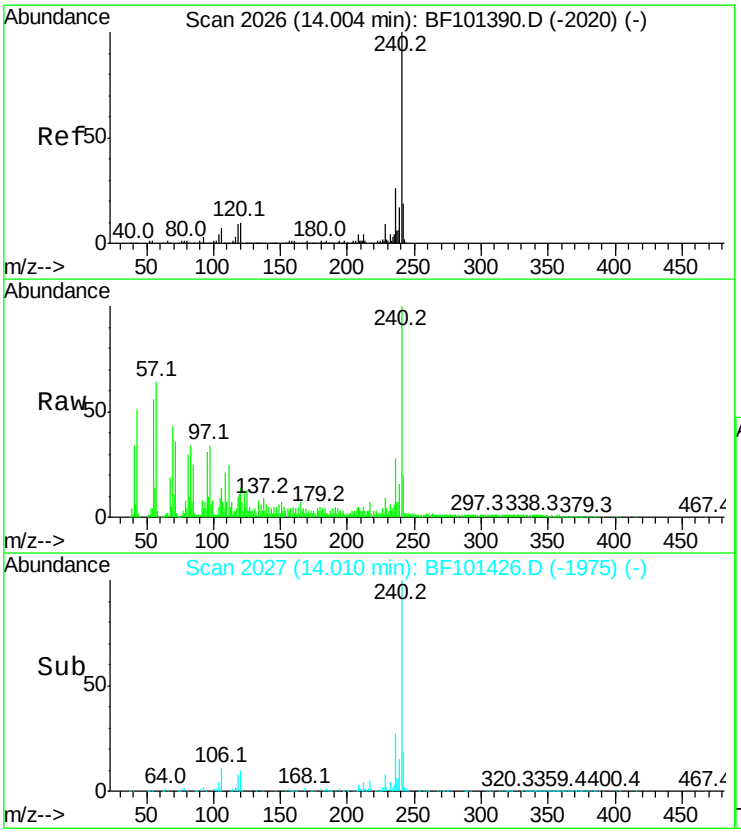
#74
Fluoranthene
Concen: 11.318 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 255332

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	19.7	0.0	38.1

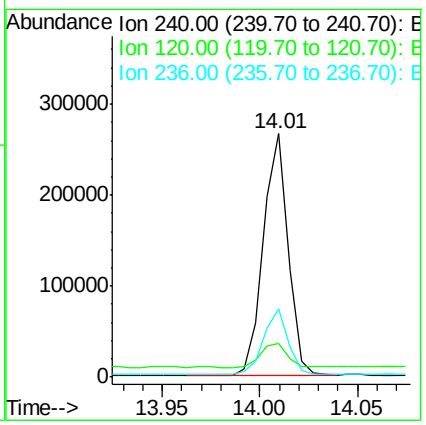


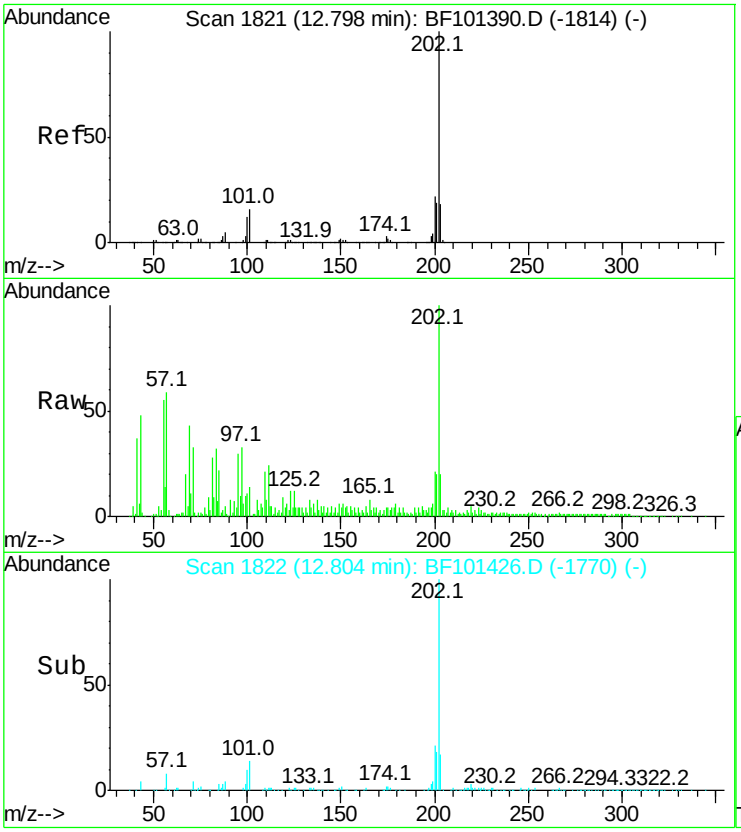


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:240 Resp: 234872

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	28.1	20.7	31.1



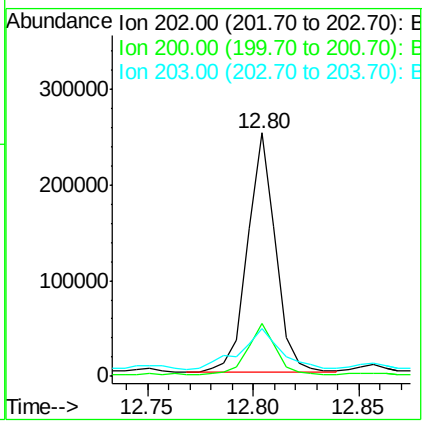


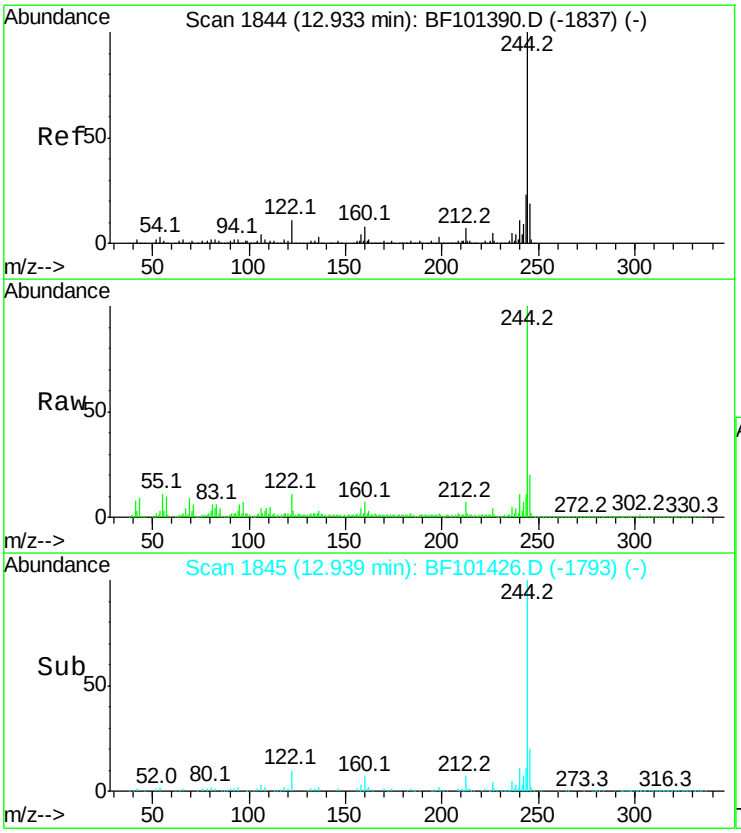
#77
Pyrene
Concen: 13.155 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 231892

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.8	14.3	21.5

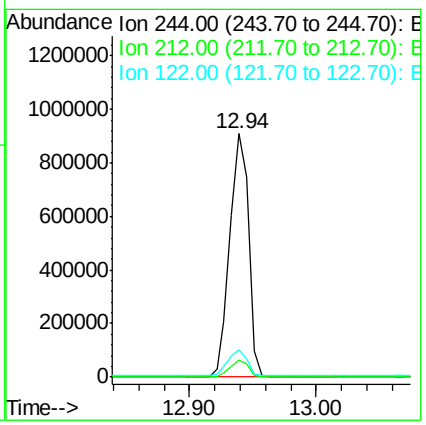


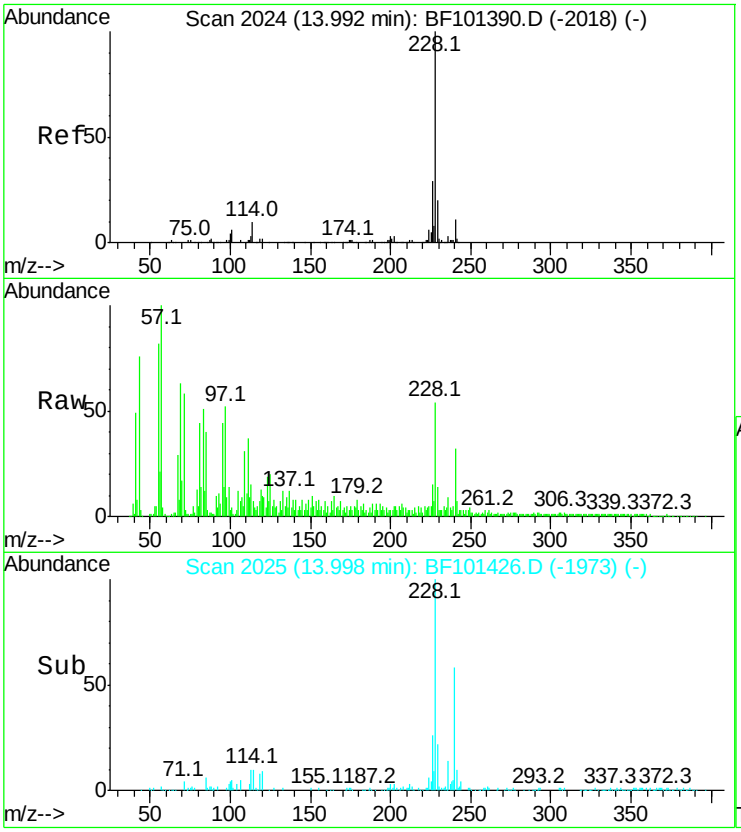


#78
Terphenyl-d14
Concen: 94.410 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:244 Resp: 919799

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.1	11.0	16.4



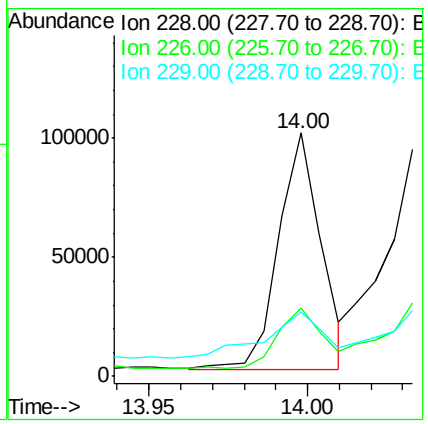


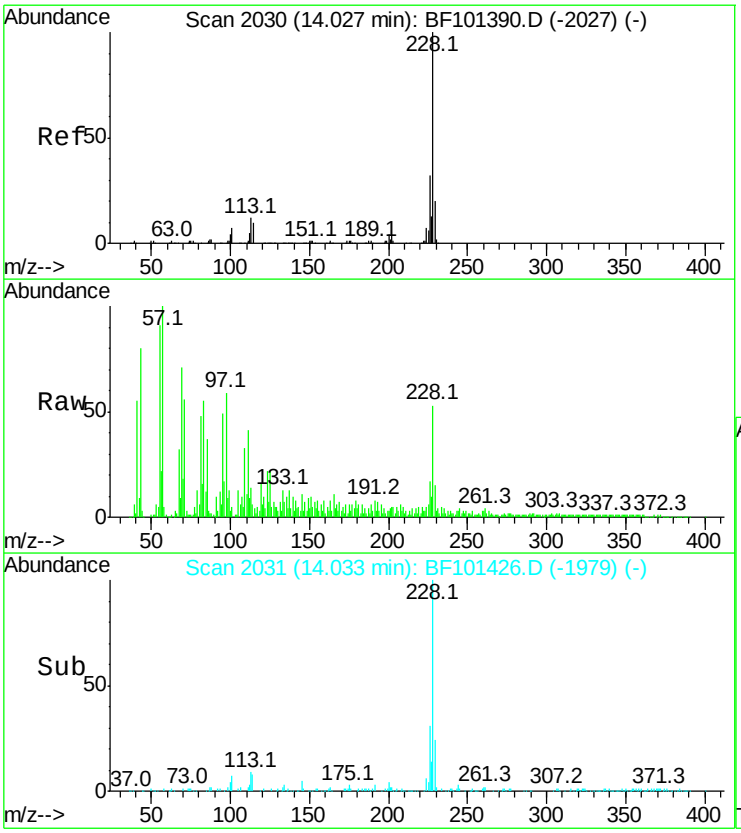
#80
Benzo(a)anthracene
Concen: 6.019 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 93356

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	26.5	15.8	23.6#

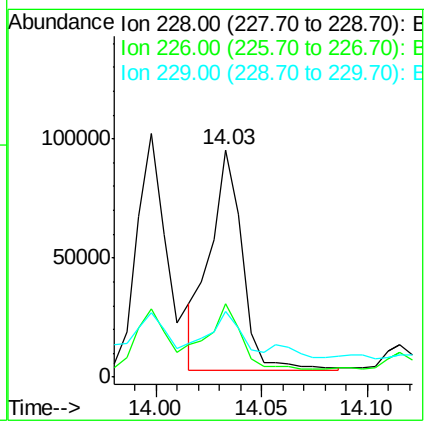


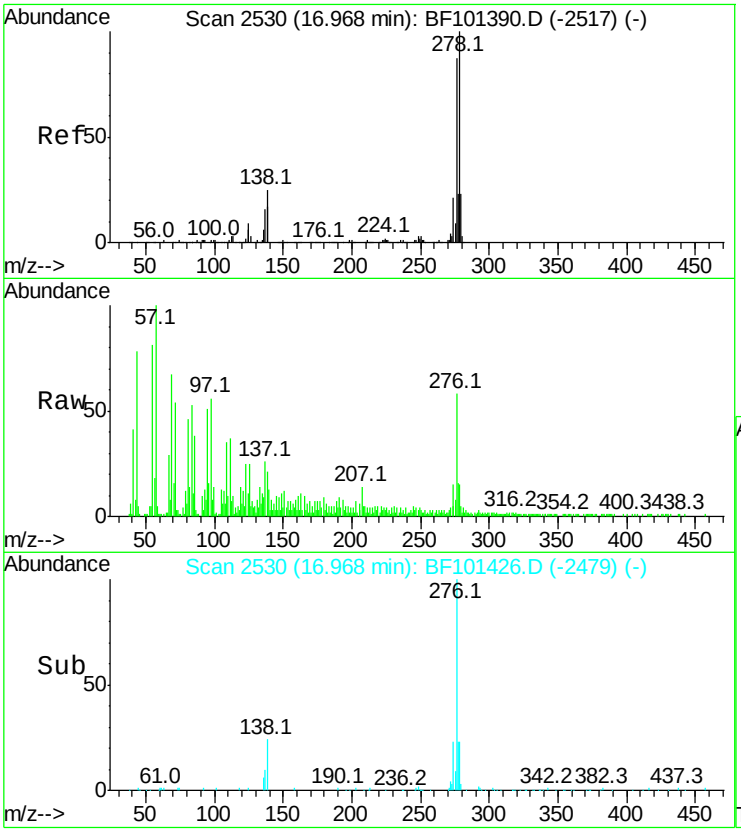


#82
Chrysene
Concen: 6.742 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:228 Resp: 98722

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	29.2	16.2	24.4#



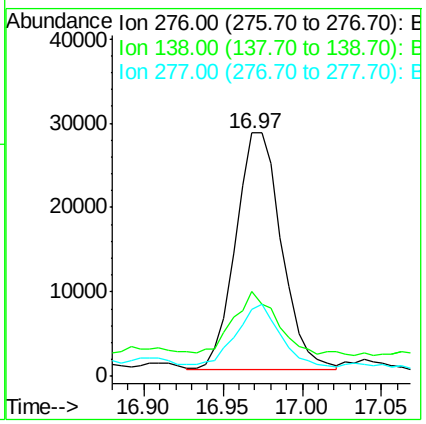


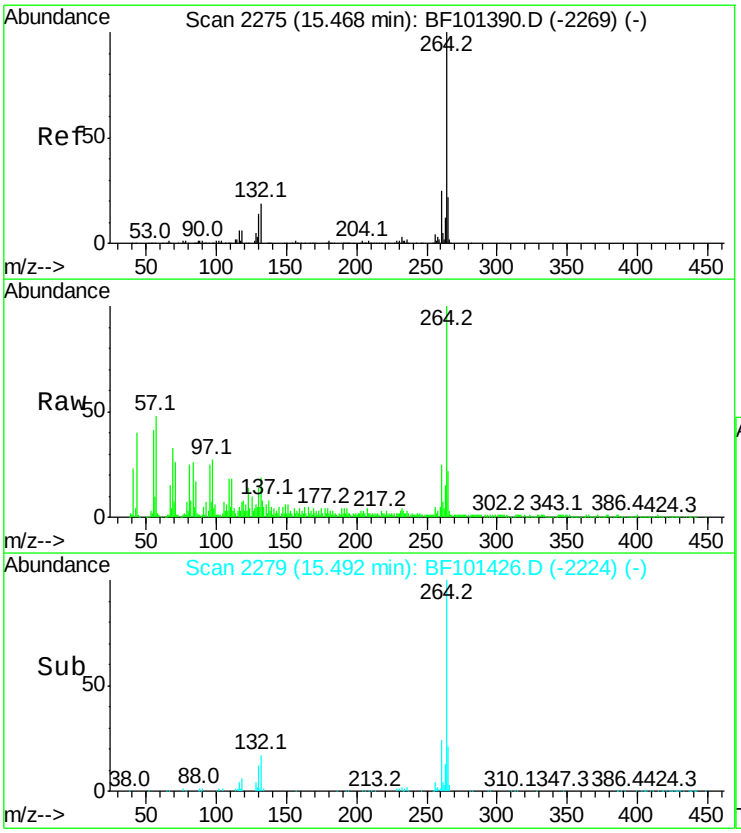
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.310 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 56198

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	25.4	20.1	30.1

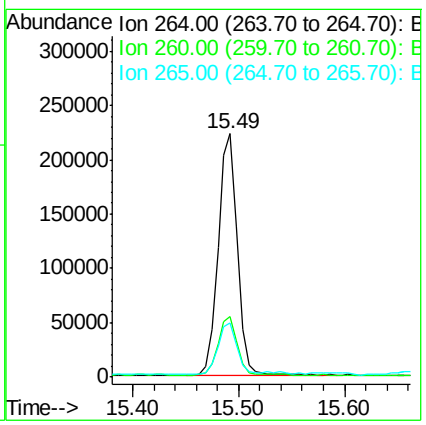


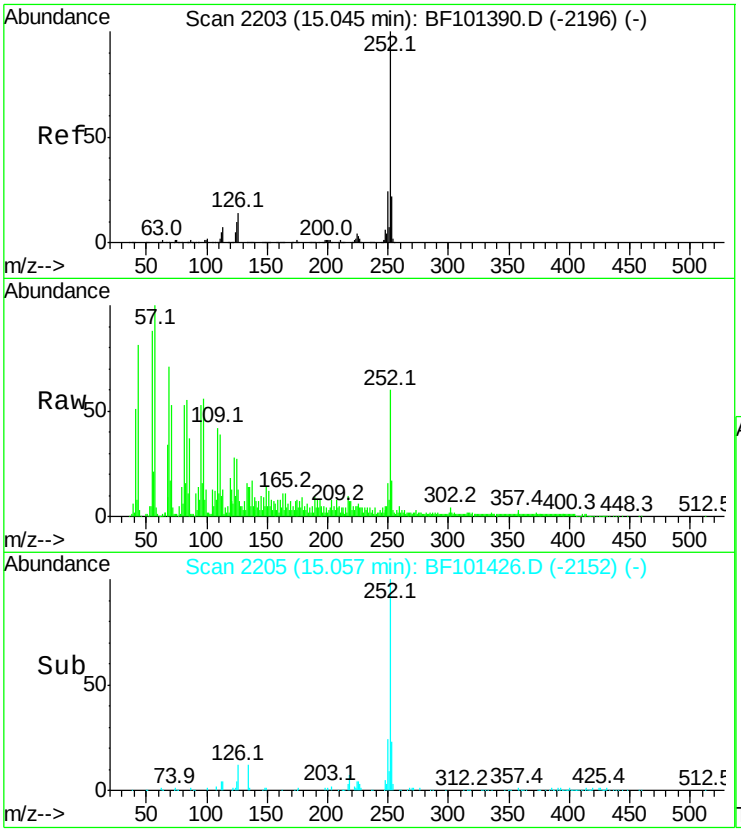


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:264 Resp: 282272

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.0	17.5	26.3



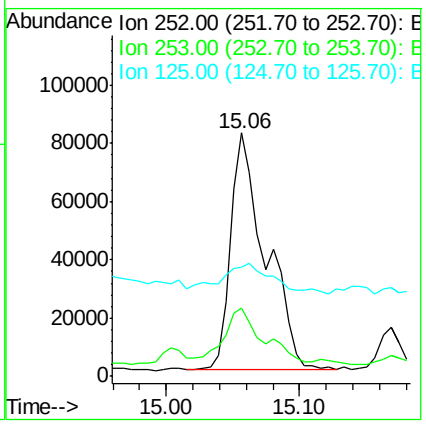


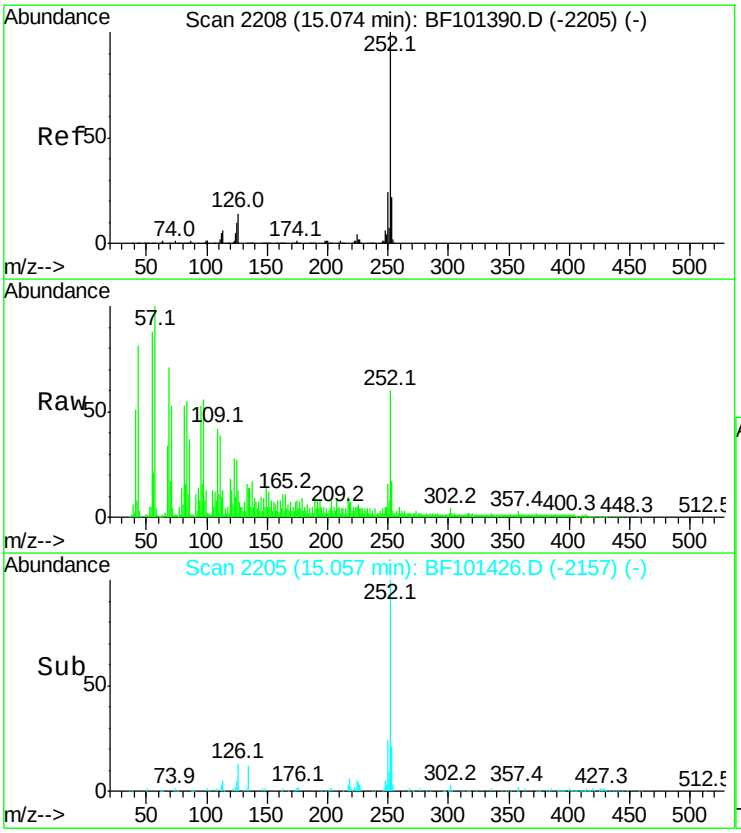
#87
Benzo(b)fluoranthene
Concen: 8.704 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 149747

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.0	25.6#
125	45.0	9.0	13.6#

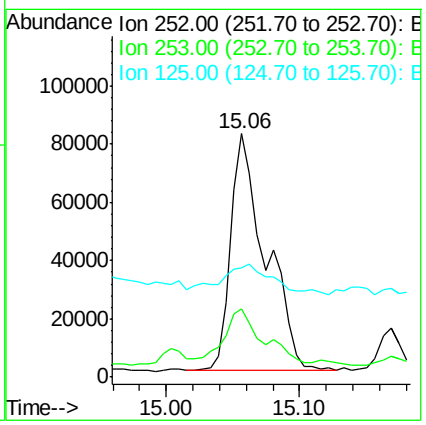


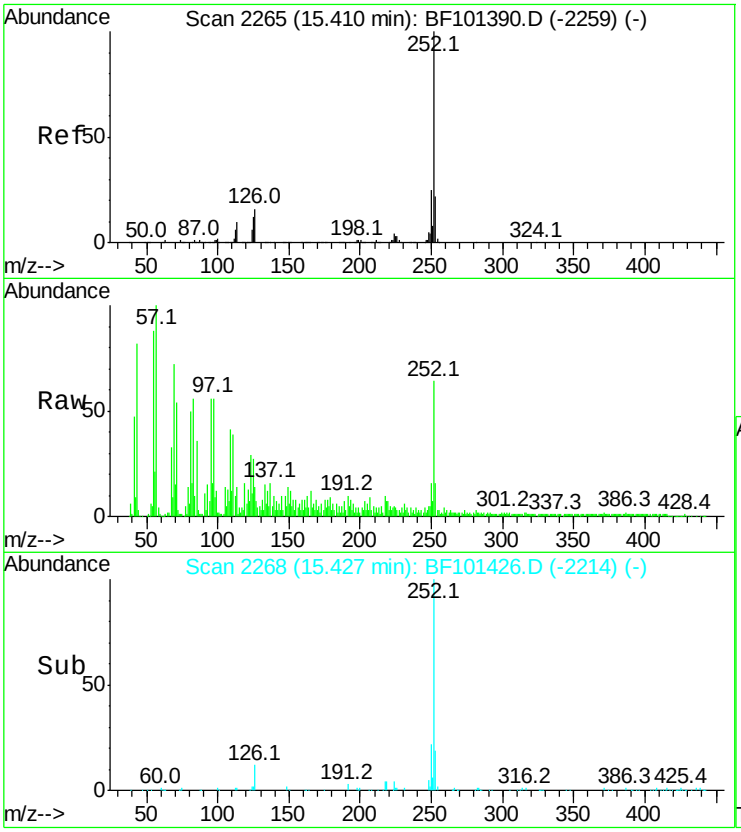


#88
Benzo(k)fluoranthene
Concen: 8.952 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:252 Resp: 149747

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.9	26.9#
125	45.0	10.2	15.2#



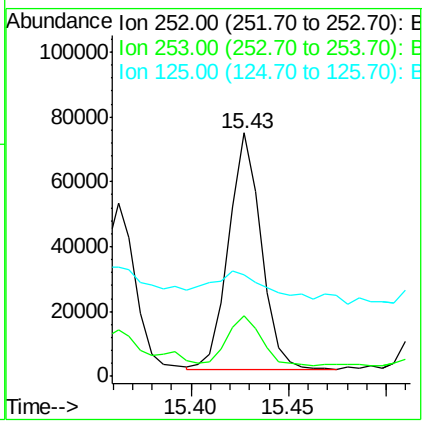


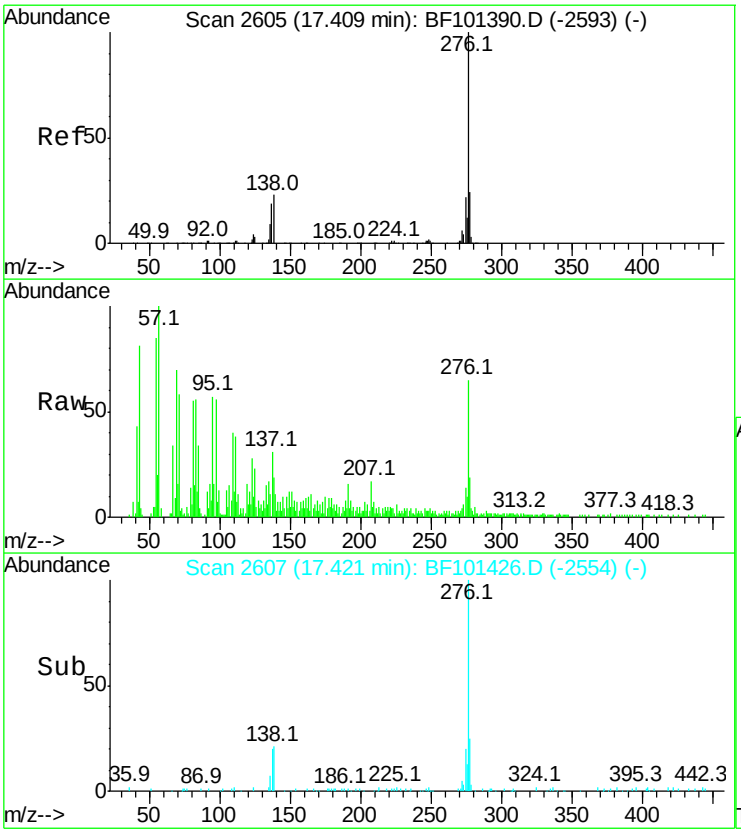
#89
Benzo(a)pyrene
Concen: 5.309 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 84210

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	41.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.850 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF101426.D
Acq: 15 Dec 2017 6:31

Tgt Ion:276 Resp: 51912

Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	30.0	21.8	32.8