Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101026.D
Acq On : 30 Nov 2017 19:17
Operator : SJ/JU
Sample : I6610-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 01 00:34:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53722	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	201118	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	78477	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	114985	20.00	ng		0.00
75) Chrysene-d12	14.03	240	110105	20.00	ng		0.00
86) Perylene-d12	15.51	264	128395	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	138085	42.47	ng		0.00
7) Phenol-d6	6.48	99	161775	40.99	ng		0.00
23) Nitrobenzene-d5	7.41	82	96756	28.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	30248	32.09	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	204378	35.63	ng		0.00
78) Terphenyl-d14	12.96	244	130697	25.96	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	12512	4.707	ng	#	76
25) Isophorone	7.41	82	96756	16.801	ng	#	64
31) Naphthalene	8.16	128	60282	6.082	ng		98
37) 2-Methylnaphthalene	8.85	142	20924	3.107	ng		97
48) Acenaphthylene	9.75	152	47668	5.680	ng		97
49) Dimethylphthalate	9.60	163	15447	2.441	ng	#	96
50) 2,6-Dinitrotoluene	9.89	165	11889	8.919	ng	#	24
51) Acenaphthene	9.92	154	53806	10.708	ng		100
54) Dibenzofuran	10.09	168	41352	5.711	ng		97
55) 4-Nitrophenol	10.09	139	14600	14.441	ng	#	10
57) Fluorene	10.44	166	63085	10.717	ng		98
70) Phenanthrene	11.41	178	693434	109.510	ng		99
71) Anthracene	11.46	178	184622	28.808	ng		98
72) Carbazole	11.61	167	70585	12.055	ng		97
74) Fluoranthene	12.60	202	980593	139.703	ng		98
77) Pyrene	12.83	202	915925	120.555	ng		99
79) Butylbenzylphthalate	13.44	149	551533	164.652	ng		97
80) Benzo(a)anthracene	14.02	228	609045	87.609	ng		98
82) Chrysene	14.06	228	507673	78.632	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	160595	33.625	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	276715	48.209	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	963035	125.224	ng		97
88) Benzo(k)fluoranthene	15.09	252	963035	127.102	ng		98
89) Benzo(a)pyrene	15.46	252	531140	75.968	ng		96
90) Dibenzo(a,h)anthracene	17.16	278	58084	9.423	ng		94
91) Benzo(g,h,i)perylene	17.45	276	242243	41.702	ng	#	90

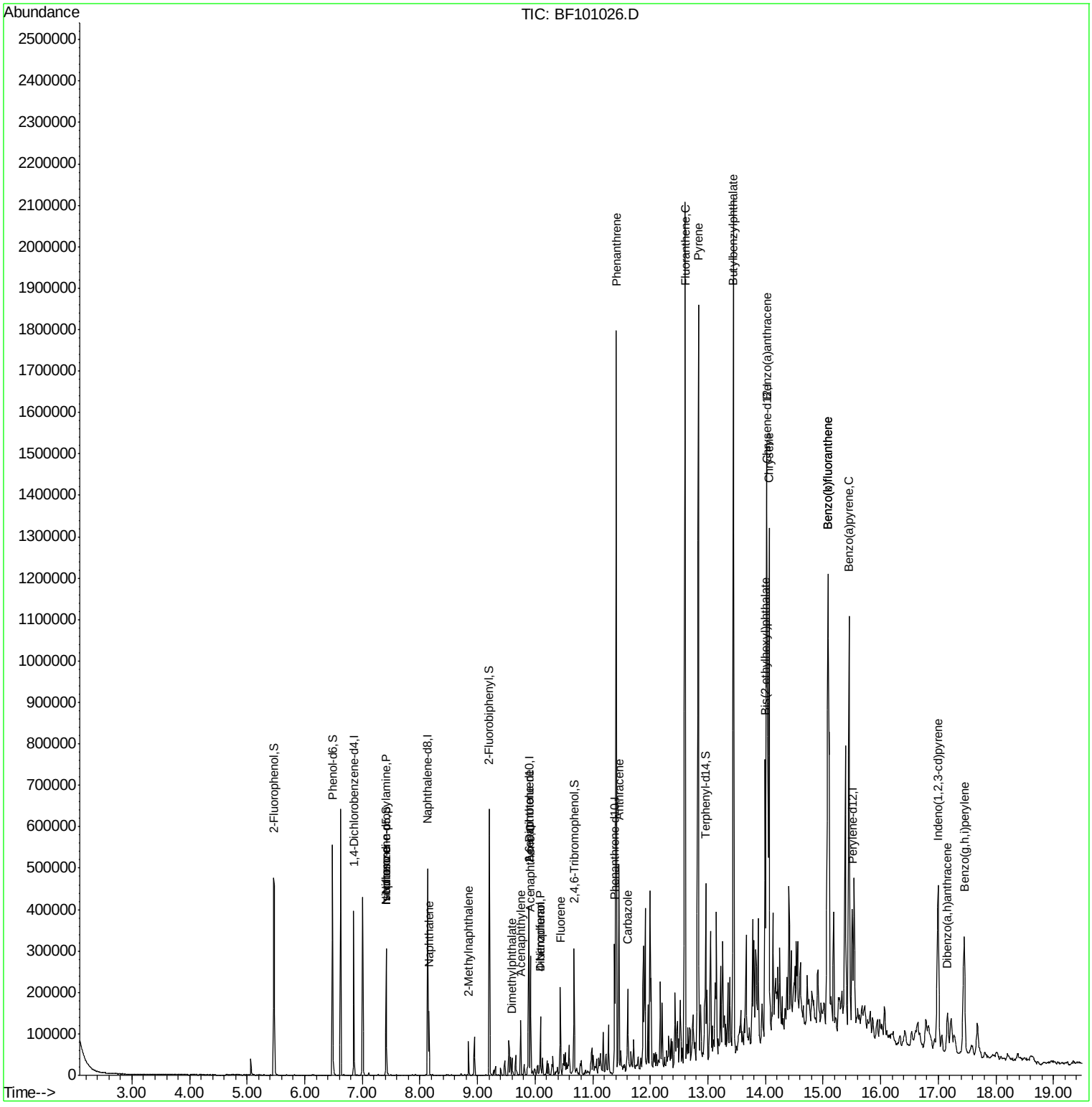
(#) = qualifier out of range (m) = manual integration (+) = signals summed

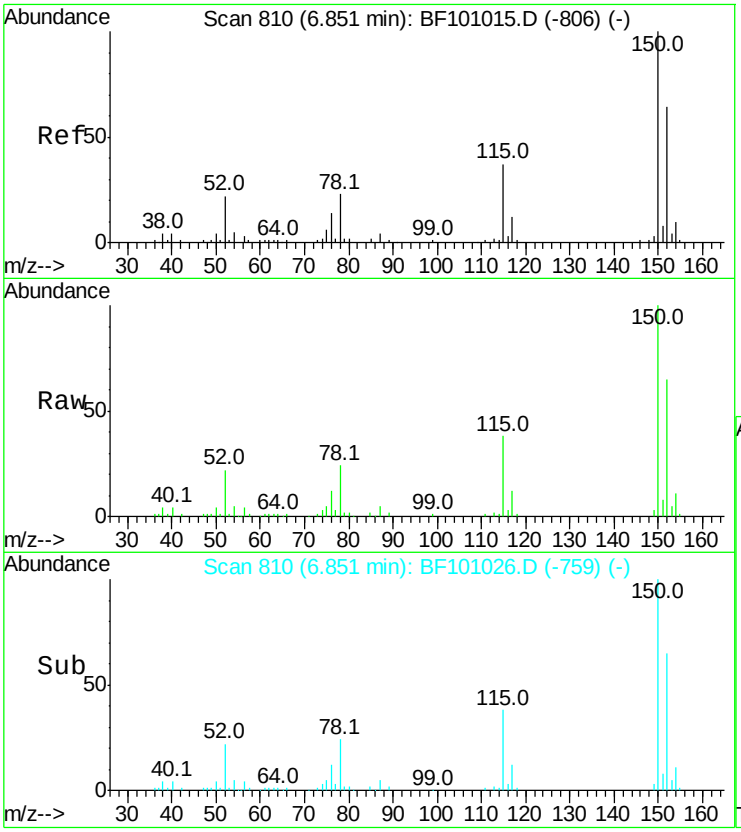
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101026.D
Acq On : 30 Nov 2017 19:17
Operator : SJ/JU
Sample : I6610-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 00:34:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration



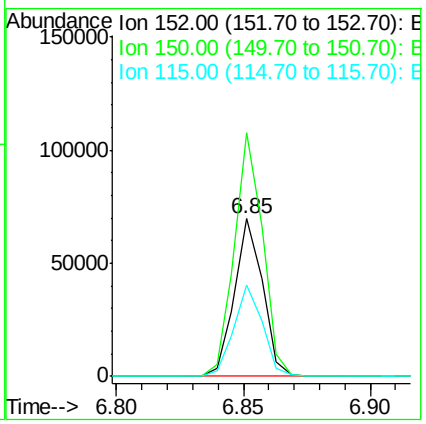


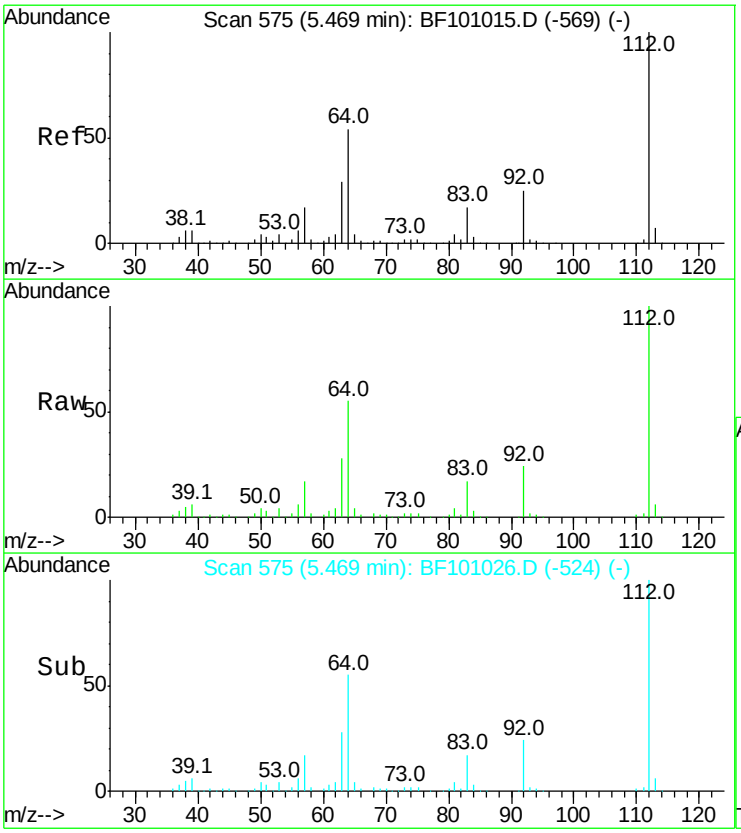
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 53722

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.2	50.1	75.1

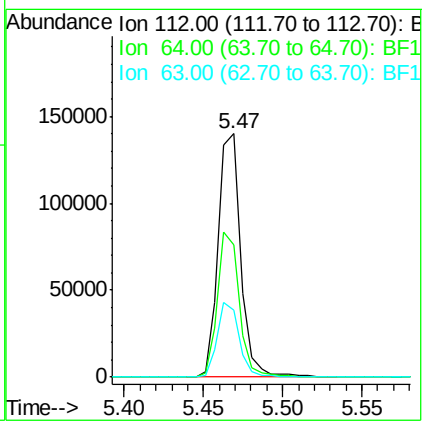


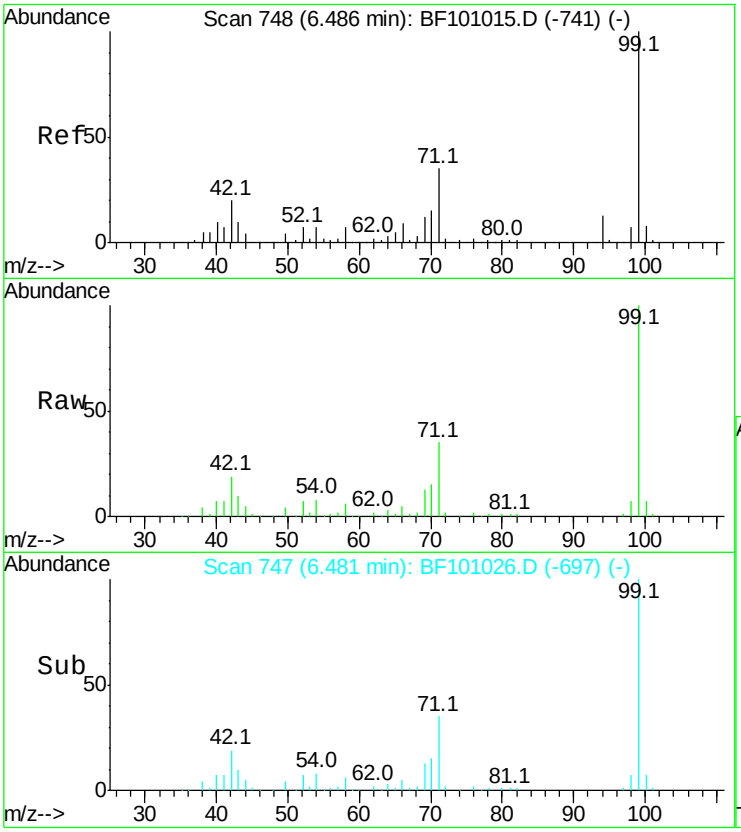


#5
2-Fluorophenol
Concen: 42.474 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:112 Resp: 138085

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	27.5	23.7	35.5



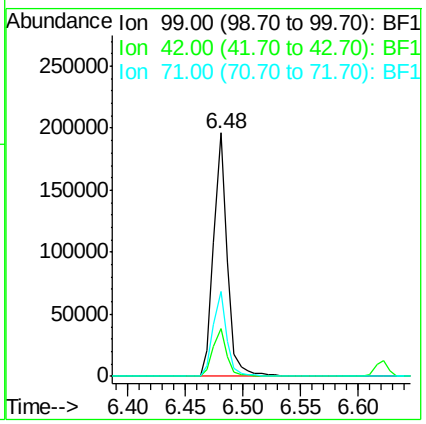


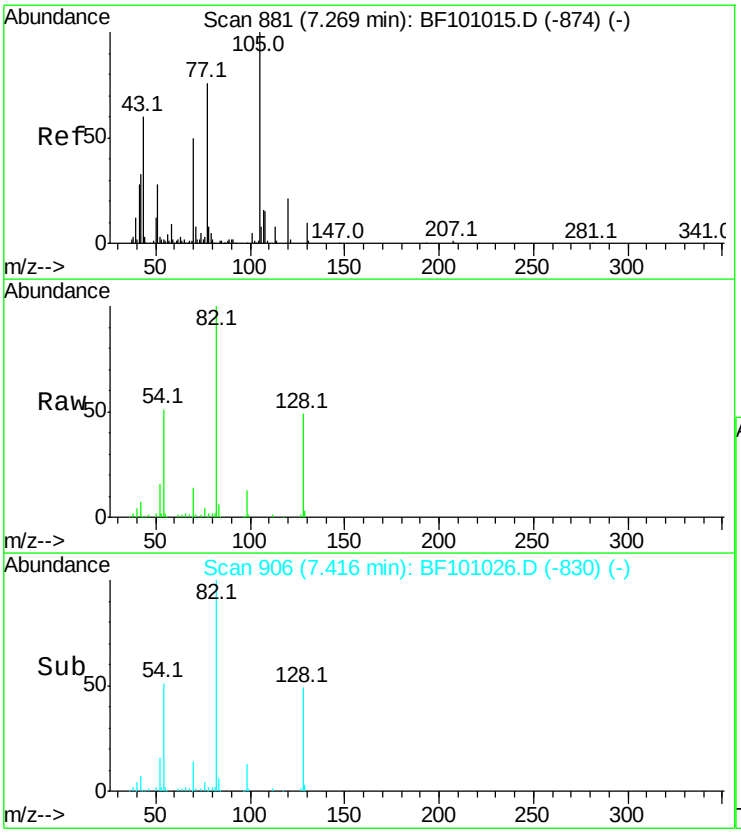
#7
Phenol-d6
Concen: 40.986 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 161775

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.9	25.4	38.0

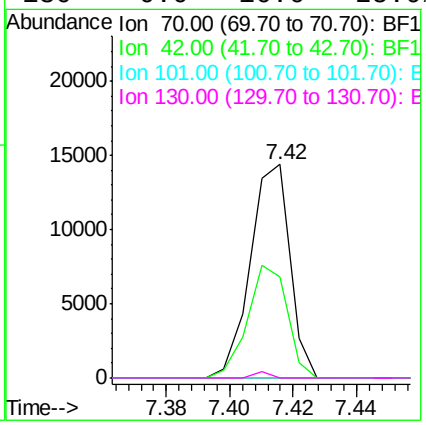


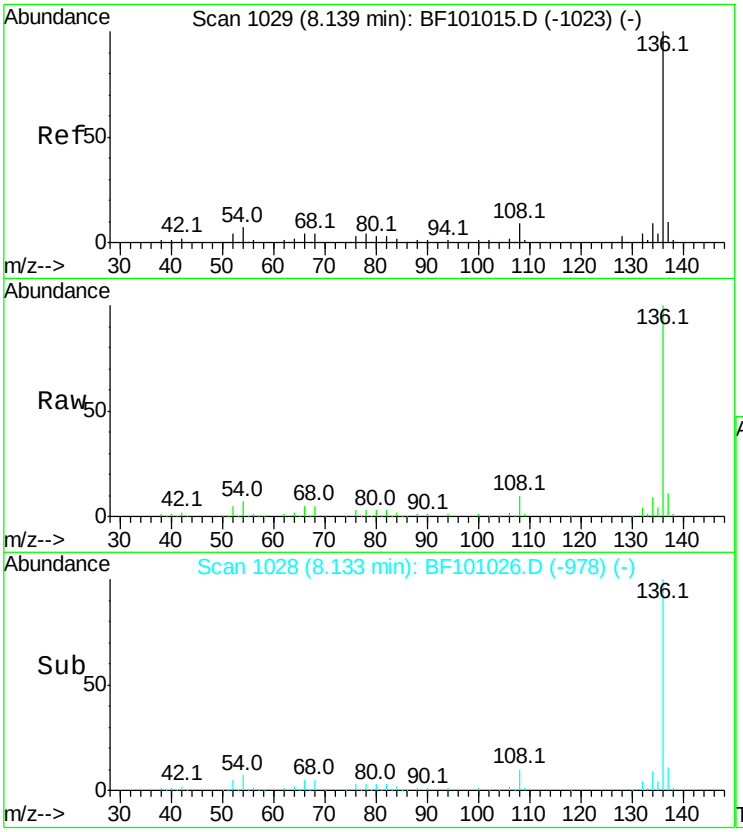


#19
n-Nitroso-di-n-propylamine
Concen: 4.707 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion: 70 Resp: 12512

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



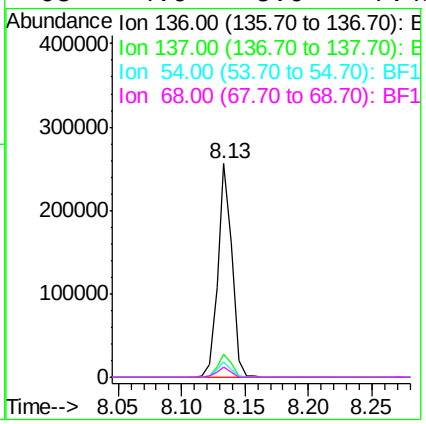


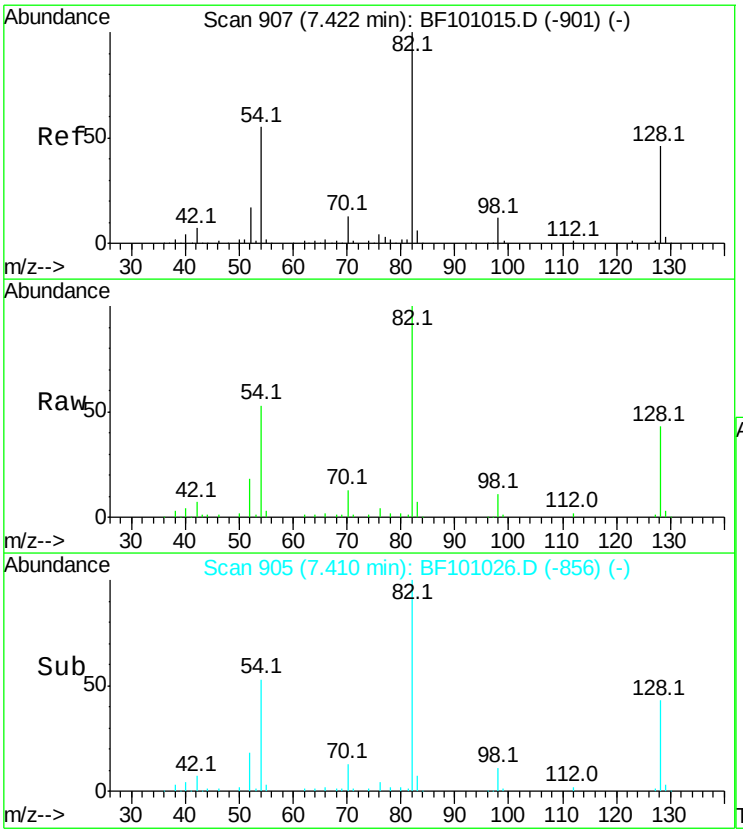
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 201118

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	4.9	5.0	7.4#

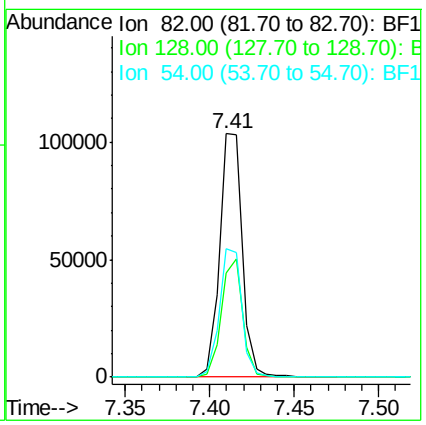


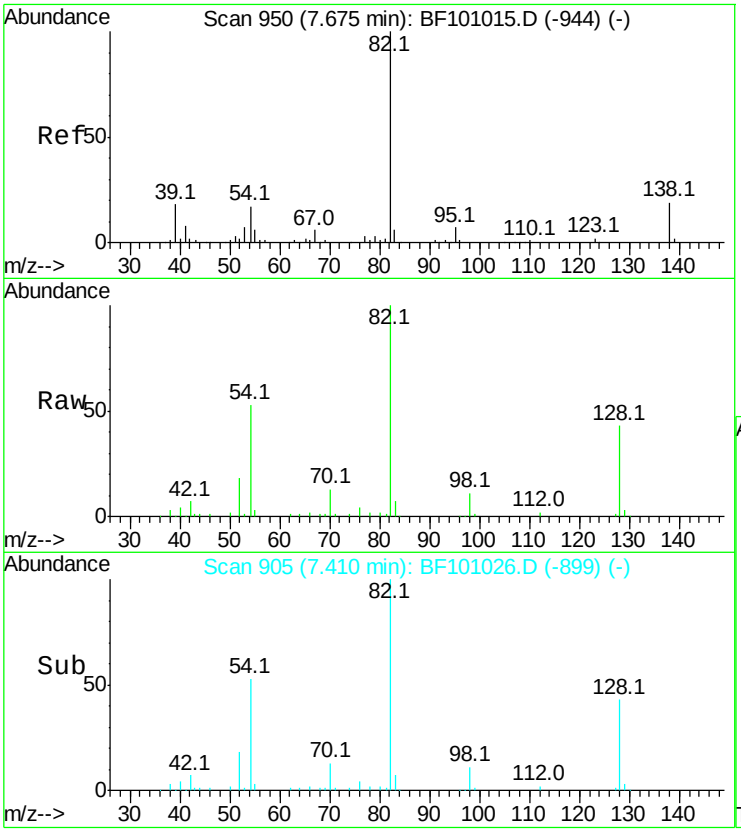


#23
Nitrobenzene-d5
Concen: 28.699 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion: 82 Resp: 96756

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	52.9	41.4	62.2



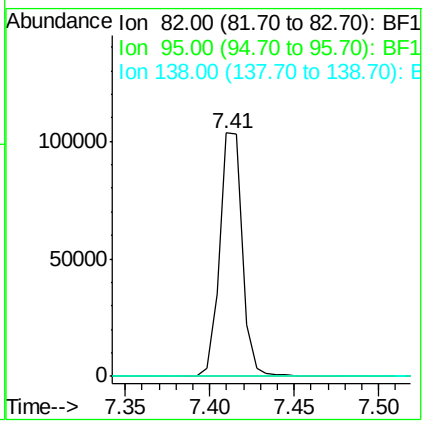


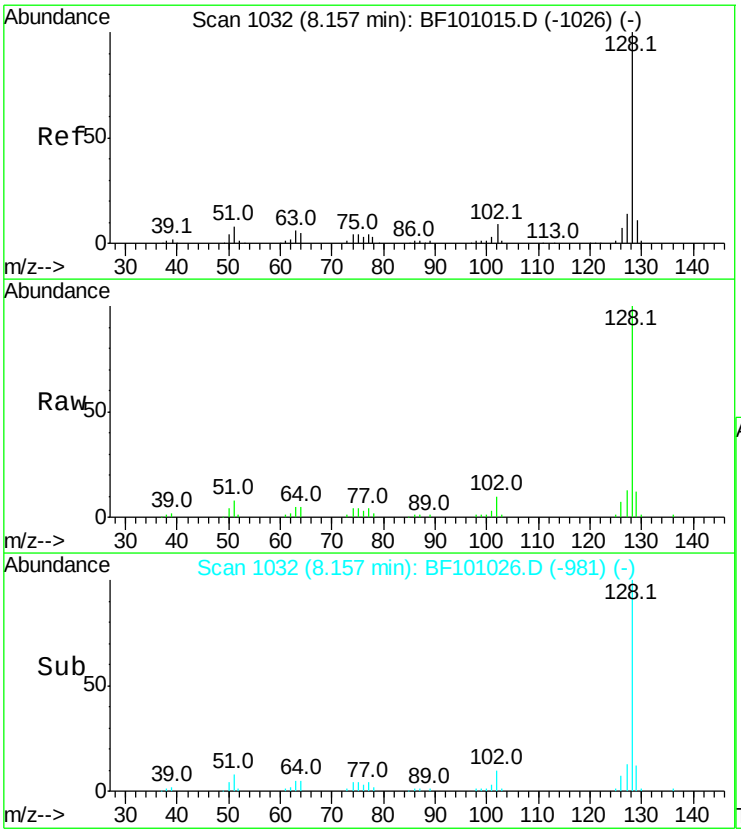
#25
Isophorone
Concen: 16.801 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 96756

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

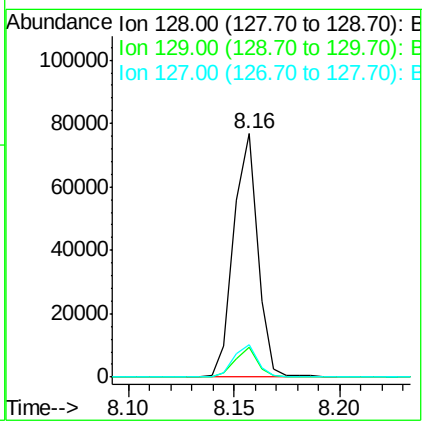


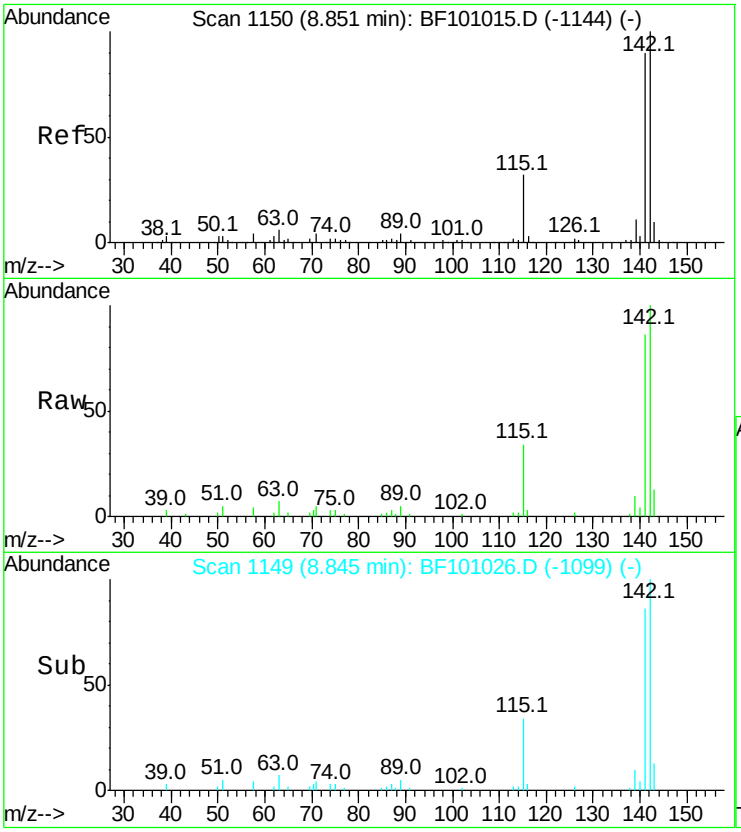


#31
Naphthalene
Concen: 6.082 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:128 Resp: 60282

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	13.3	10.9	16.3



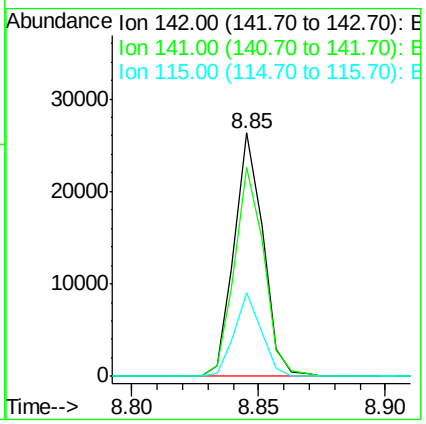


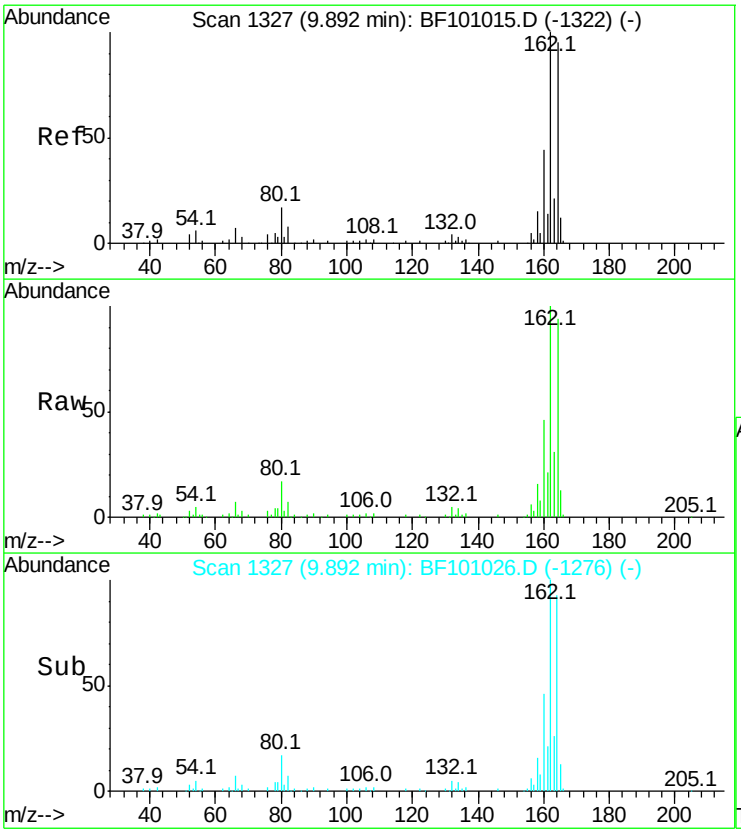
#37
2-Methylnaphthalene
Concen: 3.107 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 20924

Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.8	106.2
115	34.2	26.1	39.1

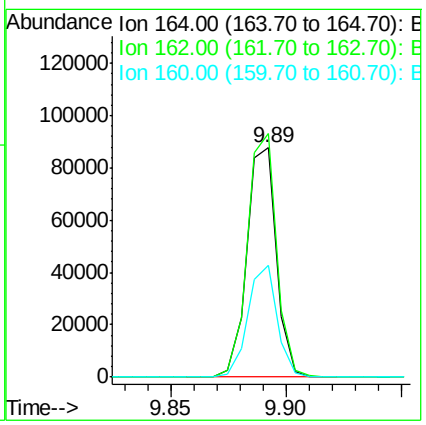


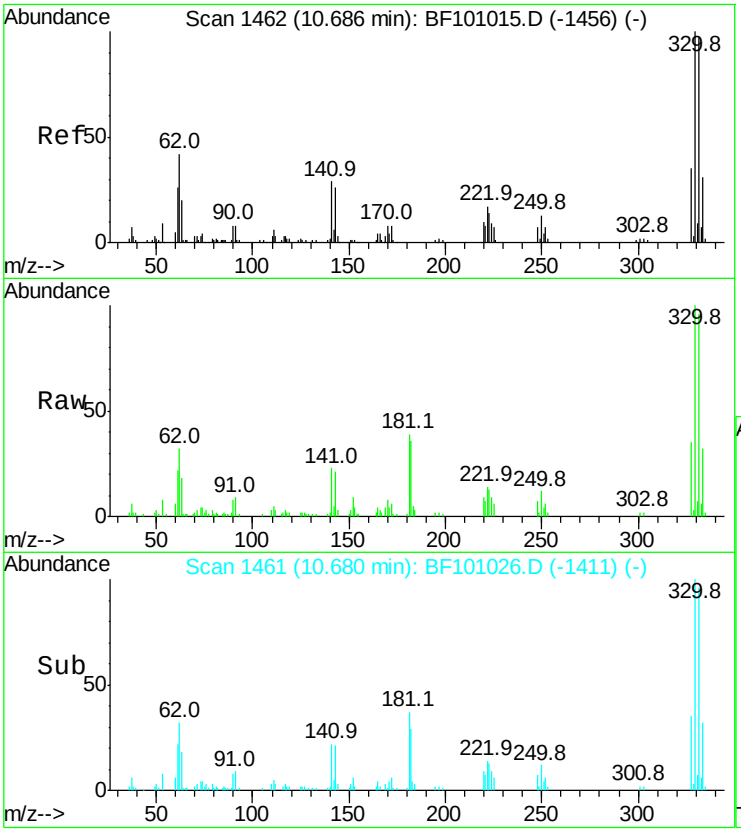


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:164 Resp: 78477

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.8	38.3	57.5



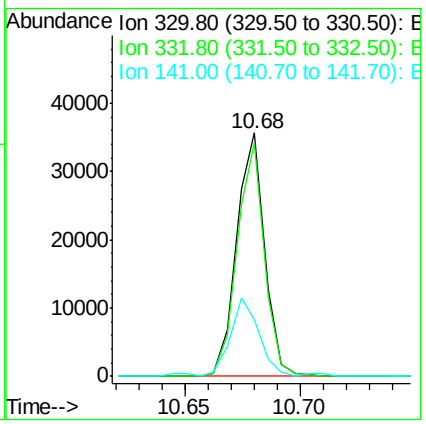


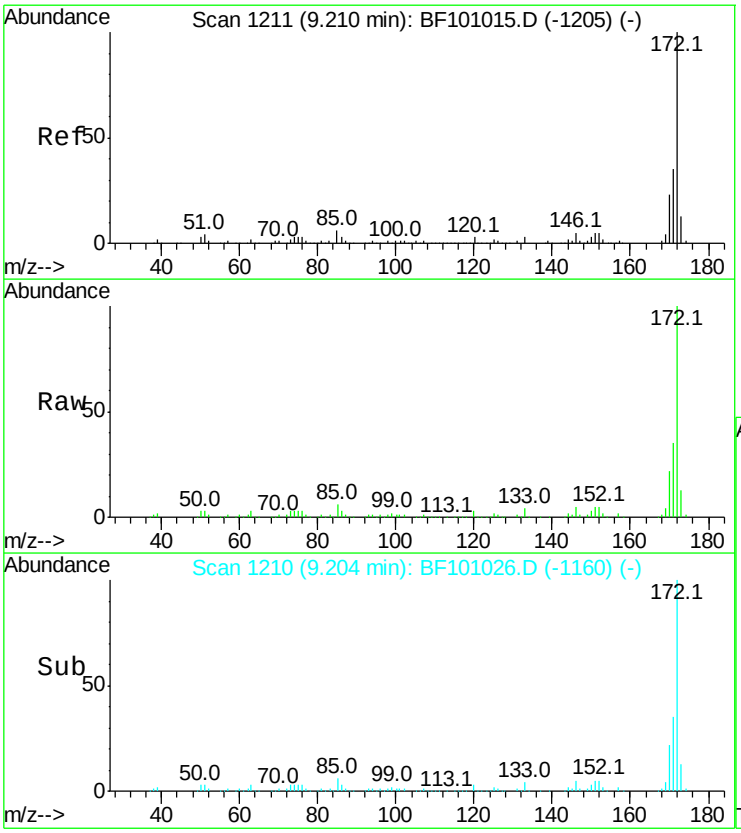
#41
2,4,6-Tribromophenol
Concen: 32.085 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 30248

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	34.7	29.9	44.9

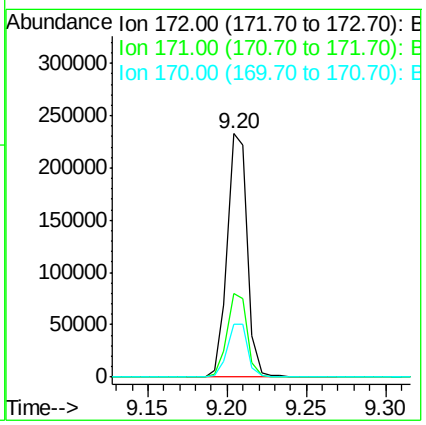


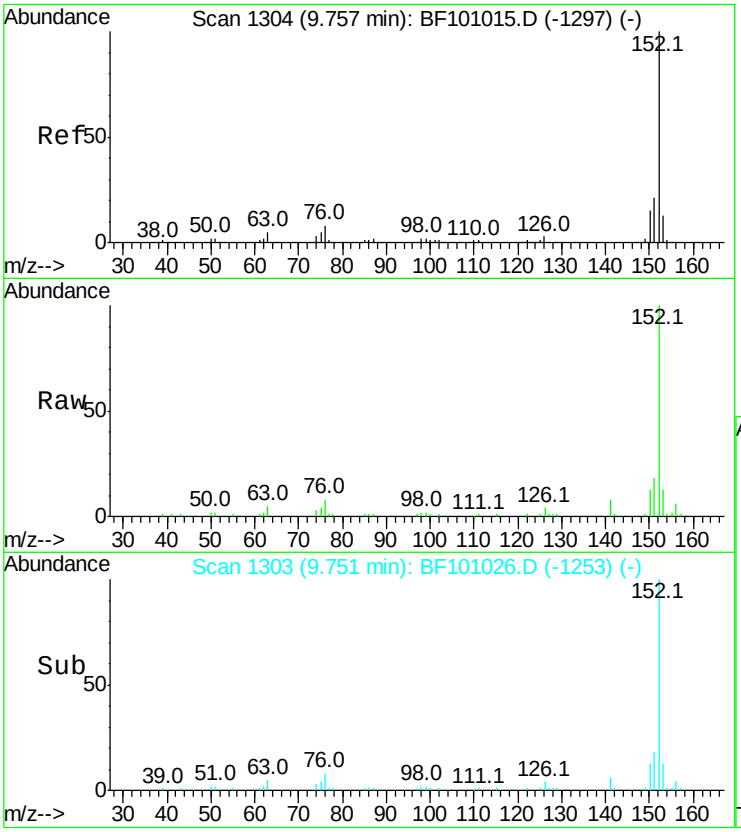


#44
2-Fluorobiphenyl
Concen: 35.632 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:172 Resp: 204378

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	22.0	19.6	29.4



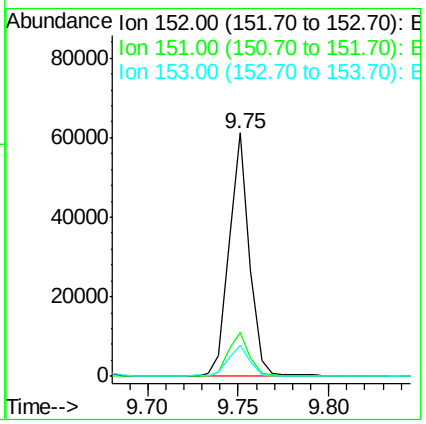


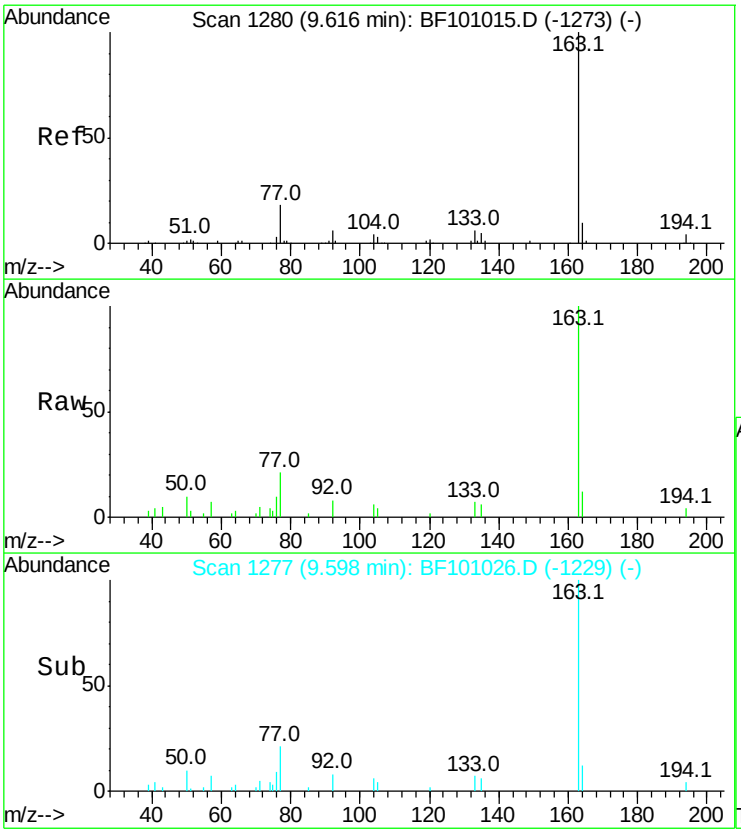
#48
Acenaphthylene
Concen: 5.680 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 47668

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	12.9	10.7	16.1

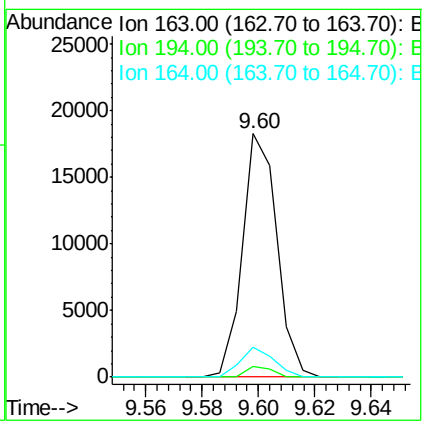


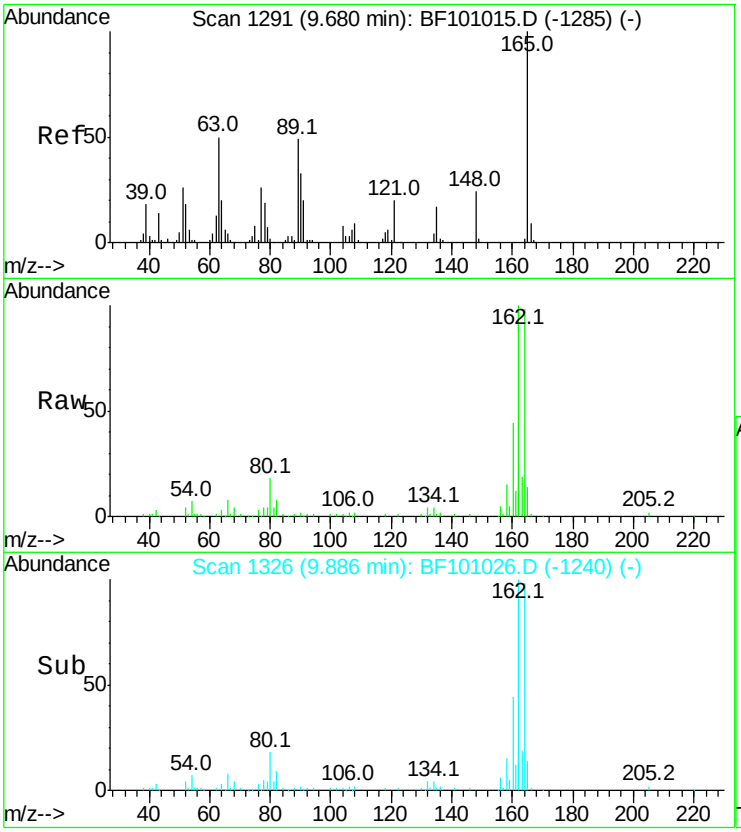


#49
Dimethylphthalate
Concen: 2.441 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:163 Resp: 15447

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	12.1	8.2	12.2



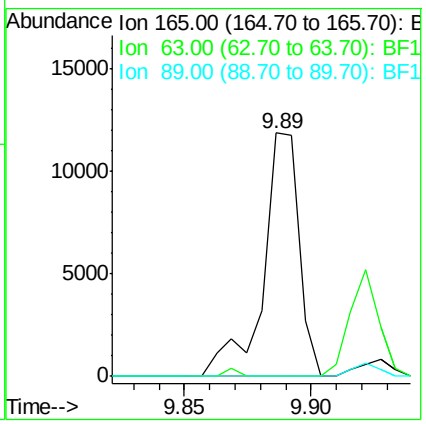


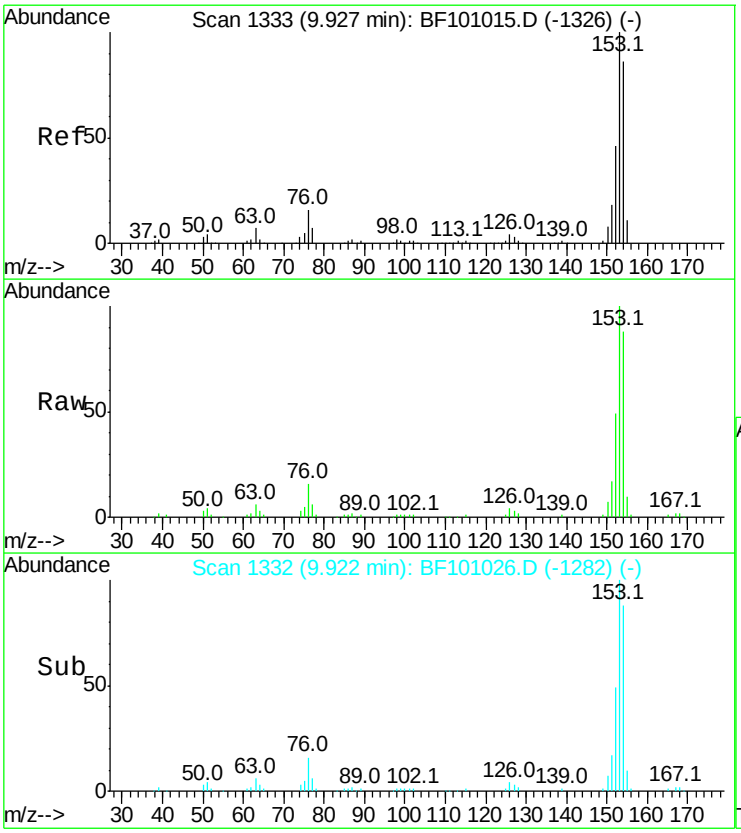
#50
2,6-Dinitrotoluene
Concen: 8.919 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11889

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

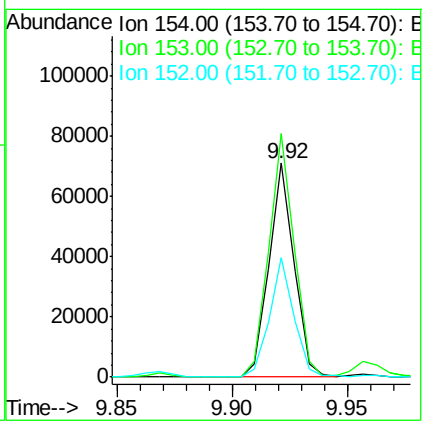


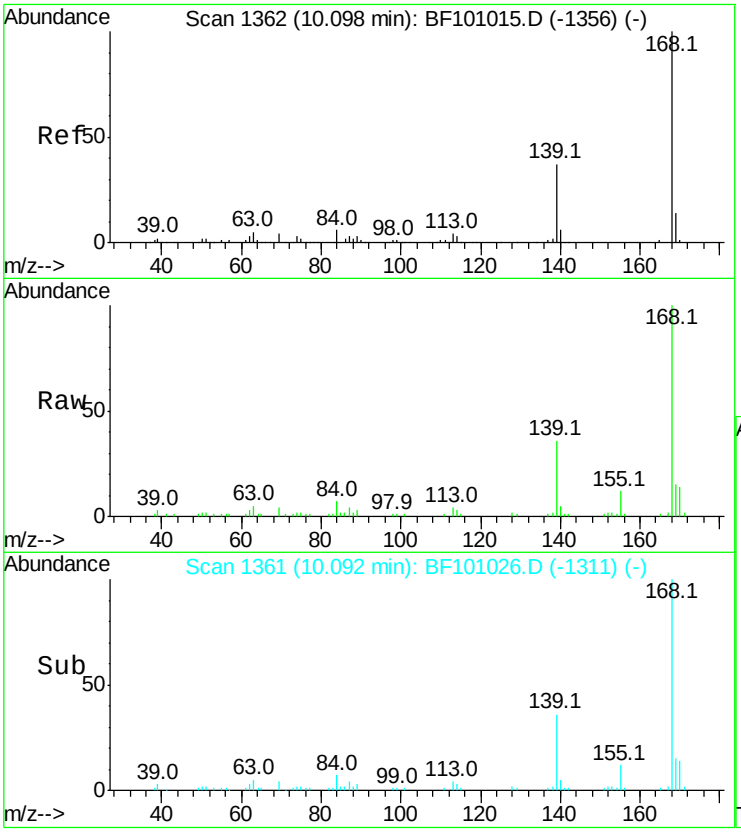


#51
Acenaphthene
Concen: 10.708 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:154 Resp: 53806

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	55.9	43.8	65.8



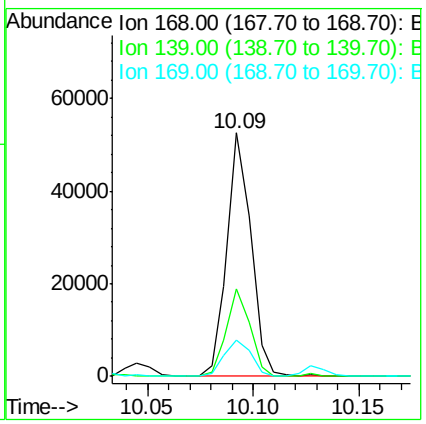


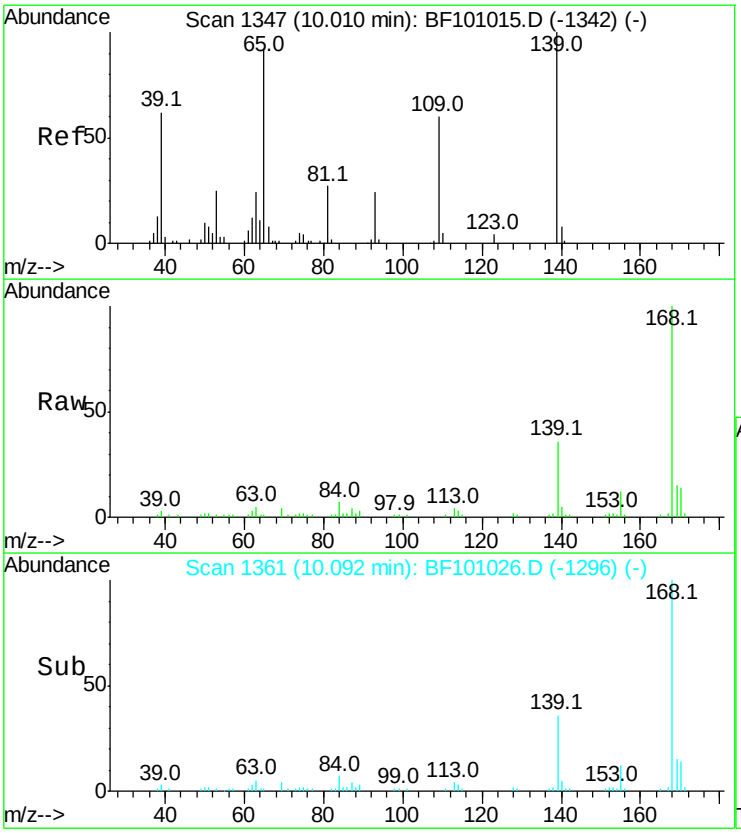
#54
Dibenzofuran
Concen: 5.711 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 41352

Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.1	45.1
169	14.9	10.9	16.3

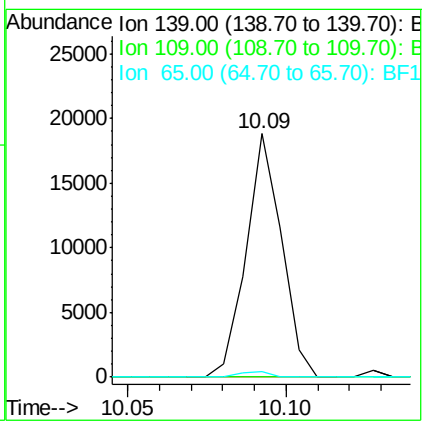


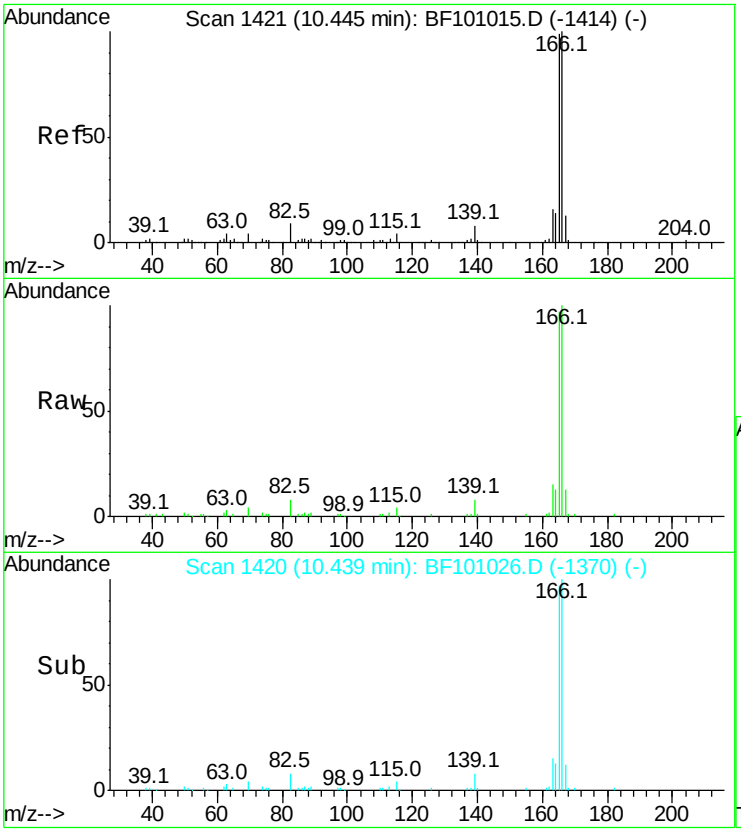


#55
4-Nitrophenol
Concen: 14.441 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:139 Resp: 14600

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.5	72.6	112.6#



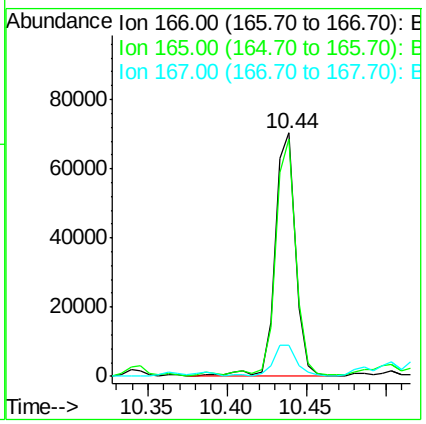


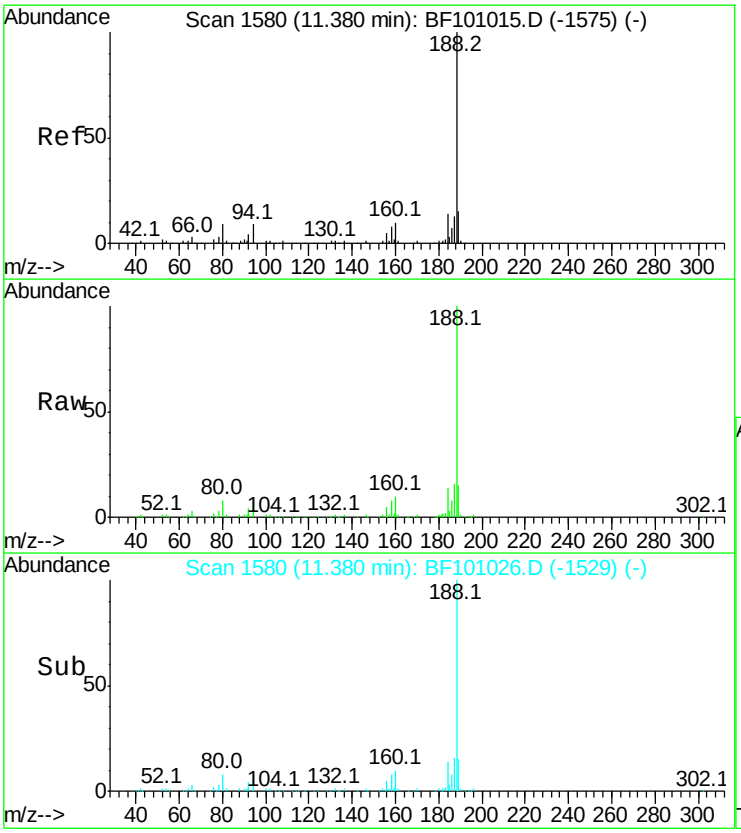
#57
Fluorene
Concen: 10.717 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 63085

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	13.1	10.6	16.0

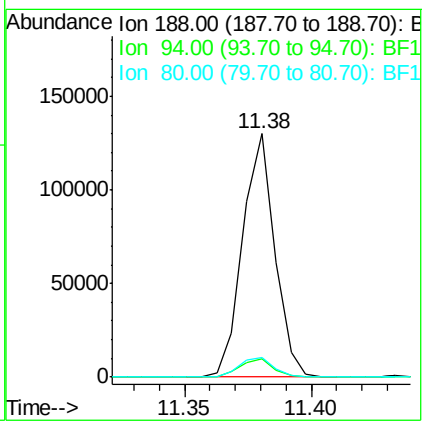


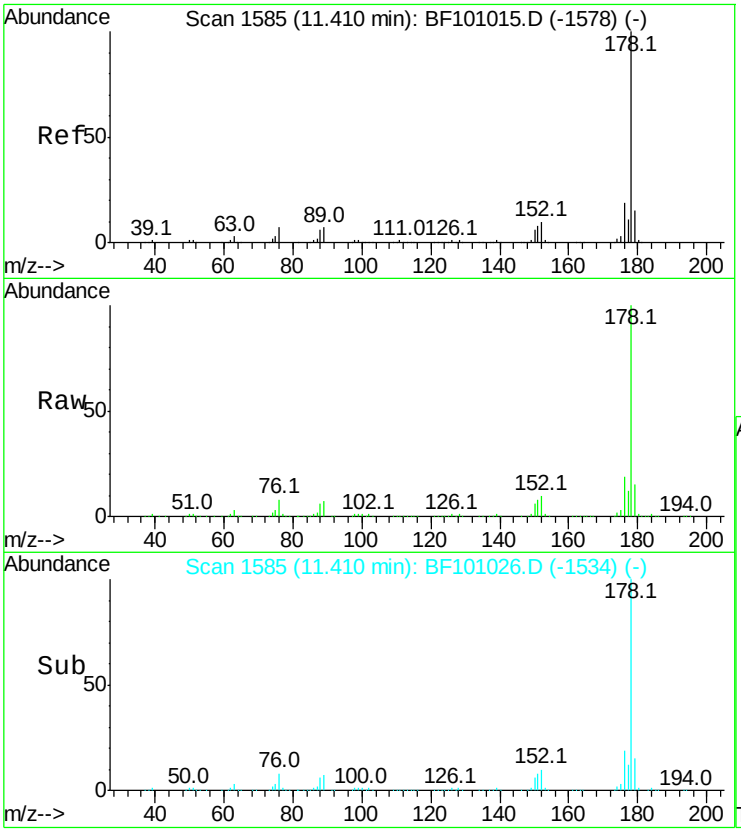


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:188 Resp: 114985

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	7.8	9.2	13.8#



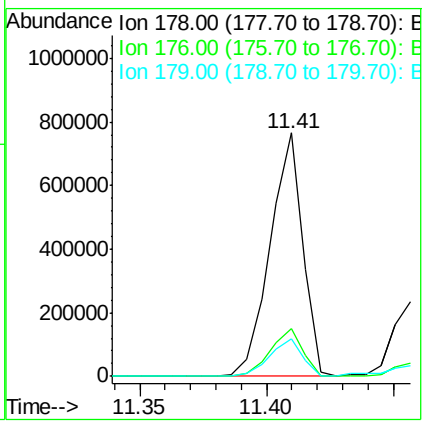


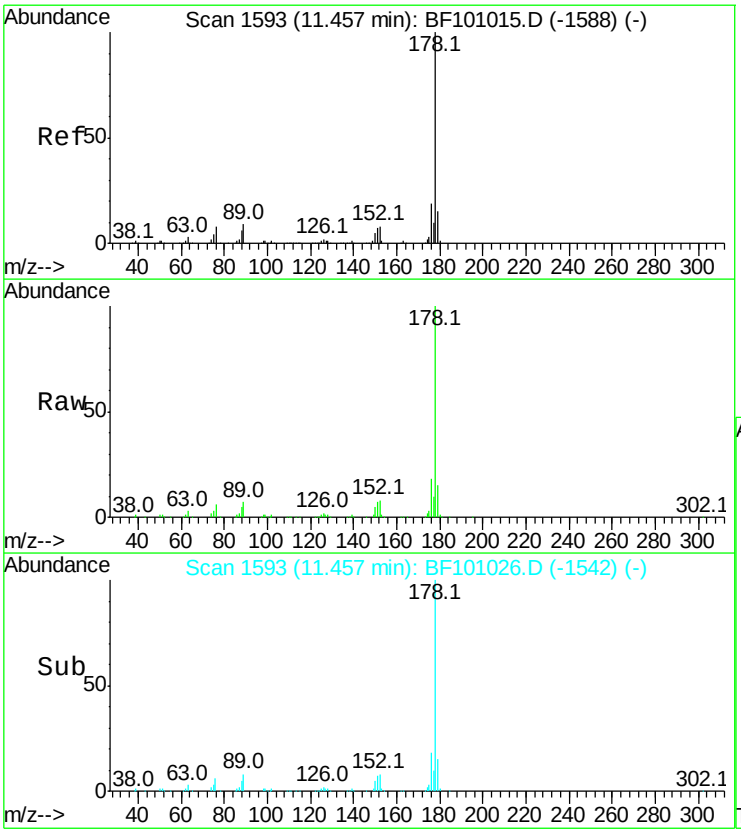
#70
Phenanthrene
Concen: 109.510 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 693434

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	13.0	19.6

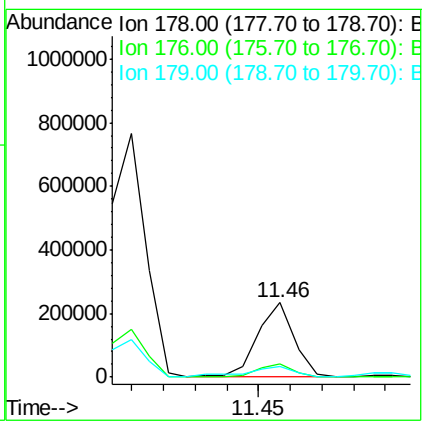


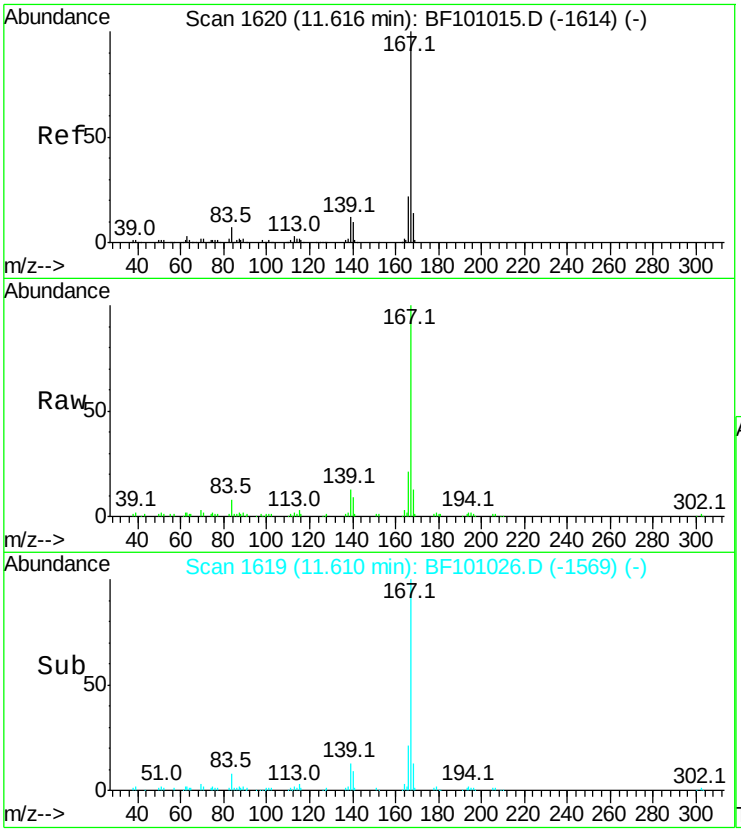


#71
Anthracene
Concen: 28.808 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:178 Resp: 184622

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.7	12.6	19.0



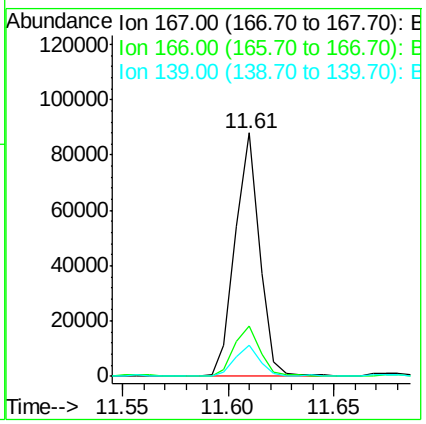


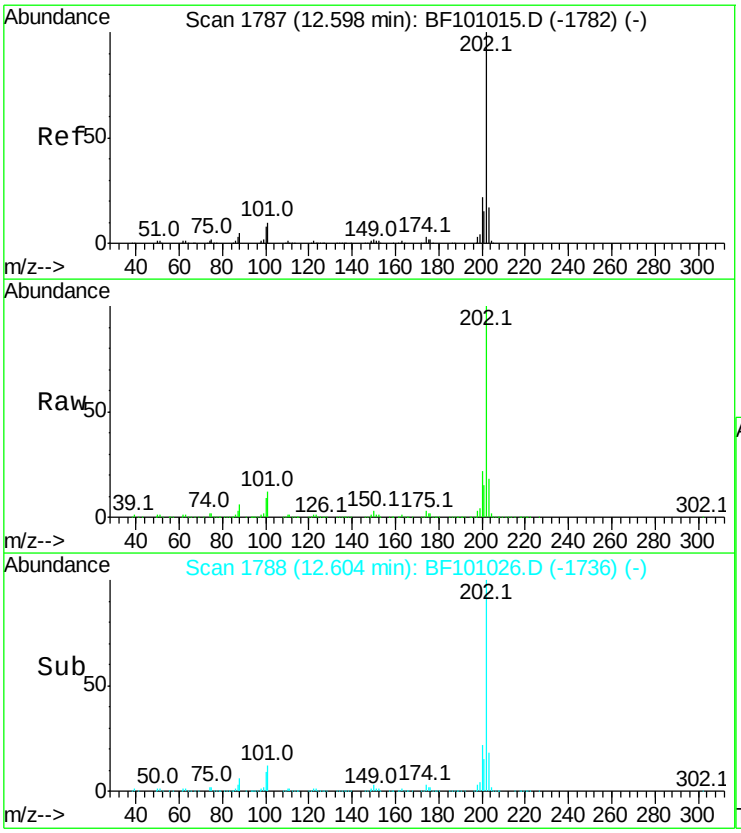
#72
Carbazole
Concen: 12.055 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 70585

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	12.6	10.9	16.3

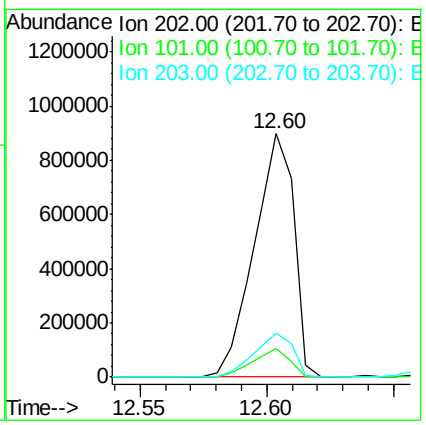


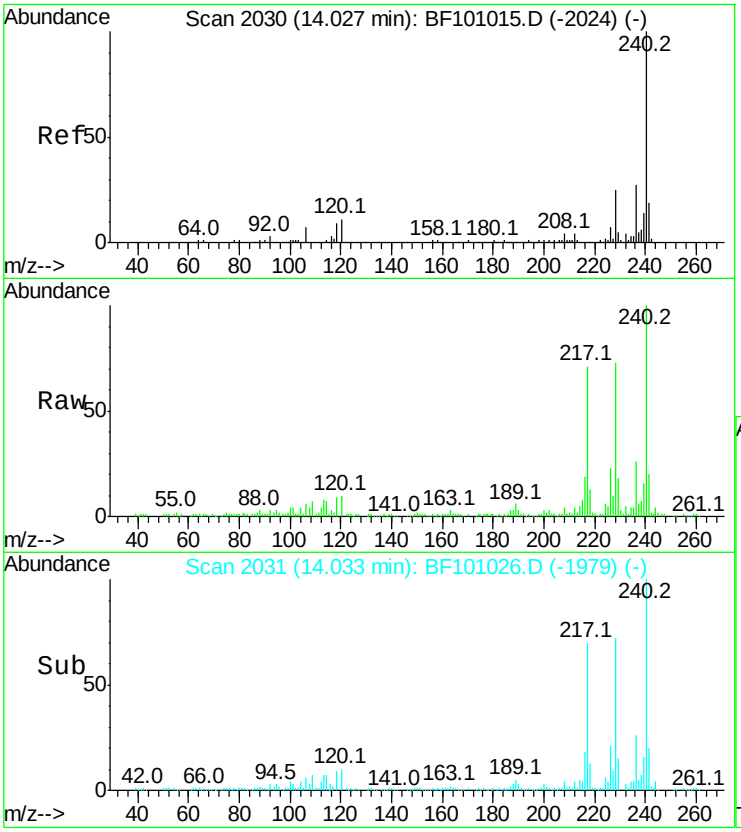


#74
Fluoranthene
Concen: 139.703 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:202 Resp: 980593

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	18.1	0.0	38.1



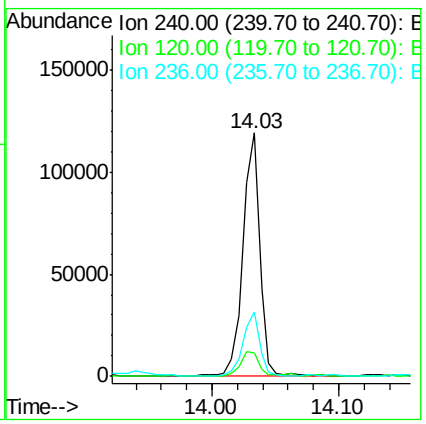


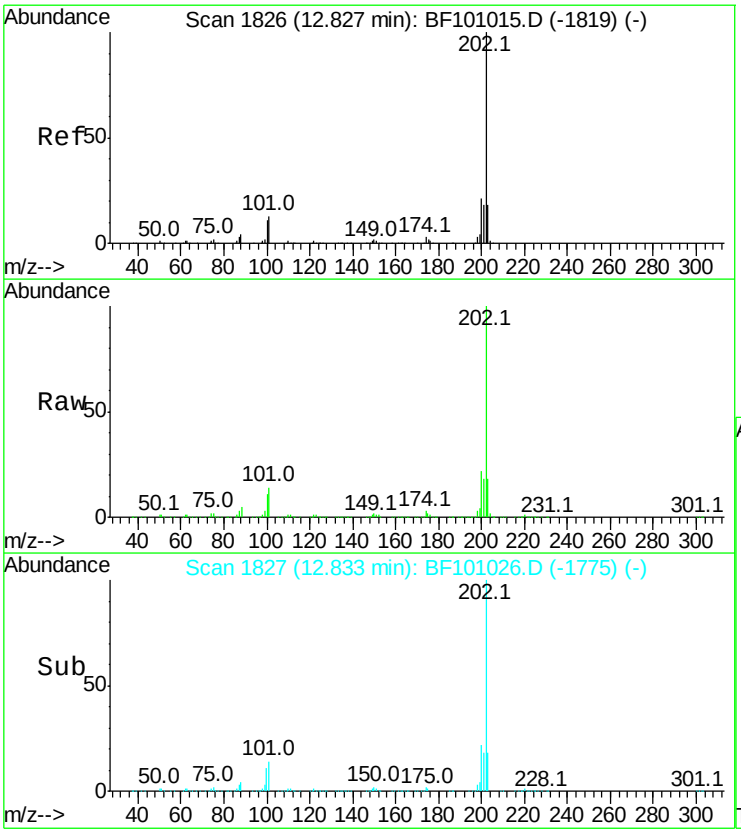
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 110105

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.5	20.7	31.1

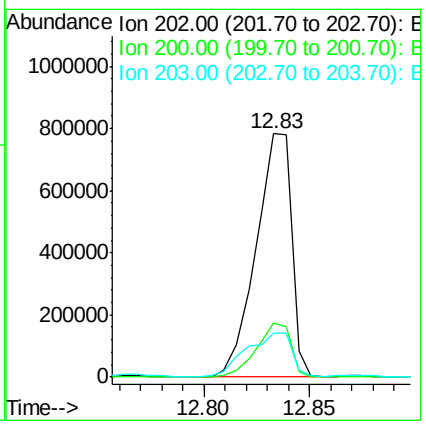


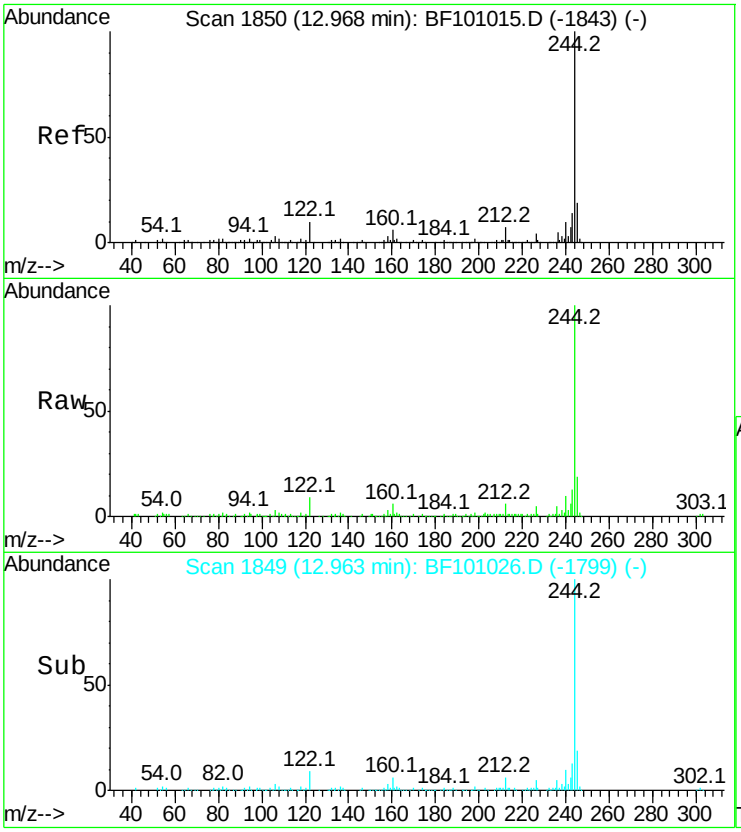


#77
Pyrene
Concen: 120.555 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:202 Resp: 915925

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.1	14.3	21.5



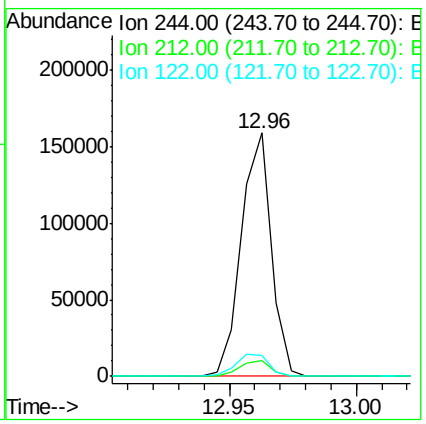


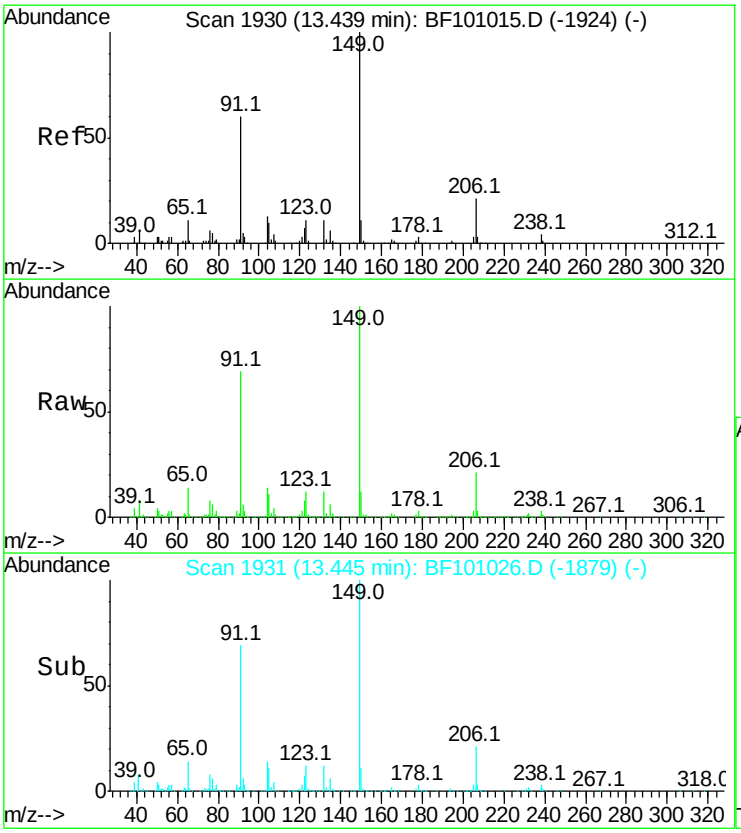
#78
Terphenyl-d14
Concen: 25.963 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 130697

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.6	11.0	16.4#

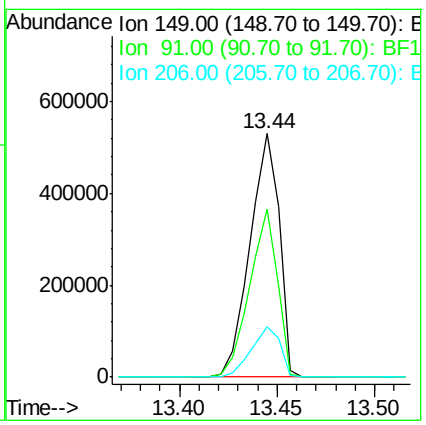


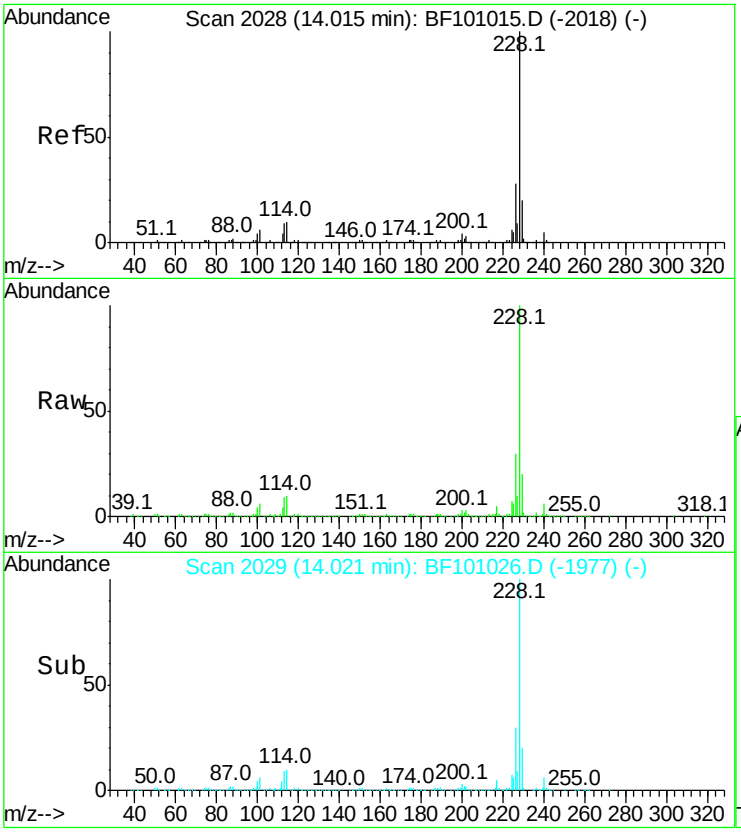


#79
Butylbenzylphthalate
Concen: 164.652 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:149 Resp: 551533

Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	20.7	14.1	21.1



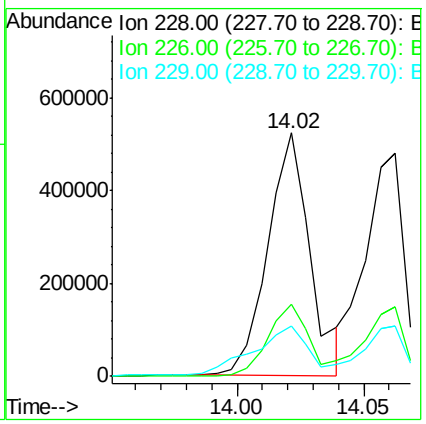


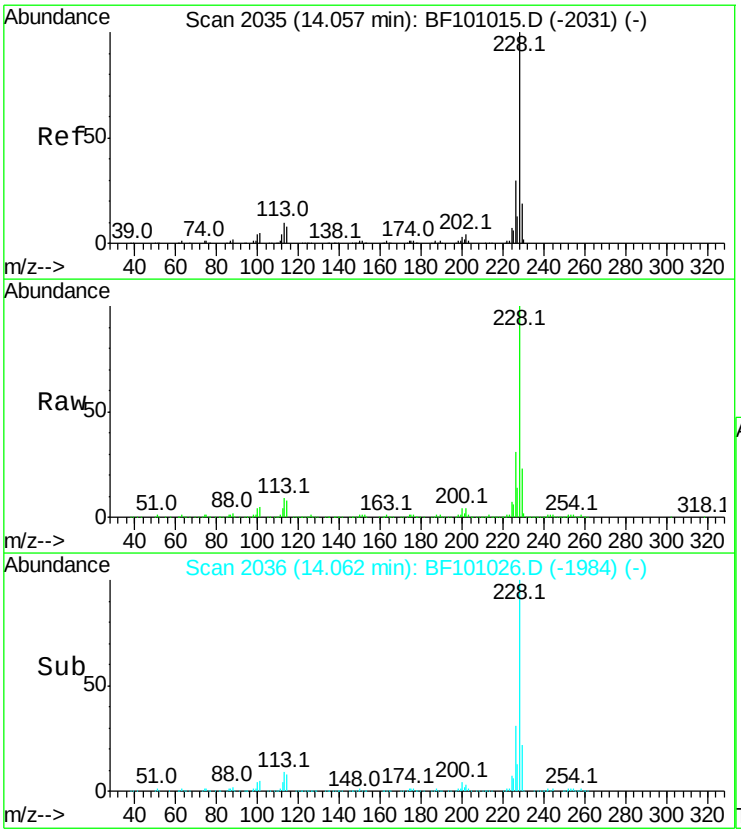
#80
Benzo(a)anthracene
Concen: 87.609 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 609045

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	20.5	15.8	23.6

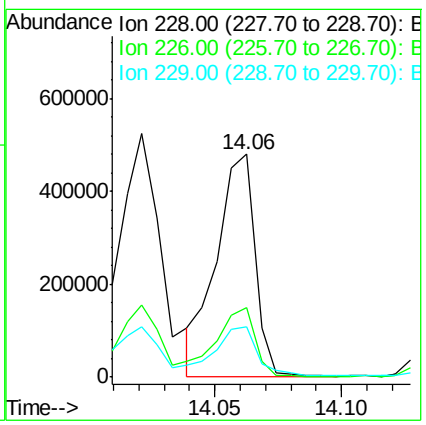


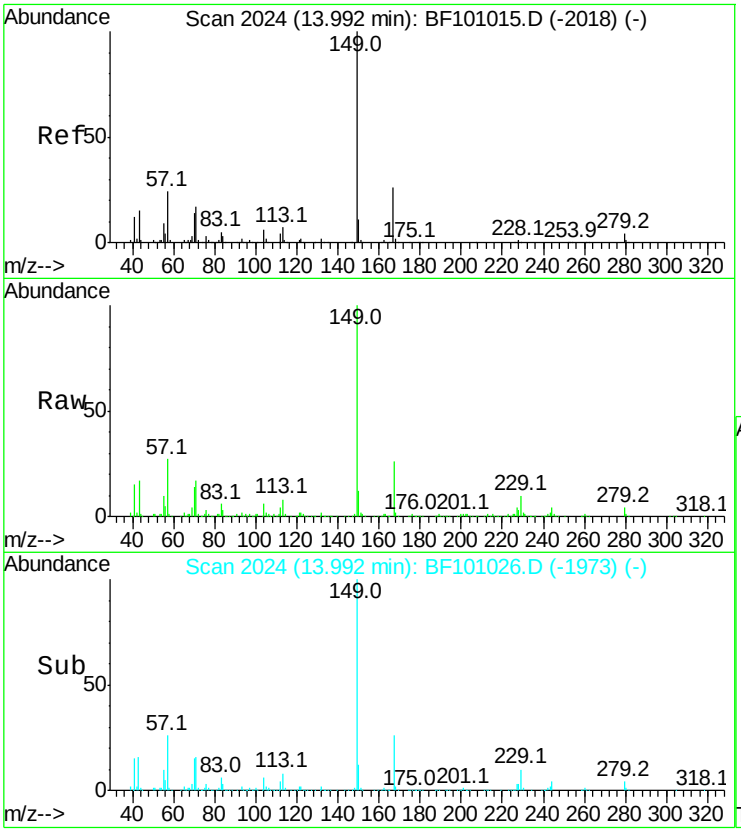


#82
Chrysene
Concen: 78.632 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:228 Resp: 507673

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.7	16.2	24.4



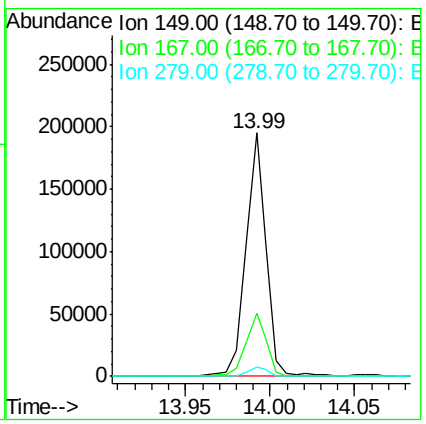


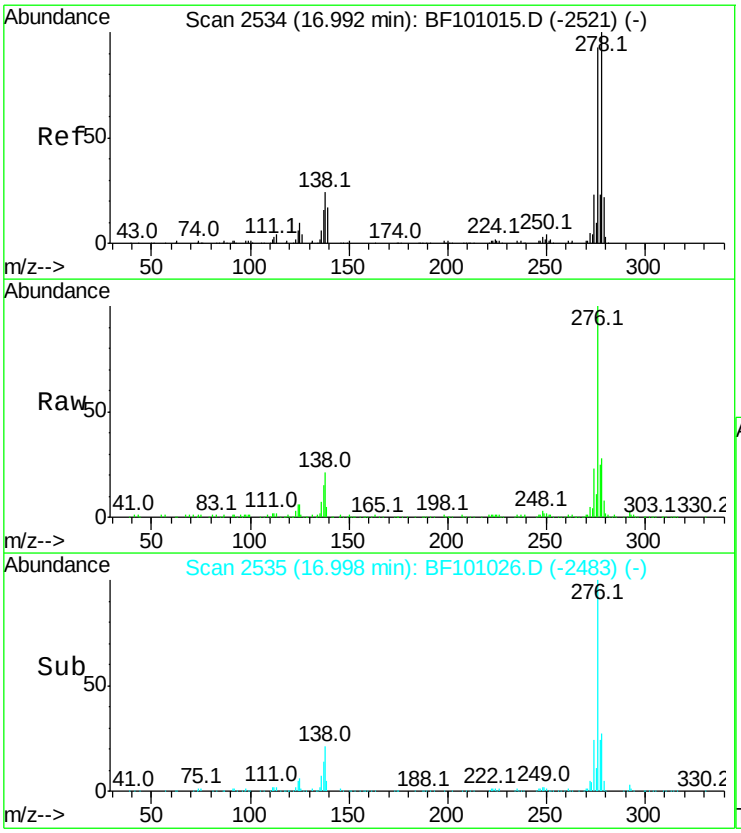
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.625 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 160595

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.7	3.0	4.4

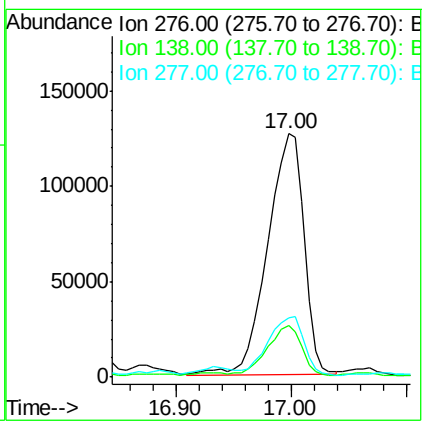


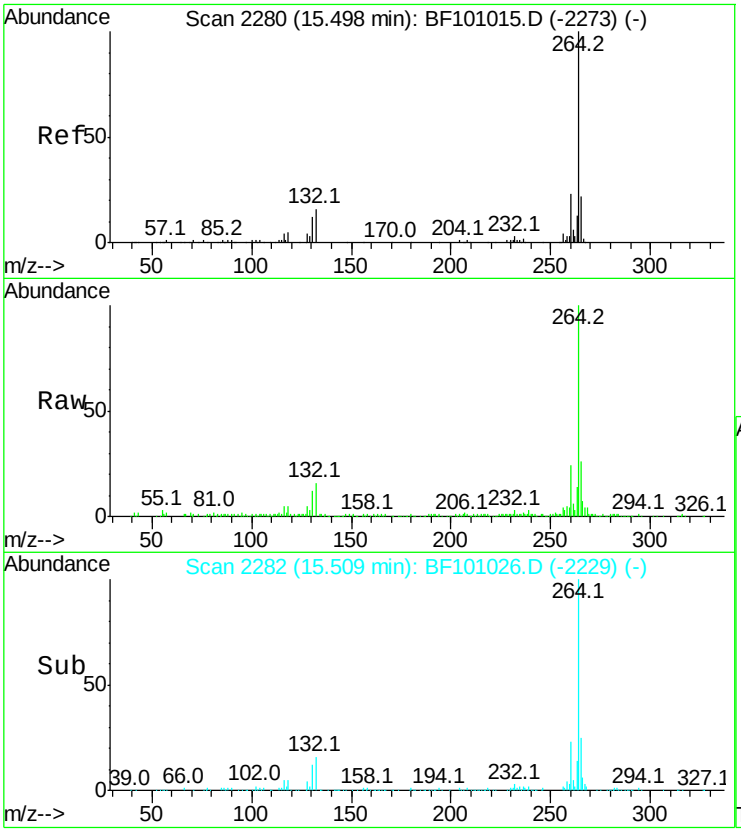


#85
Indeno(1,2,3-cd)pyrene
Concen: 48.209 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:276 Resp: 276715

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.0	37.6#
277	24.1	20.1	30.1



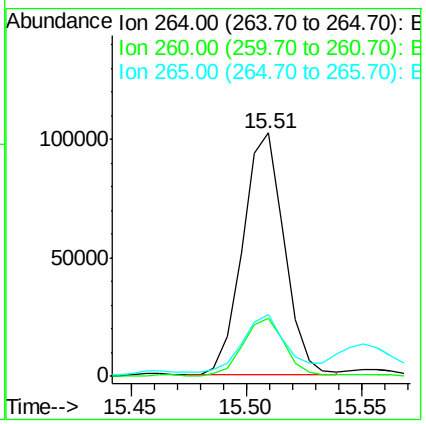


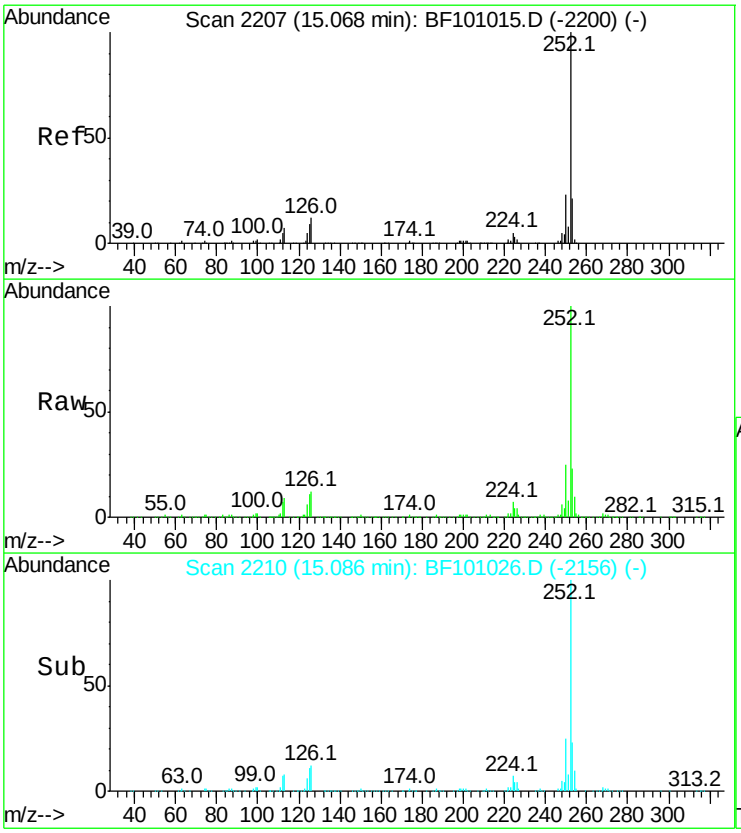
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 128395

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	25.5	17.5	26.3

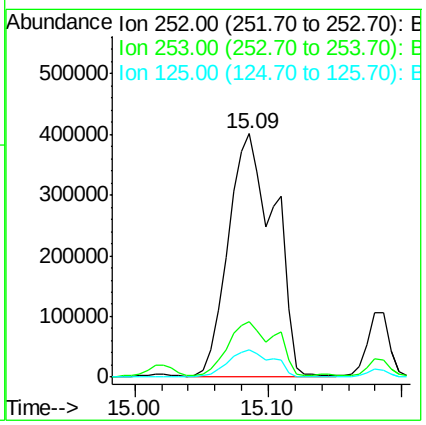


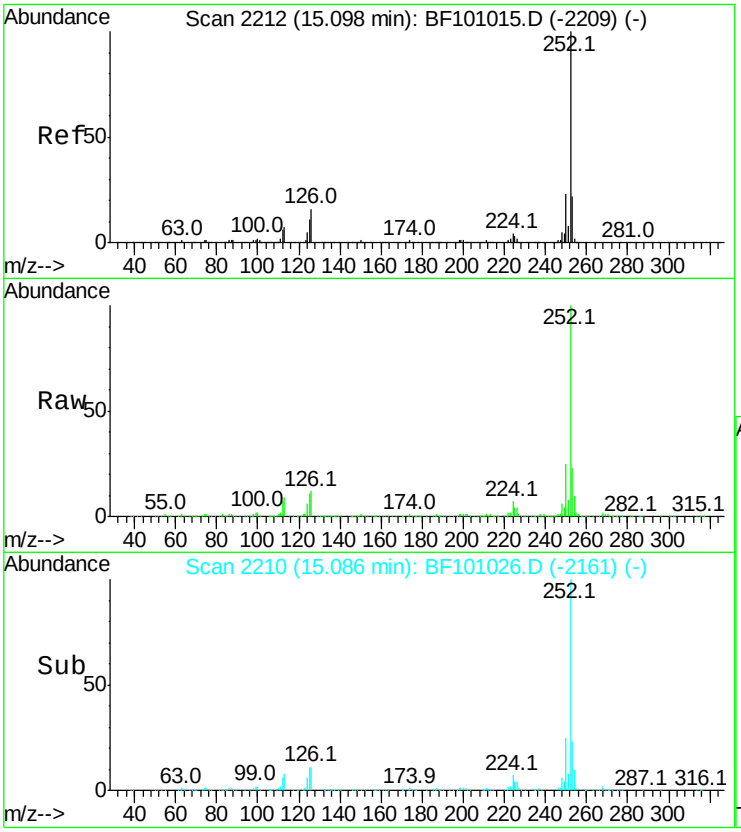


#87
Benzo(b)fluoranthene
Concen: 125.224 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:252 Resp: 963035

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.0	9.0	13.6



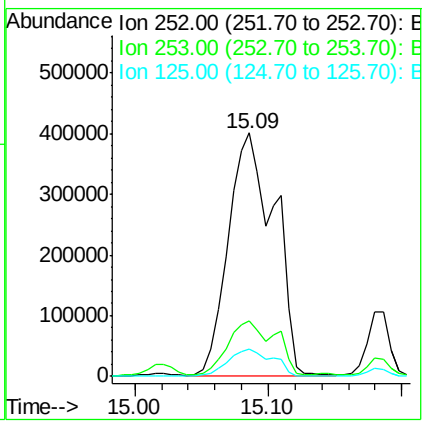


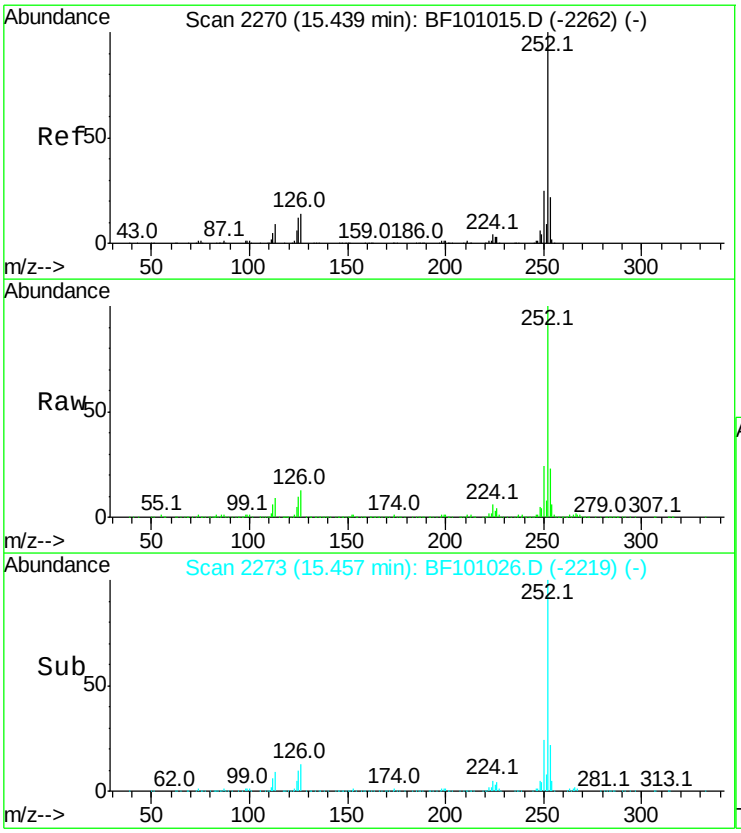
#88
Benzo(k)fluoranthene
Concen: 127.102 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 963035

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.0	10.2	15.2

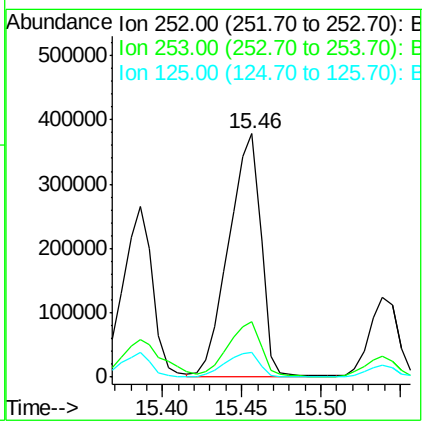


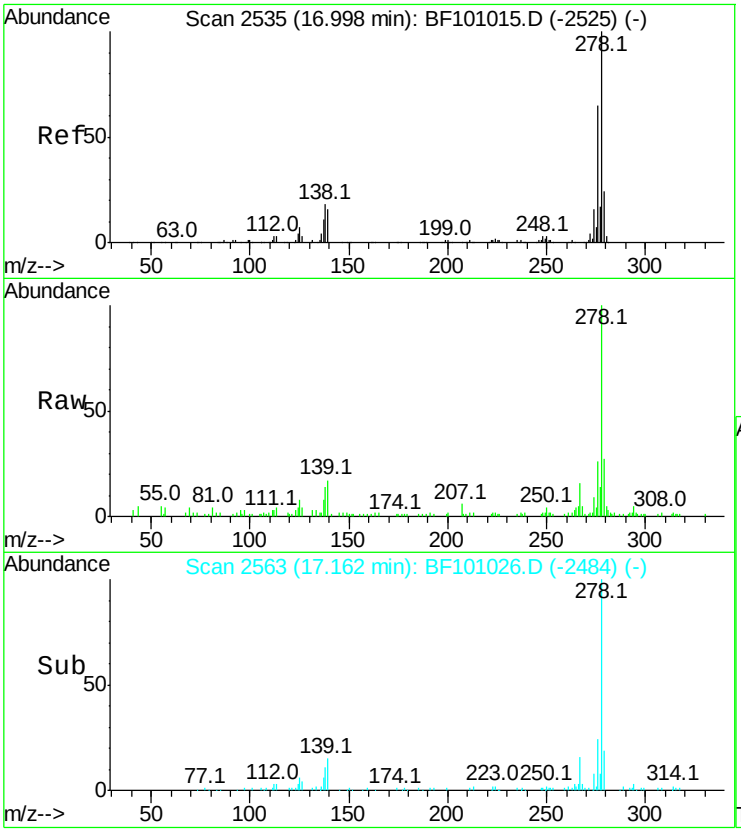


#89
Benzo(a)pyrene
Concen: 75.968 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:252 Resp: 531140

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.4	9.8	14.6



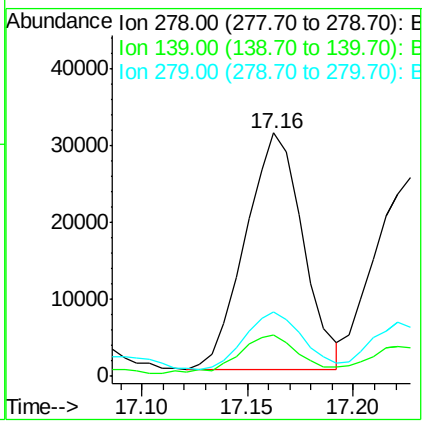


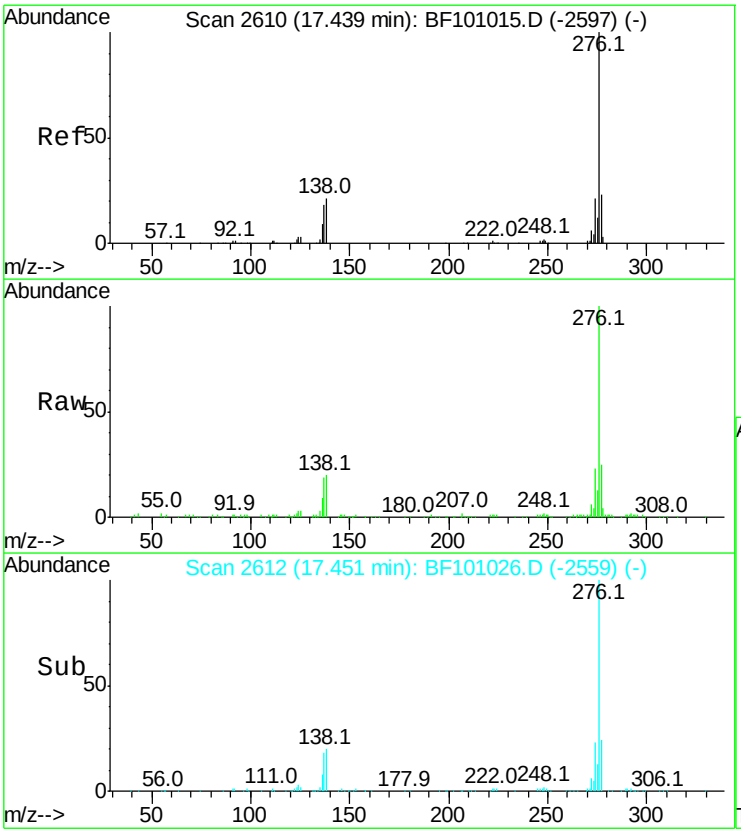
#90
Dibenzo(a,h)anthracene
Concen: 9.423 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.16 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 58084

Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	26.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 41.702 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF101026.D
Acq: 30 Nov 2017 19:17

Tgt Ion:276 Resp: 242243

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	20.2	21.8	32.8#