Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101215.D
Acq On : 7 Dec 2017 19:46
Operator : SJ/JU
Sample : I6717-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 23:46:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	44761	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	160505	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	64208	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	113702	20.00	ng		0.00
75) Chrysene-d12	14.02	240	92811	20.00	ng		0.00
86) Perylene-d12	15.50	264	76003	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	306317	113.08	ng		0.00
7) Phenol-d6	6.48	99	353215	107.40	ng		0.00
23) Nitrobenzene-d5	7.41	82	199697	74.22	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	71995	93.34	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	406302	86.58	ng		-0.01
78) Terphenyl-d14	12.96	244	335649	79.10	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	6567	3.263	ng		89
10) Phenol	6.49	94	8756	2.394	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	26761	12.083	ng	#	80
25) Isophorone	7.41	82	199694	43.450	ng	#	64
49) Dimethylphthalate	9.59	163	47102	9.096	ng		99
50) 2,6-Dinitrotoluene	9.88	165	8204	7.522	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	8204	5.613	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	4884	3.838	ng	#	1
70) Phenanthrene	11.40	178	43816	6.998	ng		97
74) Fluoranthene	12.59	202	60761	8.754	ng		94
77) Pyrene	12.82	202	56828	8.873	ng		95
80) Benzo(a)anthracene	14.01	228	26968	4.602	ng		99
82) Chrysene	14.04	228	23152	4.254	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	10574	2.185	ng		92
87) Benzo(b)fluoranthene	15.07	252	32242	7.082	ng		93
88) Benzo(k)fluoranthene	15.07	252	32242	7.189	ng		96
89) Benzo(a)pyrene	15.44	252	17491	4.226	ng		95
91) Benzo(g,h,i)perylene	17.44	276	9888	2.876	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101215.D
Acq On : 7 Dec 2017 19:46
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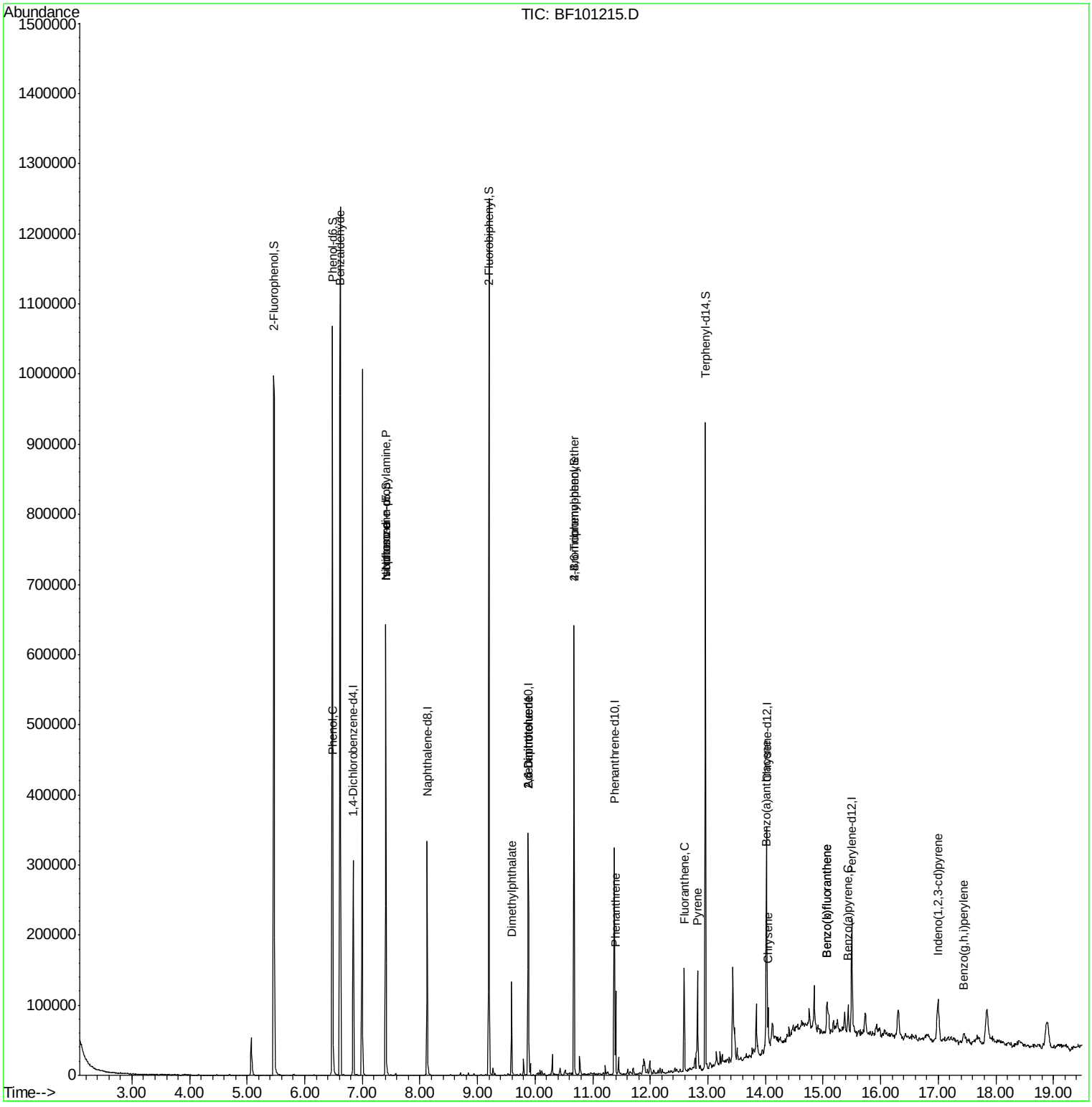
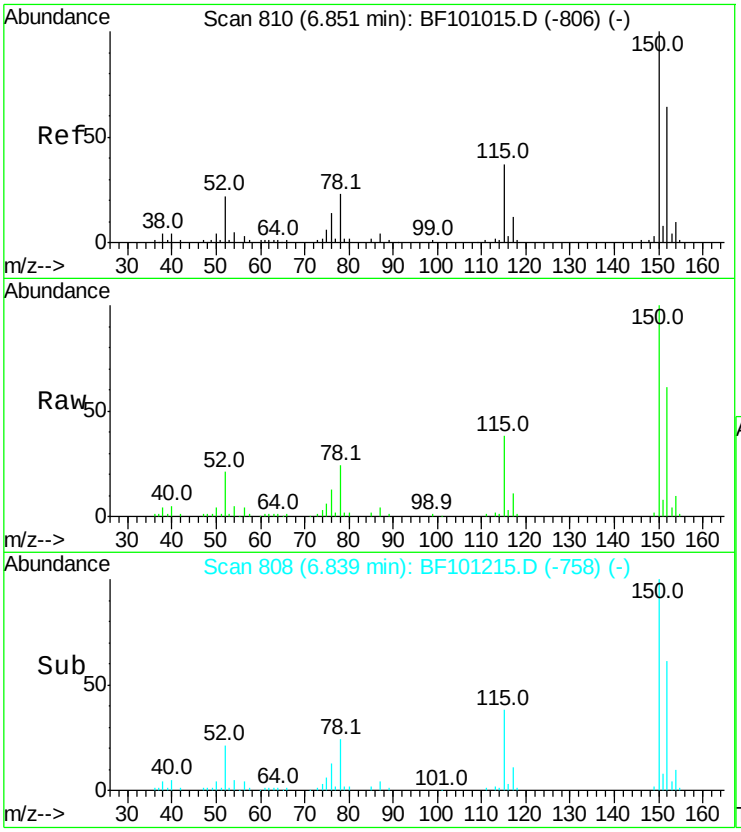
Response via : Initial Calibration



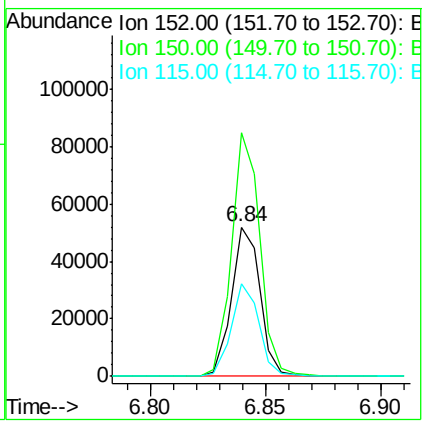


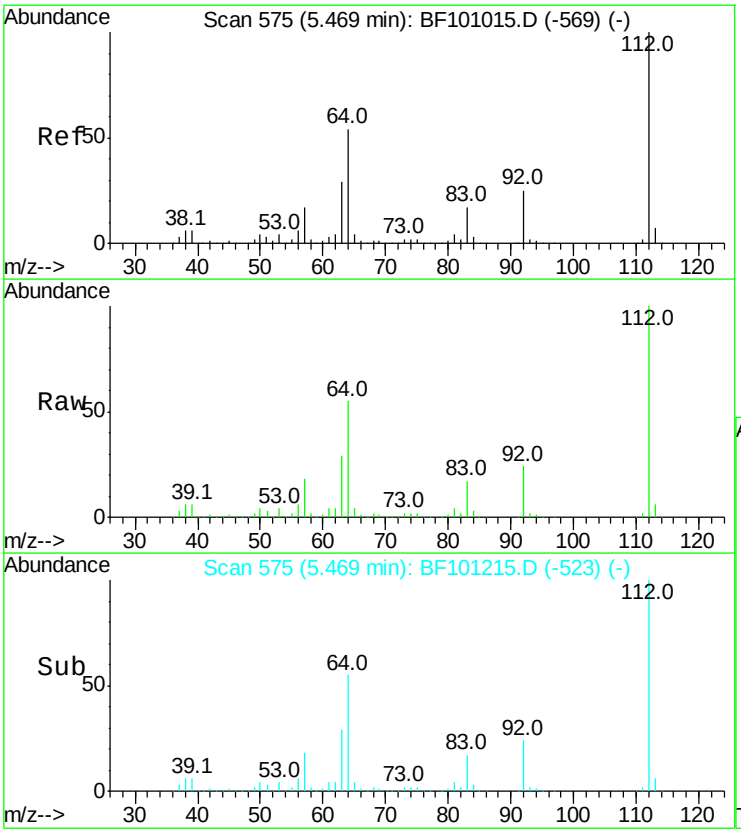
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44761

Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.6	186.8
115	62.2	50.1	75.1

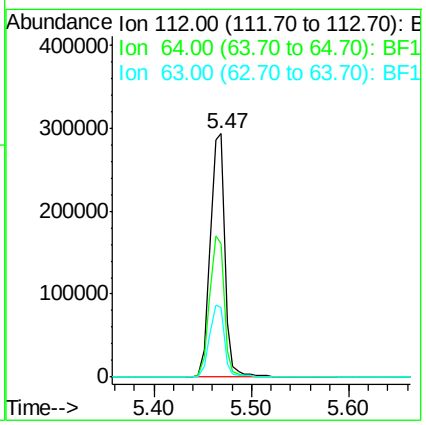


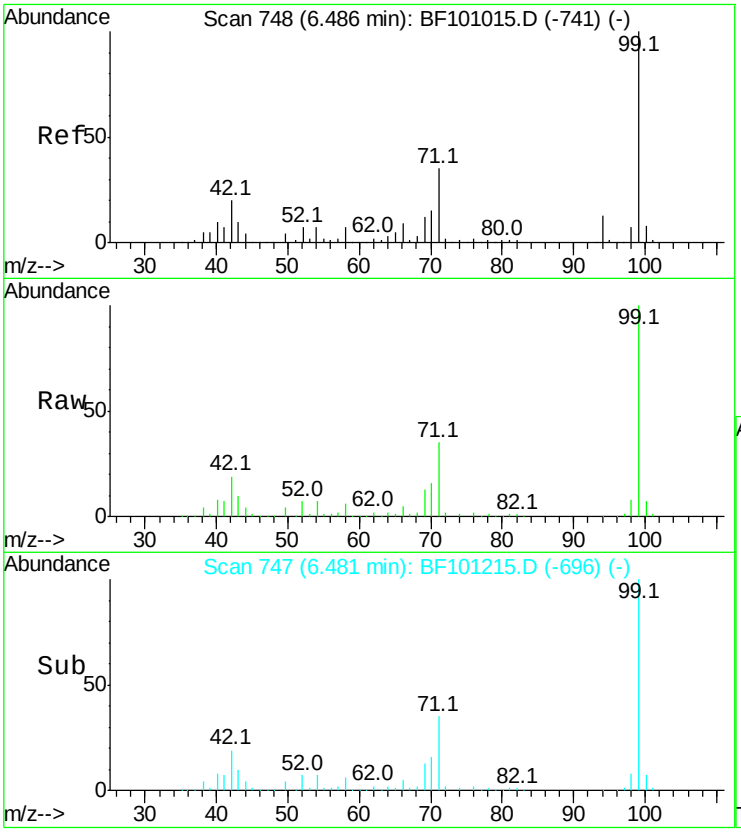


#5
2-Fluorophenol
Concen: 113.083 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:112 Resp: 306317

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	28.5	23.7	35.5



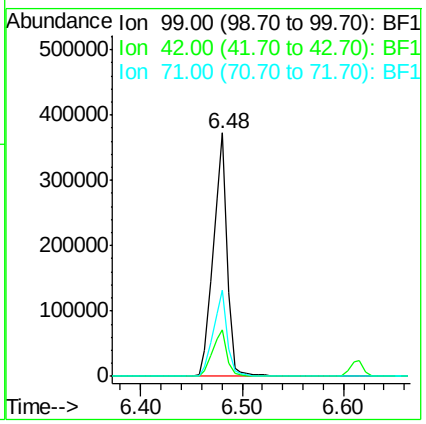


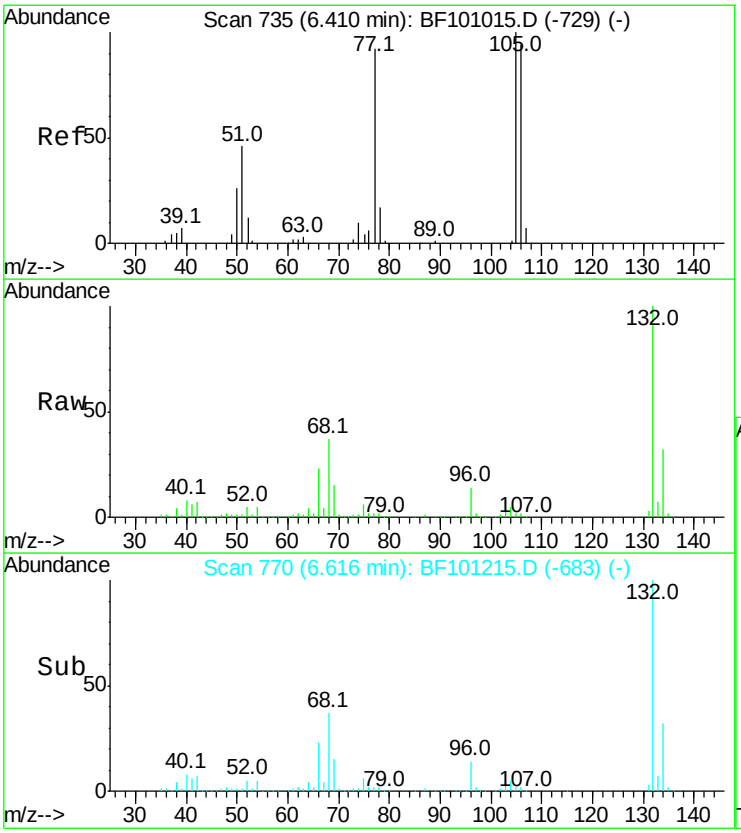
#7
Phenol-d6
Concen: 107.402 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 353215

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.4	25.4	38.0

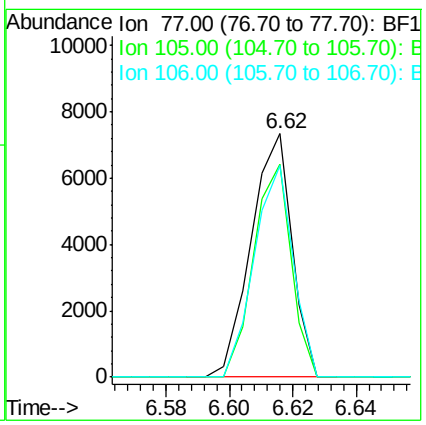


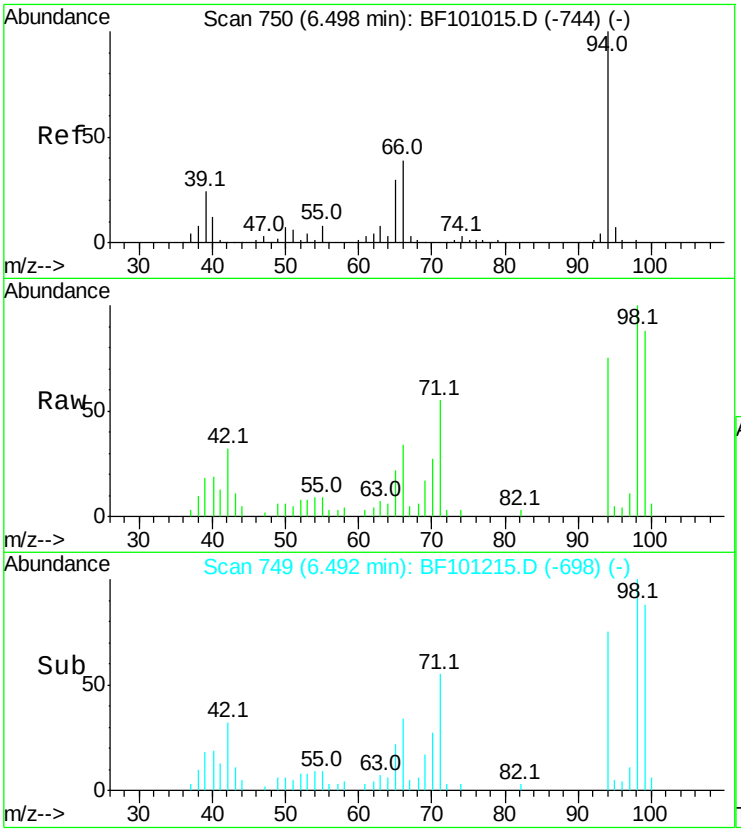


#9
Benzaldehyde
Concen: 3.263 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion: 77 Resp: 6567

Ion	Ratio	Lower	Upper
77	100		
105	87.4	81.1	121.1
106	86.7	74.5	114.5



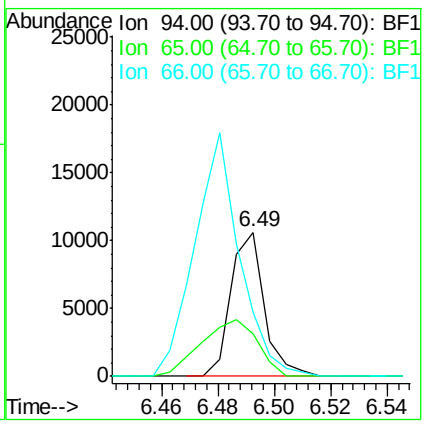


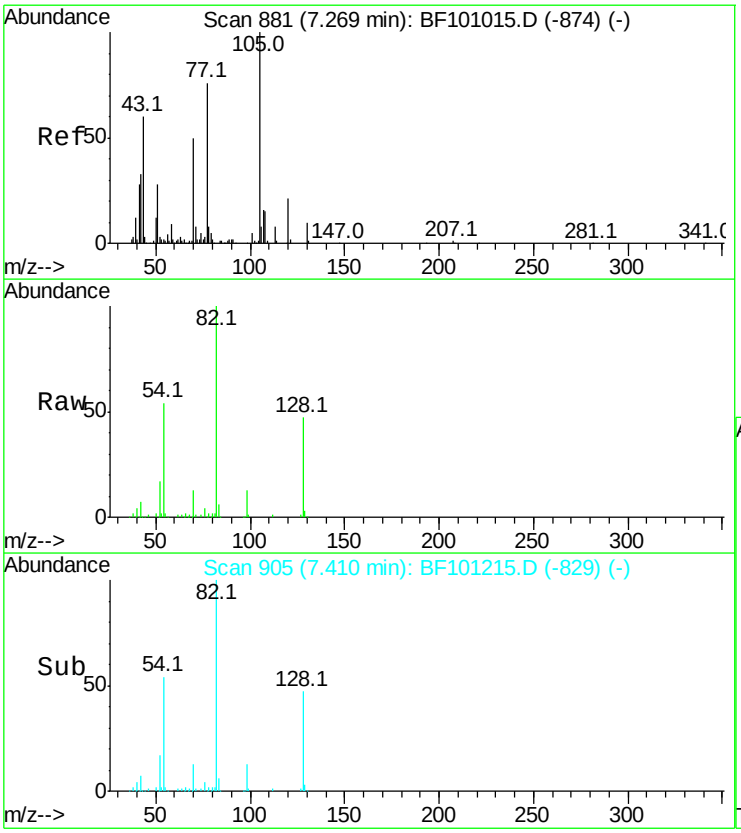
#10
Phenol
Concen: 2.394 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 8756

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	44.7	16.2	56.2

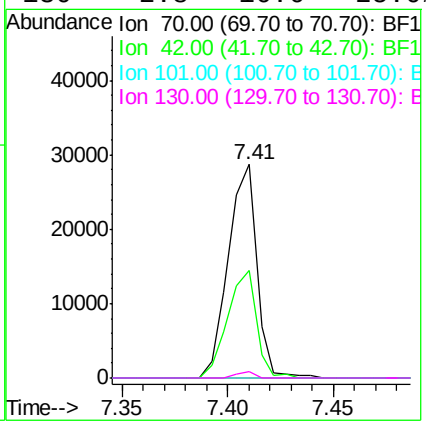


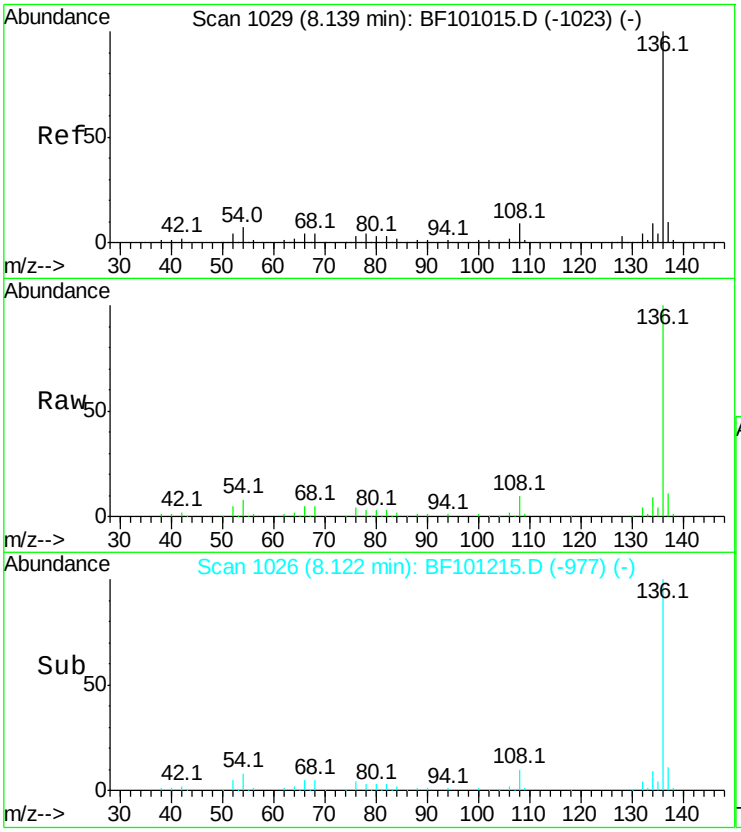


#19
n-Nitroso-di-n-propylamine
Concen: 12.083 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion: 70 Resp: 26761

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



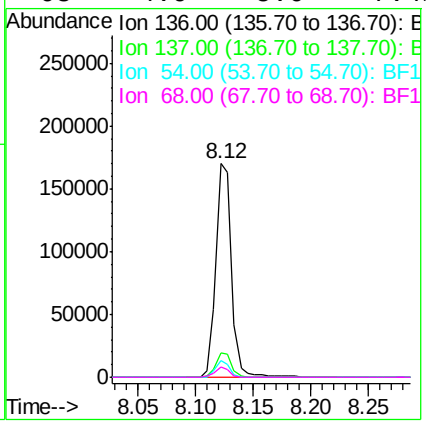


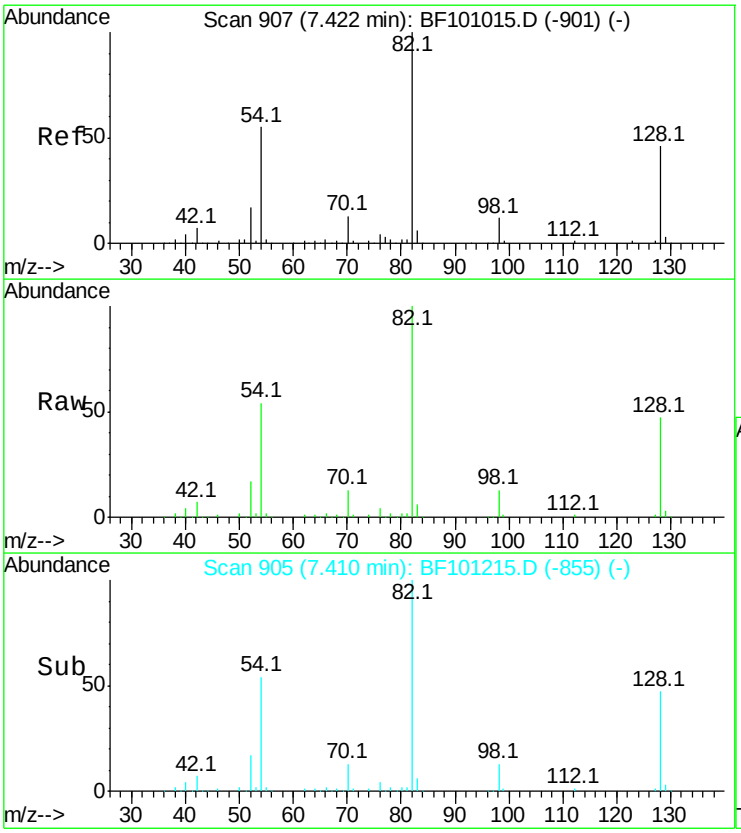
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 160505

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	4.9	5.0	7.4#

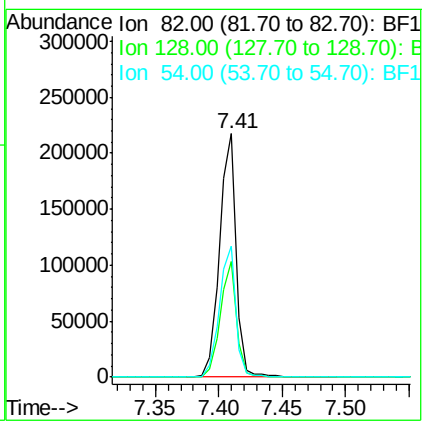


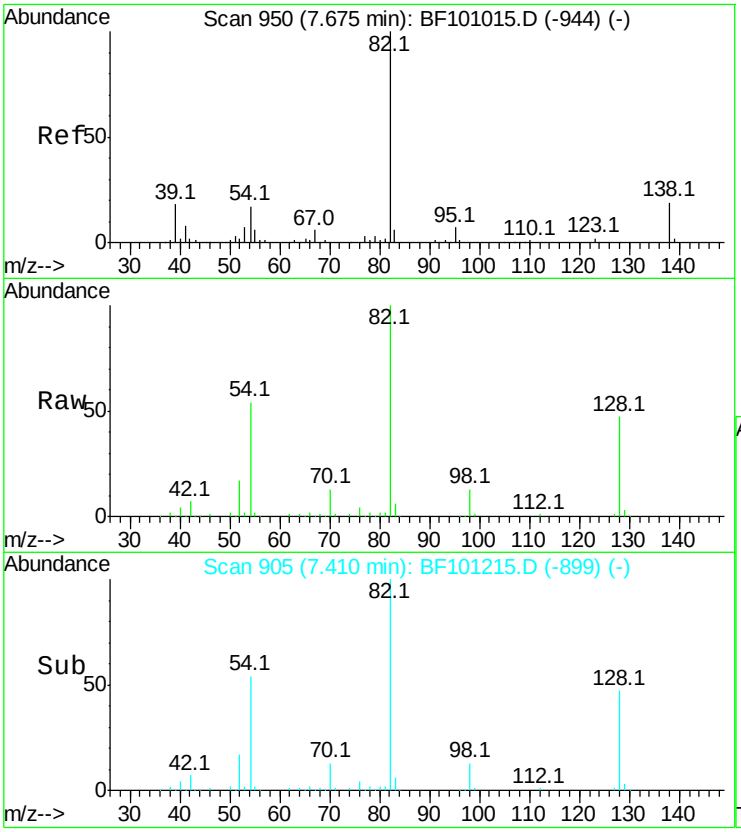


#23
Nitrobenzene-d5
Concen: 74.219 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion: 82 Resp: 199697

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	53.7	41.4	62.2



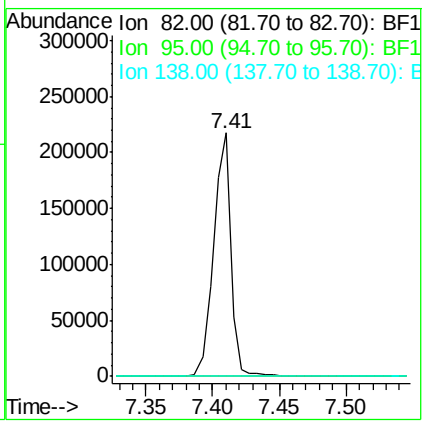


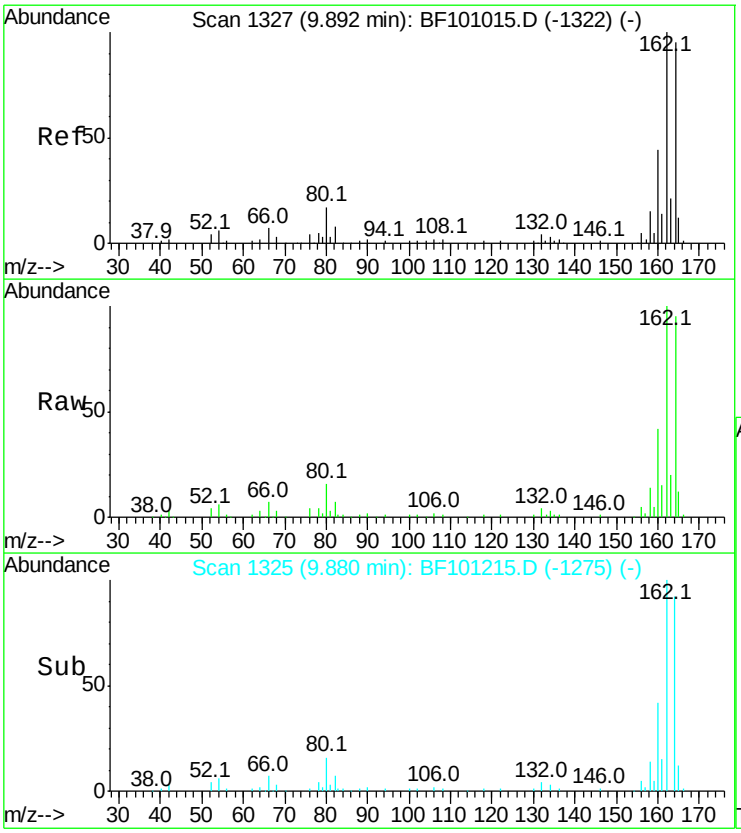
#25
Isophorone
Concen: 43.450 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 199694

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

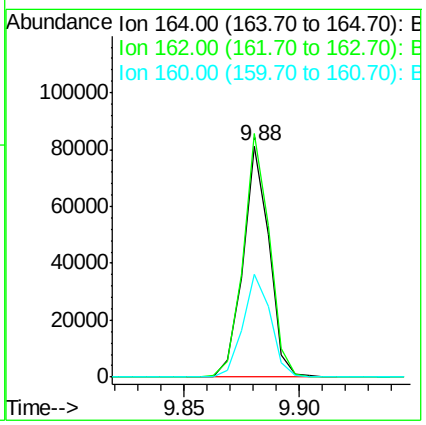


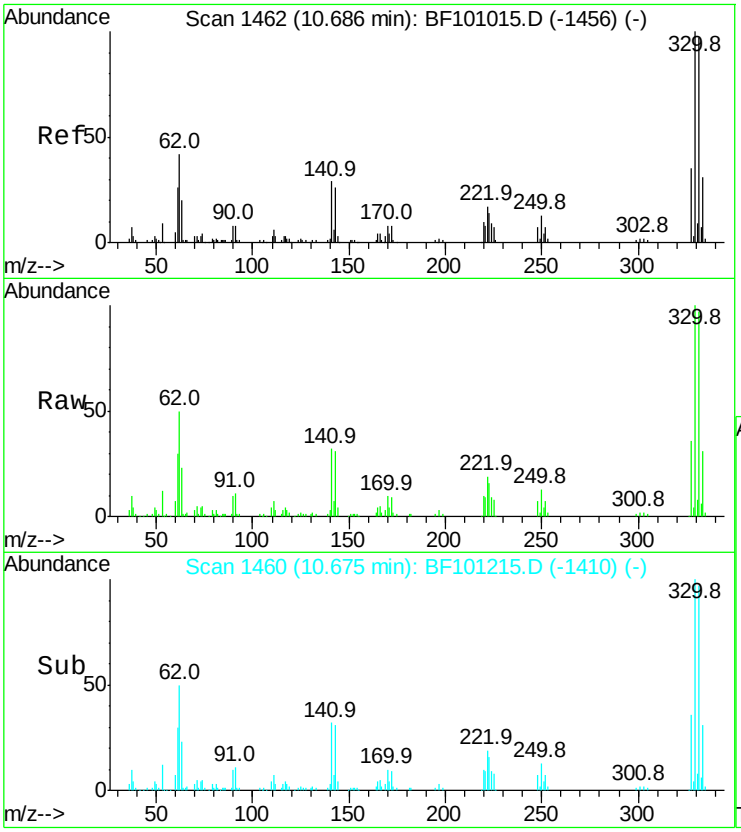


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:164 Resp: 64208

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	44.6	38.3	57.5



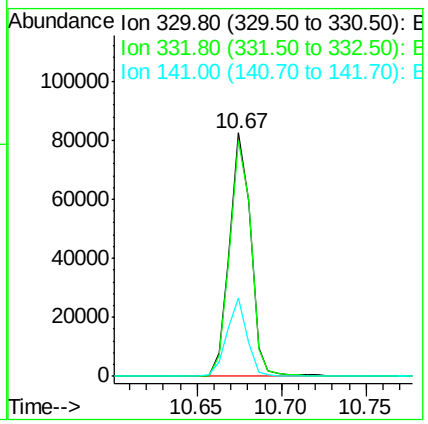


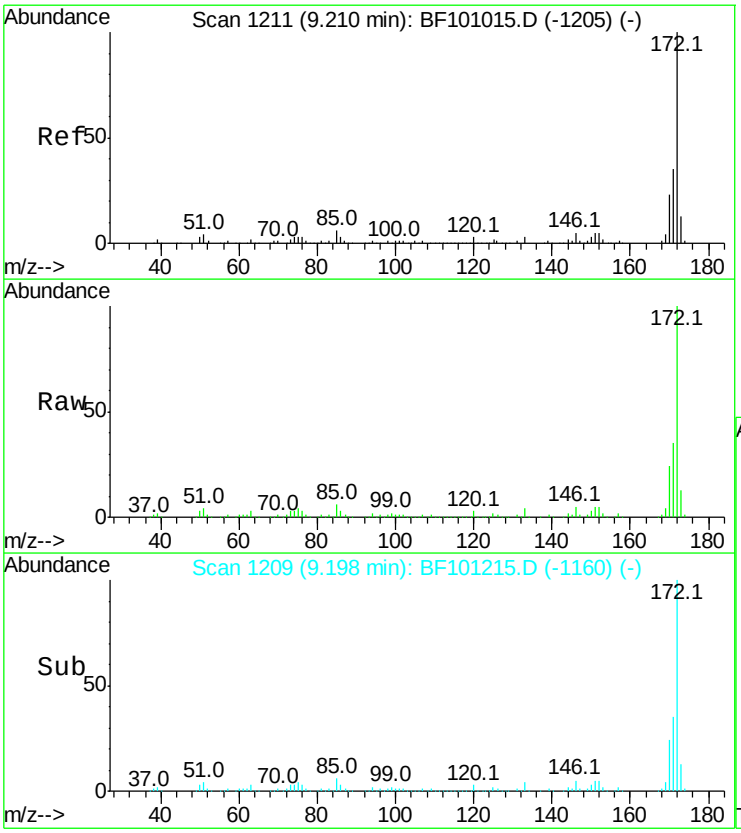
#41
2,4,6-Tribromophenol
Concen: 93.340 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 71995

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	30.4	29.9	44.9

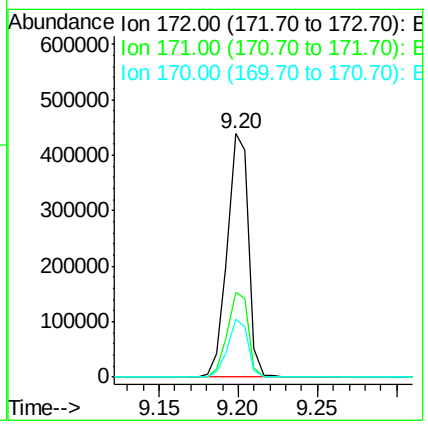


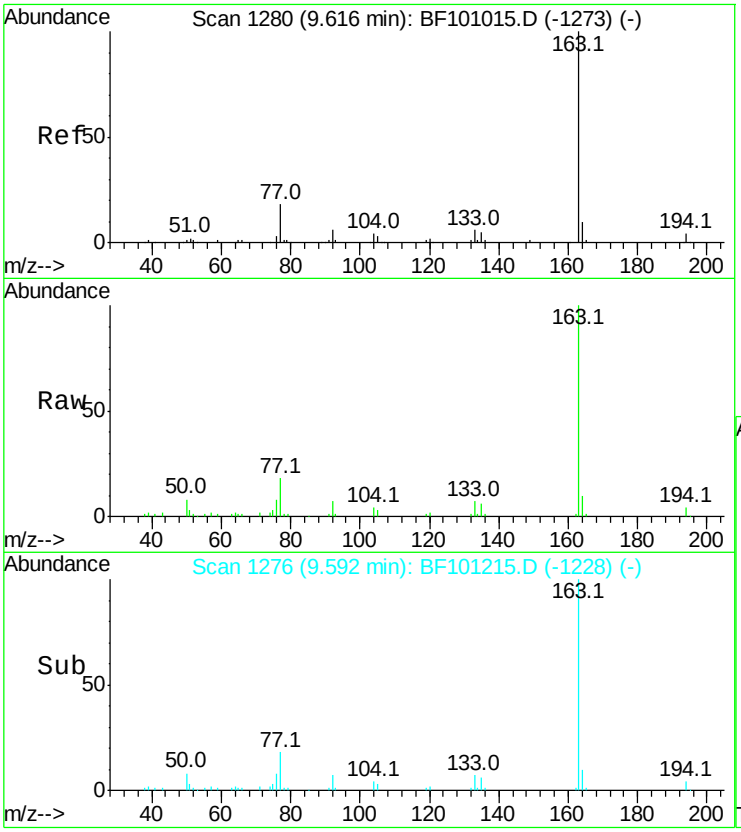


#44
2-Fluorobiphenyl
Concen: 86.578 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:172 Resp: 406302

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.8	19.6	29.4



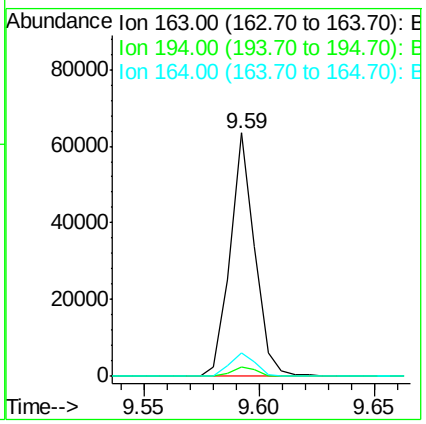


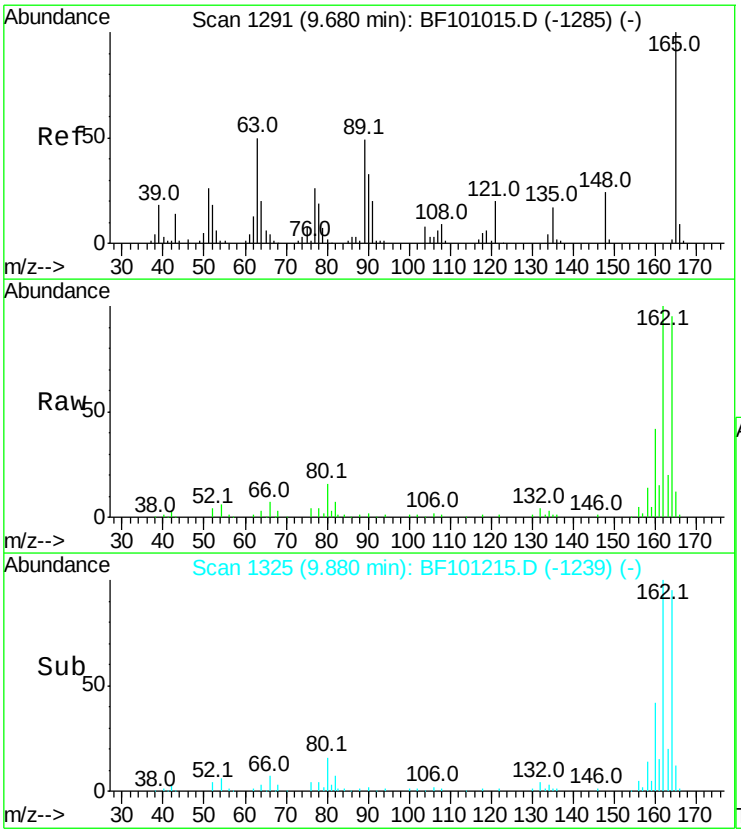
#49
Dimethylphthalate
Concen: 9.096 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47102

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

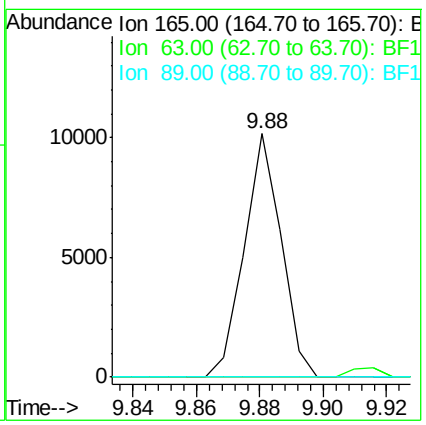


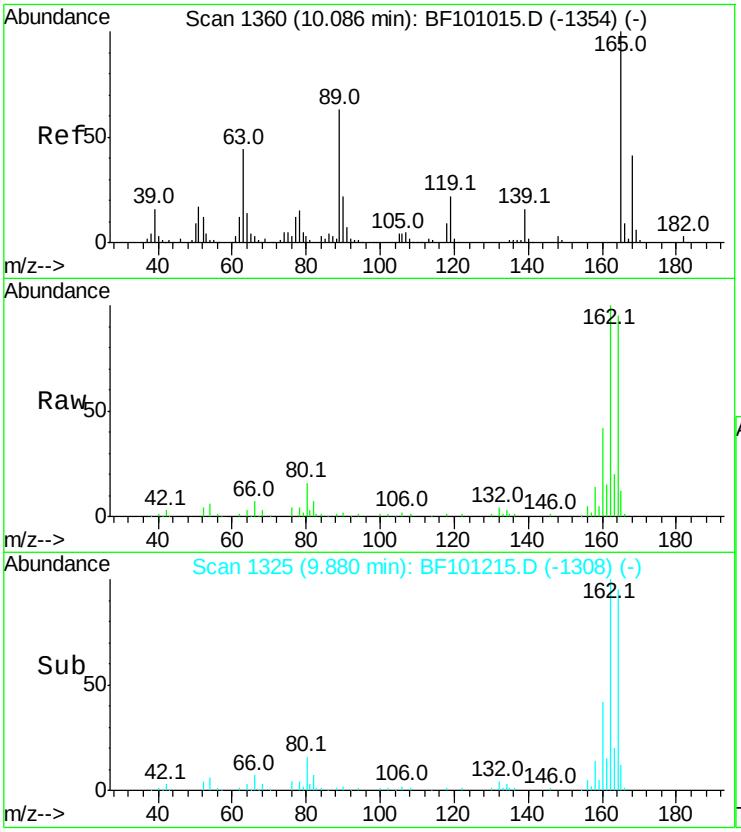


#50
2,6-Dinitrotoluene
Concen: 7.522 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:165 Resp: 8204

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



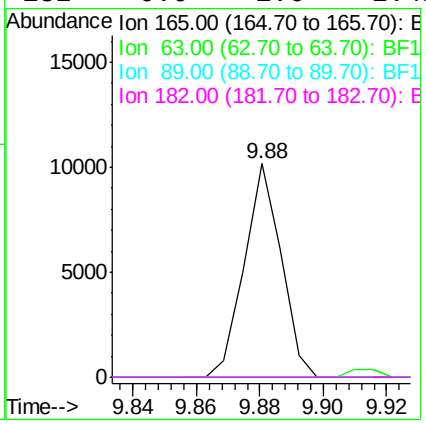


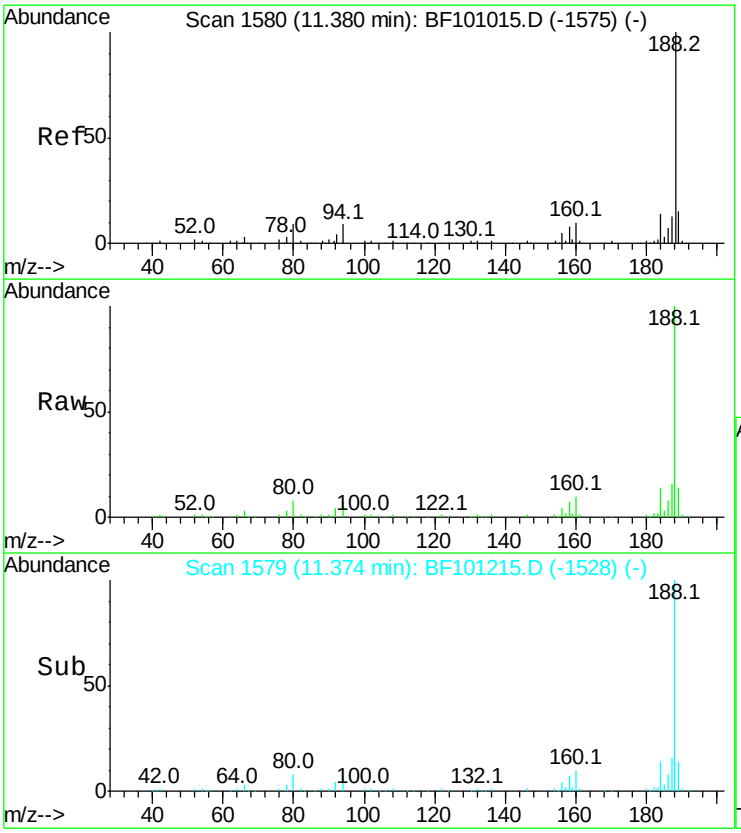
#56
2,4-Dinitrotoluene
Concen: 5.613 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8204

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

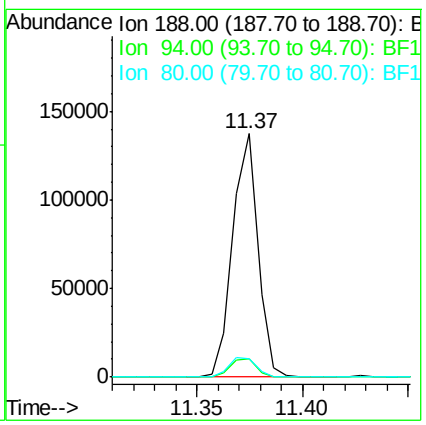


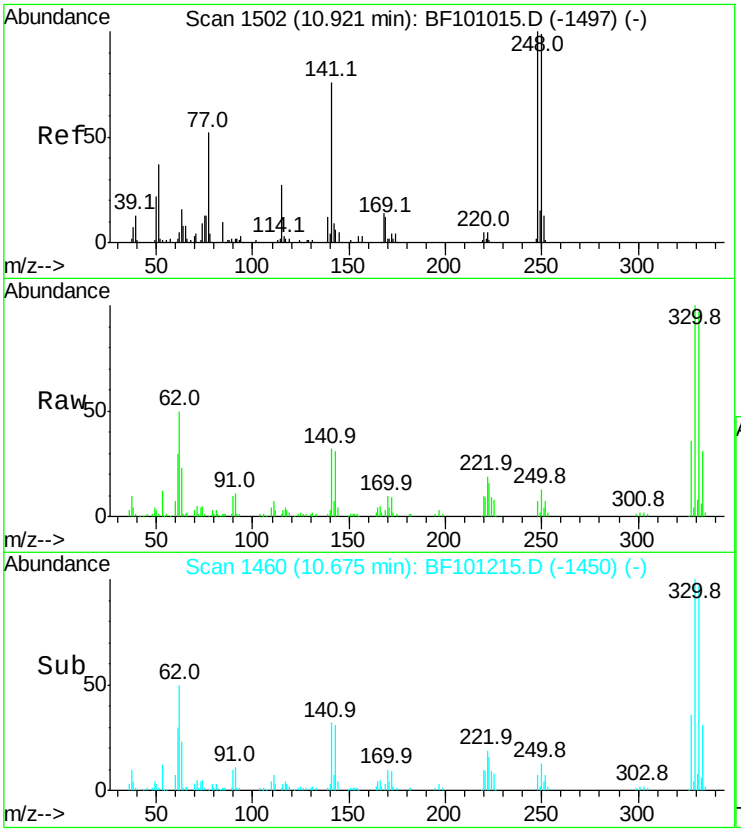


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:188 Resp: 113702

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	7.6	9.2	13.8#



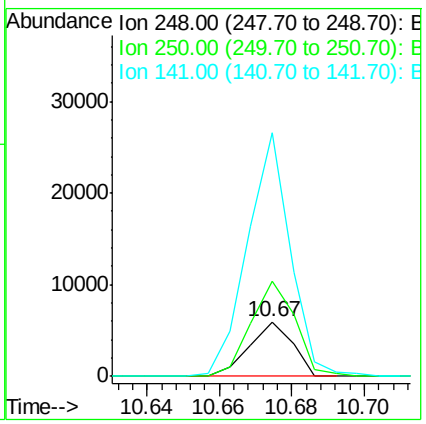


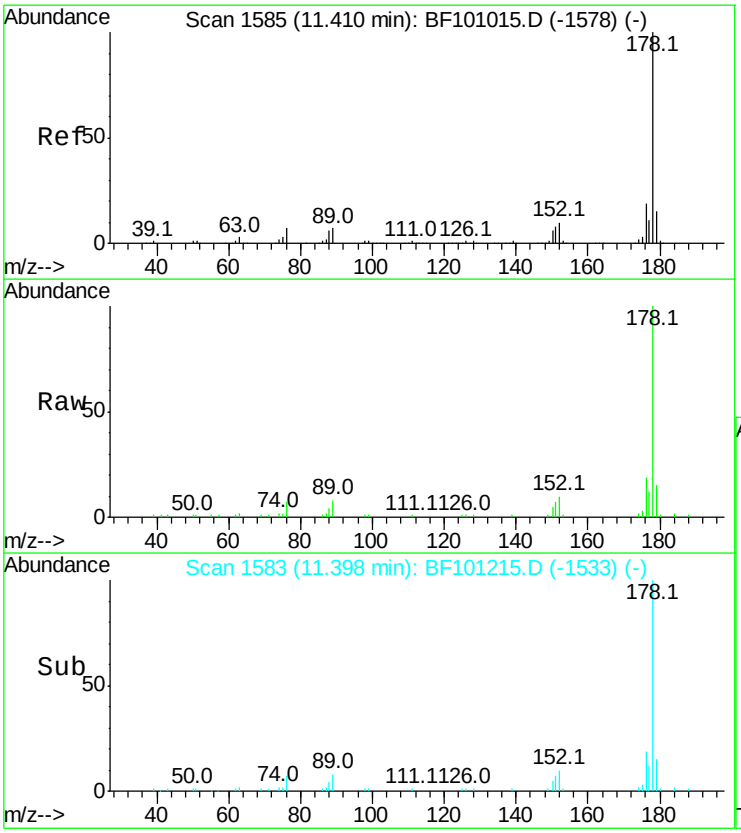
#66
4-Bromophenyl-phenylether
Concen: 3.838 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4884

Ion	Ratio	Lower	Upper
248	100		
250	175.5	76.9	115.3#
141	446.7	74.4	111.6#

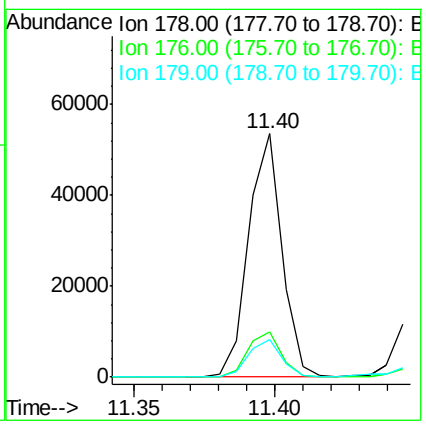


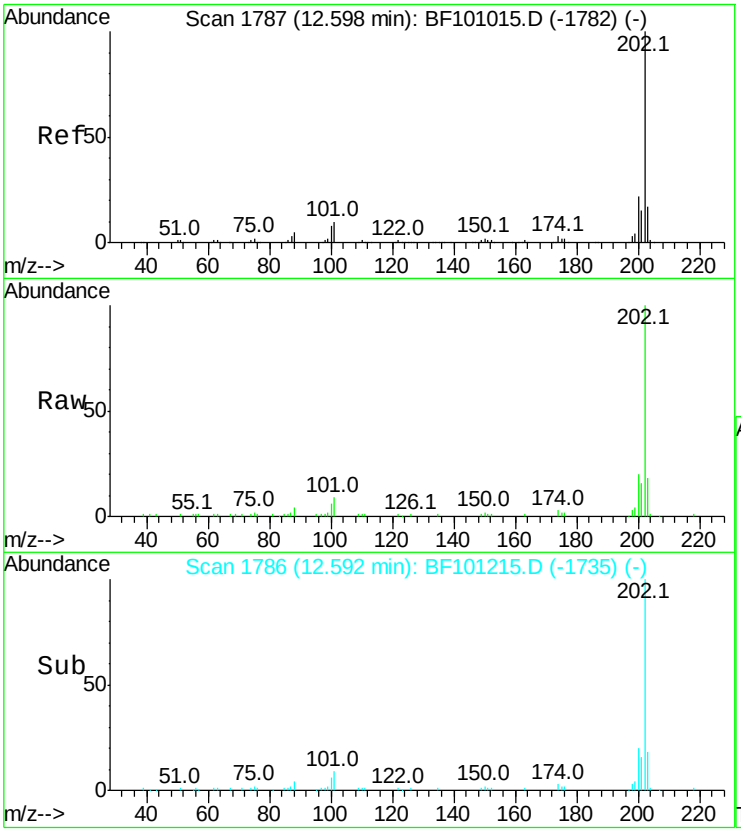


#70
Phenanthrene
Concen: 6.998 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:178 Resp: 43816

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.3	13.0	19.6



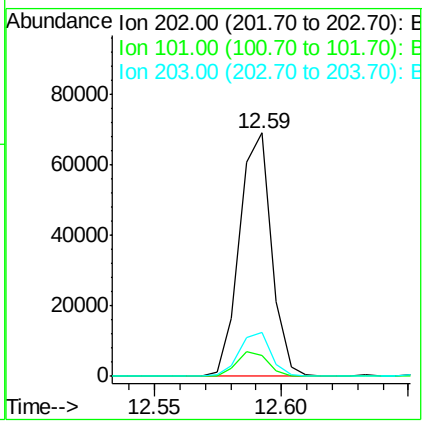


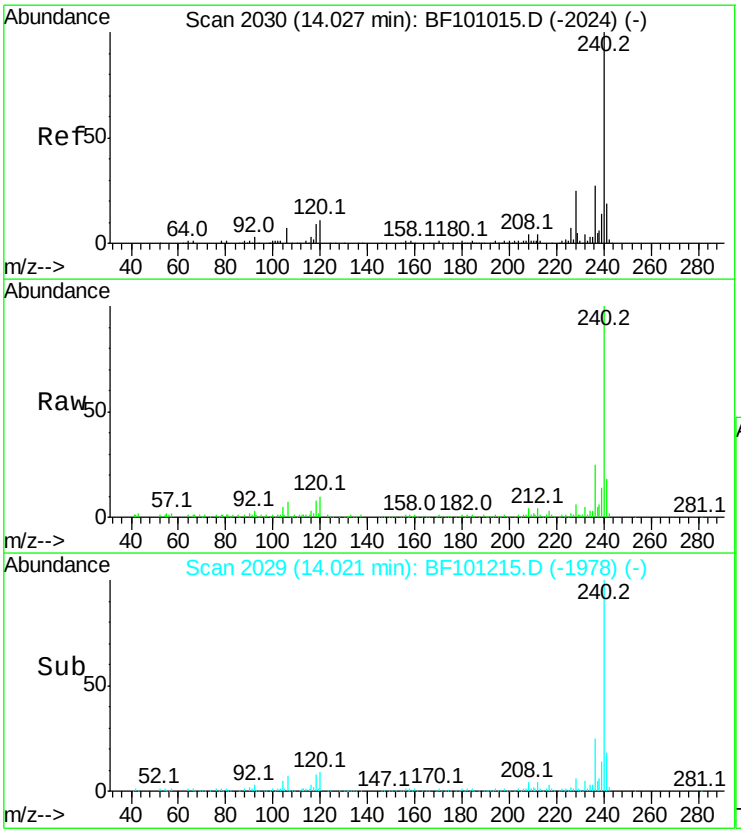
#74
Fluoranthene
Concen: 8.754 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 60761

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.1
203	17.8	0.0	38.1

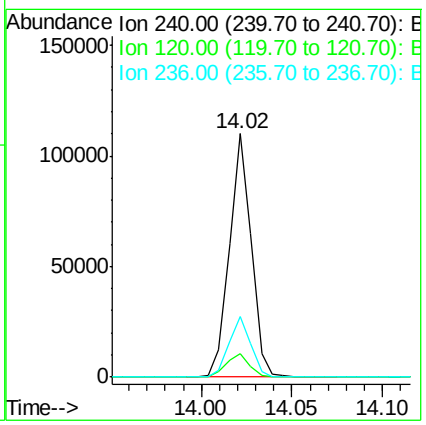


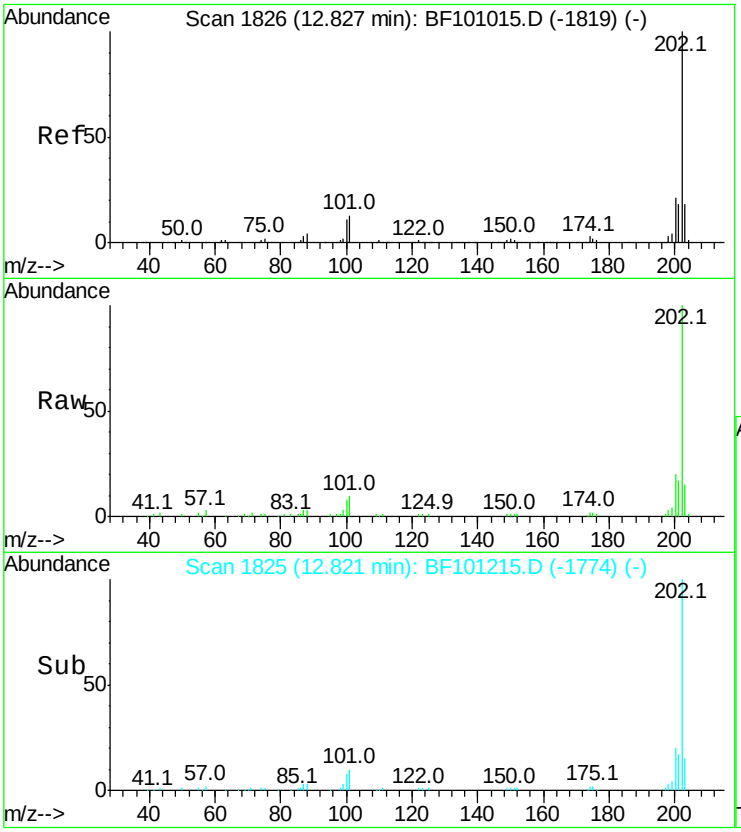


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:240 Resp: 92811

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	24.8	20.7	31.1



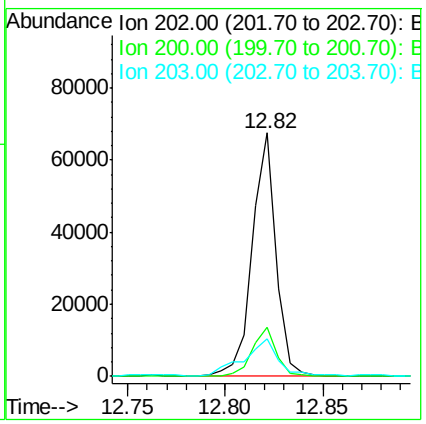


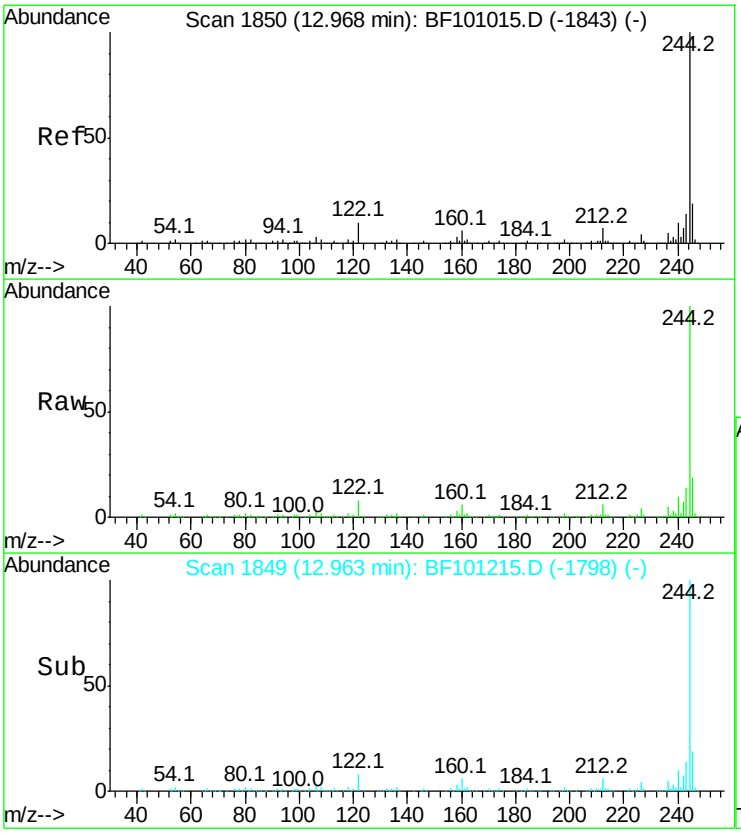
#77
Pyrene
Concen: 8.873 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 56828

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	15.3	14.3	21.5

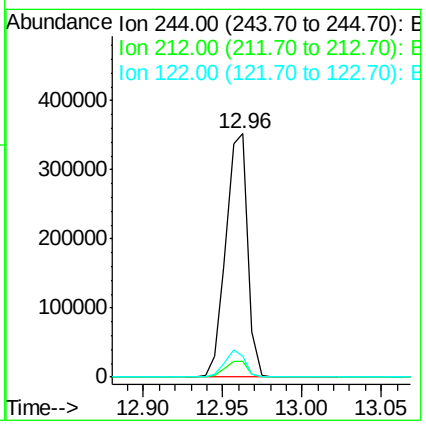


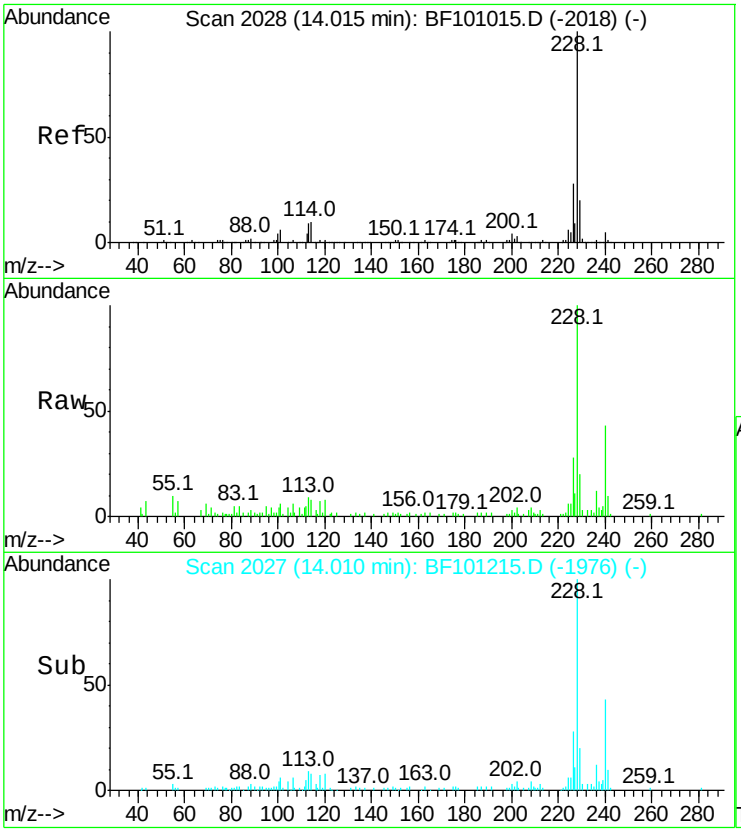


#78
Terphenyl-d14
Concen: 79.102 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:244 Resp: 335649

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.4	11.0	16.4#



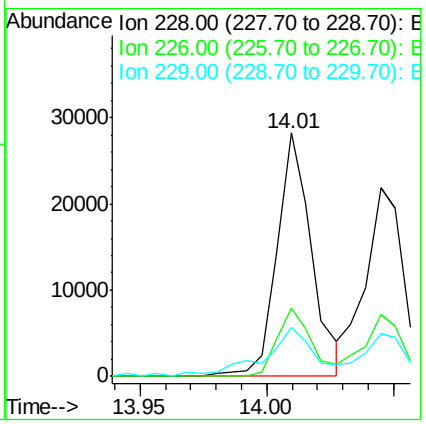


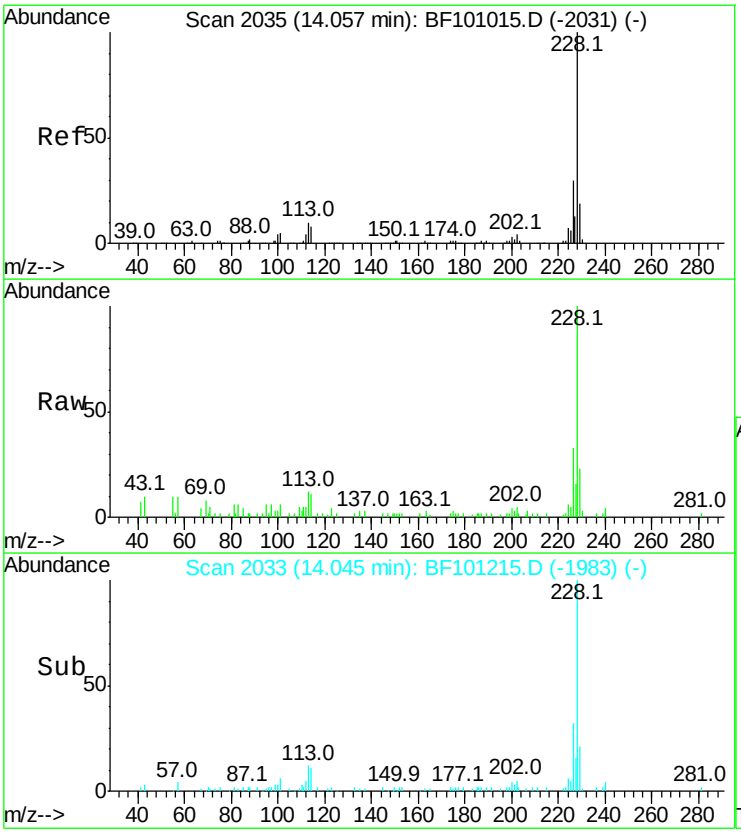
#80
Benzo(a)anthracene
Concen: 4.602 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 26968

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6

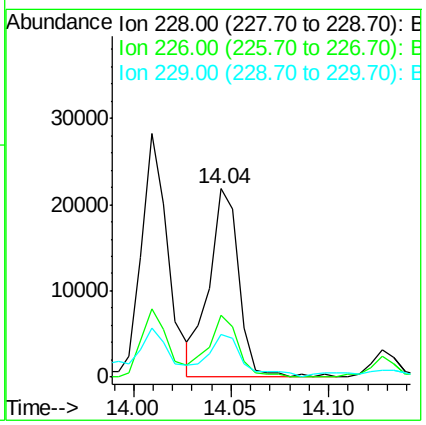


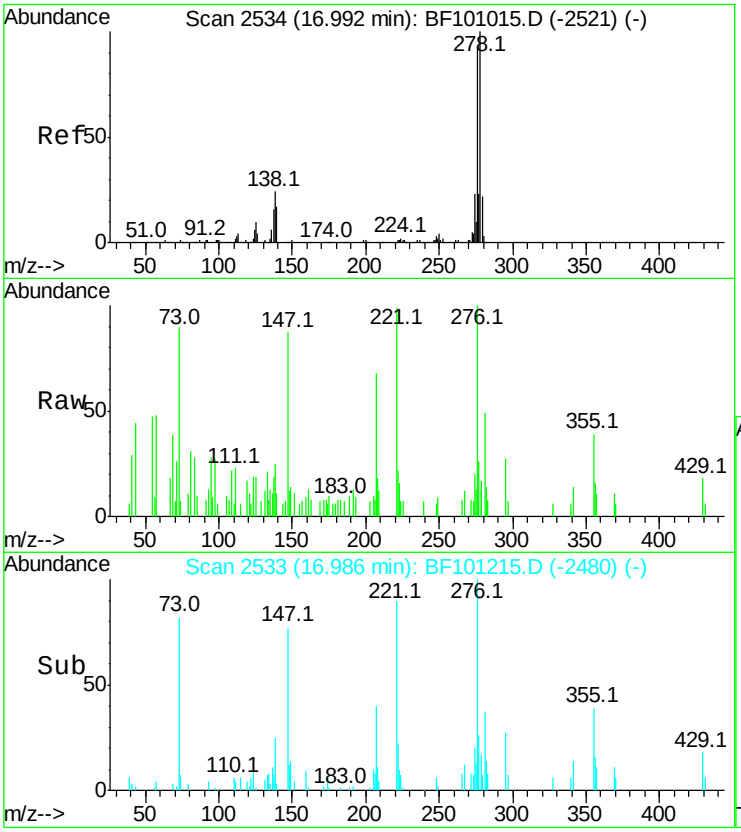


#82
Chrysene
Concen: 4.254 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:228 Resp: 23152

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	22.5	16.2	24.4



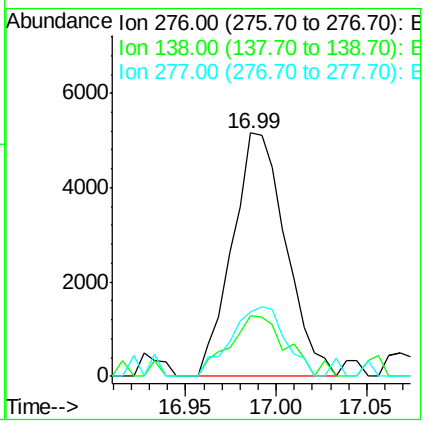


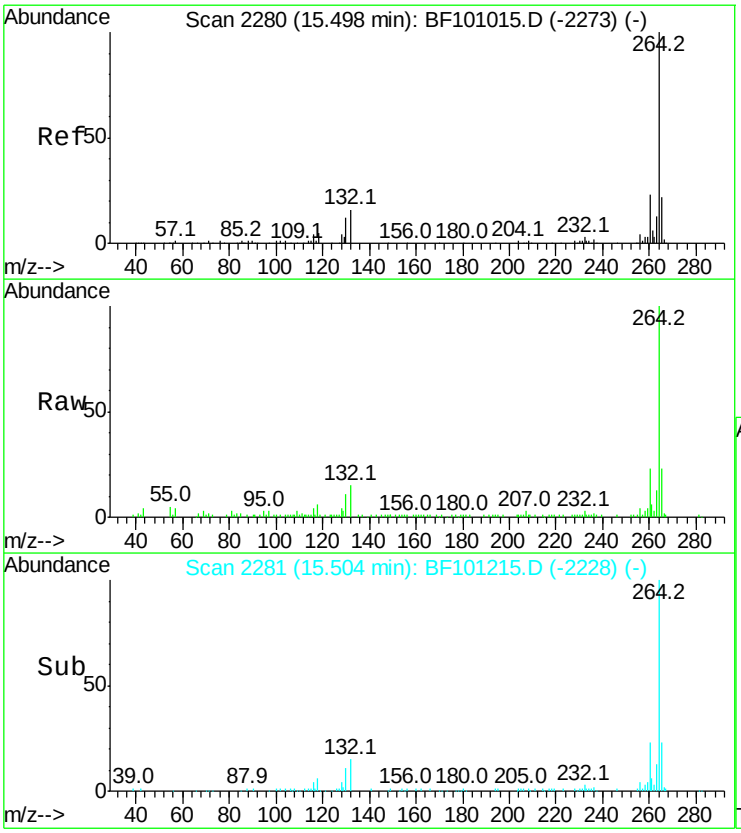
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.185 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 10574

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	29.0	20.1	30.1

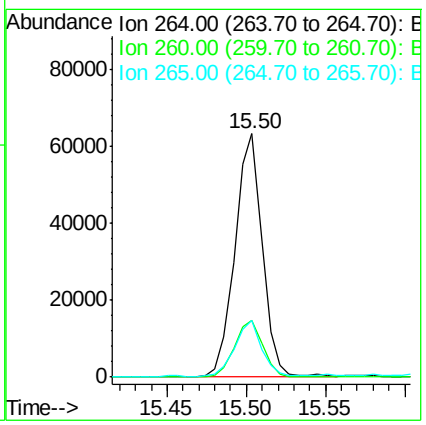


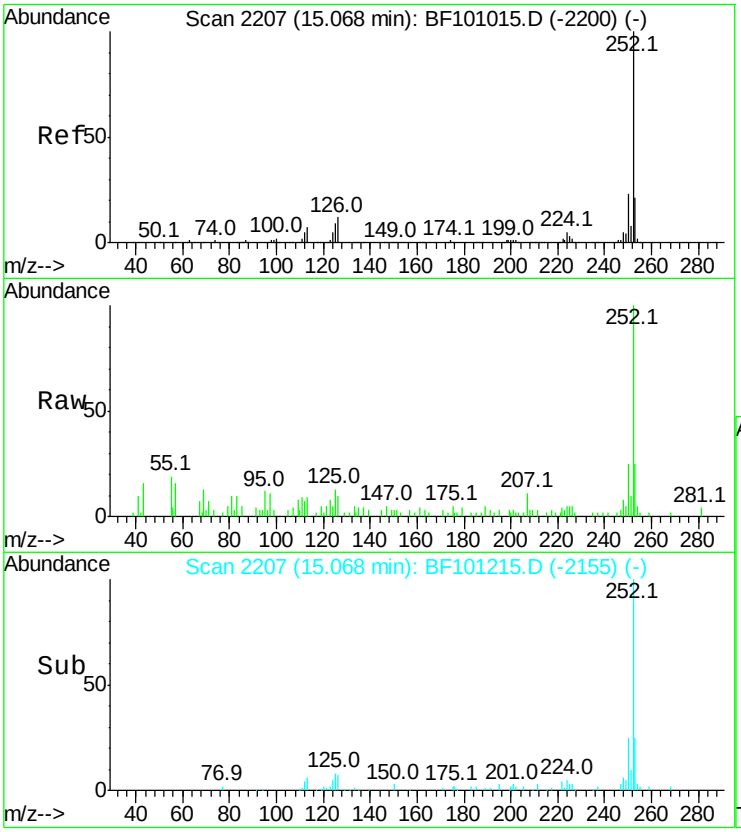


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:264 Resp: 76003

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.1	17.5	26.3



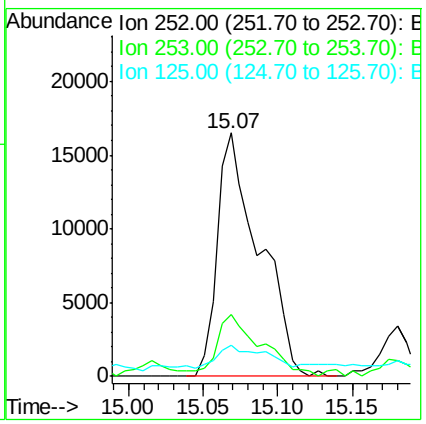


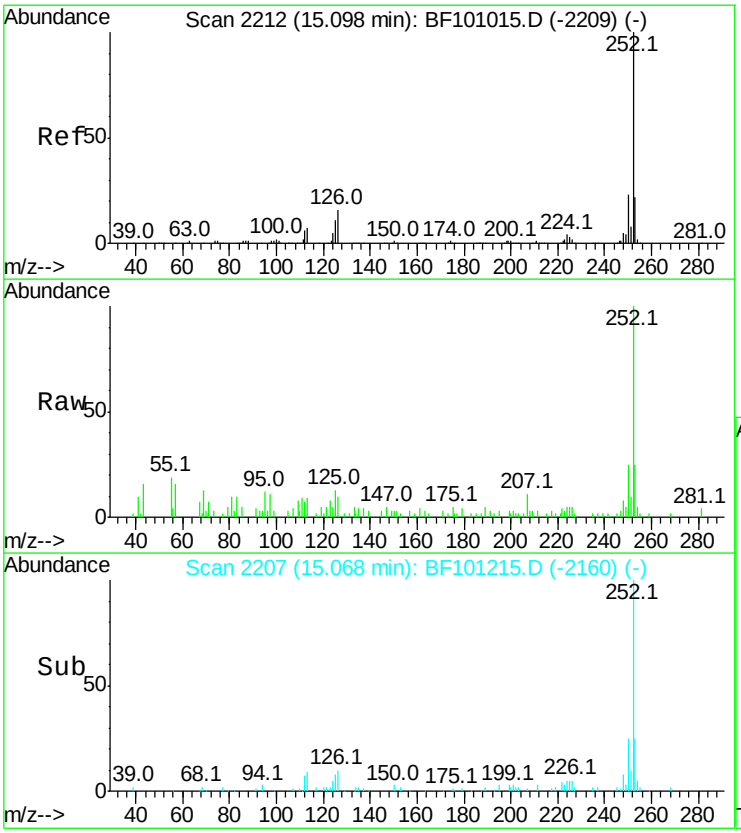
#87
Benzo(b)fluoranthene
Concen: 7.082 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32242

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	12.6	9.0	13.6

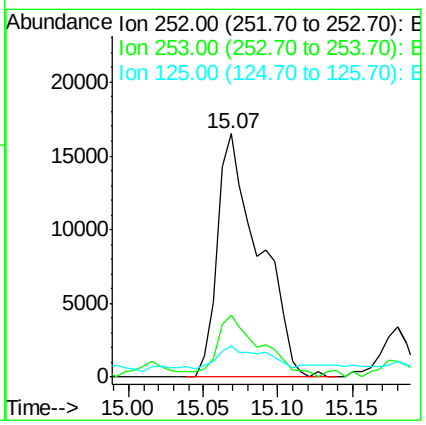


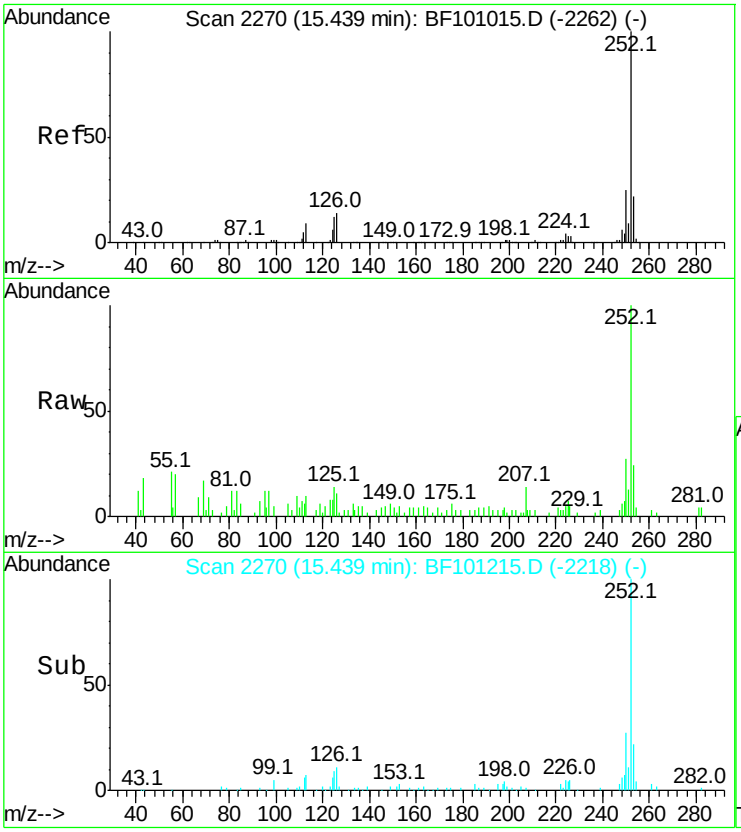


#88
Benzo(k)fluoranthene
Concen: 7.189 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:252 Resp: 32242

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	12.6	10.2	15.2



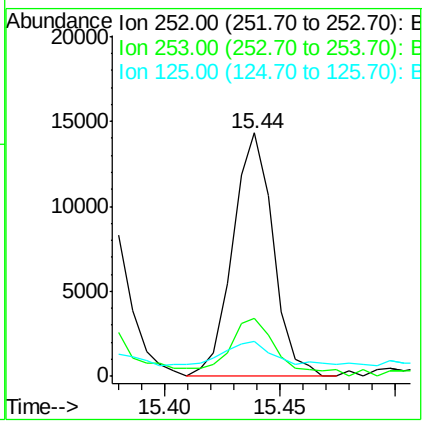


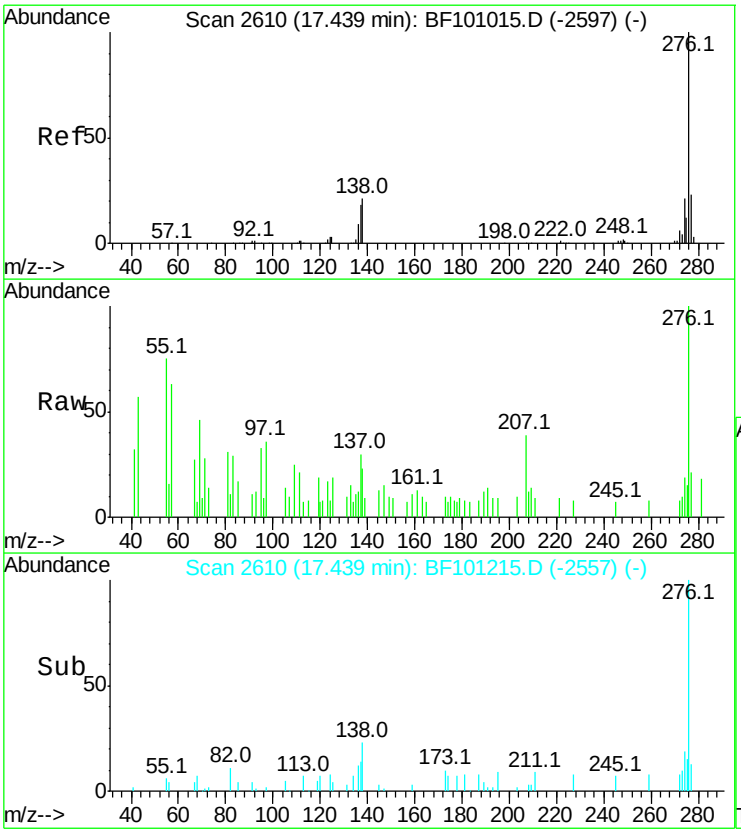
#89
Benzo(a)pyrene
Concen: 4.226 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 17491

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	14.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.876 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.01 min
Lab File: BF101215.D
Acq: 7 Dec 2017 19:46

Tgt Ion:276 Resp: 9888

Ion	Ratio	Lower	Upper
276	100		
277	20.8	17.9	26.9
138	23.1	21.8	32.8