Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101263.D
Acq On : 9 Dec 2017 5:14
Operator : SJ/JU
Sample : I6791-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 11 00:24:52 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	41523	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	151297	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	63768	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	111530	20.00	ng		0.00
75) Chrysene-d12	14.01	240	84924	20.00	ng		0.00
86) Perylene-d12	15.48	264	68626	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	135964	54.11	ng		0.00
7) Phenol-d6	6.46	99	327379	107.31	ng		0.00
23) Nitrobenzene-d5	7.39	82	189547	74.73	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	18839	24.59	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	410896	88.16	ng		0.00
78) Terphenyl-d14	12.94	244	346968	89.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	13041	3.844	ng		82
49) Dimethylphthalate	9.57	163	40157	7.808	ng	#	99
70) Phenanthrene	11.38	178	13086	2.131	ng		97
74) Fluoranthene	12.57	202	32027	4.704	ng		94
77) Pyrene	12.80	202	32715	5.583	ng		97
80) Benzo(a)anthracene	14.00	228	17941	3.346	ng		97
82) Chrysene	14.03	228	16498	3.313	ng		93
85) Indeno(1,2,3-cd)pyrene	16.96	276	10632	2.402	ng	#	91
87) Benzo(b)fluoranthene	15.05	252	20819m	5.065	ng		
89) Benzo(a)pyrene	15.42	252	15342	4.105	ng	#	81
91) Benzo(g,h,i)perylene	17.41	276	11929	3.842	ng	#	90

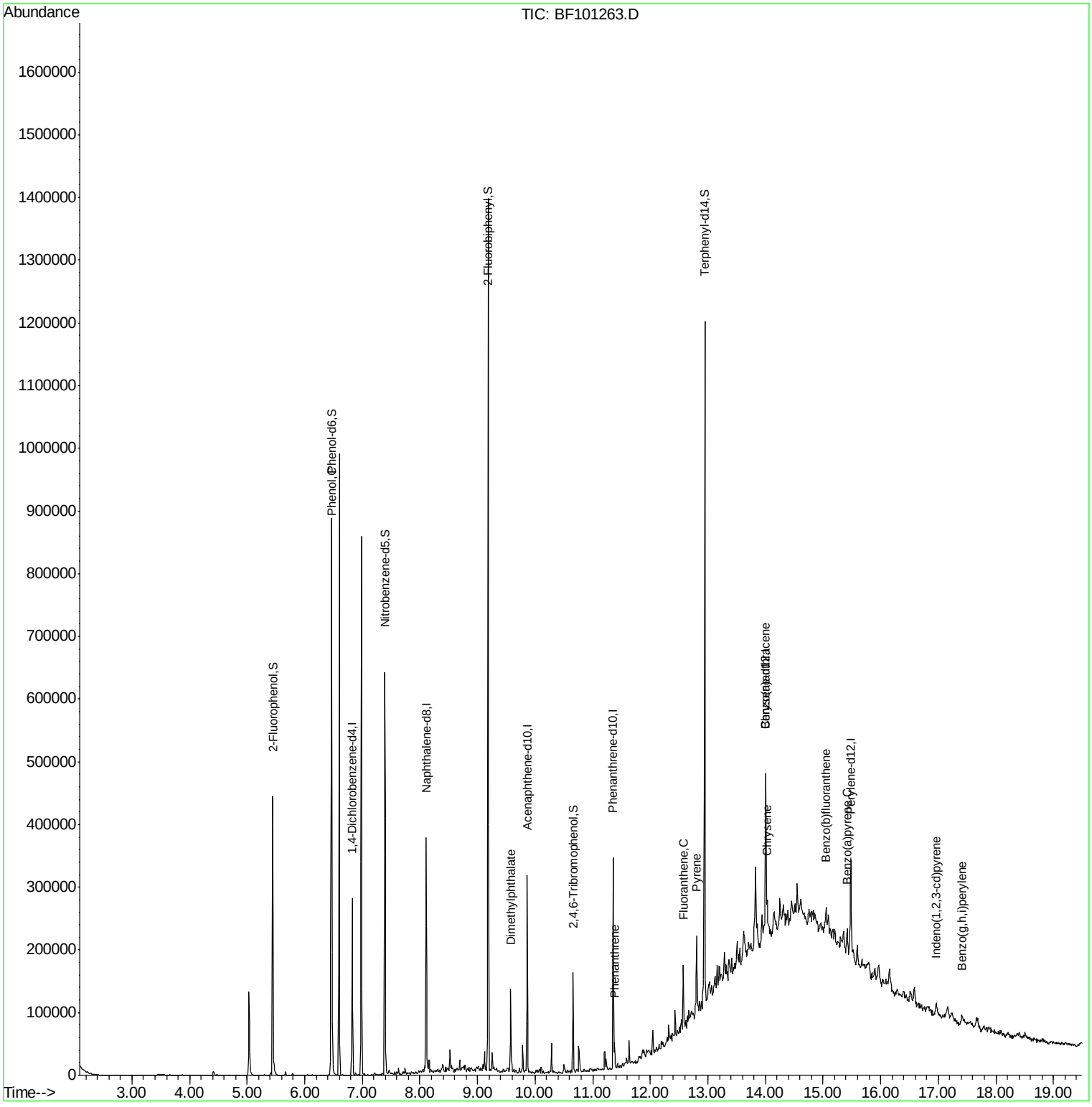
(#) = qualifier out of range (m) = manual integration (+) = signals summed

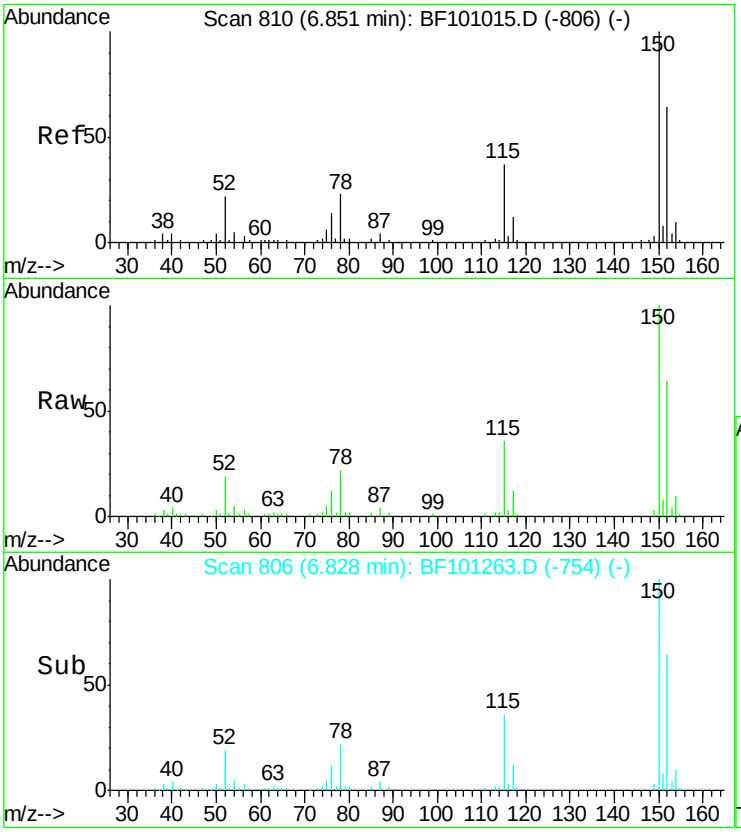
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101263.D
Acq On : 9 Dec 2017 5:14
Operator : SJ/JU
Sample : I6791-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 11 00:24:52 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



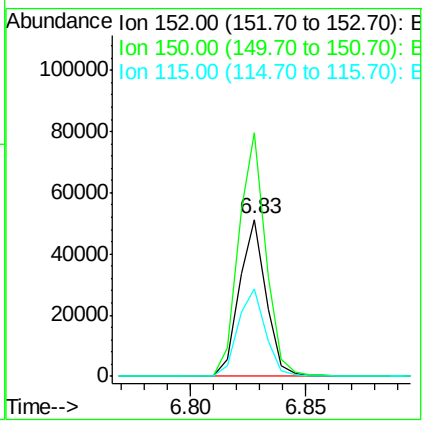


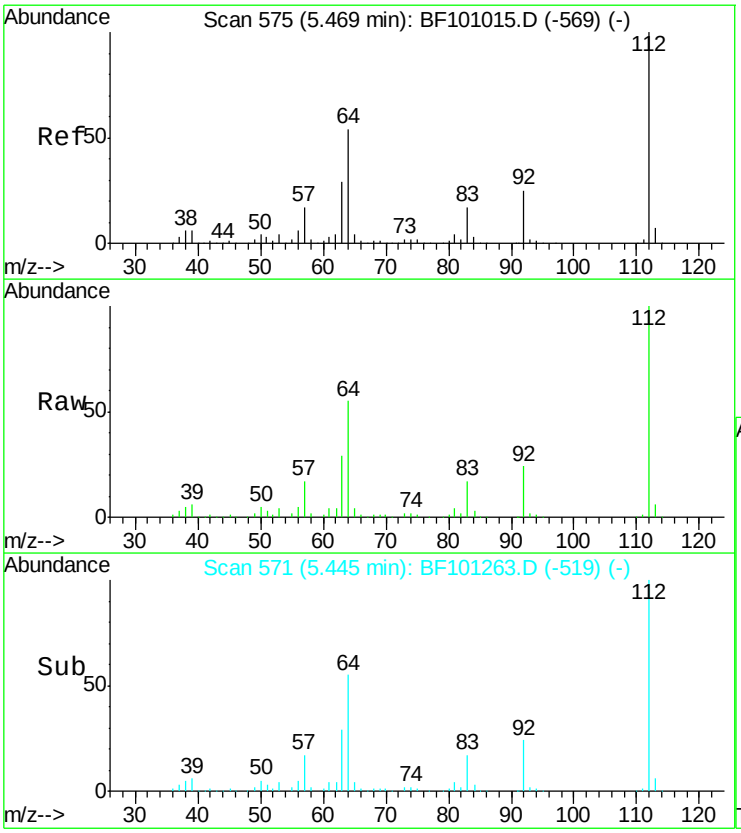
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:152 Resp: 41523

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	55.8	50.1	75.1

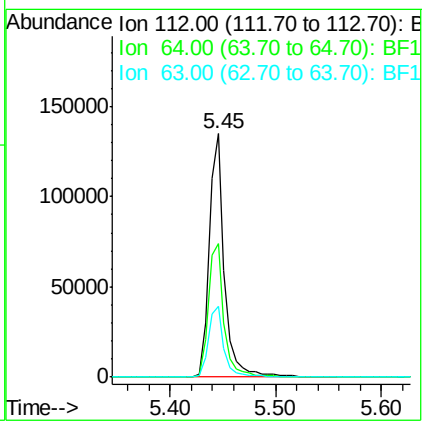


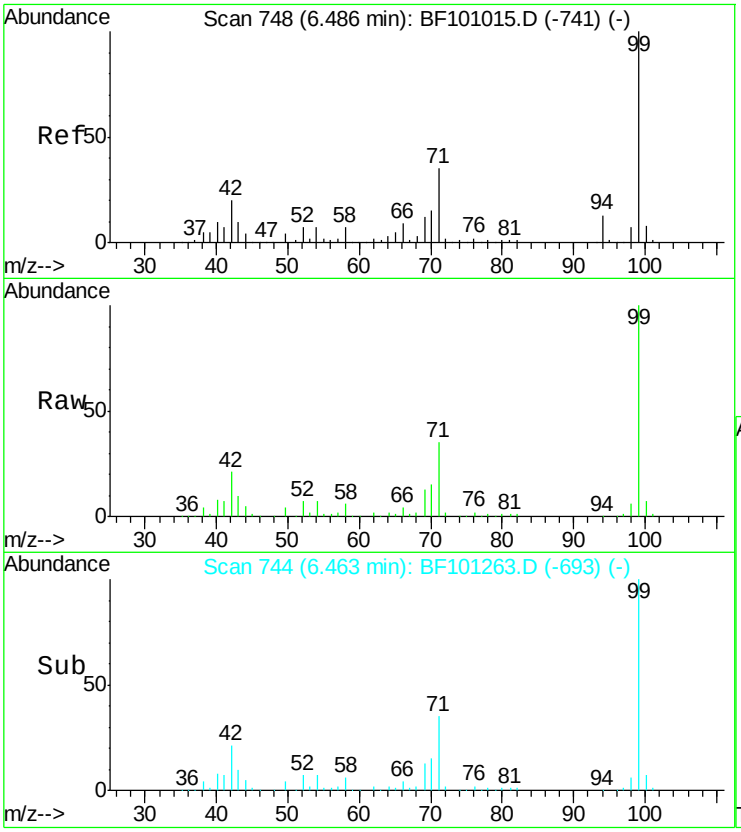


#5
2-Fluorophenol
Concen: 54.108 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:112 Resp: 135964

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	29.0	23.7	35.5



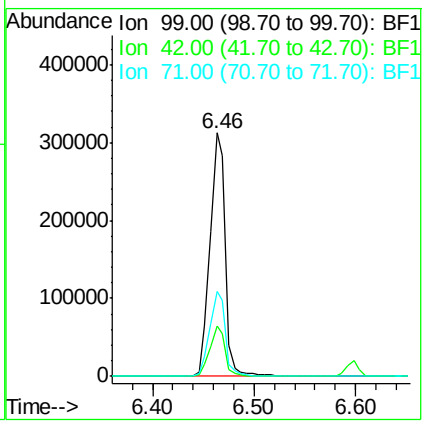


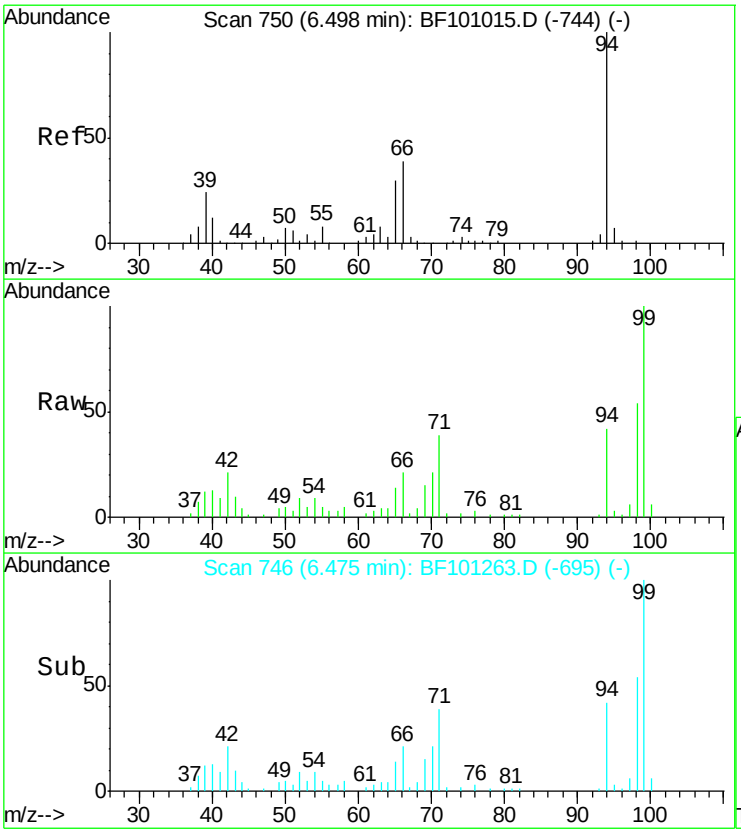
#7
Phenol-d6
Concen: 107.309 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion: 99 Resp: 327379

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.0	25.4	38.0

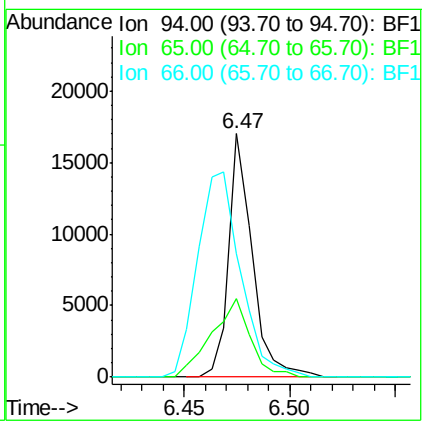


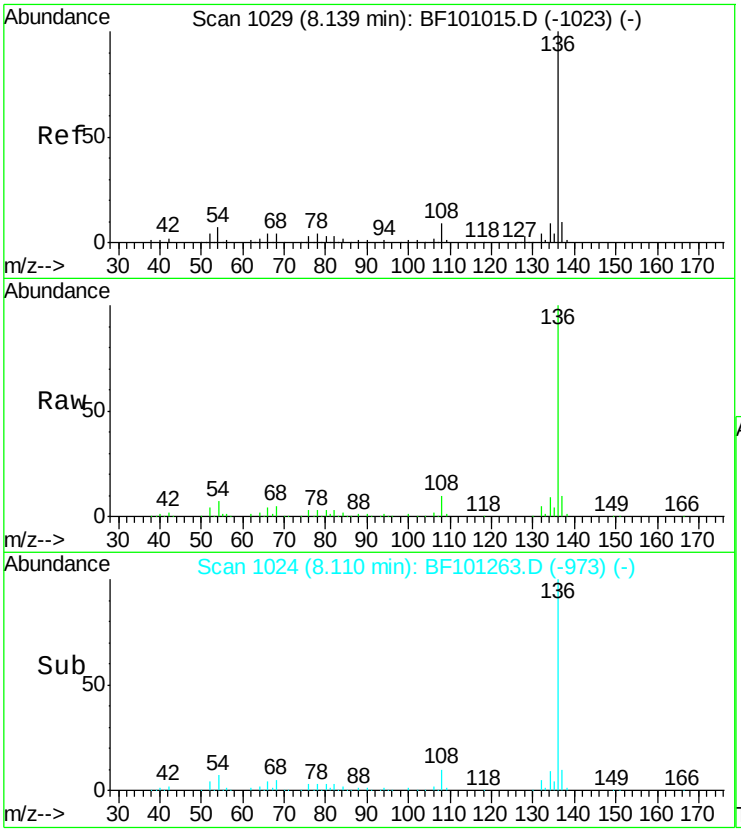


#10
Phenol
Concen: 3.844 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion: 94 Resp: 13041

Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	50.9	16.2	56.2



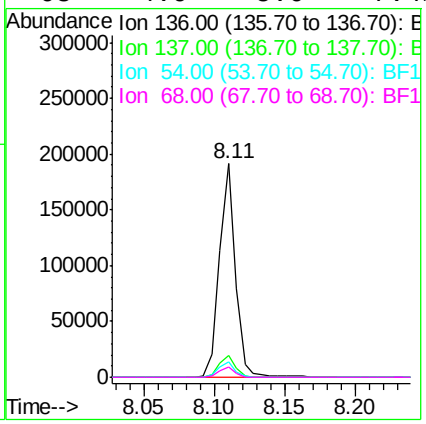


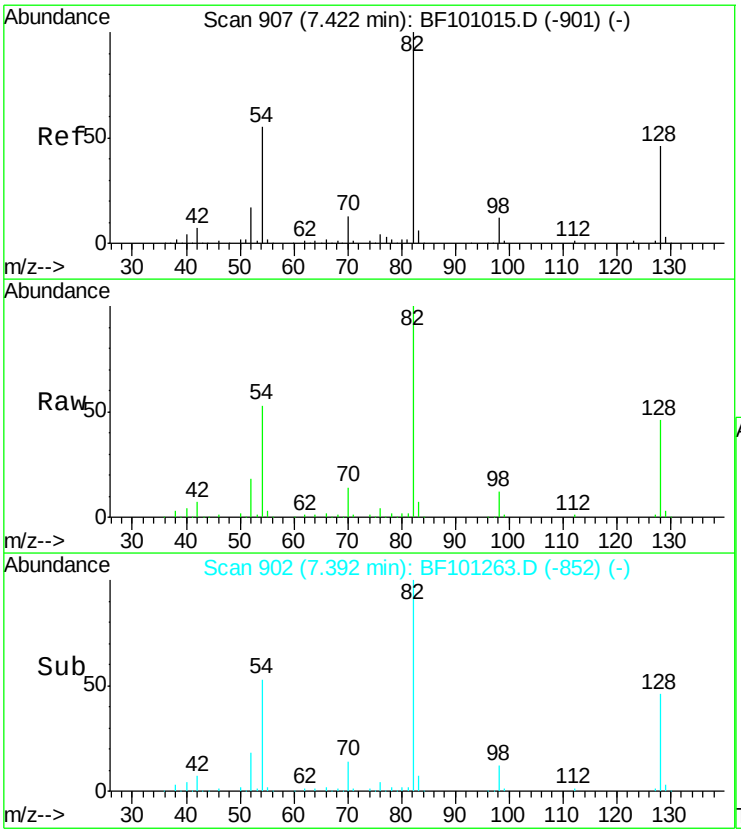
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:136 Resp: 151297

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.1	6.6	9.8
68	4.9	5.0	7.4#

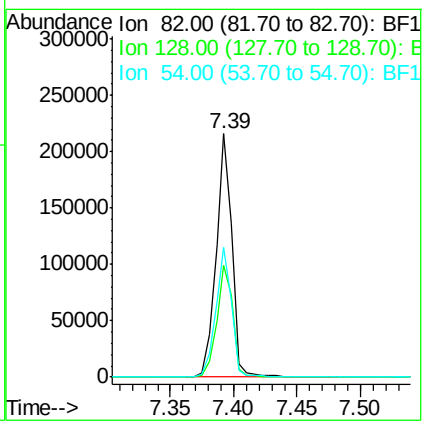


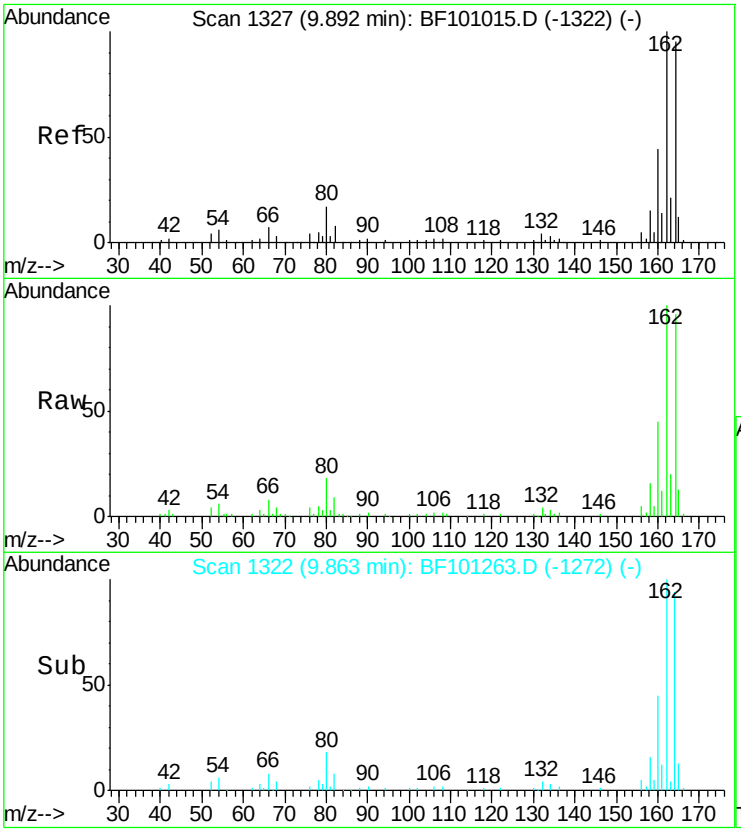


#23
Nitrobenzene-d5
Concen: 74.734 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion: 82 Resp: 189547

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.5	41.4	62.2



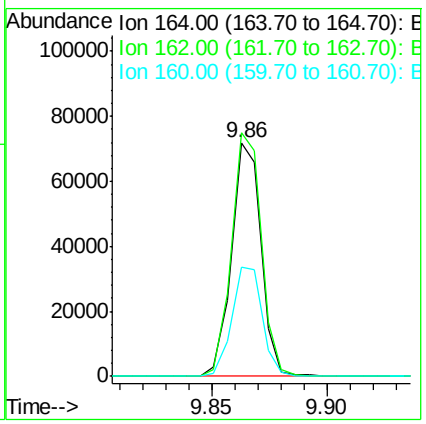


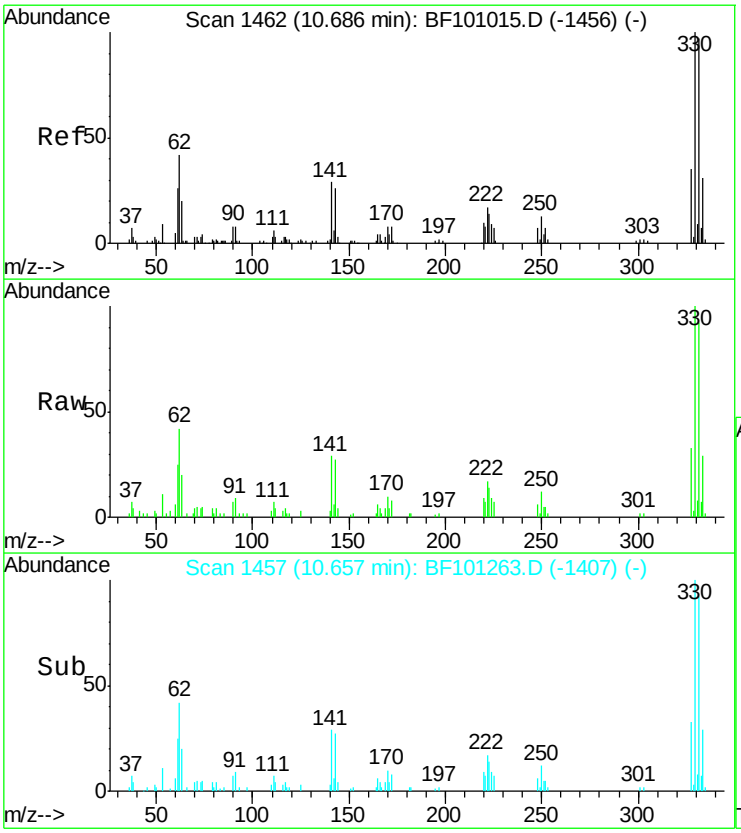
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:164 Resp: 63768

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.9	38.3	57.5

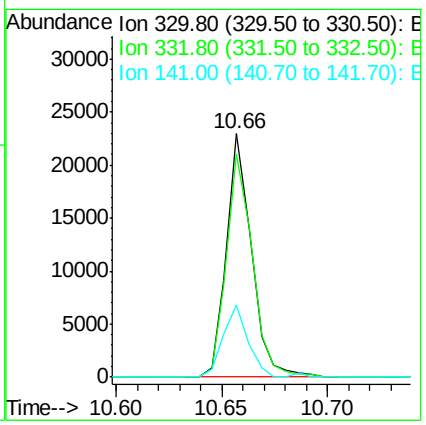


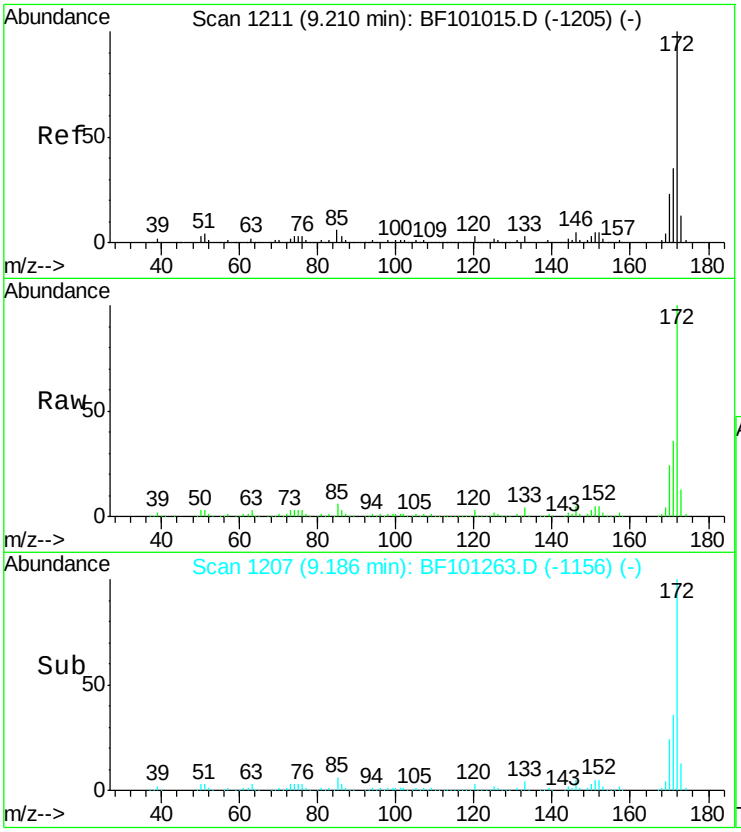


#41
2,4,6-Tribromophenol
Concen: 24.593 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:330 Resp: 18839

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	28.9	29.9	44.9#



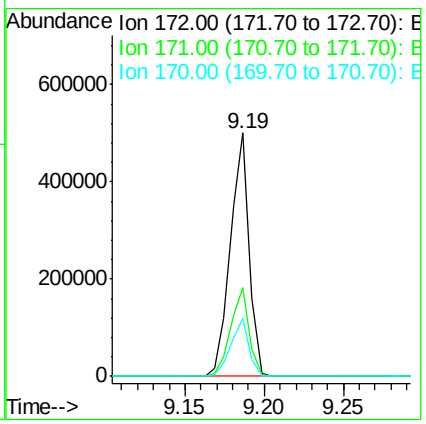


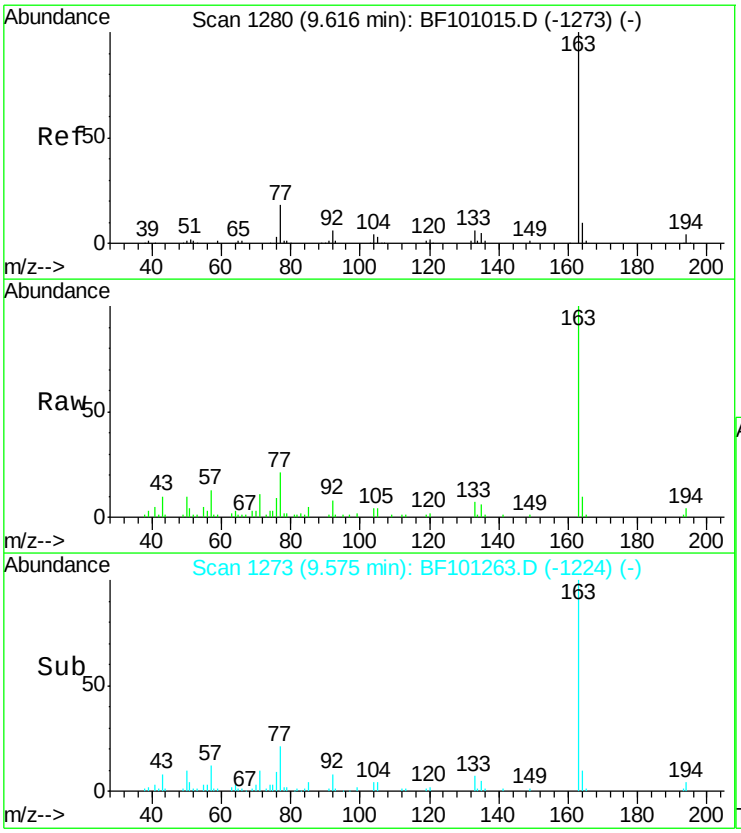
#44
2-Fluorobiphenyl
Concen: 88.161 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:172 Resp: 410896

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

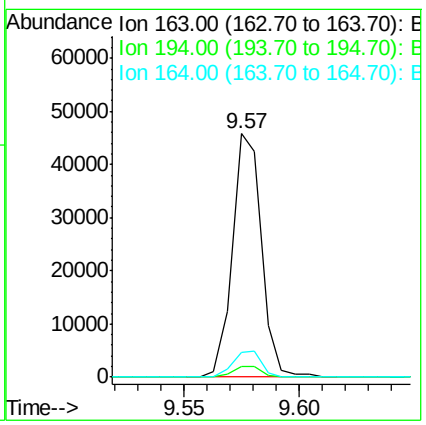


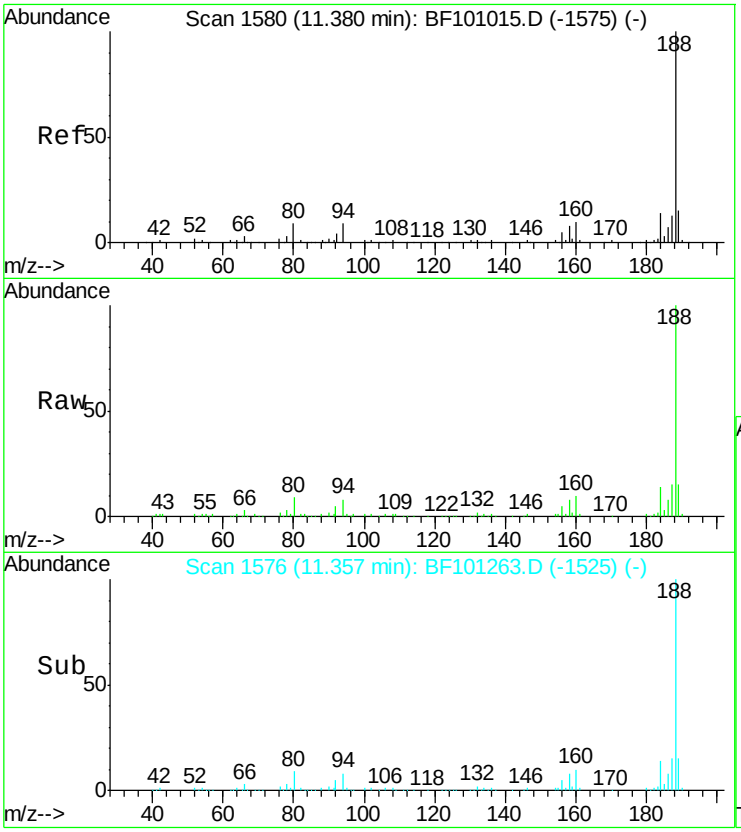


#49
Dimethylphthalate
Concen: 7.808 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:163 Resp: 40157

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.4	8.2	12.2



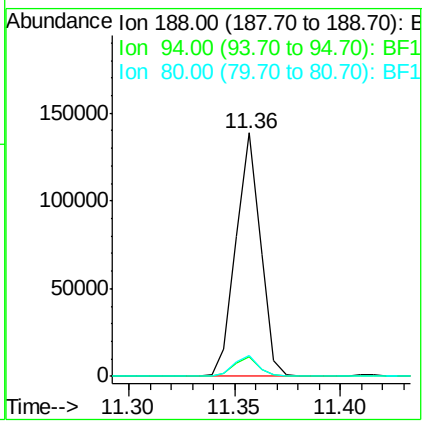


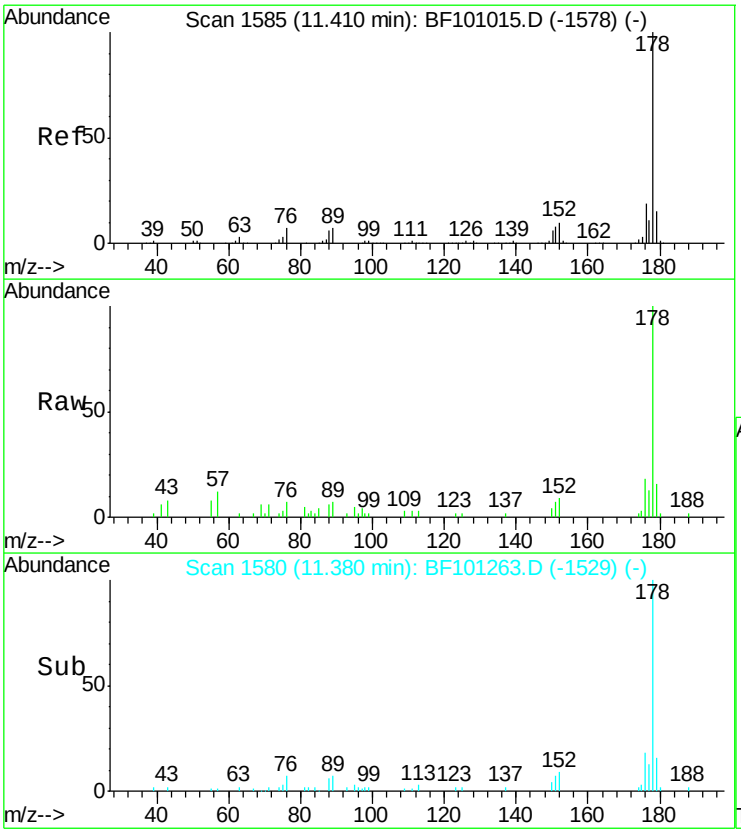
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:188 Resp: 111530

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.6	9.2	13.8#

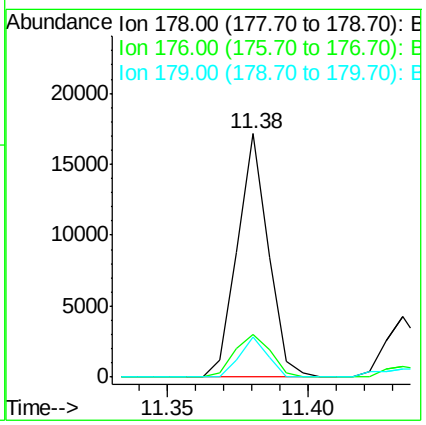


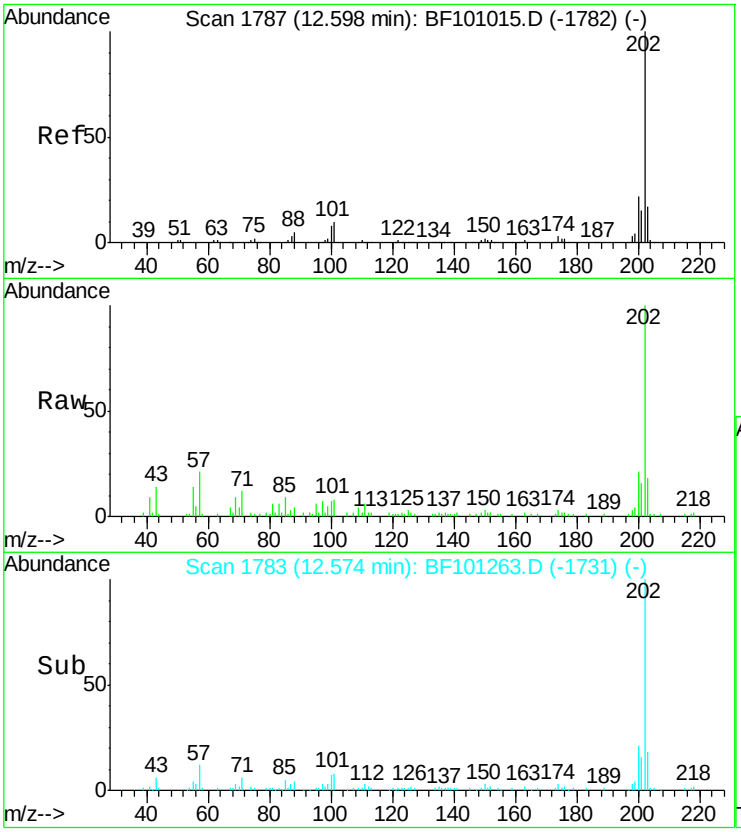


#70
Phenanthrene
Concen: 2.131 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:178 Resp: 13086

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	16.4	13.0	19.6



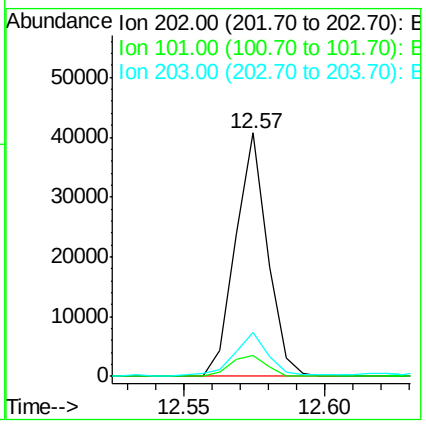


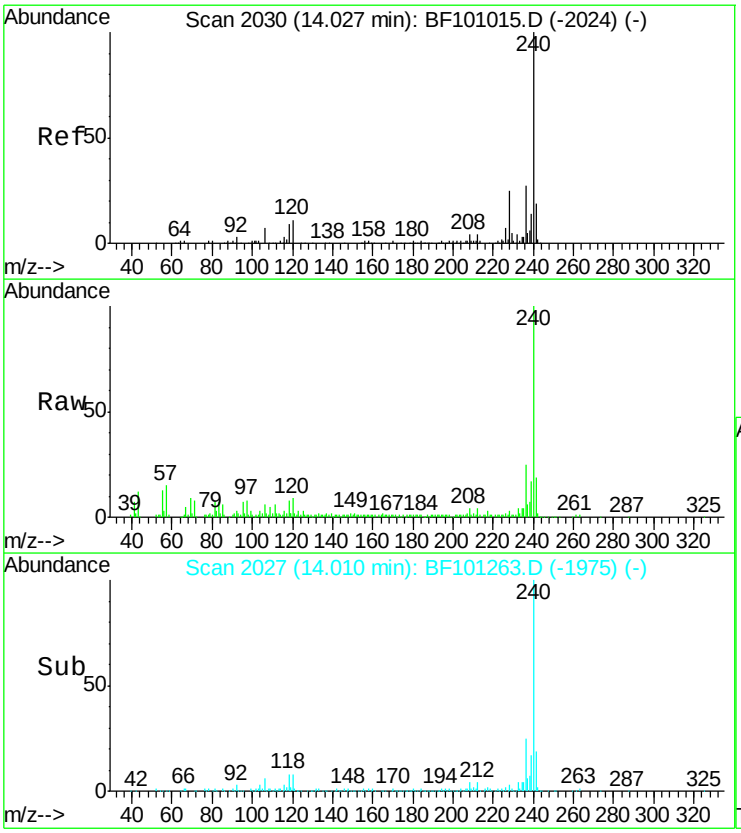
#74
Fluoranthene
Concen: 4.704 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:202 Resp: 32027

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	34.1
203	18.1	0.0	38.1

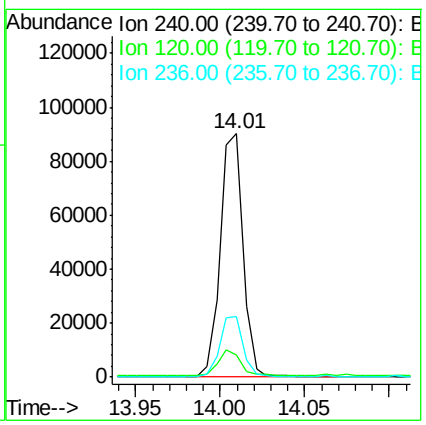


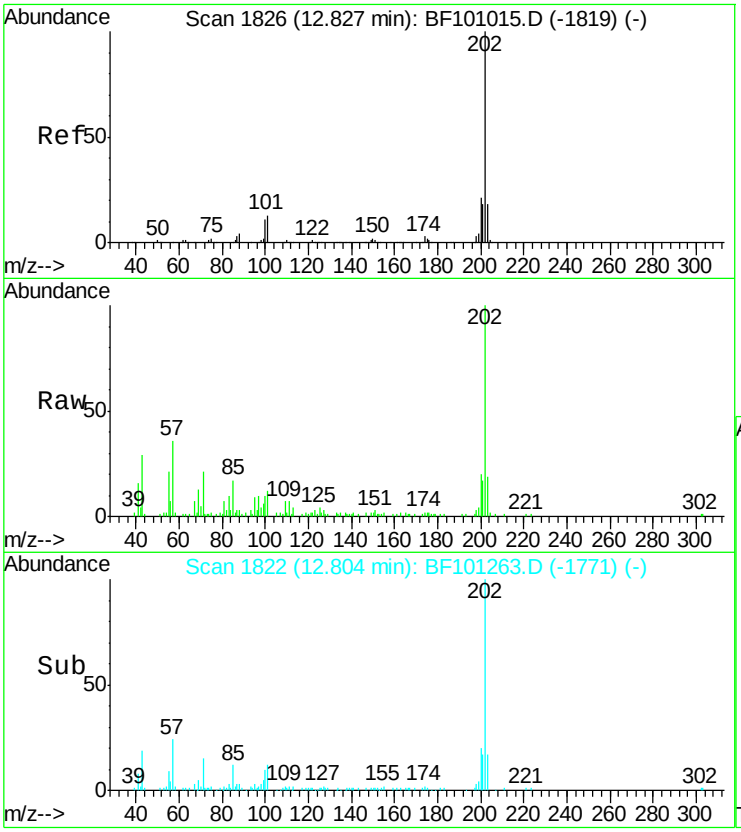


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:240 Resp: 84924

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	24.9	20.7	31.1



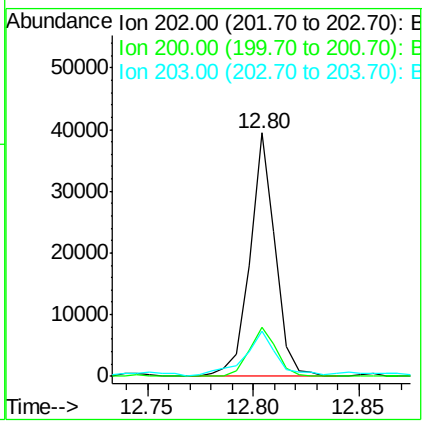


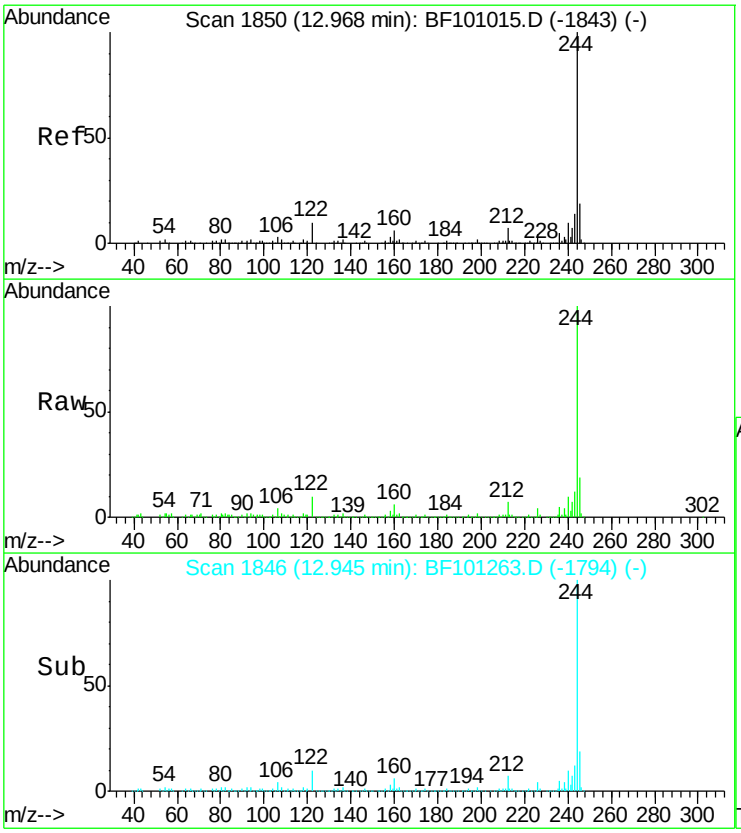
#77
Pyrene
Concen: 5.583 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:202 Resp: 32715

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.8	14.3	21.5

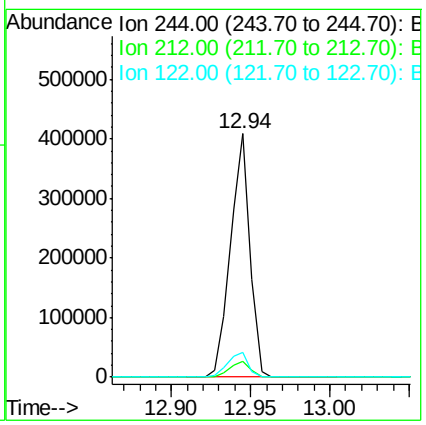


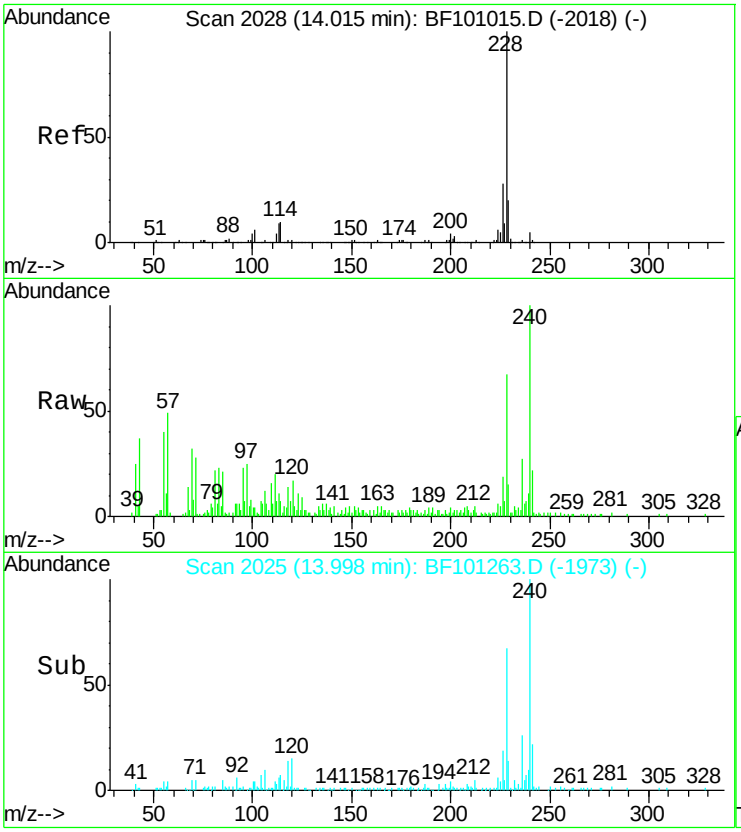


#78
Terphenyl-d14
Concen: 89.363 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:244 Resp: 346968

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.9	11.0	16.4#



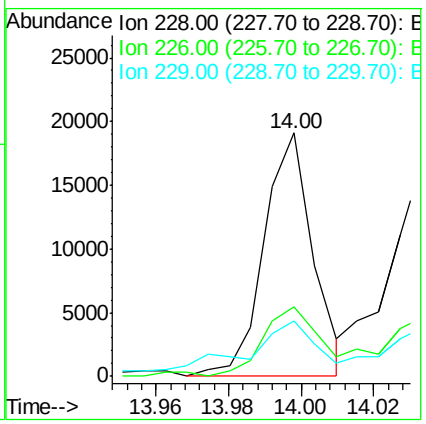


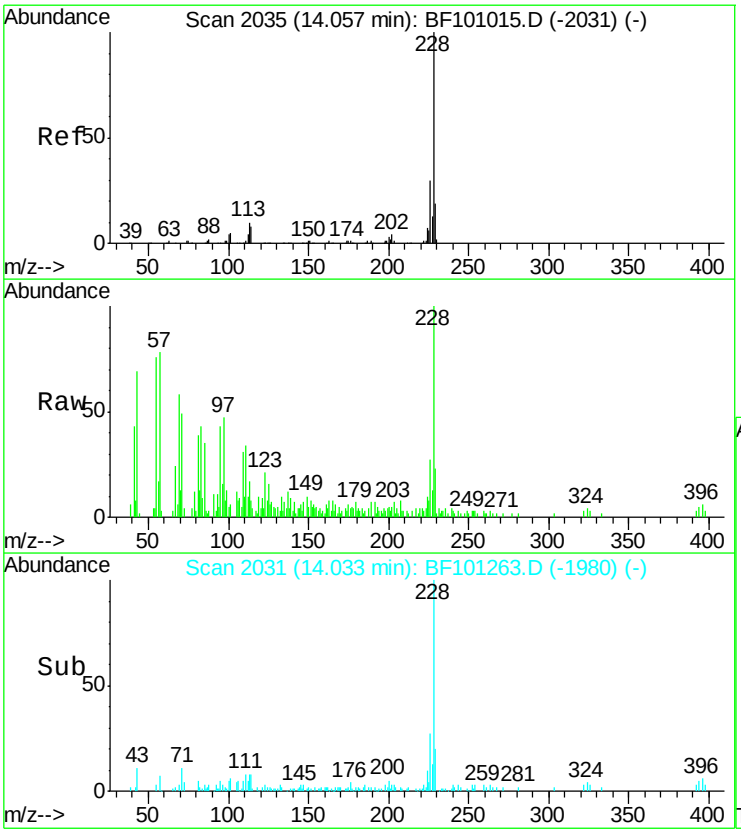
#80
Benzo(a)anthracene
Concen: 3.346 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:228 Resp: 17941

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	22.7	15.8	23.6

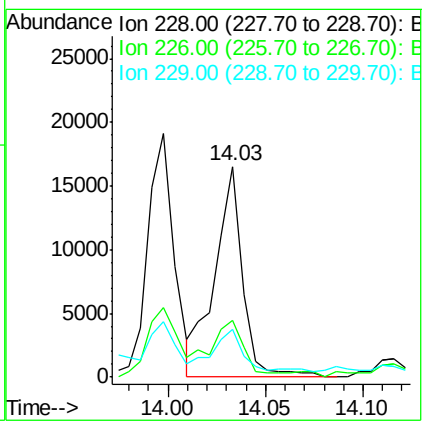


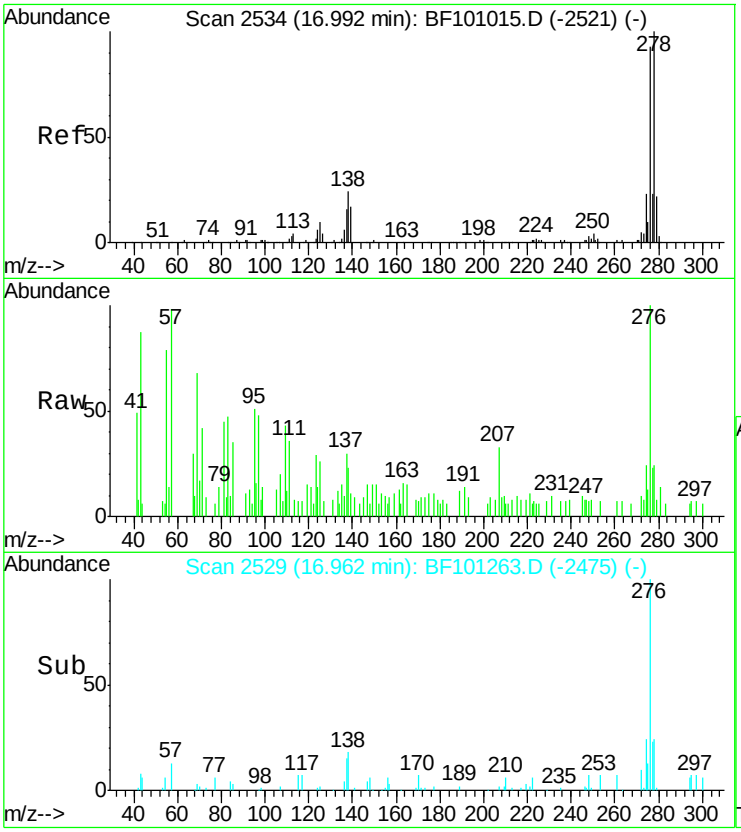


#82
Chrysene
Concen: 3.313 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:228 Resp: 16498

Ion	Ratio	Lower	Upper
228	100		
226	26.8	25.0	37.6
229	22.9	16.2	24.4



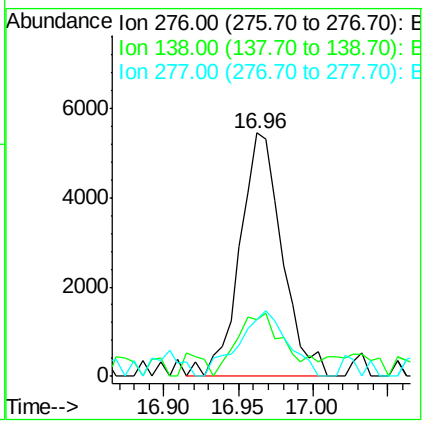


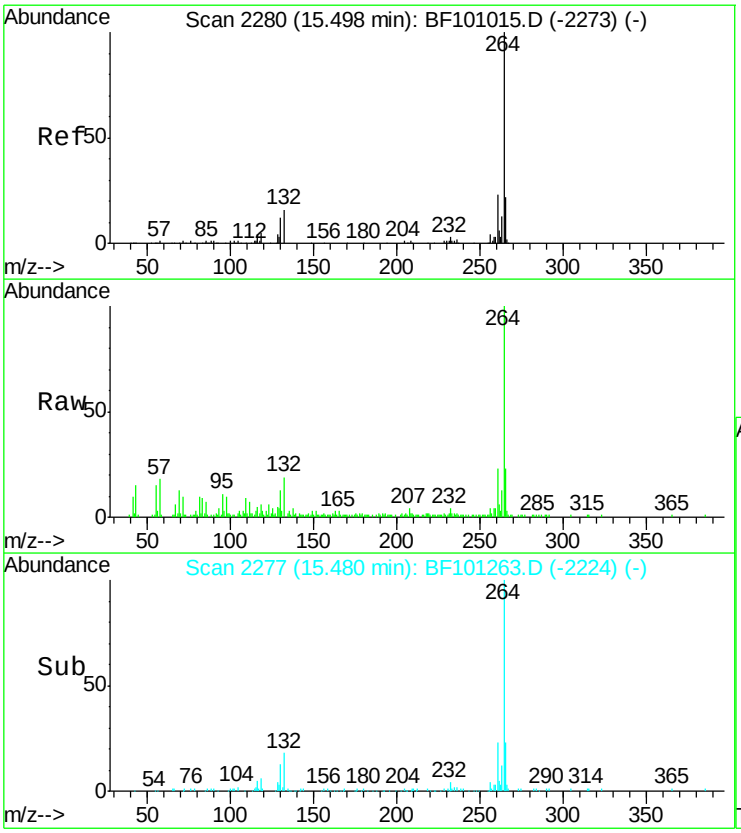
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.402 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.02 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:276 Resp: 10632

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	31.3	20.1	30.1#

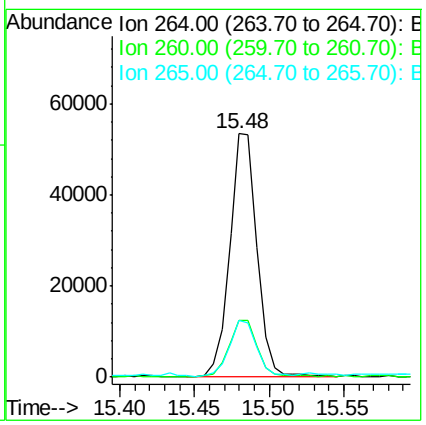


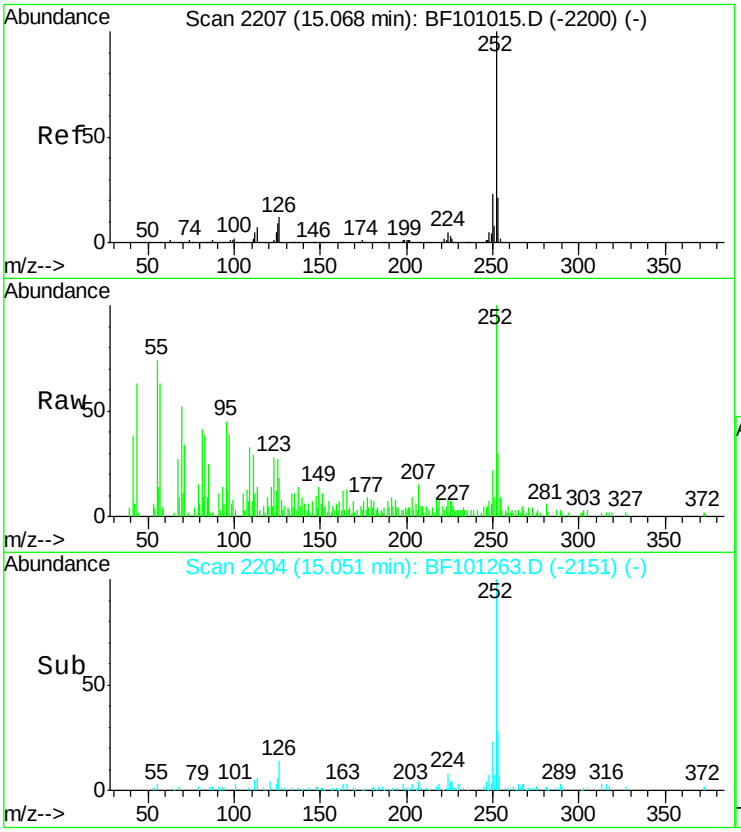


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:264 Resp: 68626

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.2	17.5	26.3



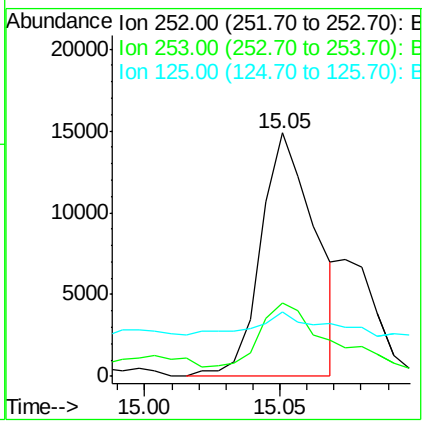


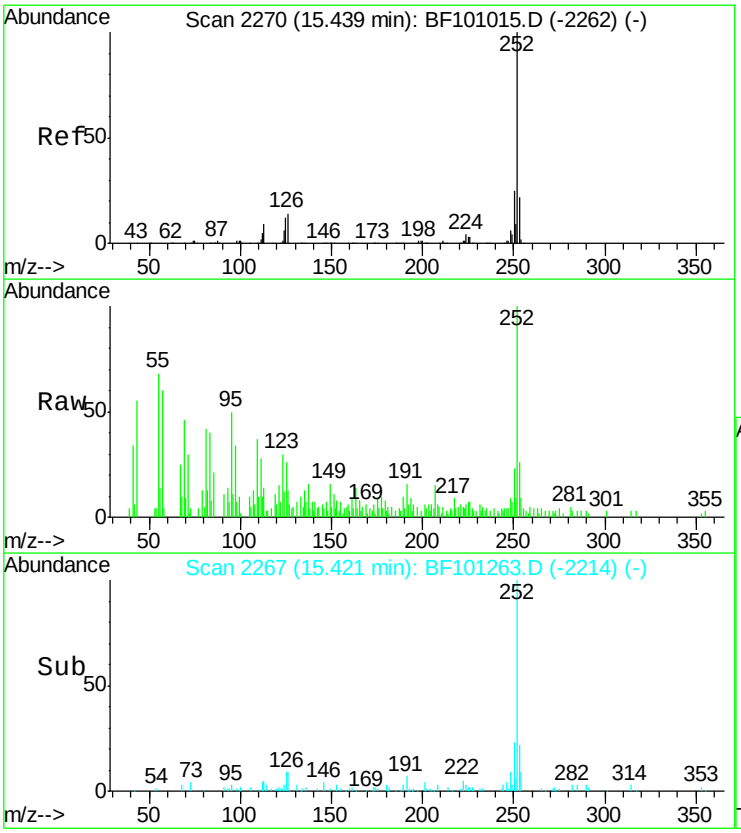
#87
Benzo(b)fluoranthene
Concen: 5.065 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:252 Resp: 20819

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.0	25.6#
125	26.6	9.0	13.6#

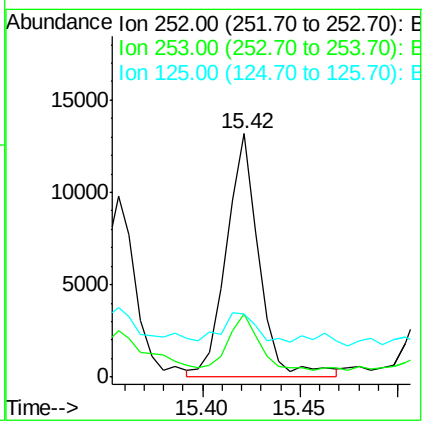


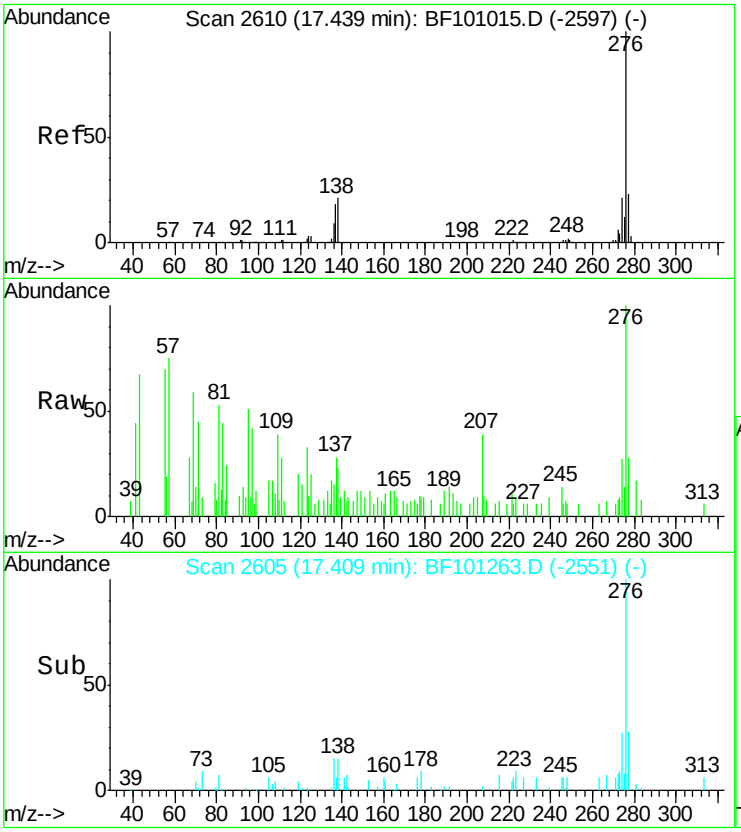


#89
Benzo(a)pyrene
Concen: 4.105 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

Tgt Ion:252 Resp: 15342

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	25.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.842 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.02 min
Lab File: BF101263.D
Acq: 9 Dec 2017 5:14

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

Tgt Ion:276 Resp: 11929

Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9#
138	22.8	21.8	32.8