Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103011.D
Acq On : 15 Feb 2018 12:15
Operator : SJ/JU
Sample : J1539-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAIN-ST-LINE-1-WW@4

Quant Time: Feb 15 14:15:27 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	198998	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	832580	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	377980	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	667224	20.00	ng		0.00
75) Chrysene-d12	14.04	240	525139	20.00	ng		0.00
86) Perylene-d12	15.53	264	449728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1609617	122.84	ng		0.01
7) Phenol-d6	6.52	99	1920777	121.74	ng		0.00
23) Nitrobenzene-d5	7.45	82	1255801	104.63	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	425084	139.72	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1813331	79.61	ng		0.00
78) Terphenyl-d14	12.99	244	1673592	75.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	34531	2.947	ng		83
10) Phenol	6.52	94	63207	3.738	ng	#	72
19) n-Nitroso-di-n-propylamine	7.45	70	168640	16.212	ng	#	79
25) Isophorone	7.45	82	1255962	45.446	ng	#	64
32) Benzoic acid	7.93	122	524	8.604	ng		95
47) 2-Nitroaniline	9.47	65	342	3.513	ng	#	2
49) Dimethylphthalate	9.62	163	165972	5.632	ng		99
55) 4-Nitrophenol	10.15	139	597	4.124	ng		88
56) 2,4-Dinitrotoluene	10.18	165	4783	3.671	ng	#	42
64) 4,6-Dinitro-2-methylphenol	10.71	198	864	9.080	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	27151	3.847	ng	#	1
70) Phenanthrene	11.43	178	323298	8.700	ng		98
71) Anthracene	11.48	178	83748	2.216	ng		99
74) Fluoranthene	12.62	202	341197	9.126	ng		98
77) Pyrene	12.84	202	296425	7.198	ng		99
80) Benzo(a)anthracene	14.03	228	142066	4.302	ng		97
82) Chrysene	14.07	228	129500	3.890	ng		96
87) Benzo(b)fluoranthene	15.09	252	164054	5.626	ng	#	94
88) Benzo(k)fluoranthene	15.09	252	164054	5.889	ng	#	97
89) Benzo(a)pyrene	15.46	252	83053	3.164	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103011.D
Acq On : 15 Feb 2018 12:15
Operator : SJ/JU
Sample : J1539-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Quant Time: Feb 15 14:15:27 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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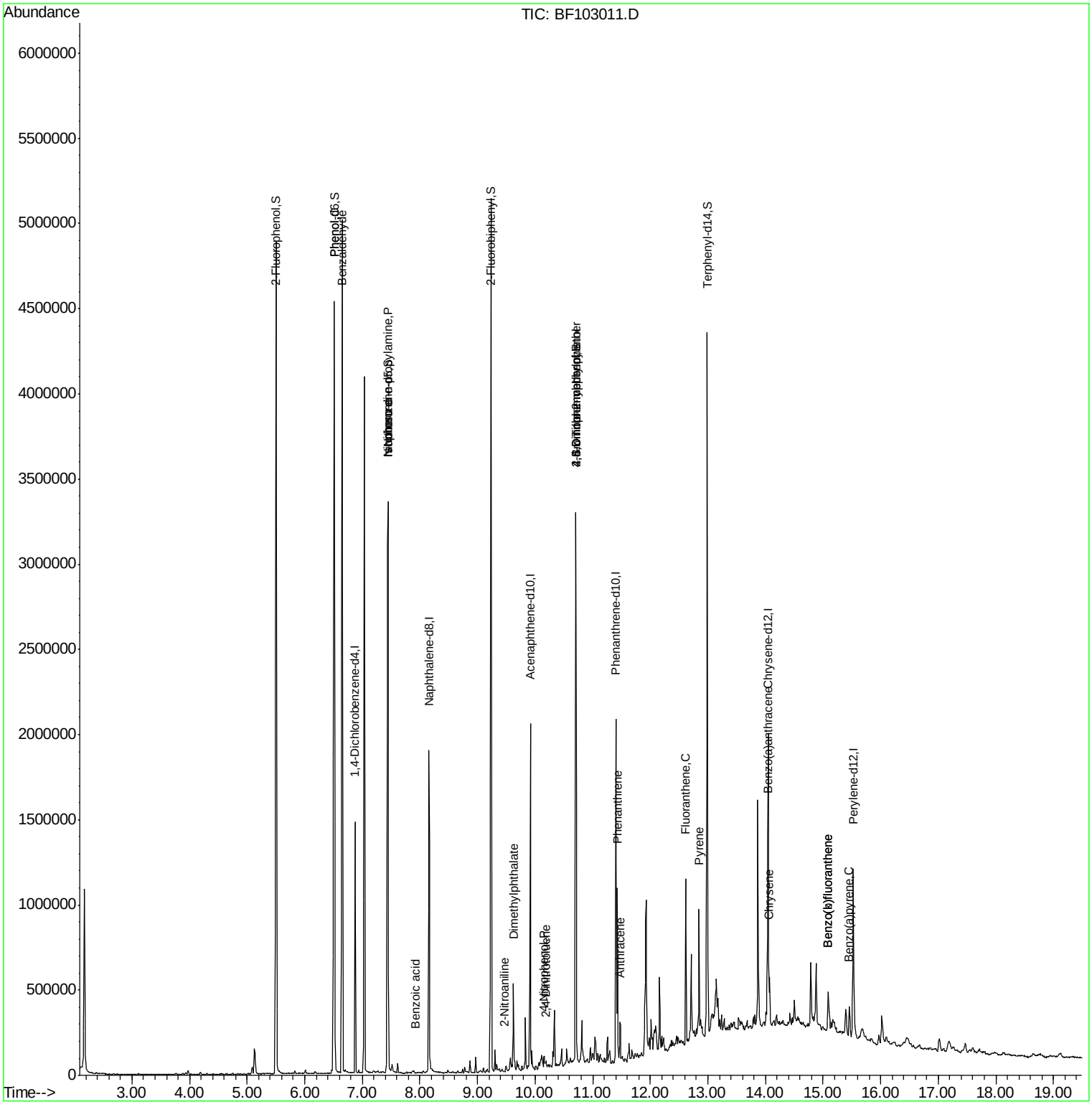
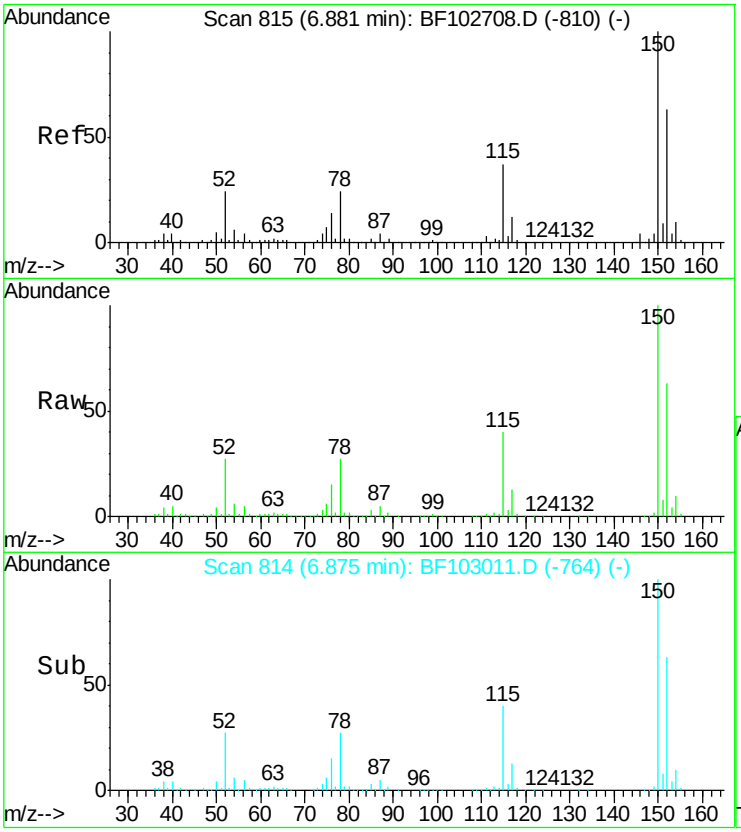


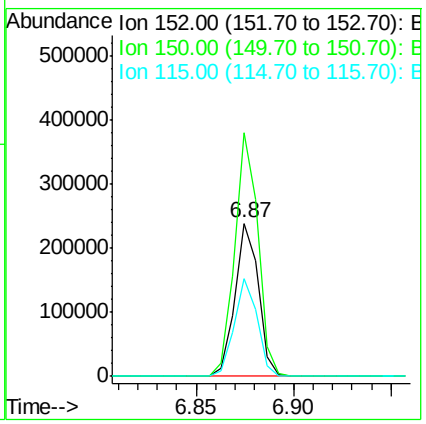


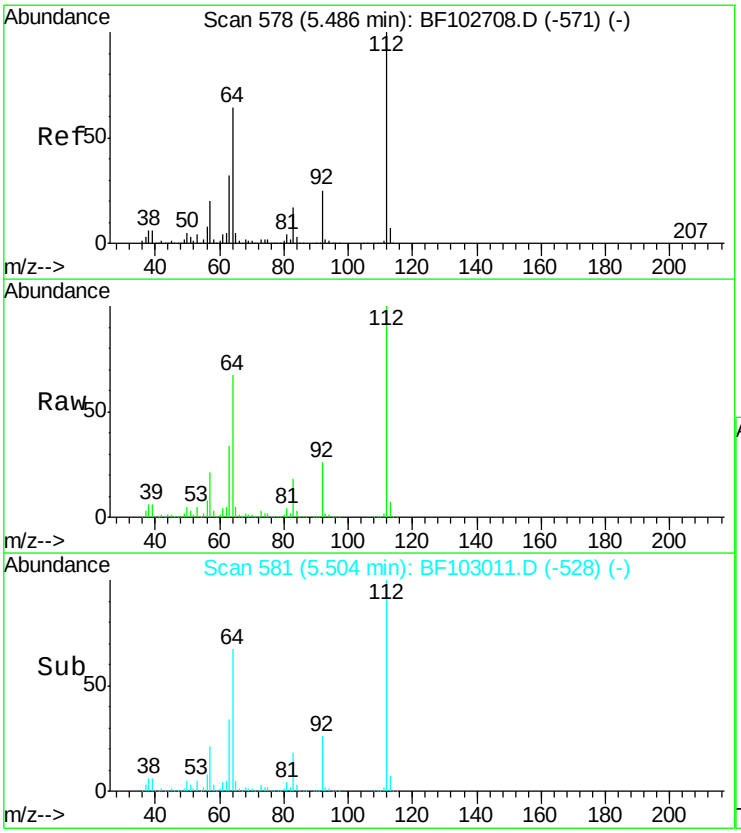
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:152 Resp: 198998

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.3	50.1	75.1

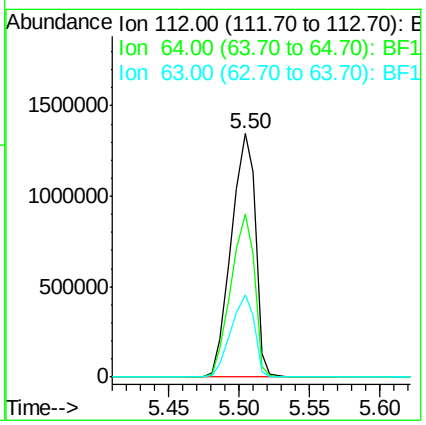


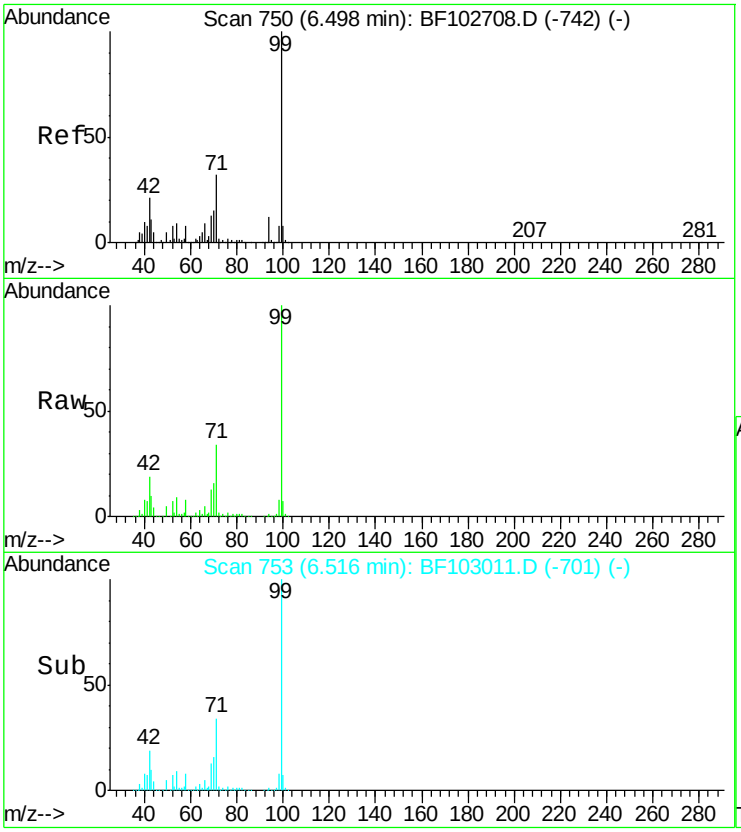


#5
2-Fluorophenol
Concen: 122.839 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:112 Resp: 1609617

Ion	Ratio	Lower	Upper
112	100		
64	66.9	47.9	71.9
63	33.7	23.7	35.5



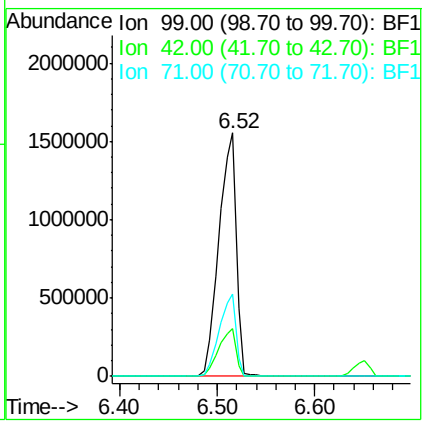


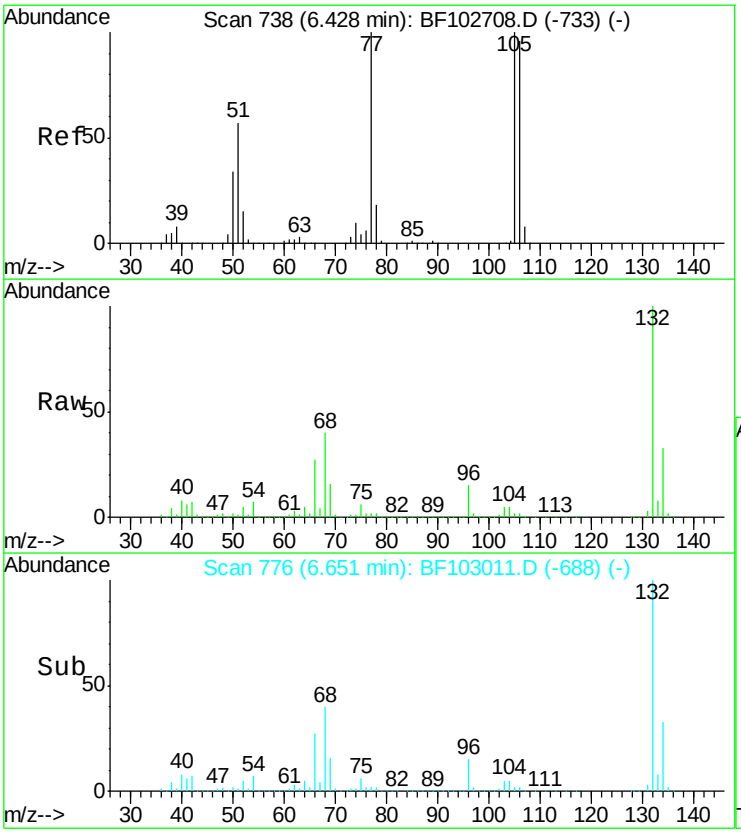
#7
Phenol-d6
Concen: 121.742 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion: 99 Resp: 1920777

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.0	25.4	38.0

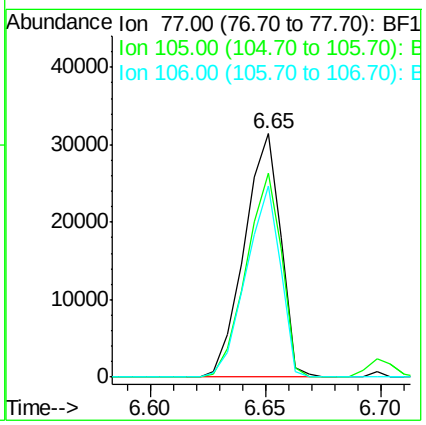


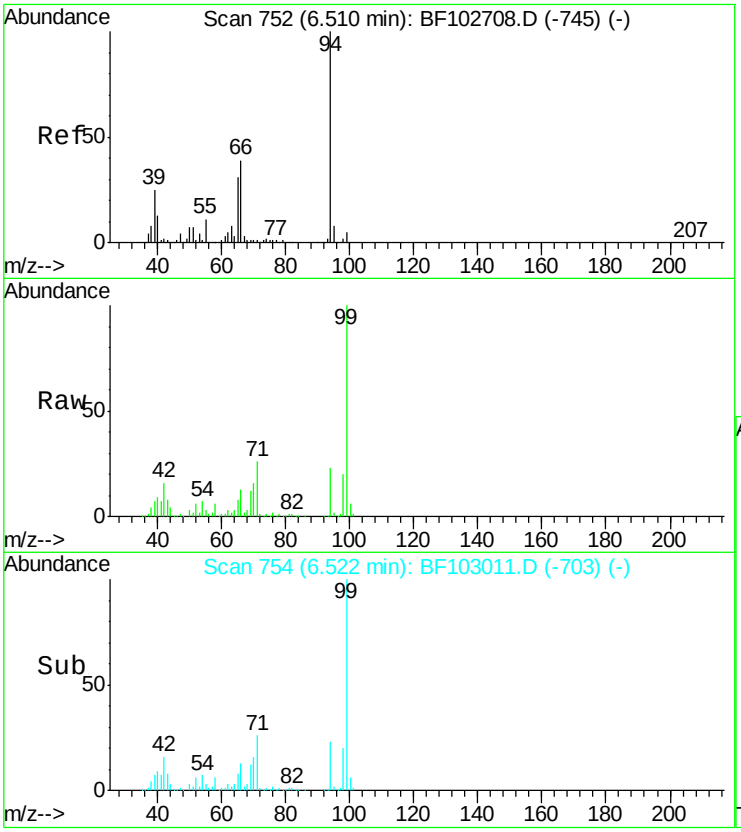


#9
Benzaldehyde
Concen: 2.947 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion: 77 Resp: 34531

Ion	Ratio	Lower	Upper
77	100		
105	84.0	81.1	121.1
106	78.3	74.5	114.5



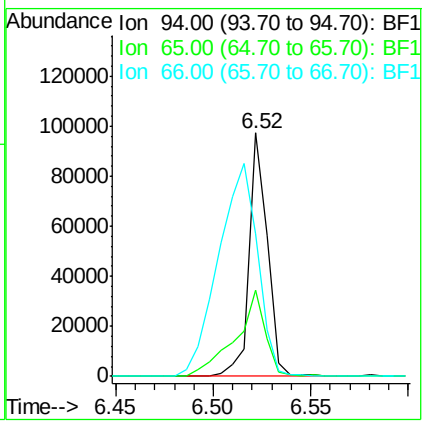


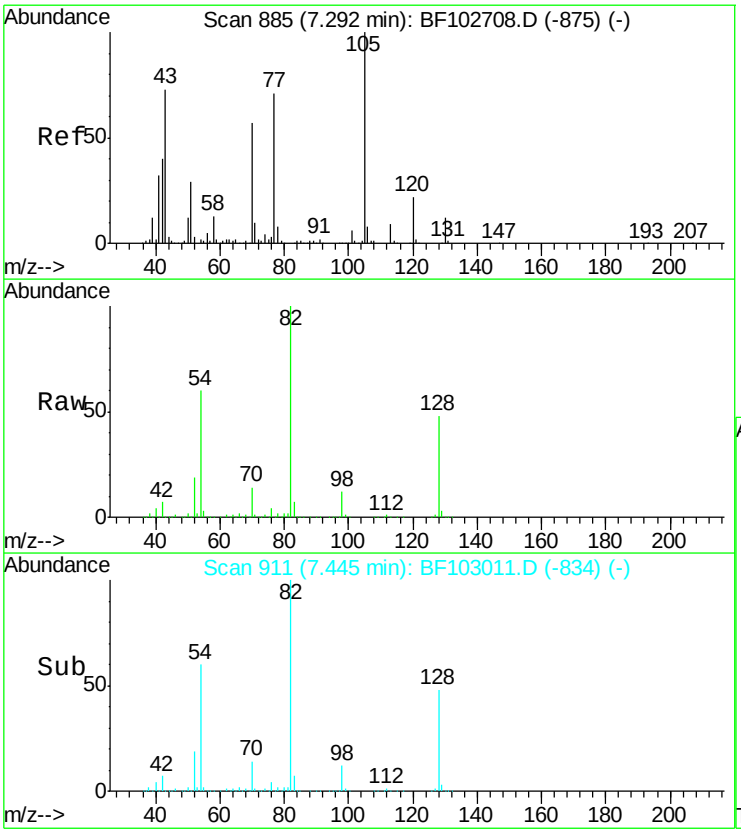
#10
Phenol
Concen: 3.738 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion: 94 Resp: 63207

Ion	Ratio	Lower	Upper
94	100		
65	35.6	7.9	47.9
66	58.3	16.2	56.2#

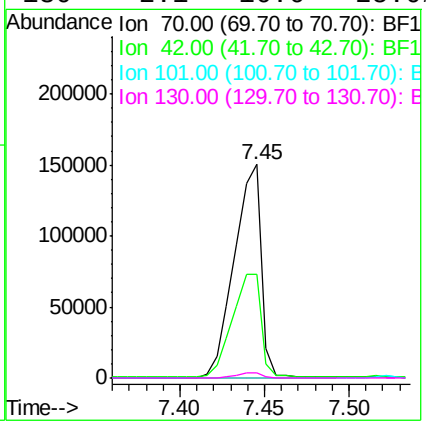


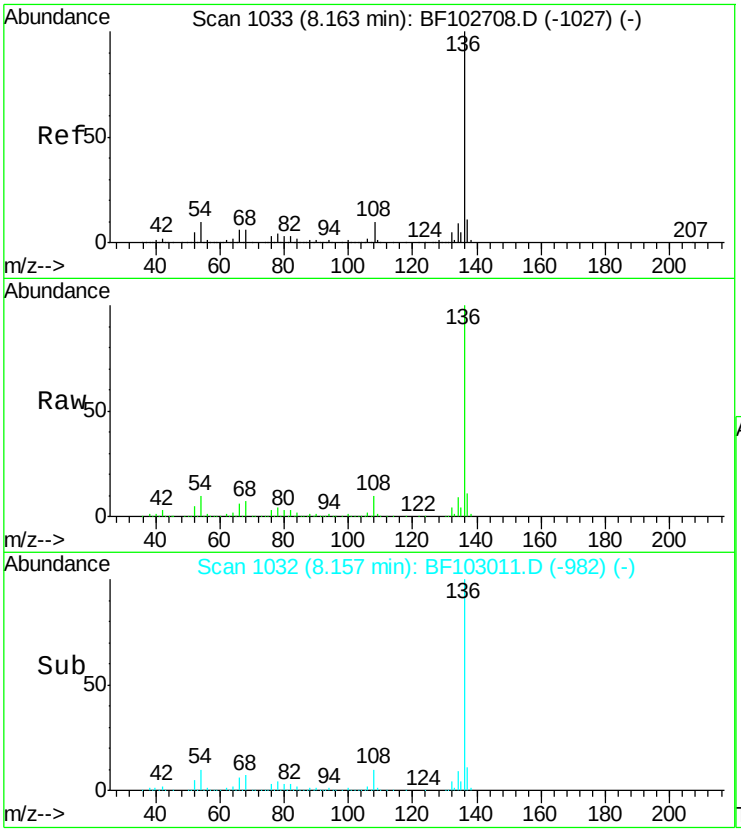


#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion: 70 Resp: 168640

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



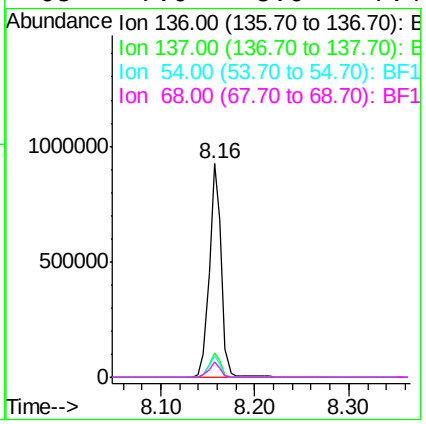


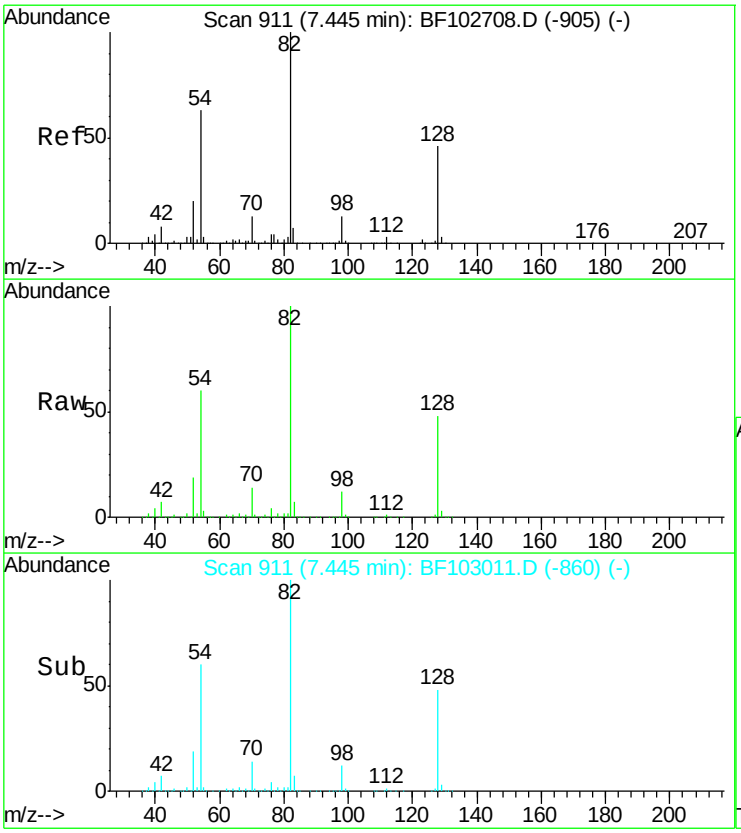
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:136 Resp: 832580

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.6	9.8#
68	7.0	5.0	7.4

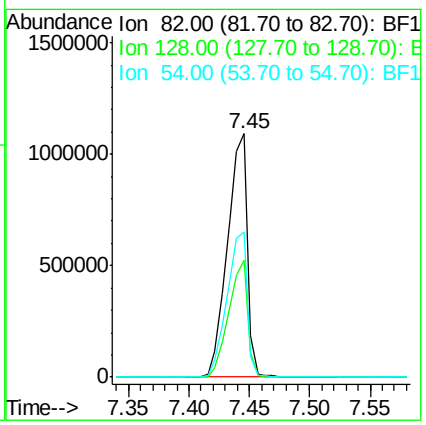


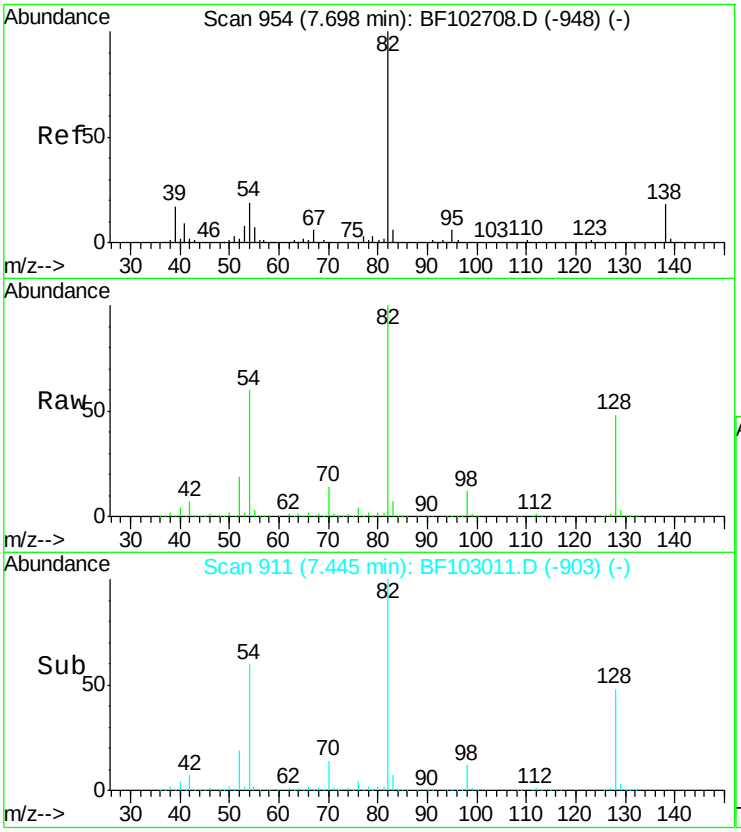


#23
Nitrobenzene-d5
Concen: 104.633 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion: 82 Resp: 1255801

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	59.7	41.4	62.2



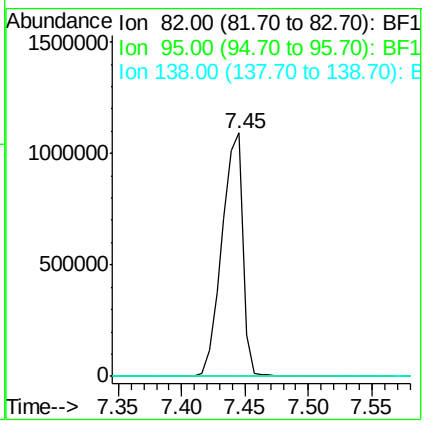


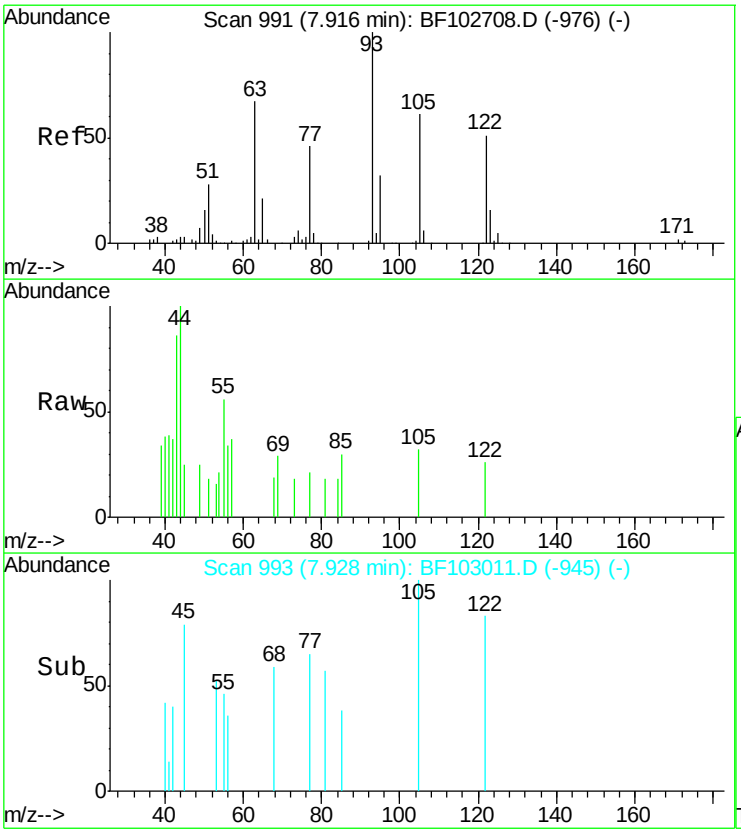
#25
Isophorone
Concen: 45.446 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion: 82 Resp: 1255962

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

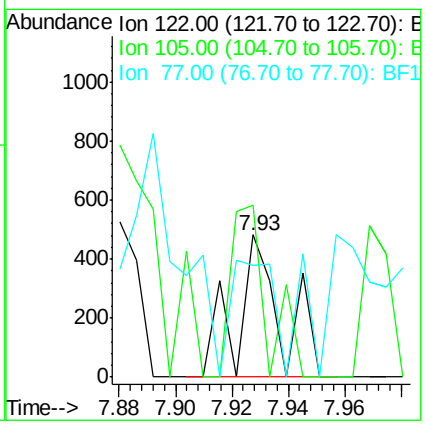


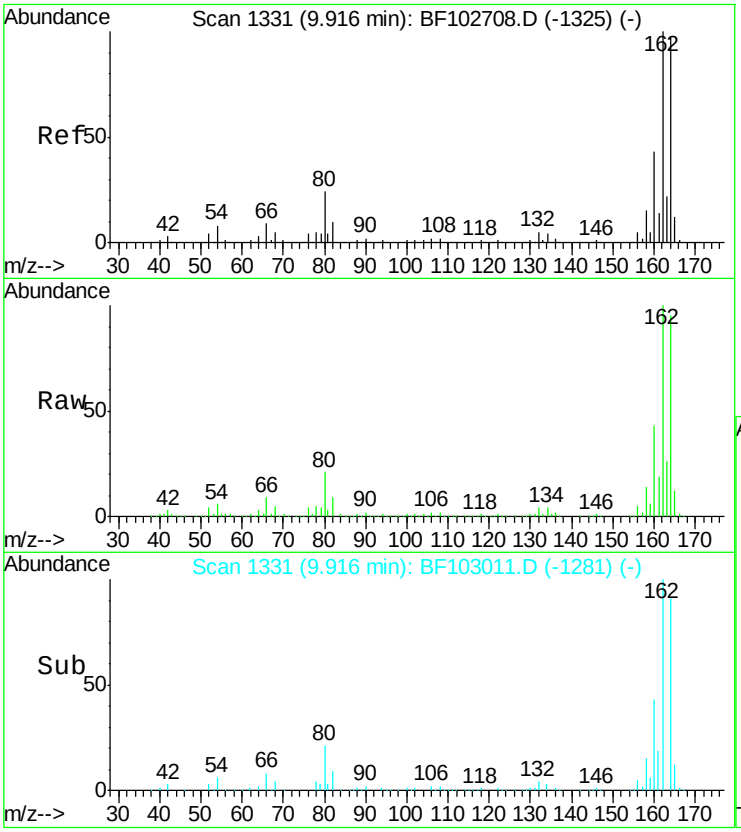


#32
Benzoic acid
Concen: 8.604 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:122 Resp: 524

Ion	Ratio	Lower	Upper
122	100		
105	120.8	101.1	141.1
77	79.0	70.7	110.7



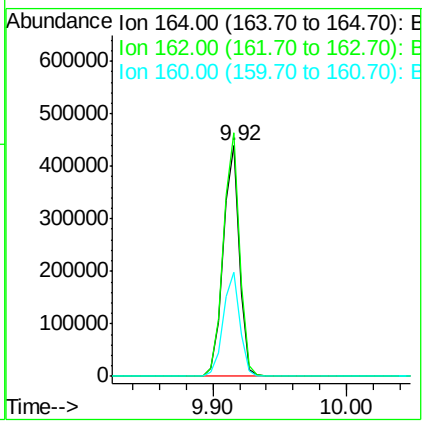


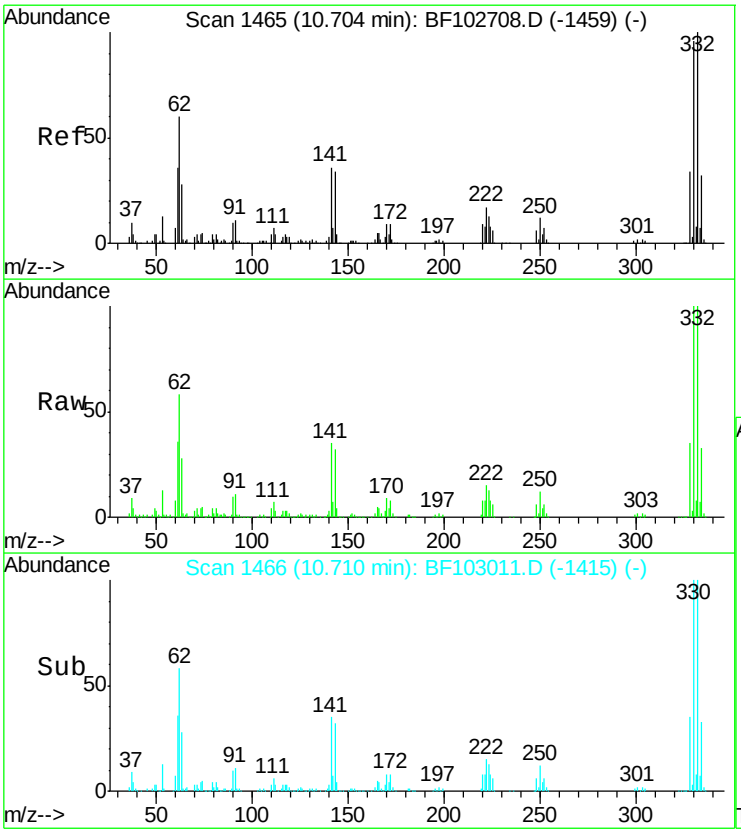
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:164 Resp: 377980

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	45.3	38.3	57.5

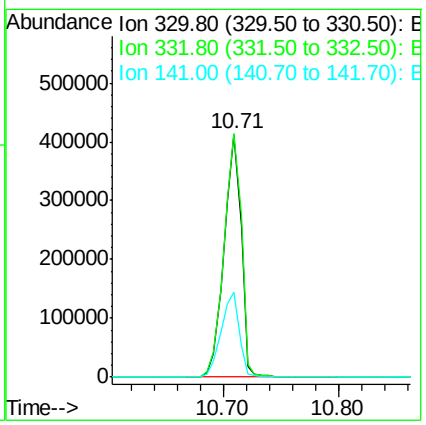


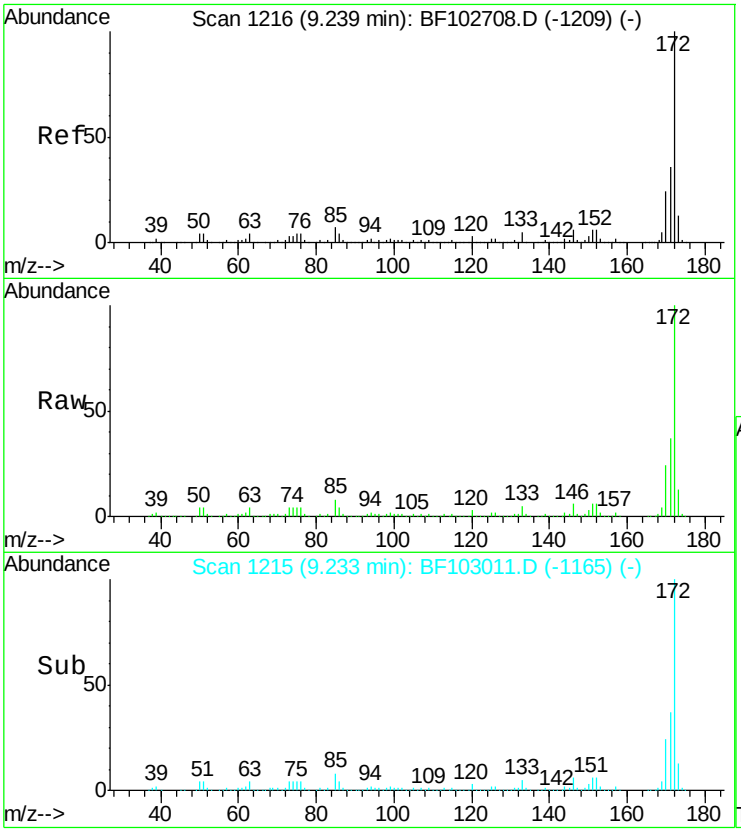


#41
2,4,6-Tribromophenol
Concen: 139.725 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:330 Resp: 425084

Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.0	115.6
141	36.9	29.9	44.9



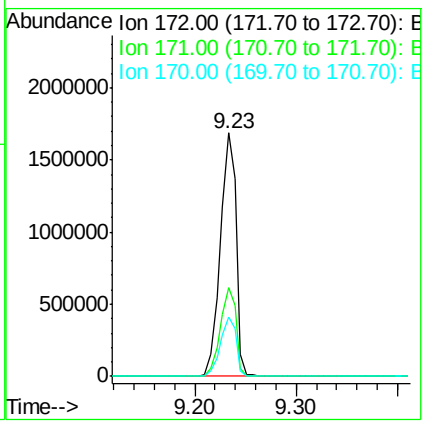


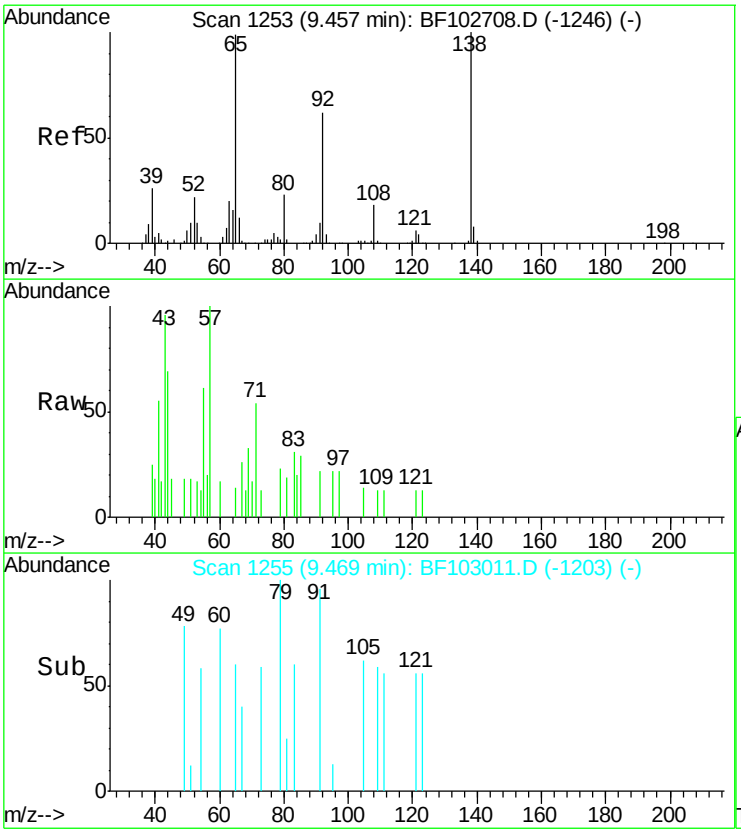
#44
2-Fluorobiphenyl
Concen: 79.606 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:172 Resp: 1813331

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4

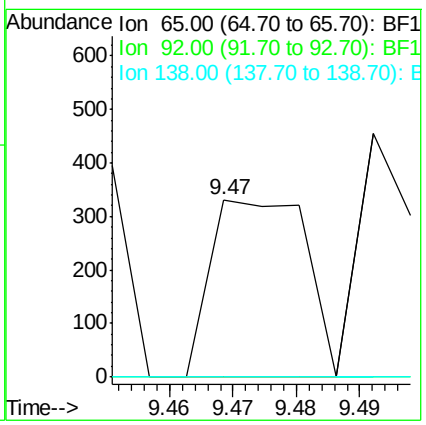


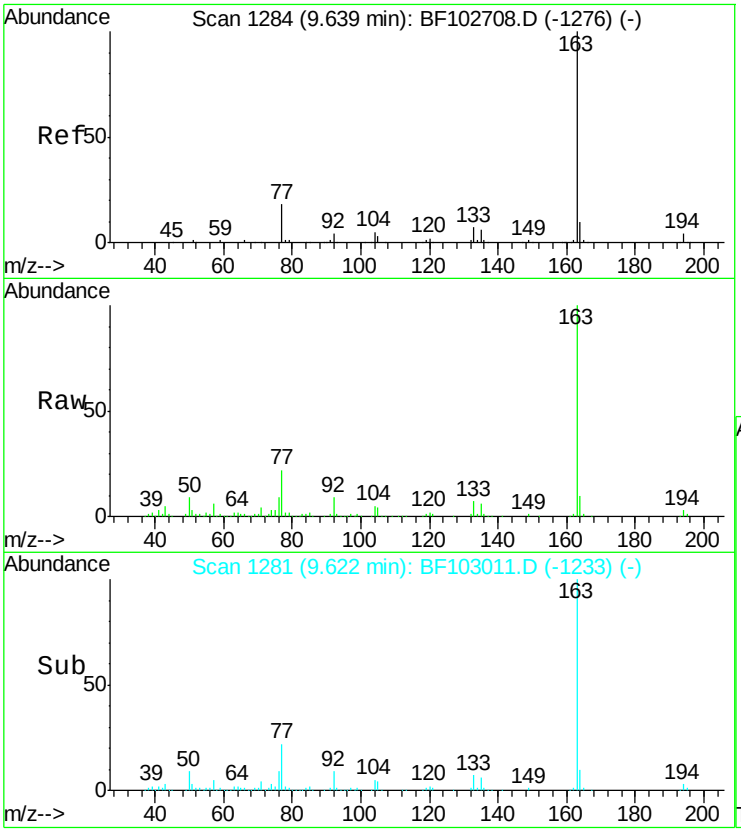


#47
2-Nitroaniline
Concen: 3.513 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion: 65 Resp: 342

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

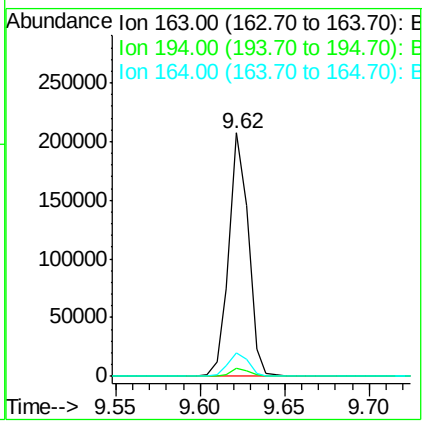




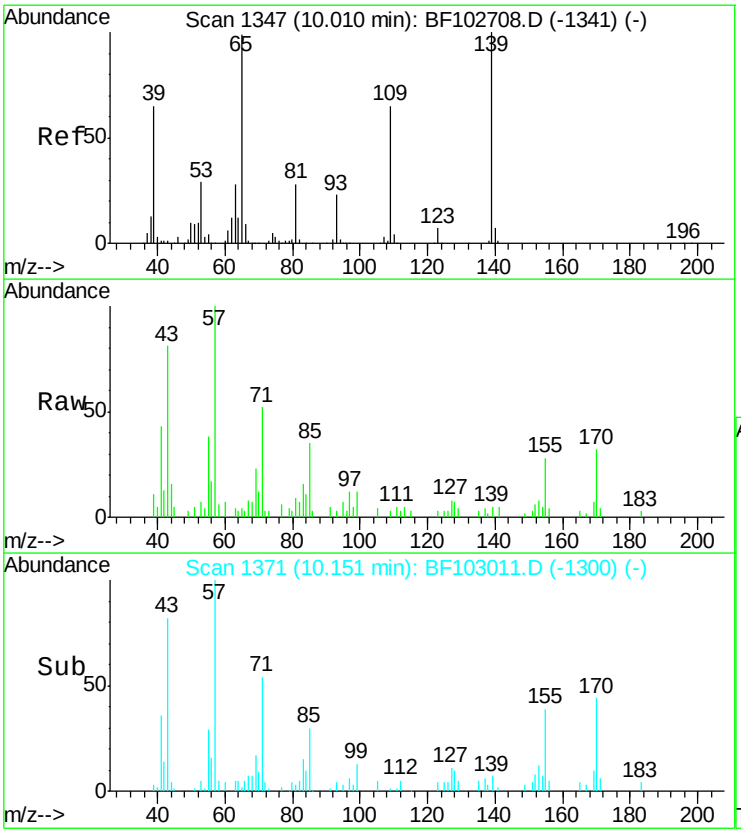
#49
Dimethylphthalate
Concen: 5.632 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:163 Resp: 165972

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2



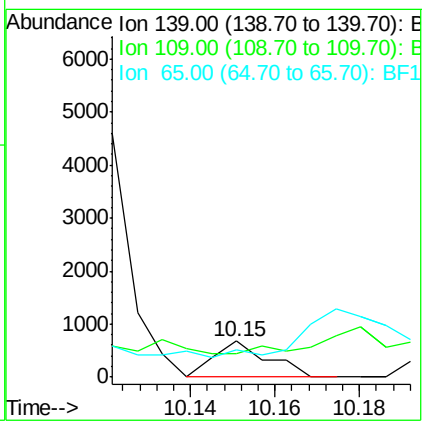
Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

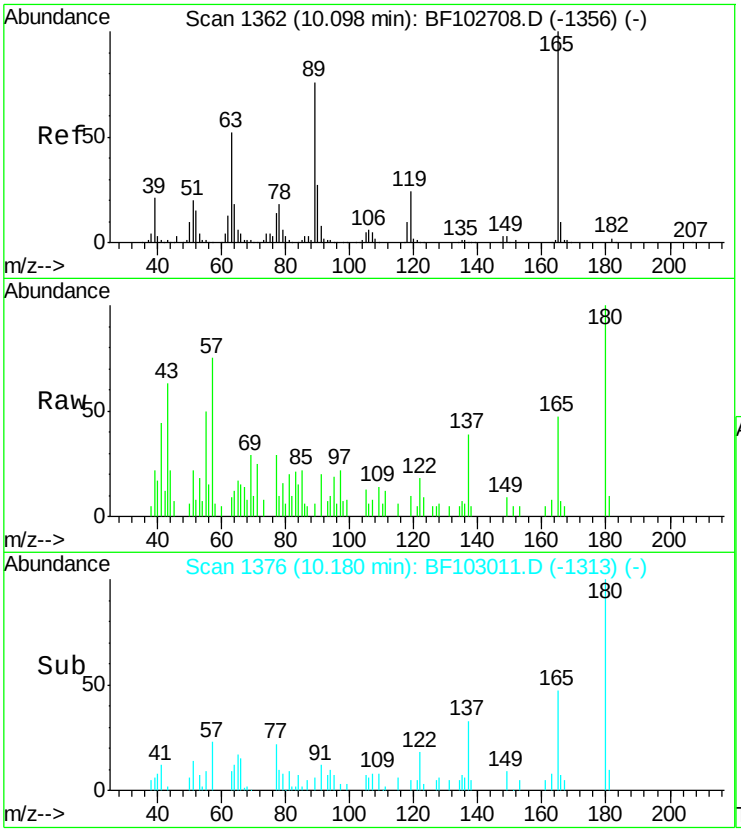


#55
4-Nitrophenol
Concen: 4.124 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.12 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:139 Resp: 597

Ion	Ratio	Lower	Upper
139	100		
109	65.3	48.4	88.4
65	75.3	72.6	112.6



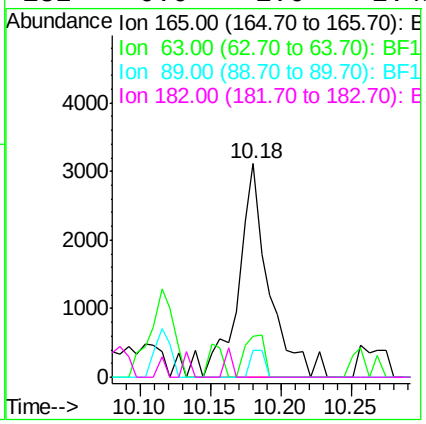


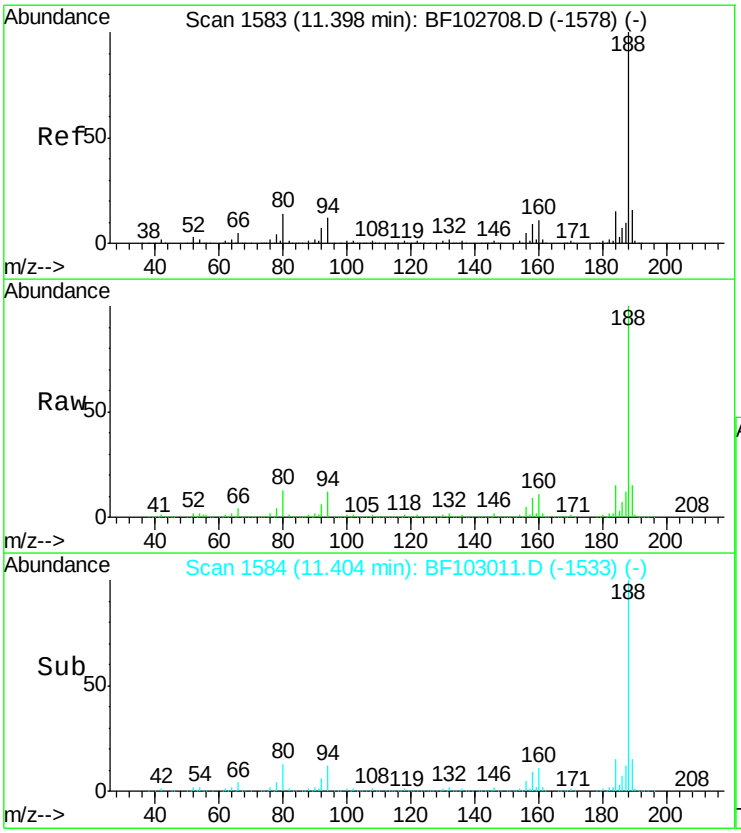
#56
2,4-Dinitrotoluene
Concen: 3.671 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.07 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:165 Resp: 4783

Ion	Ratio	Lower	Upper
165	100		
63	19.4	36.4	54.6#
89	12.5	57.8	86.6#
182	0.0	1.6	2.4#

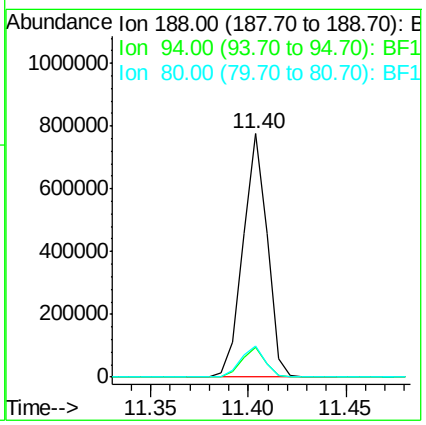


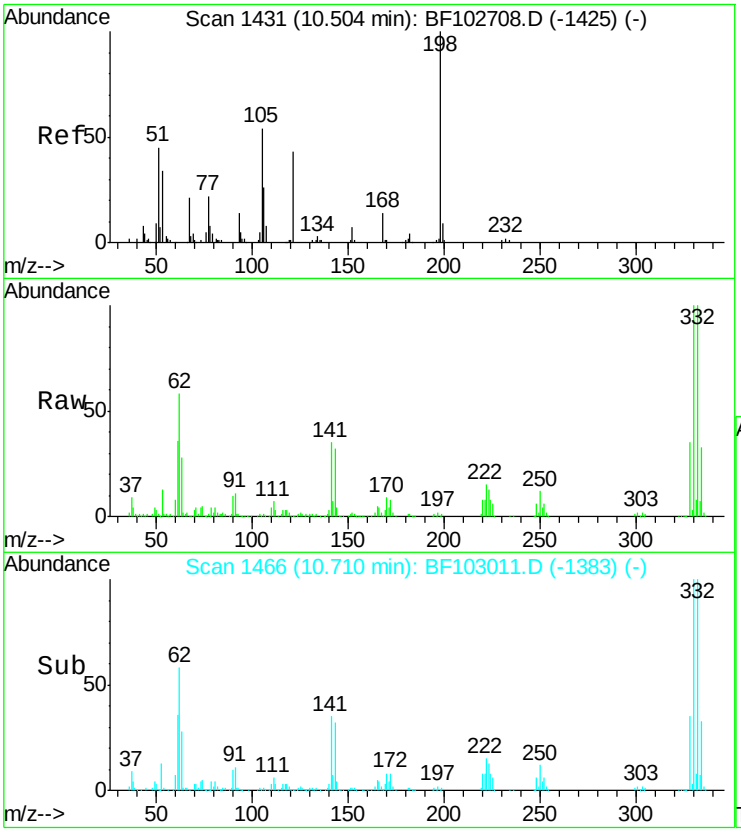


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:188 Resp: 667224

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



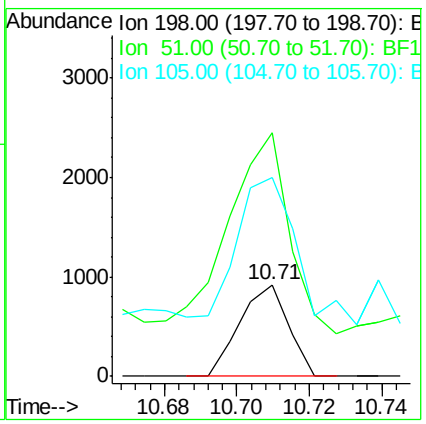


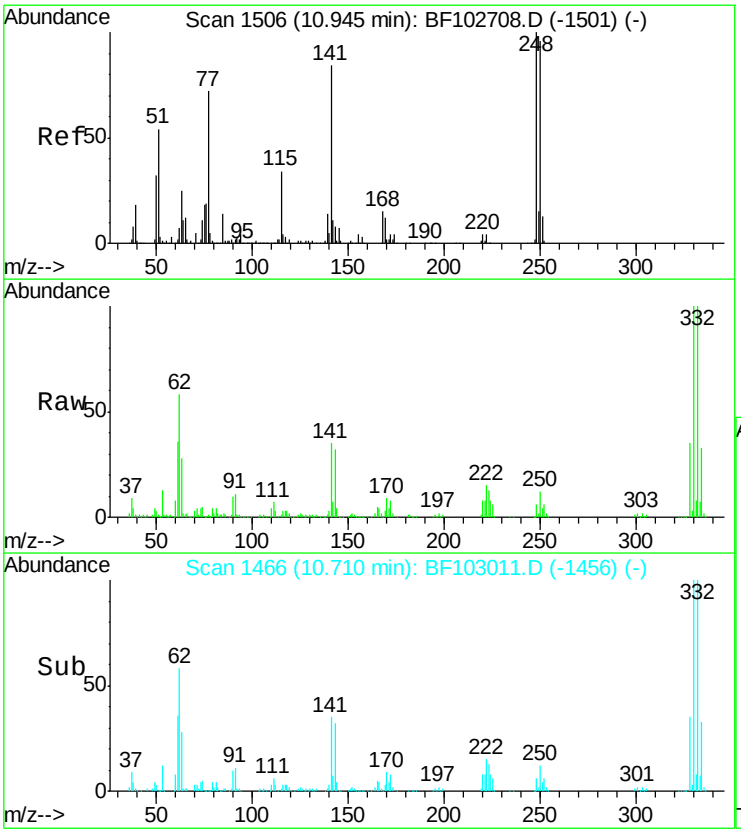
#64
4,6-Dinitro-2-methylphenol
Concen: 9.080 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:198 Resp: 864

Ion	Ratio	Lower	Upper
198	100		
51	265.6	37.7	77.7#
105	217.5	36.3	76.3#

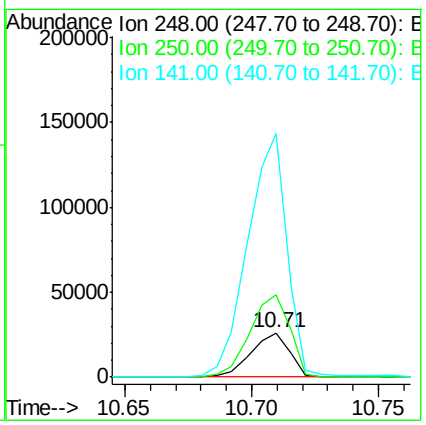


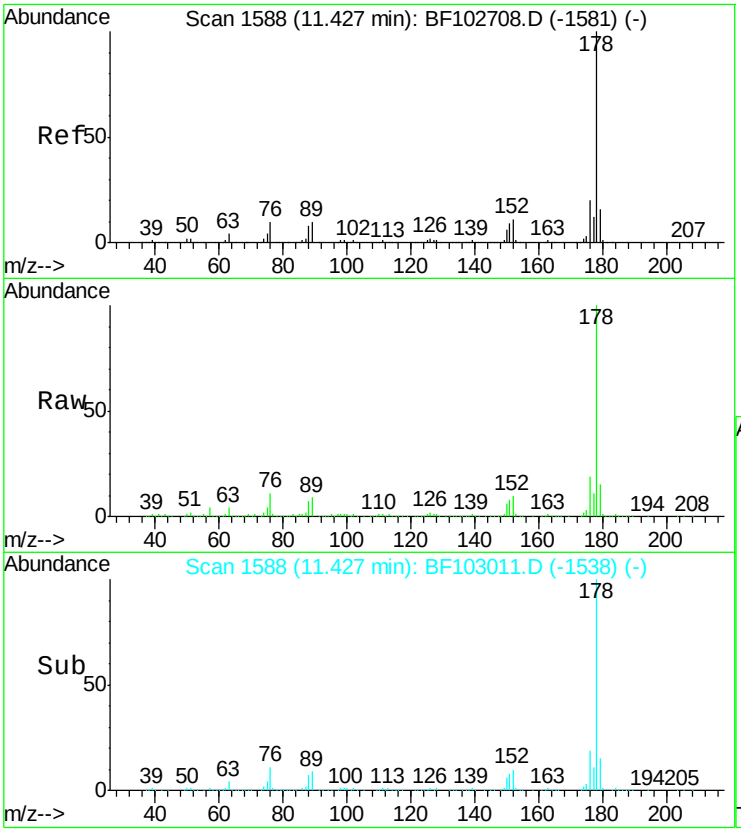


#66
4-Bromophenyl-phenylether
Concen: 3.847 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:248 Resp: 27151

Ion	Ratio	Lower	Upper
248	100		
250	188.1	76.9	115.3#
141	553.2	74.4	111.6#



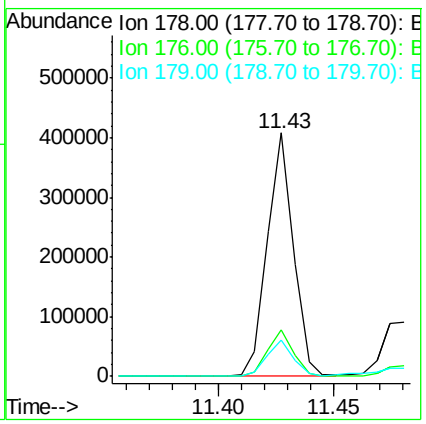


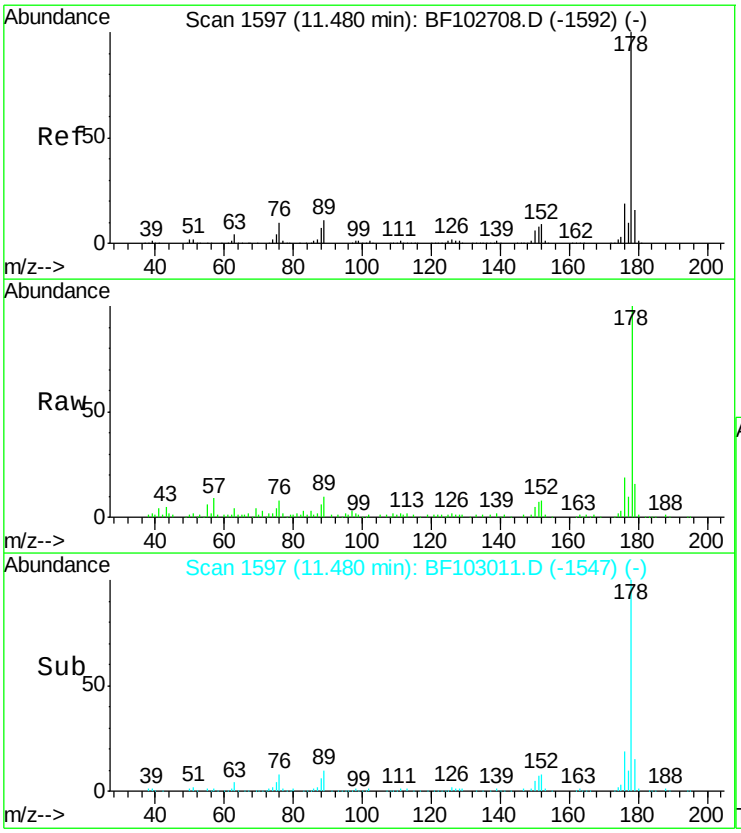
#70
Phenanthrene
Concen: 8.700 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:178 Resp: 323298

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6

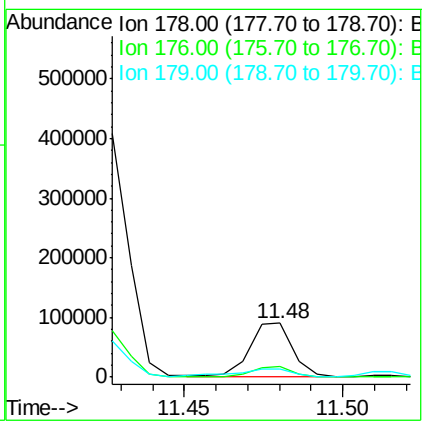


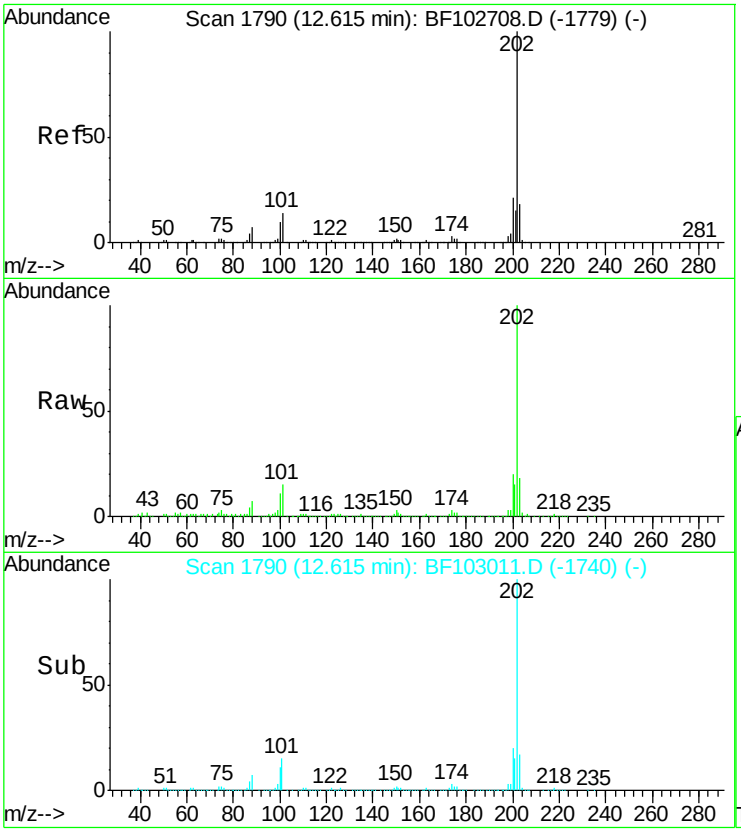


#71
Anthracene
Concen: 2.216 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:178 Resp: 83748

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



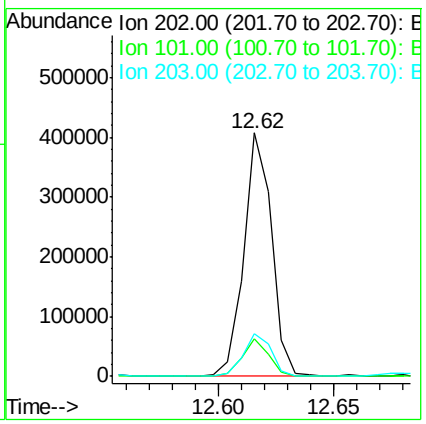


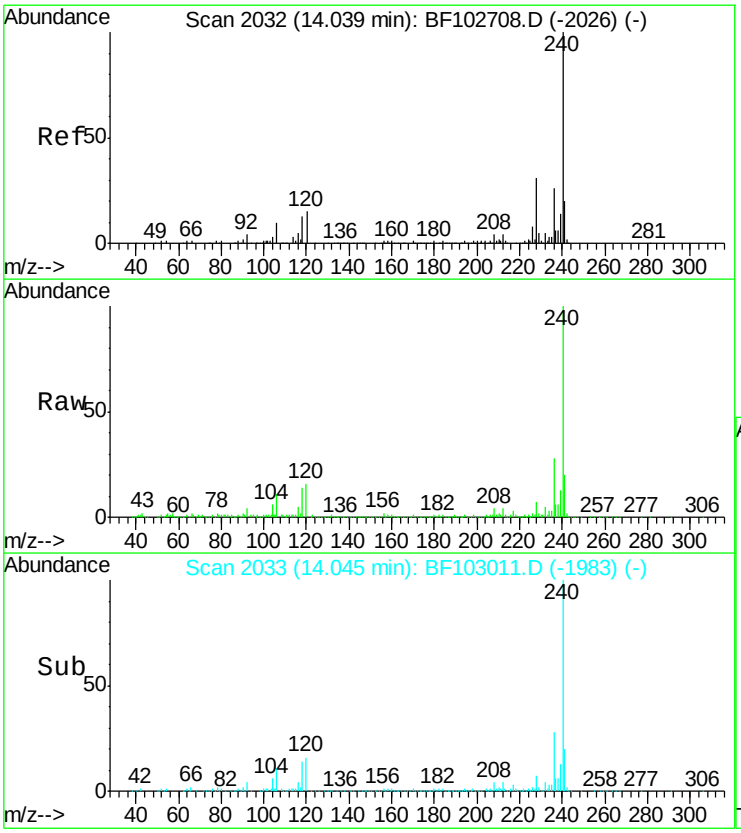
#74
Fluoranthene
Concen: 9.126 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:202 Resp: 341197

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.5	0.0	38.1

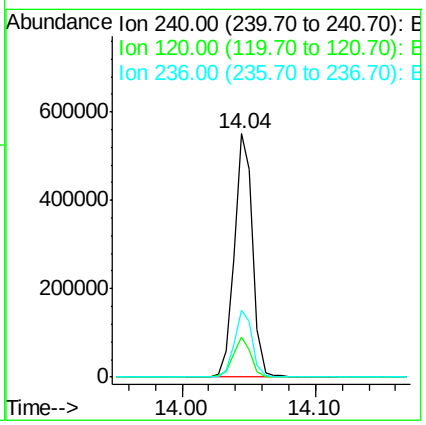


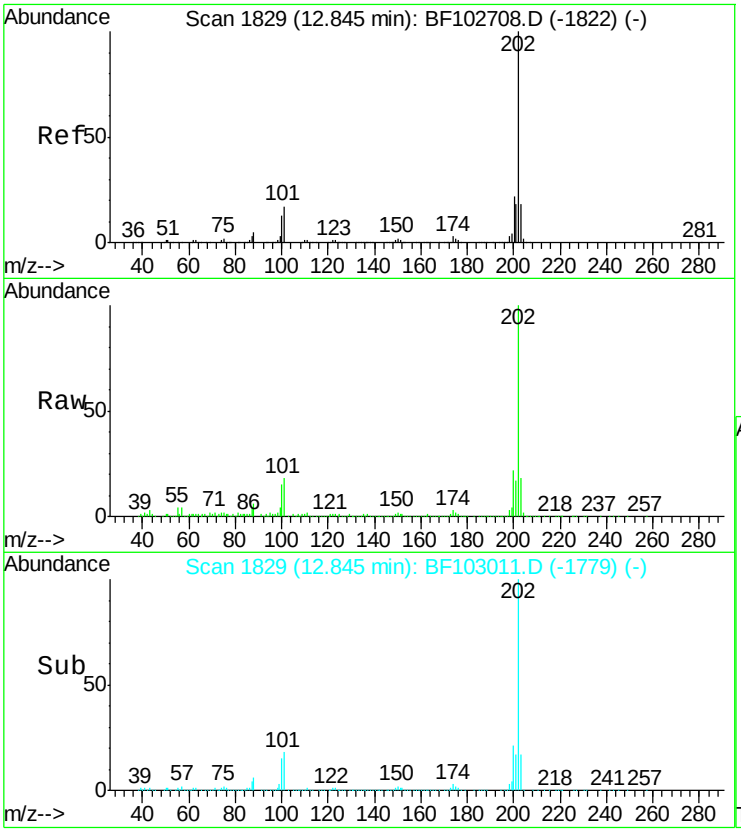


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:240 Resp: 525139

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	27.7	20.7	31.1



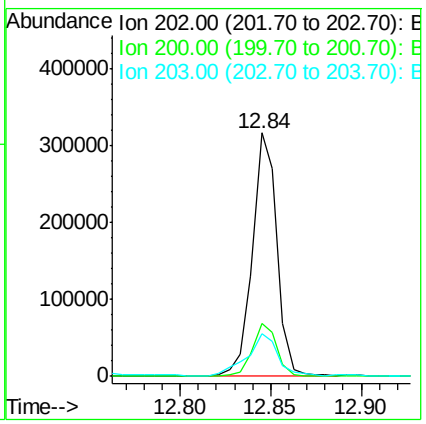


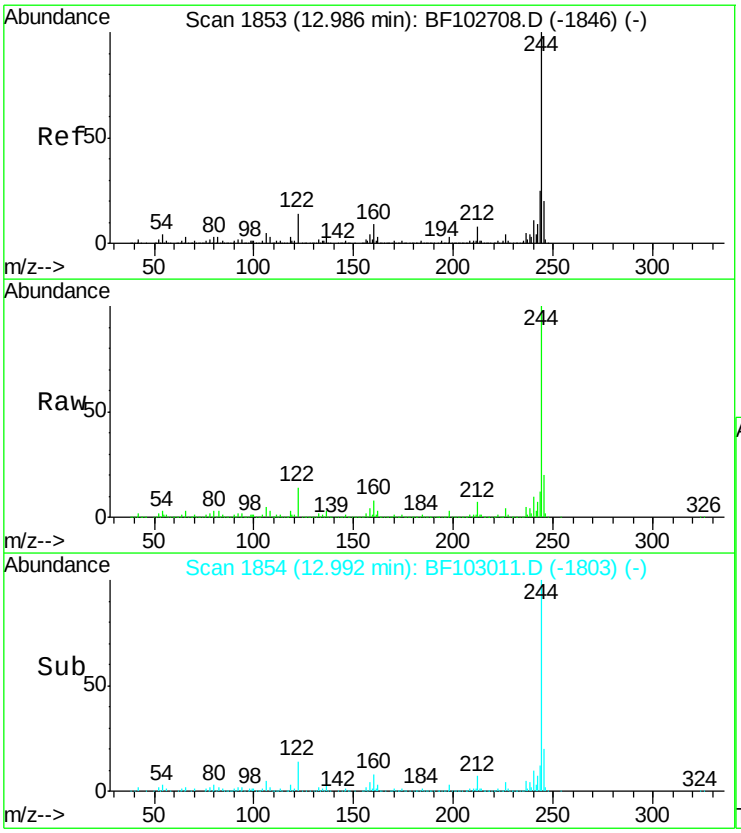
#77
Pyrene
Concen: 7.198 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:202 Resp: 296425

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

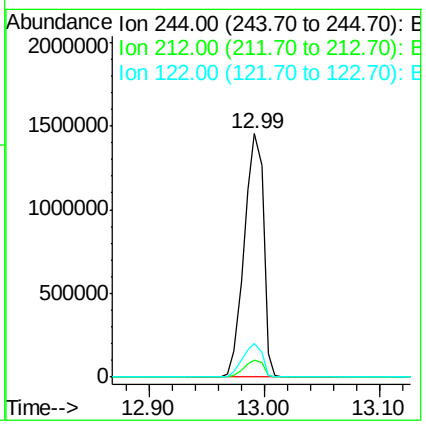


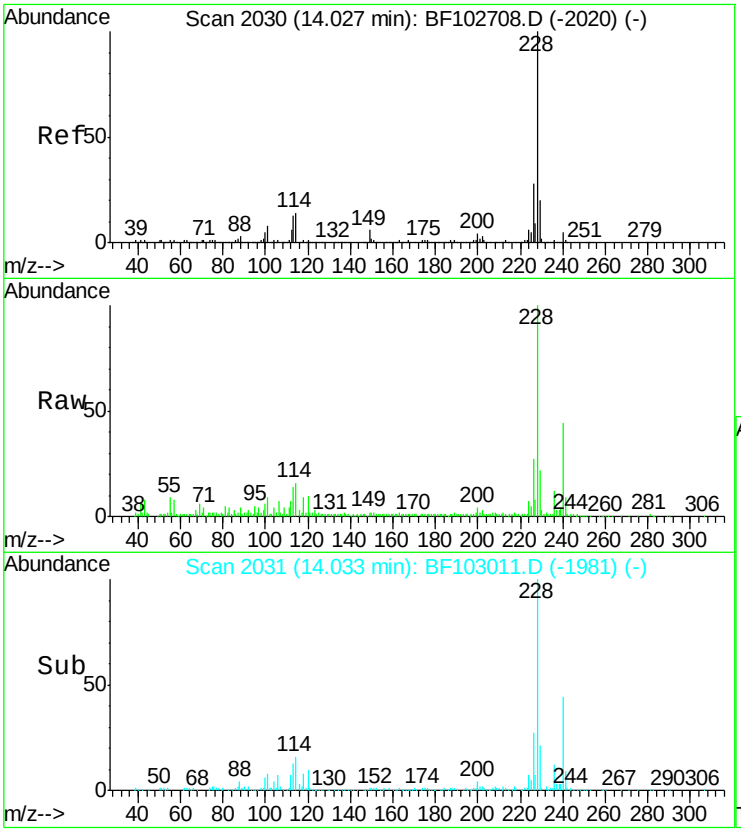


#78
Terphenyl-d14
Concen: 75.460 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:244 Resp: 1673592

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4



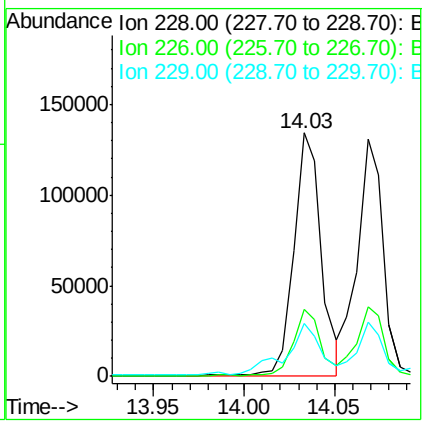


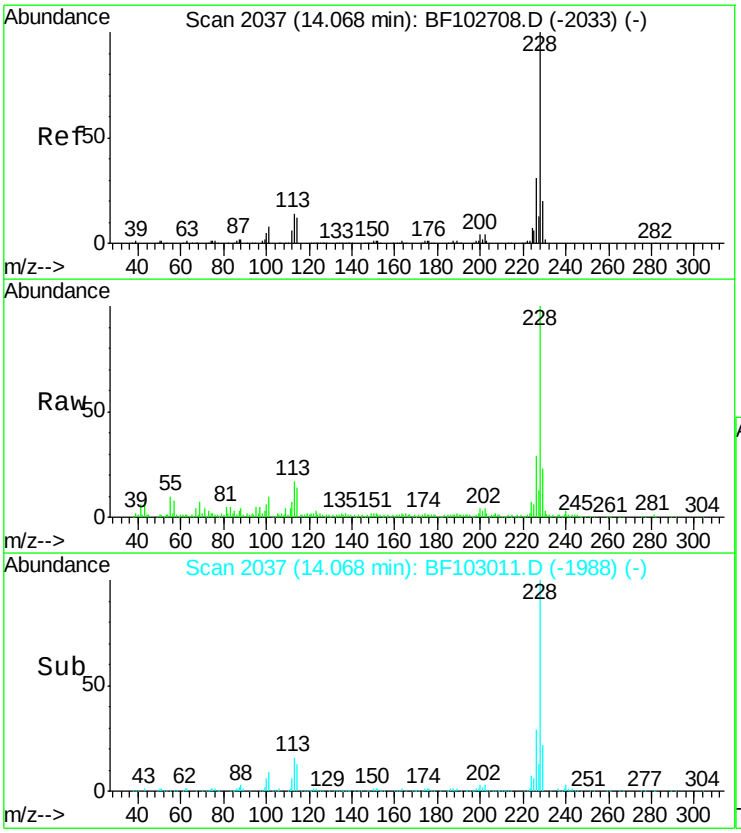
#80
Benzo(a)anthracene
Concen: 4.302 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:228 Resp: 142066

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.7	15.8	23.6

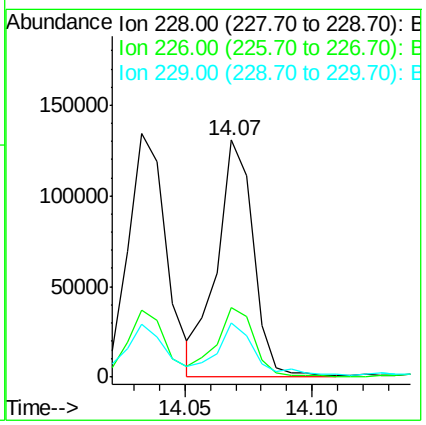


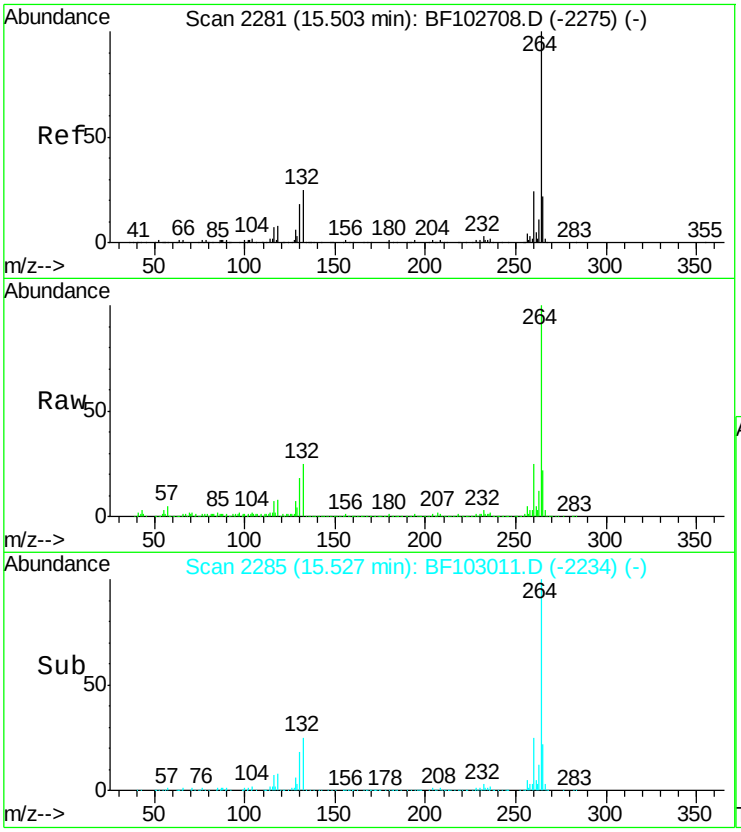


#82
Chrysene
Concen: 3.890 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:228 Resp: 129500

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	22.8	16.2	24.4



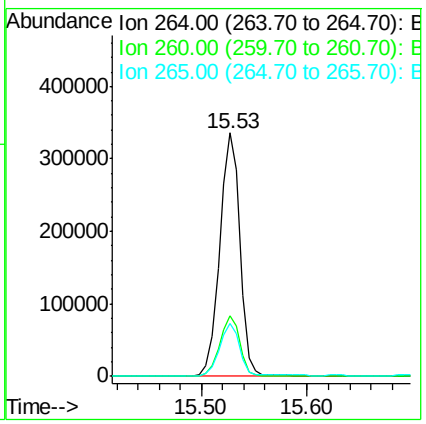


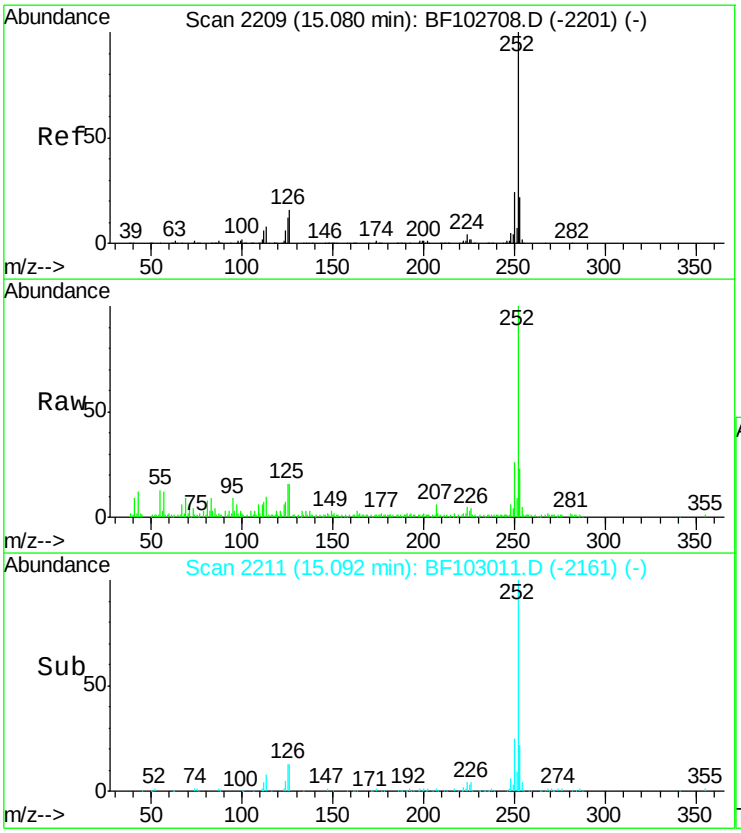
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:264 Resp: 449728

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.5	26.3

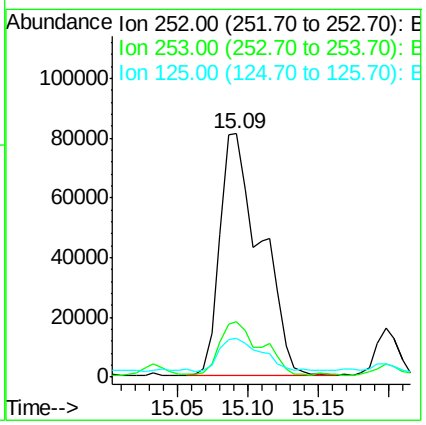


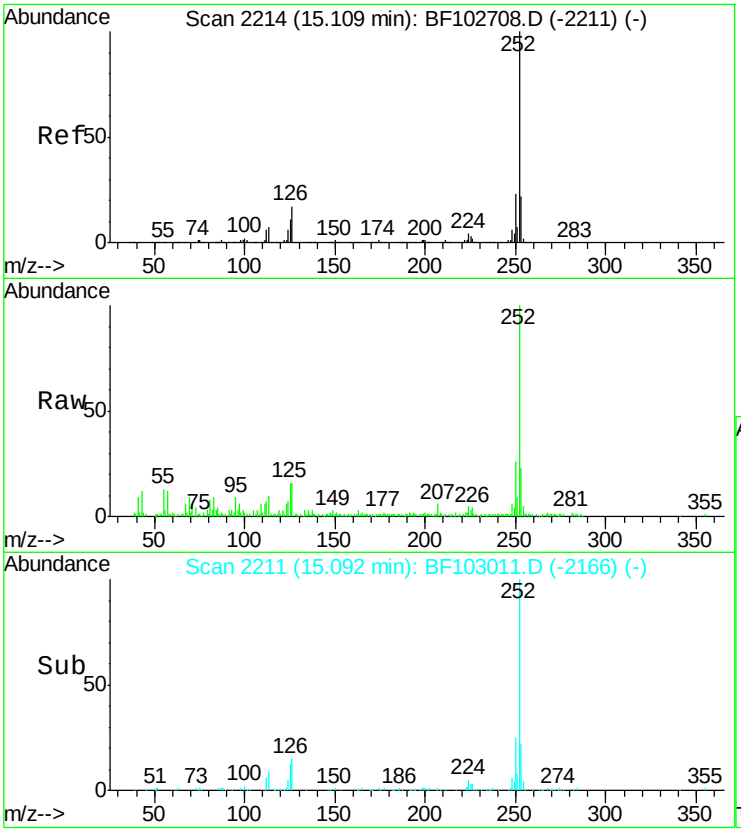


#87
Benzo(b)fluoranthene
Concen: 5.626 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:252 Resp: 164054

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	15.9	9.0	13.6#



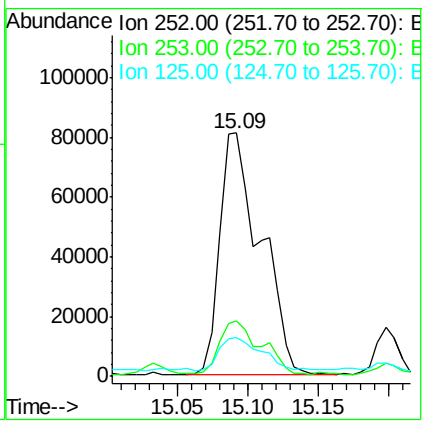


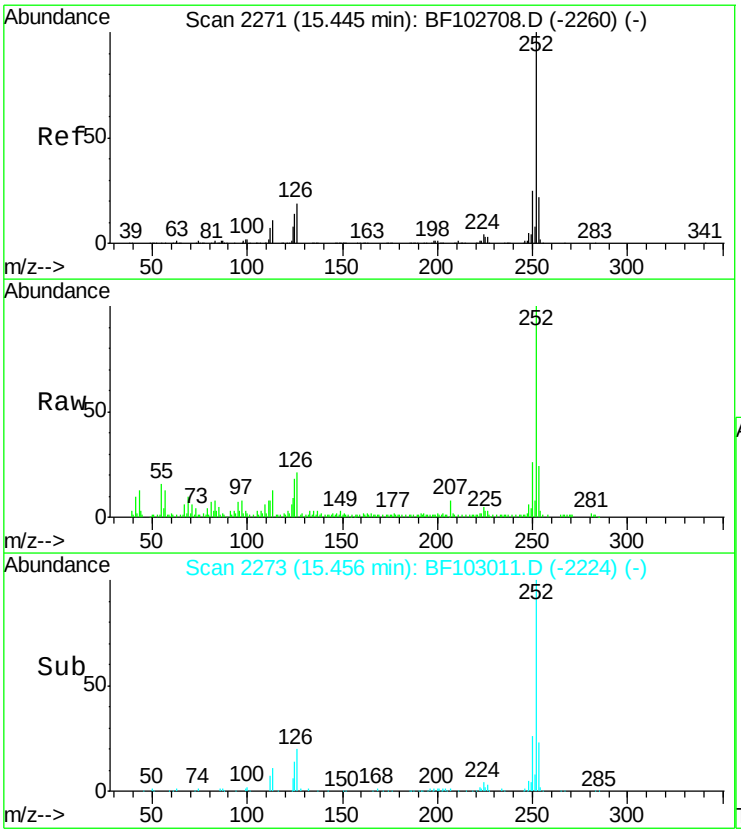
#88
Benzo(k)fluoranthene
Concen: 5.889 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:252 Resp: 164054

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.9	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 3.164 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:252 Resp: 83053

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	17.5	9.8	14.6#