Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
Data File : BF094532.D
Acq On : 19 Apr 2017 22:49
Operator : SJ/MA
Sample : I2749-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 03:08:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131097	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	535821	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	214197	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	404812	20.00	ng		0.00
75) Chrysene-d12	14.46	240	293970	20.00	ng		0.00
86) Perylene-d12	16.08	264	282003	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	177619	22.48	ng		0.00
7) Phenol-d6	5.38	99	224127	24.06	ng		0.00
23) Nitrobenzene-d5	6.41	82	129661	14.94	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	42017	25.08	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	261510	17.96	ng		0.00
78) Terphenyl-d14	13.19	244	194406	17.68	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.41	70	16636	2.70	ng	#	75
49) Dimethylphthalate	9.08	163	70399	4.41	ng		99
70) Phenanthrene	11.24	178	78115	3.43	ng		99
71) Anthracene	11.24	178	78115	3.31	ng		99
74) Fluoranthene	12.70	202	97690	4.13	ng		98
77) Pyrene	12.98	202	104708	5.10	ng		96
80) Benzo(a)anthracene	14.45	228	38980	2.28	ng		96
82) Chrysene	14.49	228	39508	2.53	ng		94
87) Benzo(b)fluoranthene	15.68	252	60387	3.50	ng		95
88) Benzo(k)fluoranthene	15.68	252	60387	3.70	ng		96
89) Benzo(a)pyrene	16.02	252	36397	2.27	ng	#	97

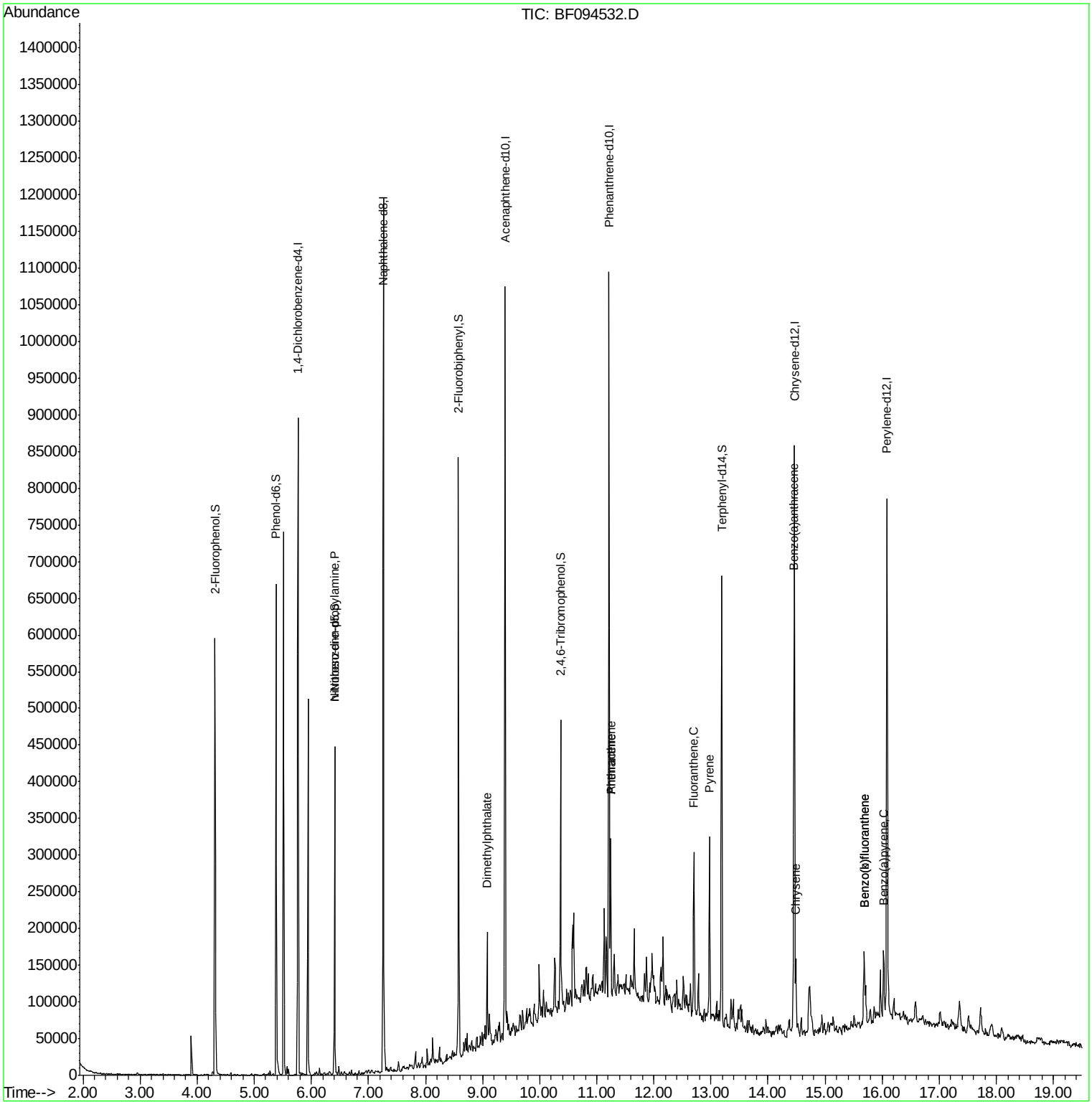
(#) = qualifier out of range (m) = manual integration (+) = signals summed

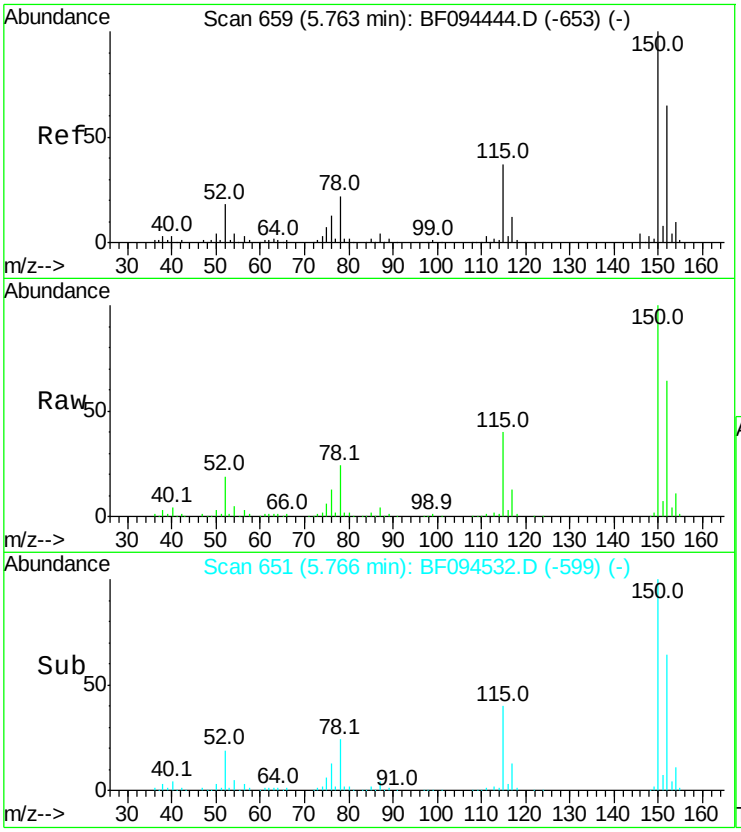
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
Data File : BF094532.D
Acq On : 19 Apr 2017 22:49
Operator : SJ/MA
Sample : I2749-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 03:08:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



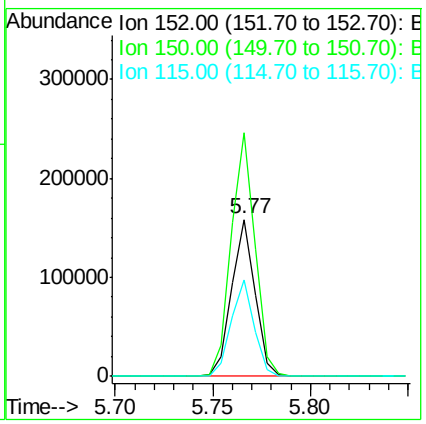


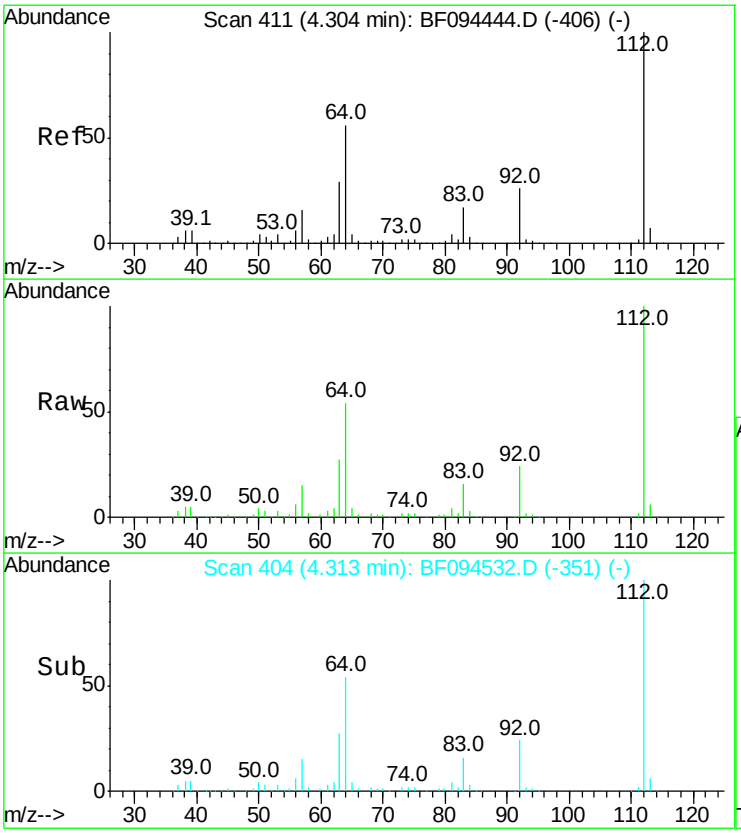
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131097

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	62.0	52.2	78.2

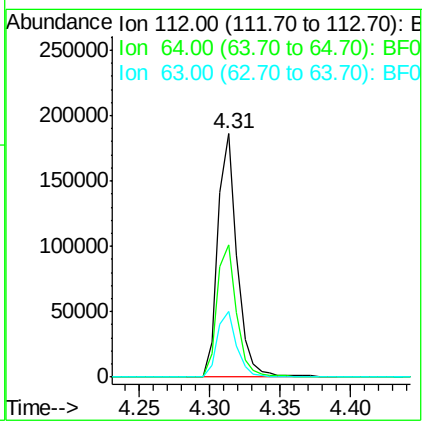


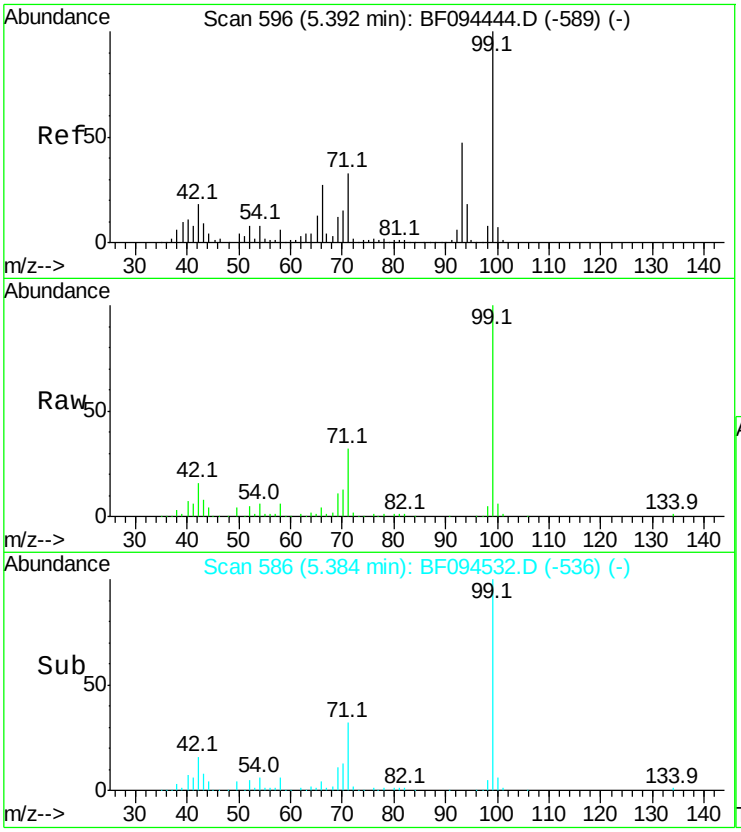


#5
2-Fluorophenol
Concen: 22.48 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:112 Resp: 177619

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.2	23.4	35.0



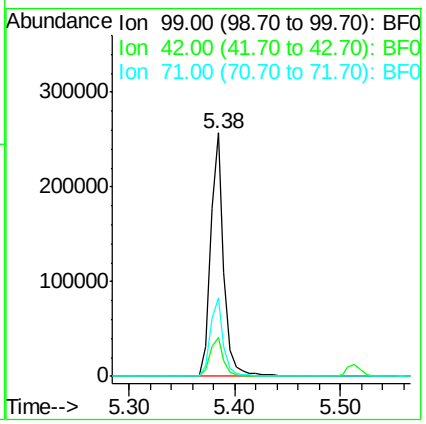


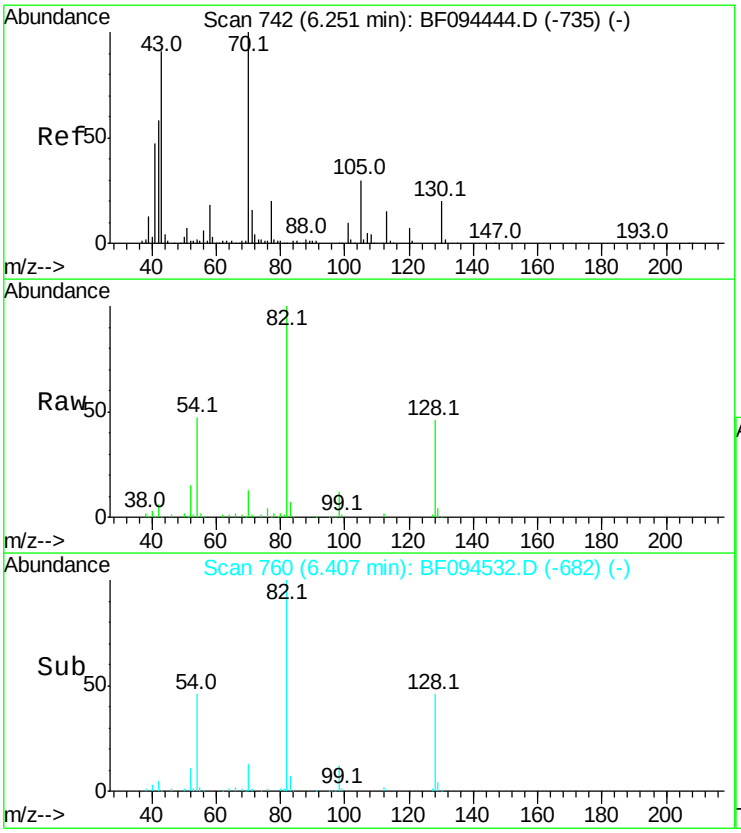
#7
Phenol-d6
Concen: 24.06 ng
RT: 5.38 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 224127

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.1	24.5	36.7

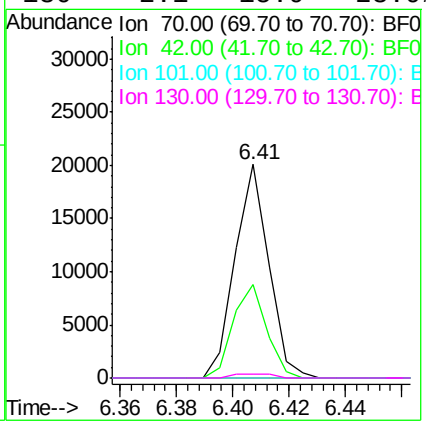


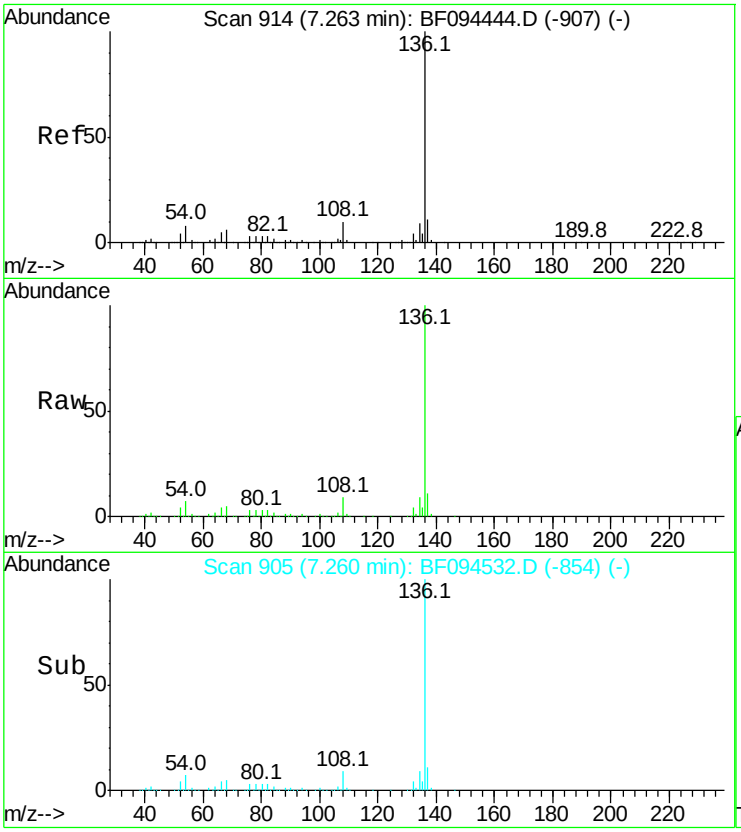


#19
n-Nitroso-di-n-propylamine
Concen: 2.70 ng
RT: 6.41 min Scan# 760
Delta R.T. 0.16 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion: 70 Resp: 16636

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



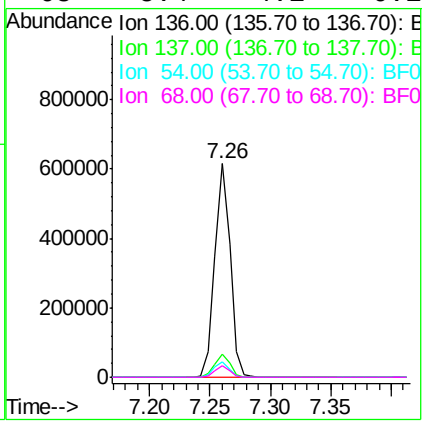


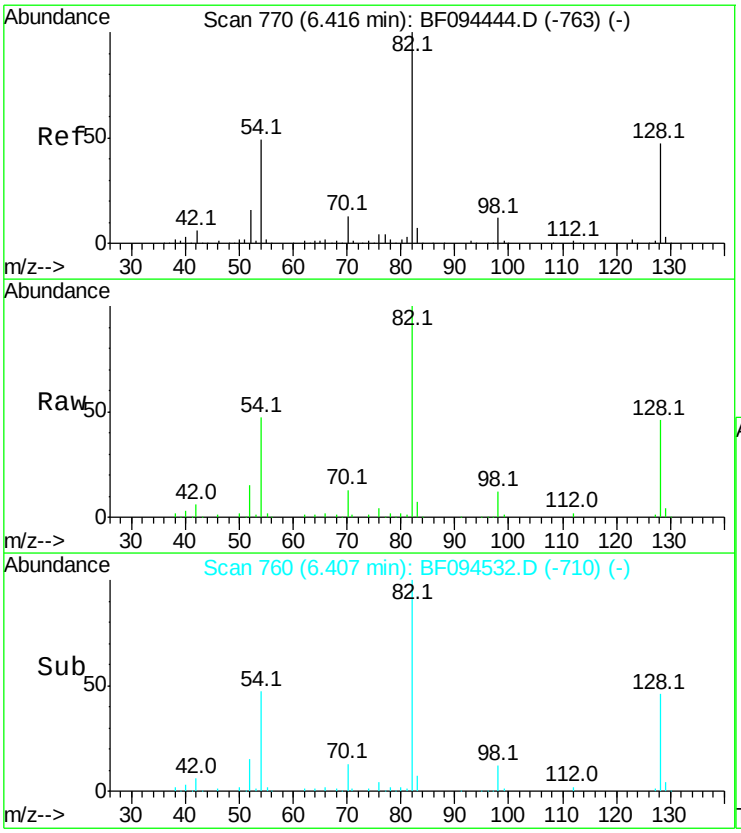
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 535821

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3
68	5.4	4.1	6.1

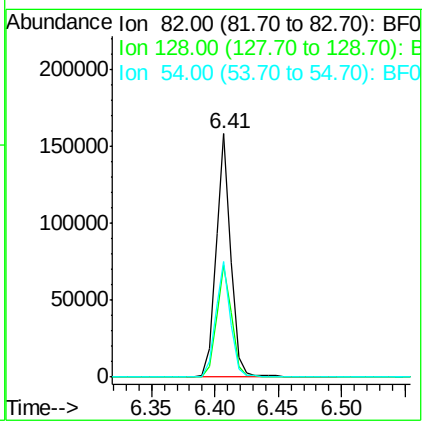


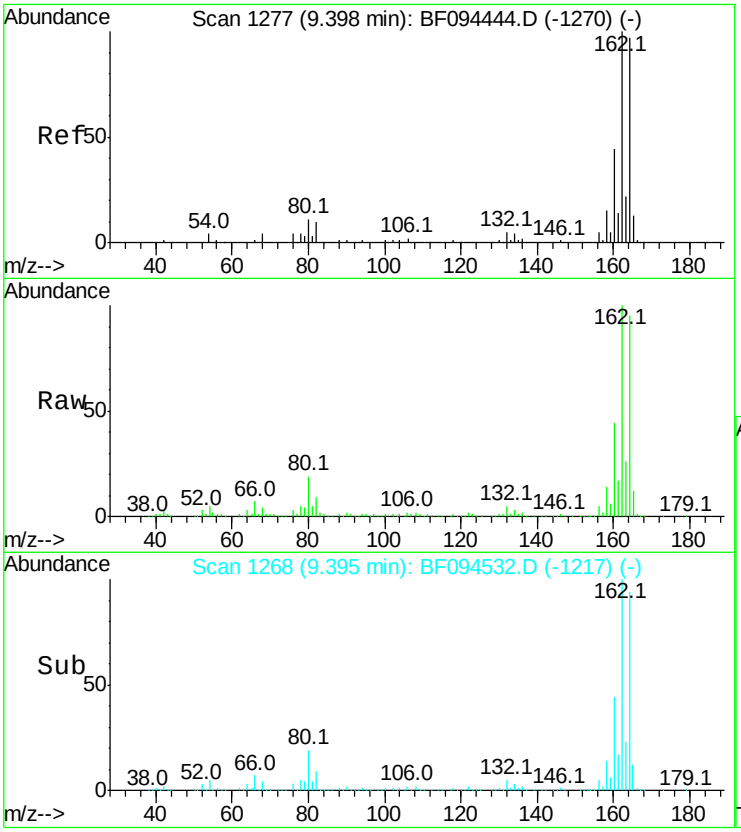


#23
Nitrobenzene-d5
Concen: 14.94 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion: 82 Resp: 129661

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	47.4	42.2	63.2



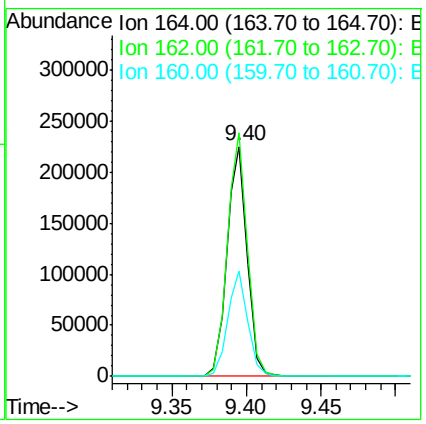


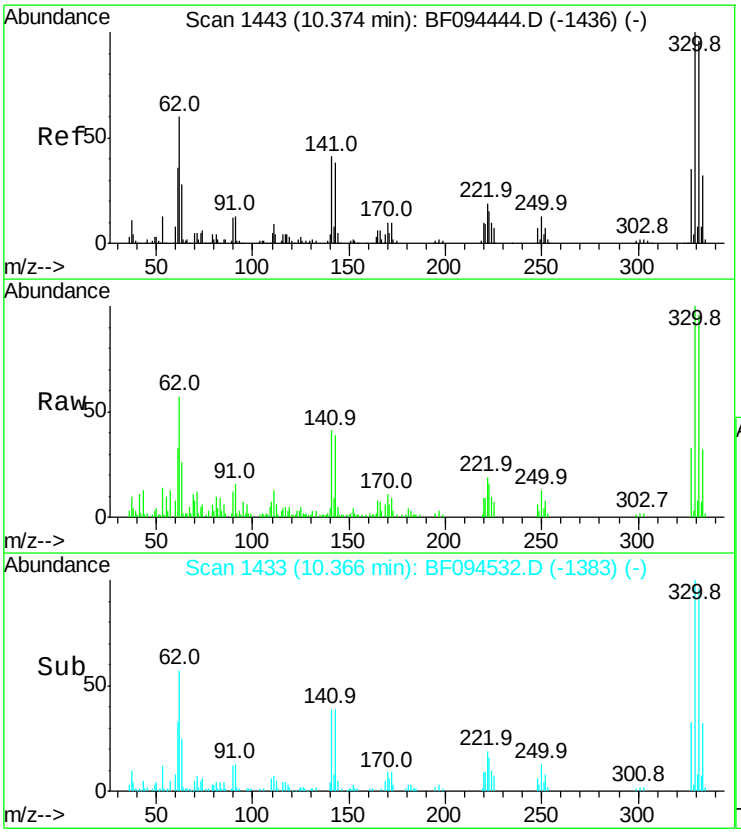
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 214197

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	46.1	36.2	54.2

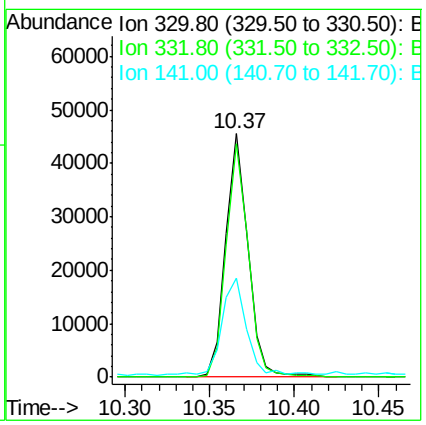


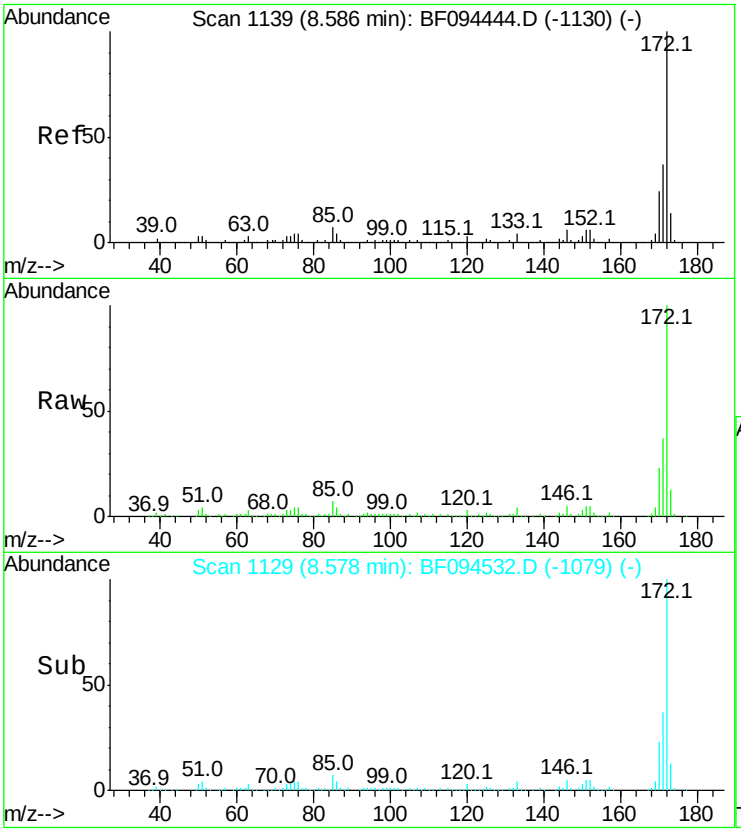


#41
2,4,6-Tribromophenol
Concen: 25.08 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:330 Resp: 42017

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	44.5	31.4	47.2



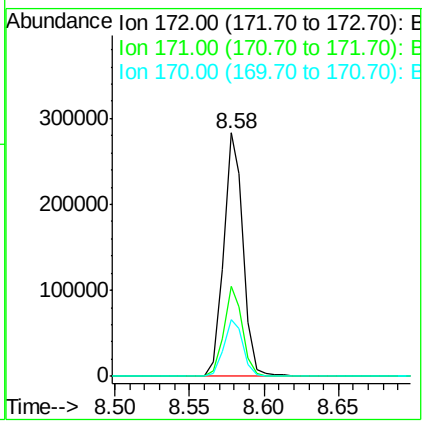


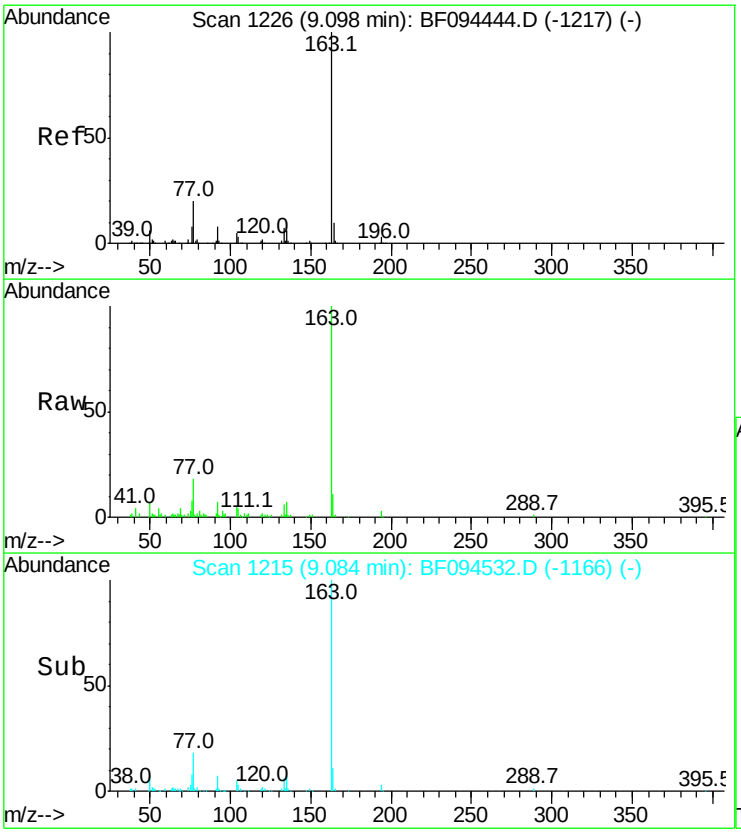
#44
2-Fluorobiphenyl
Concen: 17.96 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 261510

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.0	19.8	29.8

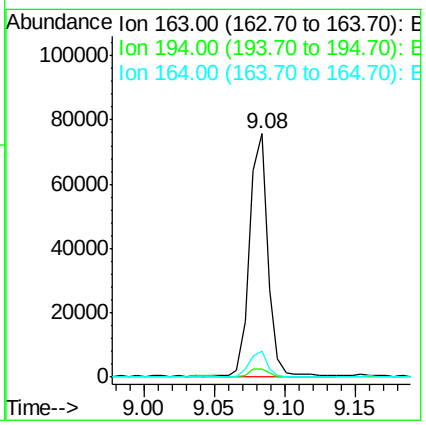


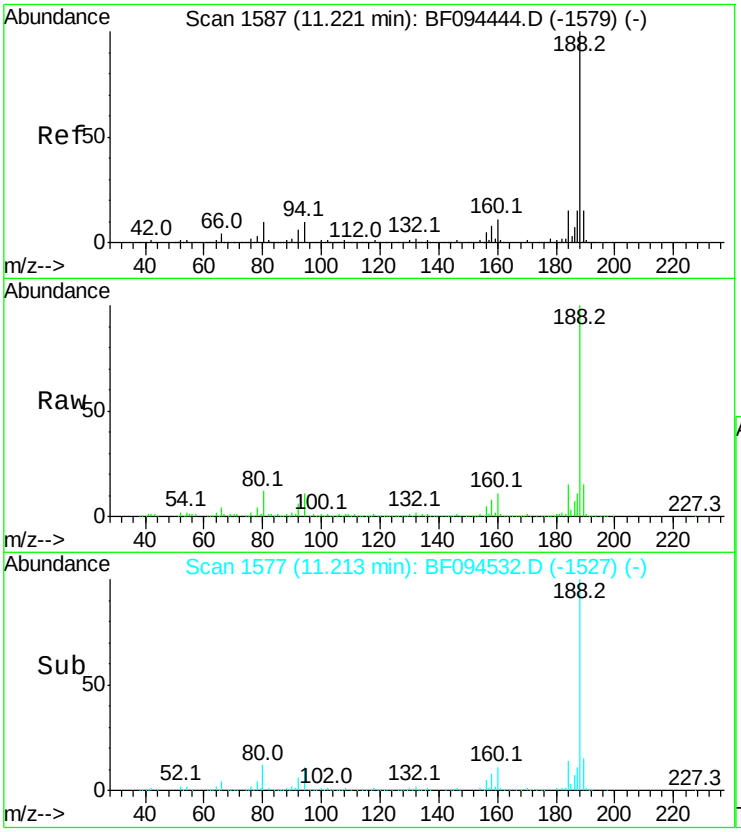


#49
Dimethylphthalate
Concen: 4.41 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:163 Resp: 70399

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.9	8.4	12.6



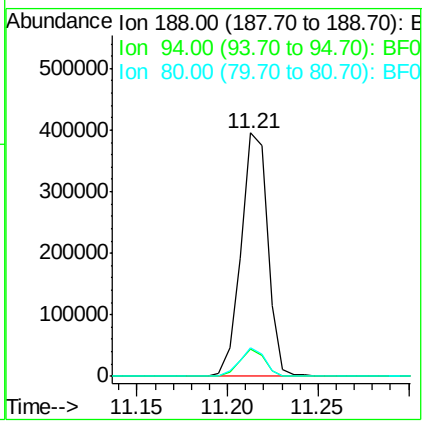


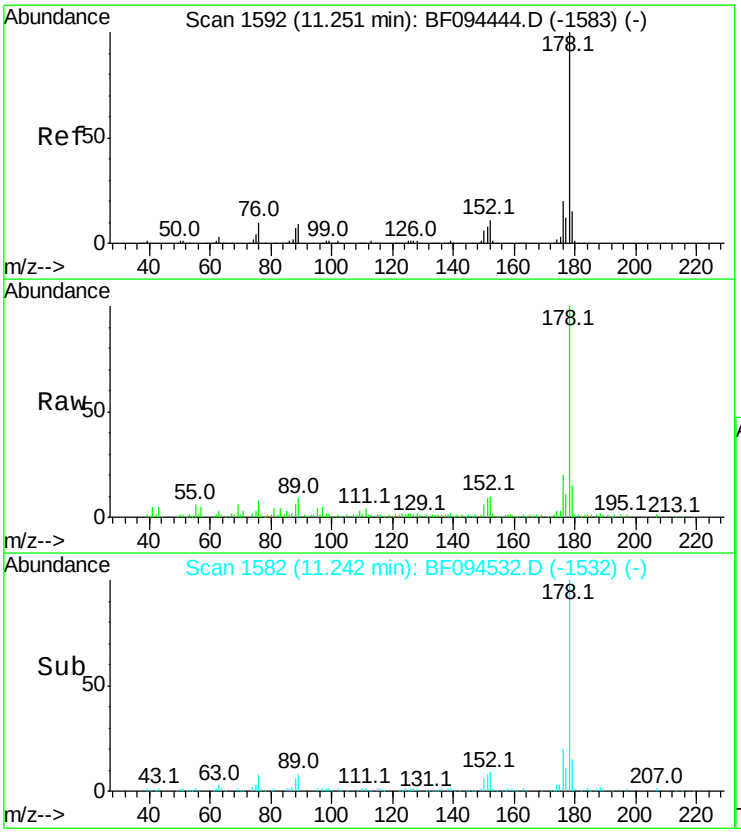
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 404812

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.9	10.2	15.2

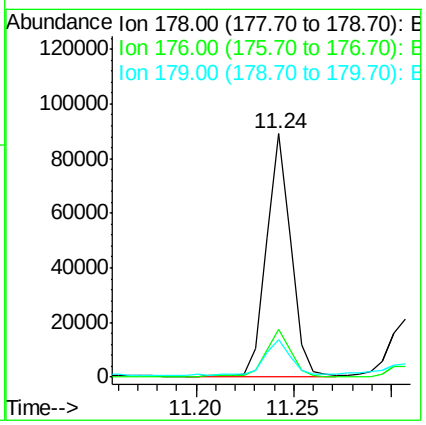


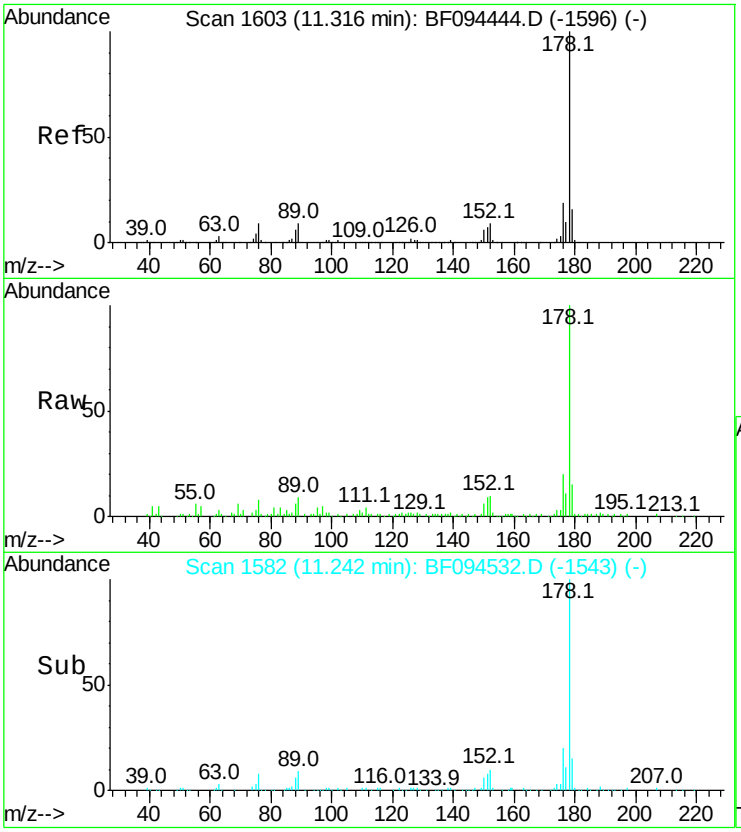


#70
Phenanthrene
Concen: 3.43 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:178 Resp: 78115

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0



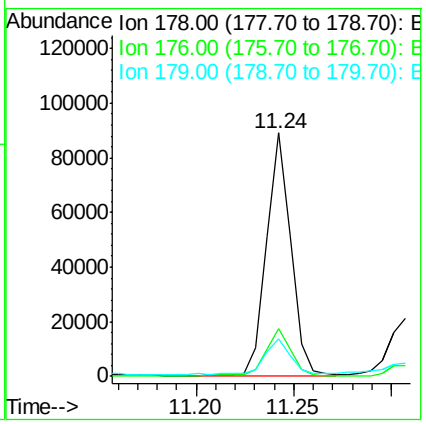


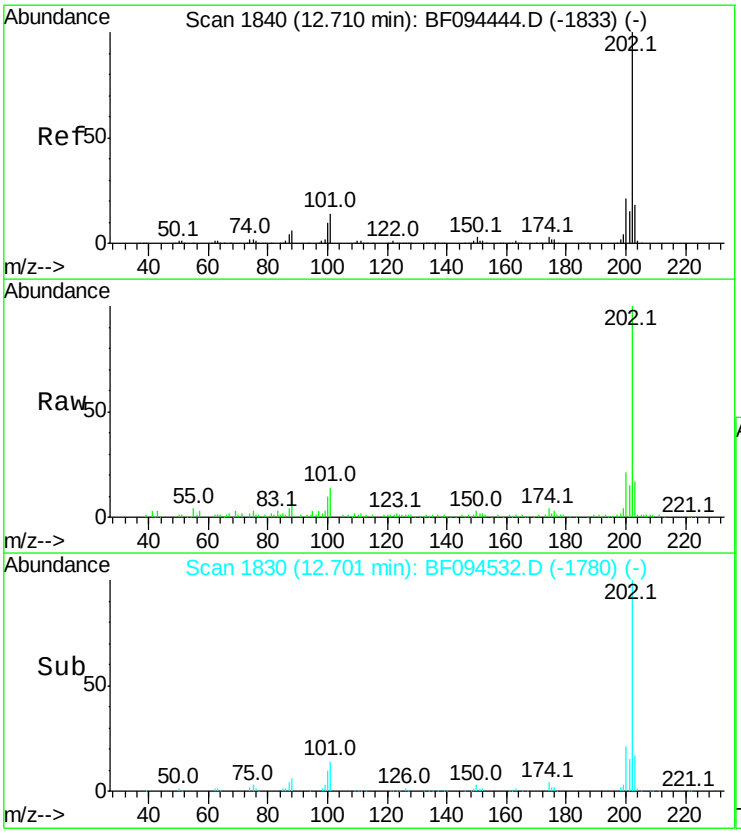
#71
Anthracene
Concen: 3.31 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.07 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 78115

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.7	19.1

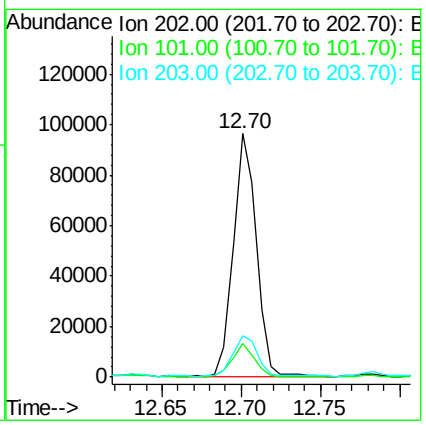


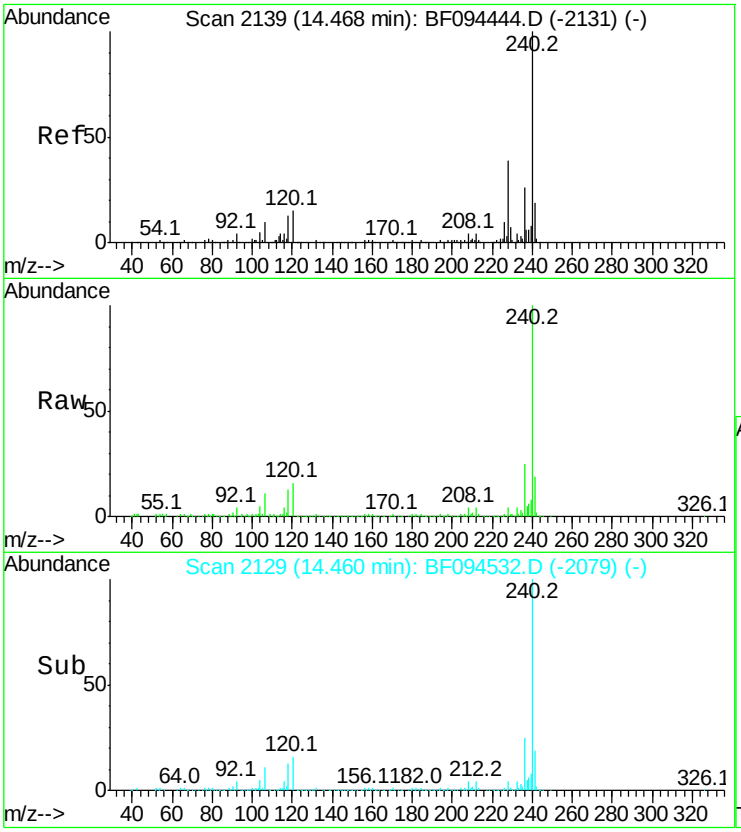


#74
Fluoranthene
Concen: 4.13 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:202 Resp: 97690

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.2	0.0	38.1



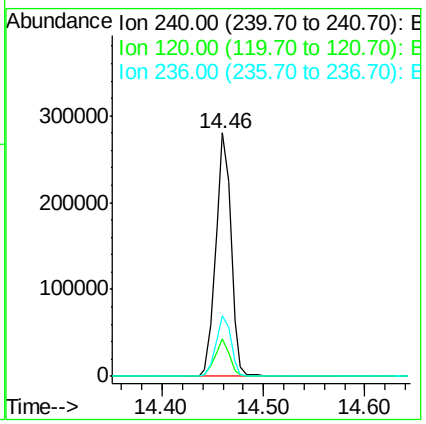


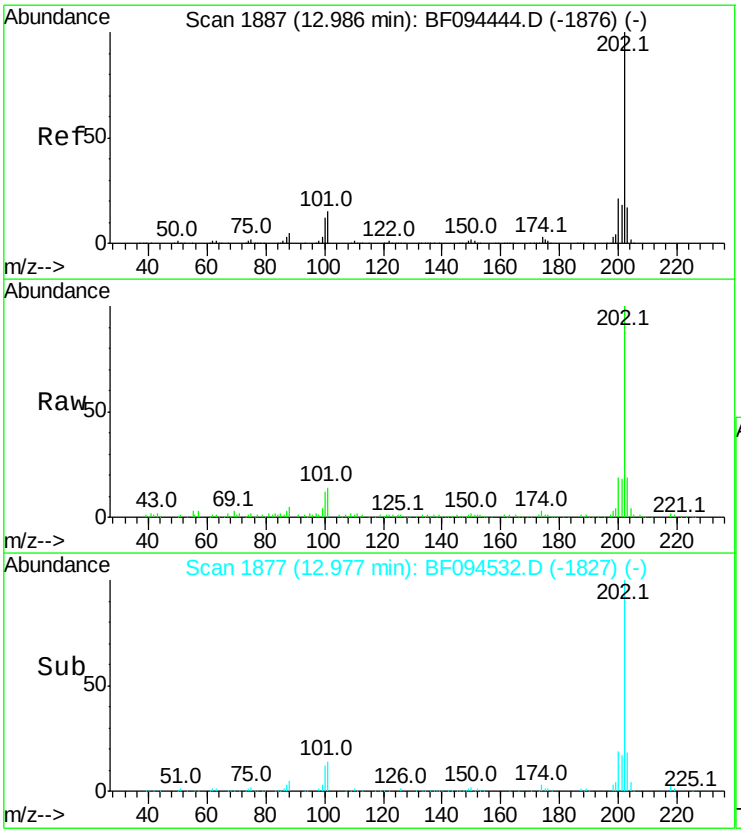
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 293970

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.8	20.5	30.7

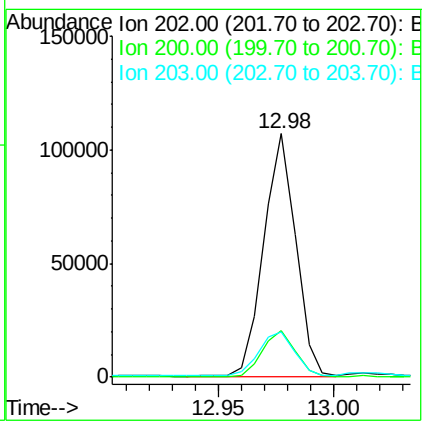


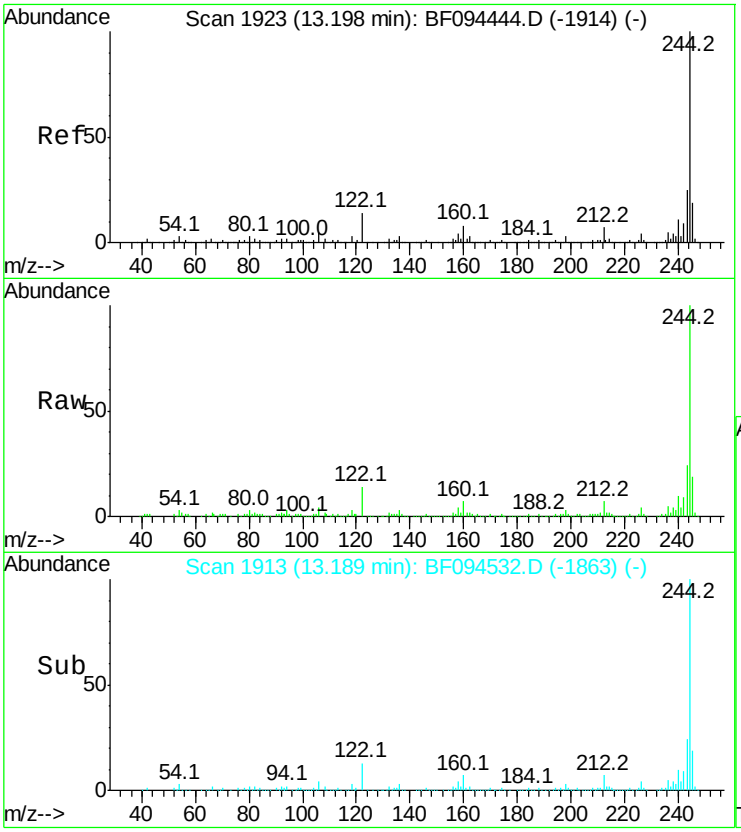


#77
Pyrene
Concen: 5.10 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:202 Resp: 104708

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.6	26.4
203	18.6	14.4	21.6



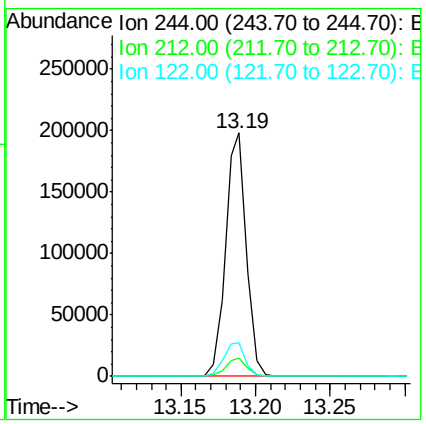


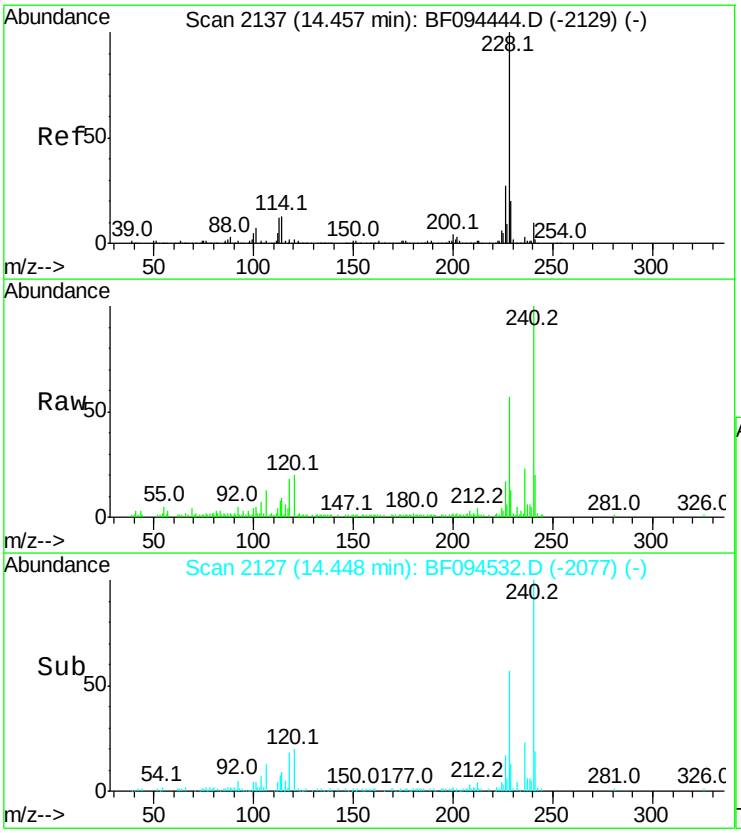
#78
Terphenyl-d14
Concen: 17.68 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 194406

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.6	10.3	15.5

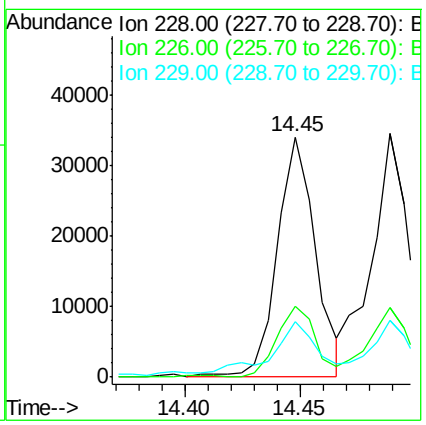


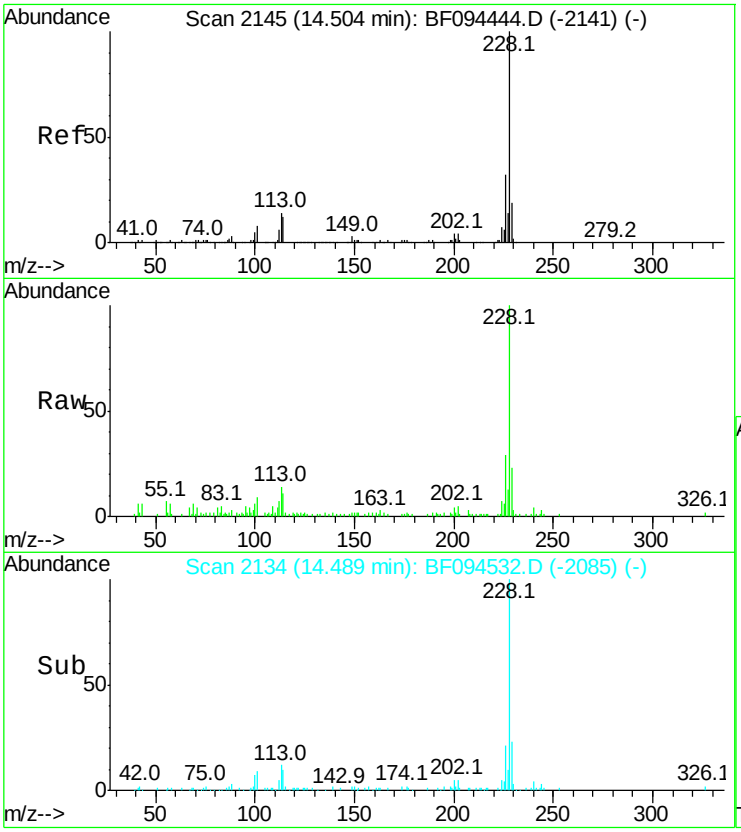


#80
Benzo(a)anthracene
Concen: 2.28 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:228 Resp: 38980

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.9	16.3	24.5



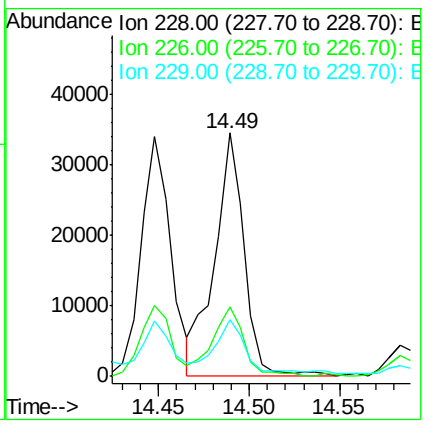


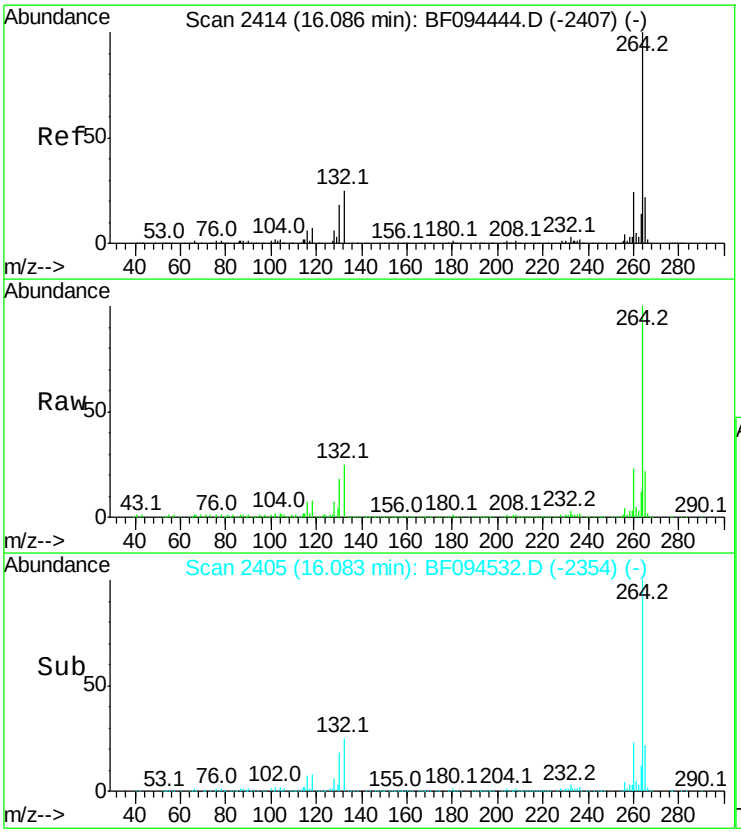
#82
Chrysene
Concen: 2.53 ng
RT: 14.49 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39508

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	23.5	15.8	23.6

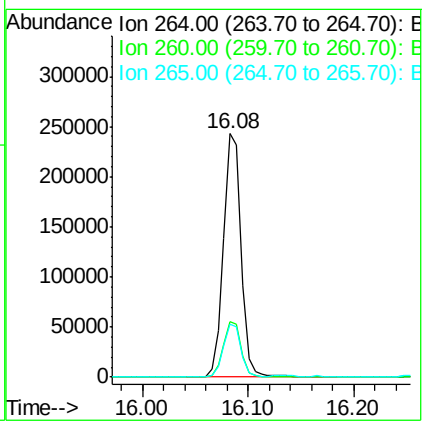


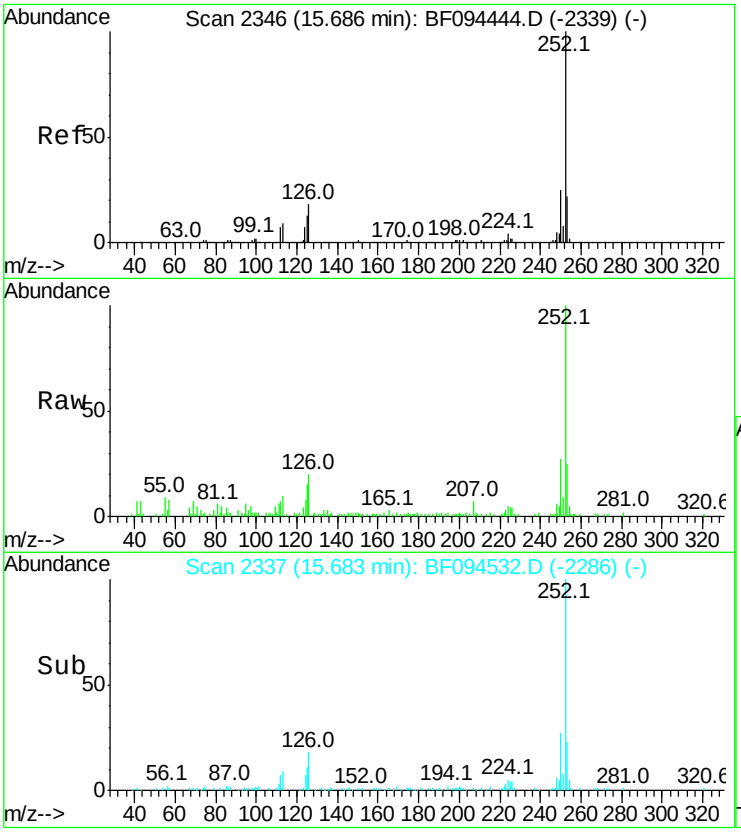


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:264 Resp: 282003

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.6	17.2	25.8



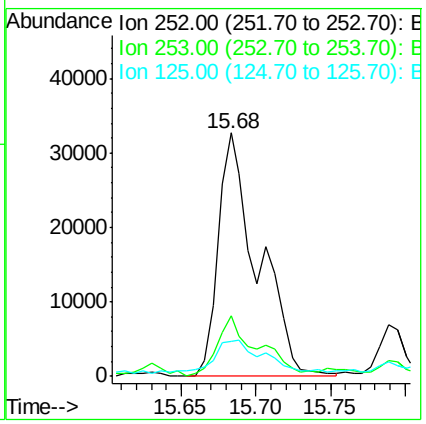


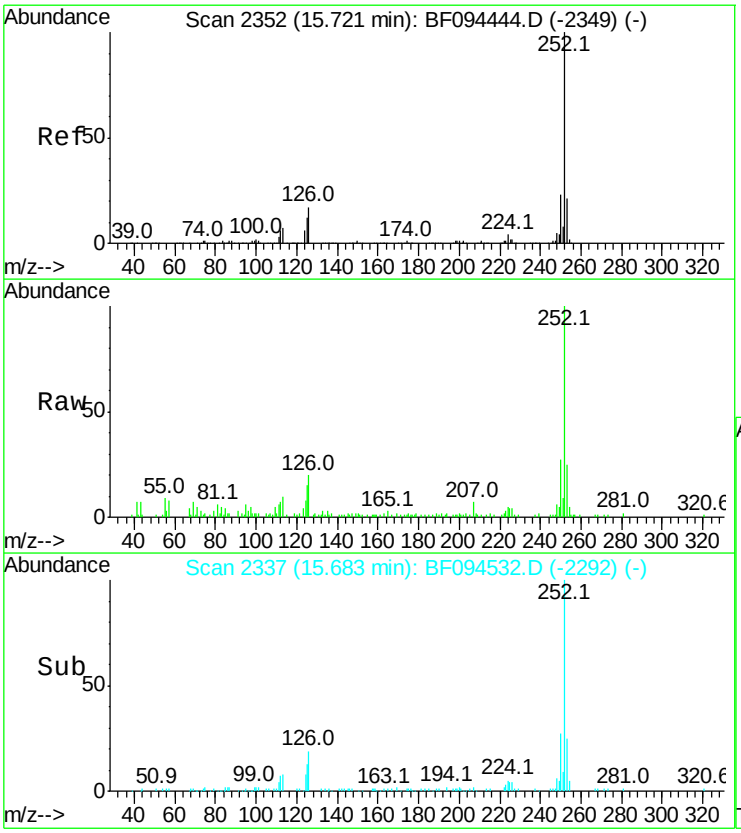
#87
Benzo(b)fluoranthene
Concen: 3.50 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 60387

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	14.6	9.8	14.8

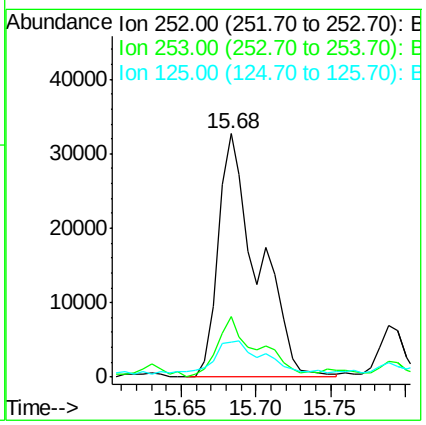


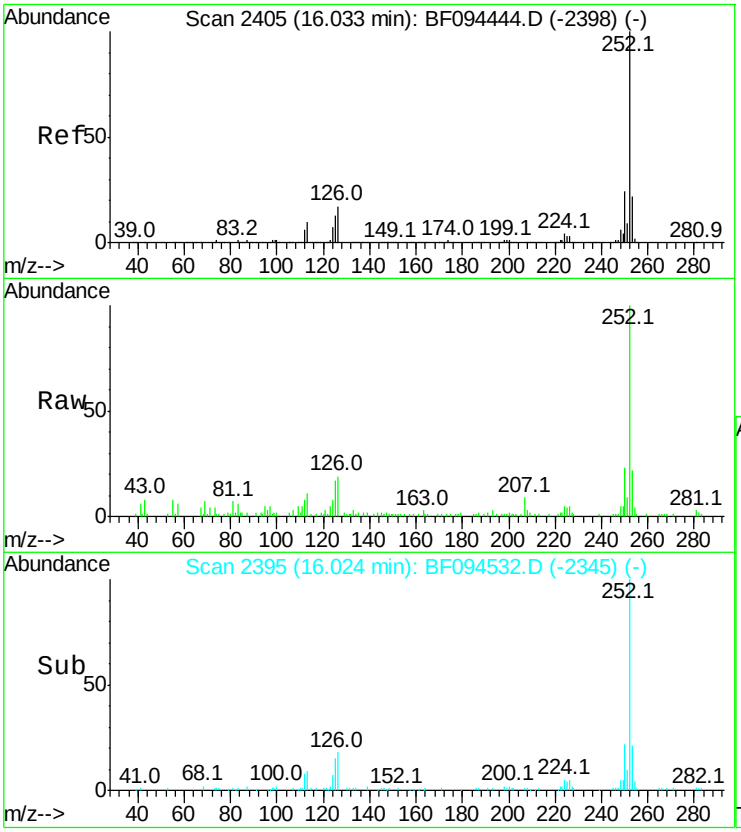


#88
Benzo(k)fluoranthene
Concen: 3.70 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:252 Resp: 60387

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	14.6	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.27 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36397

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	16.9	11.0	16.4#