Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111739.D
Acq On : 27 Dec 2018 2:56
Operator : JU/SJ
Sample : J6547-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1B

Quant Time: Dec 27 04:15:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150076	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	503260	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	224532	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	421454	20.00	ng		0.01
76) Chrysene-d12	14.07	240	304131	20.00	ng		0.02
87) Perylene-d12	15.56	264	241726	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	451789	51.31	ng		0.02
7) Phenol-d6	6.54	99	546402	48.76	ng		0.02
23) Nitrobenzene-d5	7.46	82	321258	37.16	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	133629	50.37	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	593494	38.53	ng		0.00
79) Terphenyl-d14	13.01	244	595669	37.14	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	27090	2.143	ng		92
19) n-Nitroso-di-n-propylamine	7.46	70	44019	5.915	ng	#	80
25) Isophorone	7.46	82	321254	20.930	ng	#	64
50) Dimethylphthalate	9.65	163	83037	5.057	ng		98
51) 2,6-Dinitrotoluene	9.94	165	29645	9.055	ng	#	29
57) 2,4-Dinitrotoluene	9.94	165	29645	7.534	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.72	198	251	6.817	ng	#	1
71) Phenanthrene	11.45	178	107311	4.801	ng		93
75) Fluoranthene	12.64	202	202645	8.953	ng		94
78) Pyrene	12.87	202	179390	8.353	ng		97
81) Benzo(a)anthracene	14.06	228	76528	4.409	ng		97
83) Chrysene	14.06	228	76528	4.486	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	31315	2.159	ng	#	83
88) Benzo(b)fluoranthene	15.12	252	96612	6.839	ng	#	82
89) Benzo(k)fluoranthene	15.12	252	96612	7.183	ng	#	81
90) Benzo(a)pyrene	15.49	252	54727	4.264	ng	#	88
92) Benzo(g,h,i)perylene	17.52	276	29749	2.711	ng	#	87

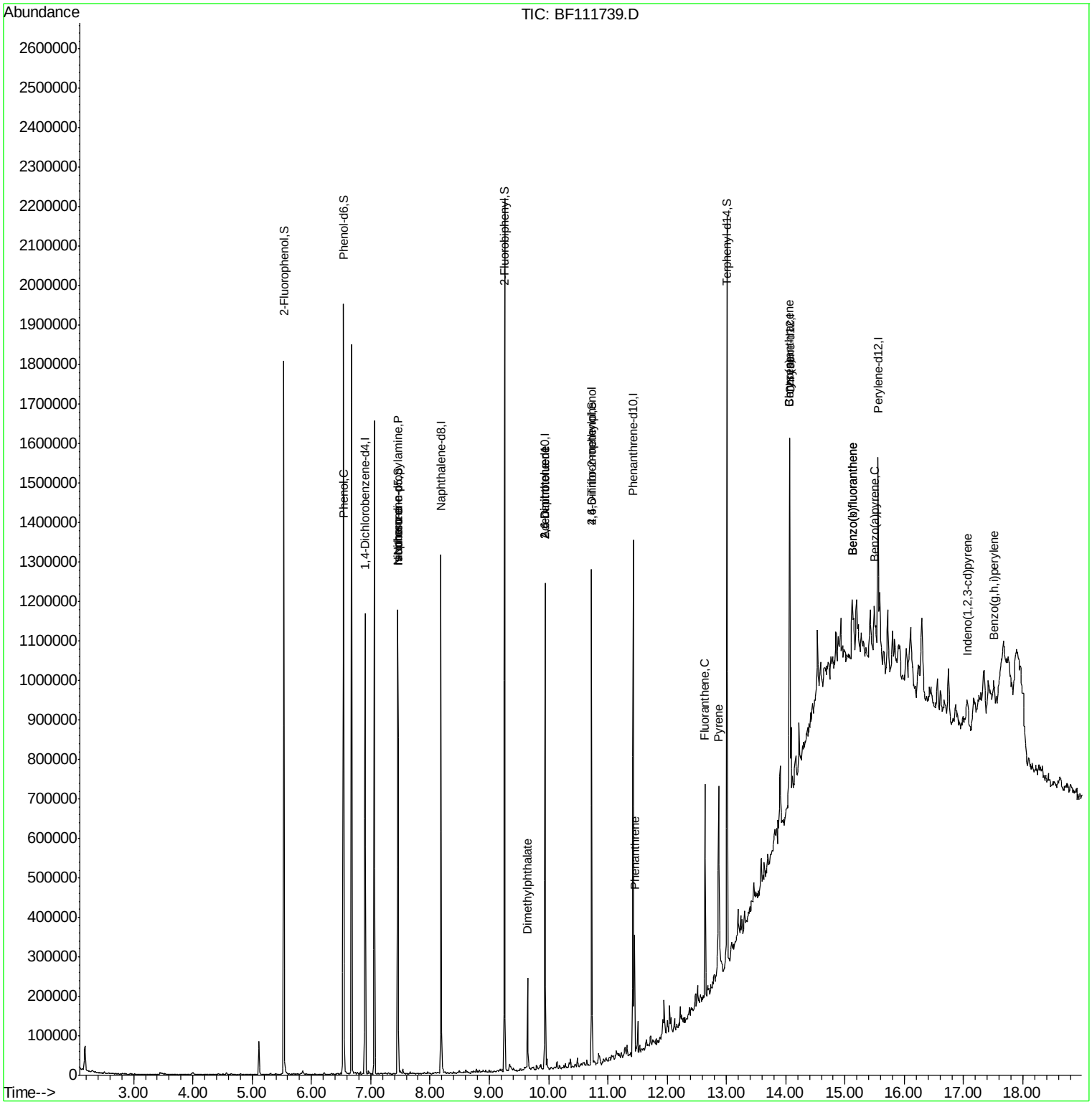
(#) = qualifier out of range (m) = manual integration (+) = signals summed

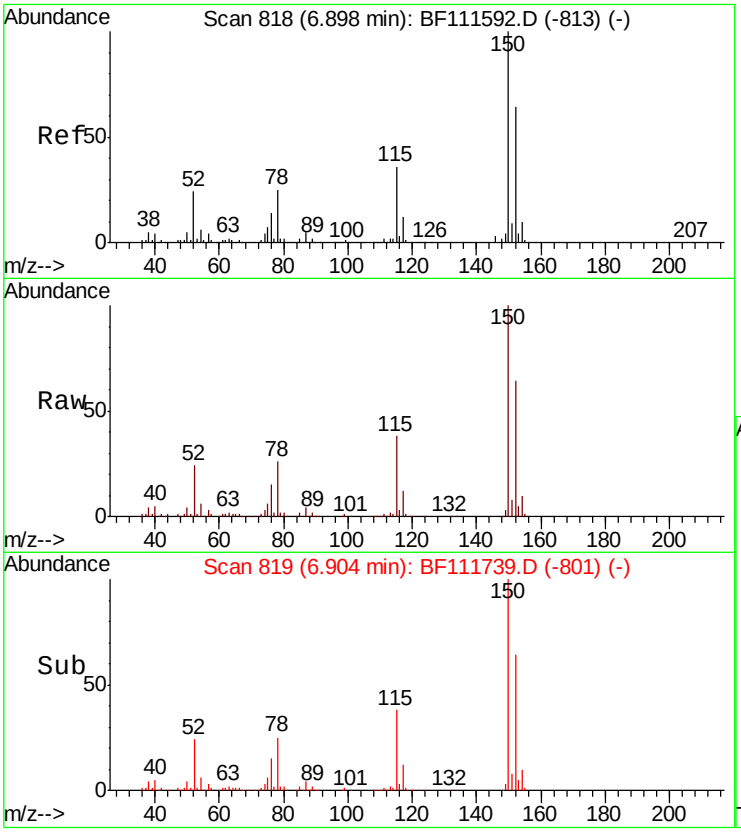
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111739.D
Acq On : 27 Dec 2018 2:56
Operator : JU/SJ
Sample : J6547-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Quant Time: Dec 27 04:15:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



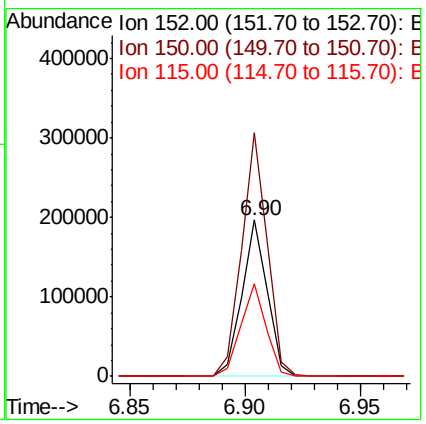


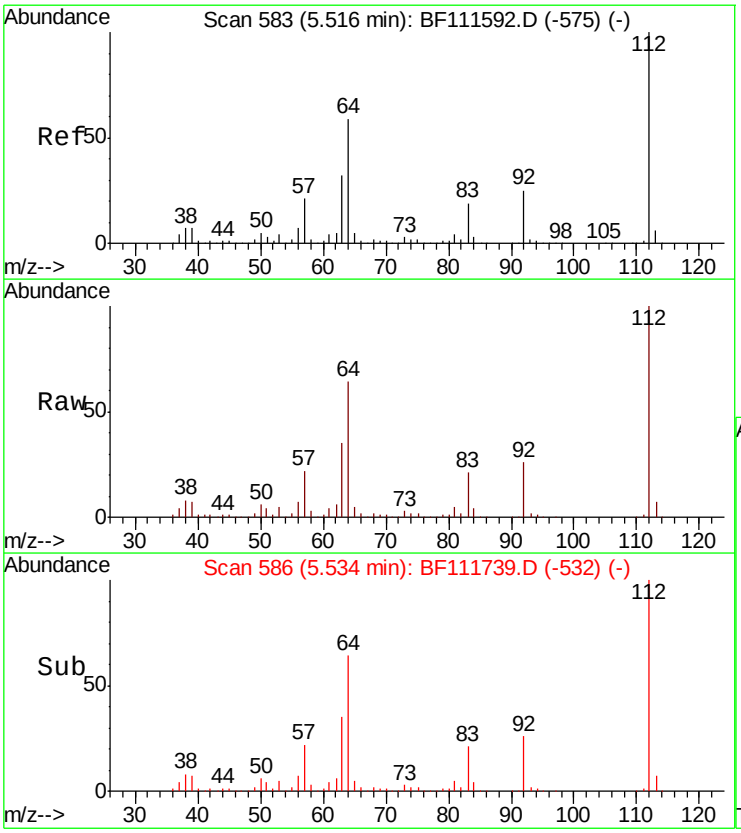
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:152 Resp: 150076

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	59.5	50.7	76.1

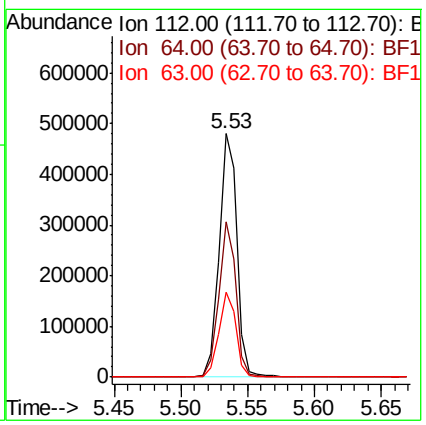


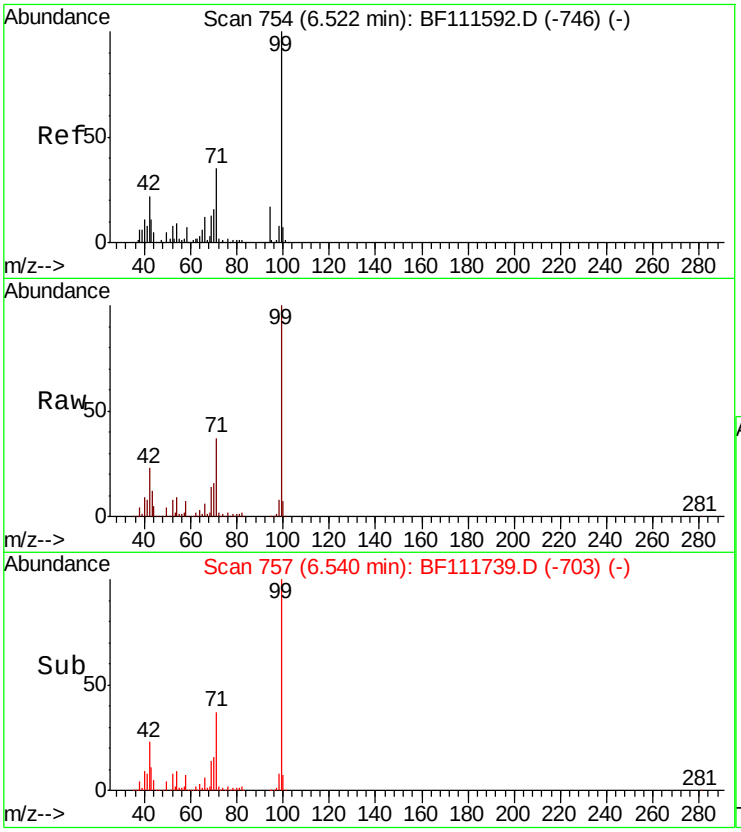


#5
2-Fluorophenol
Concen: 51.313 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:112 Resp: 451789

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	35.0	26.8	40.2



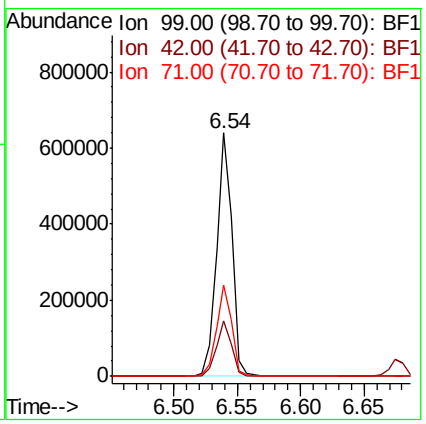


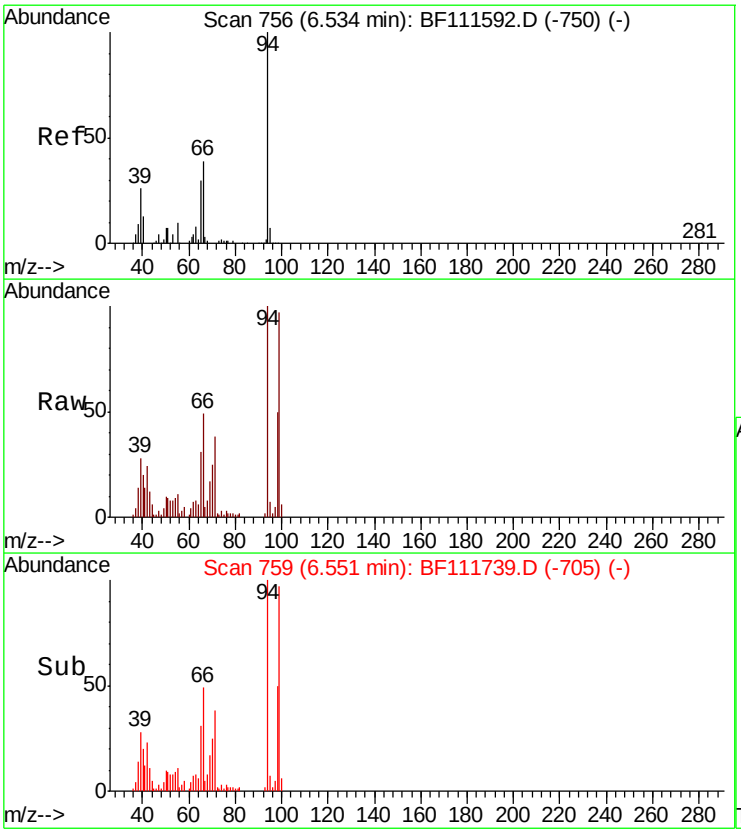
#7
Phenol-d6
Concen: 48.764 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion: 99 Resp: 546402

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.4	26.0
71	37.5	26.1	39.1

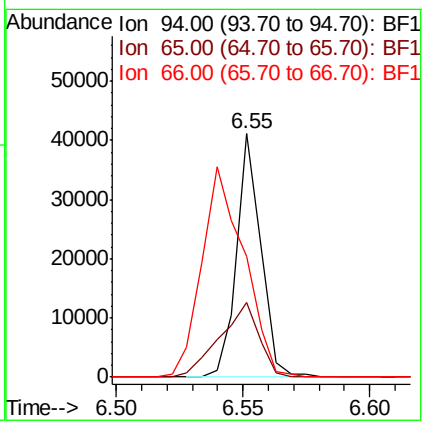


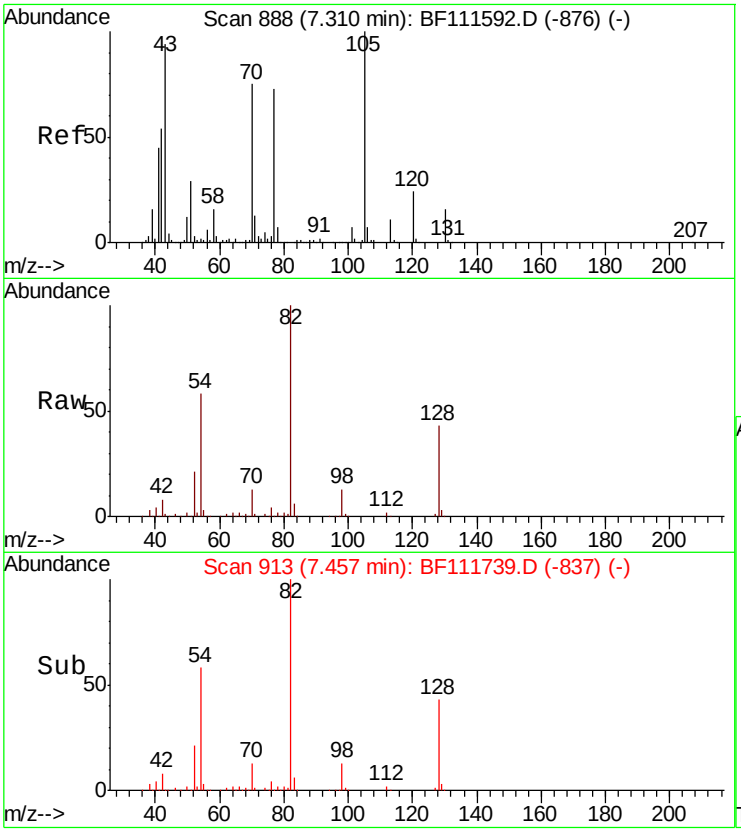


#10
Phenol
Concen: 2.143 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion: 94 Resp: 27090

Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	49.4	21.0	61.0



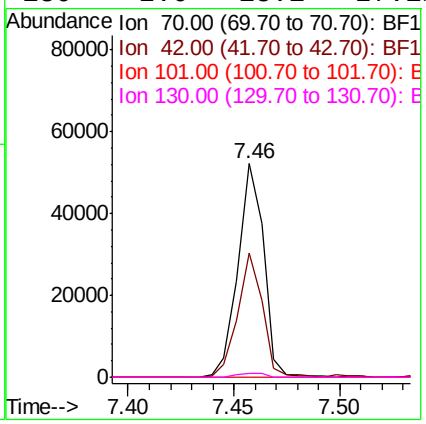


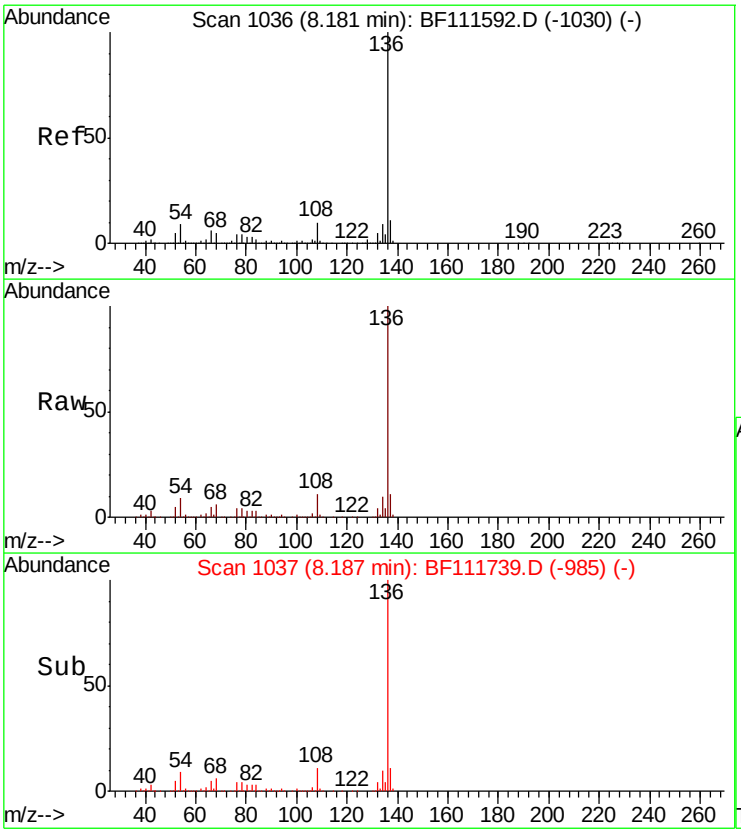
#19
n-Nitroso-di-n-propylamine
Concen: 5.915 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion: 70 Resp: 44019

Ion	Ratio	Lower	Upper
70	100		
42	57.8	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

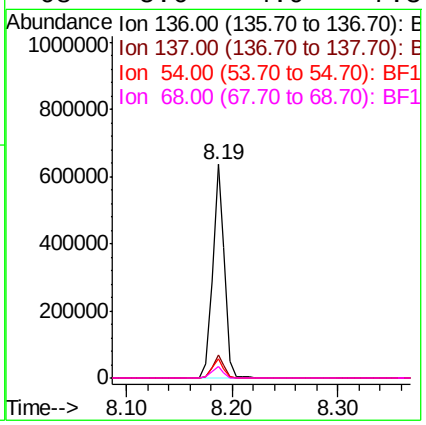


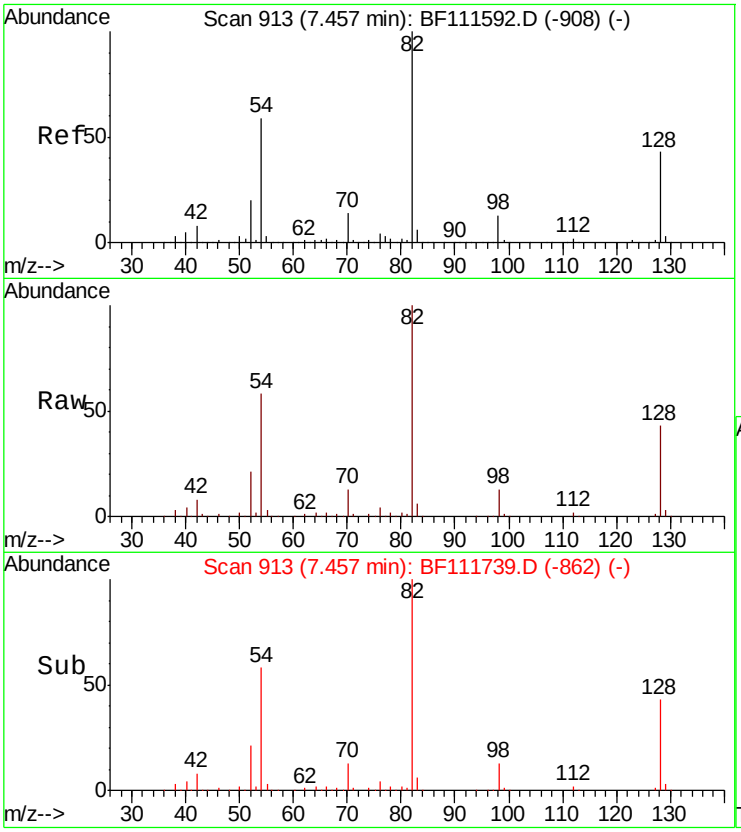


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:136 Resp: 503260

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.1	7.7	11.5
68	5.6	4.9	7.3



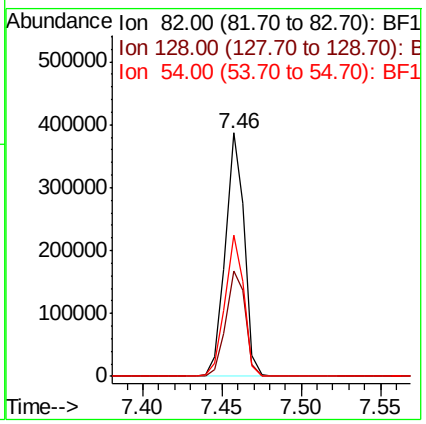


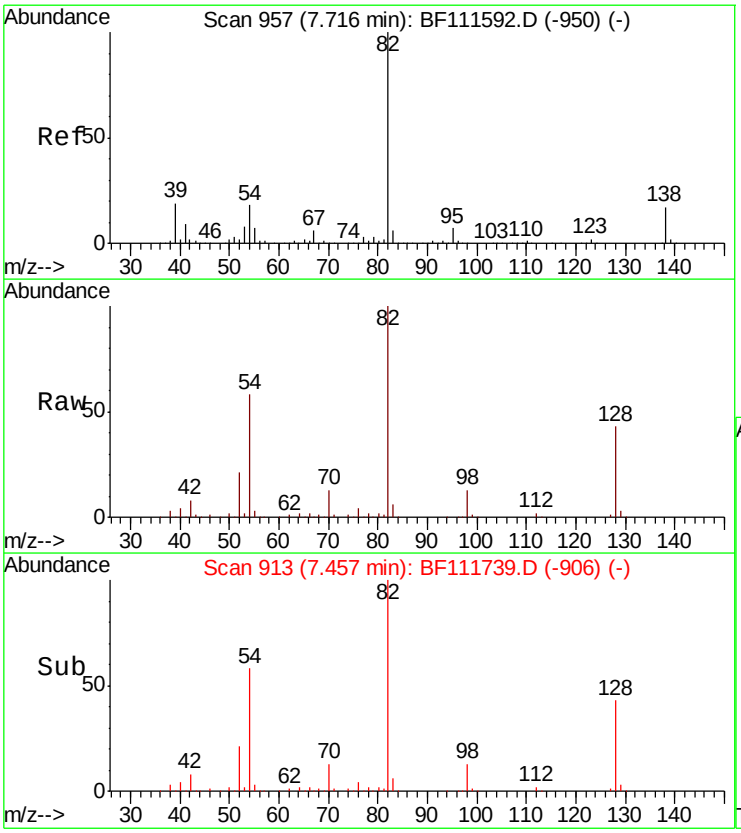
#23
Nitrobenzene-d5
Concen: 37.157 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion: 82 Resp: 321258

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.4	56.2
54	58.2	47.6	71.4

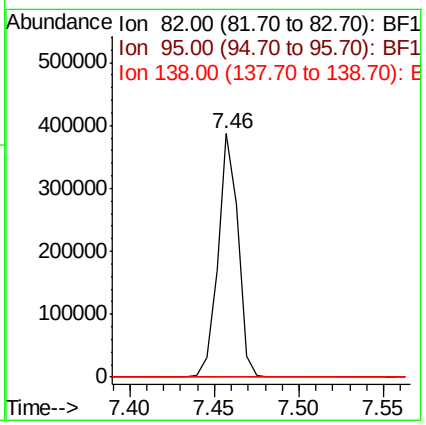


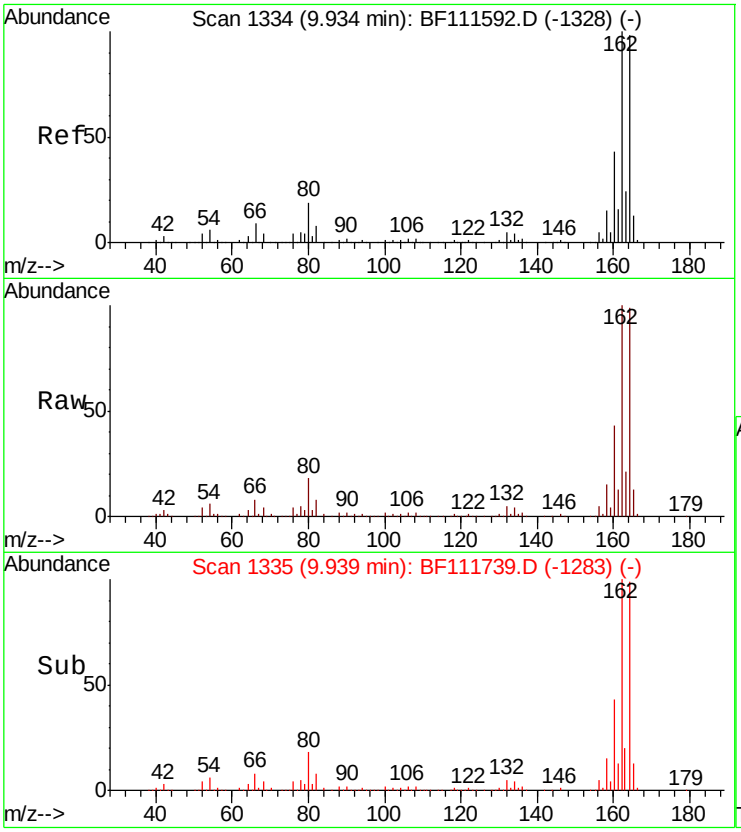


#25
Isophorone
Concen: 20.930 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion: 82 Resp: 321254

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



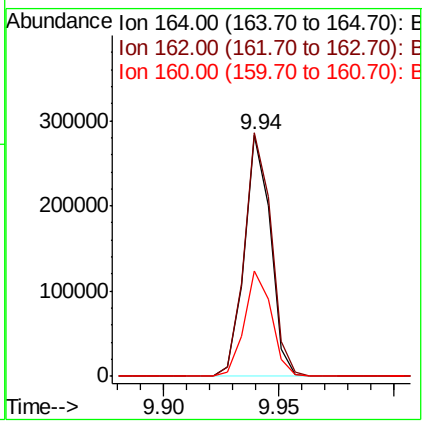


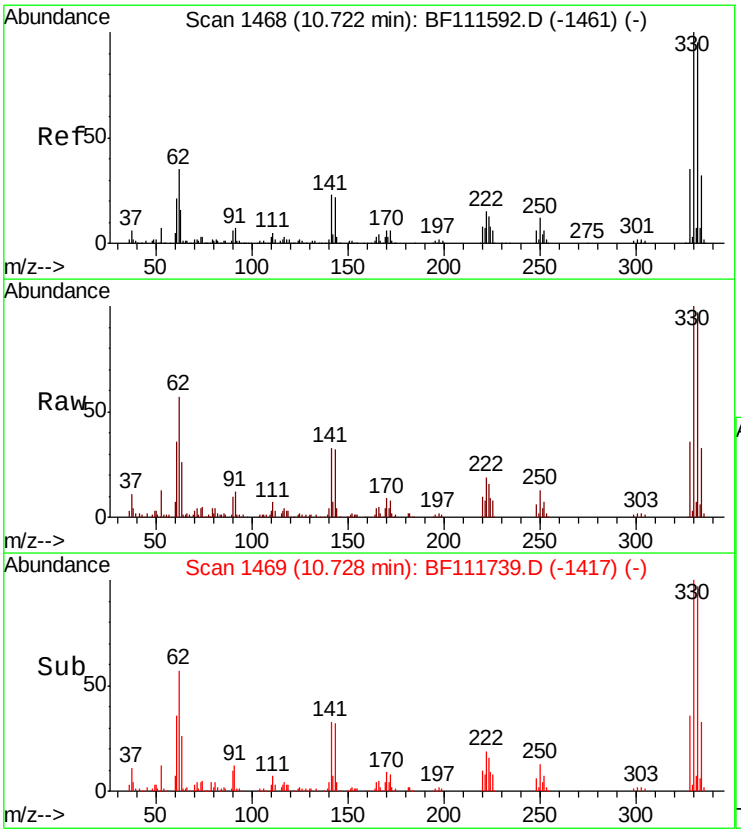
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:164 Resp: 224532

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	43.9	35.7	53.5

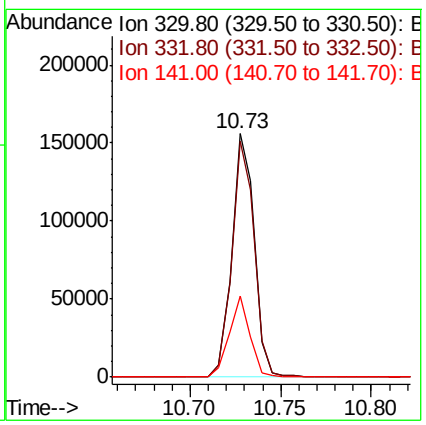


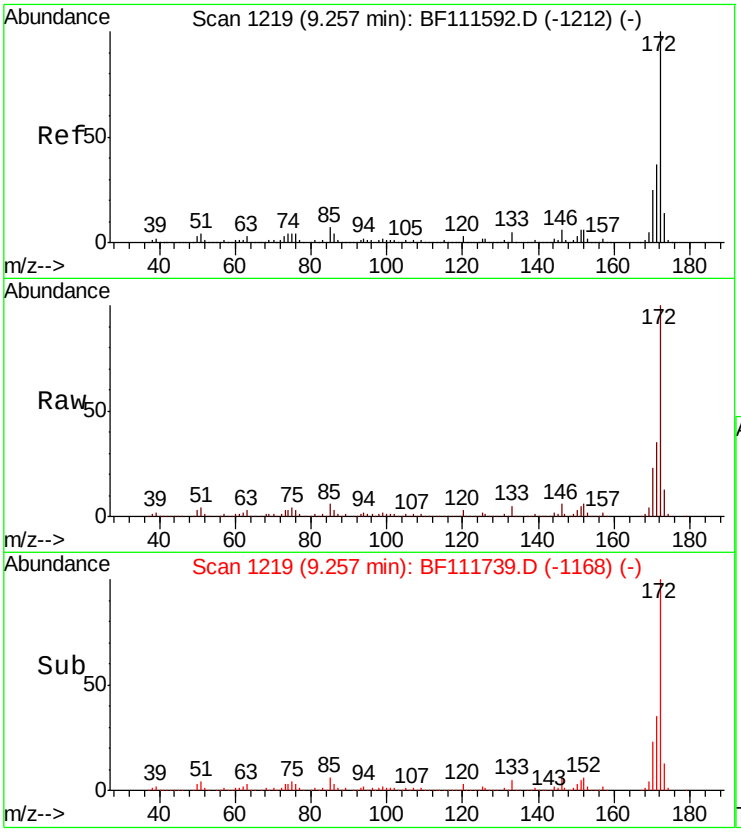


#42
2,4,6-Tribromophenol
Concen: 50.369 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:330 Resp: 133629

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	31.4	31.0	46.6



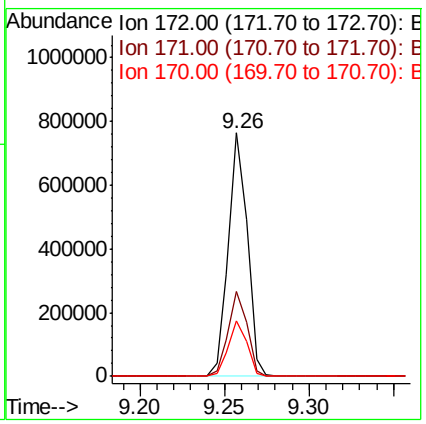


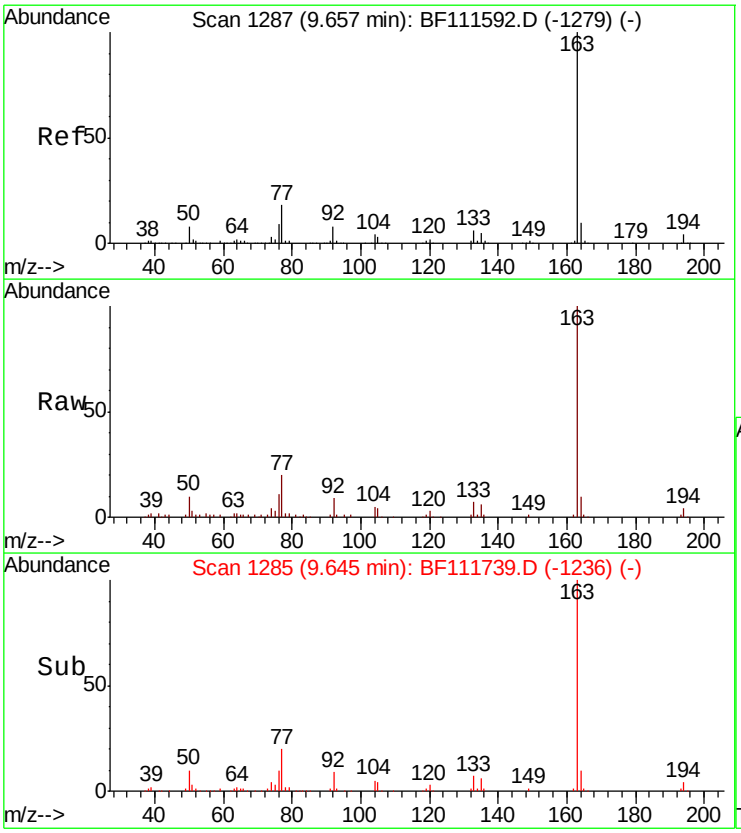
#45
2-Fluorobiphenyl
Concen: 38.527 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:172 Resp: 593494

Ion	Ratio	Lower	Upper
172	100		
171	34.8	33.0	49.4
170	22.8	22.3	33.5

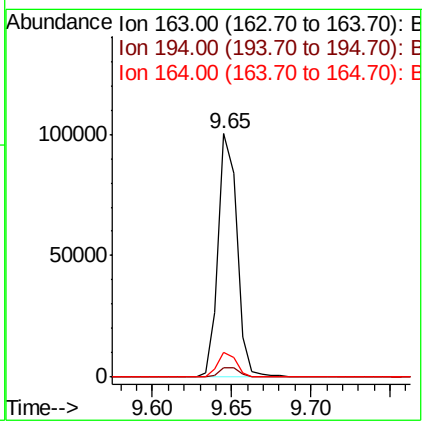


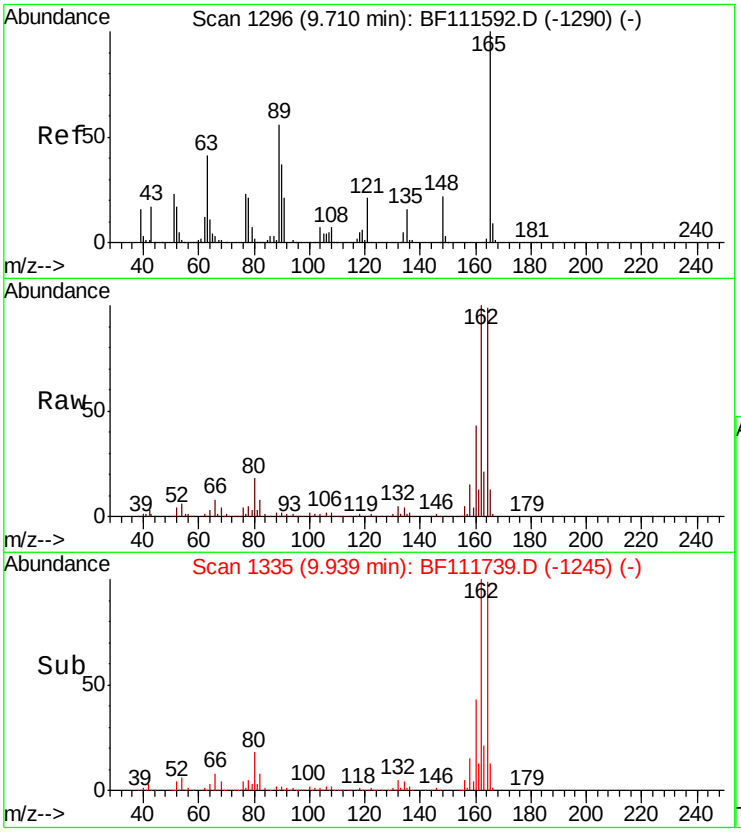


#50
Dimethylphthalate
Concen: 5.057 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:163 Resp: 83037

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.3	8.9	13.3



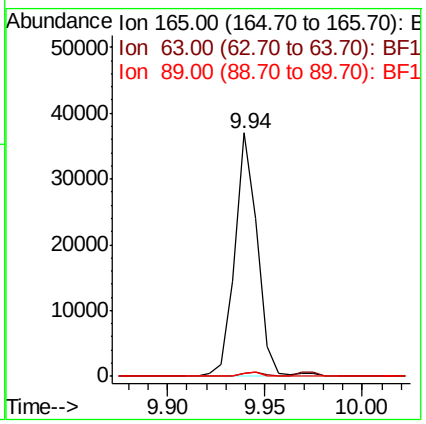


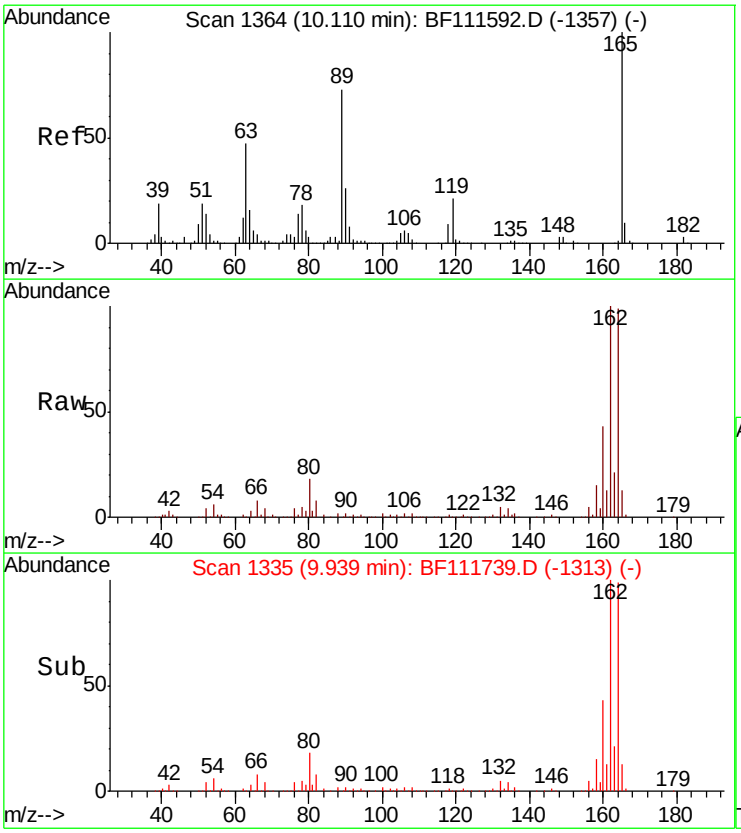
#51
2,6-Dinitrotoluene
Concen: 9.055 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:165 Resp: 29645

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.3	40.0	60.0#

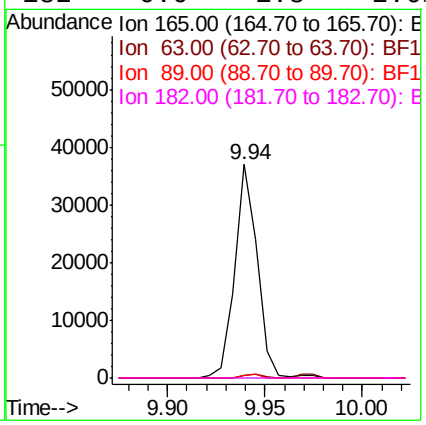


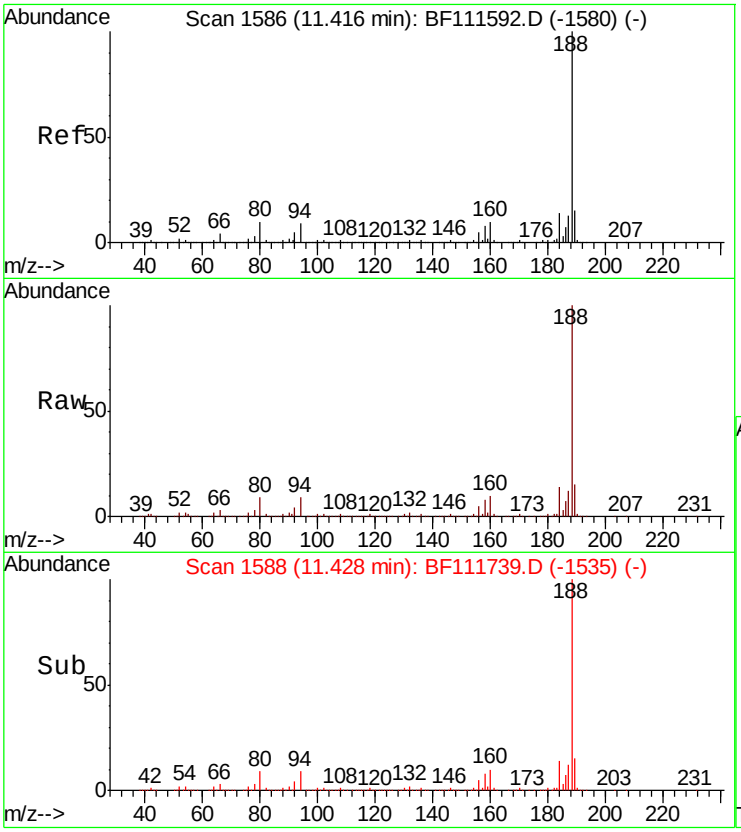


#57
2,4-Dinitrotoluene
Concen: 7.534 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:165 Resp: 29645

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



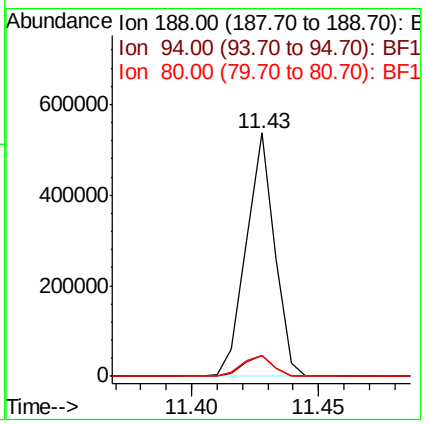


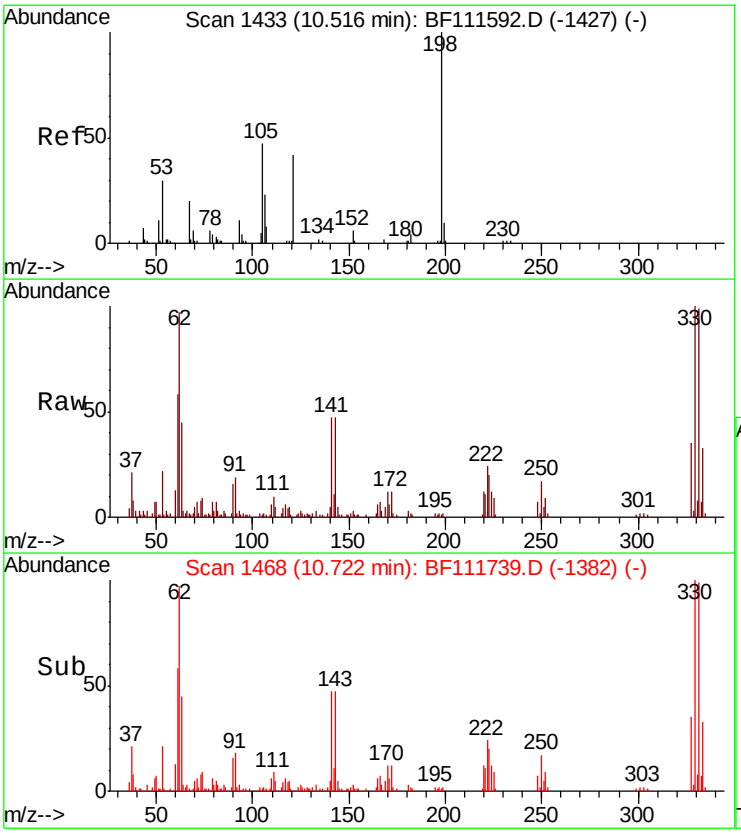
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:188 Resp: 421454

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.6	14.4#
80	8.7	9.8	14.6#

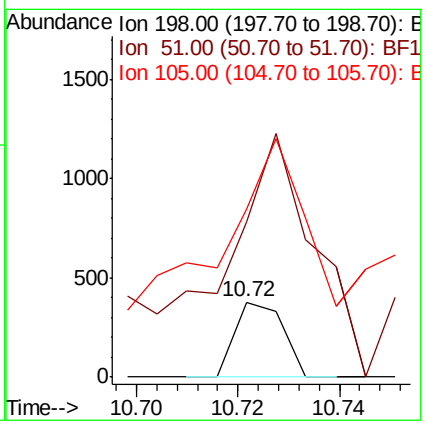


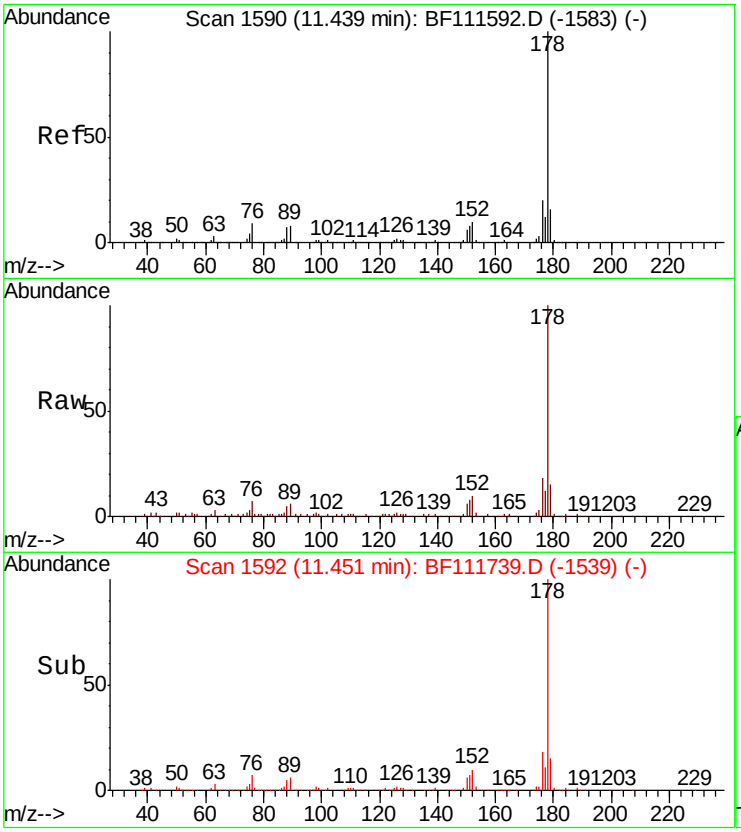


#65
4,6-Dinitro-2-methylphenol
Concen: 6.817 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:198 Resp: 251

Ion	Ratio	Lower	Upper
198	100		
51	206.9	48.0	88.0#
105	223.5	34.0	74.0#



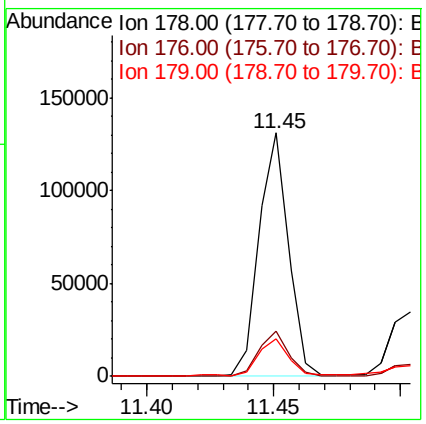


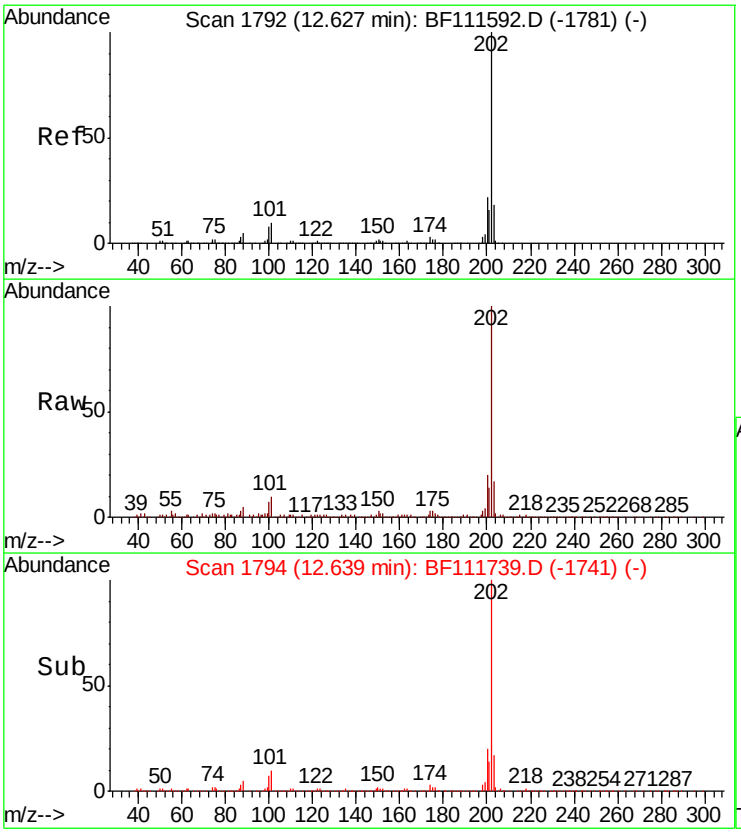
#71
Phenanthrene
Concen: 4.801 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:178 Resp: 107311

Ion	Ratio	Lower	Upper
178	100		
176	18.5	18.1	27.1
179	15.2	14.0	21.0

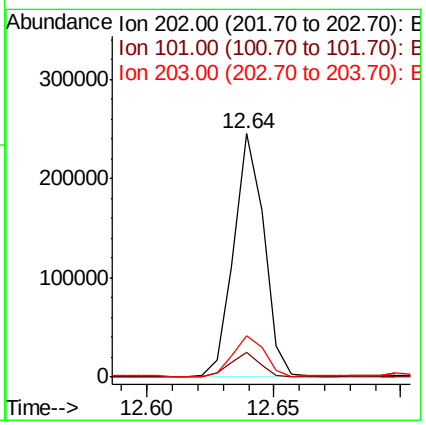


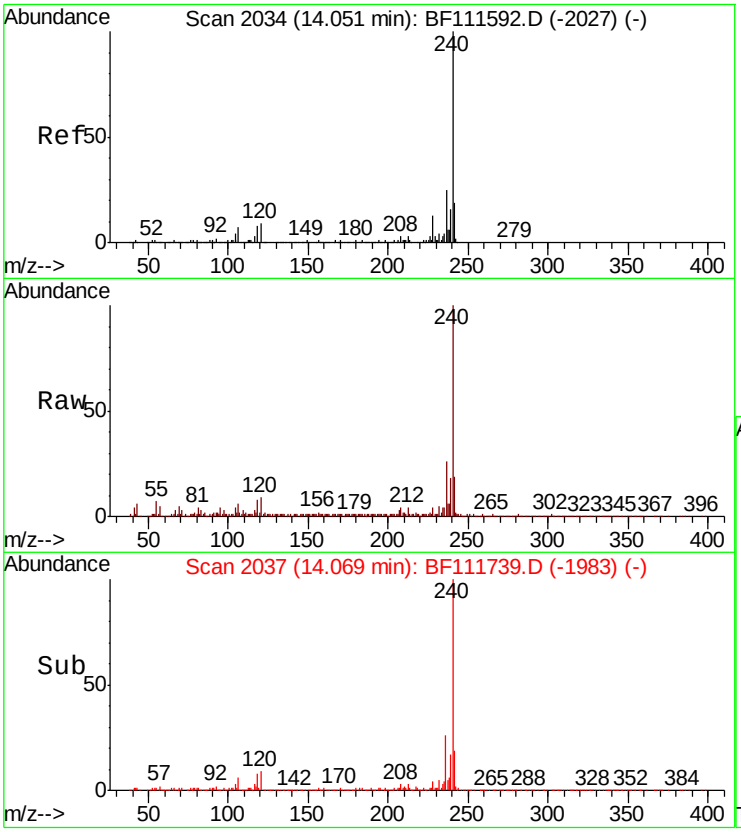


#75
Fluoranthene
Concen: 8.953 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:202 Resp: 202645

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.8
203	17.1	0.0	38.6



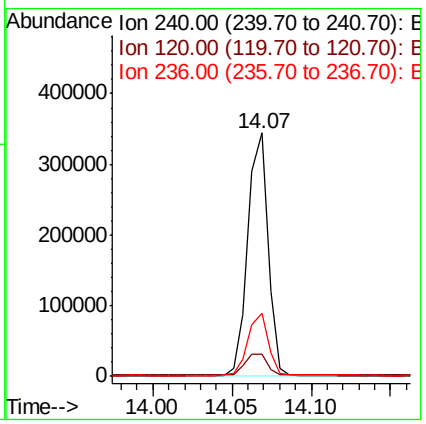


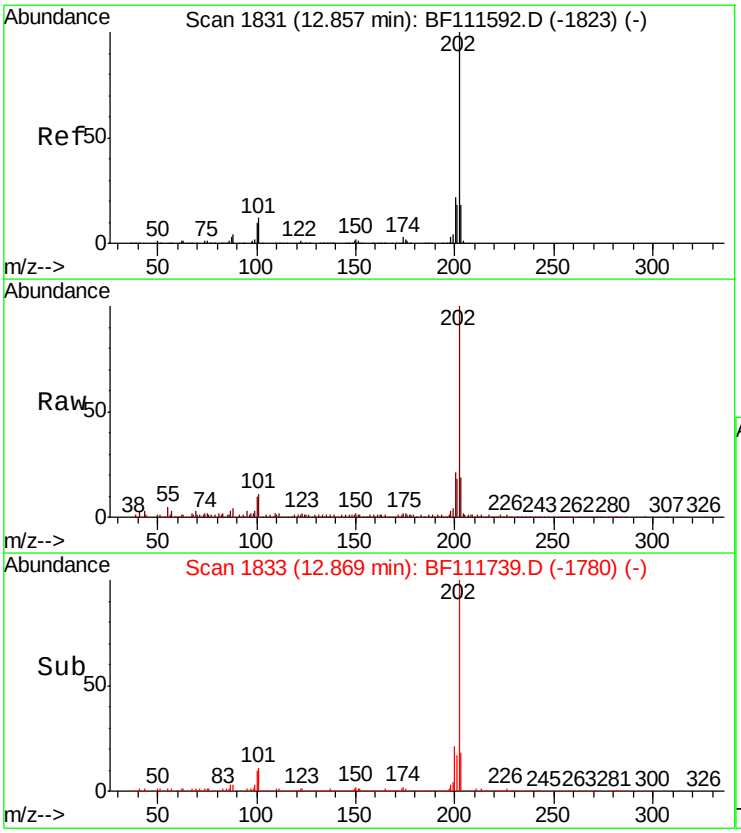
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:240 Resp: 304131

Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.2	18.2#
236	26.1	20.2	30.2

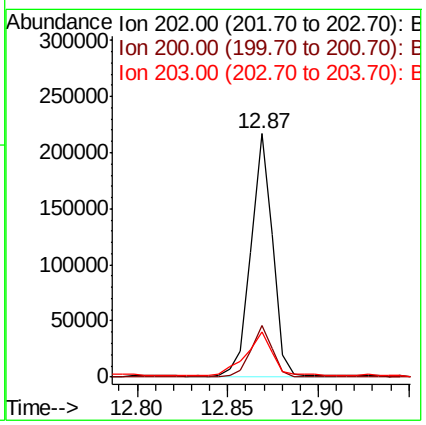


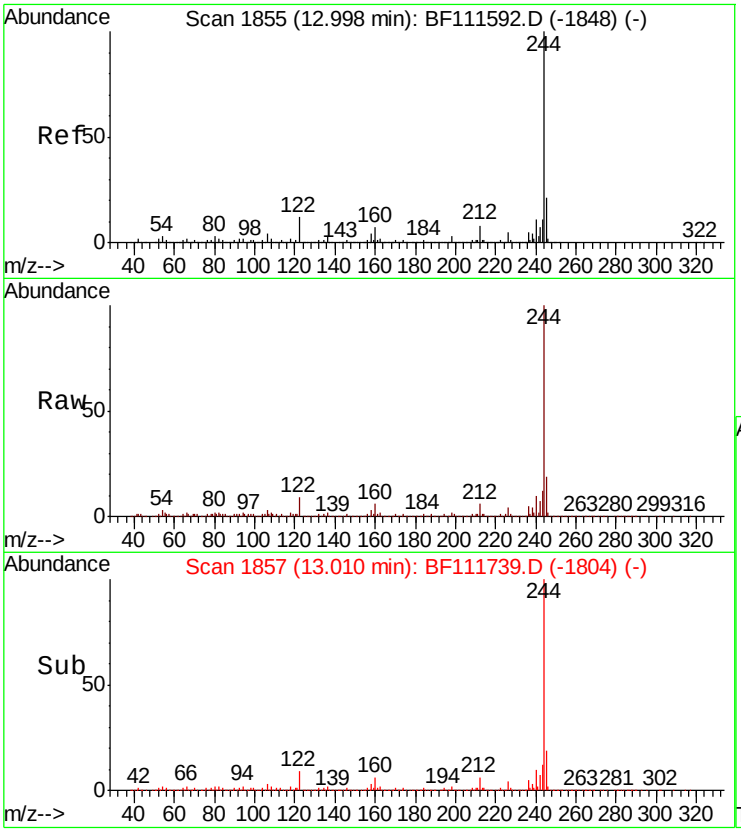


#78
Pyrene
Concen: 8.353 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:202 Resp: 179390

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	18.5	15.2	22.8



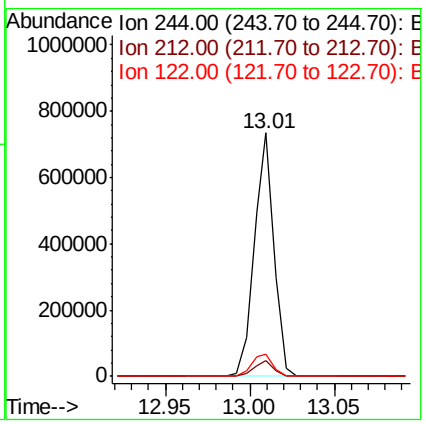


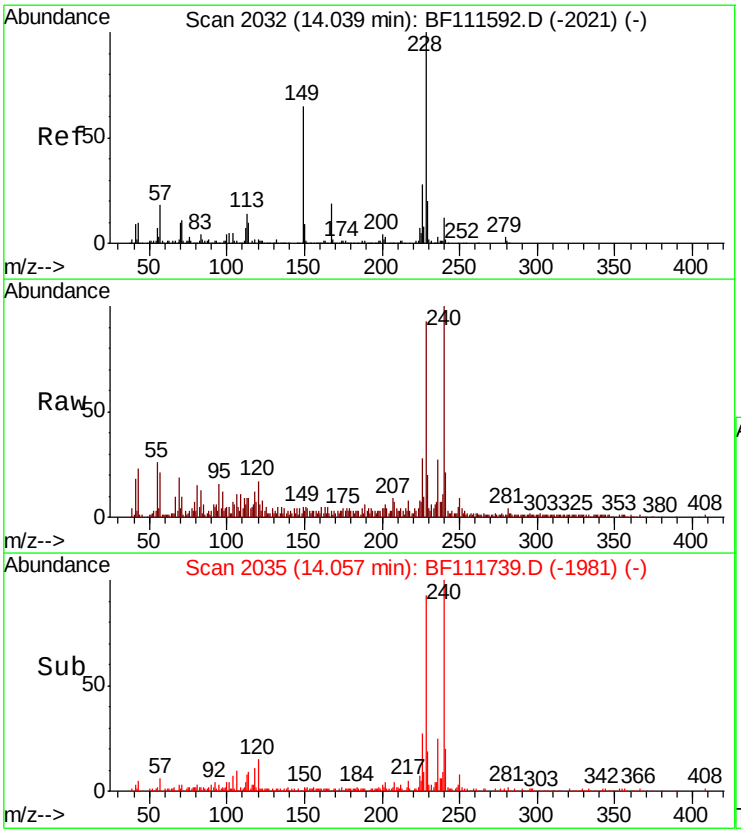
#79
Terphenyl-d14
Concen: 37.143 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:244 Resp: 595669

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.3	13.1	19.7#

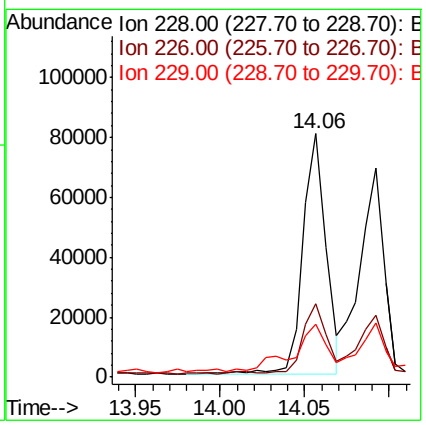


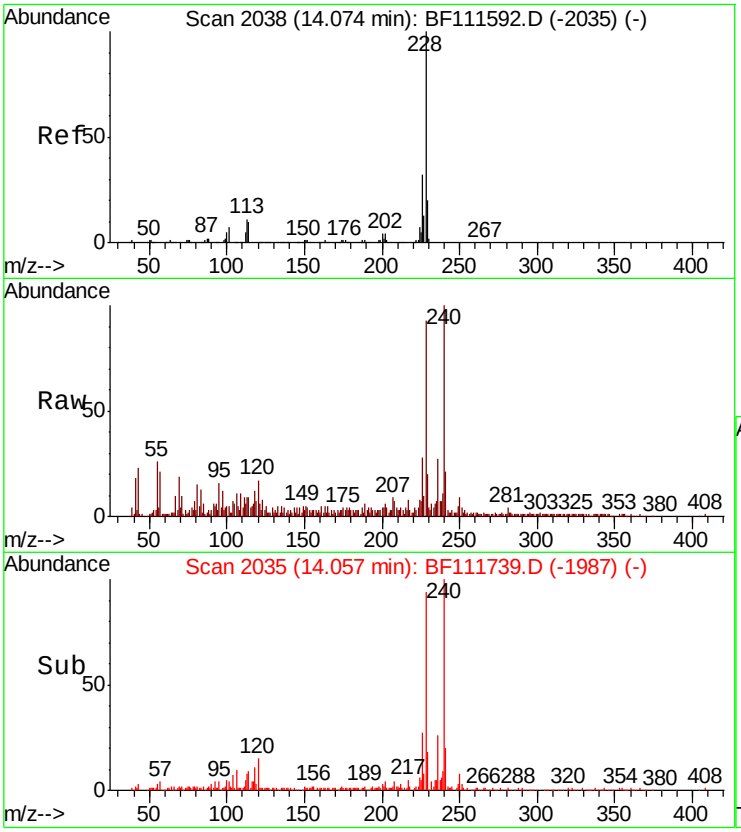


#81
Benzo(a)anthracene
Concen: 4.409 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:228 Resp: 76528

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	21.6	16.3	24.5



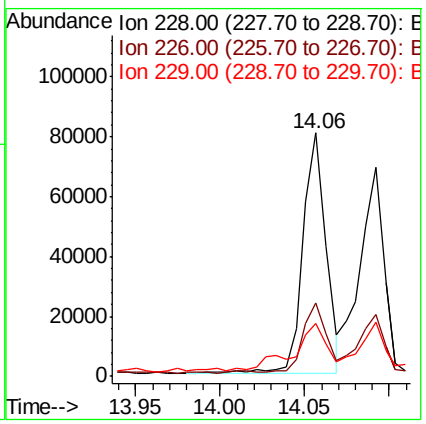


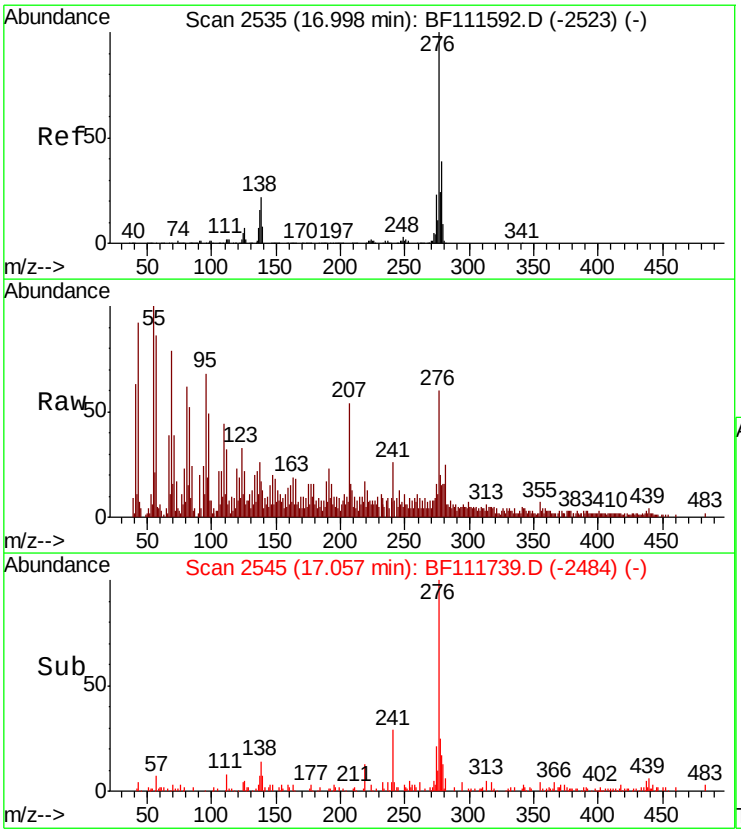
#83
Chrysene
Concen: 4.486 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:228 Resp: 76528

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.3	37.9
229	21.6	17.2	25.8

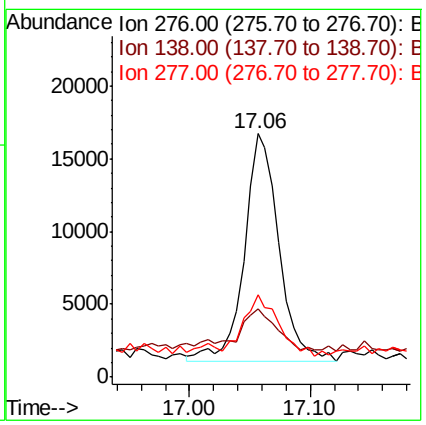


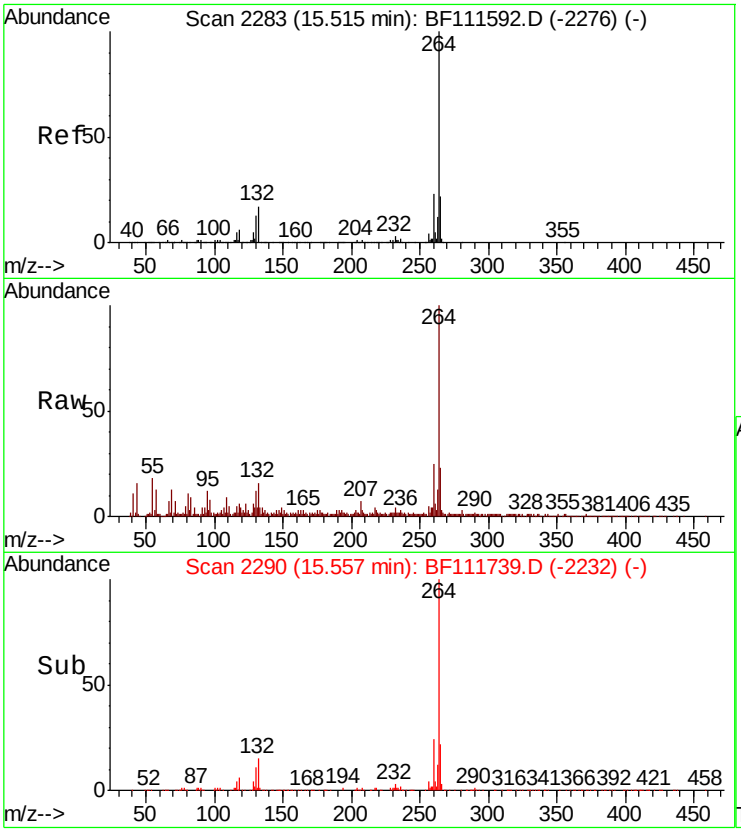


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.159 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.06 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:276 Resp: 31315

Ion	Ratio	Lower	Upper
276	100		
138	18.3	27.8	41.6#
277	25.8	20.1	30.1



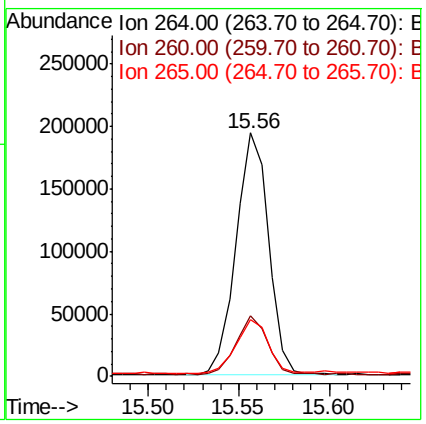


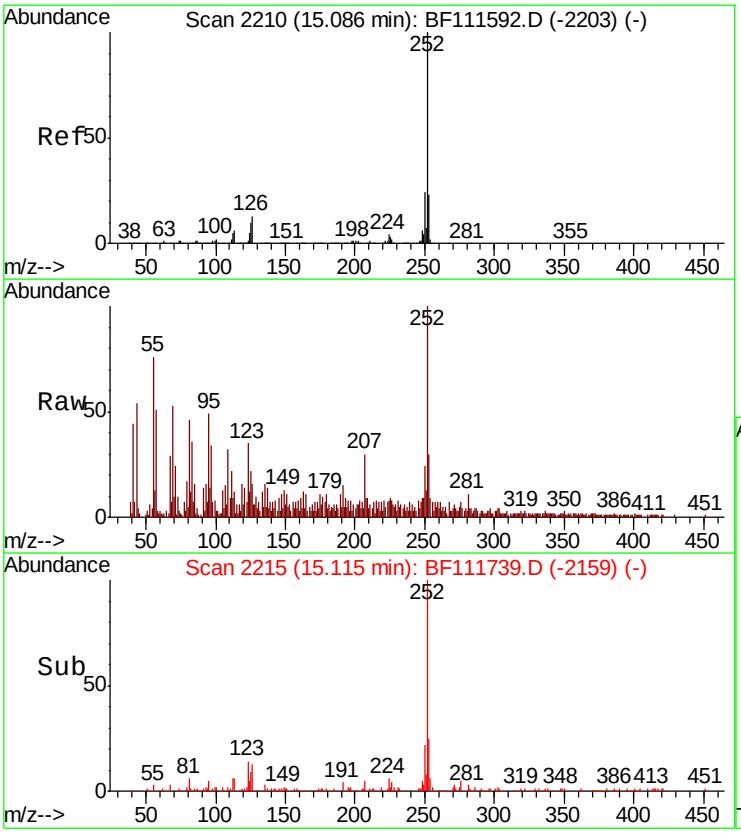
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:264 Resp: 241726

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.3	27.5
265	23.1	17.7	26.5

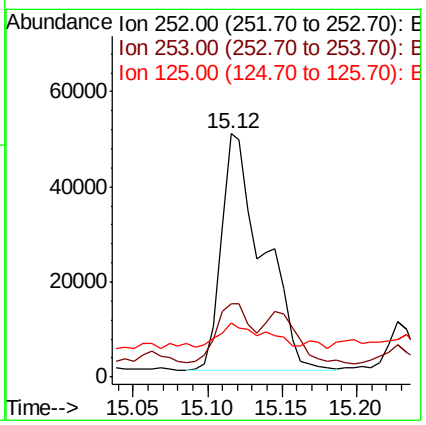


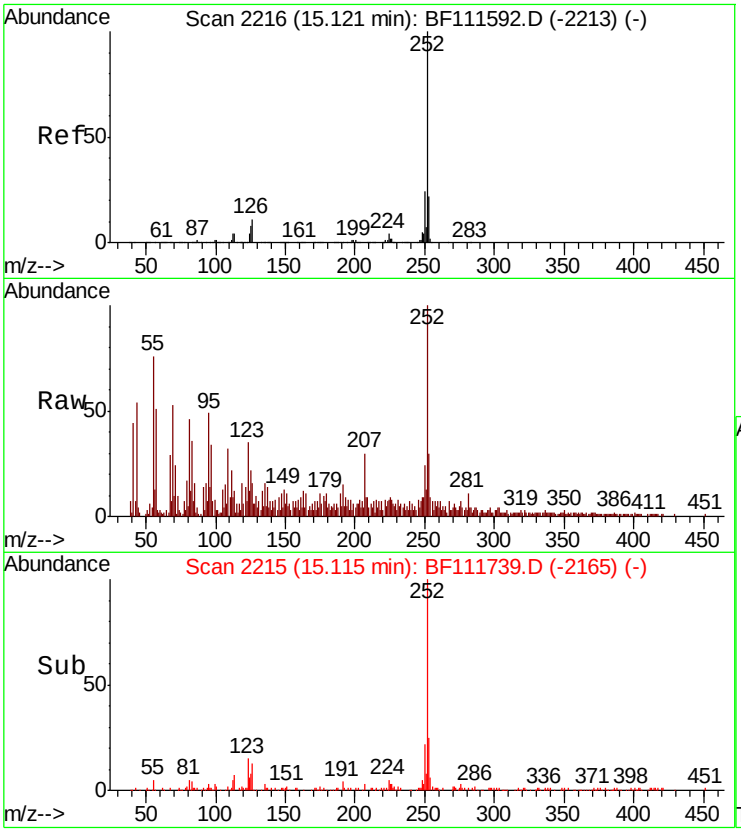


#88
Benzo(b)fluoranthene
Concen: 6.839 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:252 Resp: 96612

Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.2	27.2#
125	22.3	10.4	15.6#



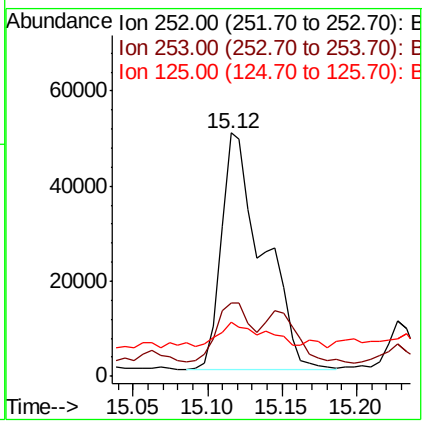


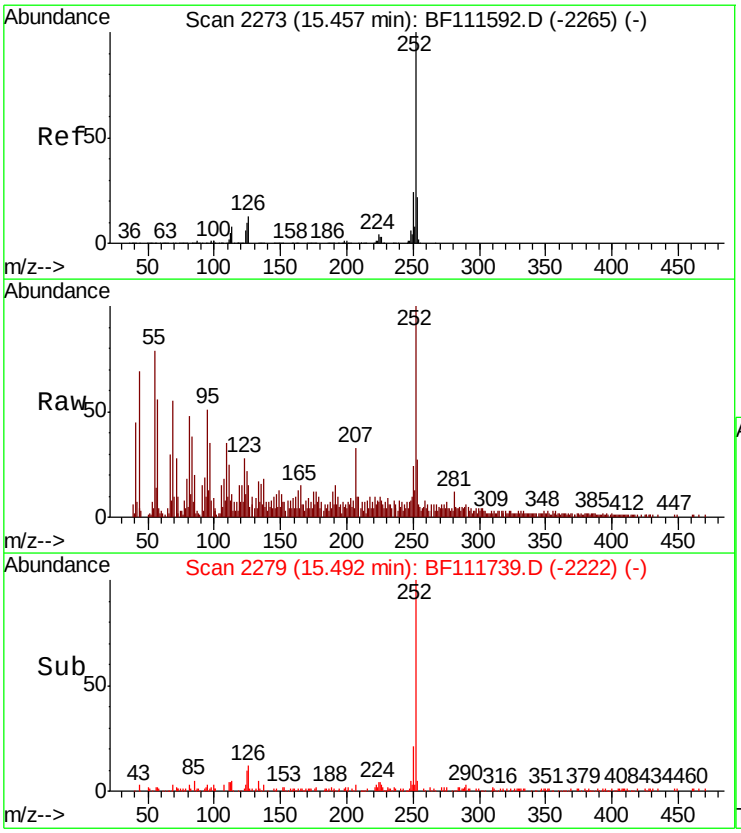
#89
Benzo(k)fluoranthene
Concen: 7.183 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:252 Resp: 96612

Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.1	27.1#
125	22.3	9.8	14.8#

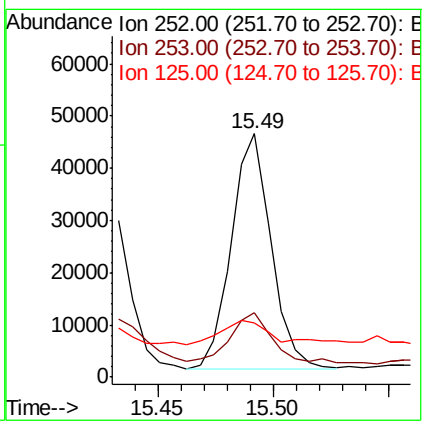


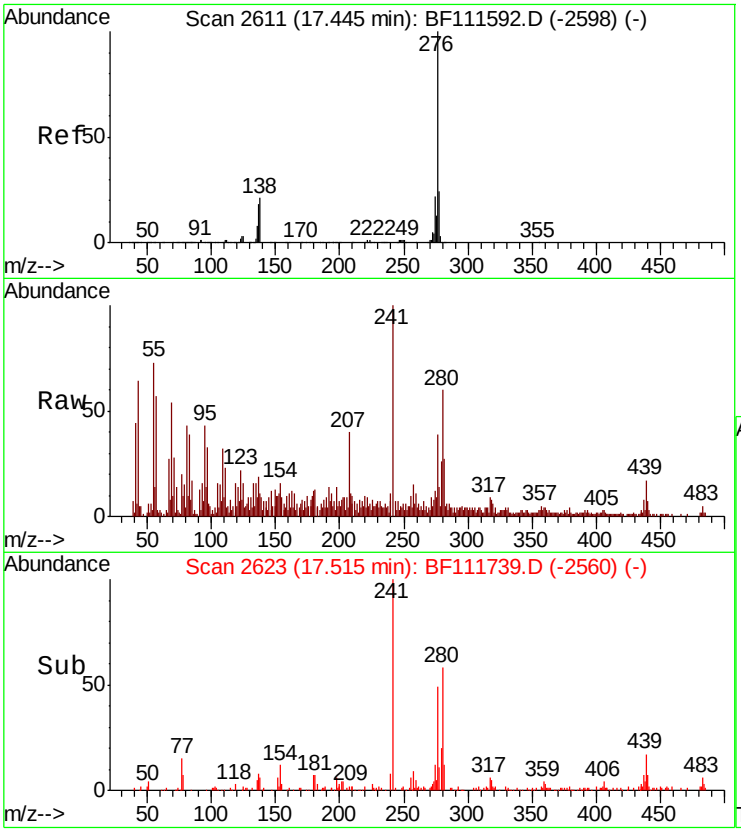


#90
Benzo(a)pyrene
Concen: 4.264 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion:252 Resp: 54727

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	22.2	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 2.711 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.07 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tgt Ion:276 Resp: 29749

Ion	Ratio	Lower	Upper
276	100		
277	35.8	19.2	28.8#
138	29.0	24.9	37.3