Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 21:45:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	164180	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	622409	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	253884	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	409197	20.00	ng		0.00
75) Chrysene-d12	13.99	240	317890	20.00	ng		0.00
86) Perylene-d12	15.47	264	260128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	221686	20.11	ng		0.00
7) Phenol-d6	6.45	99	284686	20.75	ng		0.00
23) Nitrobenzene-d5	7.38	82	146632	13.11	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	44581	18.22	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	304155	18.58	ng		0.00
78) Terphenyl-d14	12.93	244	233855	17.73	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	7.92	122	510	8.031	ng	#	1
70) Phenanthrene	11.37	178	64288	2.825	ng		99
74) Fluoranthene	12.56	202	153472	6.425	ng		99
77) Pyrene	12.79	202	162151	6.797	ng		98
80) Benzo(a)anthracene	13.99	228	68069	3.243	ng		97
82) Chrysene	14.02	228	69001	3.482	ng		97
83) Bis(2-ethylhexyl)phthalate	13.95	149	29017	2.122	ng	#	96
87) Benzo(b)fluoranthene	15.04	252	107356	6.771	ng	#	89
88) Benzo(k)fluoranthene	15.04	252	107356	6.964	ng	#	92
89) Benzo(a)pyrene	15.41	252	59631	4.080	ng	#	91
91) Benzo(g,h,i)perylene	17.41	276	32728	2.634	ng	#	91

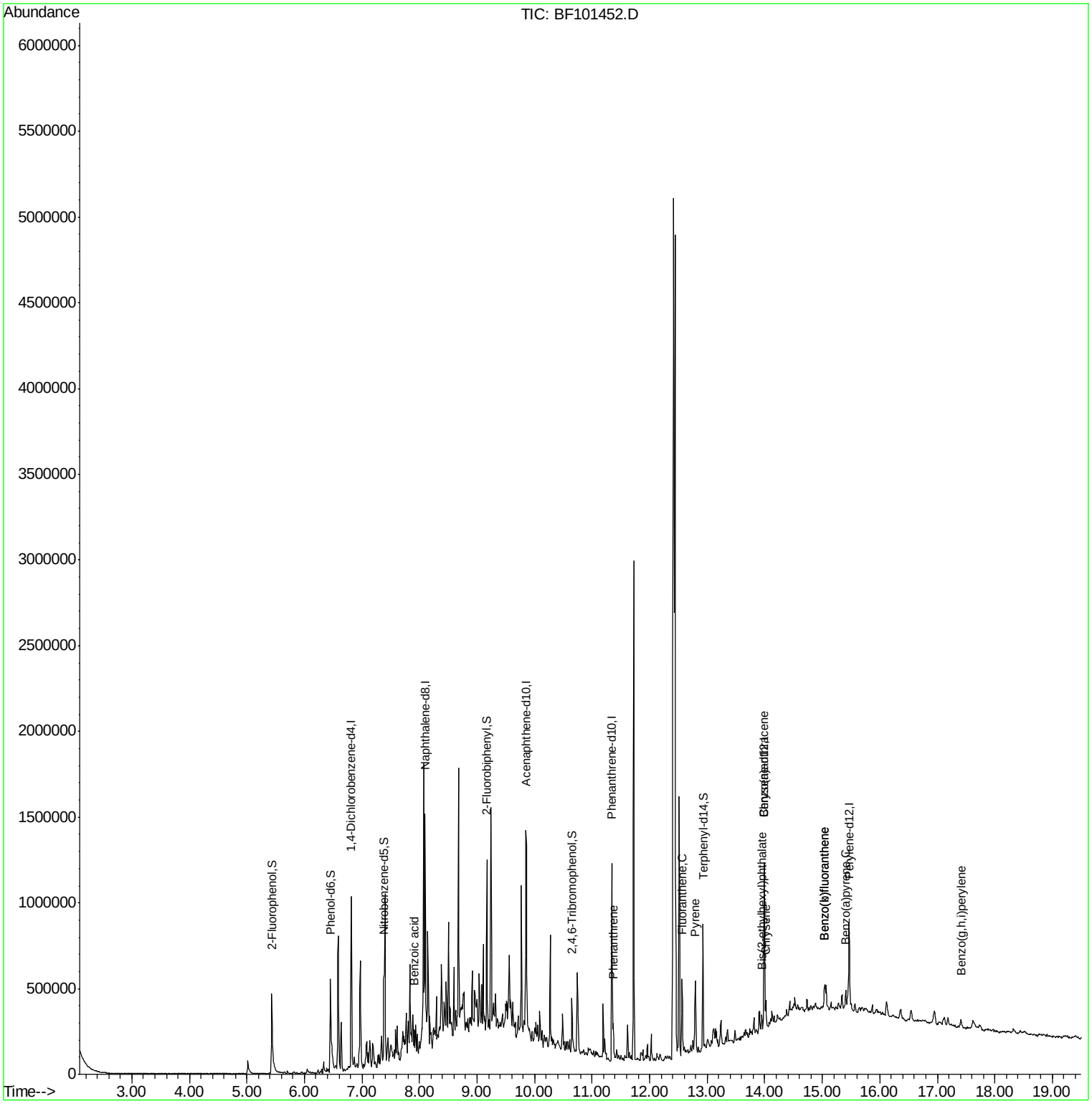
(#) = qualifier out of range (m) = manual integration (+) = signals summed

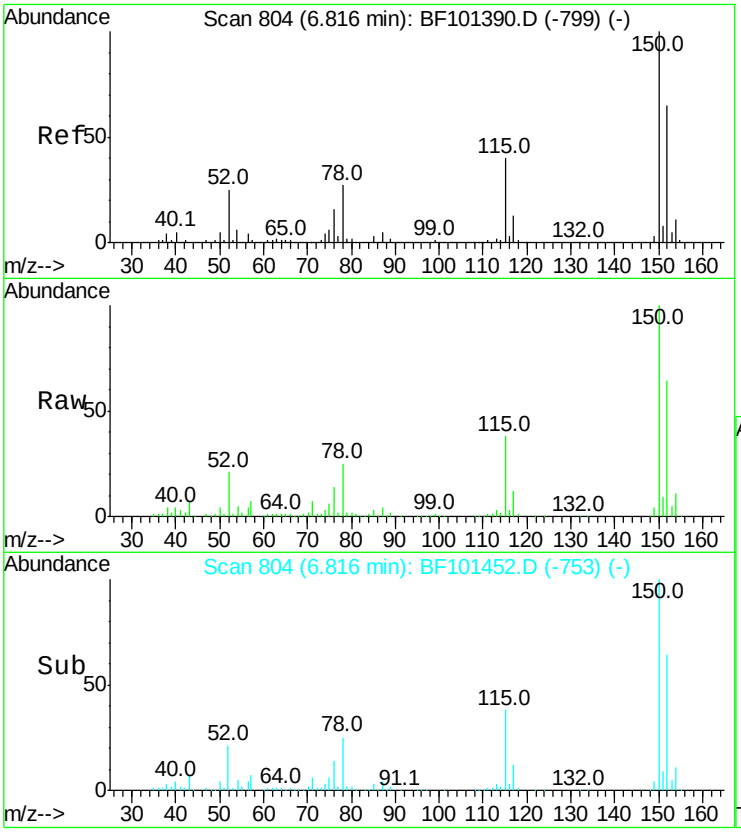
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 21:45:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration



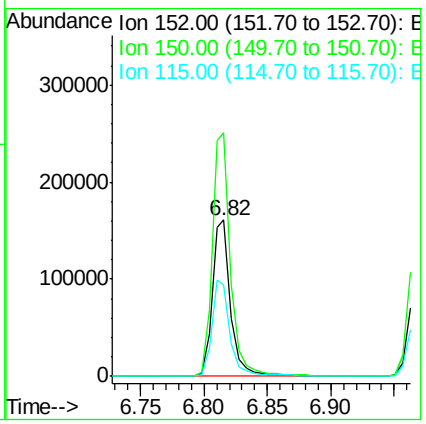


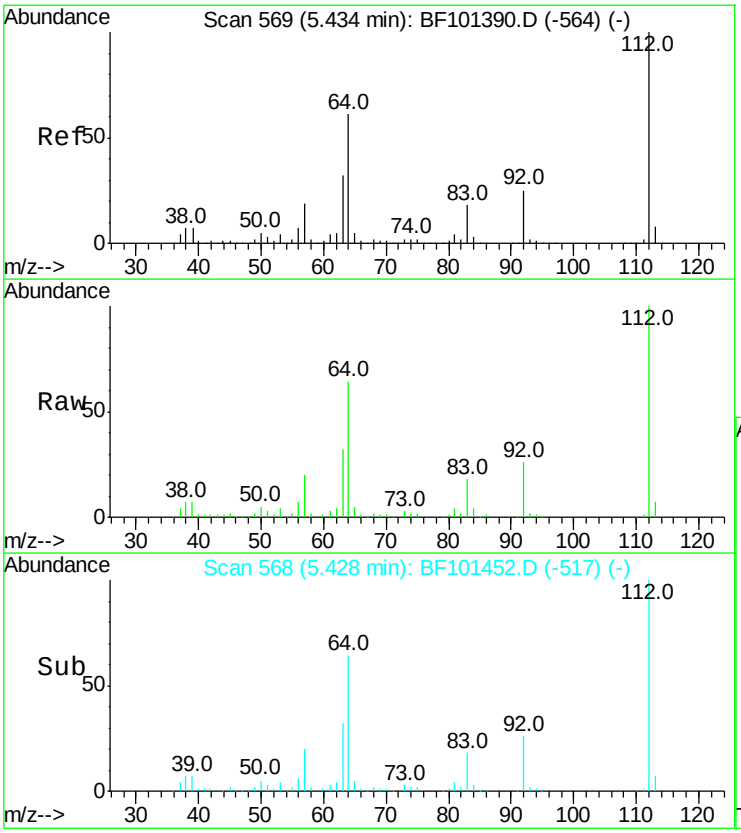
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164180

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.8	50.1	75.1

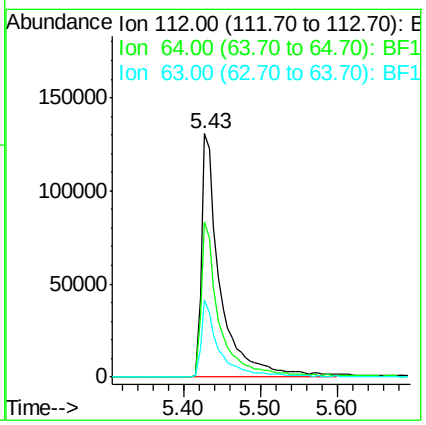


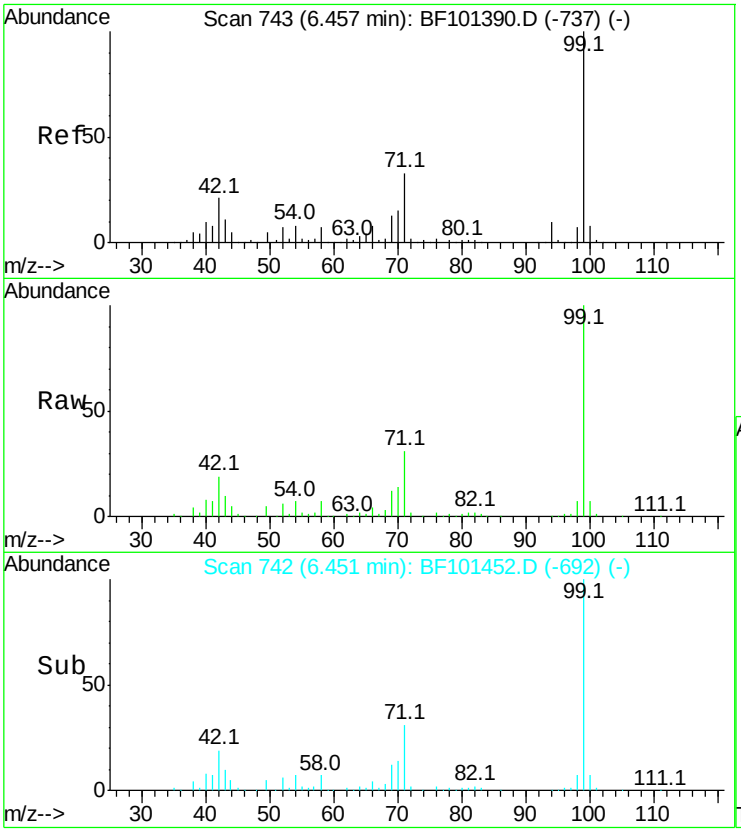


#5
2-Fluorophenol
Concen: 20.113 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:112 Resp: 221686

Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	31.9	23.7	35.5

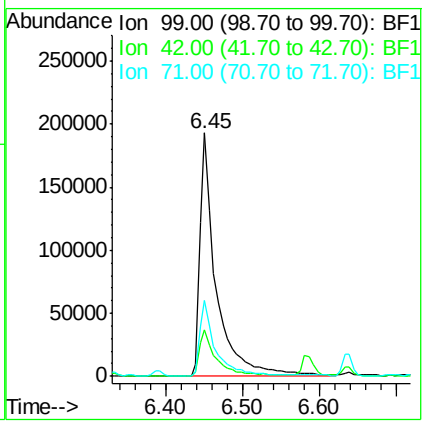




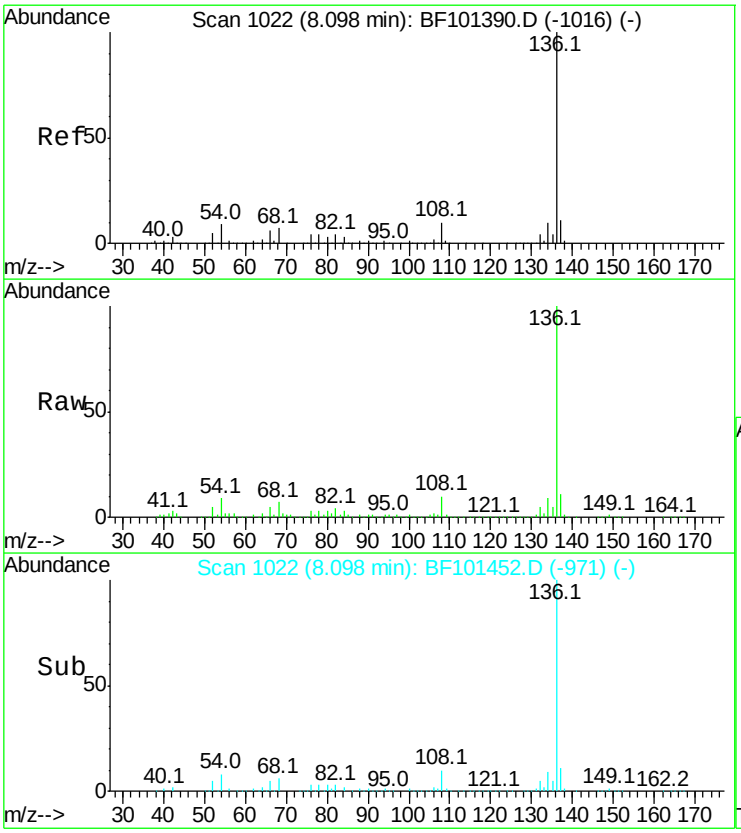
#7
Phenol-d6
Concen: 20.754 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion: 99 Resp: 284686

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.3	25.4	38.0



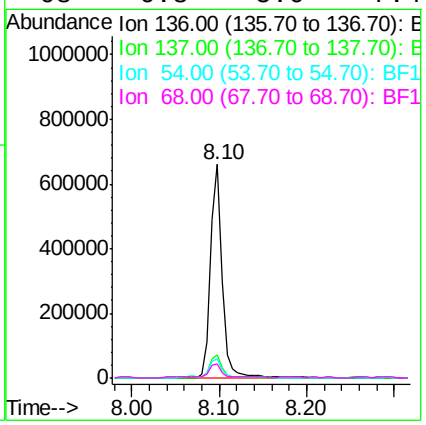
Instrument :
BNA_F
ClientSampleId :

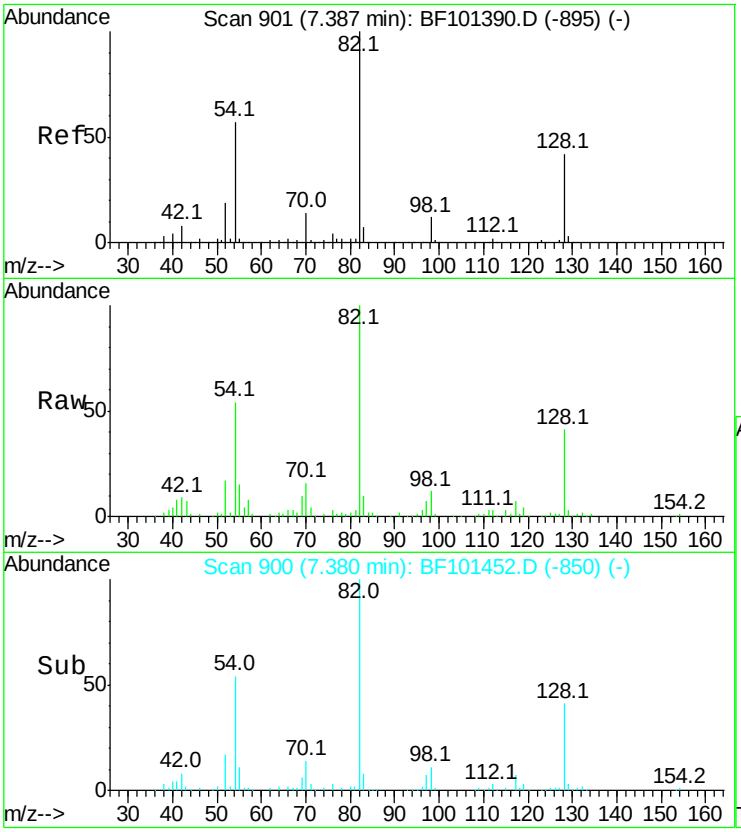


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:136 Resp: 622409

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4



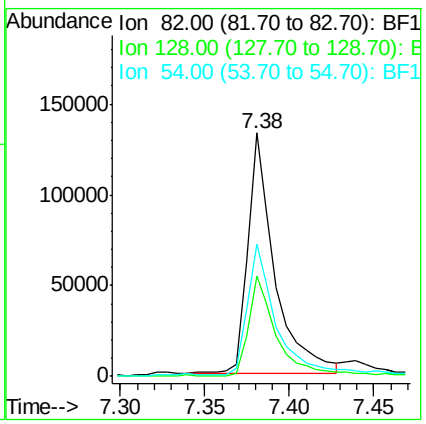


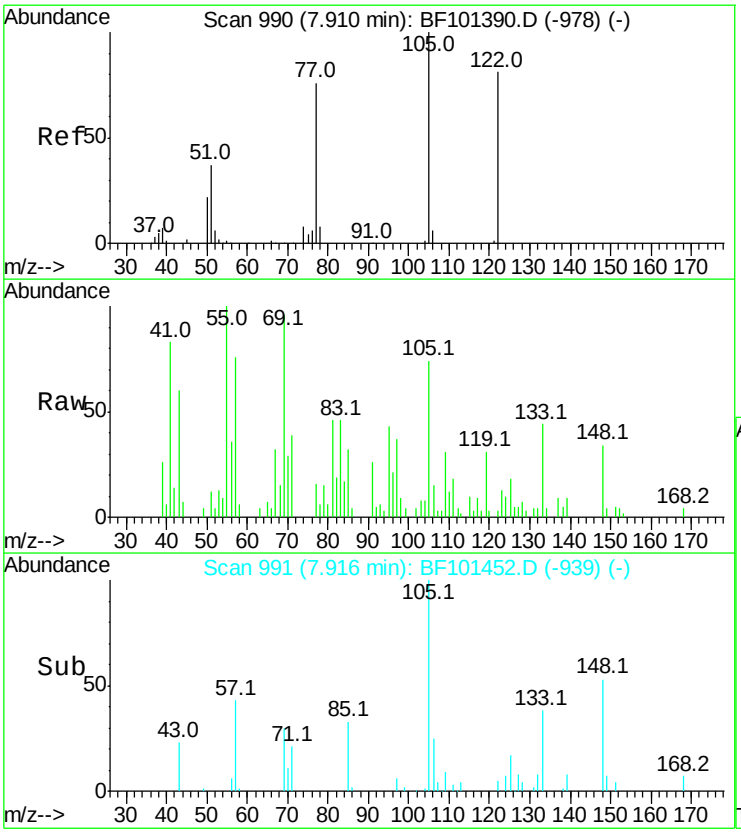
#23
Nitrobenzene-d5
Concen: 13.114 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 146632

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	54.4	41.4	62.2

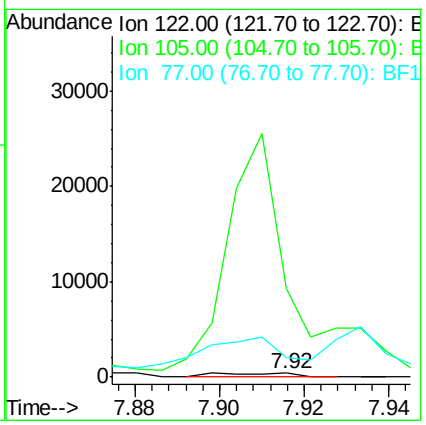


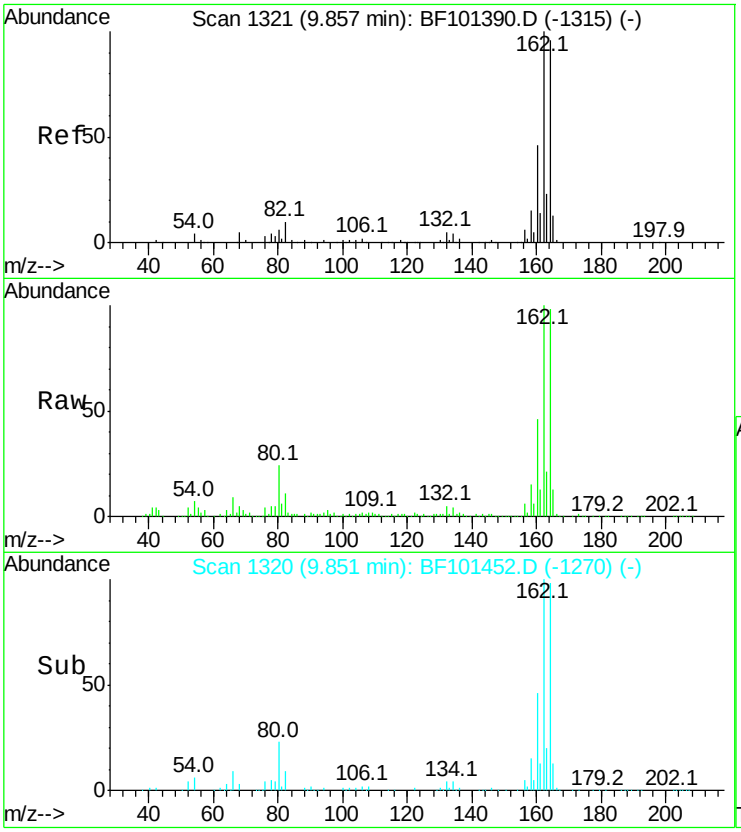


#32
Benzoic acid
Concen: 8.031 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:122 Resp: 510

Ion	Ratio	Lower	Upper
122	100		
105	2435.9	101.1	141.1#
77	527.6	70.7	110.7#



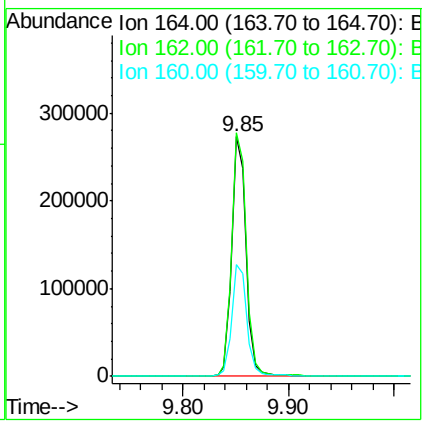


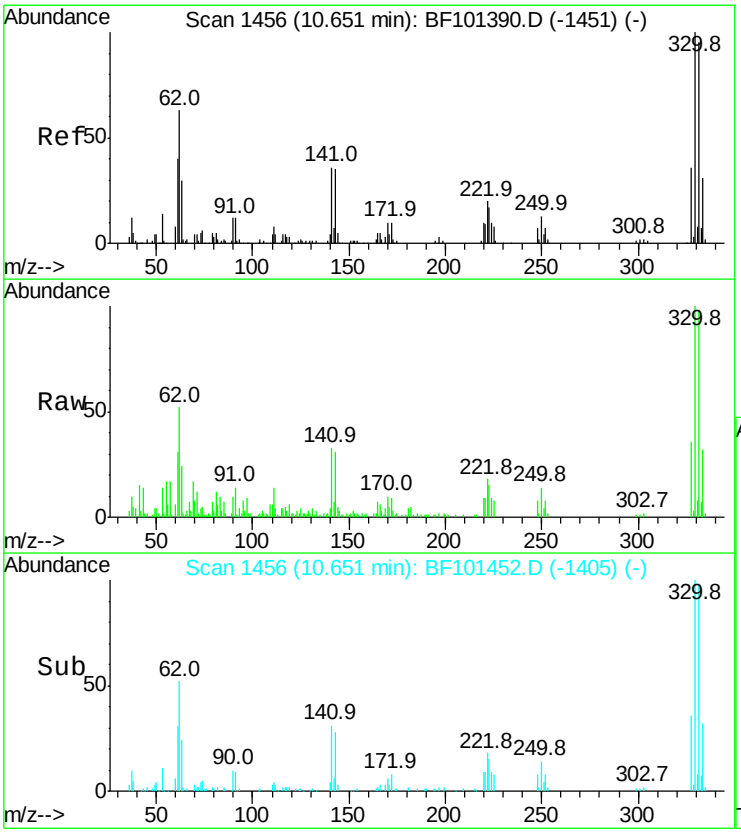
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 253884

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.4	38.3	57.5

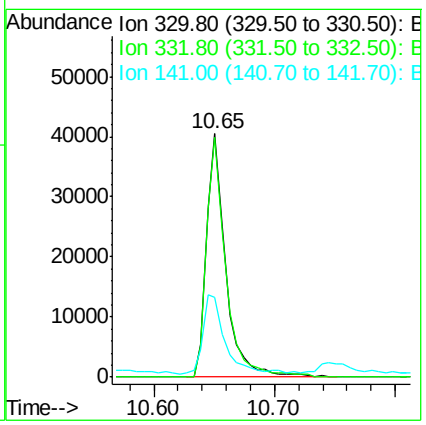


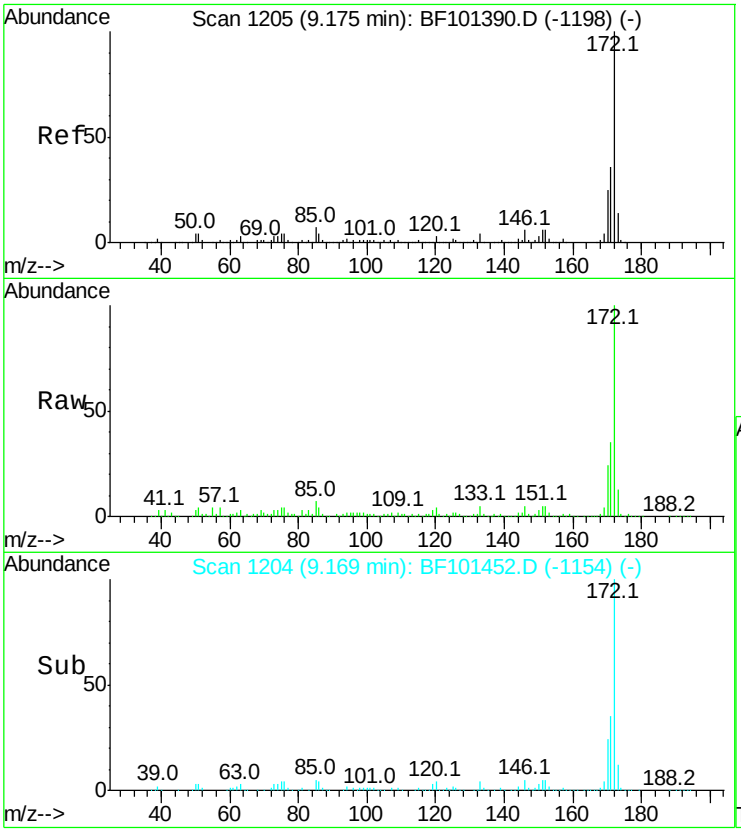


#41
2,4,6-Tribromophenol
Concen: 18.223 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:330 Resp: 44581

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	37.2	29.9	44.9



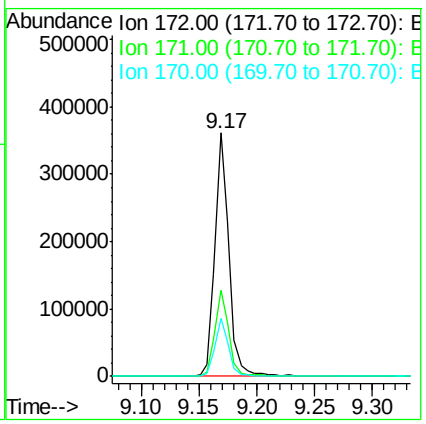


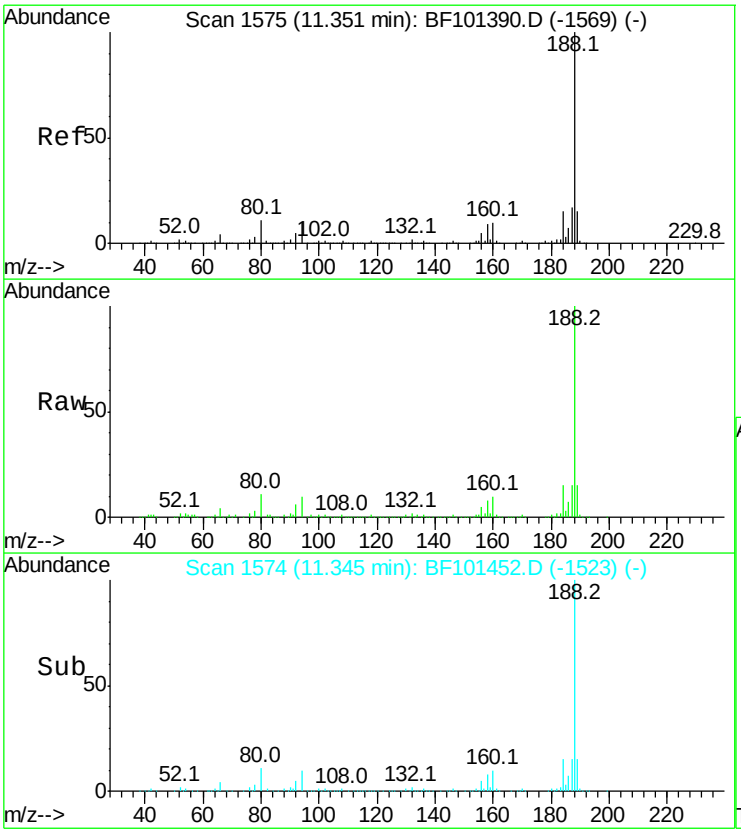
#44
2-Fluorobiphenyl
Concen: 18.584 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 304155

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4

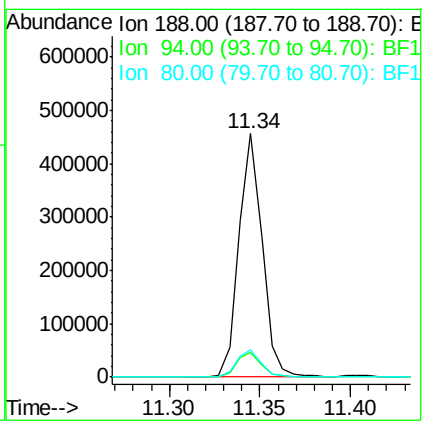


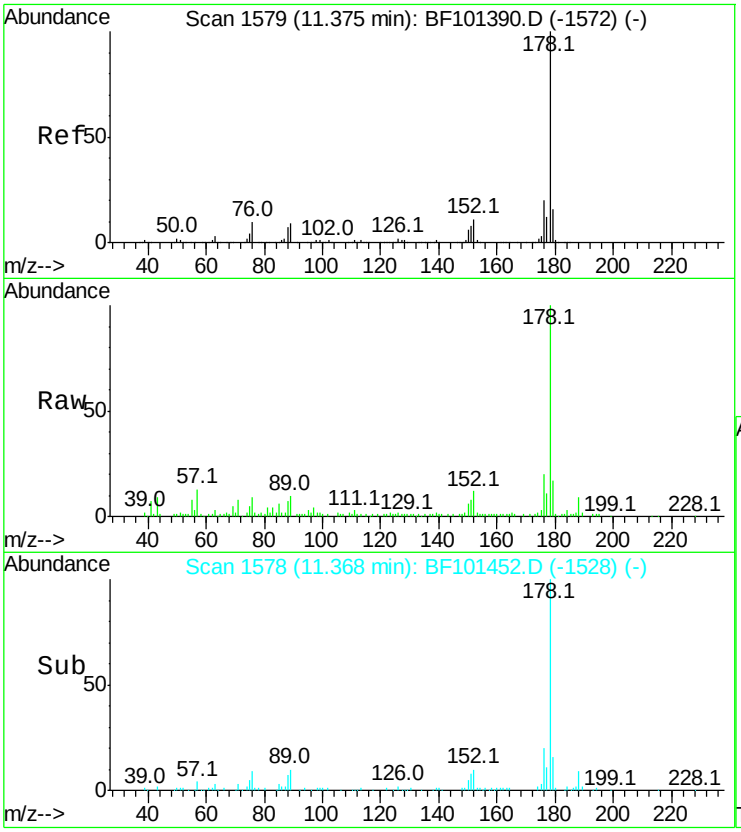


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:188 Resp: 409197

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.4	9.2	13.8



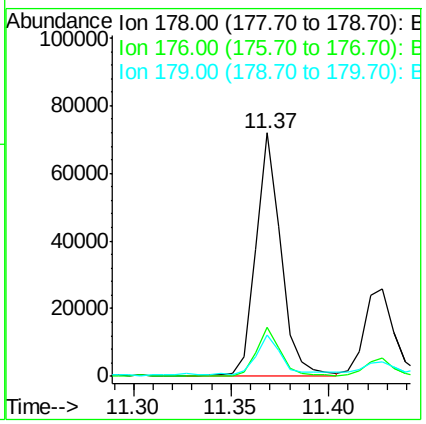


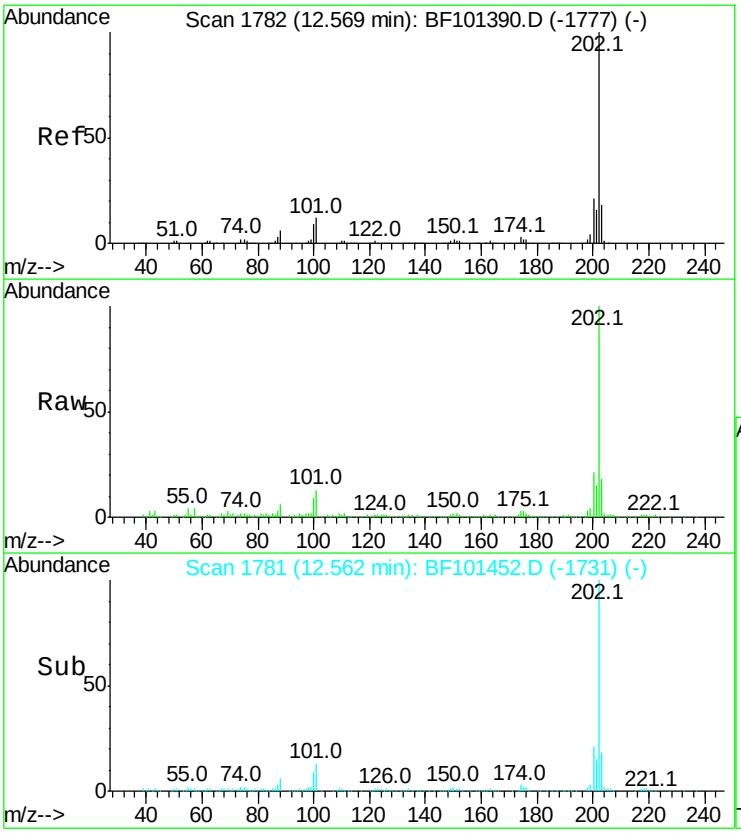
#70
Phenanthrene
Concen: 2.825 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64288

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.9	13.0	19.6

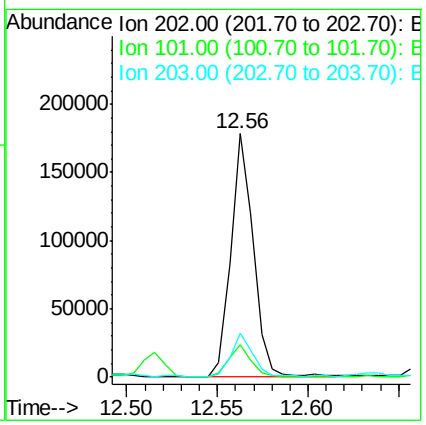


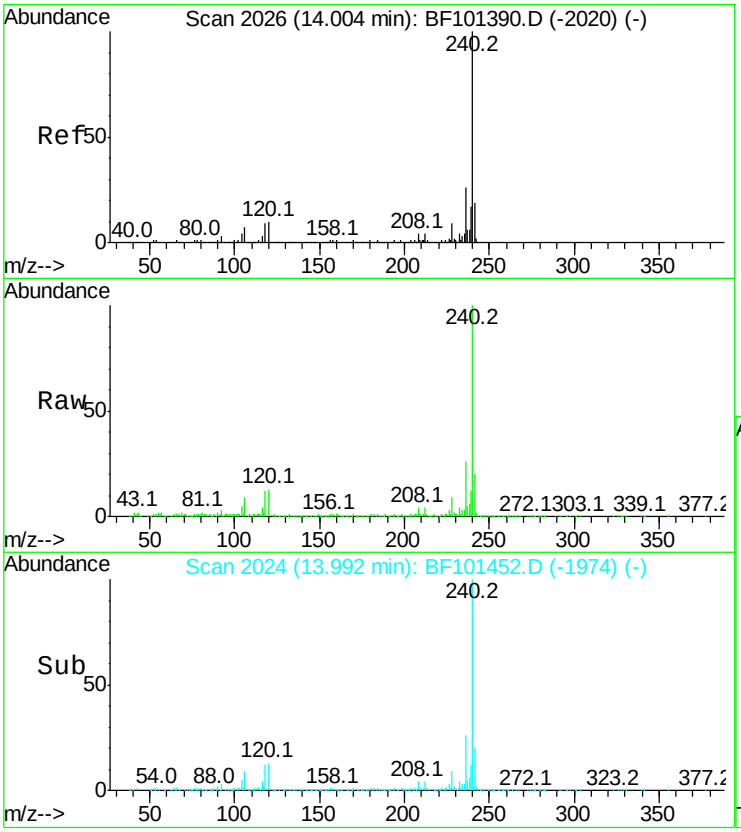


#74
Fluoranthene
Concen: 6.425 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:202 Resp: 153472

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.8	0.0	38.1



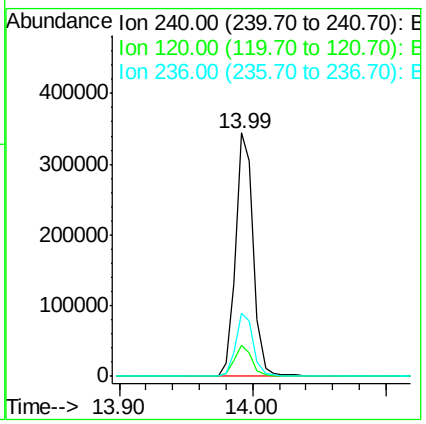


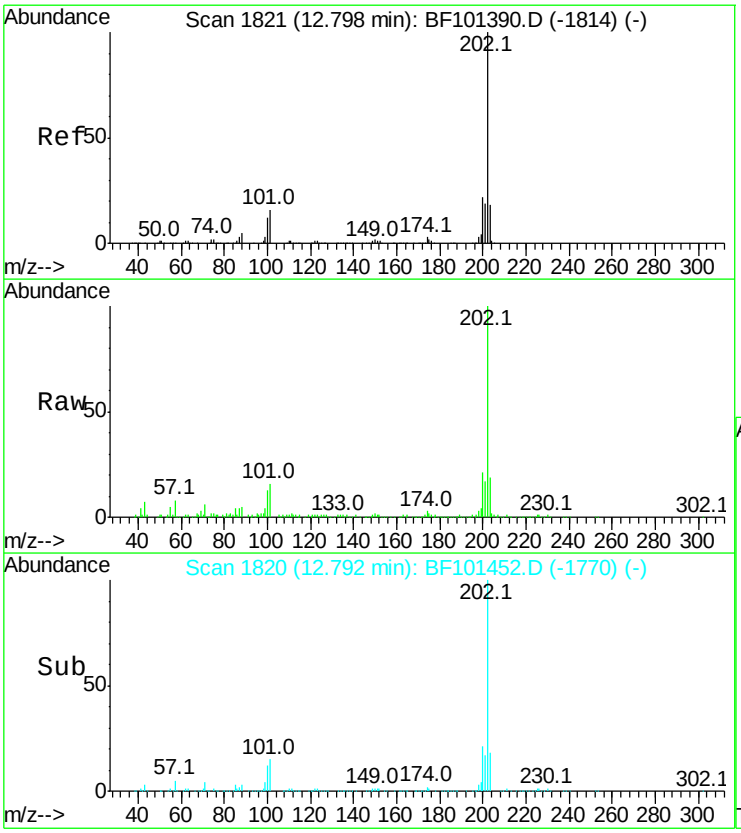
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 317890

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.8	20.7	31.1

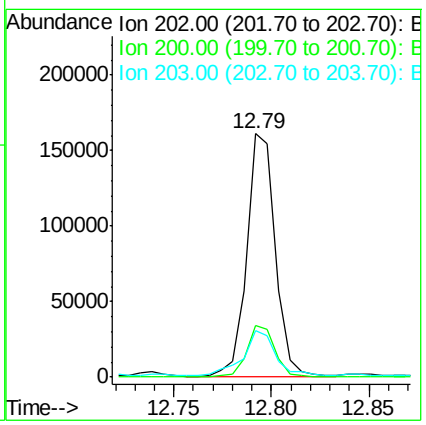


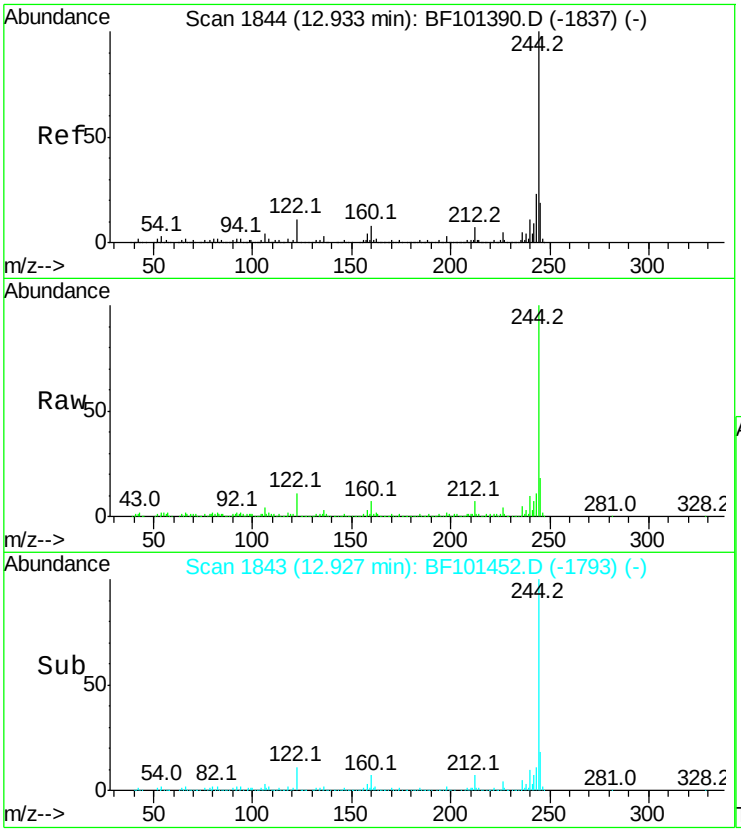


#77
Pyrene
Concen: 6.797 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:202 Resp: 162151

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	19.0	14.3	21.5



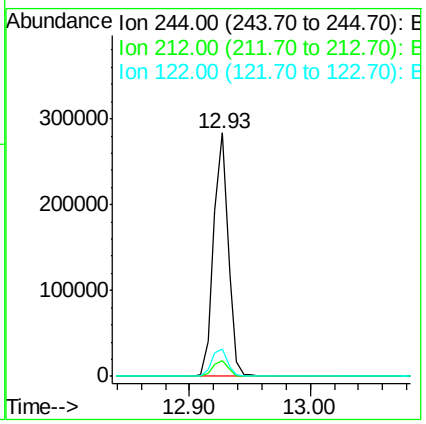


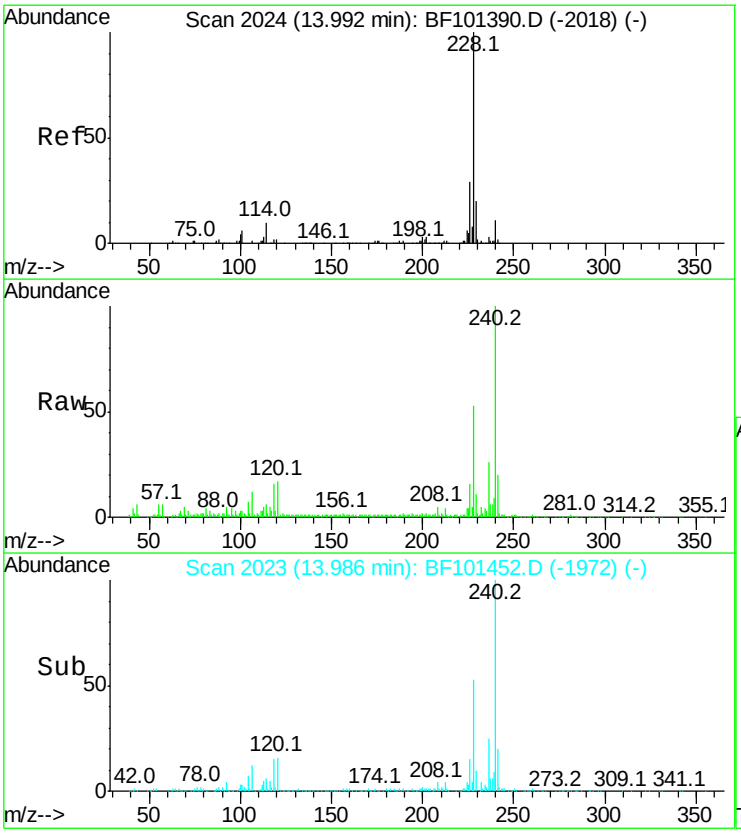
#78
Terphenyl-d14
Concen: 17.735 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 233855

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.3	11.0	16.4

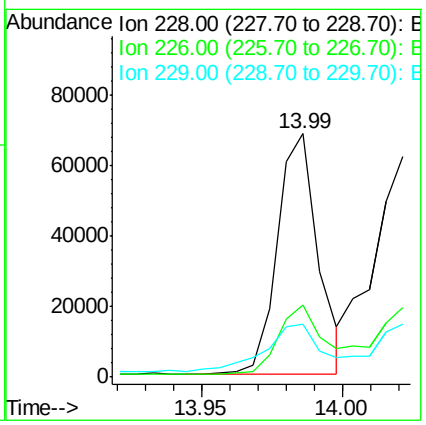


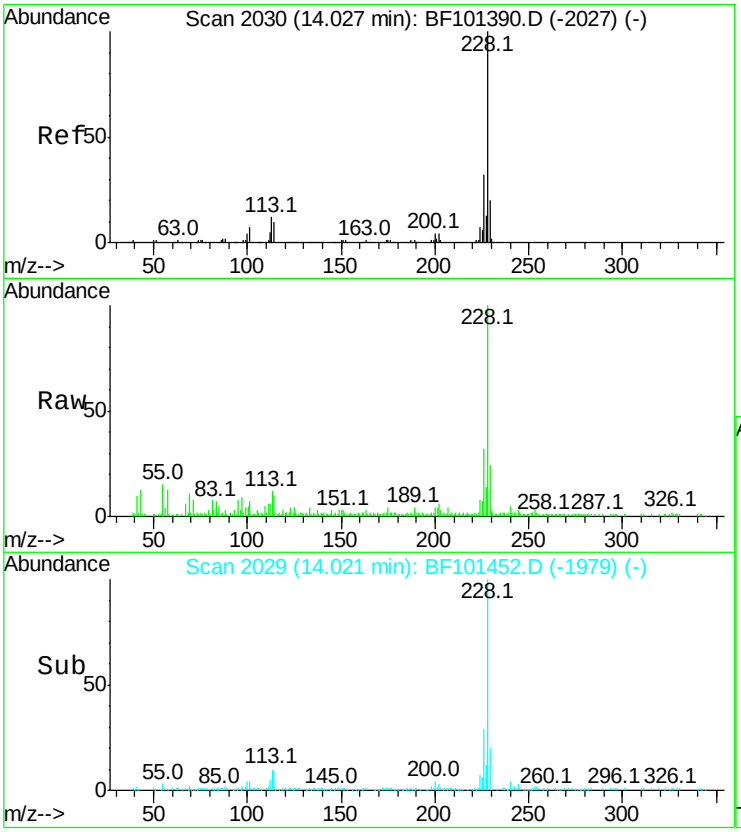


#80
Benzo(a)anthracene
Concen: 3.243 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:228 Resp: 68069

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.5	15.8	23.6



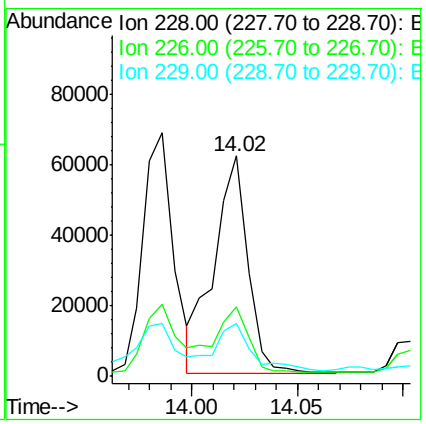


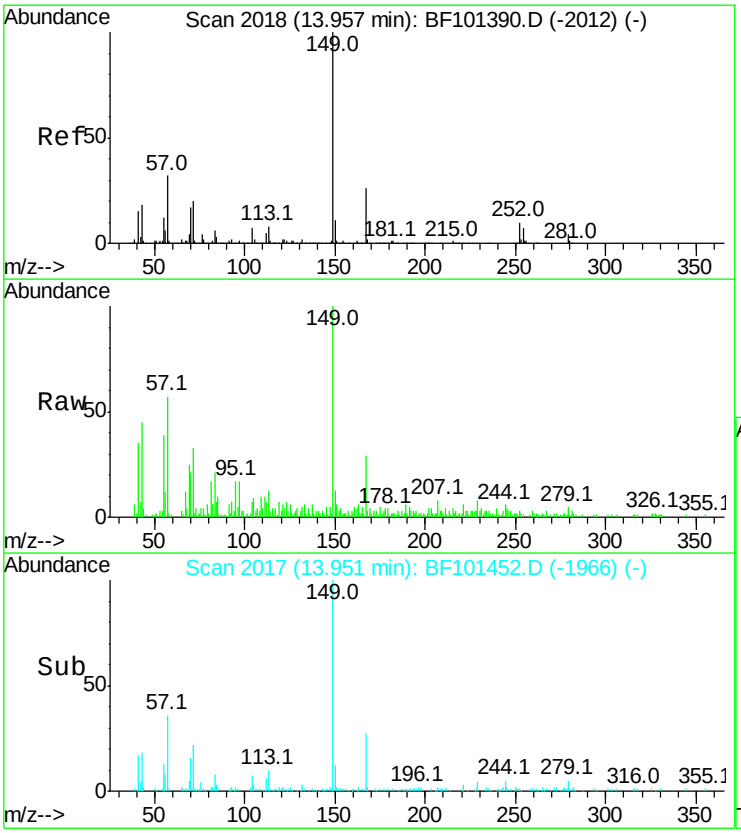
#82
Chrysene
Concen: 3.482 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 69001

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	23.7	16.2	24.4

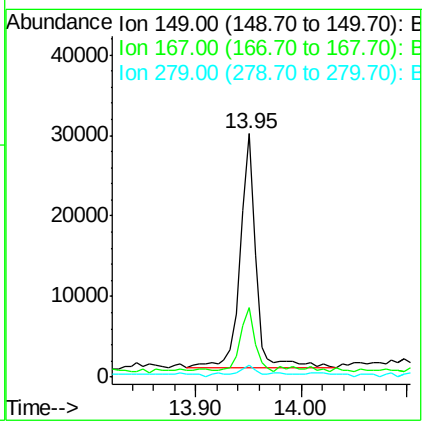


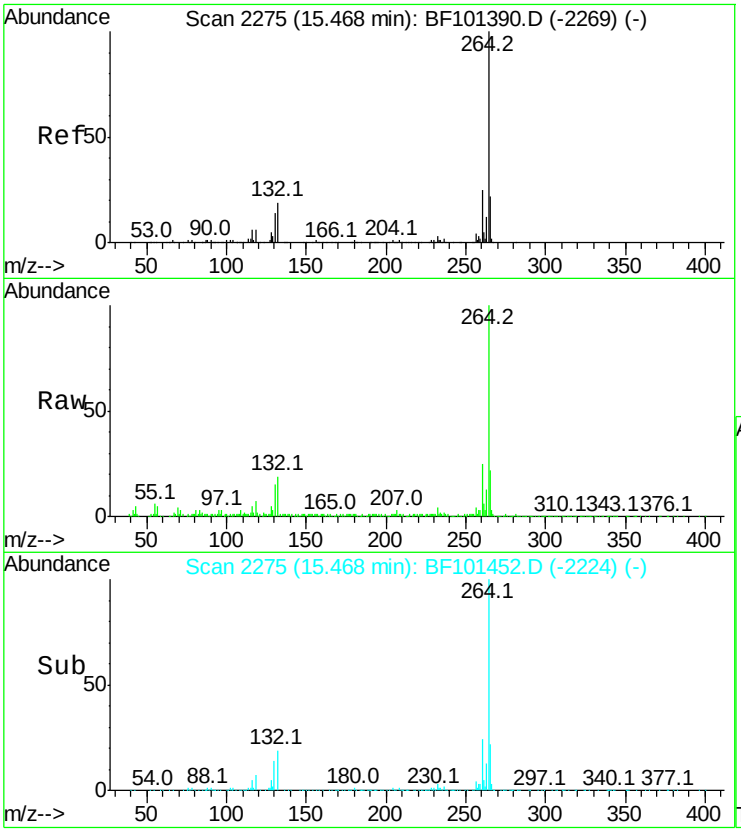


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.122 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:149 Resp: 29017

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.3	31.9
279	5.0	3.0	4.4#



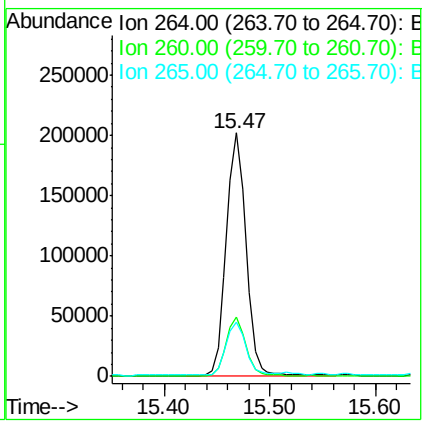


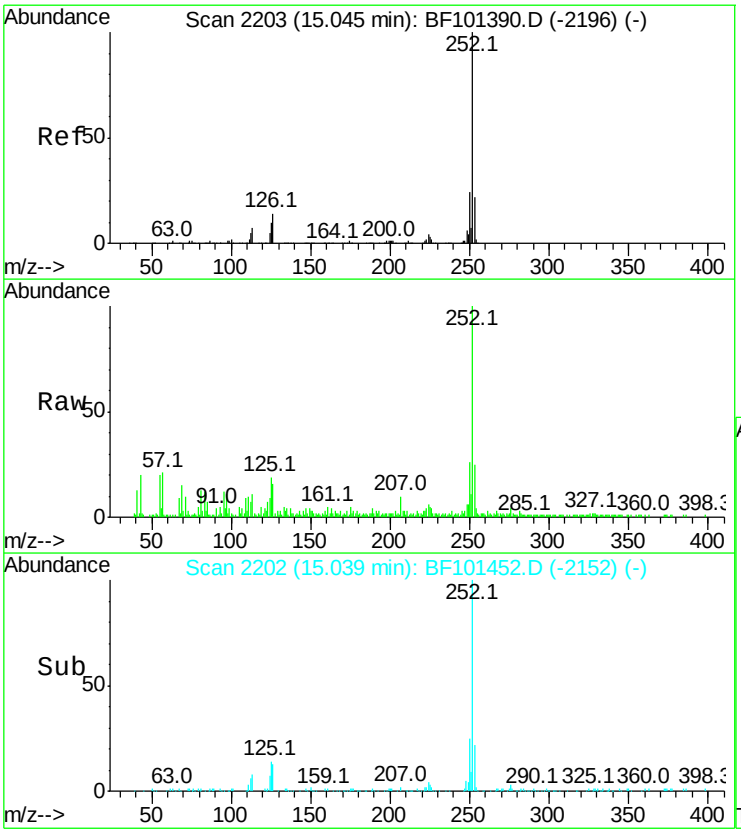
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 260128

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3

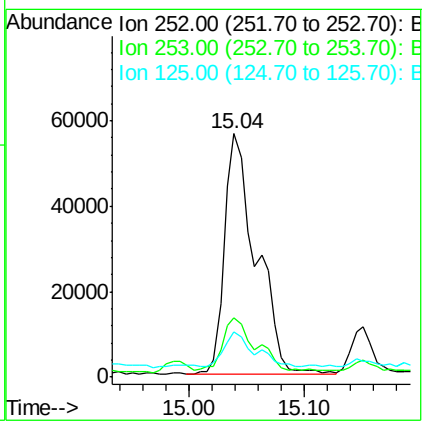


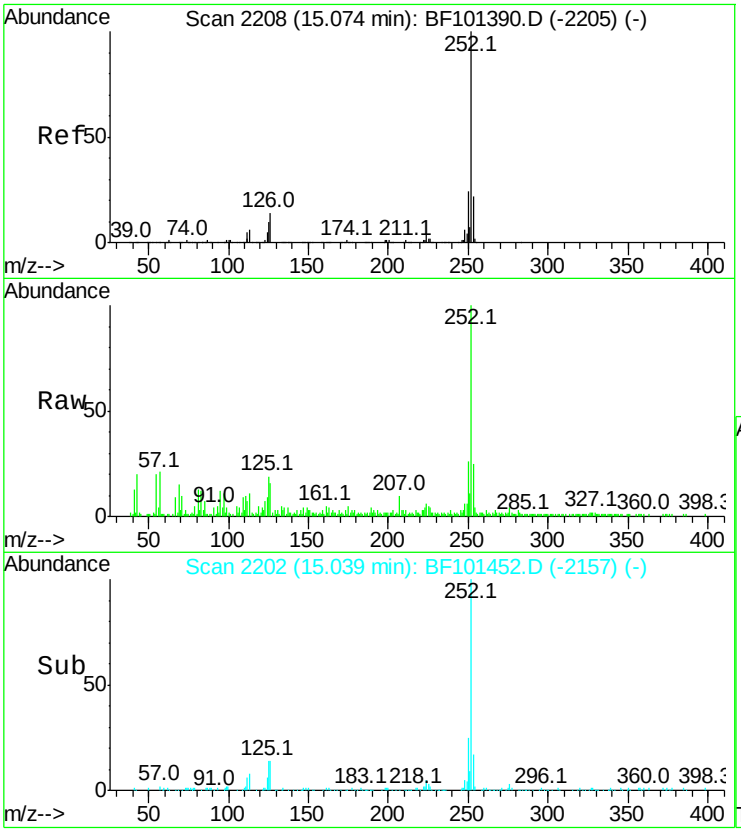


#87
Benzo(b)fluoranthene
Concen: 6.771 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:252 Resp: 107356

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	18.6	9.0	13.6#



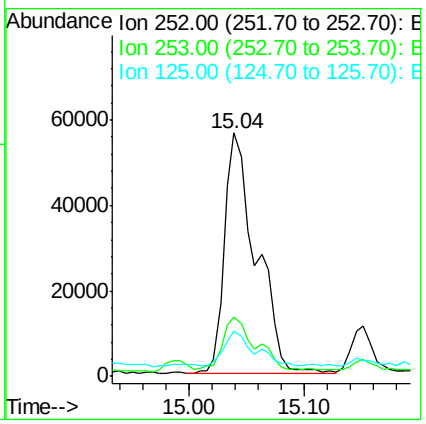


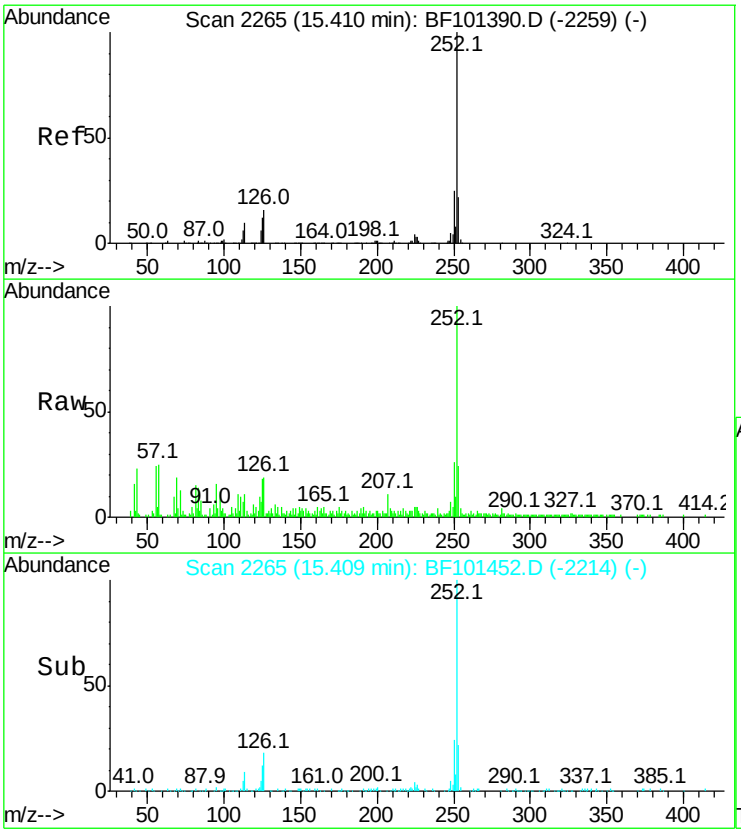
#88
Benzo(k)fluoranthene
Concen: 6.964 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 107356

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	18.6	10.2	15.2#

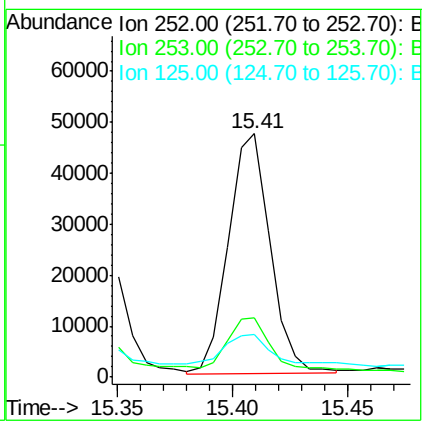


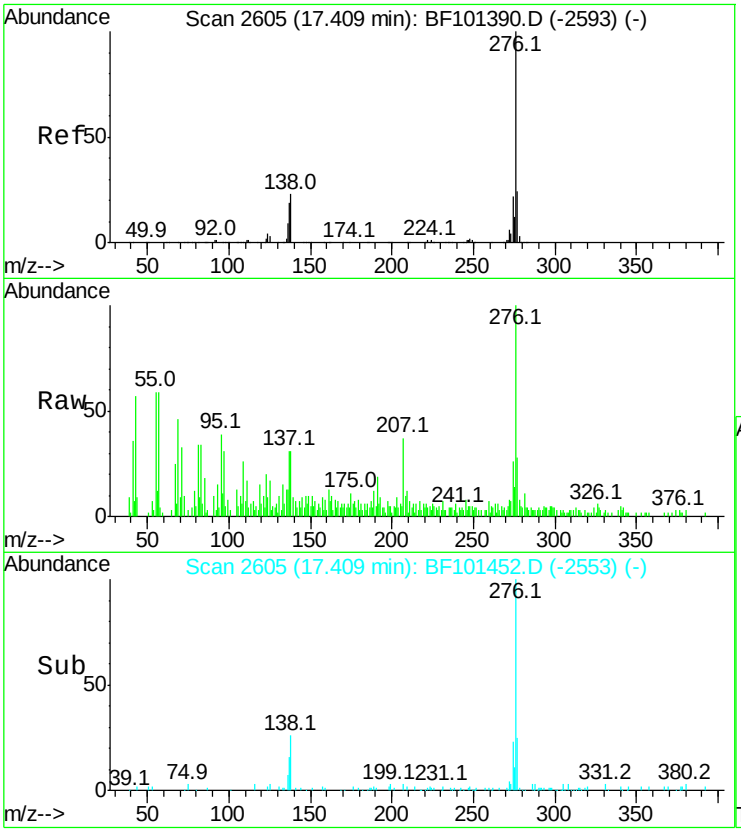


#89
Benzo(a)pyrene
Concen: 4.080 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion:252 Resp: 59631

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	17.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.634 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32728

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	31.0	21.8	32.8