Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103373.D
Acq On : 2 Mar 2018 18:51
Operator : SJ/JU
Sample : J1720-07RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-30

Quant Time: Mar 02 22:06:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152193	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	638754	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	271774	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	418034	20.00	ng		-0.01
75) Chrysene-d12	14.06	240	245758	20.00	ng		-0.01
86) Perylene-d12	15.57	264	244105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	977934	97.18	ng		0.00
7) Phenol-d6	6.51	99	1185095	96.24	ng		0.00
23) Nitrobenzene-d5	7.44	82	787057	70.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	188435	81.91	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1117079	67.34	ng		0.00
78) Terphenyl-d14	12.99	244	710780	69.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1356	Below Cal		#	72
19) n-Nitroso-di-n-propylamine	7.44	70	106493	13.896	ng	#	84
25) Isophorone	7.44	82	787050	35.728	ng	#	64
32) Benzoic acid	7.97	122	289	6.951	ng	#	80
49) Dimethylphthalate	9.63	163	101330	4.648	ng		99
56) 2,4-Dinitrotoluene	9.92	165	35662	6.163	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	493	5.119	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13219	3.036	ng	#	1
70) Phenanthrene	11.43	178	263784	11.466	ng		100
71) Anthracene	11.49	178	85718	3.634	ng		99
73) Di-n-butylphthalate	11.96	149	111894	3.806	ng		99
74) Fluoranthene	12.63	202	437158	18.910	ng		98
77) Pyrene	12.86	202	415028	21.660	ng		99
80) Benzo(a)anthracene	14.05	228	203548	12.765	ng		98
82) Chrysene	14.09	228	201635	13.023	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	103369	8.433	ng		95
87) Benzo(b)fluoranthene	15.13	252	349567	21.780	ng	#	90
88) Benzo(k)fluoranthene	15.13	252	349567	23.130	ng	#	93
89) Benzo(a)pyrene	15.50	252	186460	13.010	ng	#	91
90) Dibenzo(a,h)anthracene	17.11	278	26740	2.414	ng	#	71
91) Benzo(g,h,i)perylene	17.57	276	94951	8.772	ng	#	90

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

Quantitation Report (Not Reviewed)

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Data File : BF103373.D
Acq On : 2 Mar 2018 18:51
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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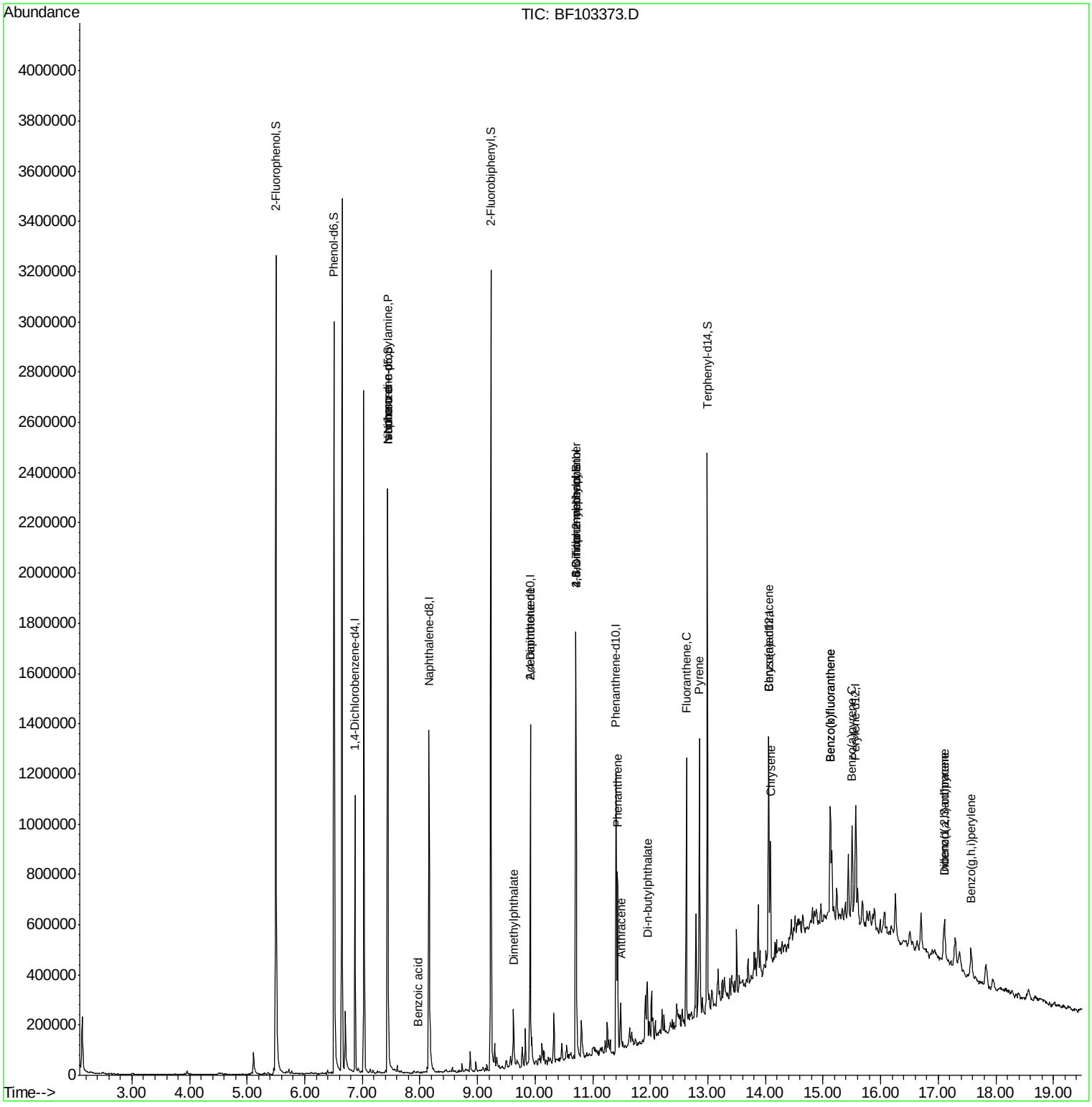
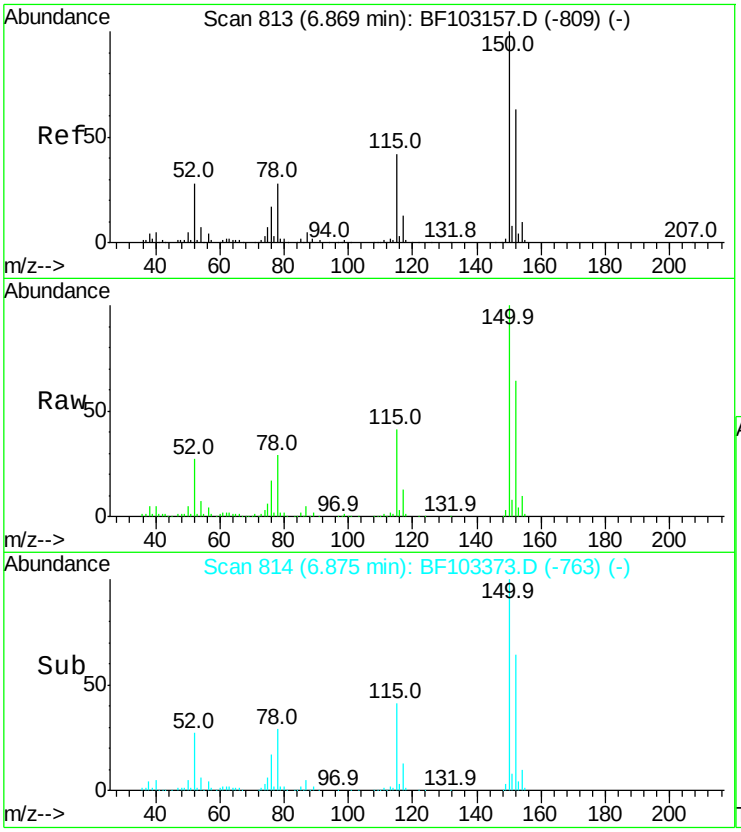


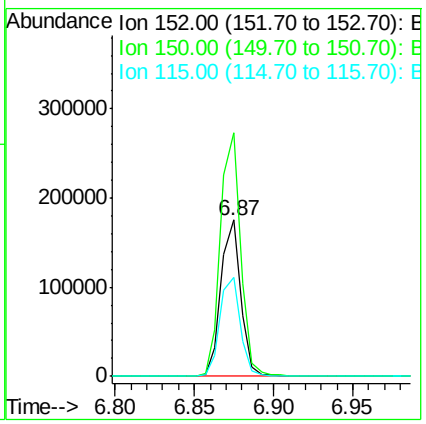


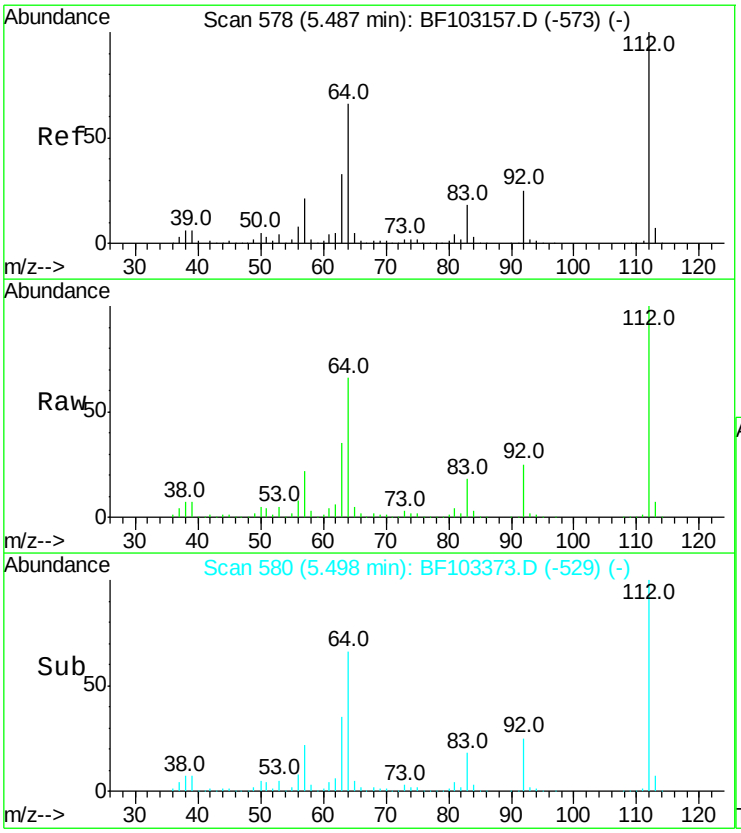
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:152 Resp: 152193

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	63.4	50.1	75.1

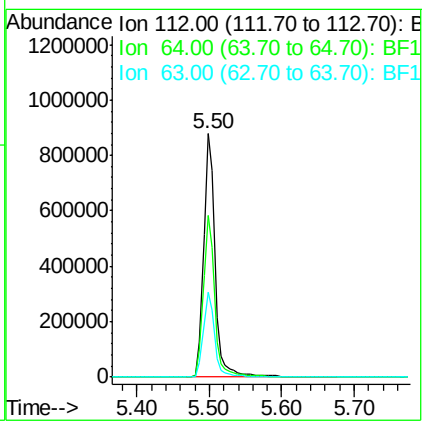


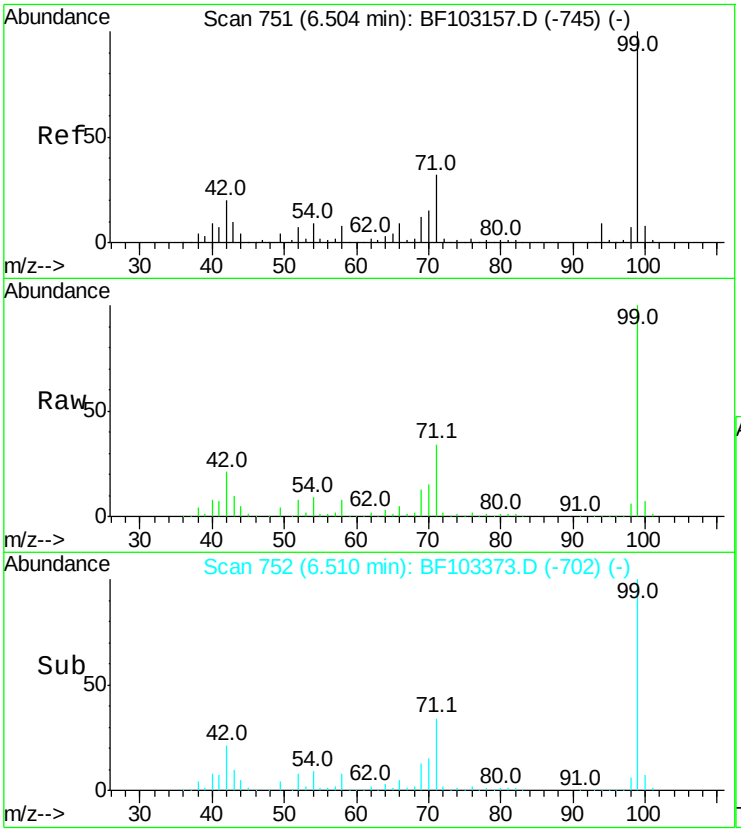


#5
2-Fluorophenol
Concen: 97.183 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:112 Resp: 977934

Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.8	23.7	35.5



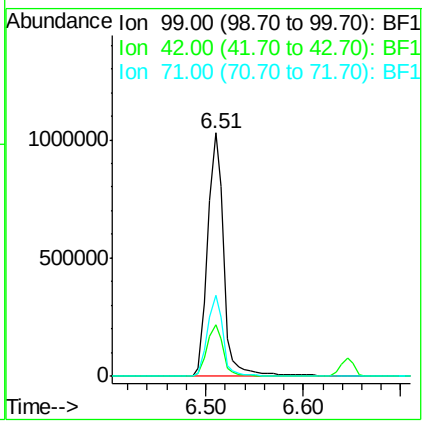


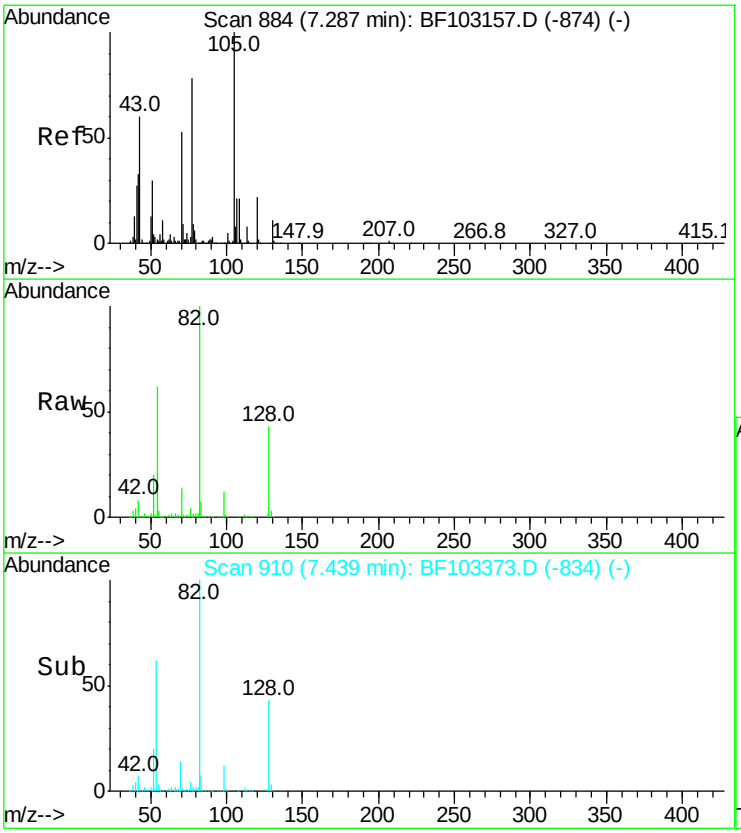
#7
Phenol-d6
Concen: 96.245 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion: 99 Resp: 1185095

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.5	25.4	38.0

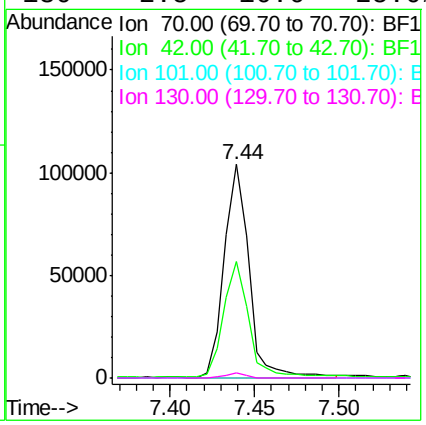


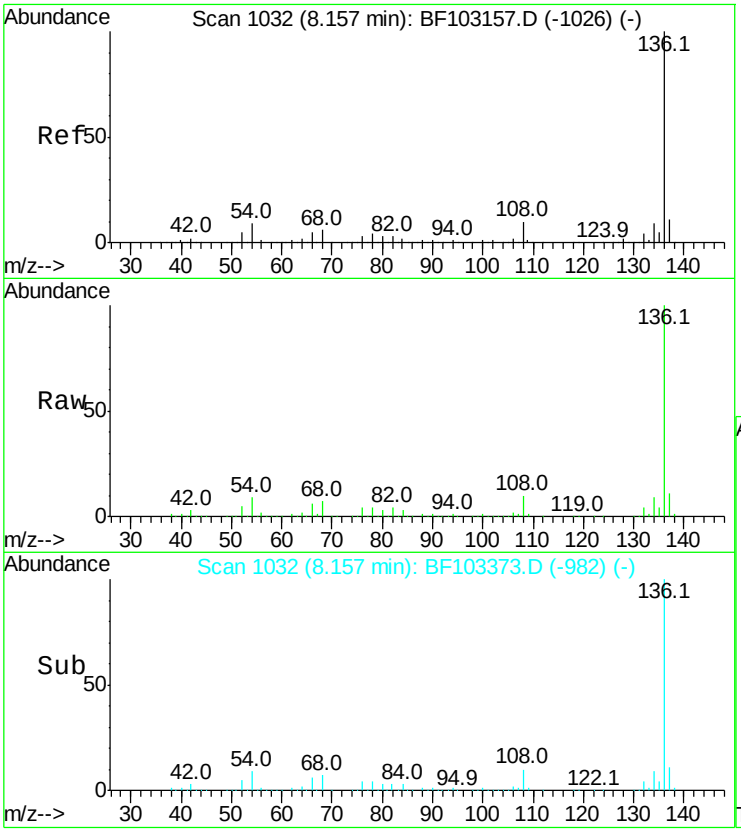


#19
n-Nitroso-di-n-propylamine
Concen: 13.896 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion: 70 Resp: 106493

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



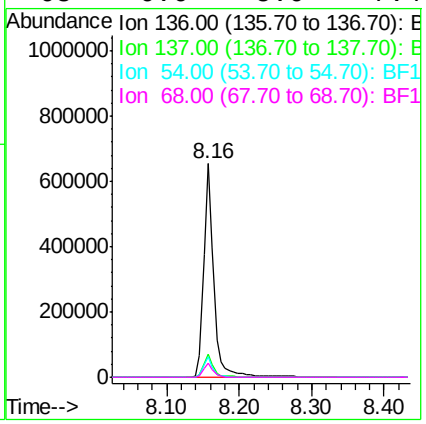


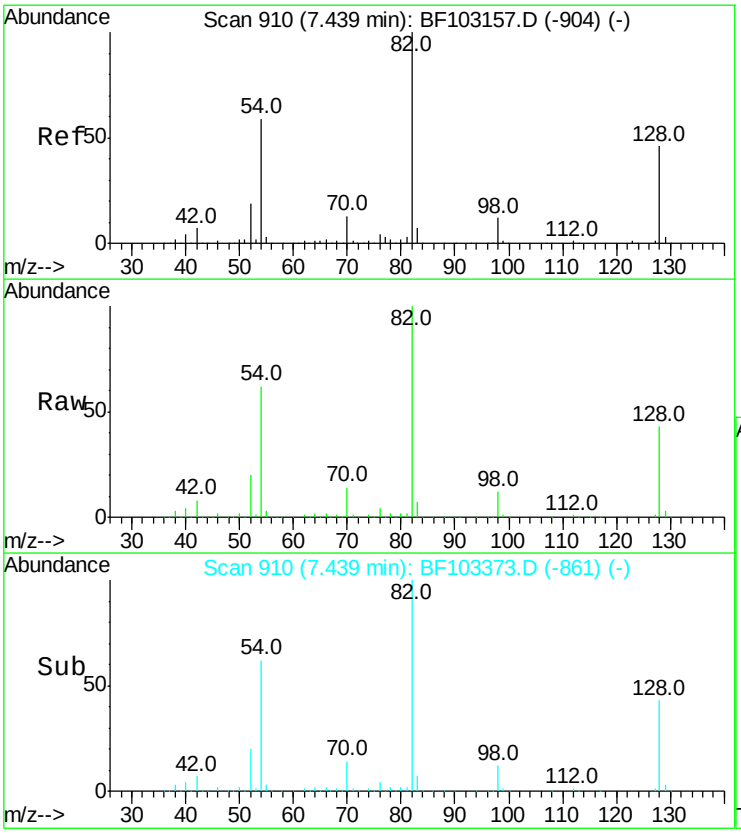
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:136 Resp: 638754

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	6.6	5.0	7.4

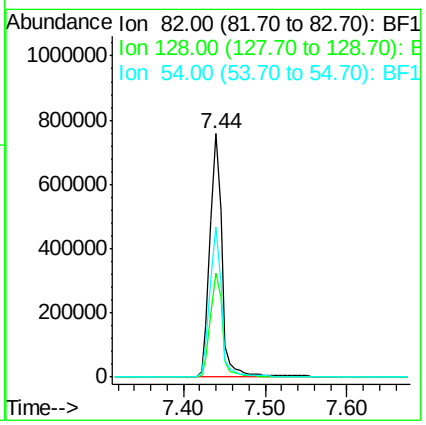


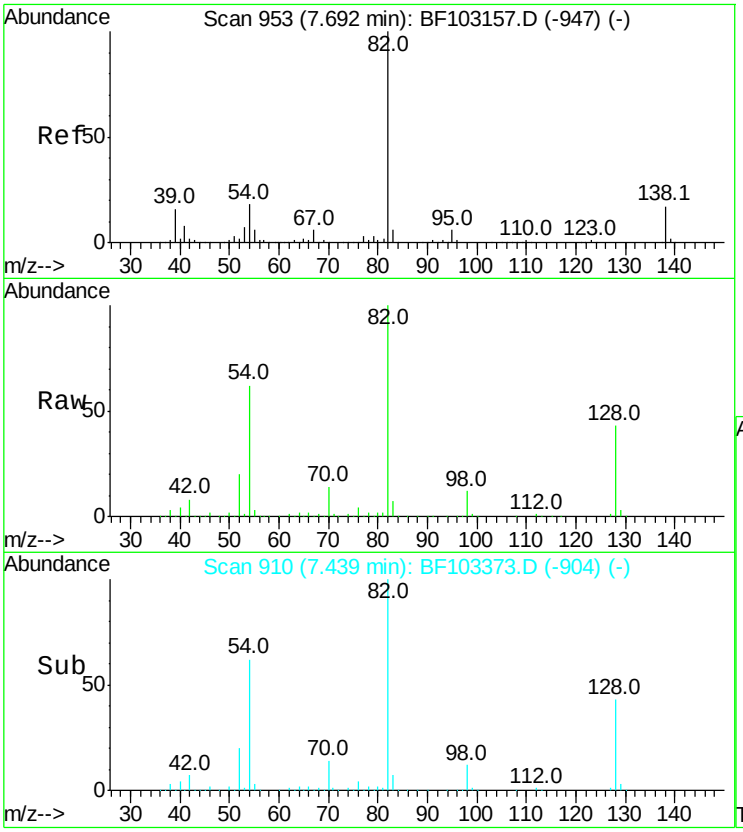


#23
Nitrobenzene-d5
Concen: 70.368 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion: 82 Resp: 787057

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	61.7	41.4	62.2



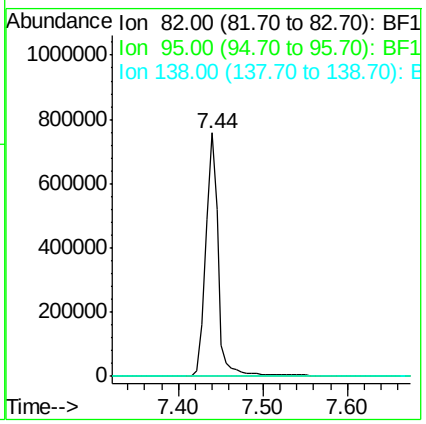


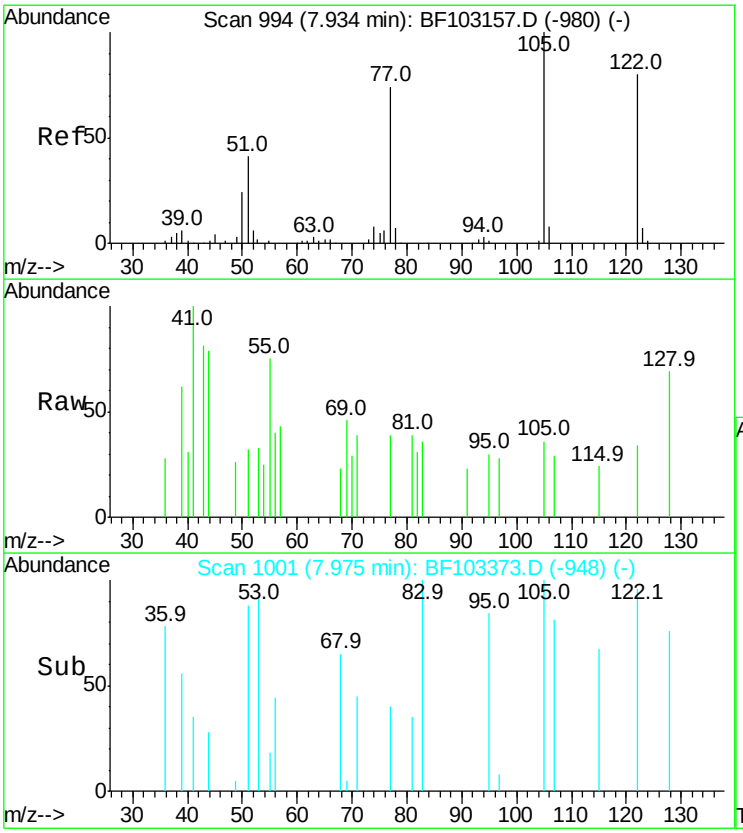
#25
Isophorone
Concen: 35.728 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion: 82 Resp: 787050

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

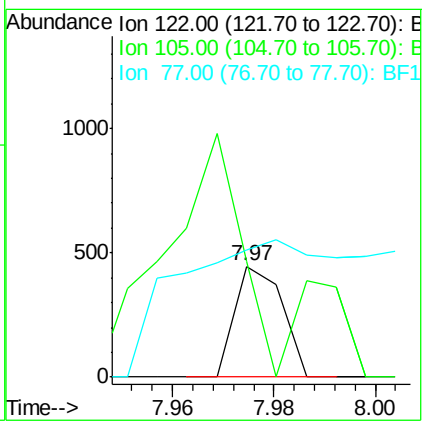


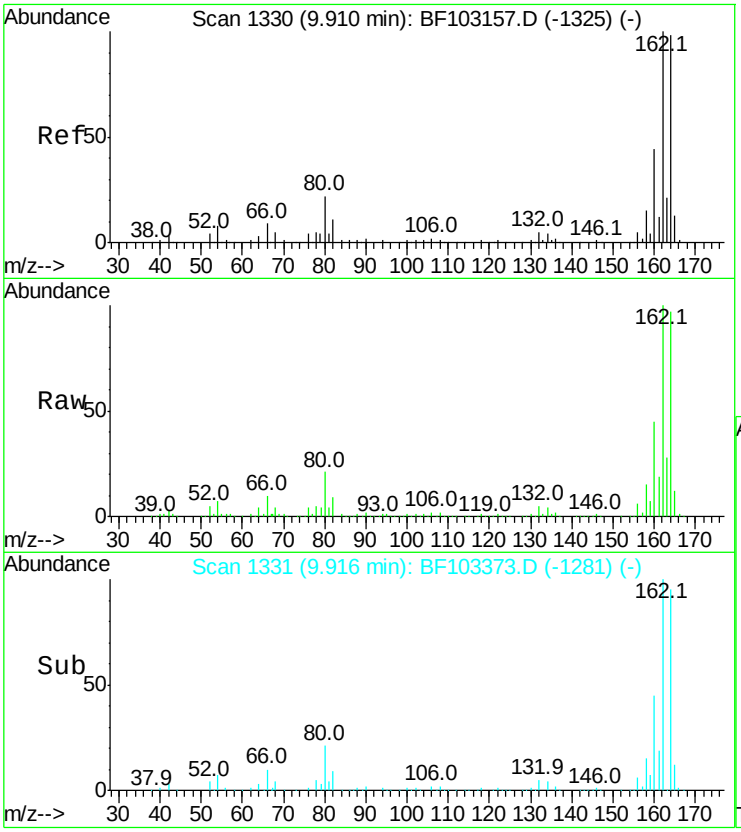


#32
Benzoic acid
Concen: 6.951 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:122 Resp: 289

Ion	Ratio	Lower	Upper
122	100		
105	104.5	101.1	141.1
77	115.0	70.7	110.7#



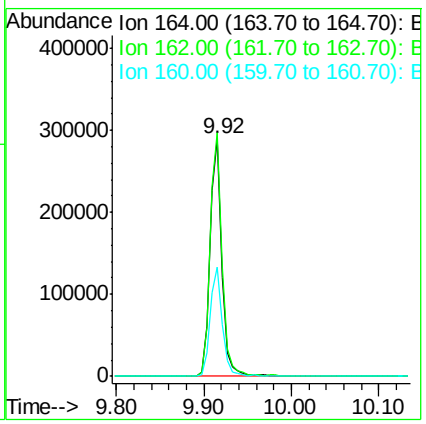


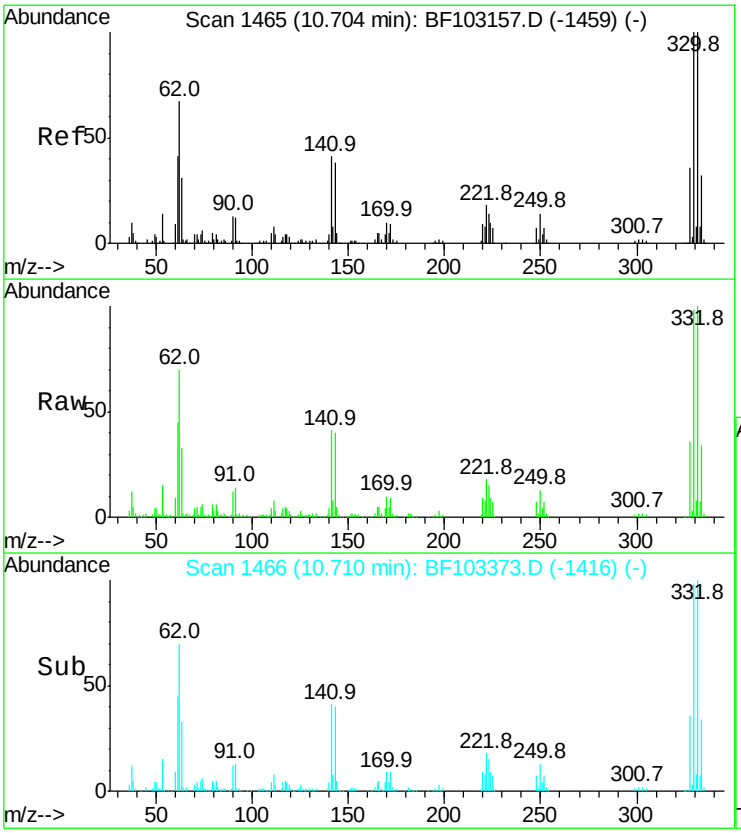
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:164 Resp: 271774

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.2	38.3	57.5

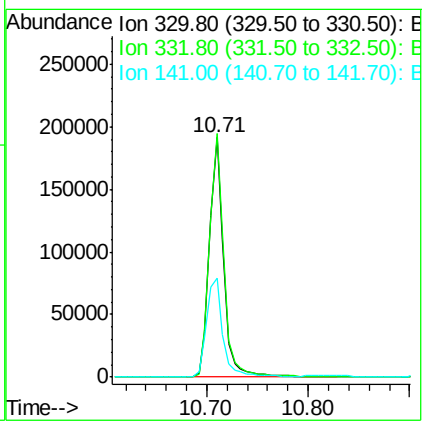


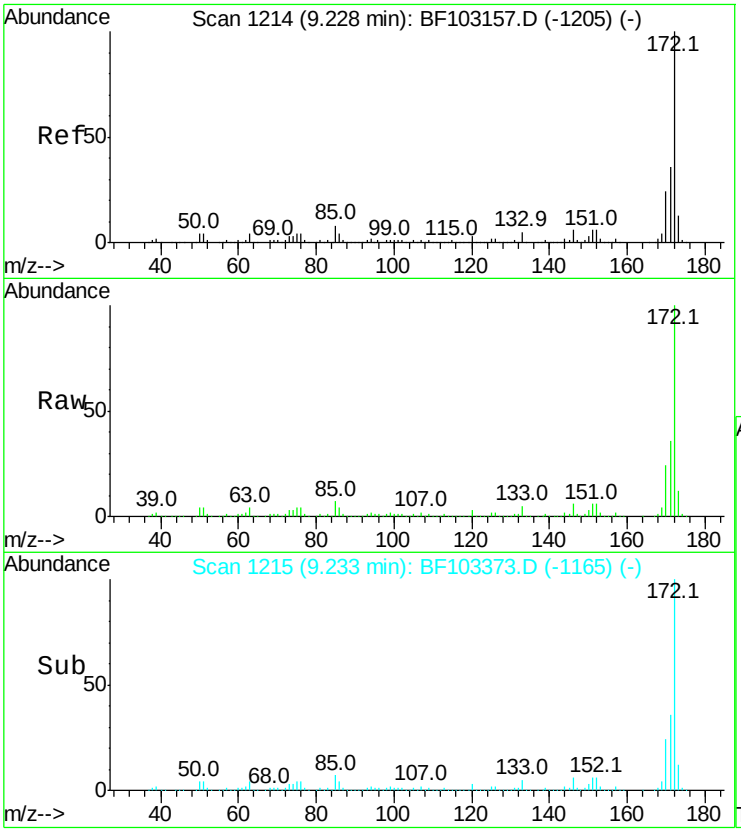


#41
2,4,6-Tribromophenol
Concen: 81.913 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:330 Resp: 188435

Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	47.0	29.9	44.9#



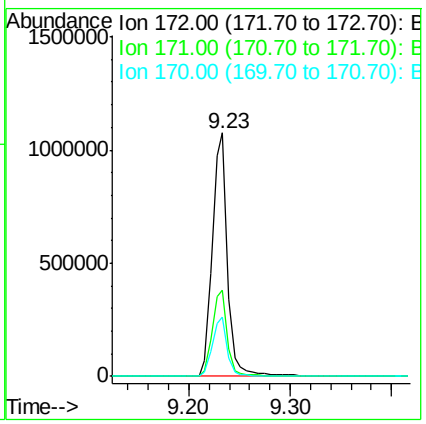


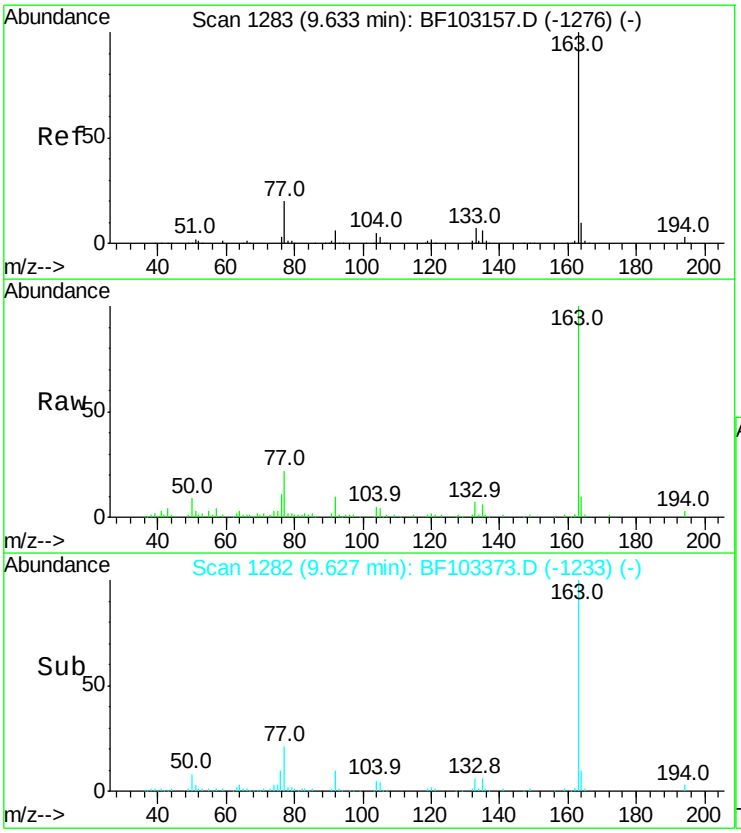
#44
2-Fluorobiphenyl
Concen: 67.342 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:172 Resp: 1117079

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.5	19.6	29.4

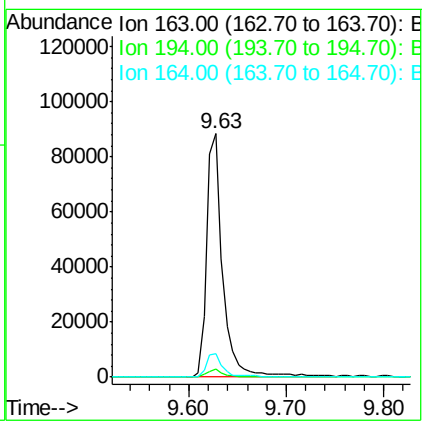


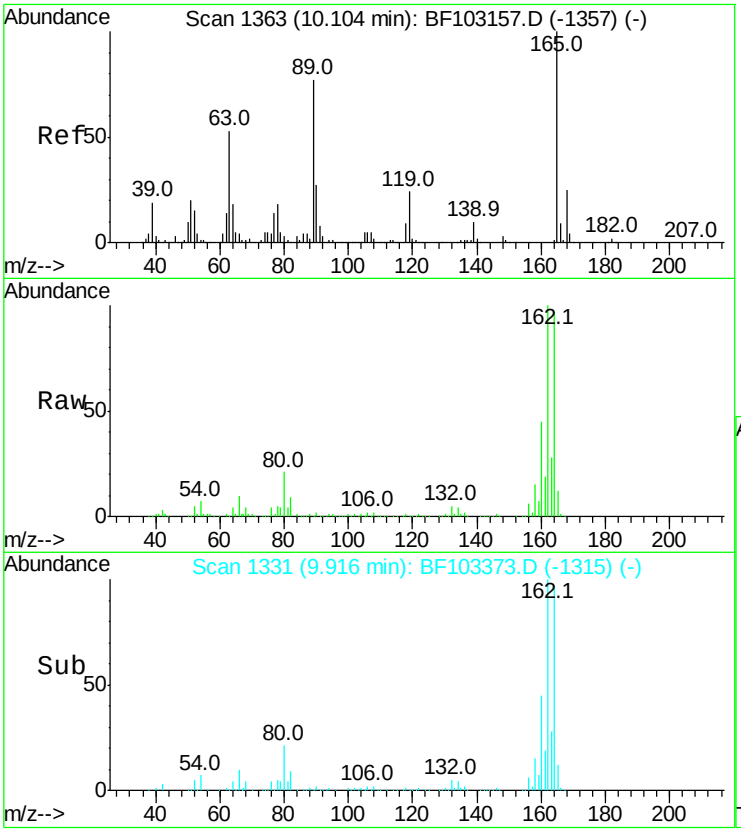


#49
Dimethylphthalate
Concen: 4.648 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:163 Resp: 101330

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2



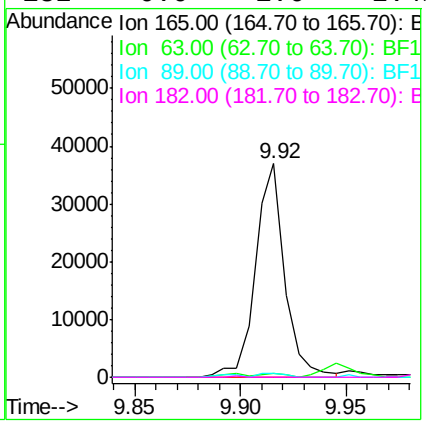


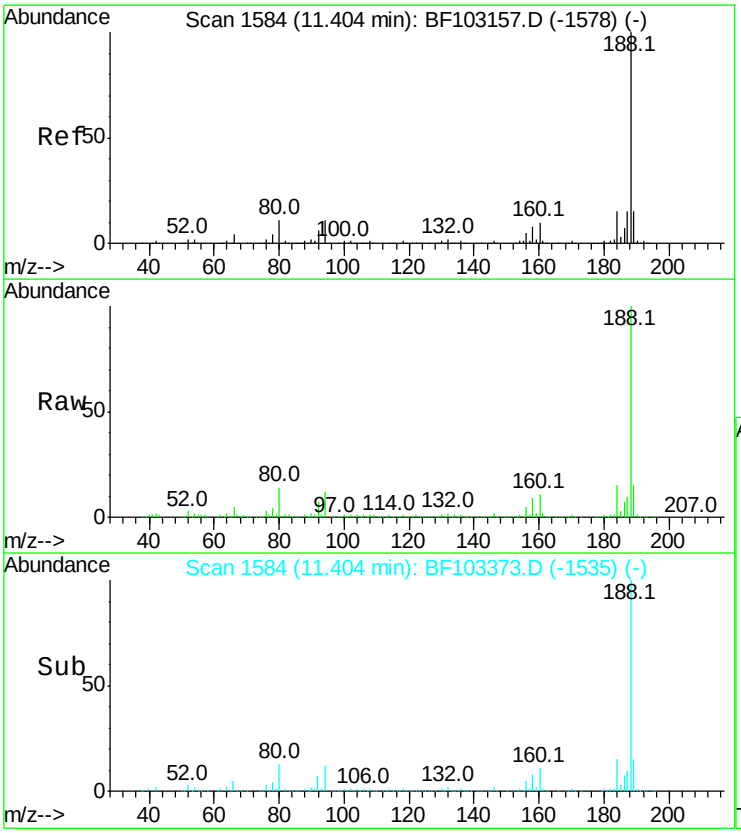
#56
2,4-Dinitrotoluene
Concen: 6.163 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:165 Resp: 35662

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

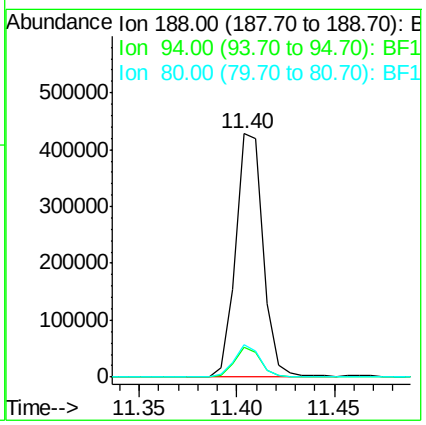


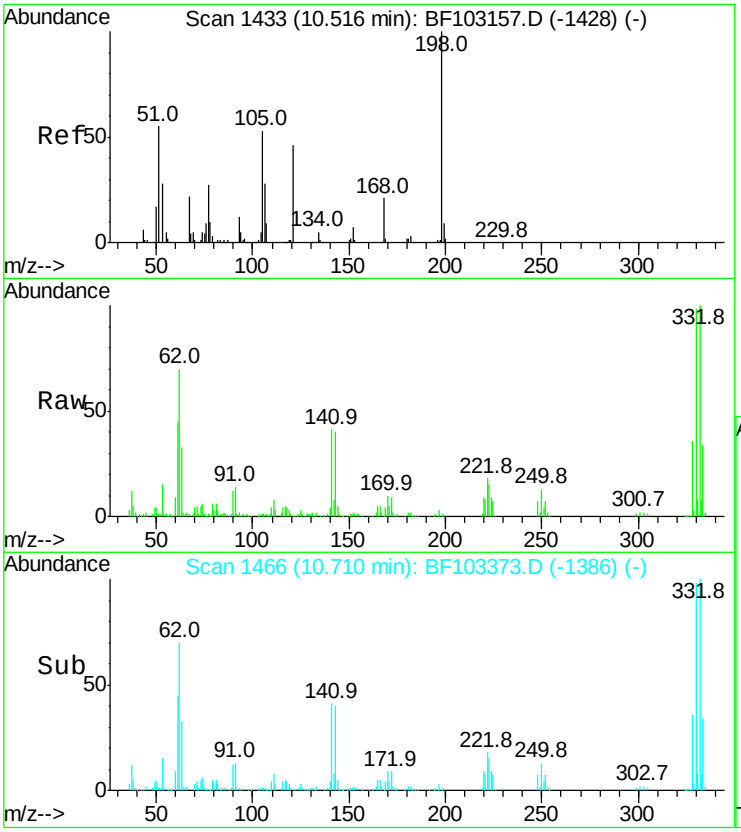


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:188 Resp: 418034

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.5	9.2	13.8



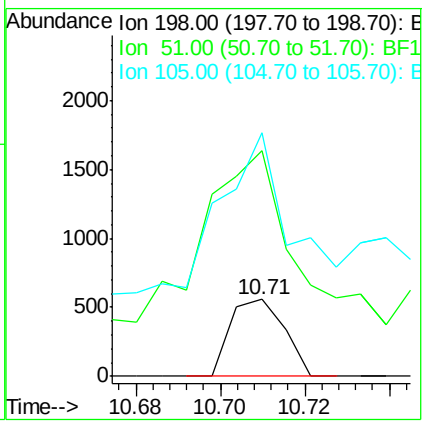


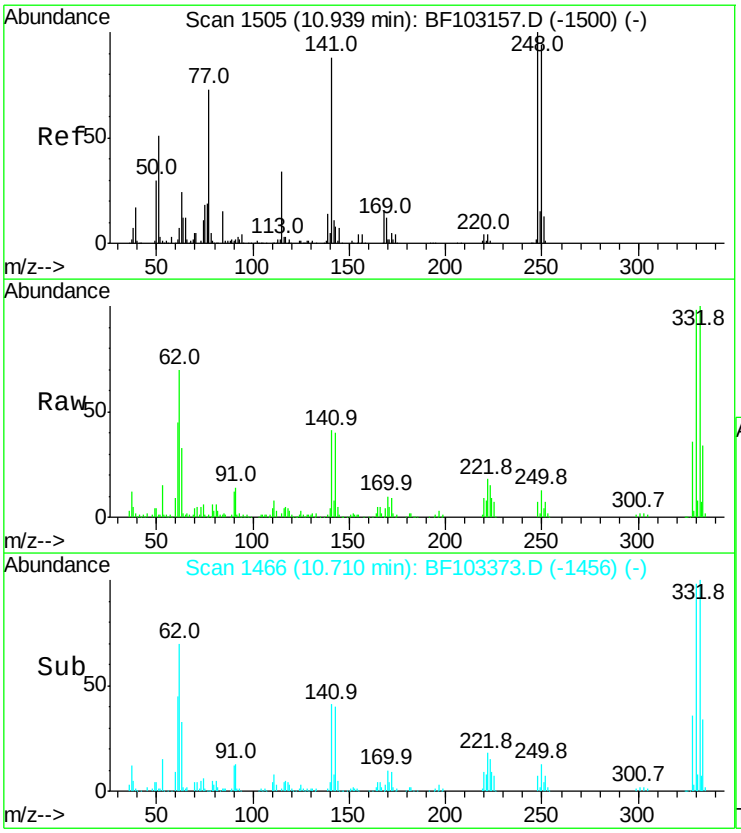
#64
4,6-Dinitro-2-methylphenol
Concen: 5.119 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.17 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:198 Resp: 493

Ion	Ratio	Lower	Upper
198	100		
51	294.1	37.7	77.7#
105	317.6	36.3	76.3#

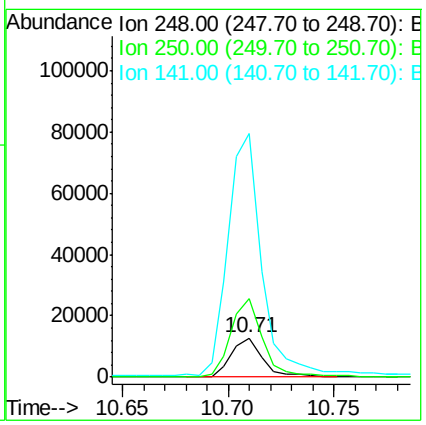


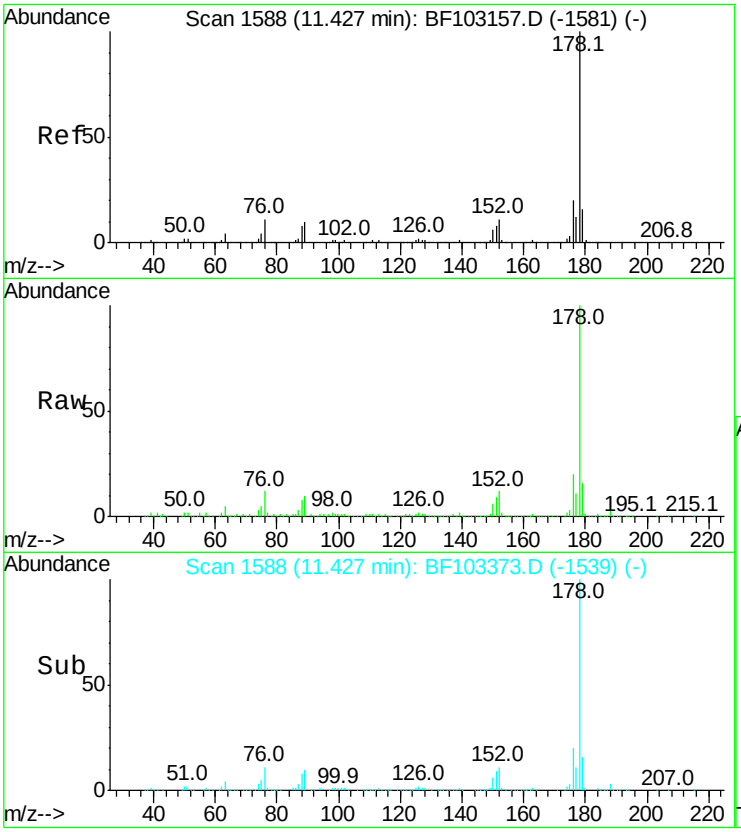


#66
4-Bromophenyl-phenylether
Concen: 3.036 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:248 Resp: 13219

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.9	115.3#
141	617.7	74.4	111.6#



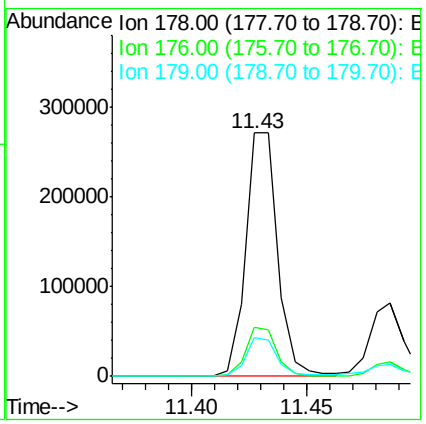


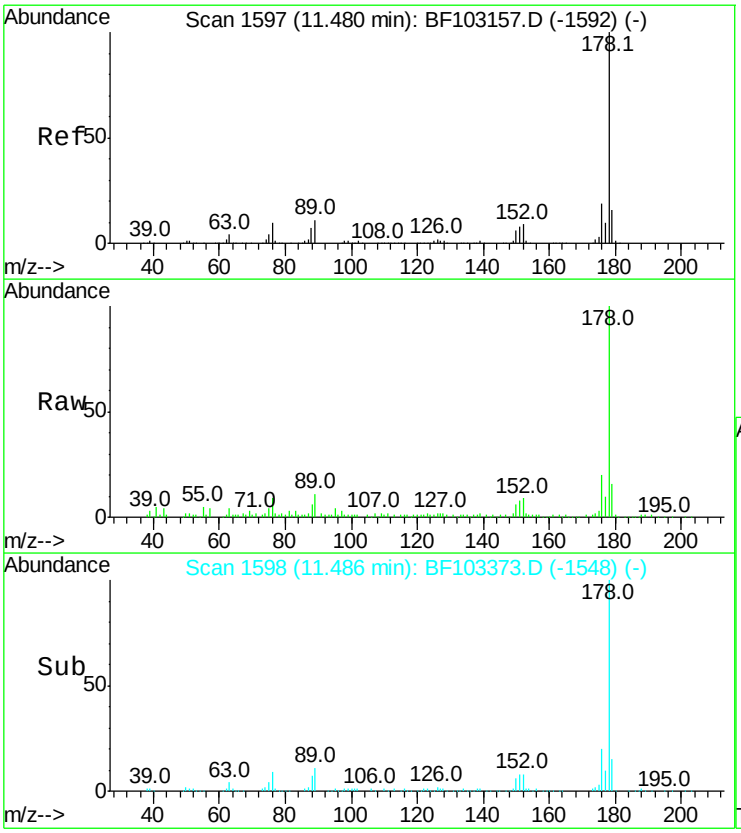
#70
Phenanthrene
Concen: 11.466 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:178 Resp: 263784

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.2	13.0	19.6

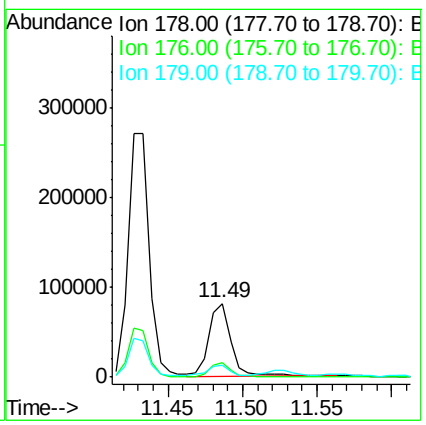


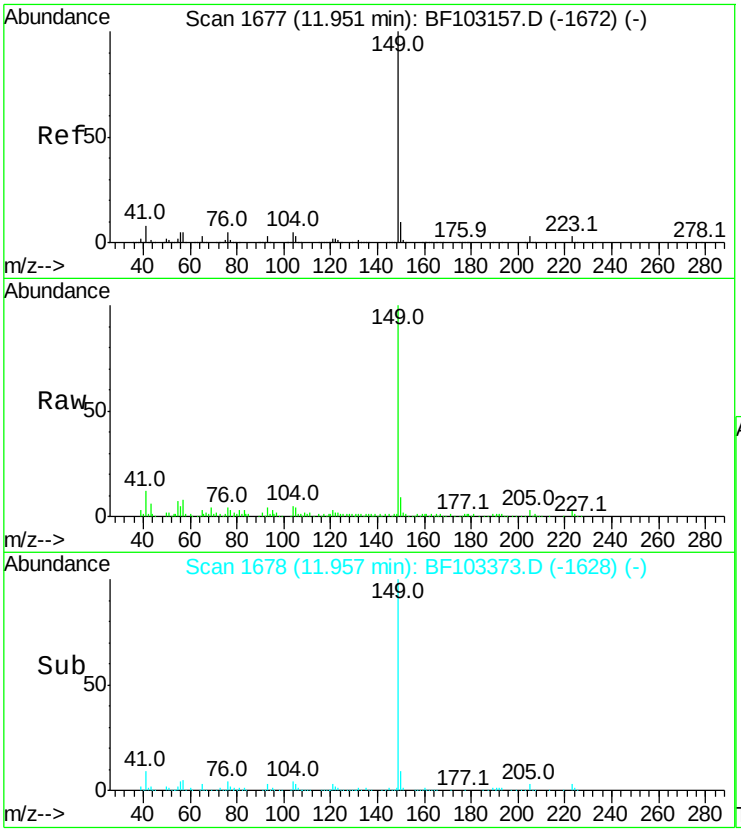


#71
Anthracene
Concen: 3.634 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:178 Resp: 85718

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.6	12.6	19.0



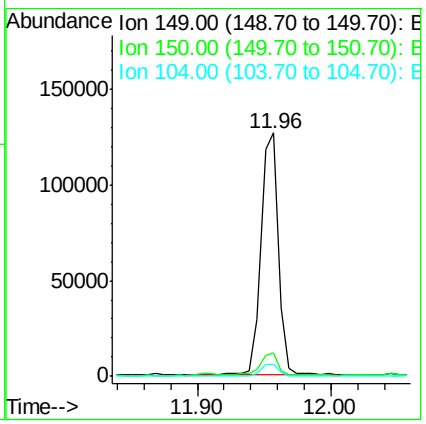


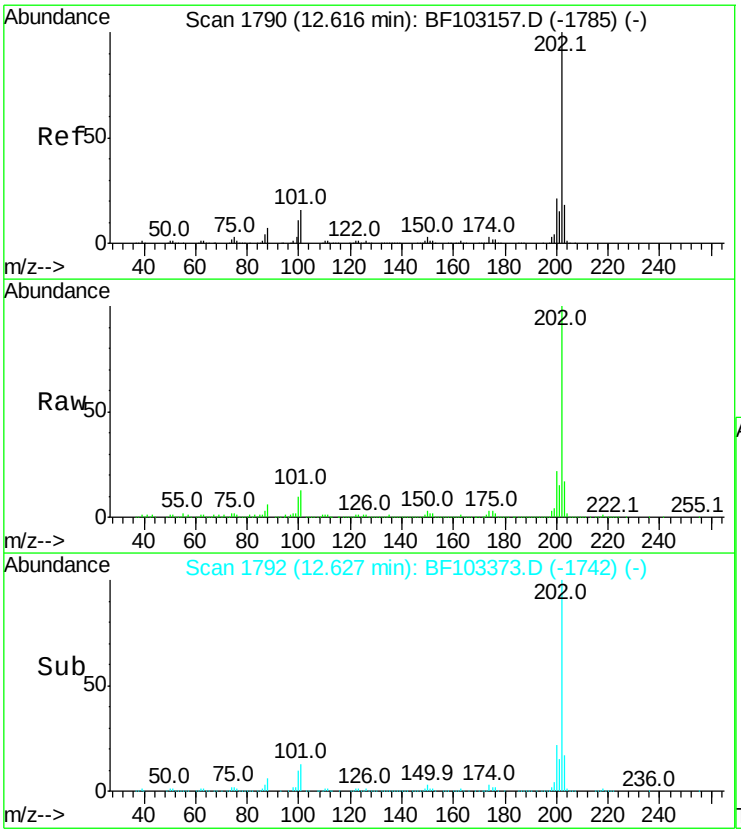
#73
Di-n-butylphthalate
Concen: 3.806 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:149 Resp: 111894

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

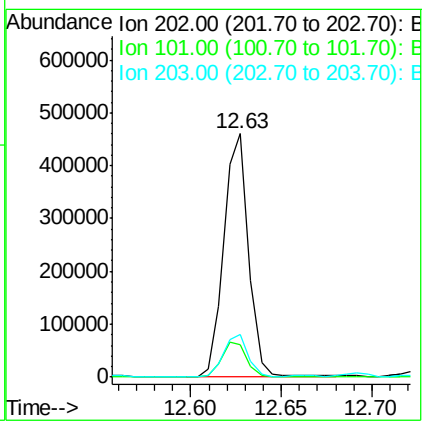


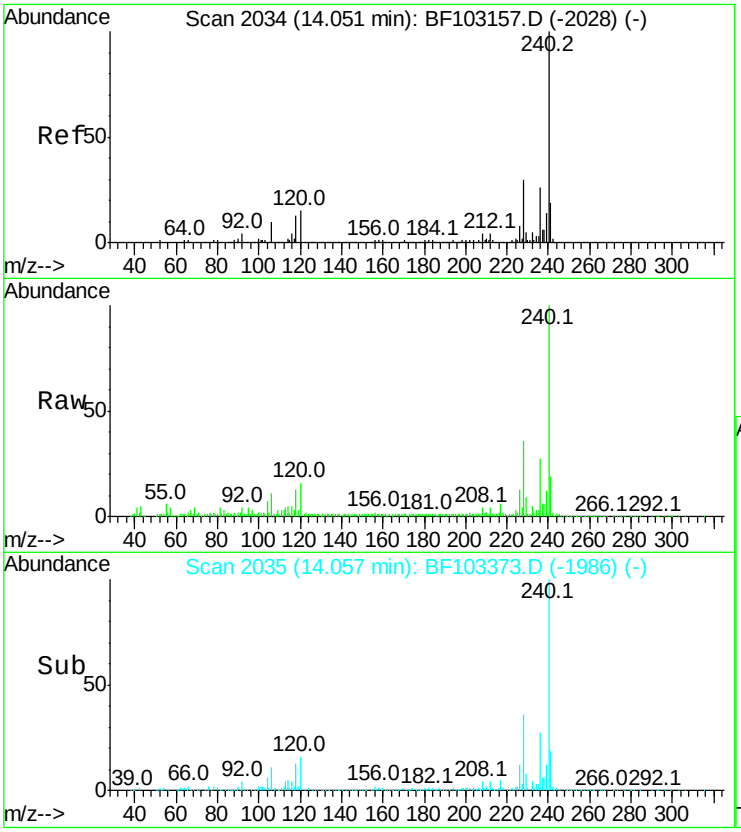


#74
Fluoranthene
Concen: 18.910 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:202 Resp: 437158

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.4	0.0	38.1



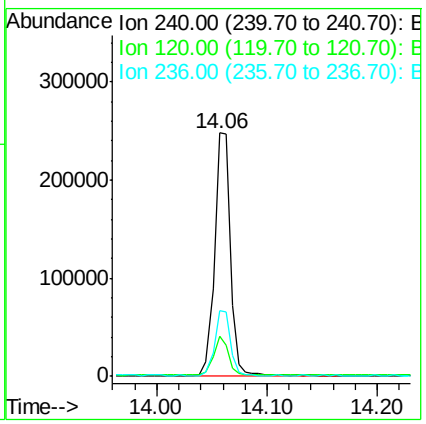


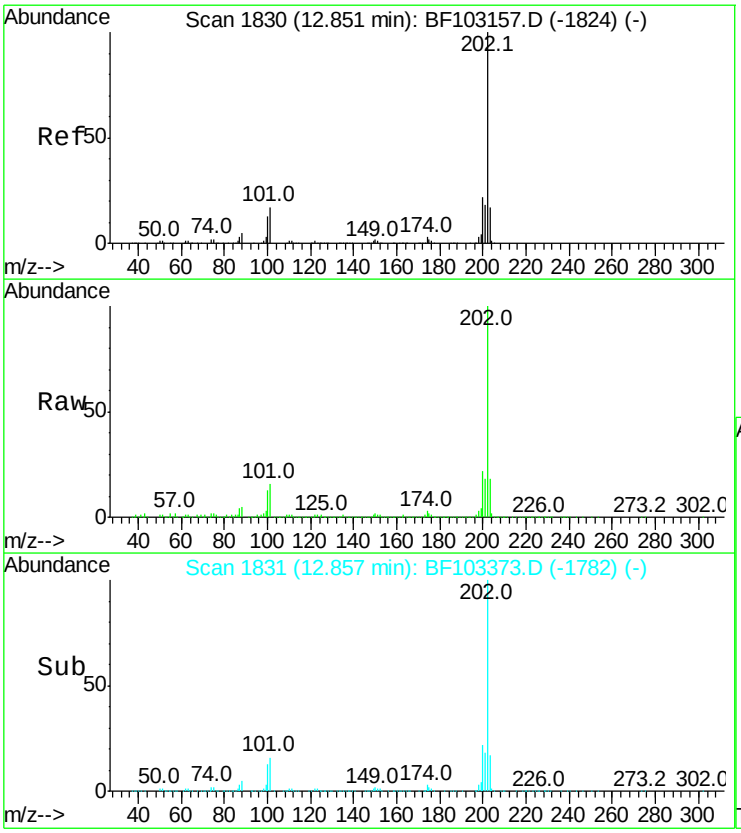
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:240 Resp: 245758

Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	26.8	20.7	31.1

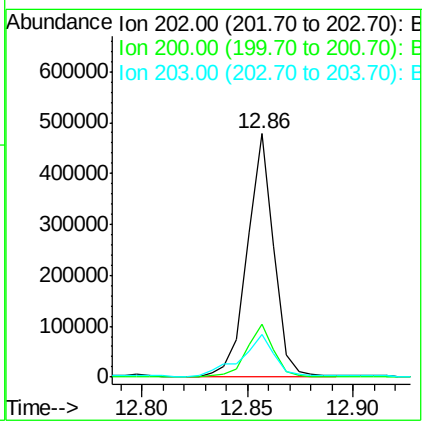


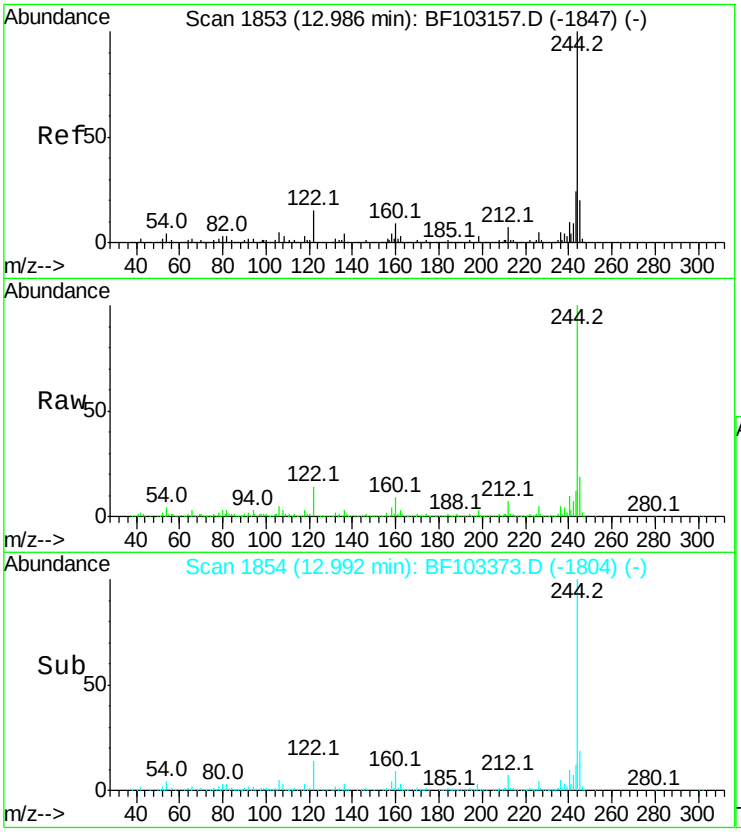


#77
Pyrene
Concen: 21.660 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:202 Resp: 415028

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.5	14.3	21.5



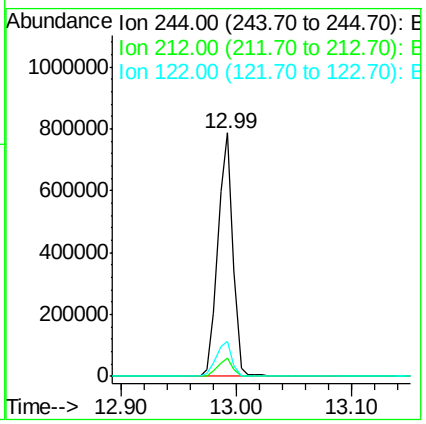


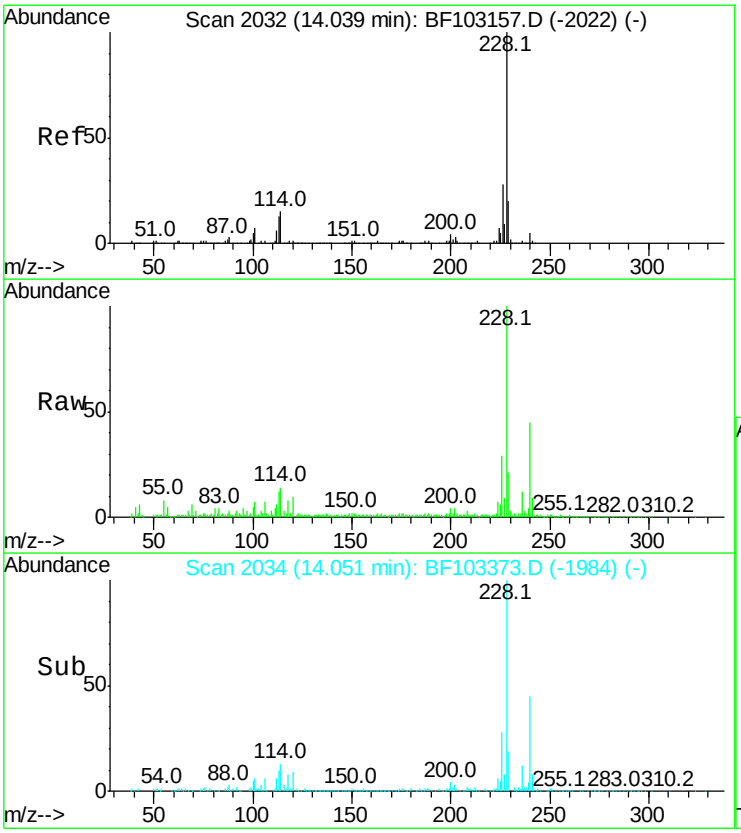
#78
Terphenyl-d14
Concen: 69.525 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:244 Resp: 710780

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.3	11.0	16.4

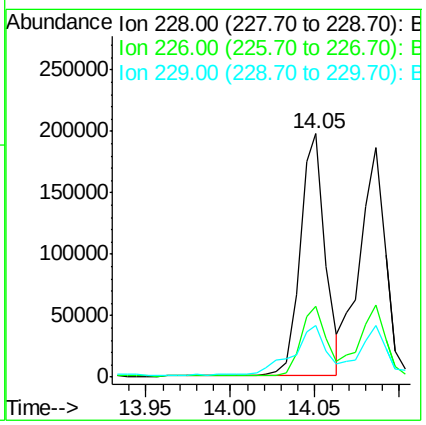


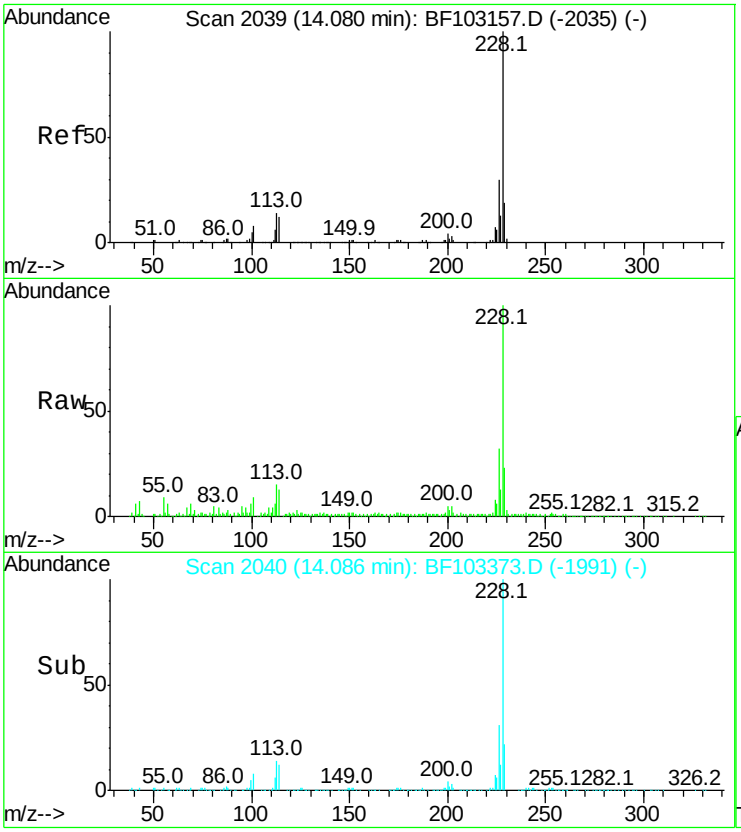


#80
Benzo(a)anthracene
Concen: 12.765 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:228 Resp: 203548

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.0	15.8	23.6



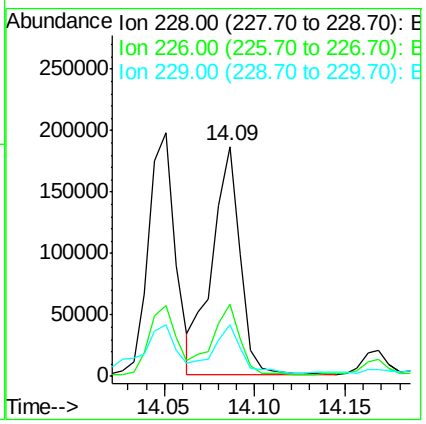


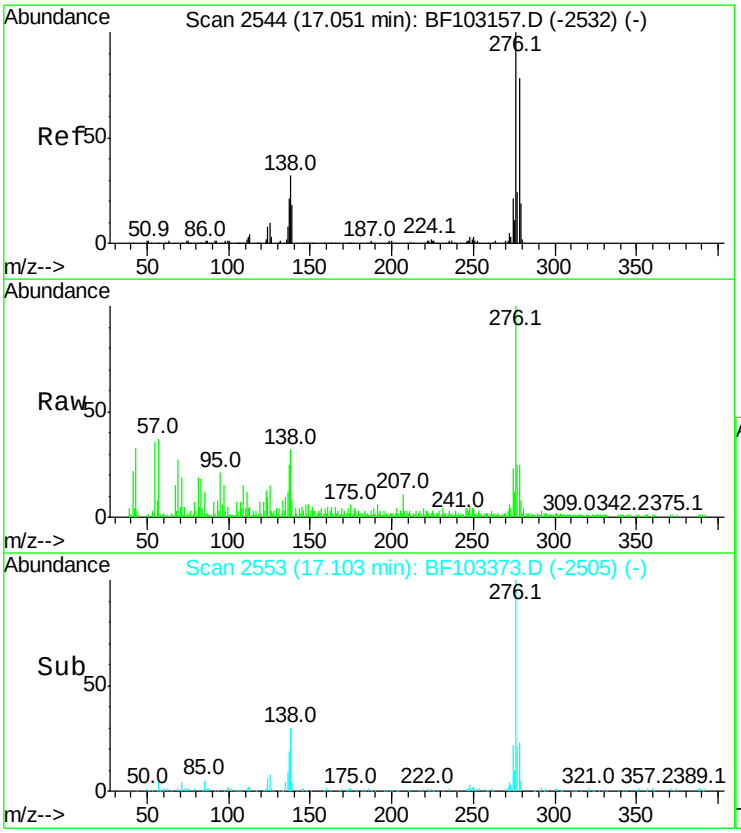
#82
Chrysene
Concen: 13.023 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:228 Resp: 201635

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	22.7	16.2	24.4

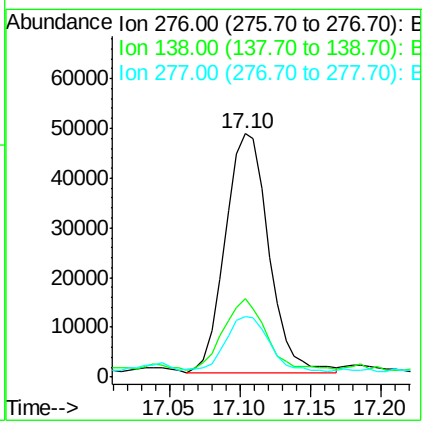


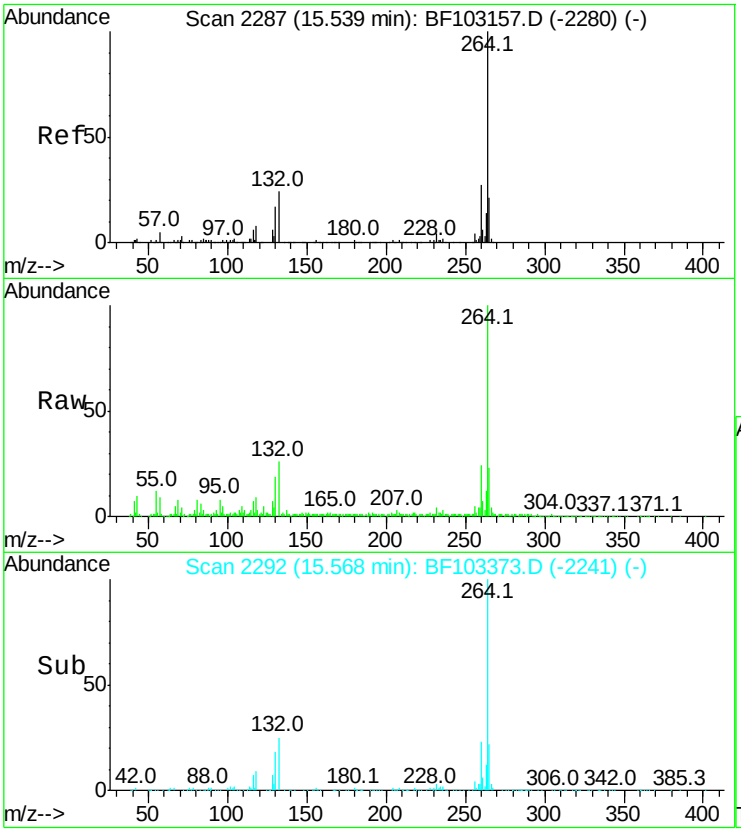


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.433 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:276 Resp: 103369

Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	22.2	20.1	30.1



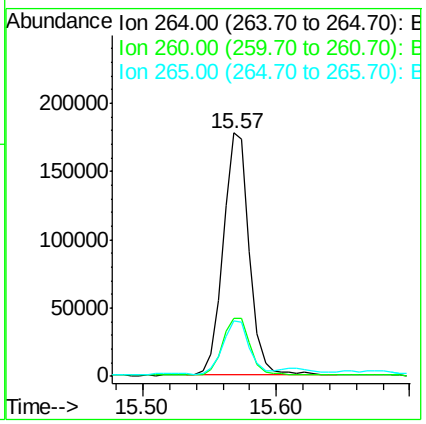


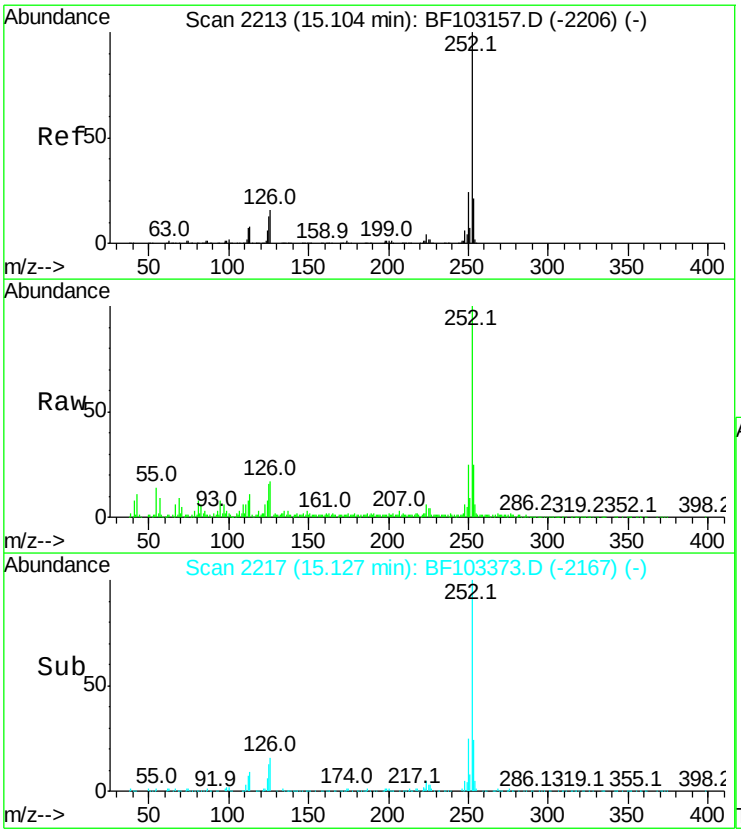
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:264 Resp: 244105

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.5	26.3

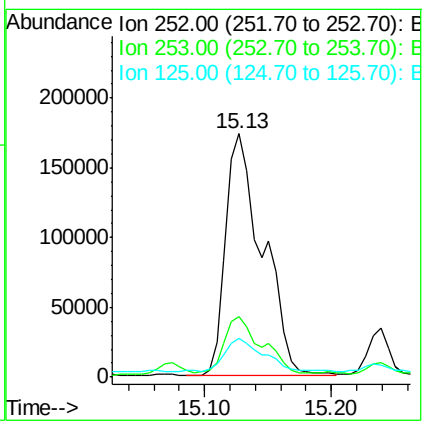


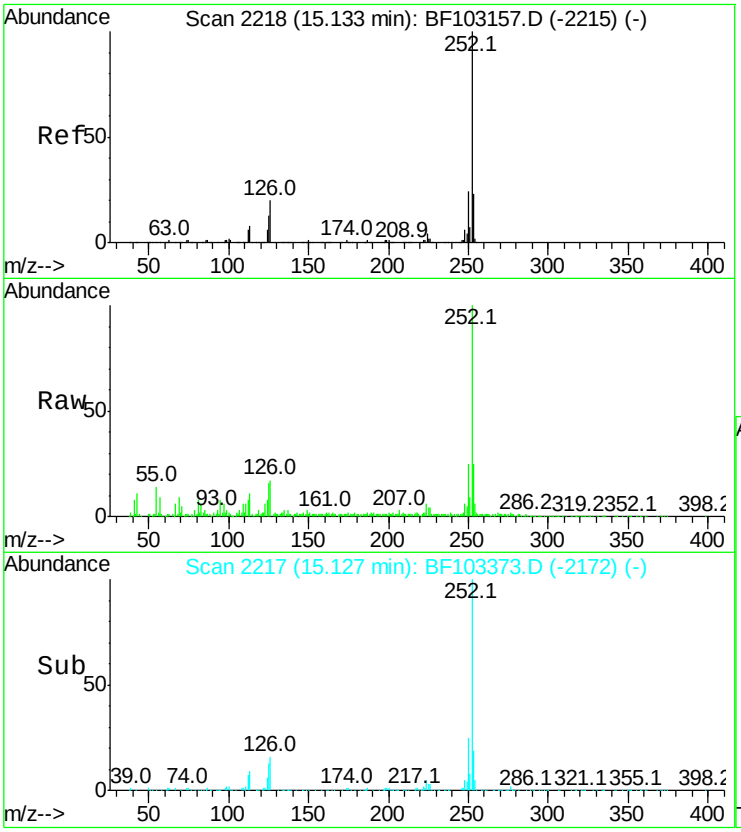


#87
Benzo(b)fluoranthene
Concen: 21.780 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:252 Resp: 349567

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	15.9	9.0	13.6#



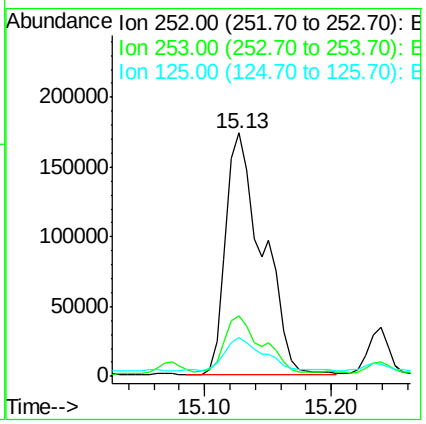


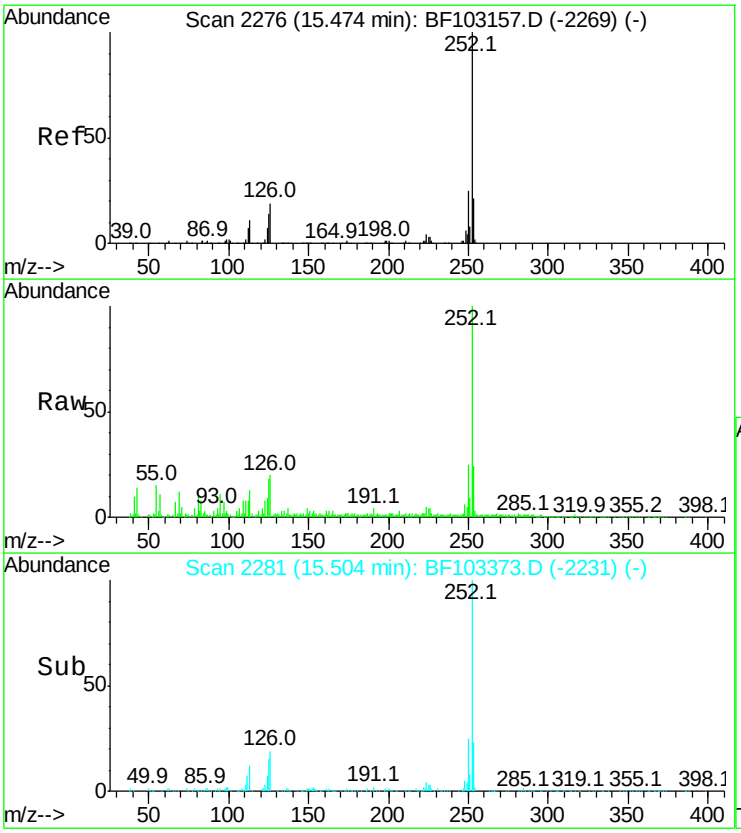
#88
Benzo(k)fluoranthene
Concen: 23.130 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:252 Resp: 349567

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	15.9	10.2	15.2#

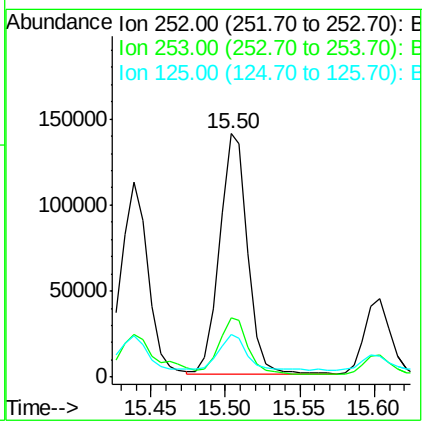


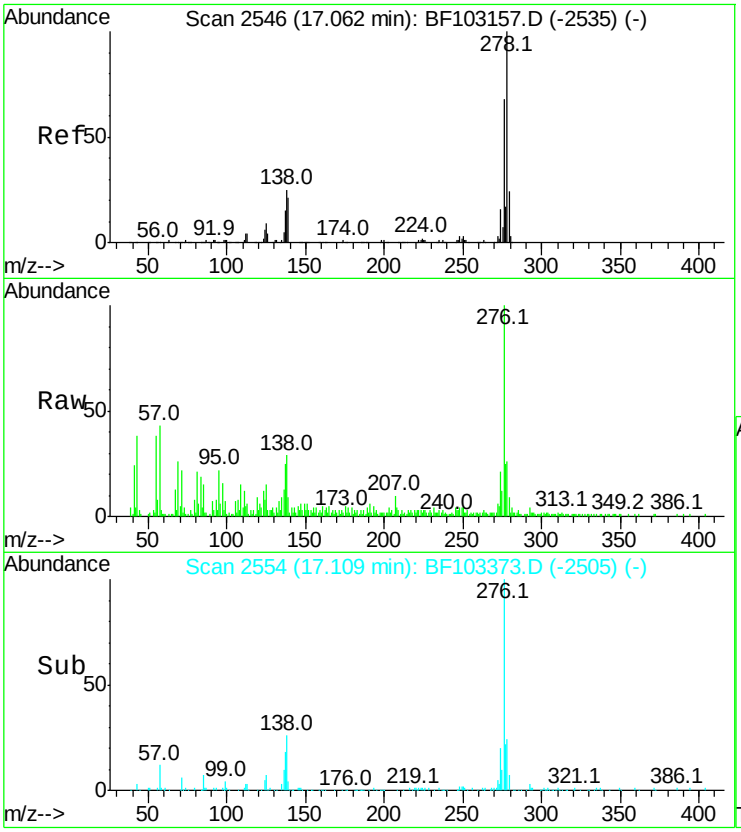


#89
Benzo(a)pyrene
Concen: 13.010 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:252 Resp: 186460

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	17.6	9.8	14.6#



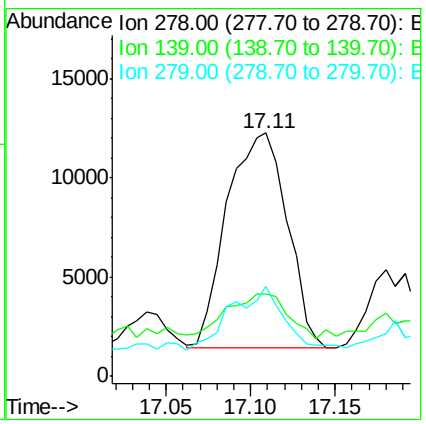


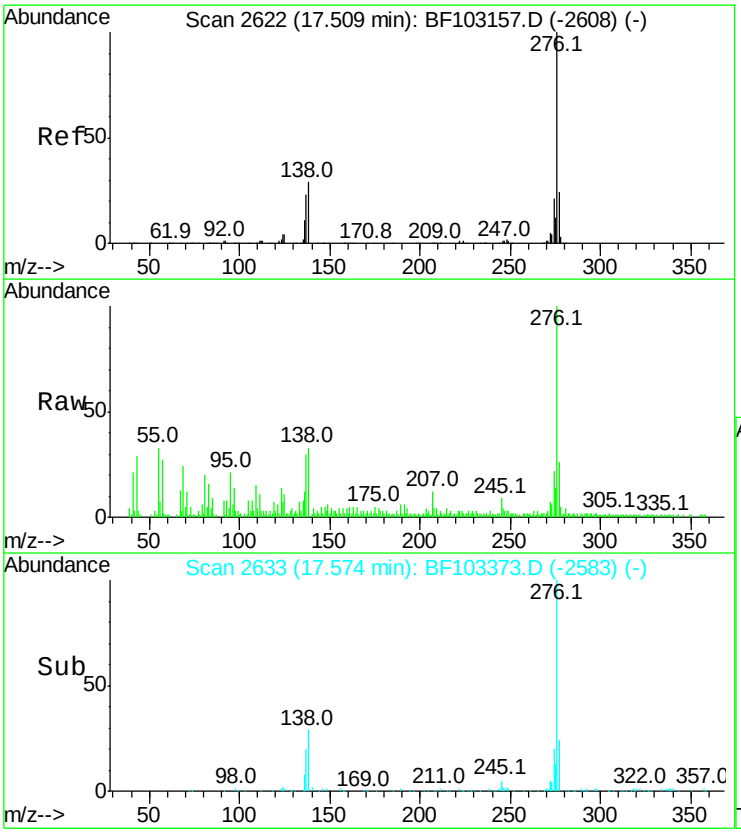
#90
Dibenzo(a,h)anthracene
Concen: 2.414 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Instrument :
BNA_F
ClientSampleId :
SP-30

Tgt Ion:278 Resp: 26740

Ion	Ratio	Lower	Upper
278	100		
139	33.6	15.9	23.9#
279	37.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.772 ng
RT: 17.57 min Scan# 2633
Delta R.T. -0.01 min
Lab File: BF103373.D
Acq: 2 Mar 2018 18:51

Tgt Ion:276 Resp: 94951

Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	33.5	21.8	32.8#