Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103449.D
Acq On : 6 Mar 2018 12:17
Operator : SJ/JU
Sample : J1723-13RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 06 12:47:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118249	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	495747	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	218473	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	348035	20.00	ng		0.00
75) Chrysene-d12	14.06	240	220296	20.00	ng		0.00
86) Perylene-d12	15.59	264	216186	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	868776	111.12	ng		0.00
7) Phenol-d6	6.51	99	1060354	110.83	ng		0.00
23) Nitrobenzene-d5	7.44	82	671150	77.31	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	154595	83.60	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	866238	64.41	ng		0.00
78) Terphenyl-d14	12.99	244	587639	64.12	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	592	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.44	70	87529	14.700	ng	#	82
25) Isophorone	7.44	82	671146	39.255	ng	#	64
50) 2,6-Dinitrotoluene	9.91	165	28815	7.835	ng	#	26
55) 4-Nitrophenol	10.12	139	7058	2.440	ng	#	15
56) 2,4-Dinitrotoluene	9.91	165	28815	6.195	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	282	5.065	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	10794	2.977	ng	#	1
70) Phenanthrene	11.43	178	232620	12.145	ng		98
71) Anthracene	11.49	178	68472	3.486	ng		98
74) Fluoranthene	12.63	202	353848	18.384	ng		100
77) Pyrene	12.86	202	338983	19.736	ng		100
80) Benzo(a)anthracene	14.06	228	164723	11.524	ng		97
82) Chrysene	14.09	228	155494	11.204	ng		99
85) Indeno(1,2,3-cd)pyrene	17.13	276	74119	6.746	ng		98
87) Benzo(b)fluoranthene	15.14	252	265958	18.711	ng	#	91
88) Benzo(k)fluoranthene	15.14	252	265958	19.870	ng	#	94
89) Benzo(a)pyrene	15.52	252	139255	10.971	ng	#	92
90) Dibenzo(a,h)anthracene	17.12	278	20709	2.111	ng	#	75
91) Benzo(g,h,i)perylene	17.60	276	72483	7.561	ng	#	91

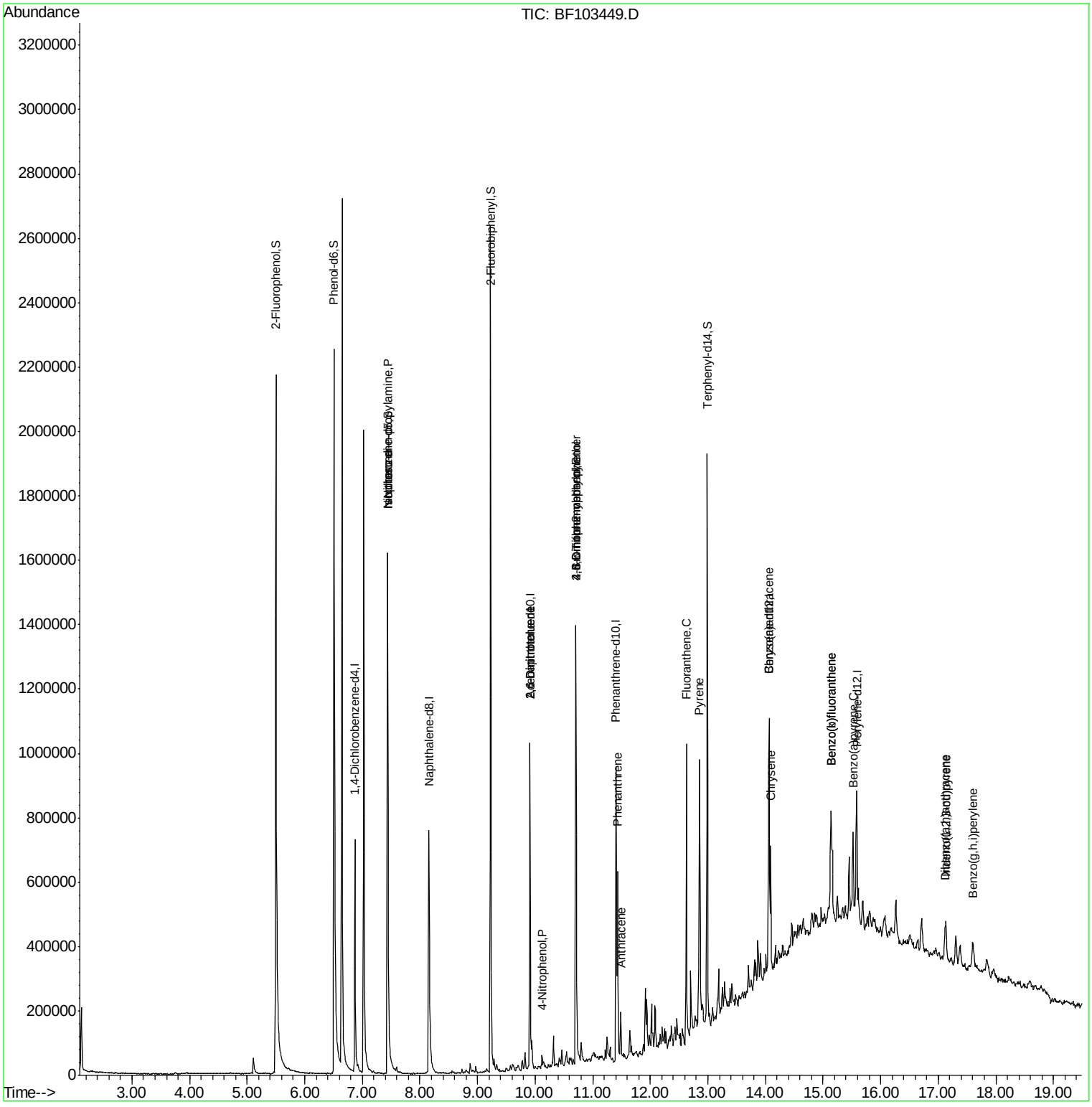
(#) = qualifier out of range (m) = manual integration (+) = signals summed

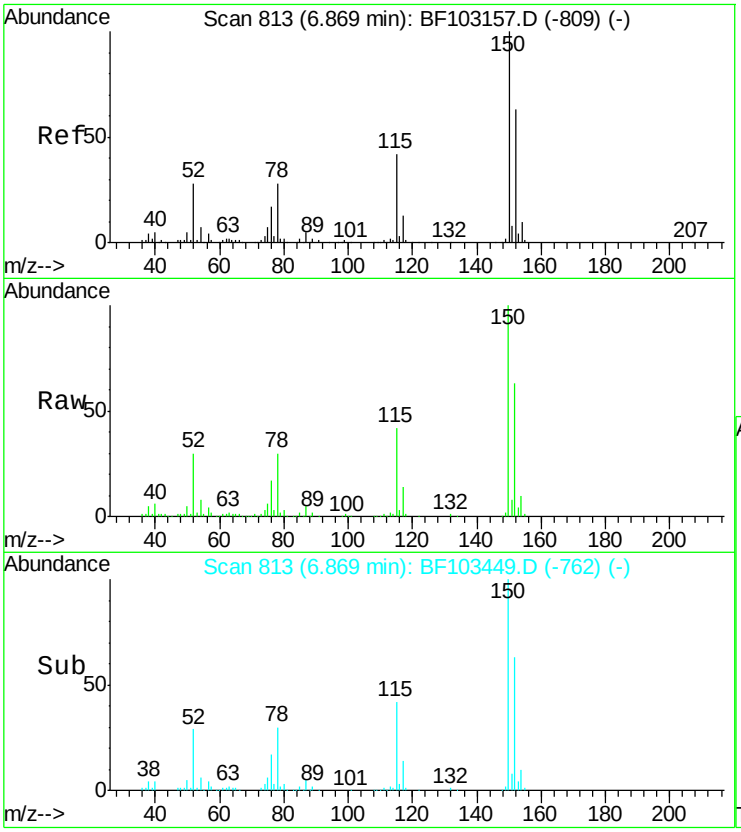
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103449.D
Acq On : 6 Mar 2018 12:17
Operator : SJ/JU
Sample : J1723-13RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 12:47:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration



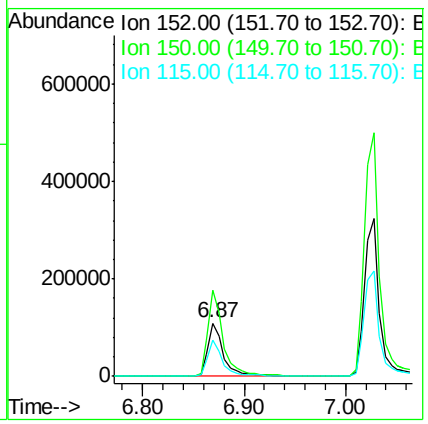


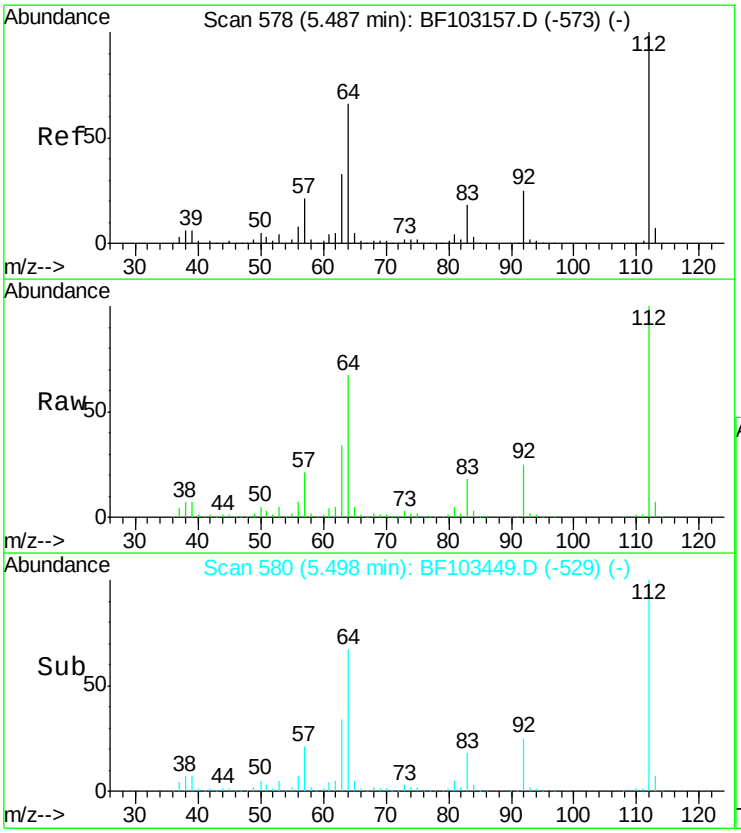
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118249

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	66.8	50.1	75.1

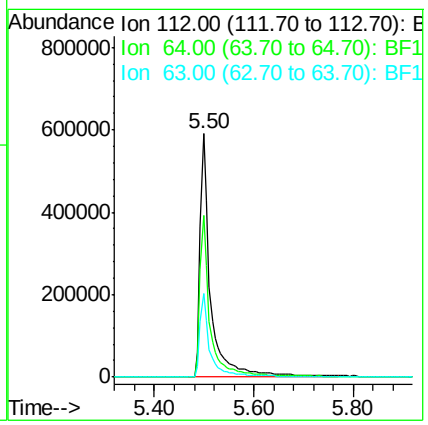


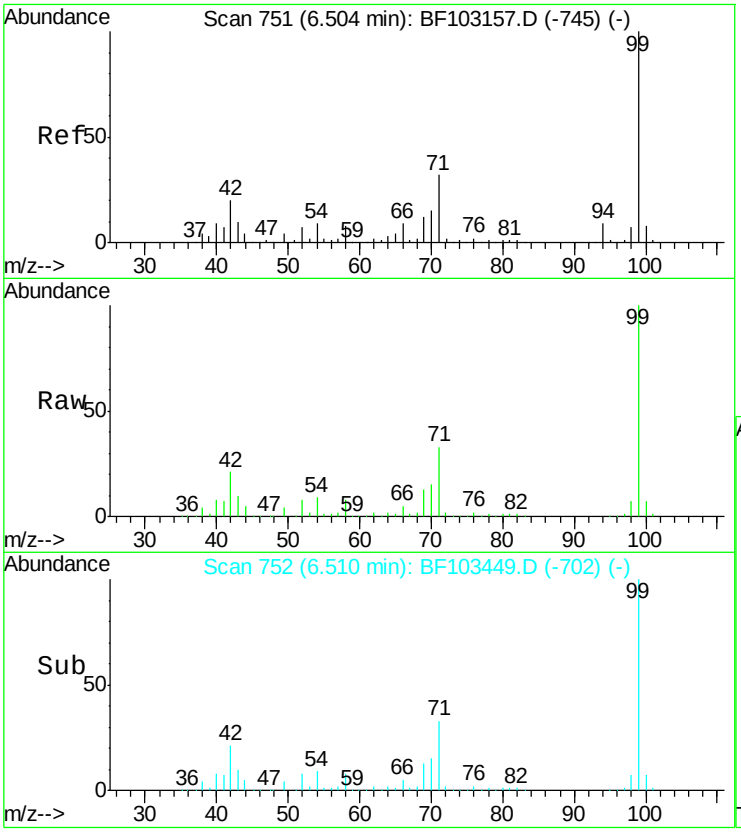


#5
2-Fluorophenol
Concen: 111.118 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:112 Resp: 868776

Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	34.4	23.7	35.5



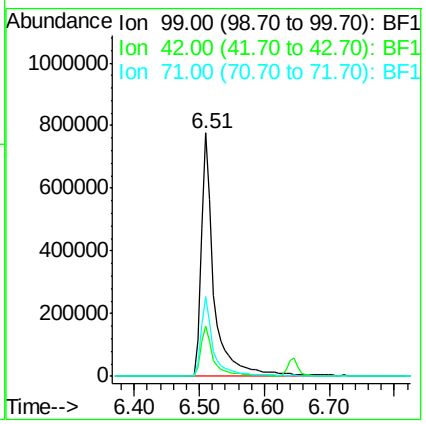


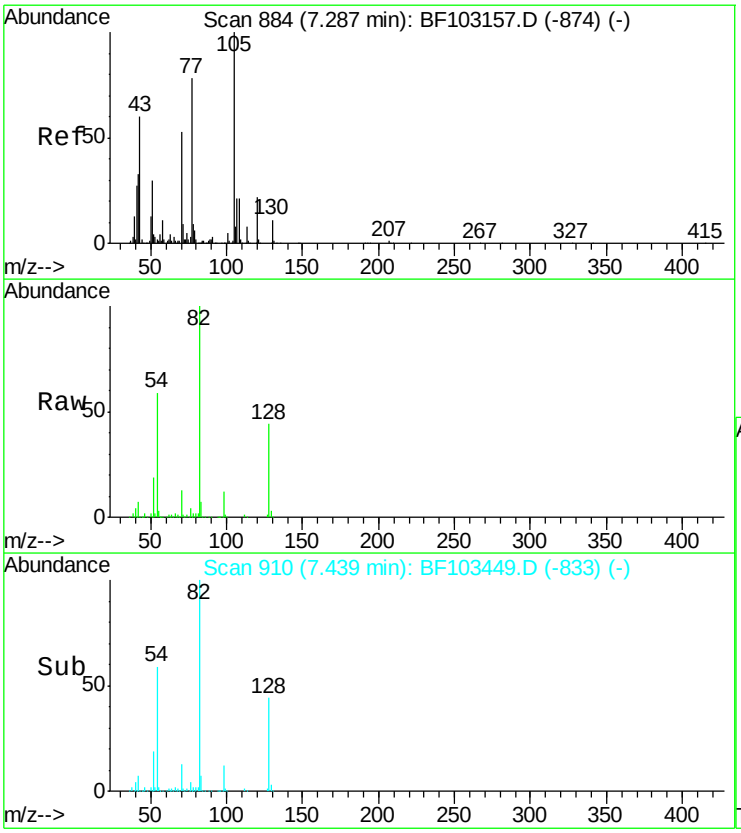
#7
Phenol-d6
Concen: 110.834 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1060354

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	32.7	25.4	38.0

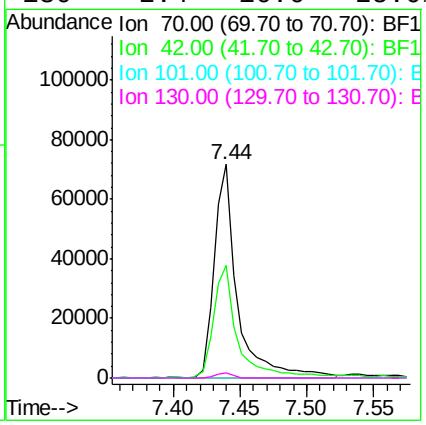


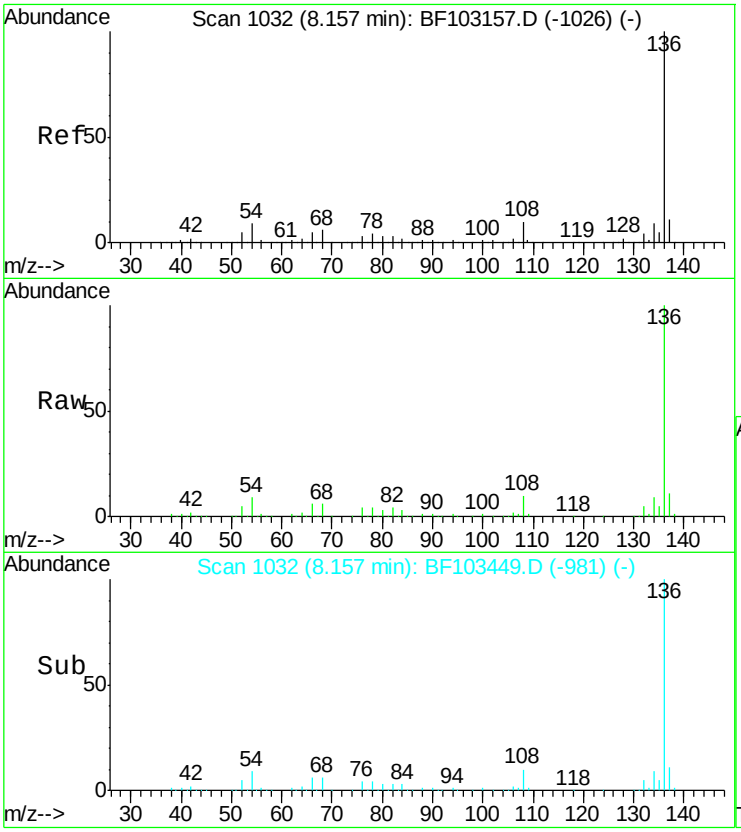


#19
n-Nitroso-di-n-propylamine
Concen: 14.700 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion: 70 Resp: 87529

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



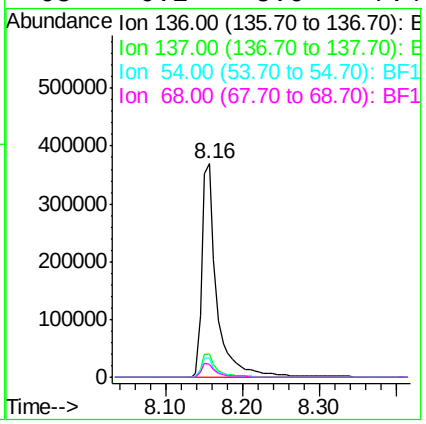


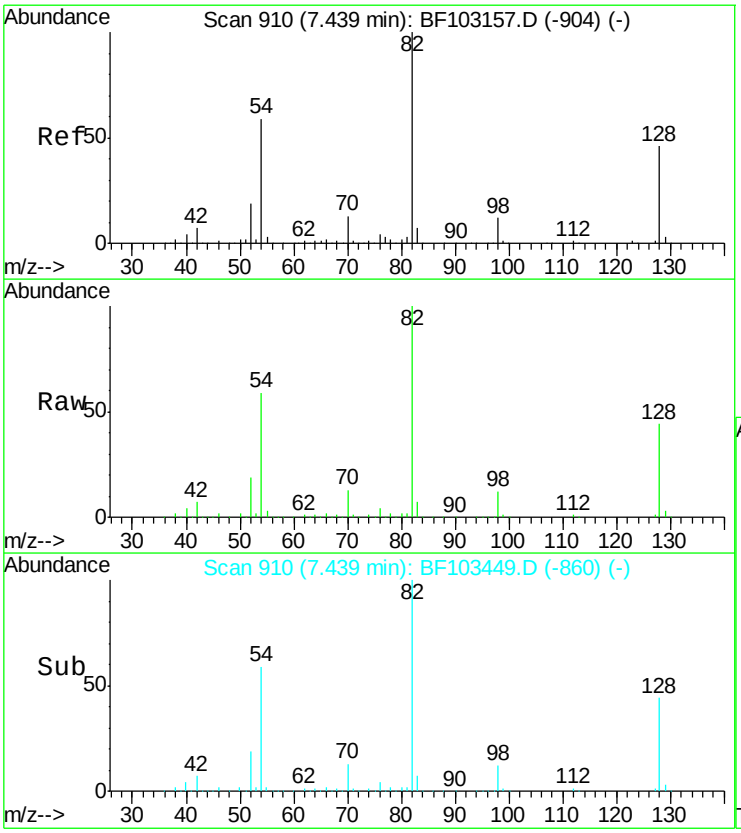
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 495747

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4

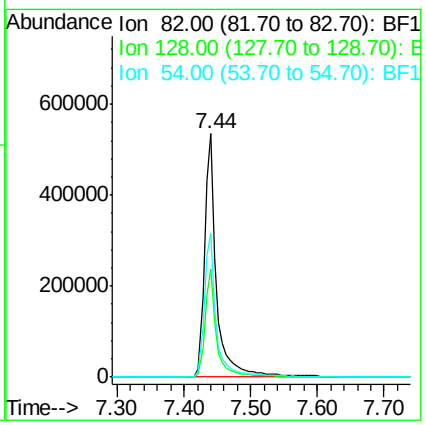


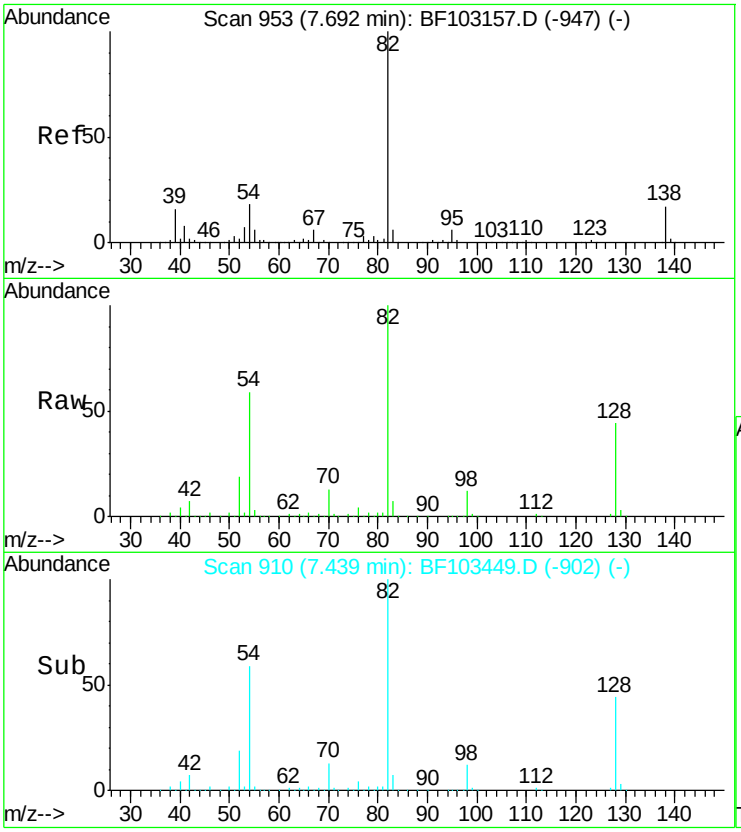


#23
Nitrobenzene-d5
Concen: 77.314 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion: 82 Resp: 671150

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	59.2	41.4	62.2



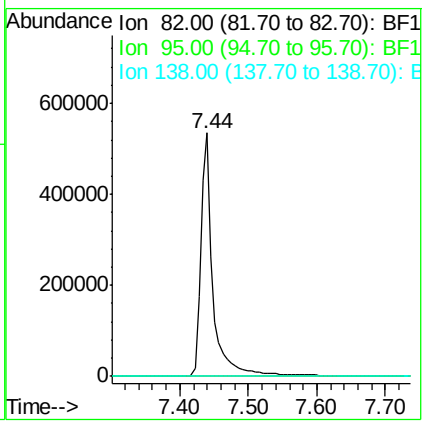


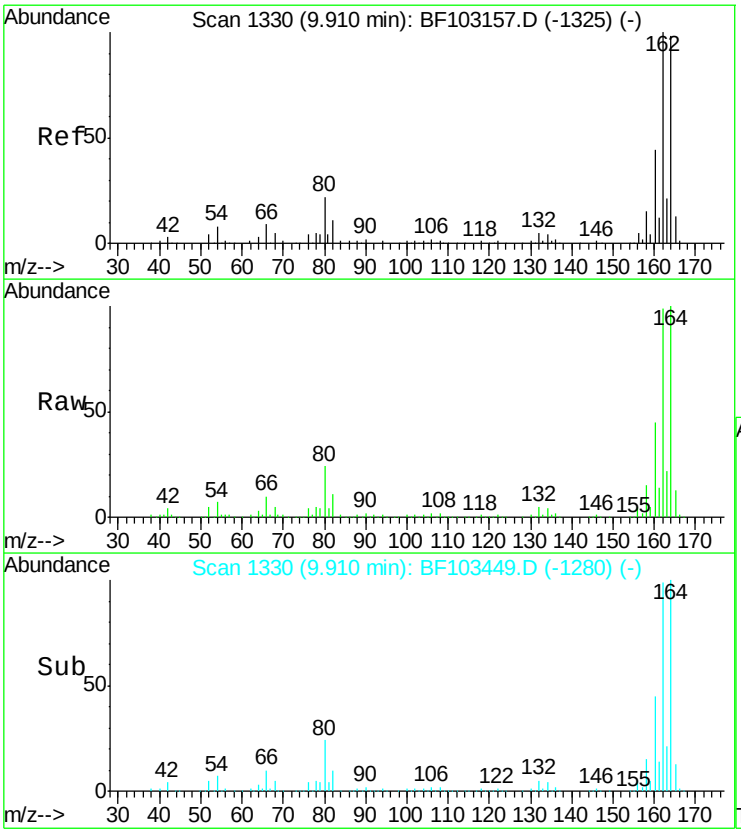
#25
Isophorone
Concen: 39.255 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 671146

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

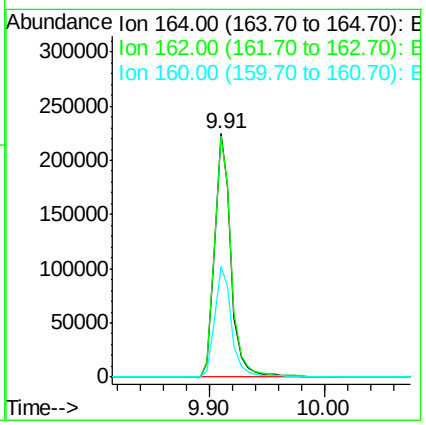


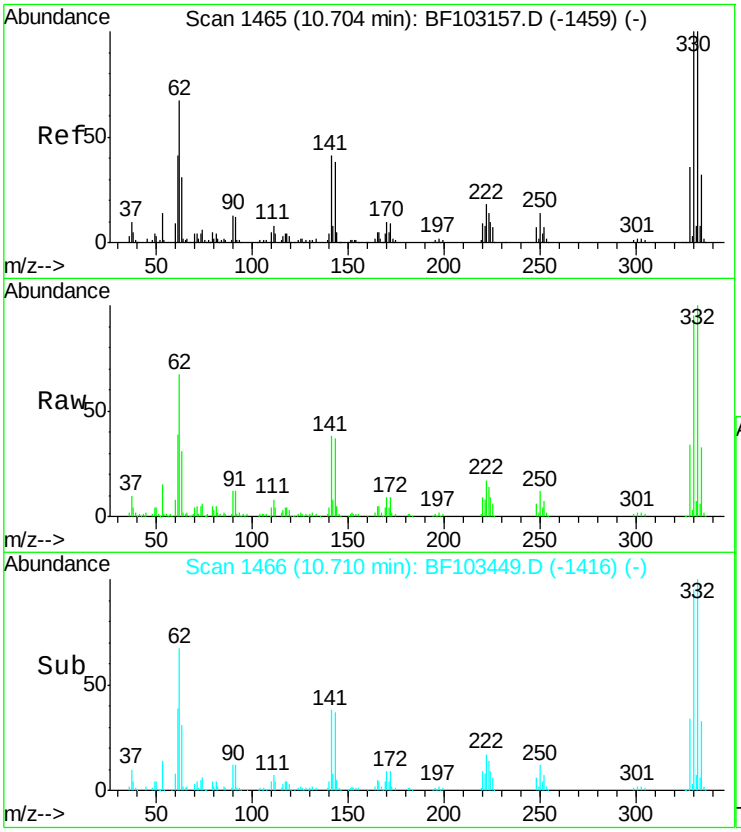


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:164 Resp: 218473

Ion	Ratio	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	45.2	38.3	57.5



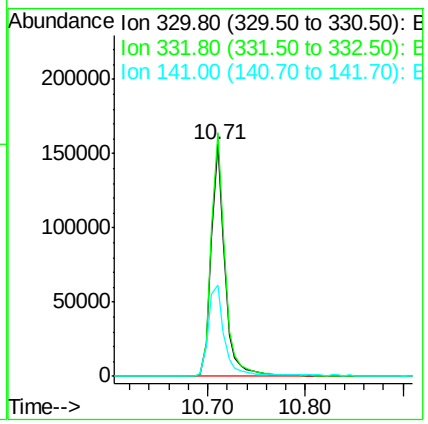


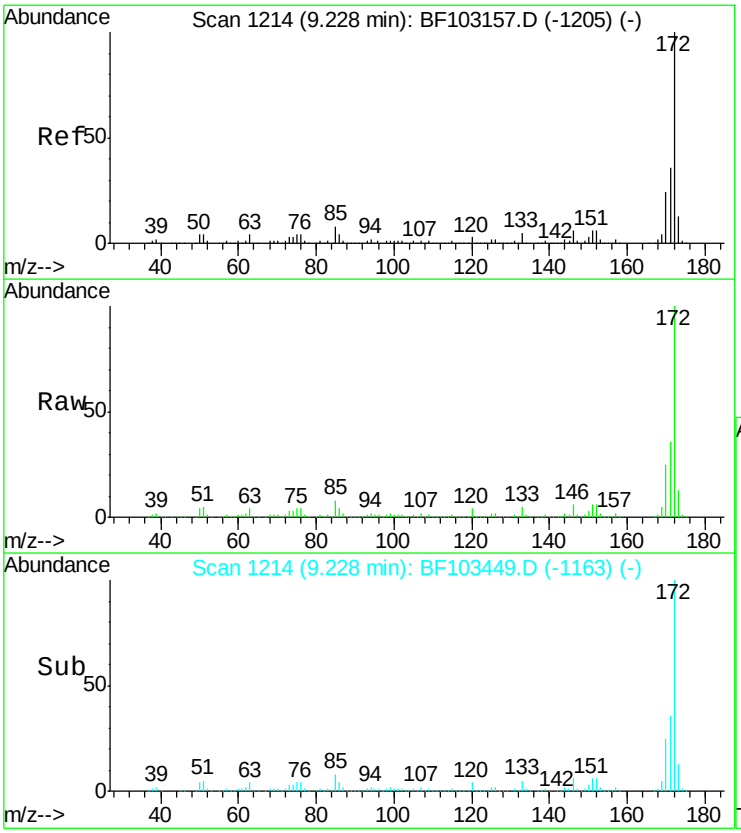
#41
2,4,6-Tribromophenol
Concen: 83.599 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 154595

Ion	Ratio	Lower	Upper
330	100		
332	106.2	77.0	115.6
141	46.4	29.9	44.9#

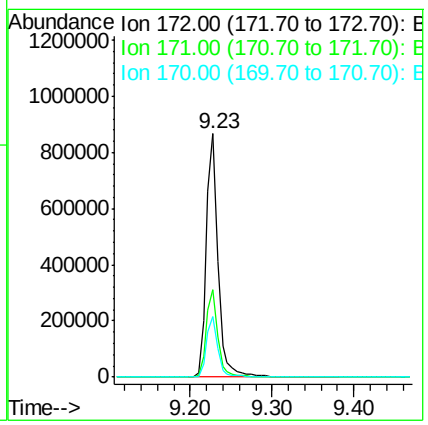


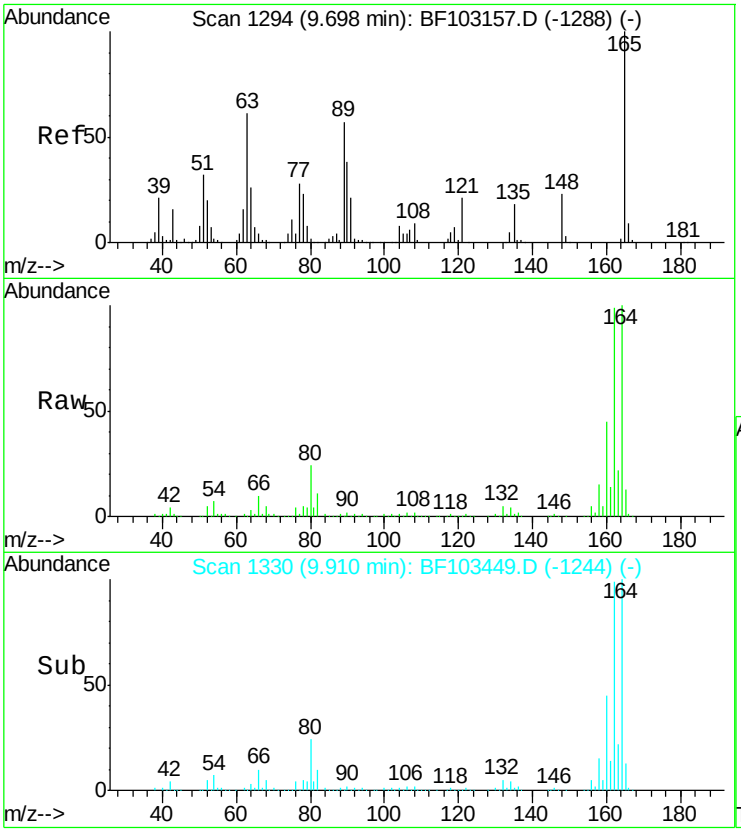


#44
2-Fluorobiphenyl
Concen: 64.406 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:172 Resp: 866238

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4



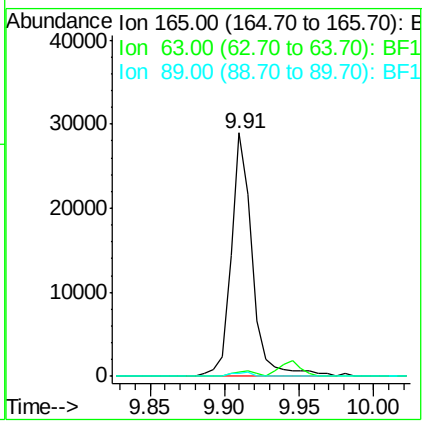


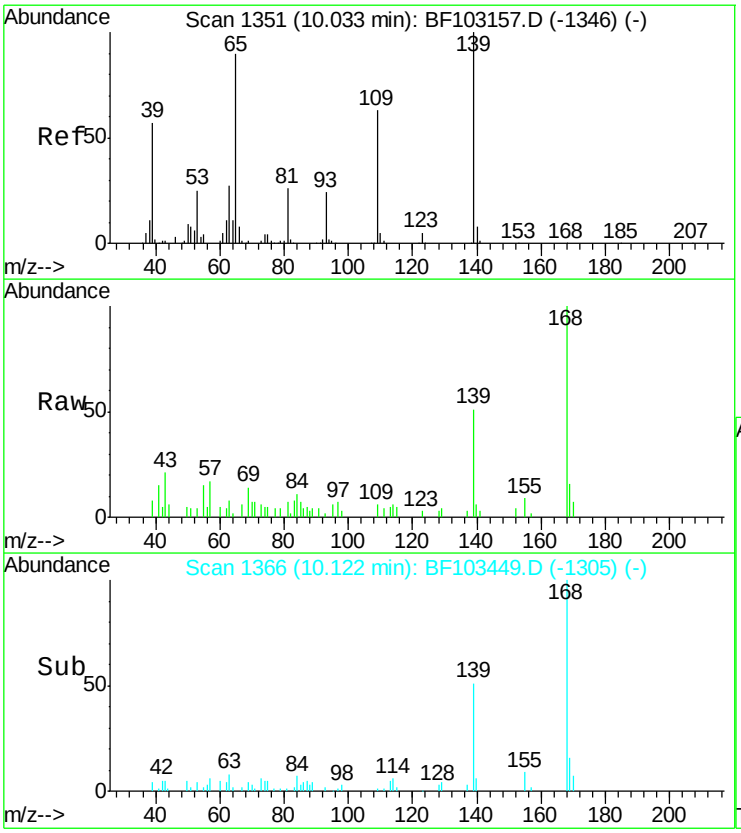
#50
2,6-Dinitrotoluene
Concen: 7.835 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28815

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.1	44.0	66.0#

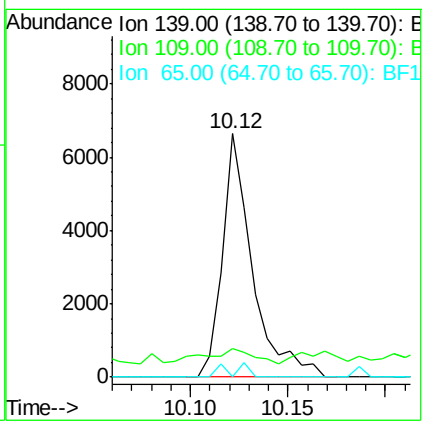


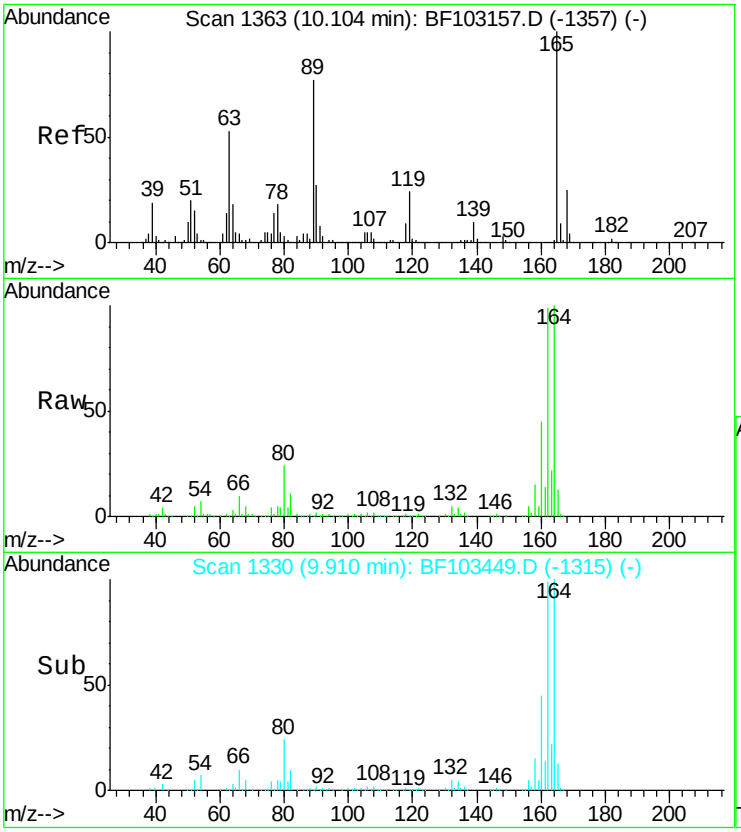


#55
4-Nitrophenol
Concen: 2.440 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.06 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:139 Resp: 7058

Ion	Ratio	Lower	Upper
139	100		
109	11.9	48.4	88.4#
65	0.0	72.6	112.6#



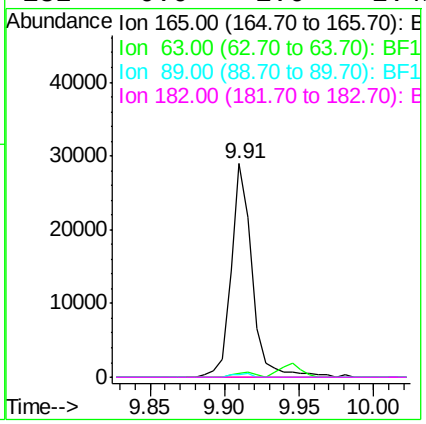


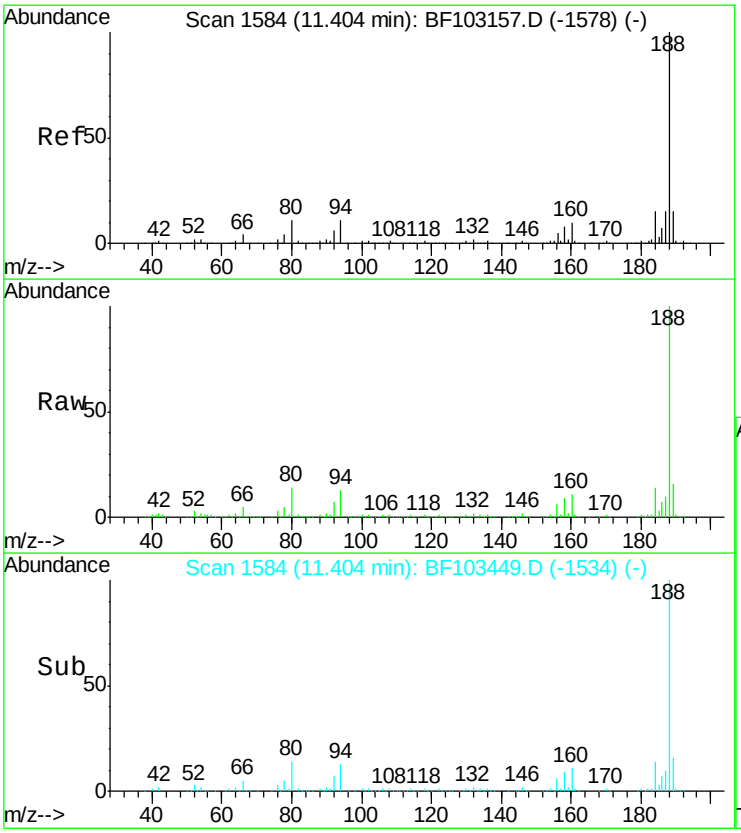
#56
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28815

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

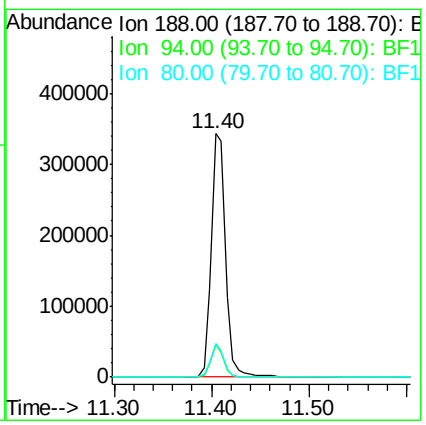


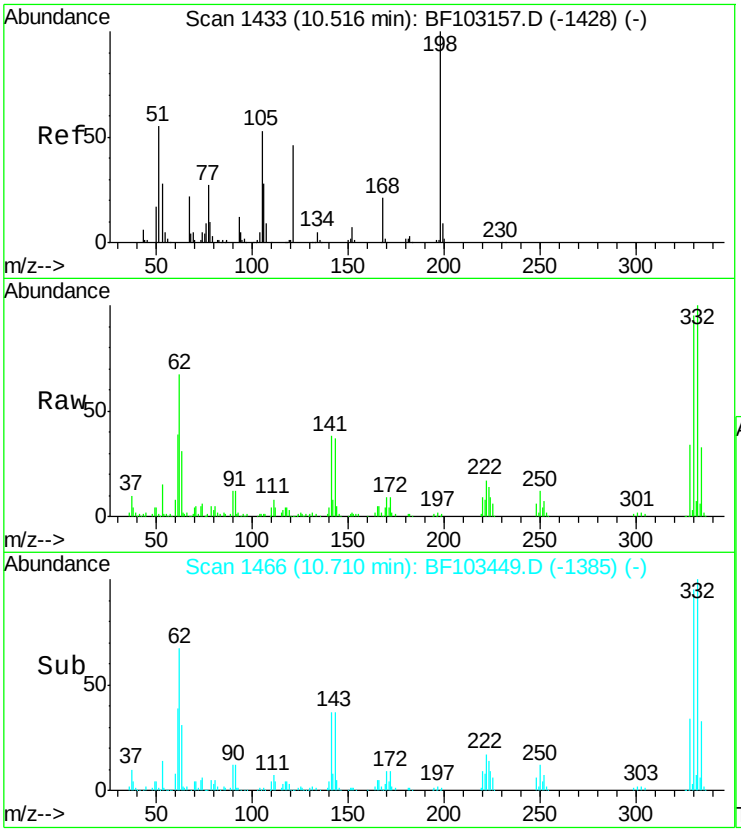


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:188 Resp: 348035

Ion	Ratio	Lower	Upper
188	100		
94	13.1	8.5	12.7#
80	13.7	9.2	13.8



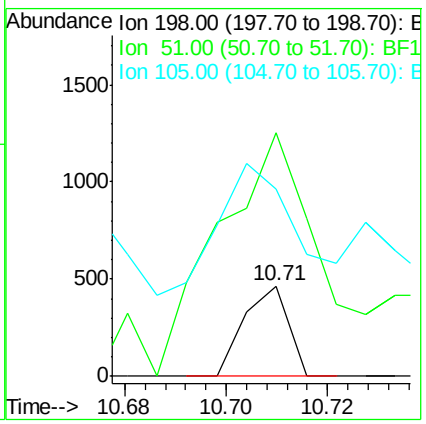


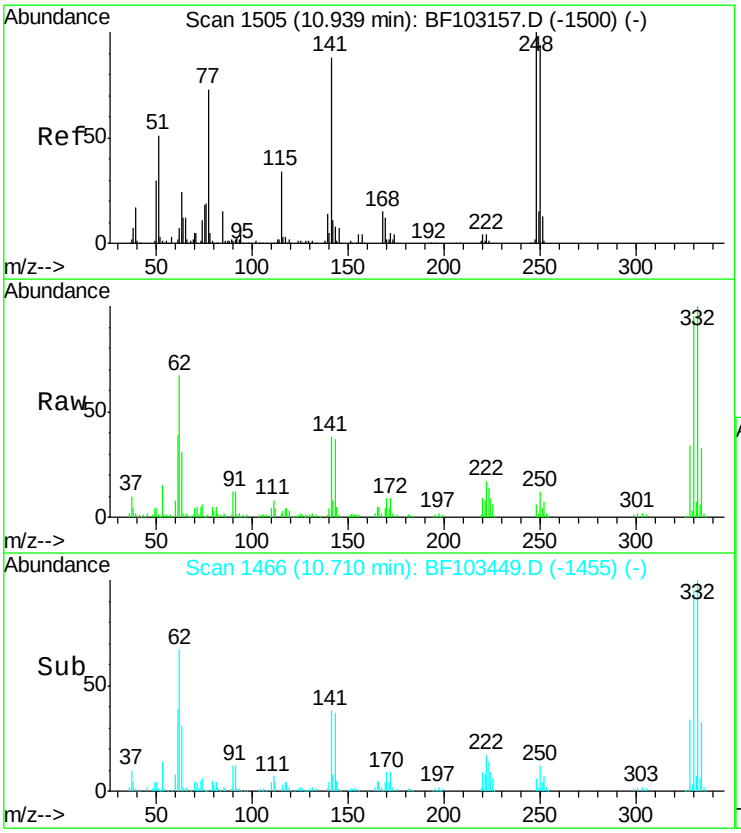
#64
4,6-Dinitro-2-methylphenol
Concen: 5.065 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 282

Ion	Ratio	Lower	Upper
198	100		
51	268.9	37.7	77.7#
105	207.3	36.3	76.3#

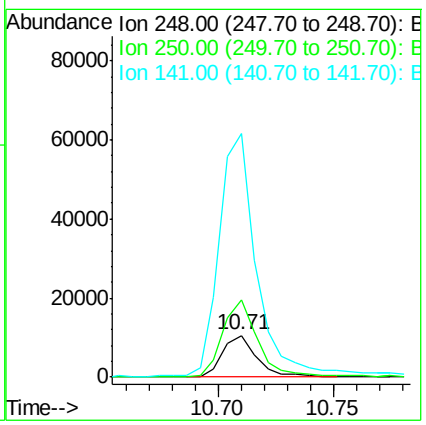


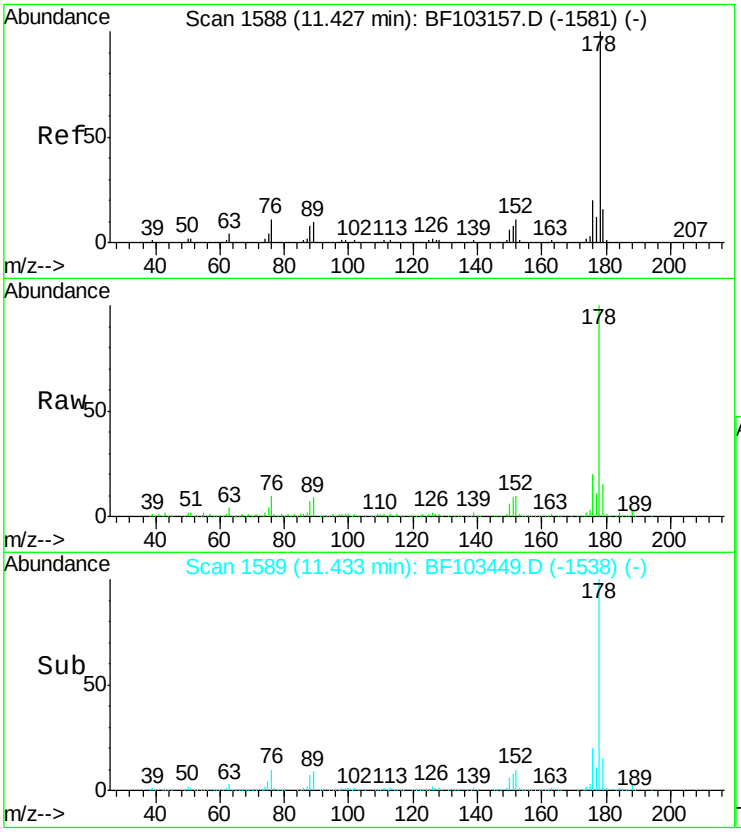


#66
4-Bromophenyl-phenylether
Concen: 2.977 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:248 Resp: 10794

Ion	Ratio	Lower	Upper
248	100		
250	184.8	76.9	115.3#
141	583.5	74.4	111.6#



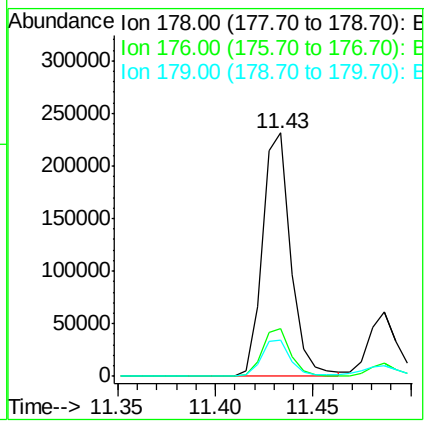


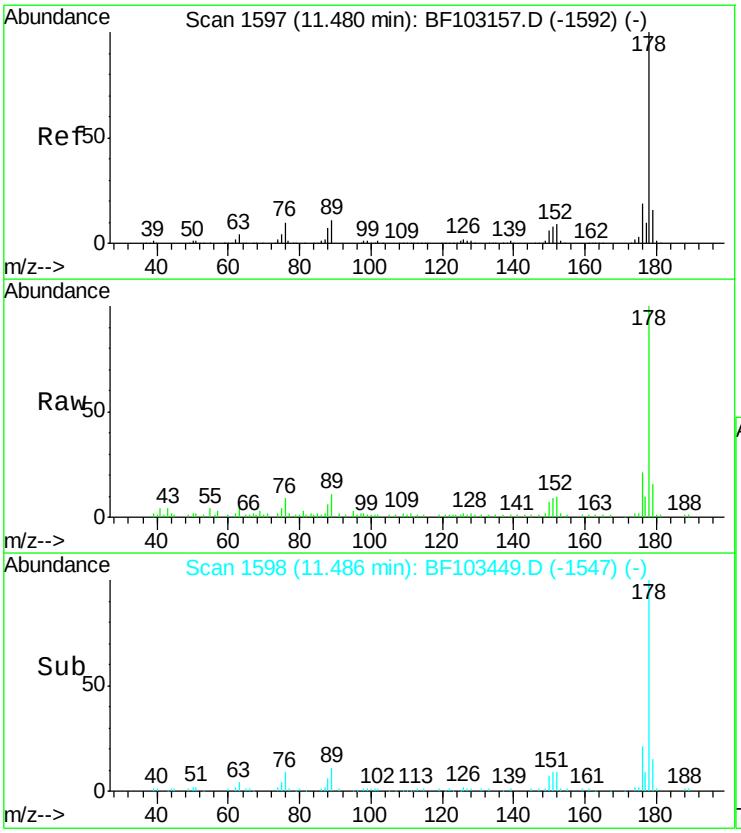
#70
Phenanthrene
Concen: 12.145 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 232620

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.8	13.0	19.6

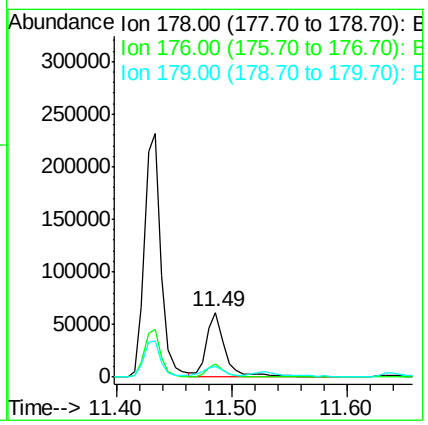


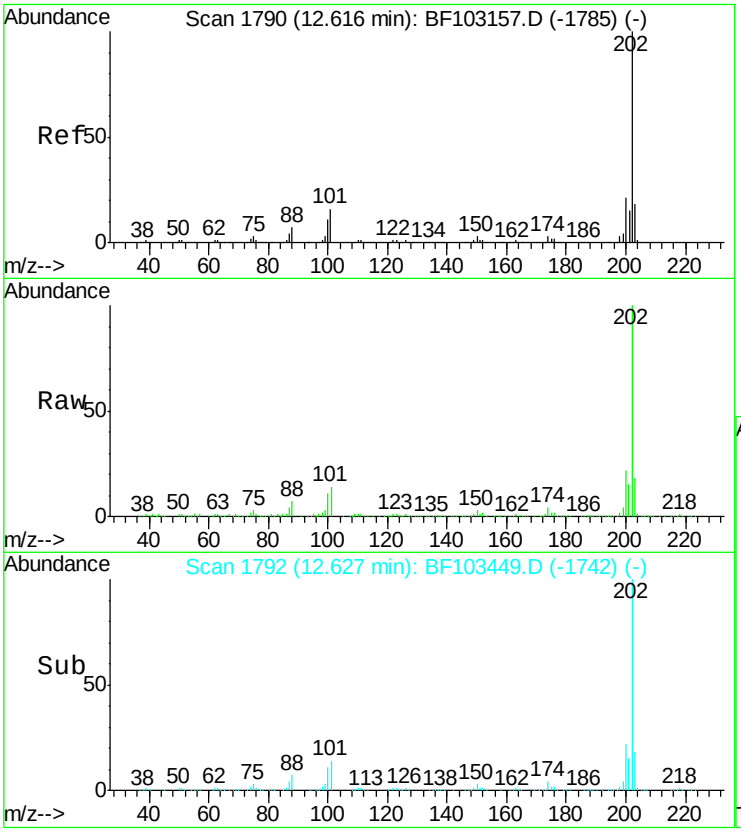


#71
Anthracene
Concen: 3.486 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:178 Resp: 68472

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	15.7	12.6	19.0



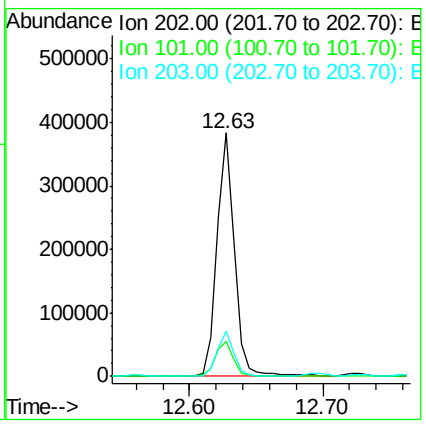


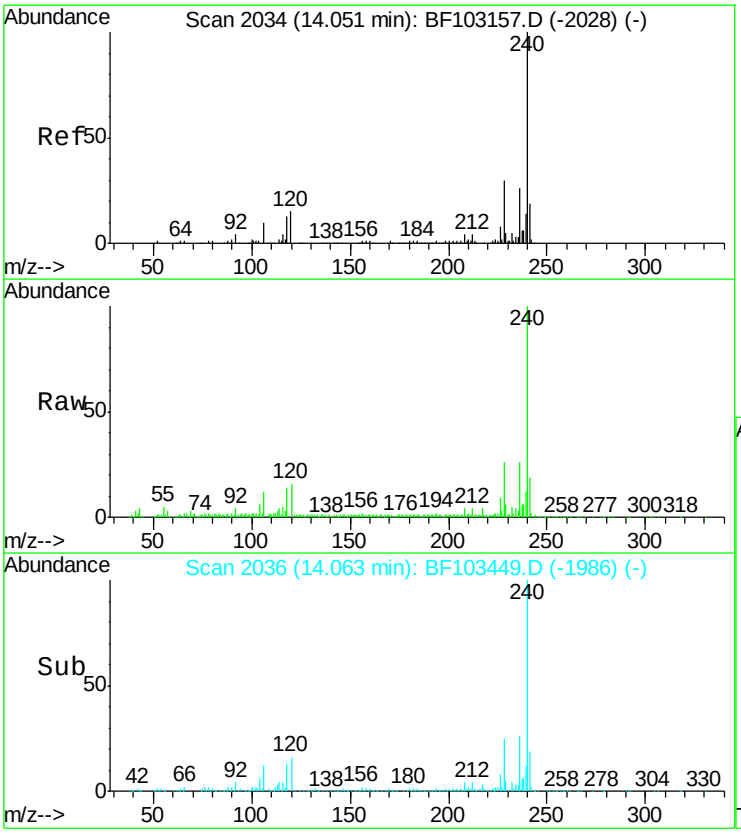
#74
Fluoranthene
Concen: 18.384 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 353848

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	18.3	0.0	38.1

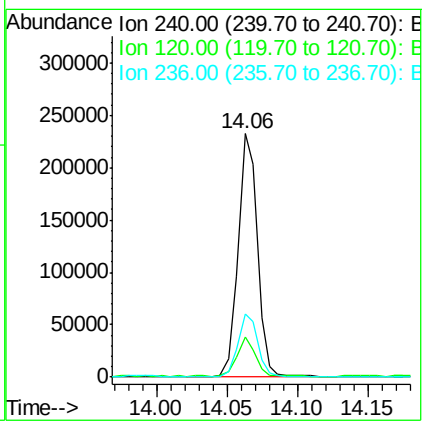


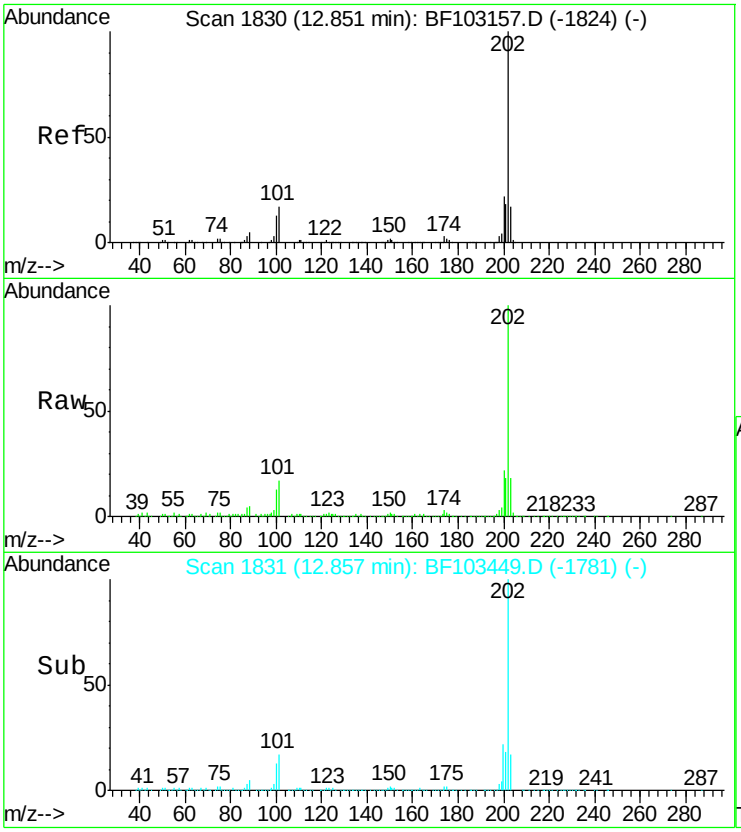


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:240 Resp: 220296

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	25.8	20.7	31.1



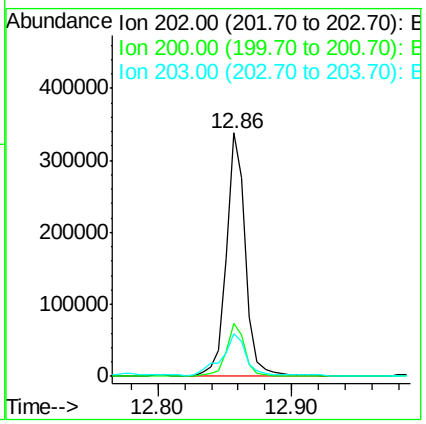


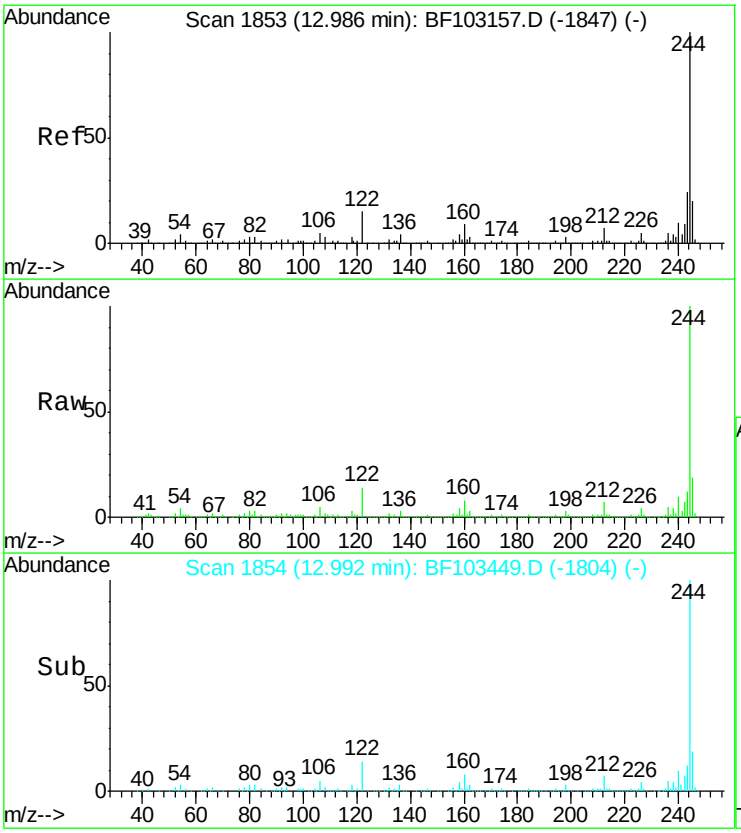
#77
Pyrene
Concen: 19.736 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 338983

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

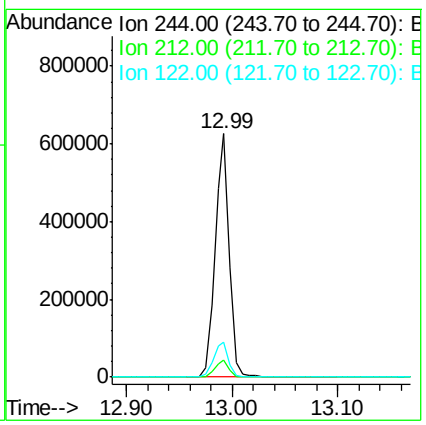


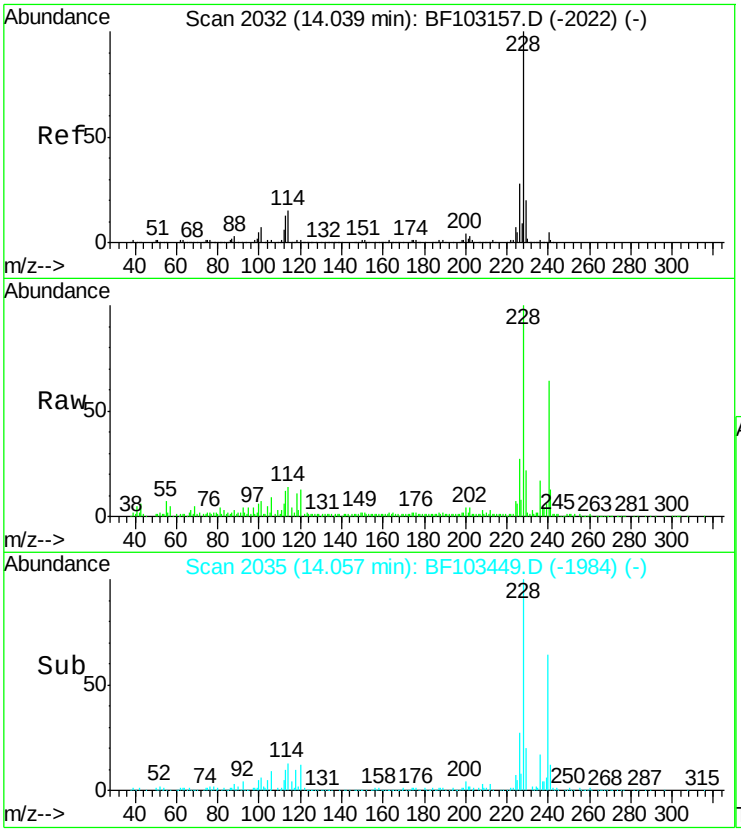


#78
Terphenyl-d14
Concen: 64.123 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:244 Resp: 587639

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	11.0	16.4



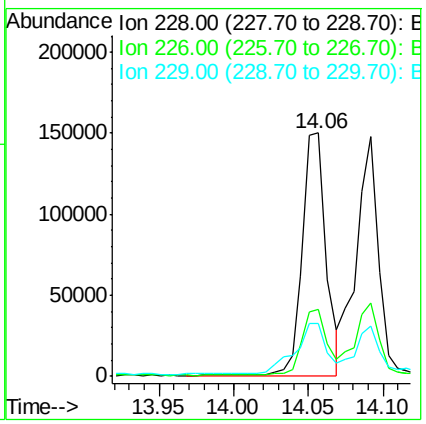


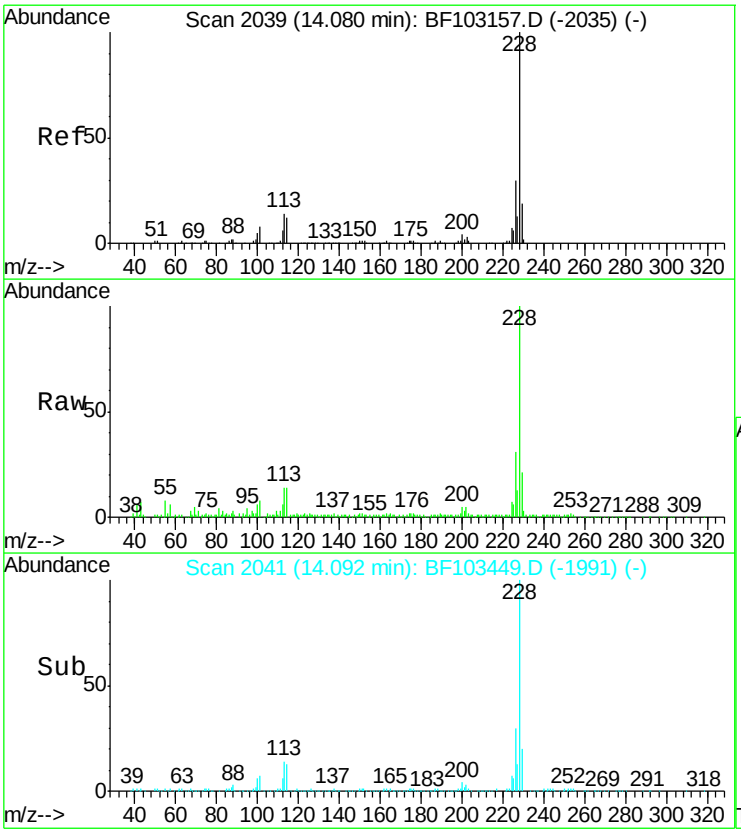
#80
Benzo(a)anthracene
Concen: 11.524 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 164723

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.6	15.8	23.6

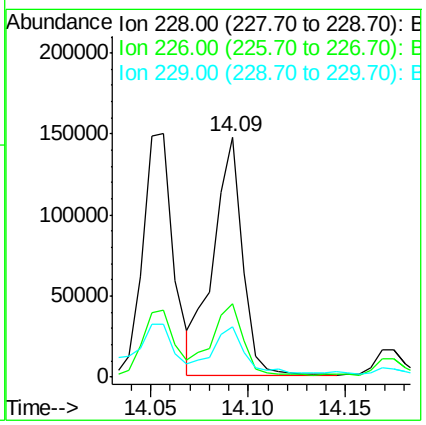


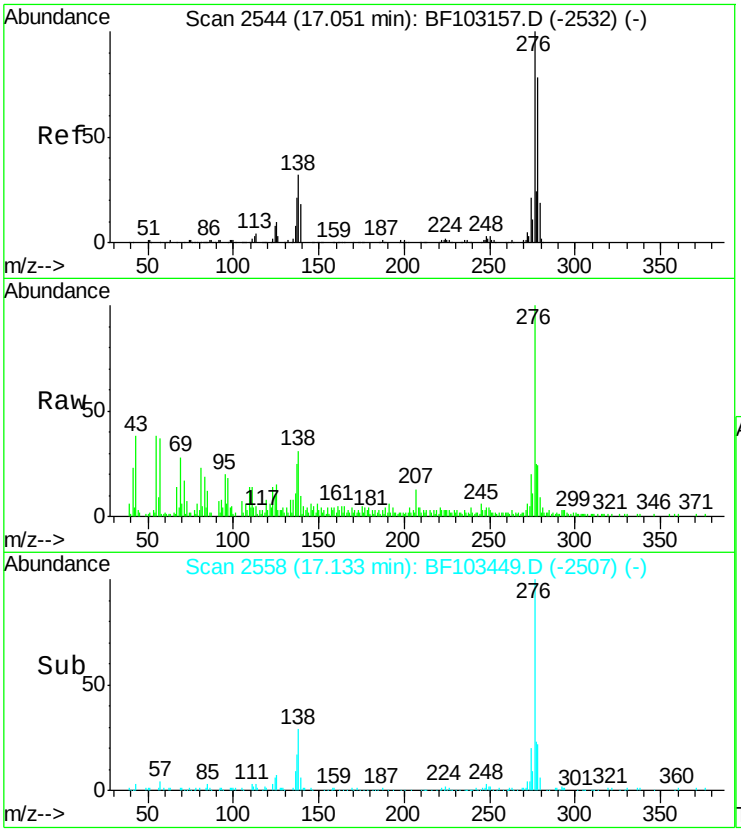


#82
Chrysene
Concen: 11.204 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:228 Resp: 155494

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.1	16.2	24.4



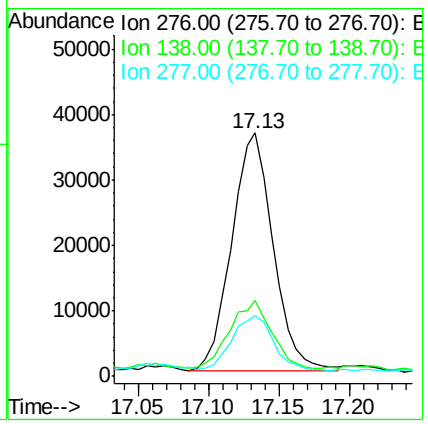


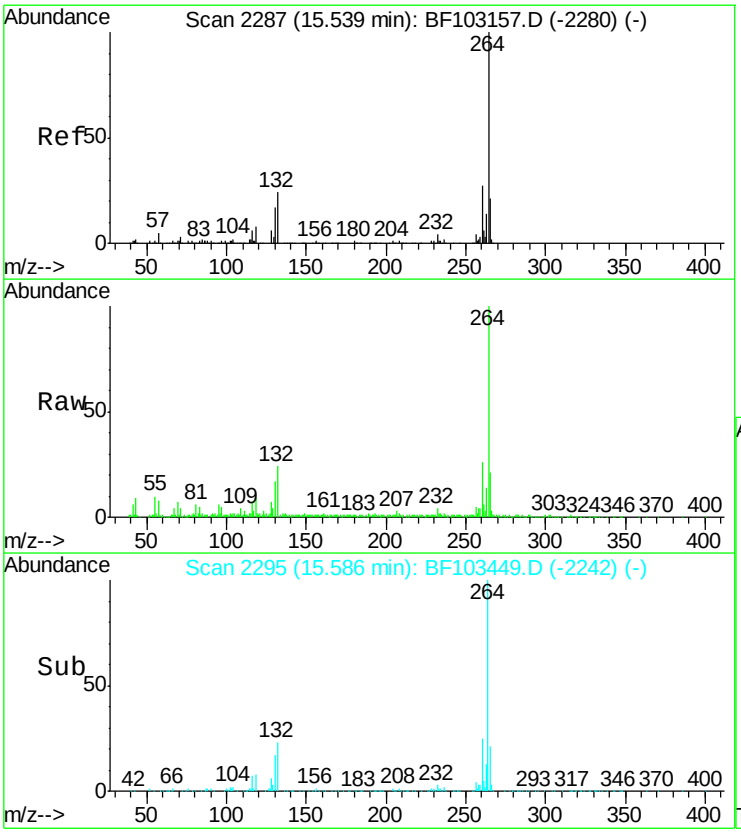
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.746 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 74119

Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	23.9	20.1	30.1

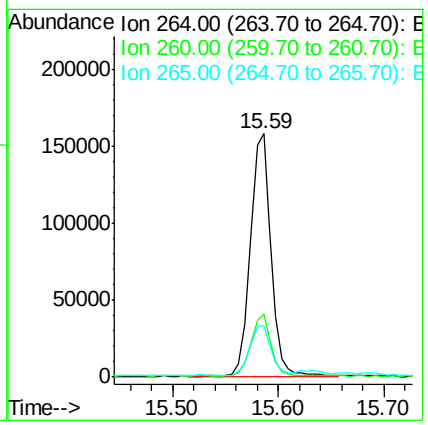


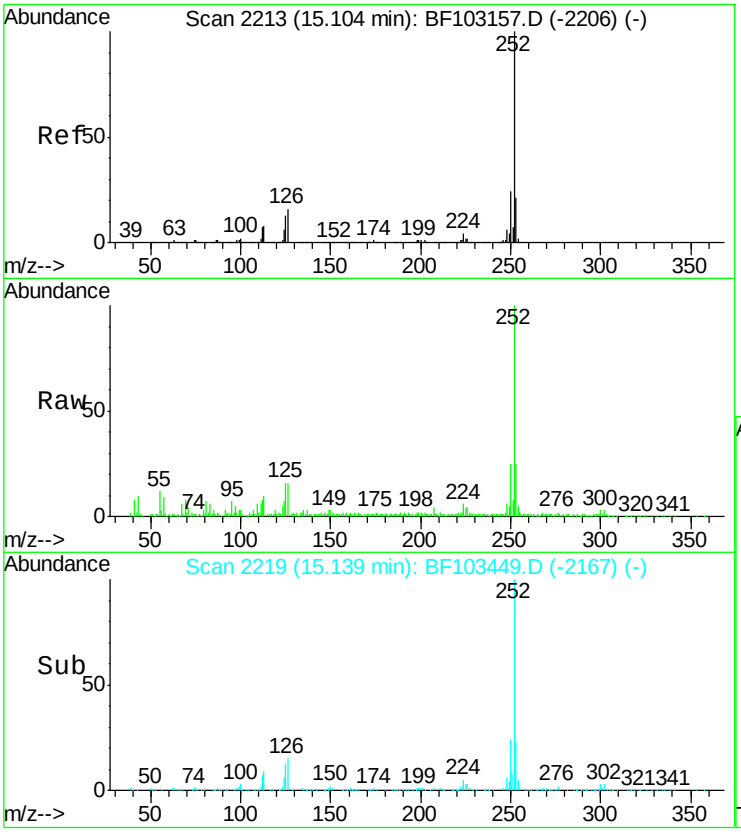


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:264 Resp: 216186

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	21.3	17.5	26.3



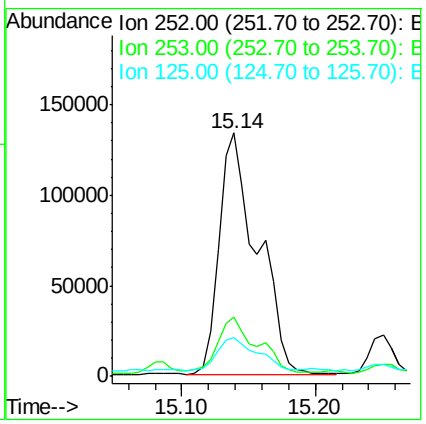


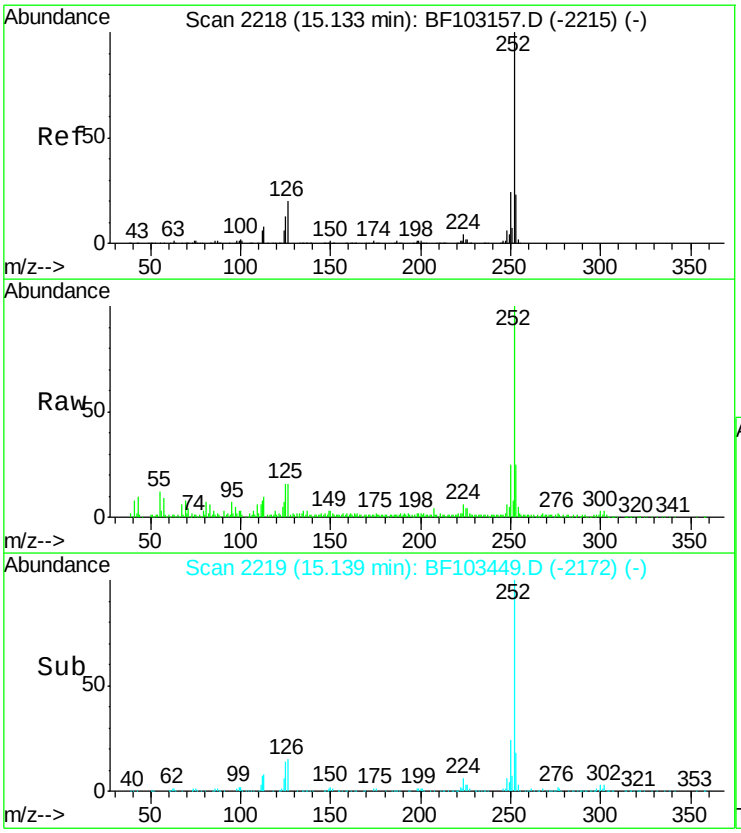
#87
Benzo(b)fluoranthene
Concen: 18.711 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 265958

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	16.0	9.0	13.6#

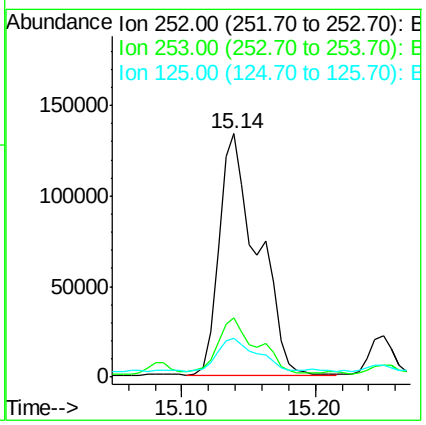


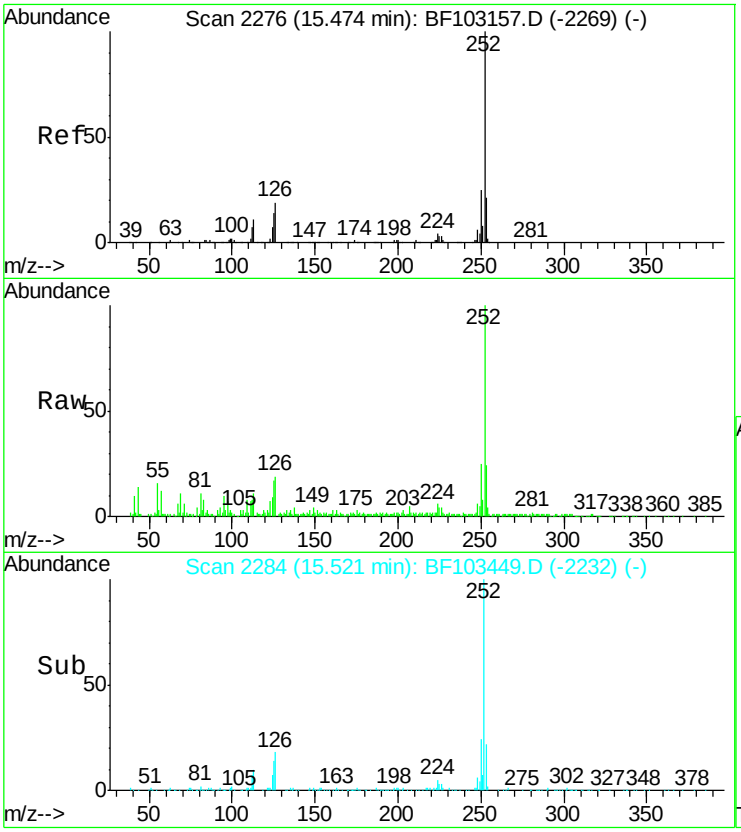


#88
Benzo(k)fluoranthene
Concen: 19.870 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:252 Resp: 265958

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	16.0	10.2	15.2#



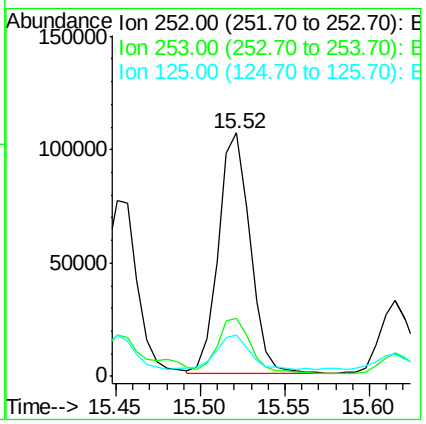


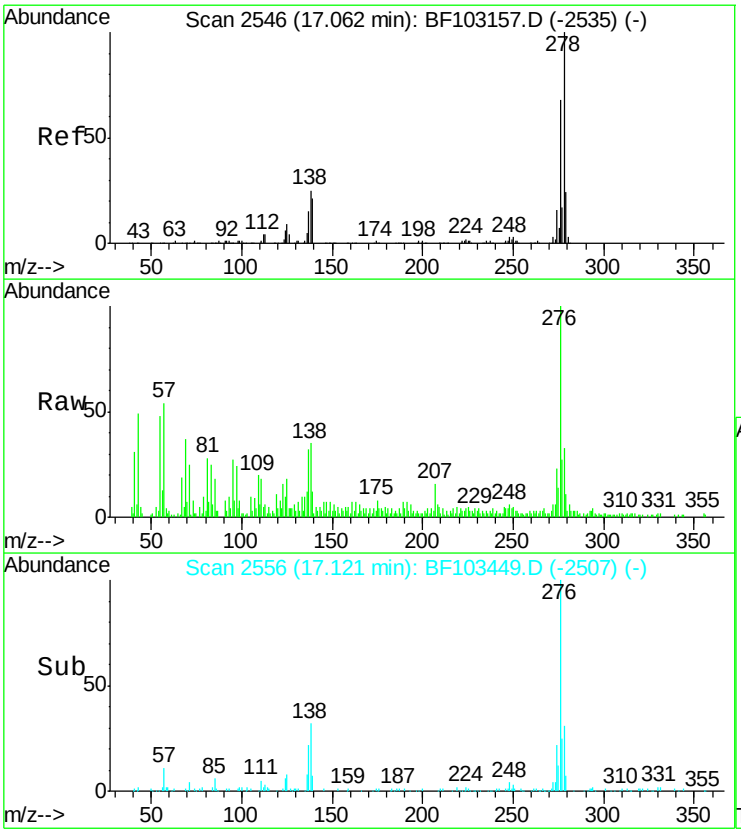
#89
Benzo(a)pyrene
Concen: 10.971 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 139255

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	16.8	9.8	14.6#

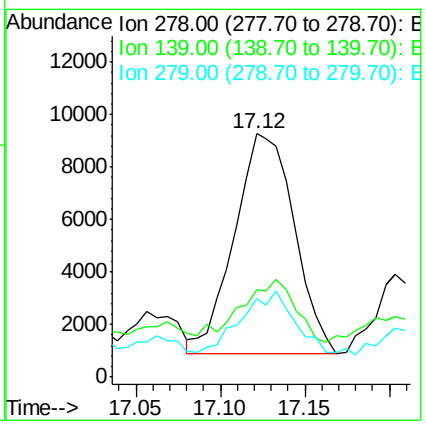


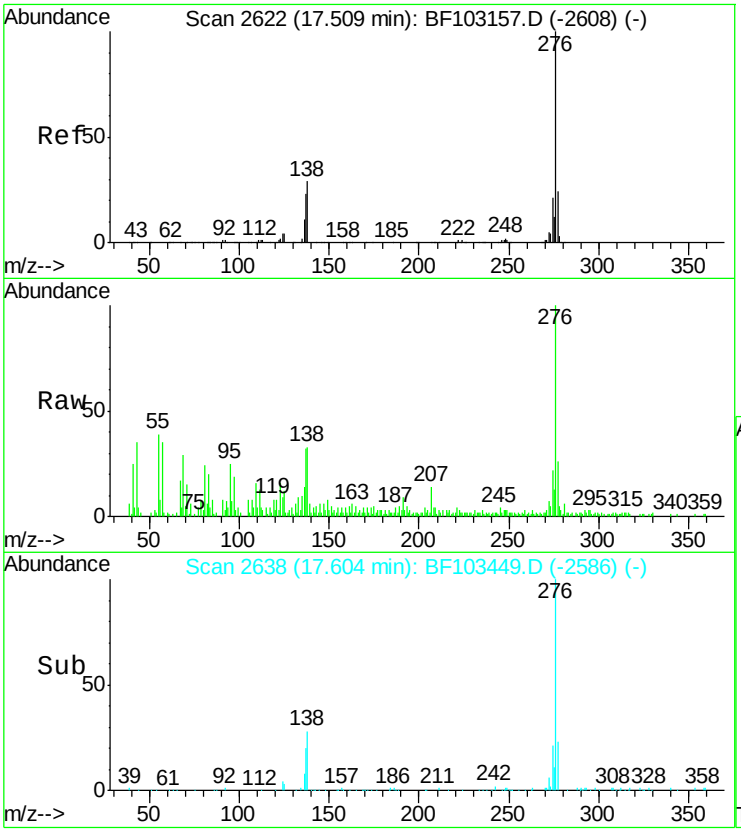


#90
Dibenzo(a,h)anthracene
Concen: 2.111 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:278 Resp: 20709

Ion	Ratio	Lower	Upper
278	100		
139	35.8	15.9	23.9#
279	32.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 7.561 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 72483

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	32.9	21.8	32.8#