Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101262.D
Acq On : 9 Dec 2017 4:47
Operator : SJ/JU
Sample : I6791-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA-1-2-SAMPLE

Quant Time: Dec 11 00:20:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40546	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	147764	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	60602	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	100751	20.00	ng		0.00
75) Chrysene-d12	14.01	240	78547	20.00	ng		0.00
86) Perylene-d12	15.48	264	63411	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	189556	77.25	ng		0.00
7) Phenol-d6	6.47	99	383092	128.60	ng		0.00
23) Nitrobenzene-d5	7.39	82	230391	93.01	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	34136	46.89	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	436486	98.54	ng		0.00
78) Terphenyl-d14	12.95	244	336587	93.73	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	16496	4.980	ng	#	72
49) Dimethylphthalate	9.57	163	36926	7.555	ng	#	99
70) Phenanthrene	11.38	178	55083	9.928	ng		95
71) Anthracene	11.43	178	13929	2.481	ng		94
74) Fluoranthene	12.57	202	146544	23.827	ng		94
77) Pyrene	12.80	202	147413	27.198	ng		99
80) Benzo(a)anthracene	14.00	228	82597	16.655	ng		98
82) Chrysene	14.03	228	76240m	16.553	ng		
85) Indeno(1,2,3-cd)pyrene	16.96	276	32751	7.998	ng	#	89
87) Benzo(b)fluoranthene	15.05	252	78541m	20.679	ng		
88) Benzo(k)fluoranthene	15.07	252	24901m	6.654	ng		
89) Benzo(a)pyrene	15.42	252	55061	15.946	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	8981	2.950	ng	#	83
91) Benzo(g,h,i)perylene	17.42	276	33674	11.738	ng		98

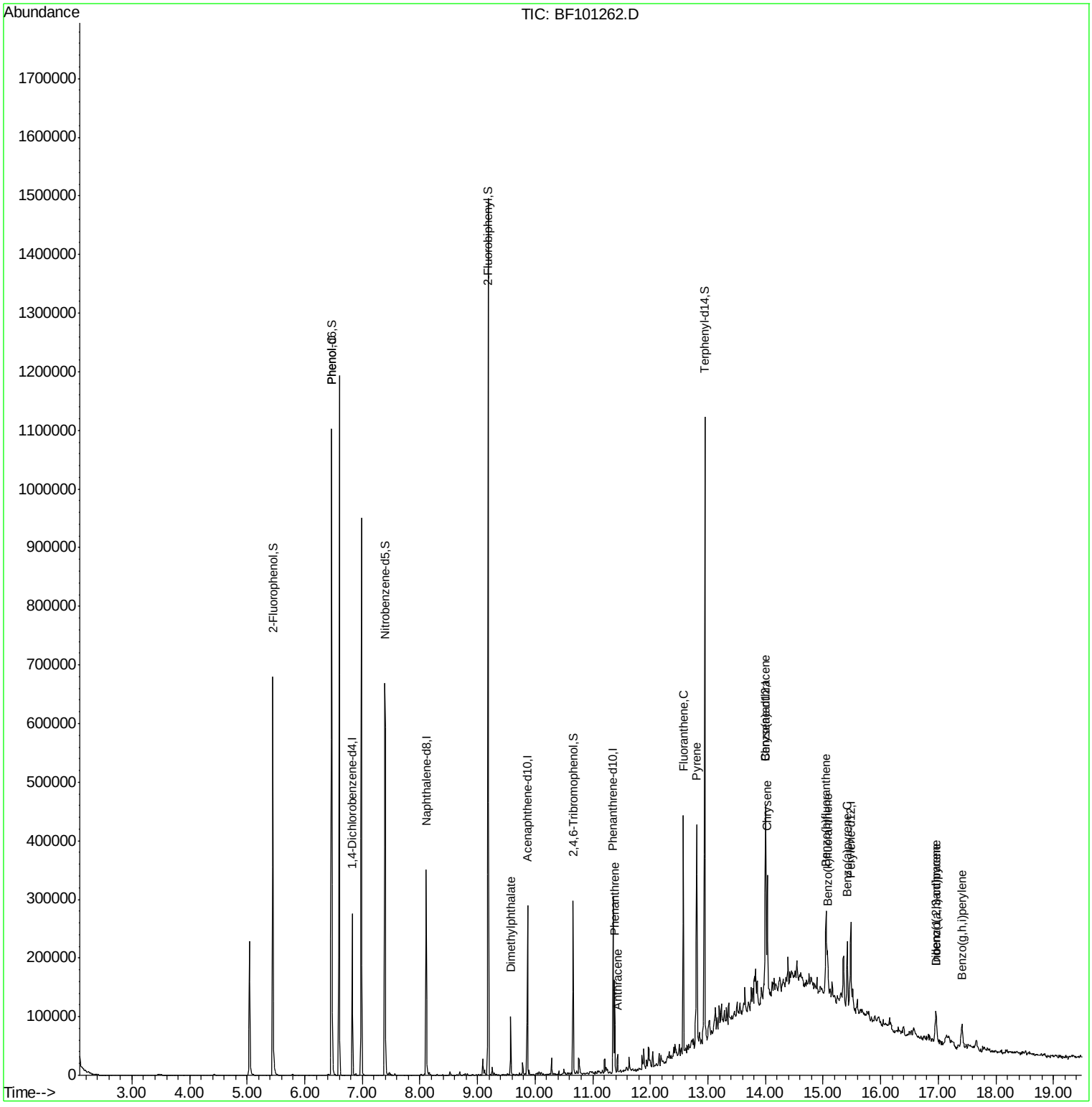
(#) = qualifier out of range (m) = manual integration (+) = signals summed

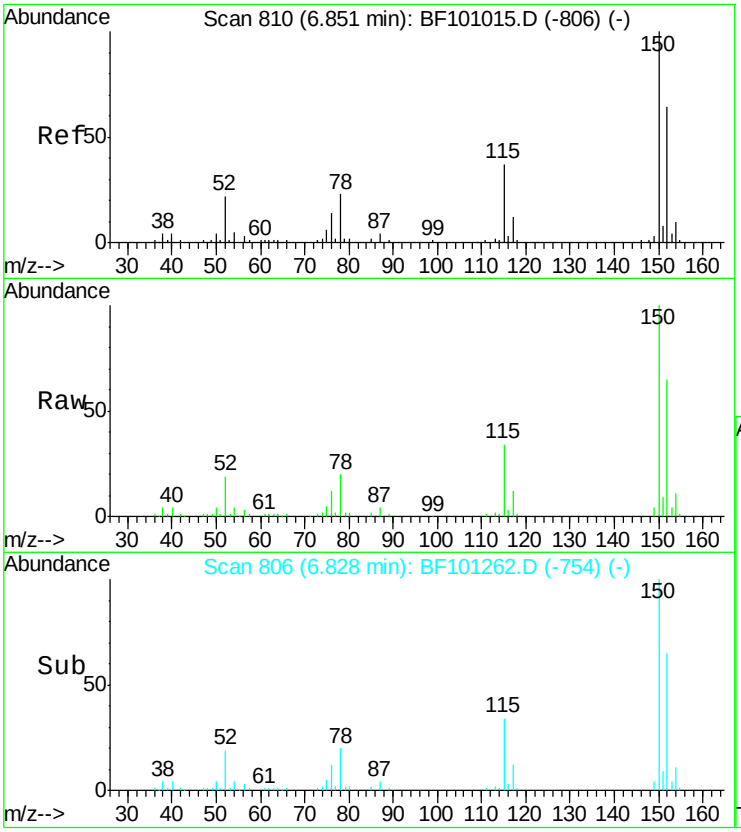
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101262.D
Acq On : 9 Dec 2017 4:47
Operator : SJ/JU
Sample : I6791-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Quant Time: Dec 11 00:20:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



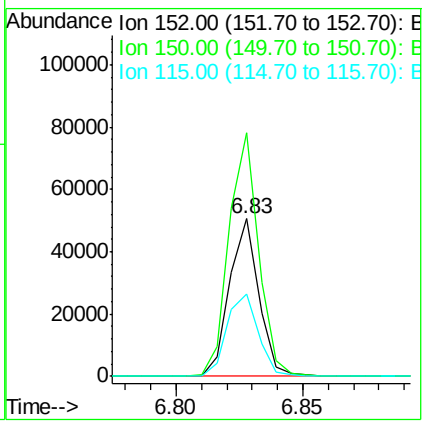


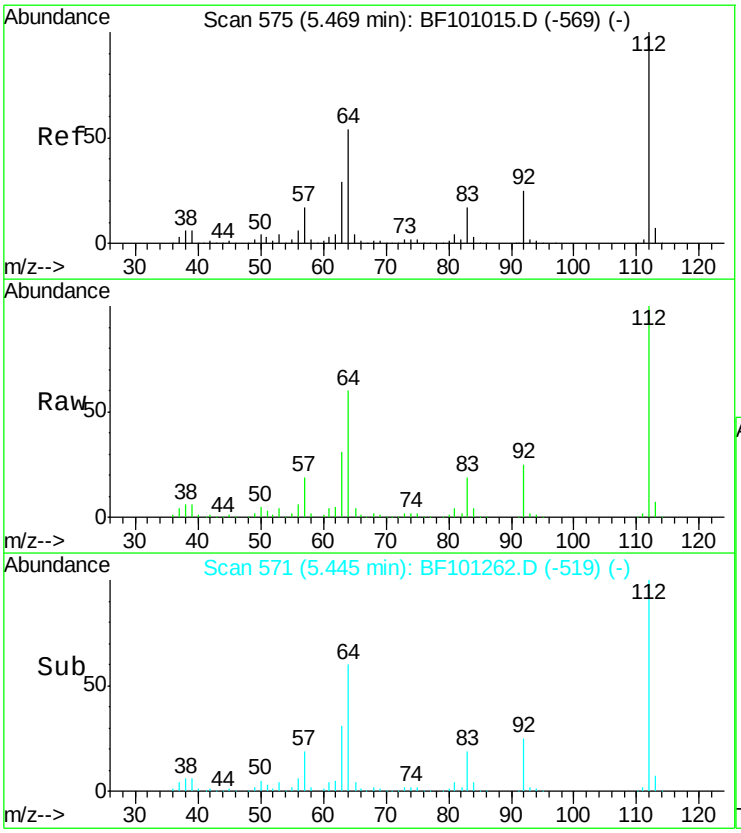
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:152 Resp: 40546

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	52.6	50.1	75.1

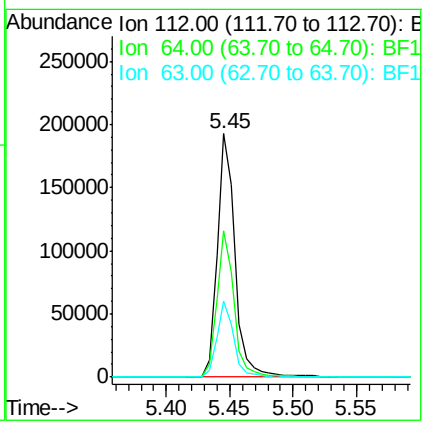


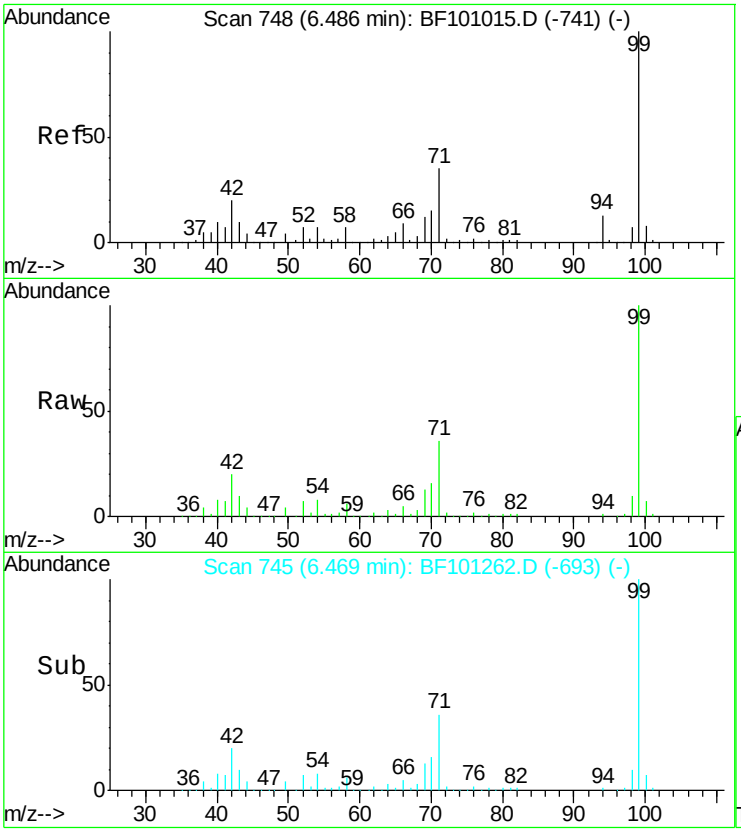


#5
2-Fluorophenol
Concen: 77.253 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:112 Resp: 189556

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	31.4	23.7	35.5



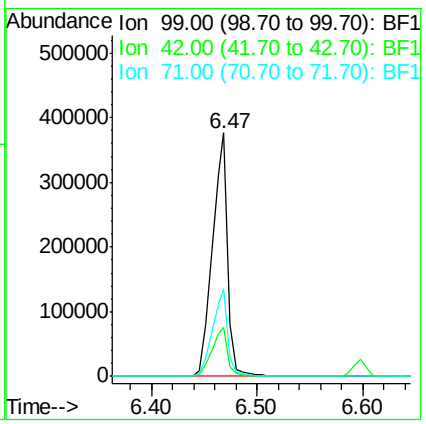


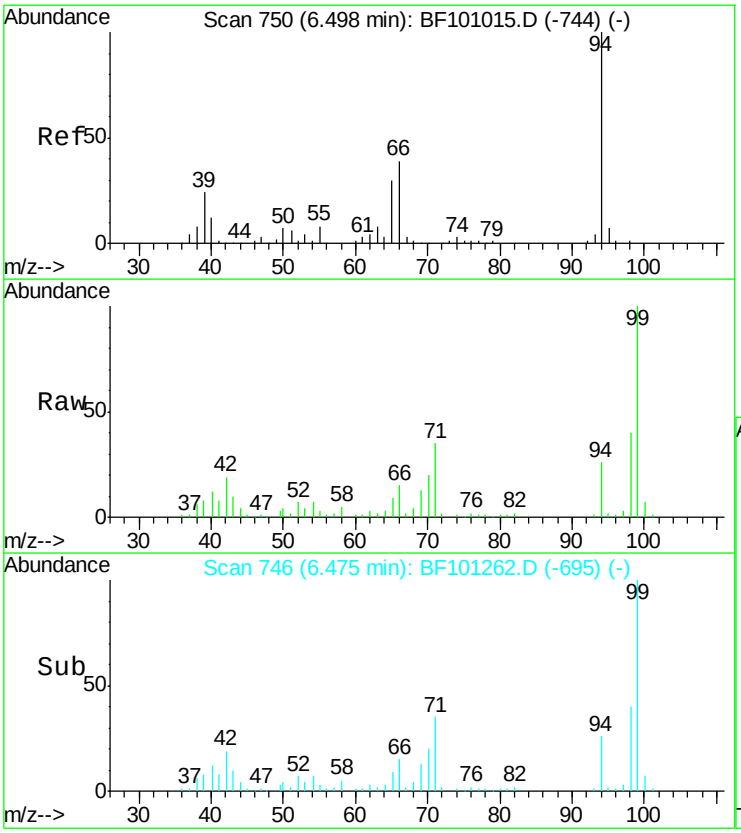
#7
Phenol-d6
Concen: 128.596 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion: 99 Resp: 383092

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.7	25.4	38.0

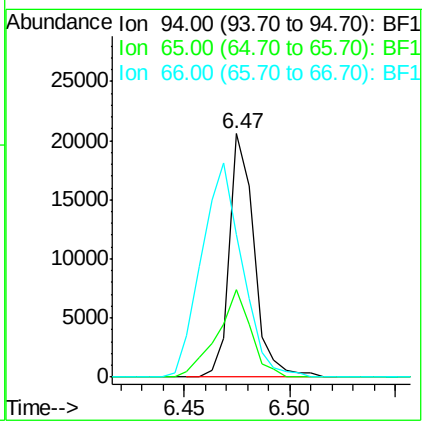


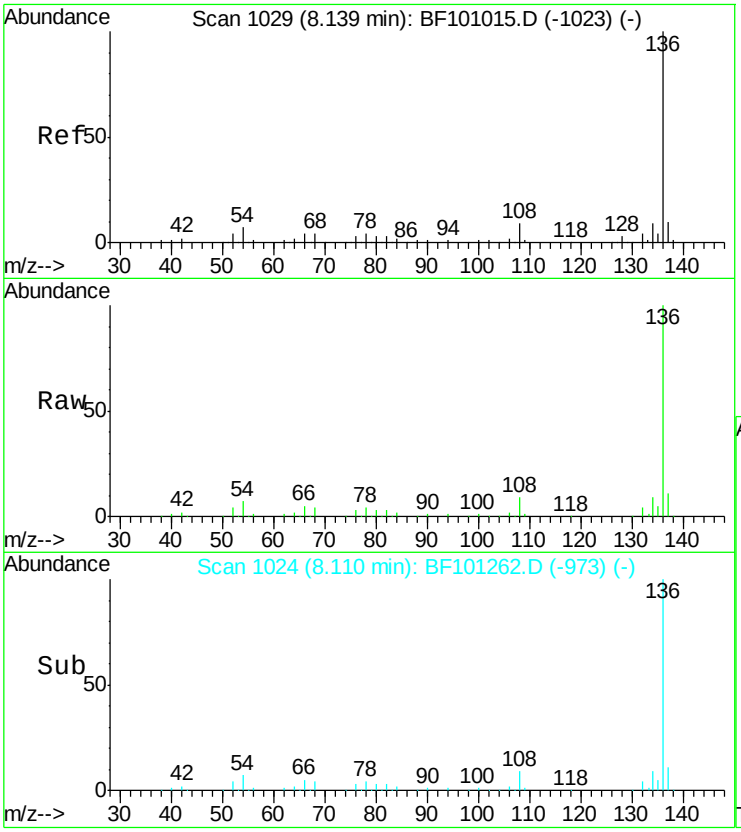


#10
Phenol
Concen: 4.980 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion: 94 Resp: 16496

Ion	Ratio	Lower	Upper
94	100		
65	36.1	7.9	47.9
66	58.7	16.2	56.2#



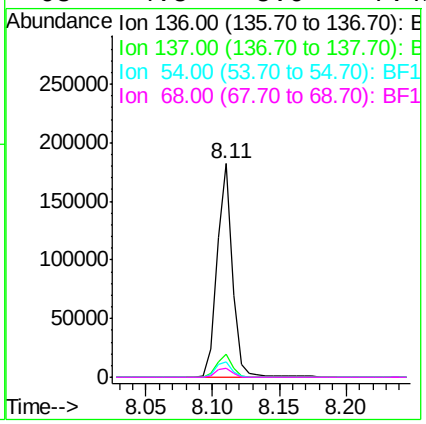


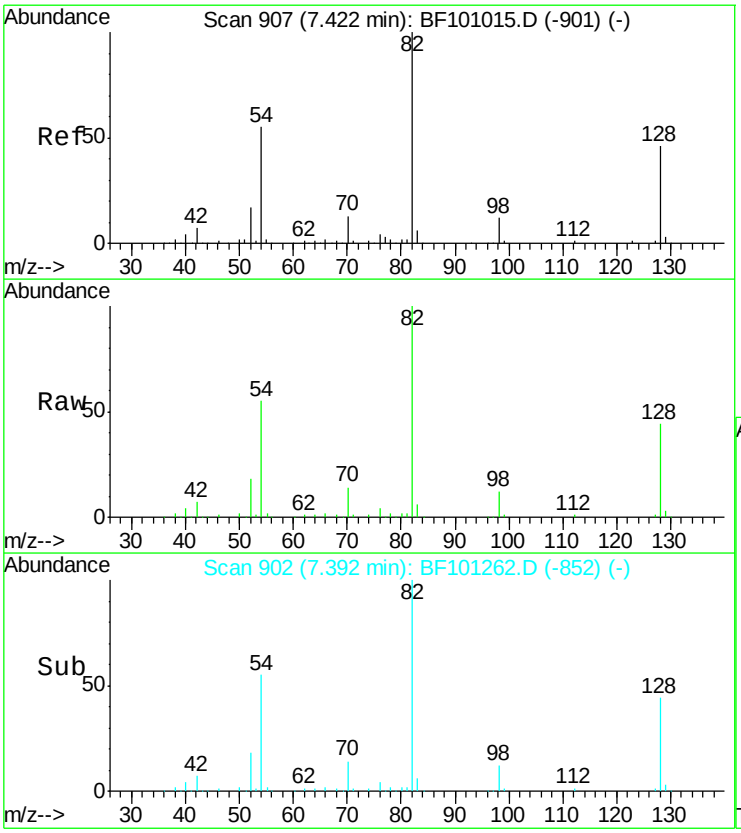
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:136 Resp: 147764

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	4.5	5.0	7.4#

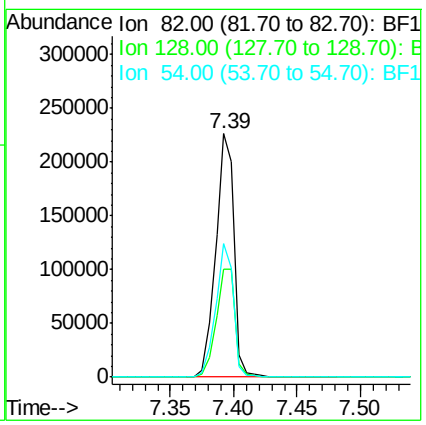


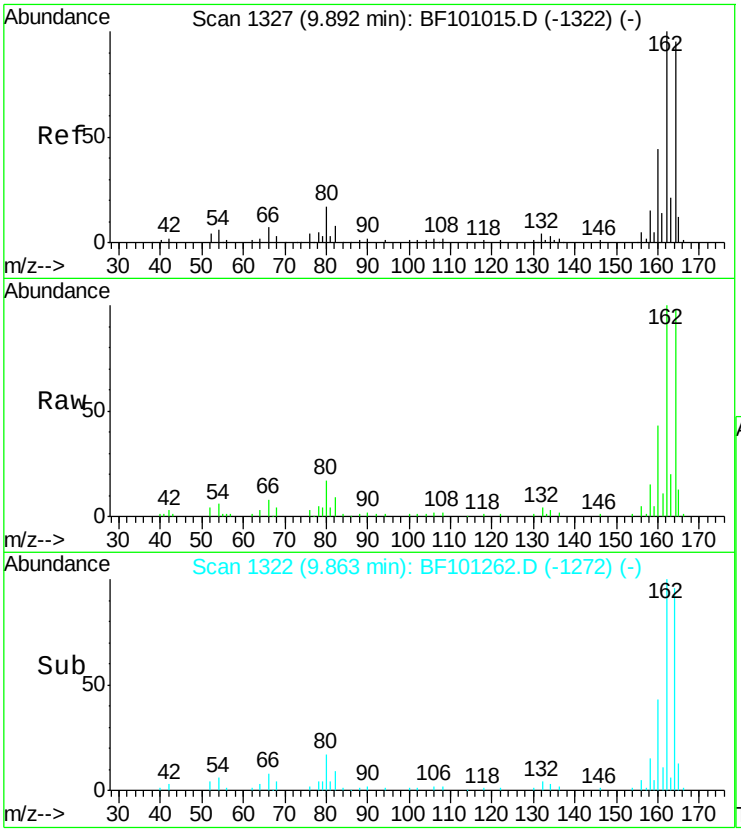


#23
Nitrobenzene-d5
Concen: 93.010 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion: 82 Resp: 230391

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	54.7	41.4	62.2



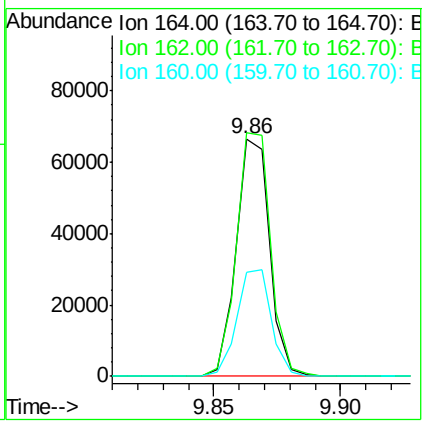


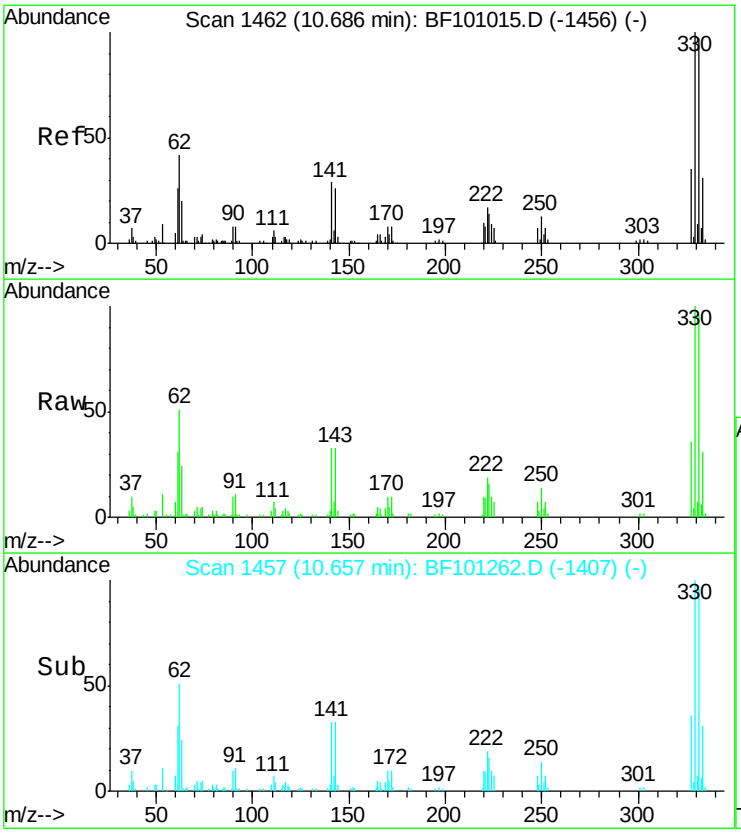
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:164 Resp: 60602

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	43.9	38.3	57.5

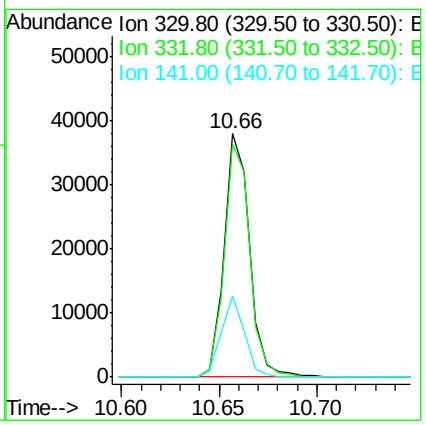


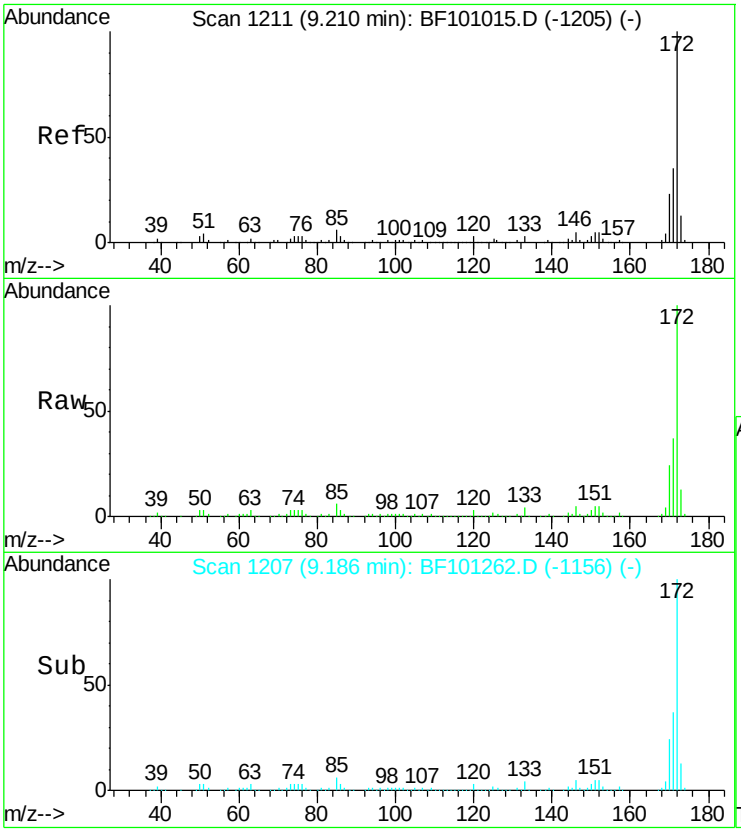


#41
2,4,6-Tribromophenol
Concen: 46.890 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:330 Resp: 34136

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.5	29.9	44.9



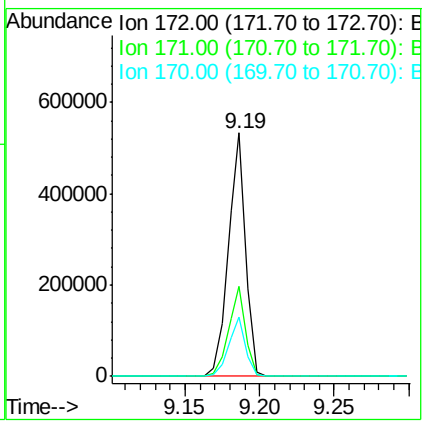


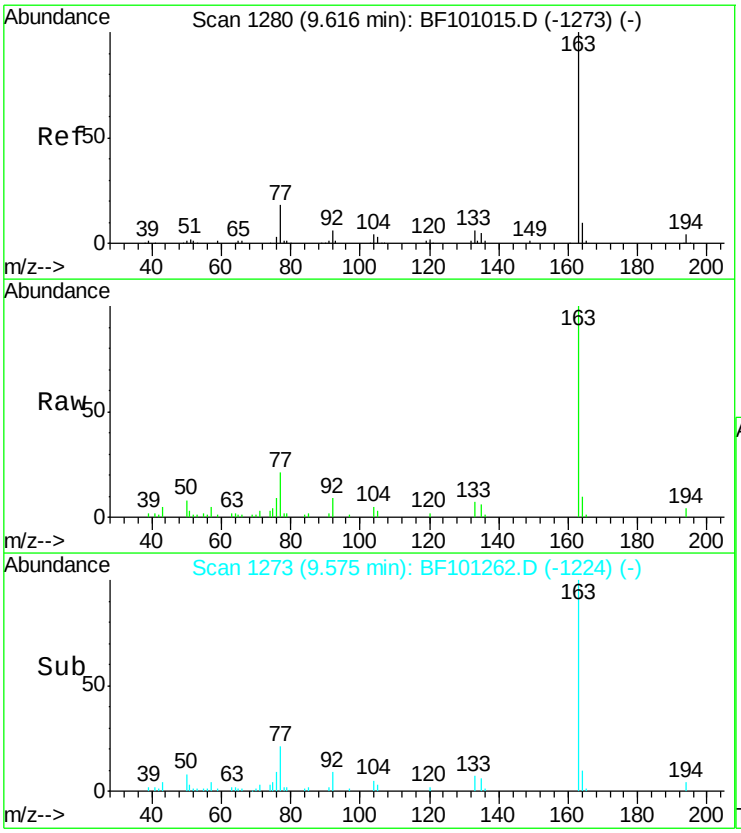
#44
2-Fluorobiphenyl
Concen: 98.545 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:172 Resp: 436486

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4

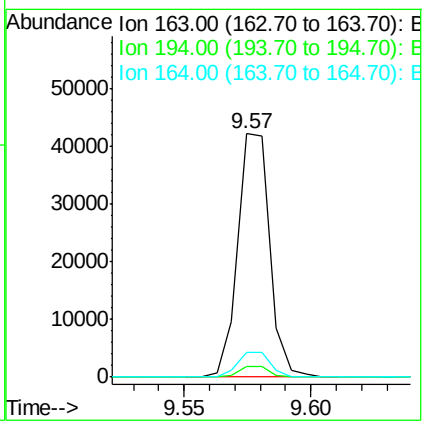


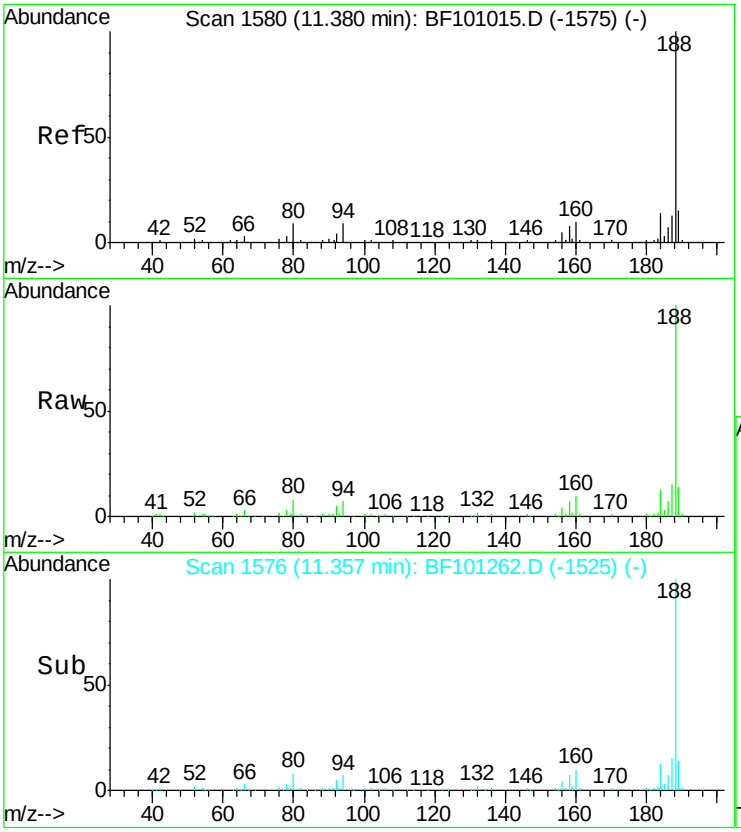


#49
Dimethylphthalate
Concen: 7.555 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:163 Resp: 36926

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.3	8.2	12.2



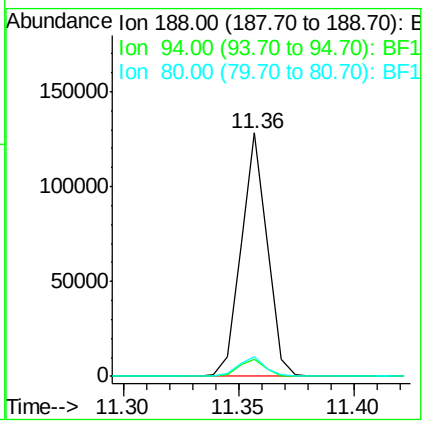


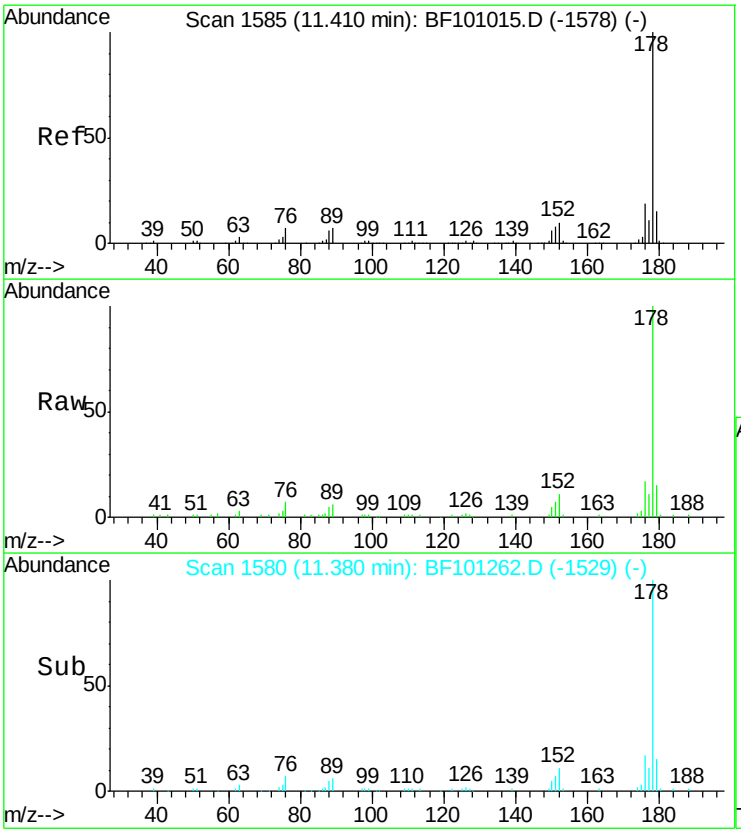
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:188 Resp: 100751

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	8.2	9.2	13.8#

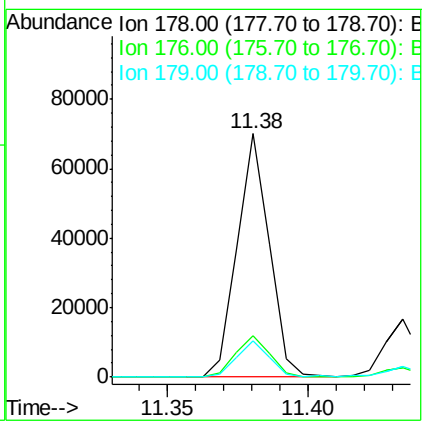


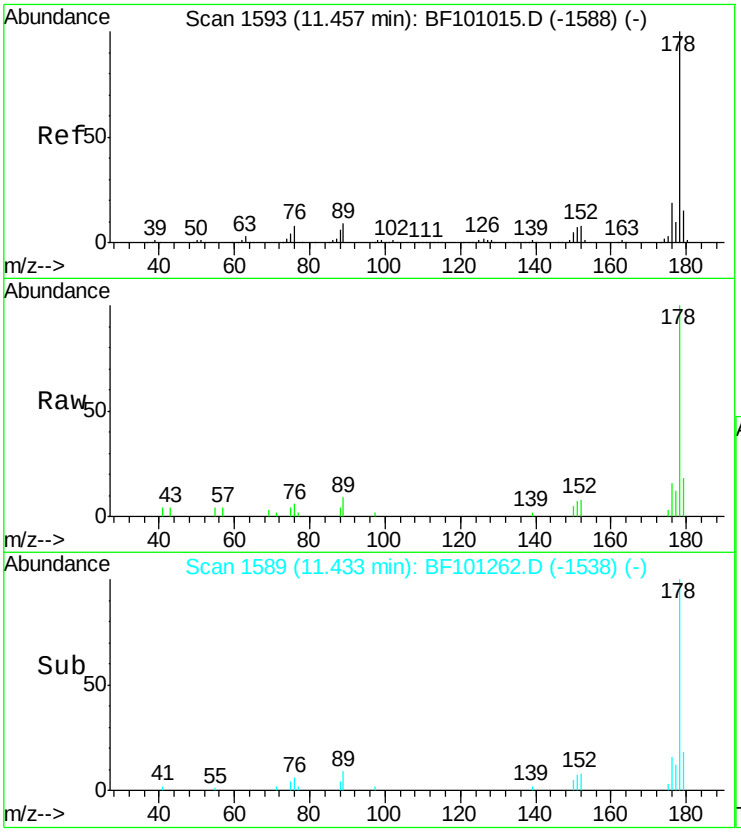


#70
Phenanthrene
Concen: 9.928 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:178 Resp: 55083

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.8	23.8
179	14.9	13.0	19.6



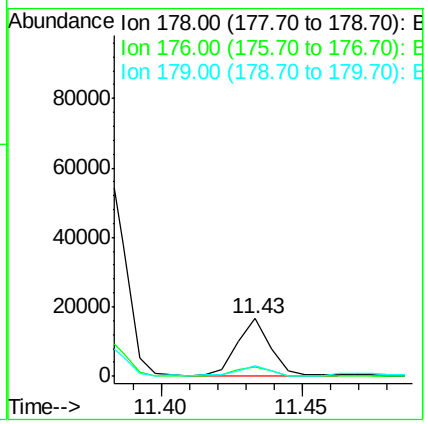


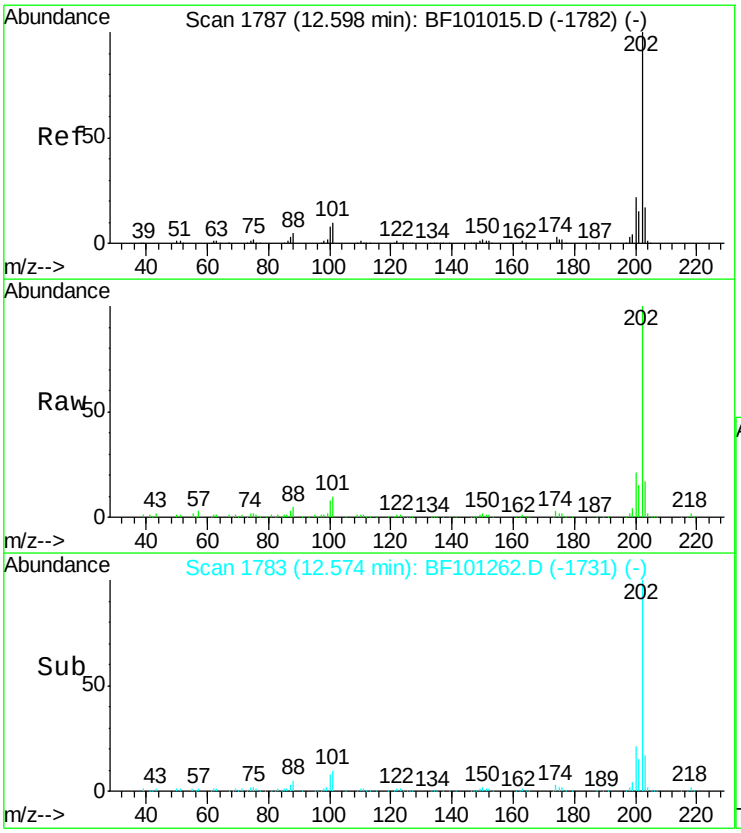
#71
Anthracene
Concen: 2.481 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:178 Resp: 13929

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.4	23.2
179	17.8	12.6	19.0

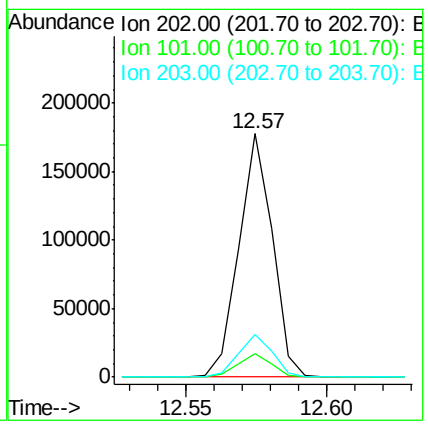


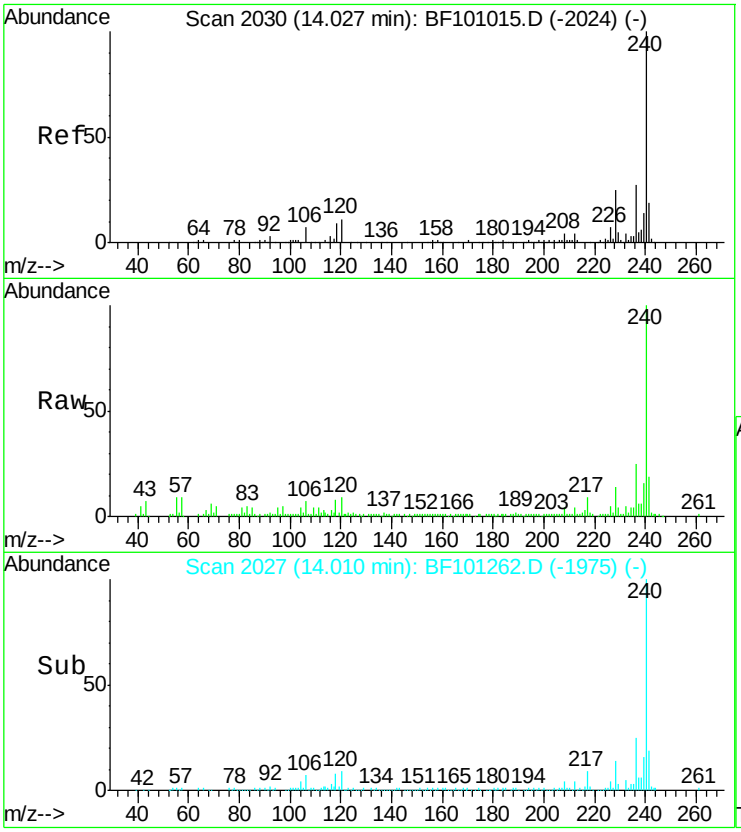


#74
Fluoranthene
Concen: 23.827 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:202 Resp: 146544

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.4	0.0	38.1



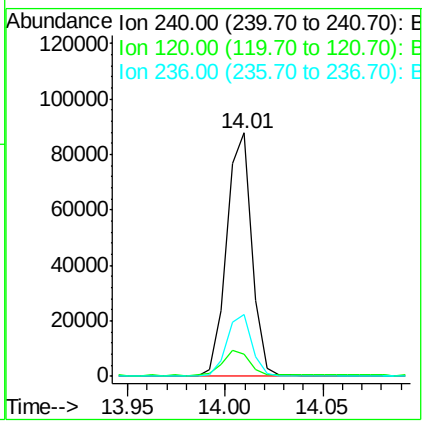


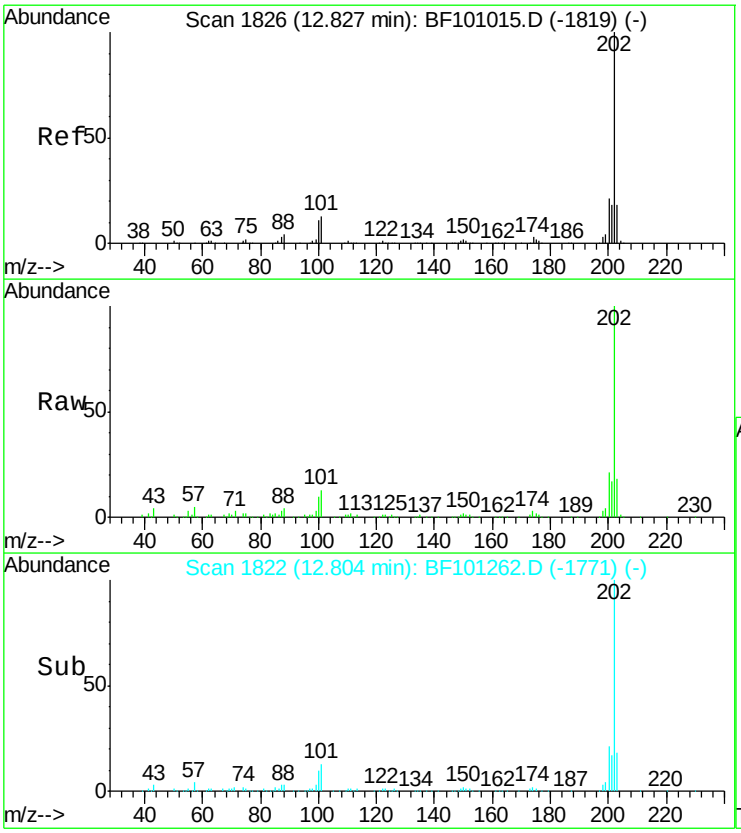
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:240 Resp: 78547

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.2	20.7	31.1

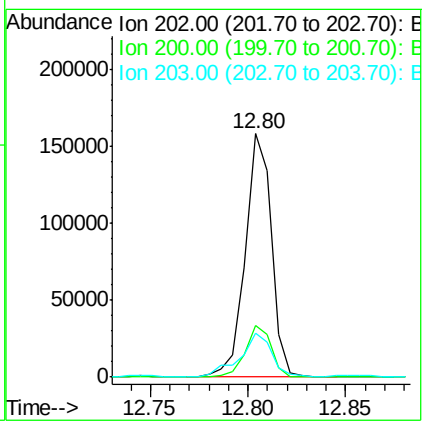


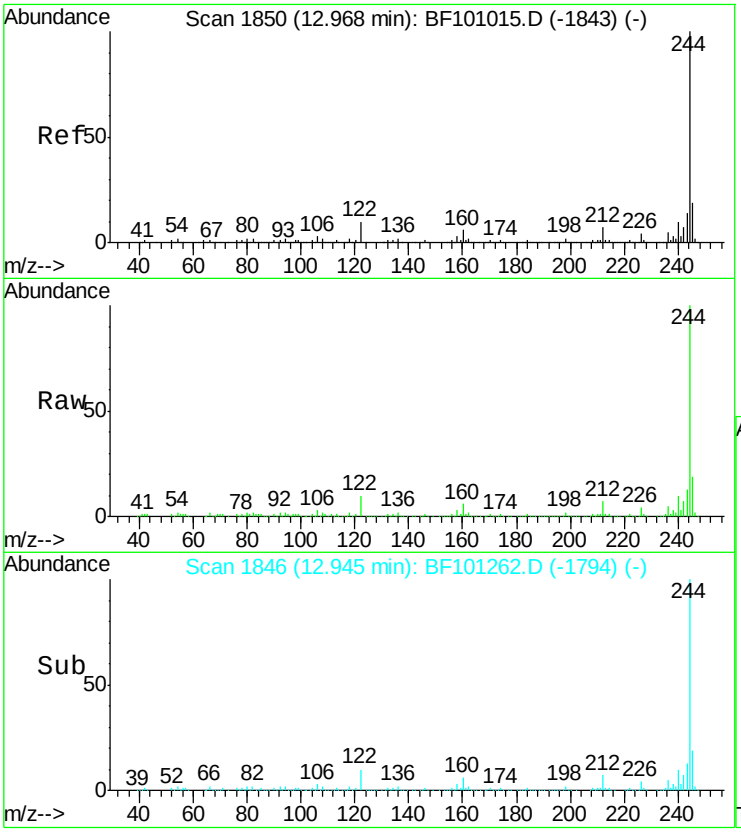


#77
Pyrene
Concen: 27.198 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:202 Resp: 147413

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5



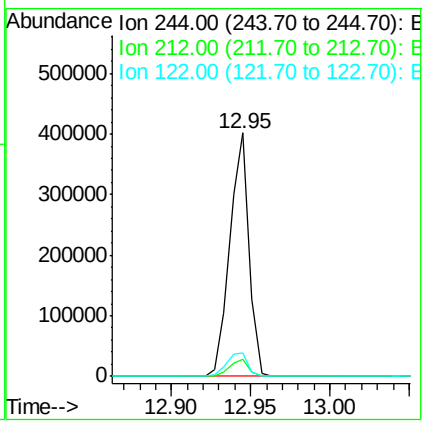


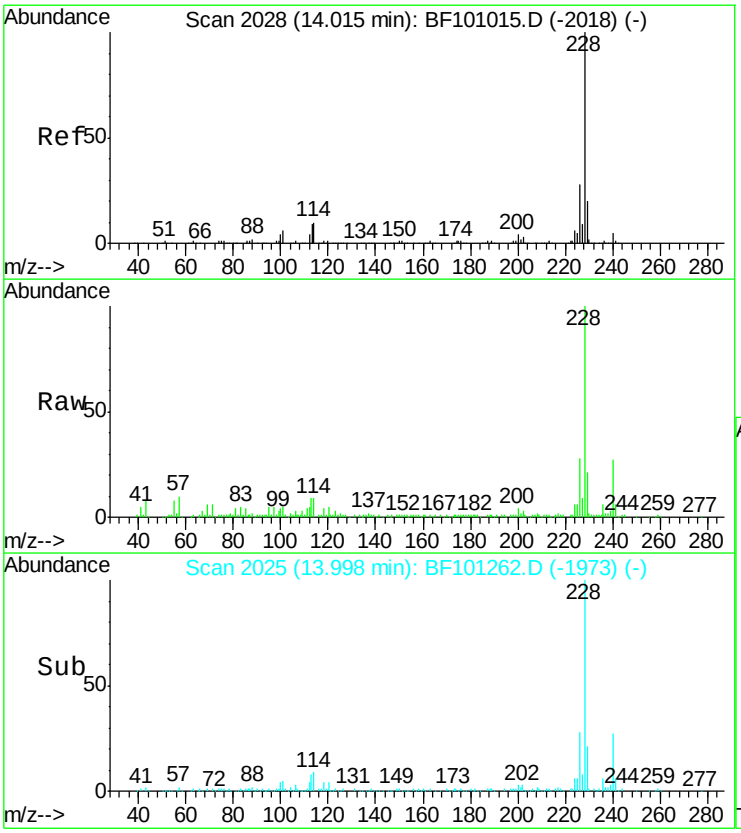
#78
Terphenyl-d14
Concen: 93.728 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:244 Resp: 336587

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.5	11.0	16.4#

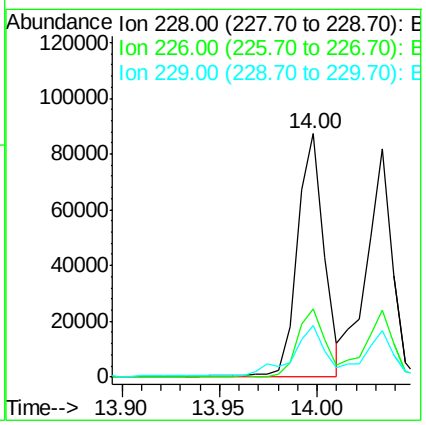


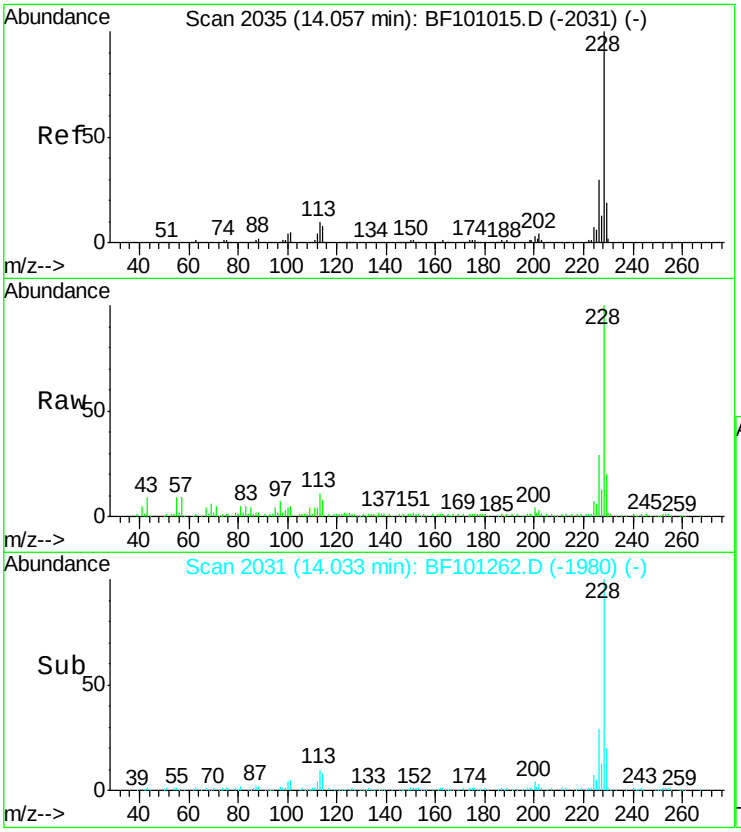


#80
Benzo(a)anthracene
Concen: 16.655 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:228 Resp: 82597

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.4	15.8	23.6



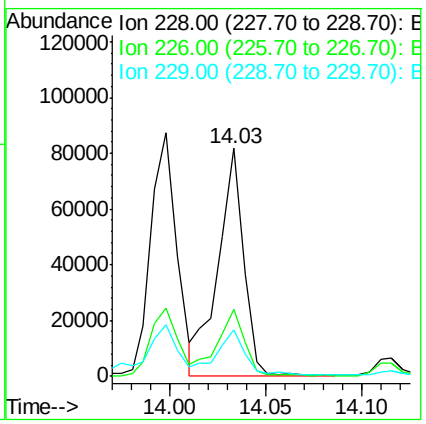


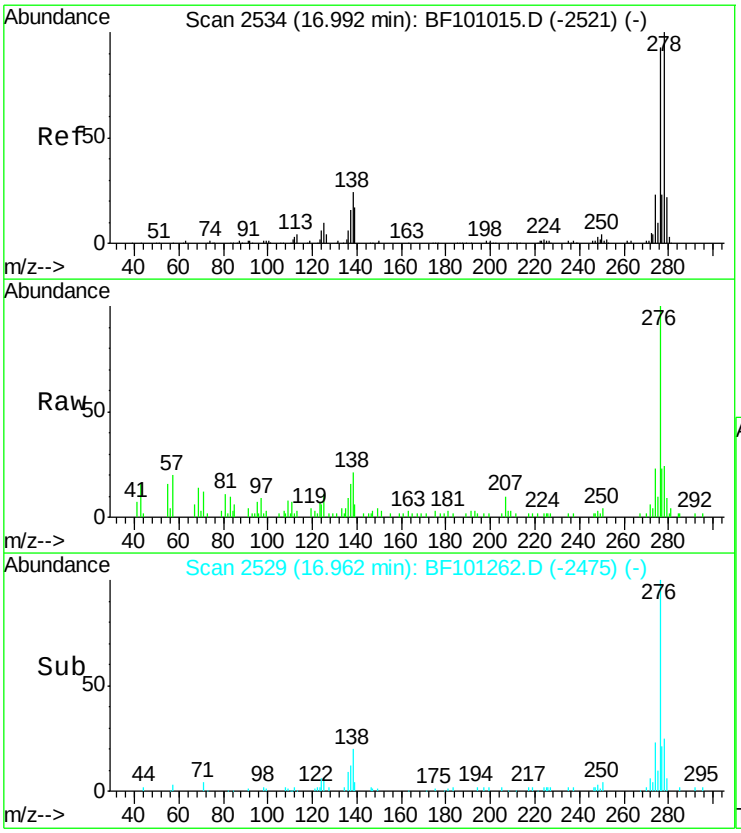
#82
Chrysene
Concen: 16.553 ng m
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:228 Resp: 76240

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.3	16.2	24.4

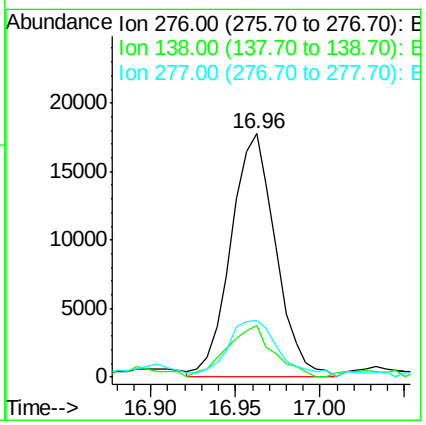


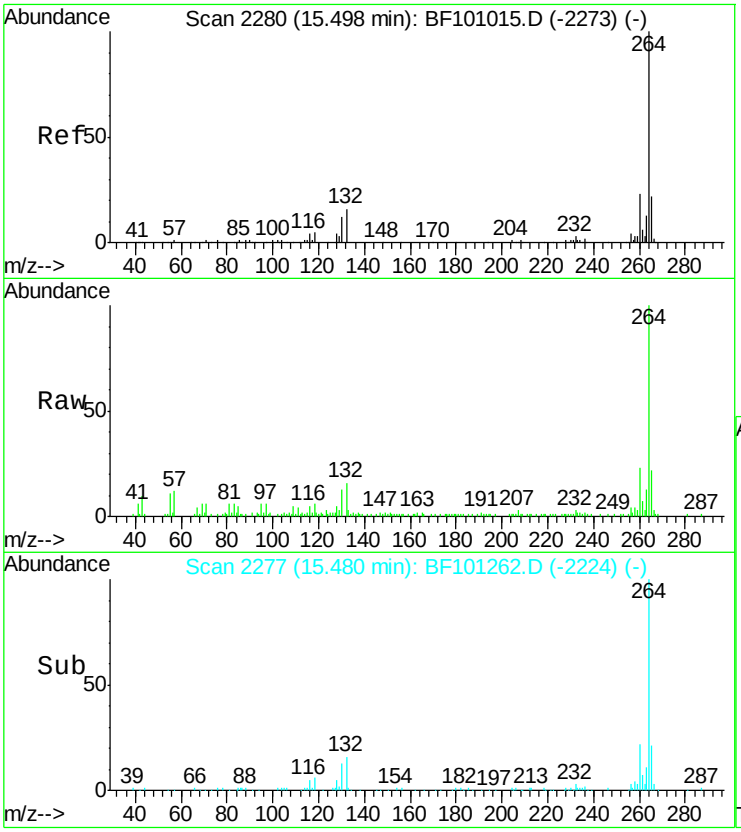


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.998 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.02 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:276 Resp: 32751

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	26.9	20.1	30.1



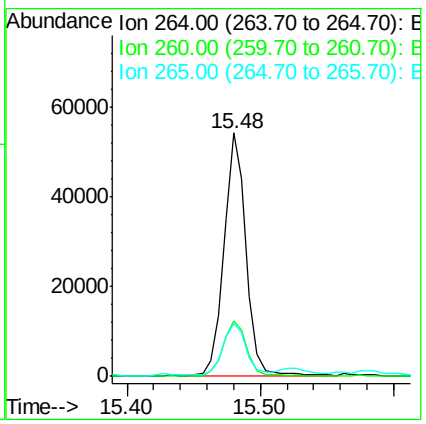


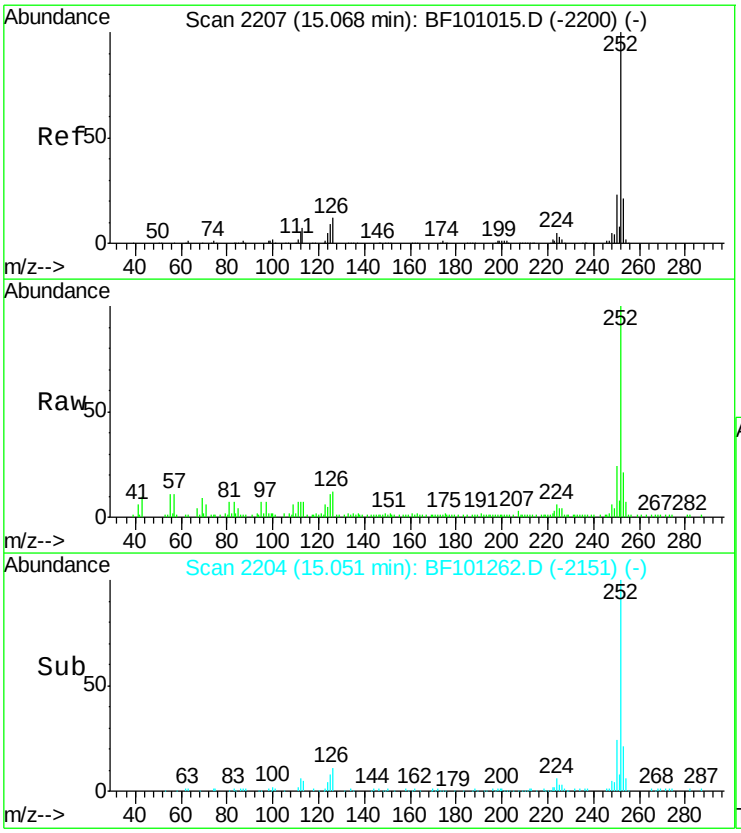
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:264 Resp: 63411

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	17.5	26.3

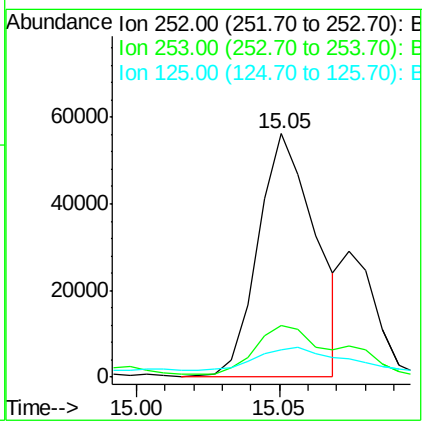


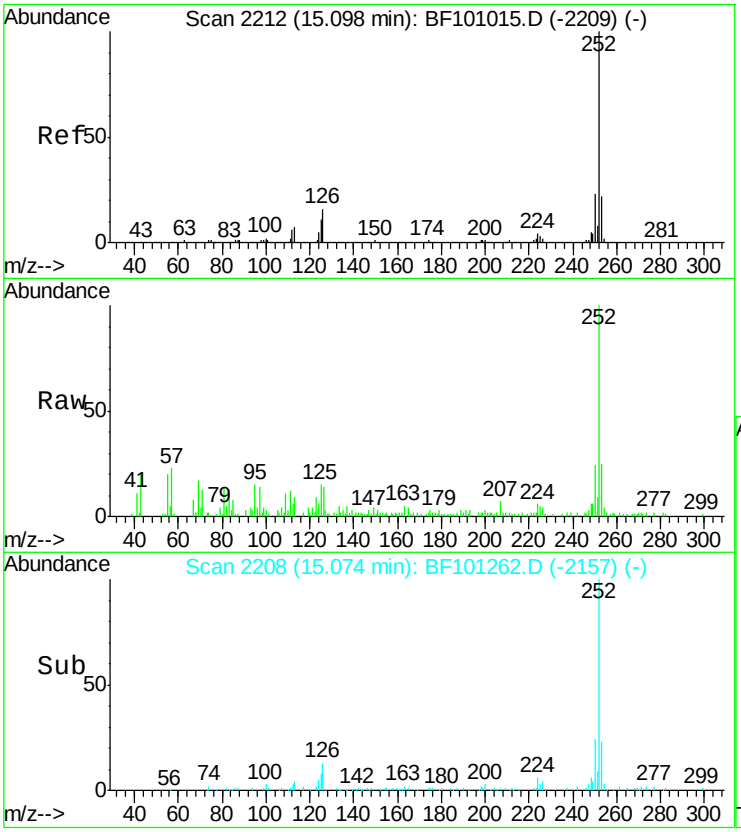


#87
Benzo(b)fluoranthene
Concen: 20.679 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:252 Resp: 78541

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.4	9.0	13.6



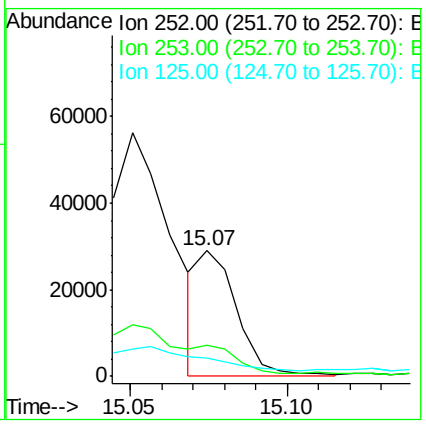


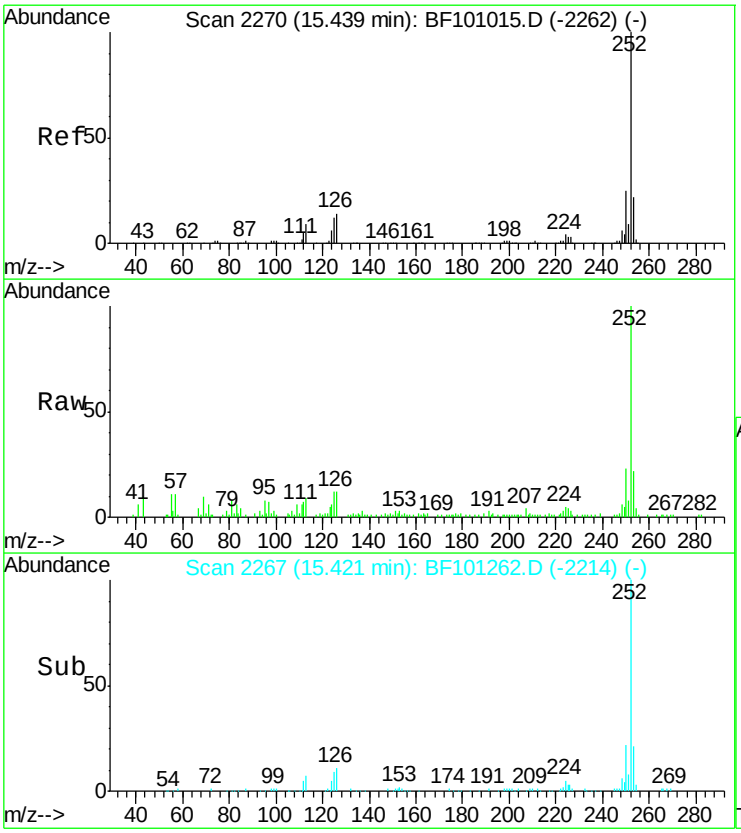
#88
Benzo(k)fluoranthene
Concen: 6.654 ng m
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:252 Resp: 24901

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	14.8	10.2	15.2

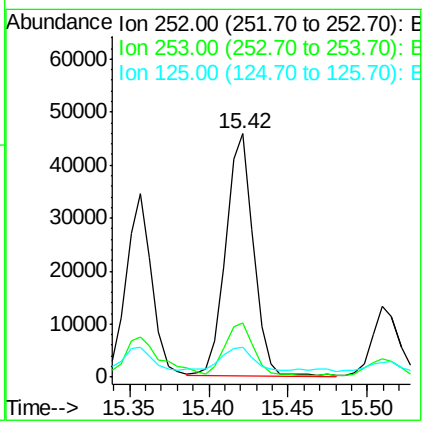


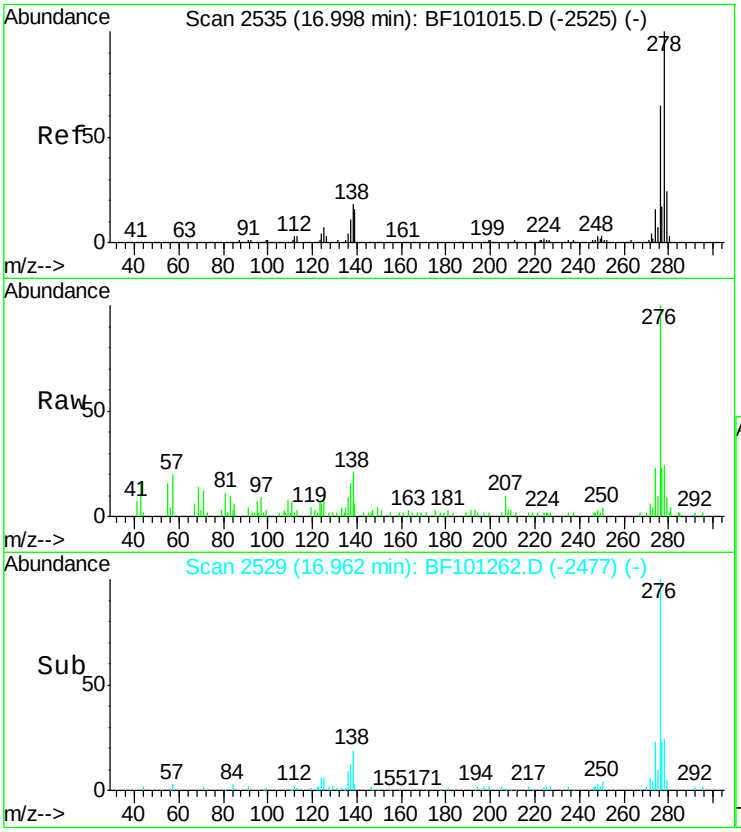


#89
Benzo(a)pyrene
Concen: 15.946 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:252 Resp: 55061

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.3	9.8	14.6



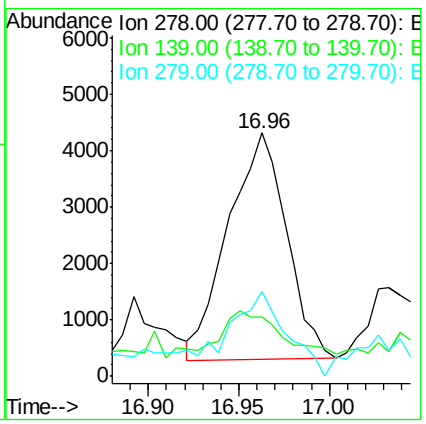


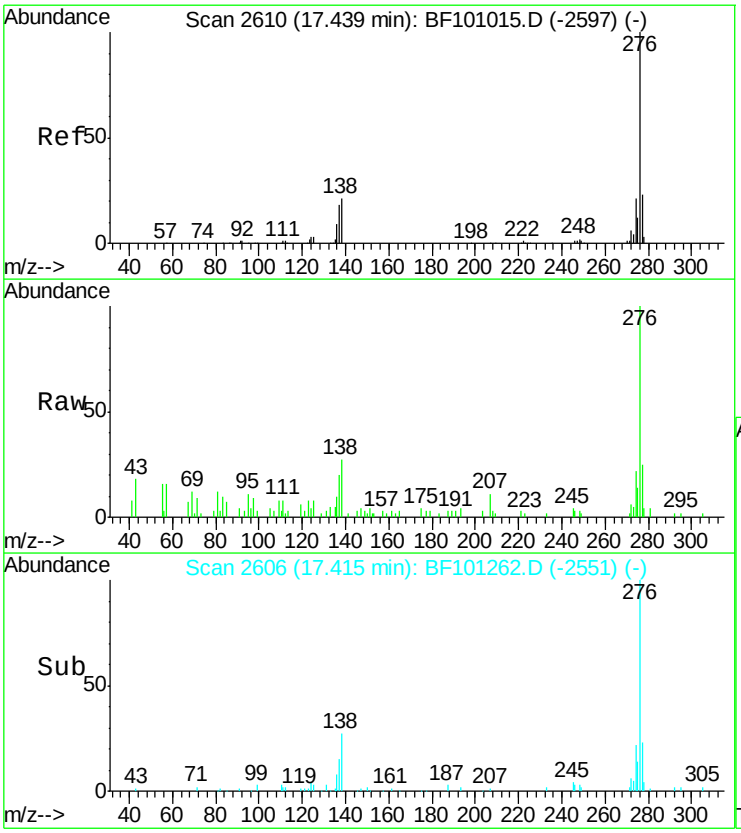
#90
Dibenzo(a,h)anthracene
Concen: 2.950 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
AREA-1-2-SAMPLE

Tgt Ion:278 Resp: 8981

Ion	Ratio	Lower	Upper
278	100		
139	24.5	15.9	23.9#
279	35.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 11.738 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF101262.D
Acq: 9 Dec 2017 4:47

Tgt Ion:276 Resp: 33674

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	26.9	21.8	32.8