Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094637.D
Acq On : 26 Apr 2017 6:52
Operator : SJ/MA
Sample : I2824-04 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 07:33:44 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	5.75	152	109354	20.00	ng		-0.01
21) Naphthalene-d8	7.24	136	425160	20.00	ng		-0.02
38) Acenaphthene-d10	9.38	164	171273	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	262357	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	234535	20.00	ng		-0.01
86) Perylene-d12	16.08	264	159431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	67916	10.30	ng		0.00
7) Phenol-d6	5.37	99	86719	11.16	ng		-0.02
23) Nitrobenzene-d5	6.40	82	46756	6.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	11414	8.52	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	101465	8.72	ng		-0.02
78) Terphenyl-d14	13.18	244	67840	7.73	ng		-0.02
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.38	165	22437	7.83	ng	#	34
56) 2,4-Dinitrotoluene	9.38	165	22437	6.38	ng	#	33
70) Phenanthrene	11.23	178	58369	3.95	ng		96
71) Anthracene	11.30	178	34666	2.27	ng		99
74) Fluoranthene	12.70	202	188618	12.32	ng		99
77) Pyrene	12.97	202	169927	10.37	ng		97
80) Benzo(a)anthracene	14.48	228	85623	6.28	ng		95
82) Chrysene	14.44	228	78726	6.32	ng		95
85) Indeno(1,2,3-cd)pyrene	17.36	276	28107	2.37	ng		96
87) Benzo(b)fluoranthene	15.68	252	128558	13.18	ng	#	96
88) Benzo(k)fluoranthene	15.68	252	128558	13.93	ng		99
89) Benzo(a)pyrene	16.02	252	46141	5.09	ng	#	94
91) Benzo(g,h,i)perylene	17.73	276	31180	4.06	ng		95

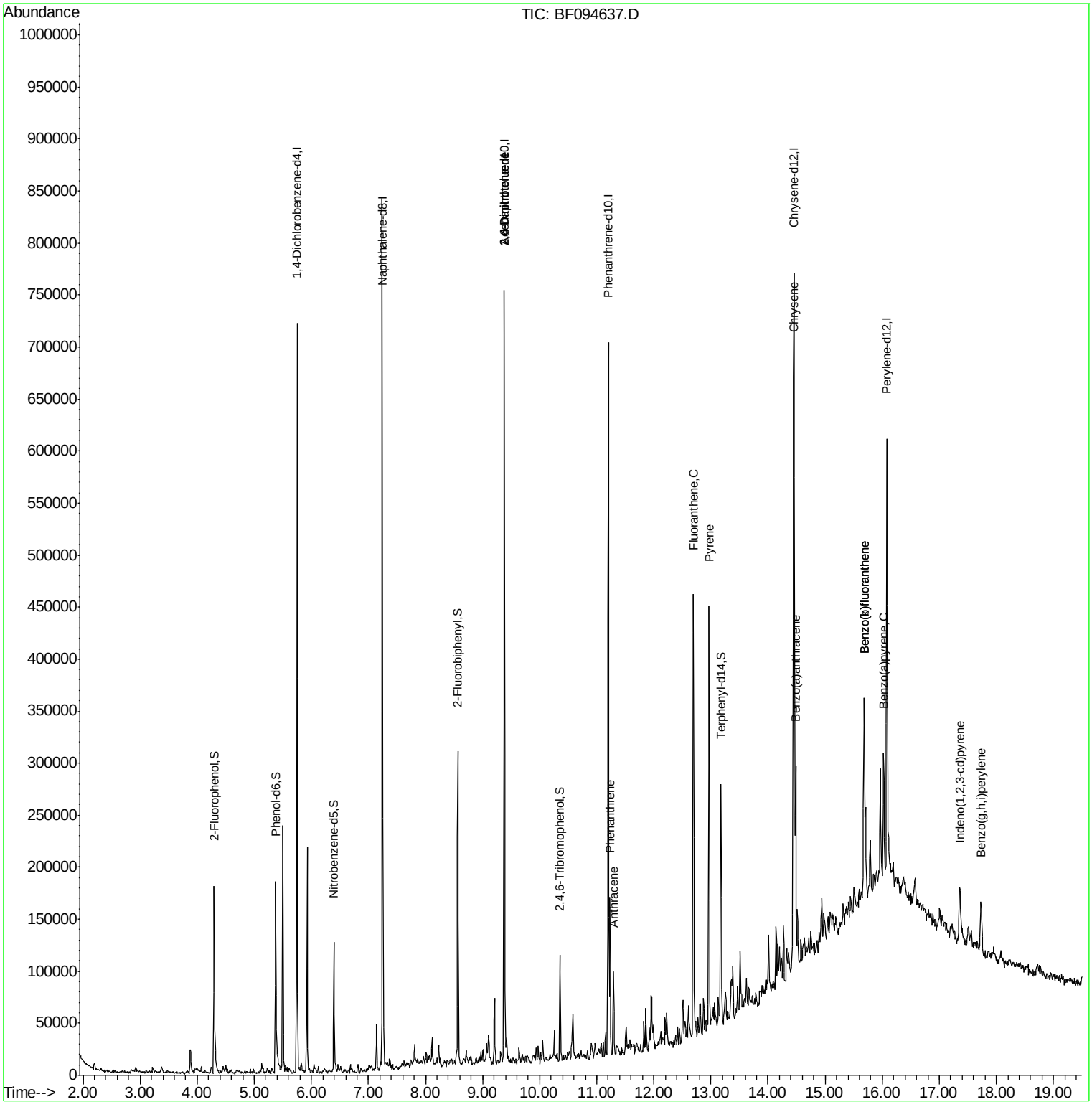
(#) = qualifier out of range (m) = manual integration (+) = signals summed

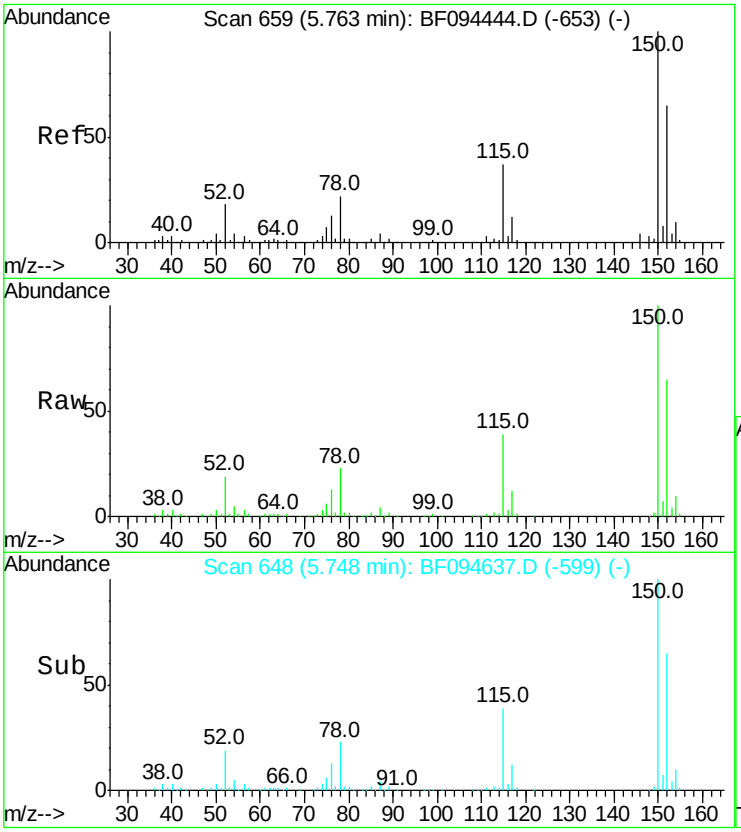
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094637.D
Acq On : 26 Apr 2017 6:52
Operator : SJ/MA
Sample : I2824-04 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 07:33:44 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



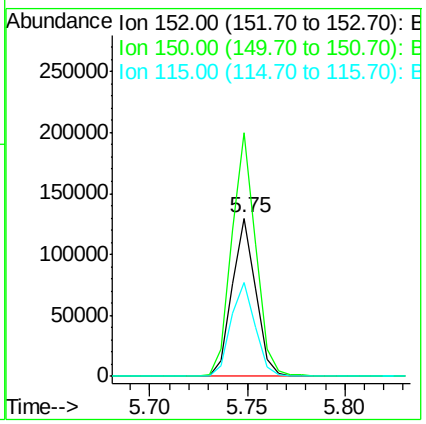


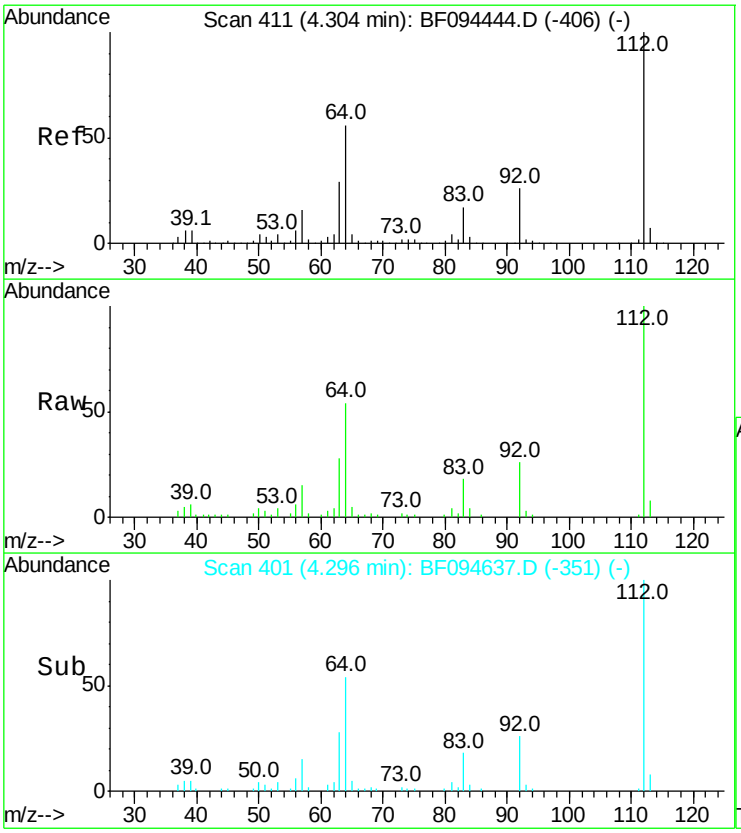
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109354

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	59.3	52.2	78.2

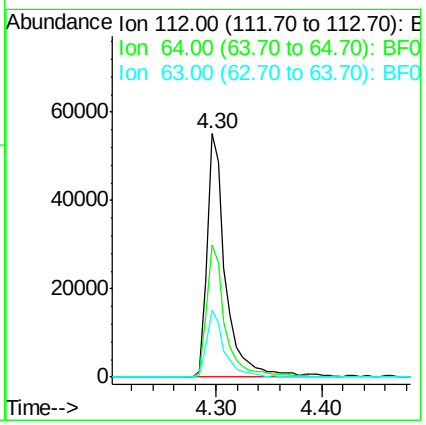


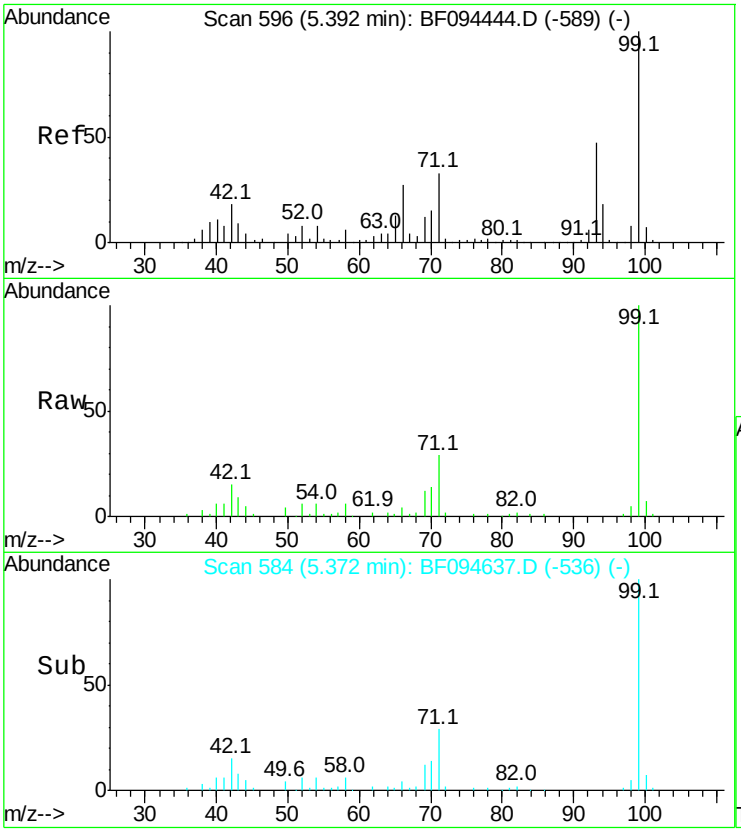


#5
2-Fluorophenol
Concen: 10.30 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:112 Resp: 67916

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	27.7	23.4	35.0



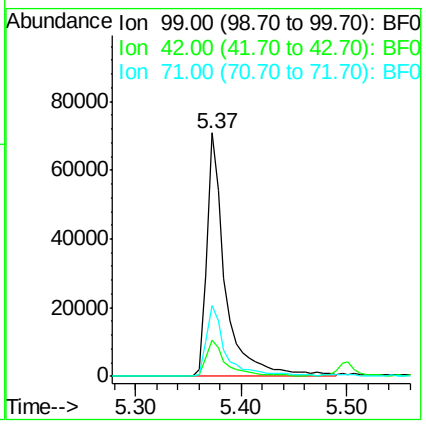


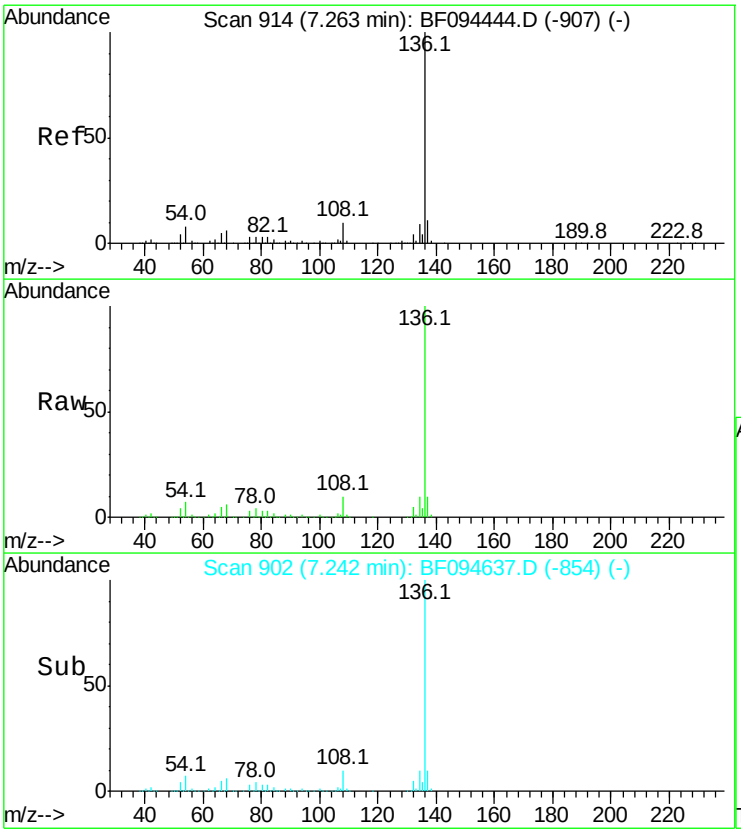
#7
Phenol-d6
Concen: 11.16 ng
RT: 5.37 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 86719

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	29.0	24.5	36.7

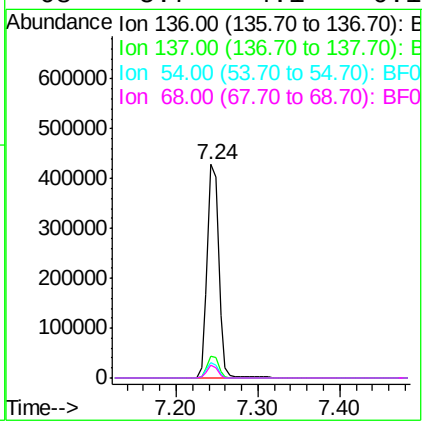


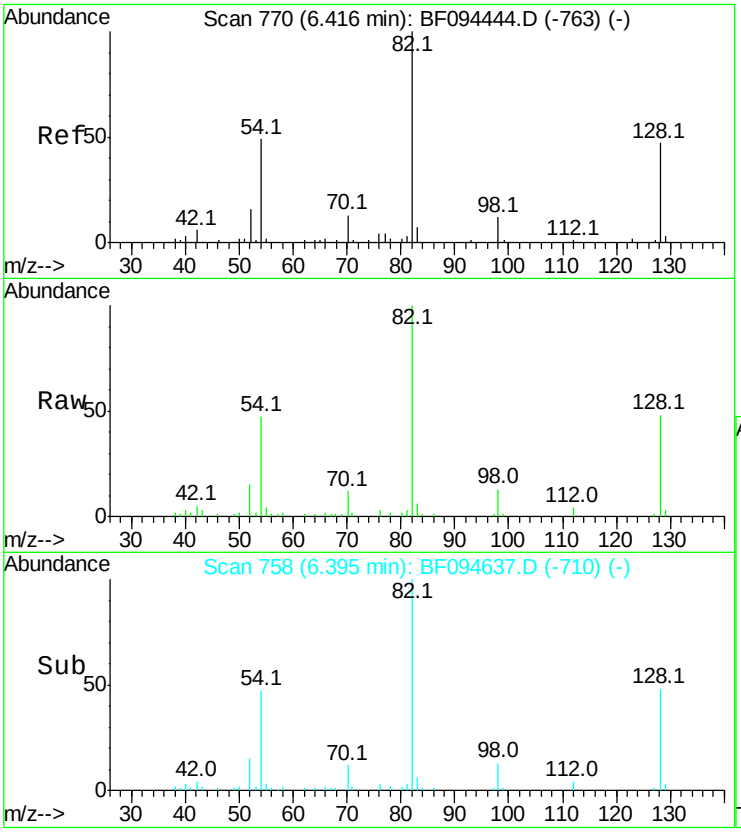


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:136 Resp: 425160

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.3	4.9	7.3
68	5.7	4.1	6.1

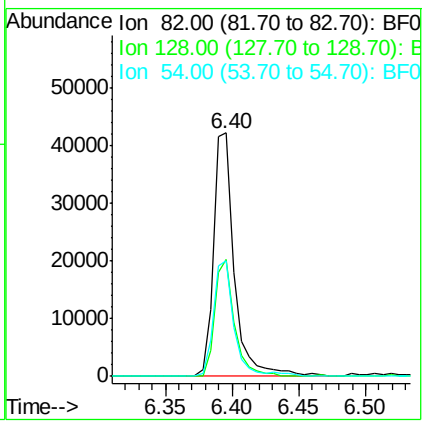




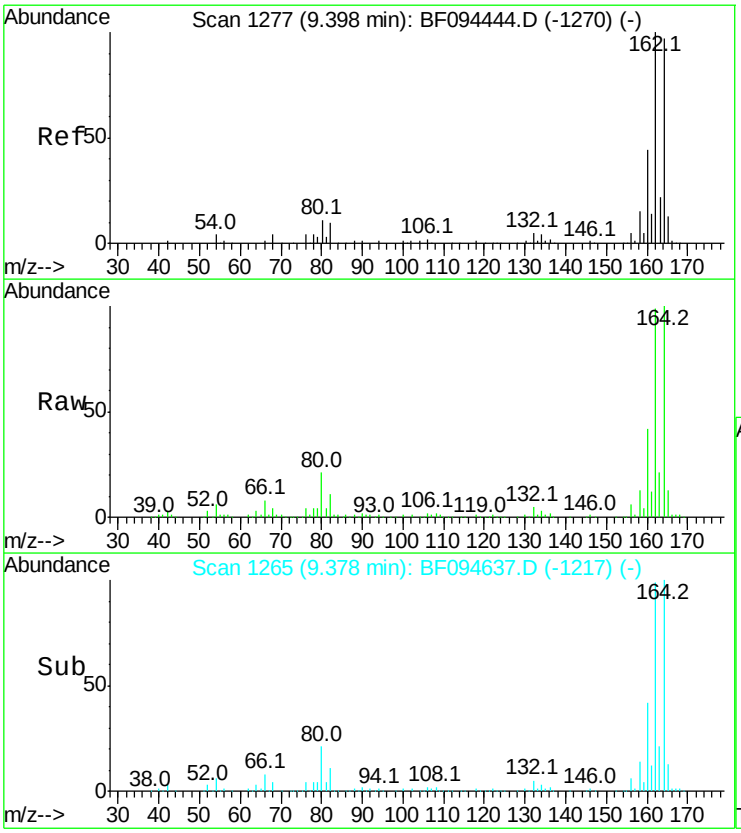
#23
Nitrobenzene-d5
Concen: 6.79 ng
RT: 6.40 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion: 82 Resp: 46756

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	47.3	42.2	63.2



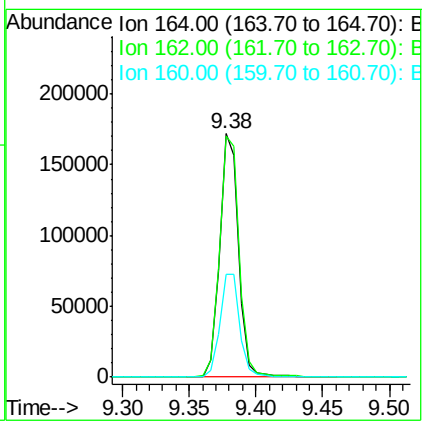
Instrument :
BNA_F
ClientSampleId :

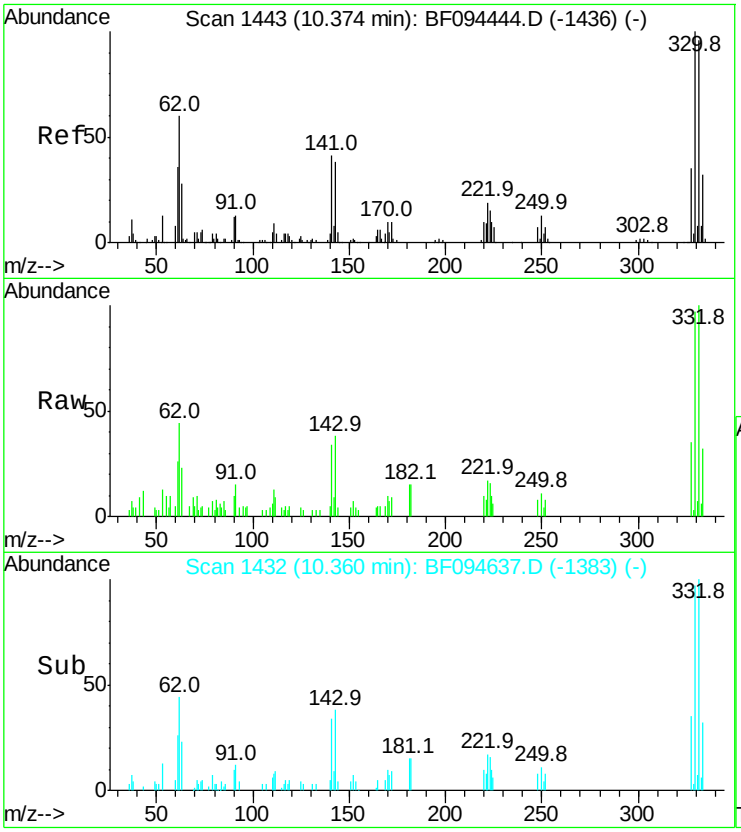


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:164 Resp: 171273

Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.6	123.8
160	42.1	36.2	54.2



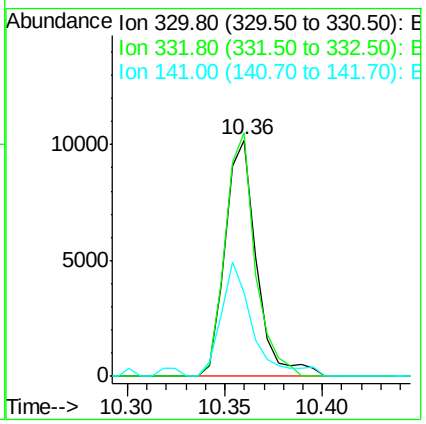


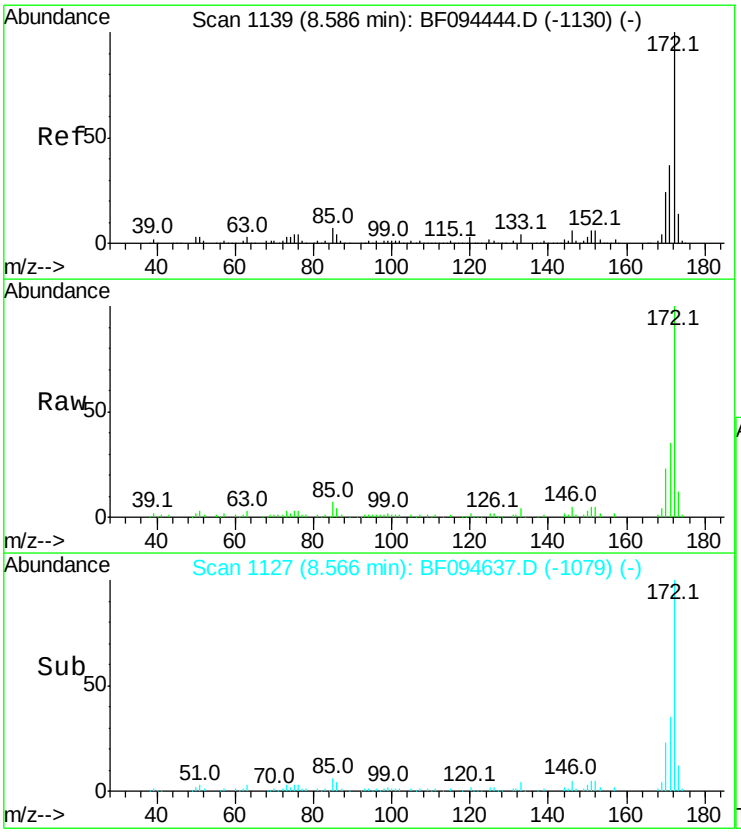
#41
2,4,6-Tribromophenol
Concen: 8.52 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 11414

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	48.5	31.4	47.2#

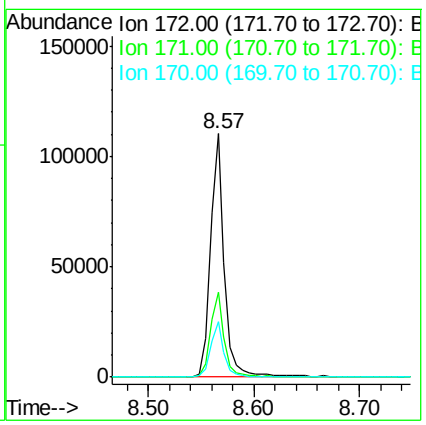


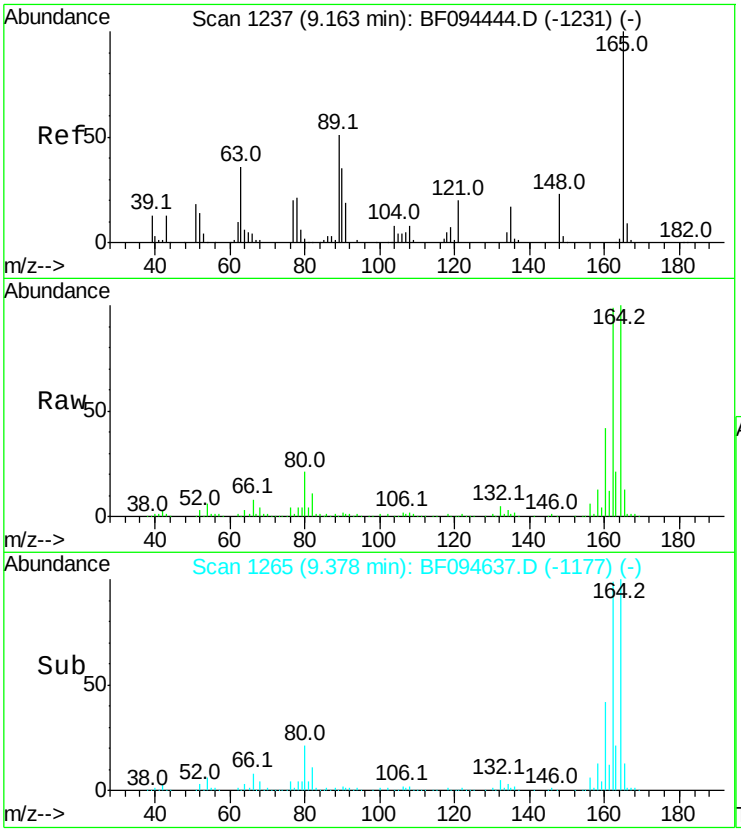


#44
2-Fluorobiphenyl
Concen: 8.72 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:172 Resp: 101465

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.9	19.8	29.8



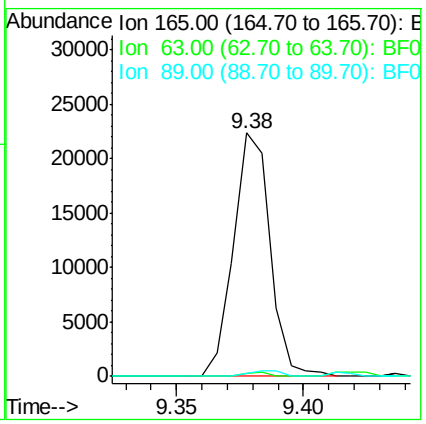


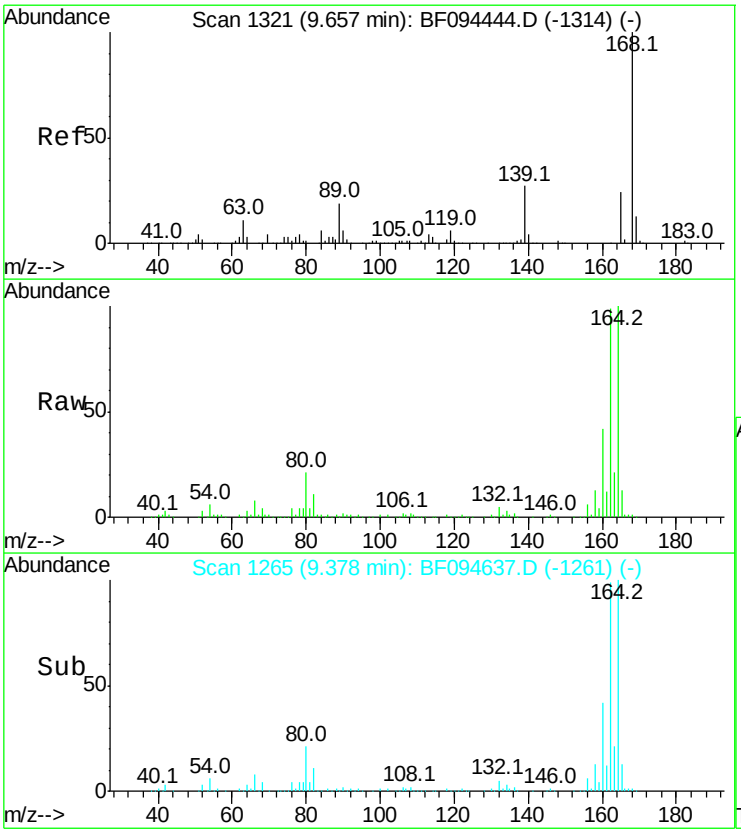
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.21 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22437

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.4	37.1	55.7#

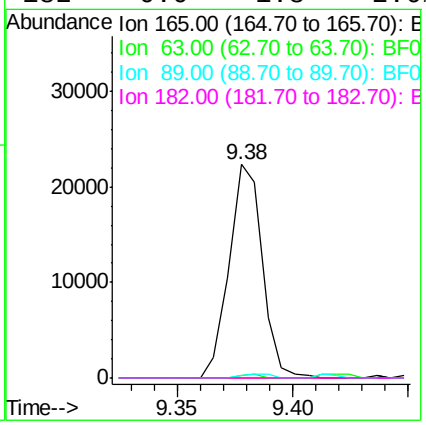


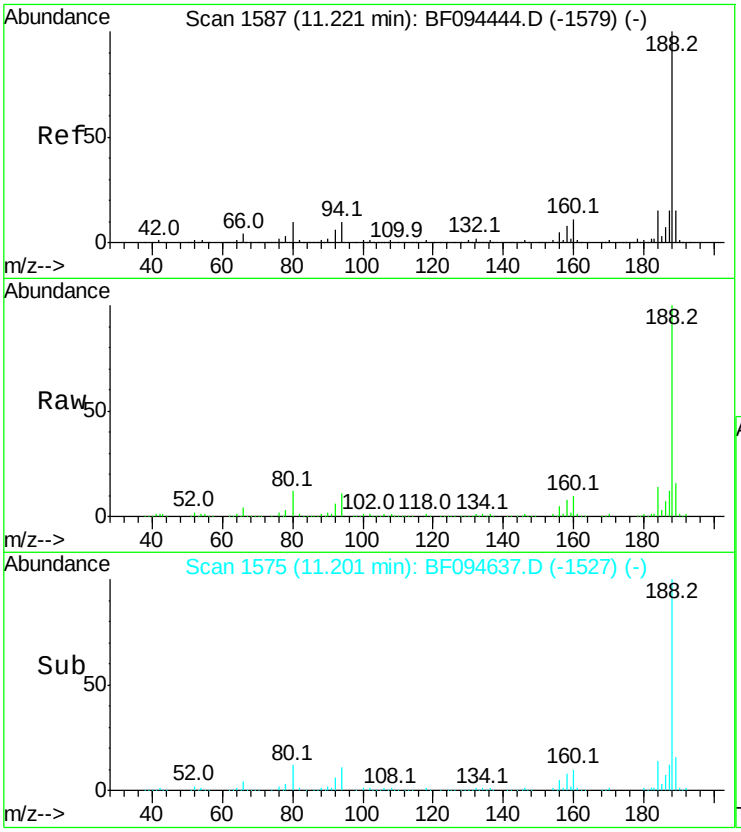


#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:165 Resp: 22437

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



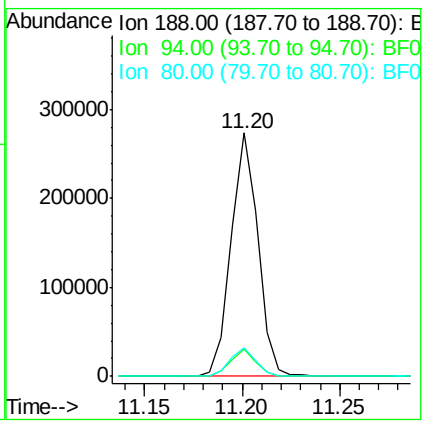


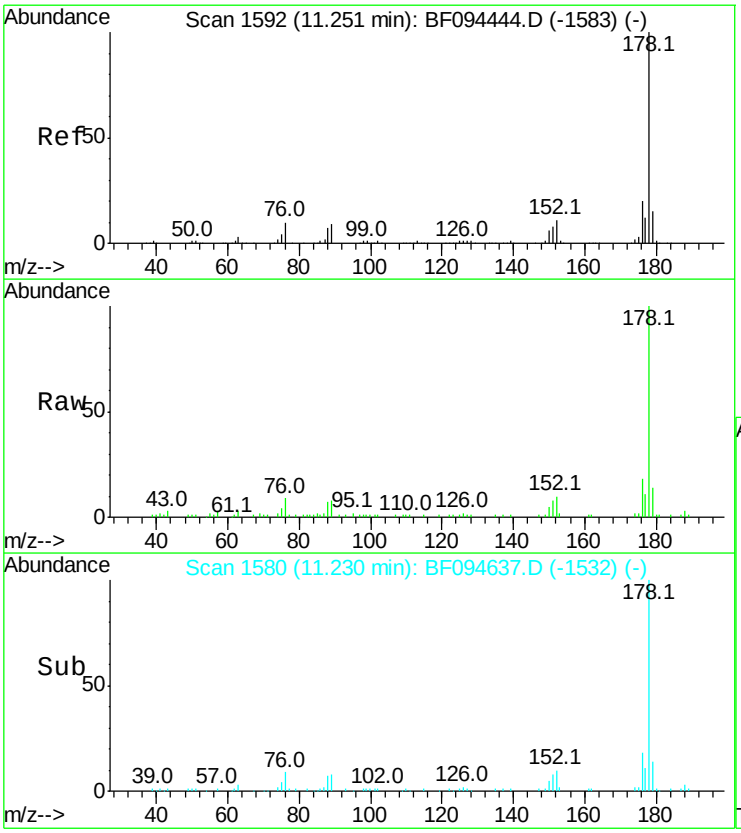
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 262357

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.7	10.2	15.2

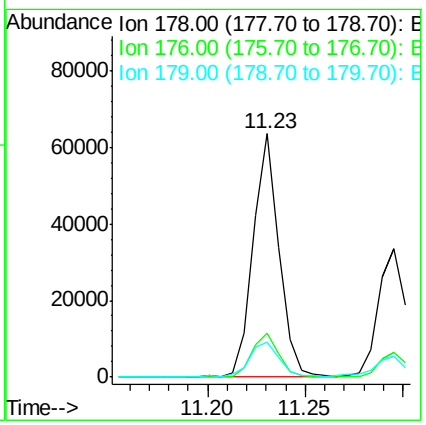


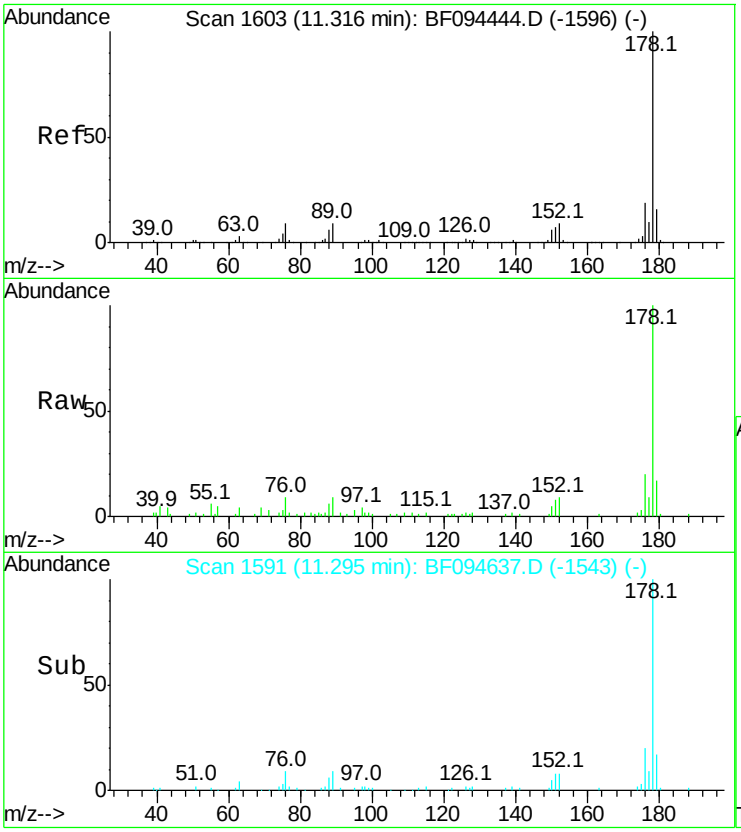


#70
Phenanthrene
Concen: 3.95 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:178 Resp: 58369

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.3	12.6	19.0



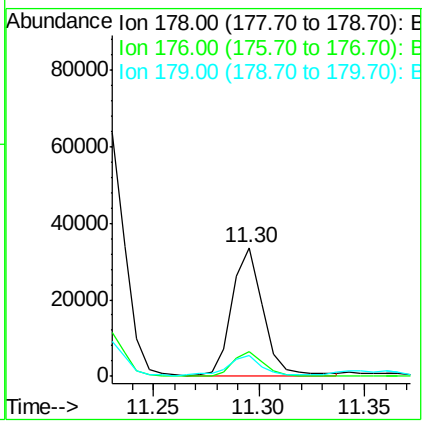


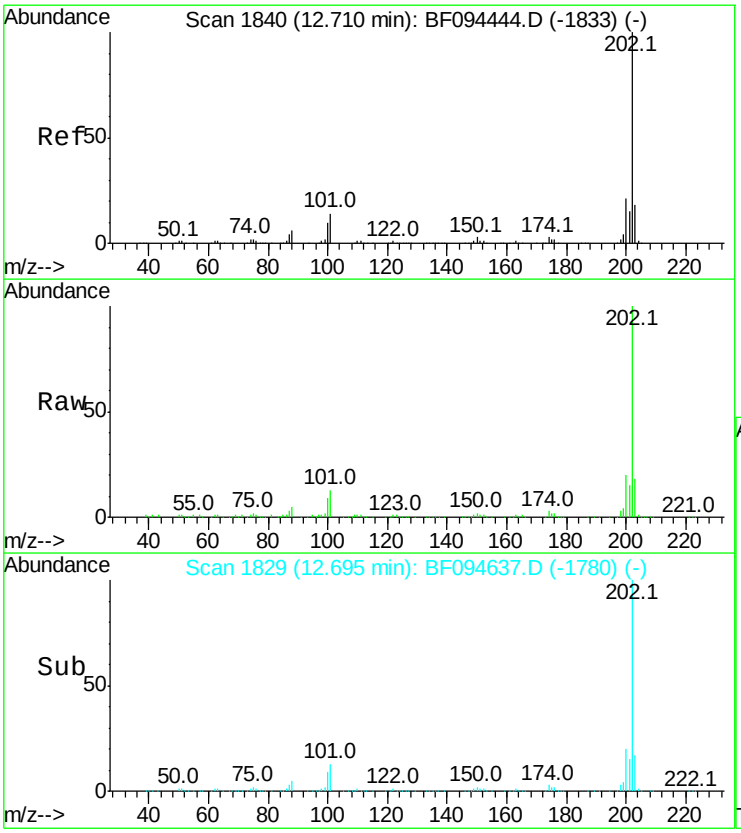
#71
Anthracene
Concen: 2.27 ng
RT: 11.30 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34666

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.6	12.7	19.1

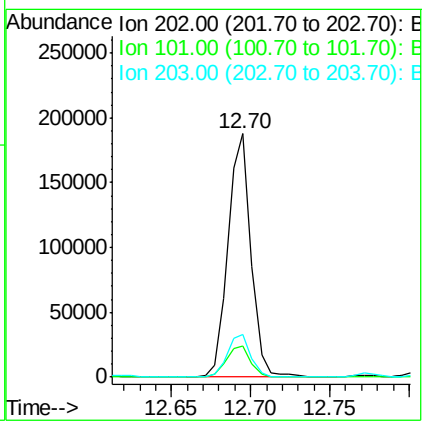


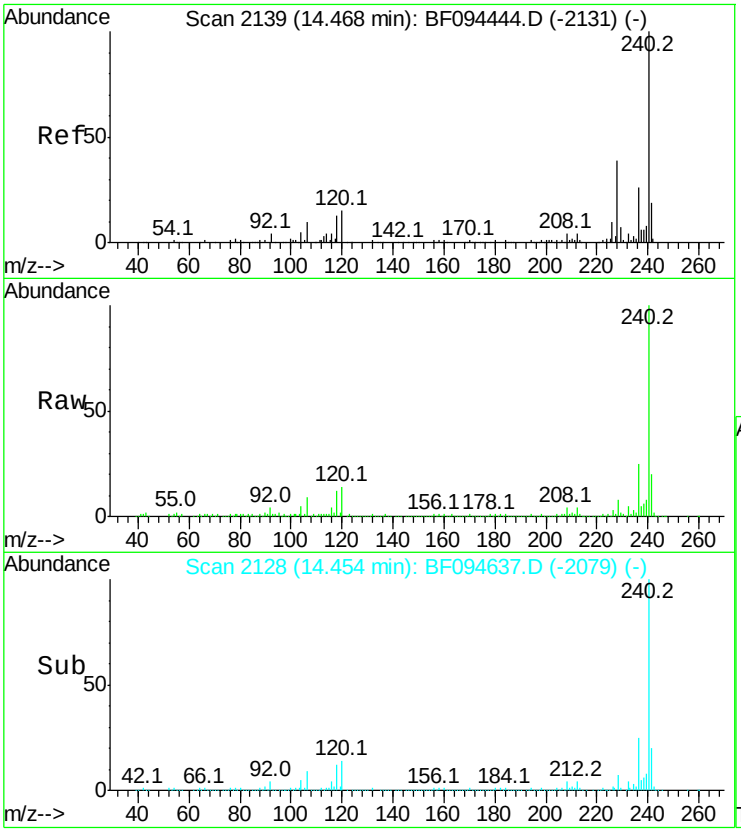


#74
Fluoranthene
Concen: 12.32 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:202 Resp: 188618

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.6	0.0	38.1



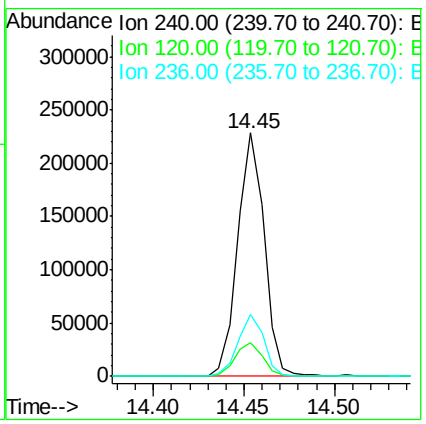


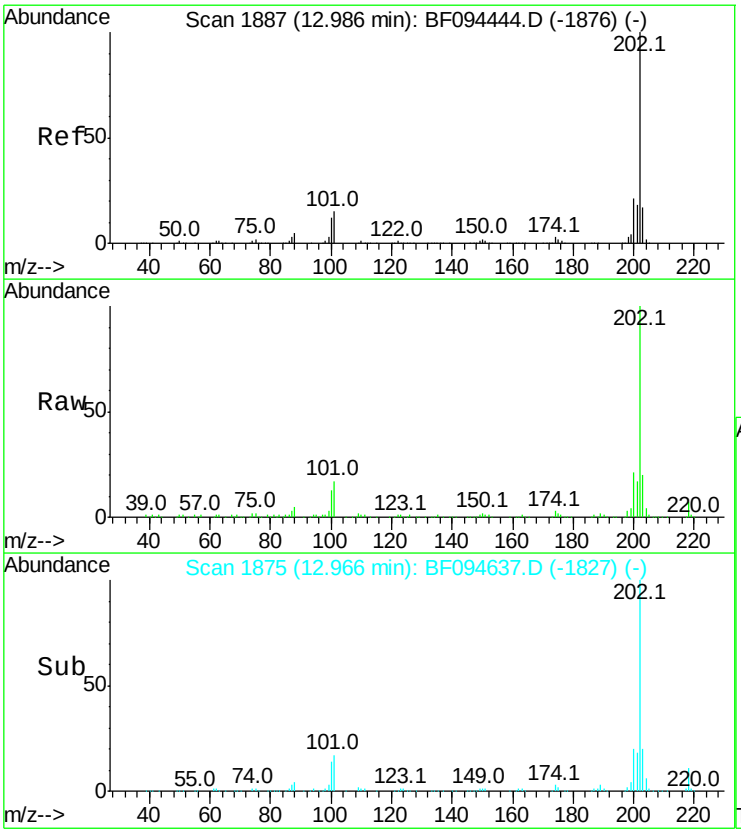
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 234535

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.2	20.5	30.7

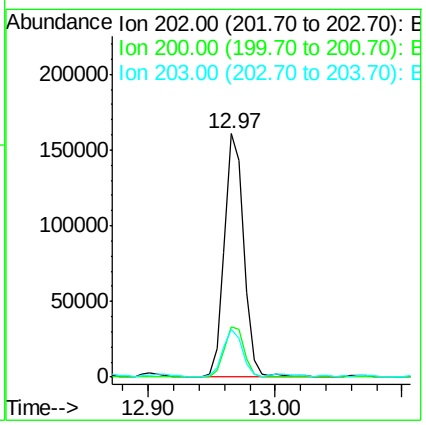


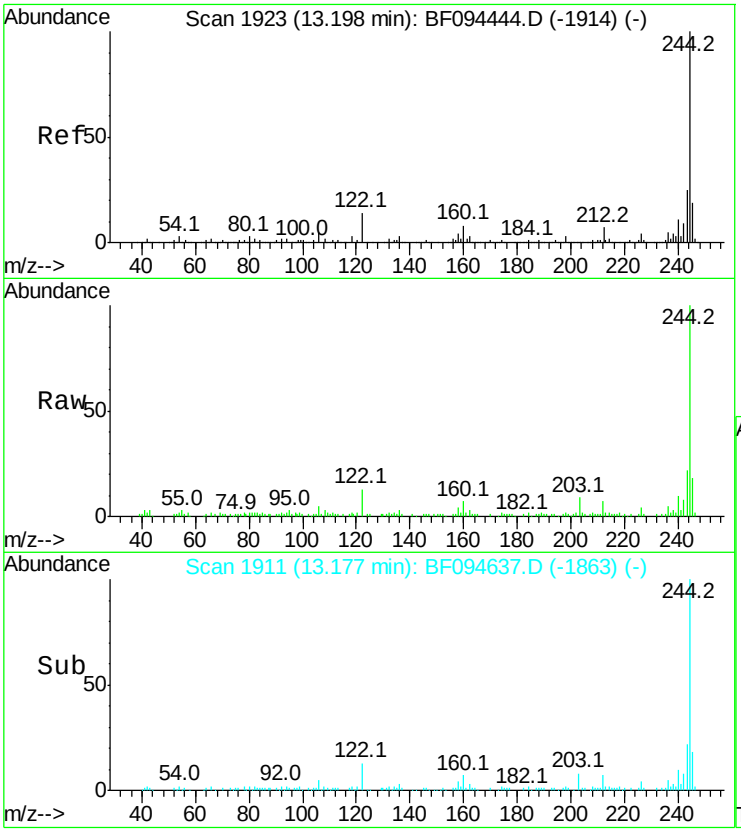


#77
Pyrene
Concen: 10.37 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:202 Resp: 169927

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.6	14.4	21.6



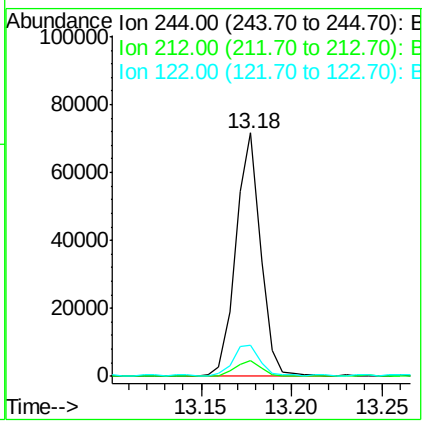


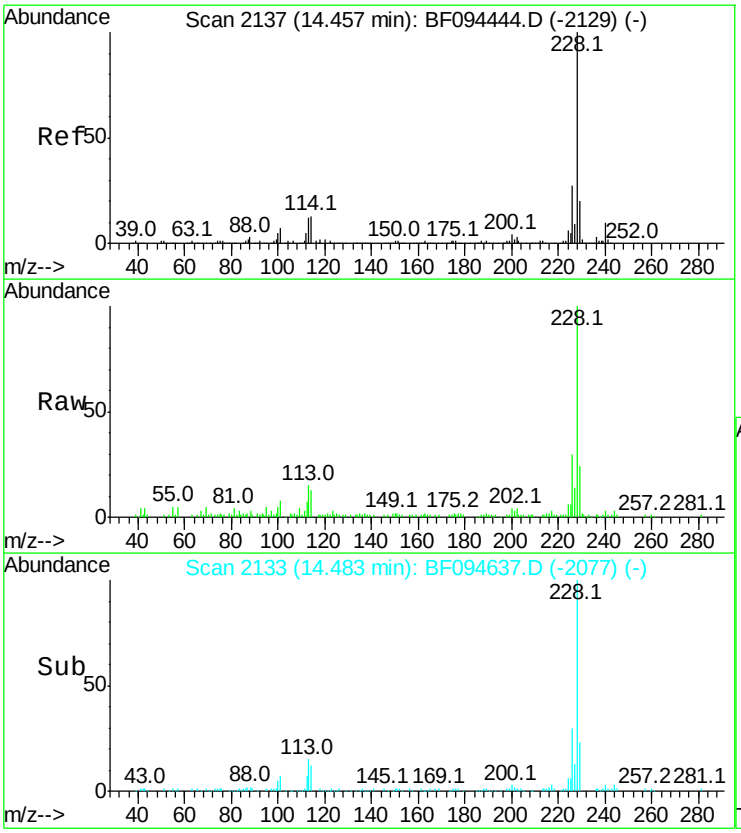
#78
Terphenyl-d14
Concen: 7.73 ng
RT: 13.18 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 67840

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.7	10.3	15.5

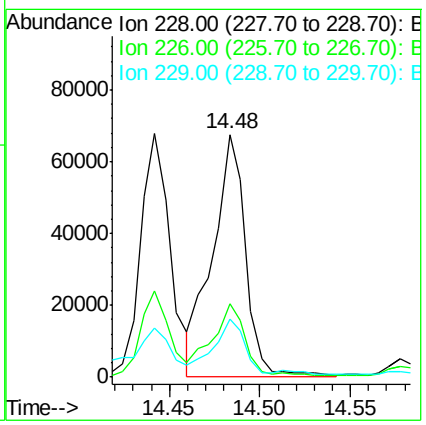


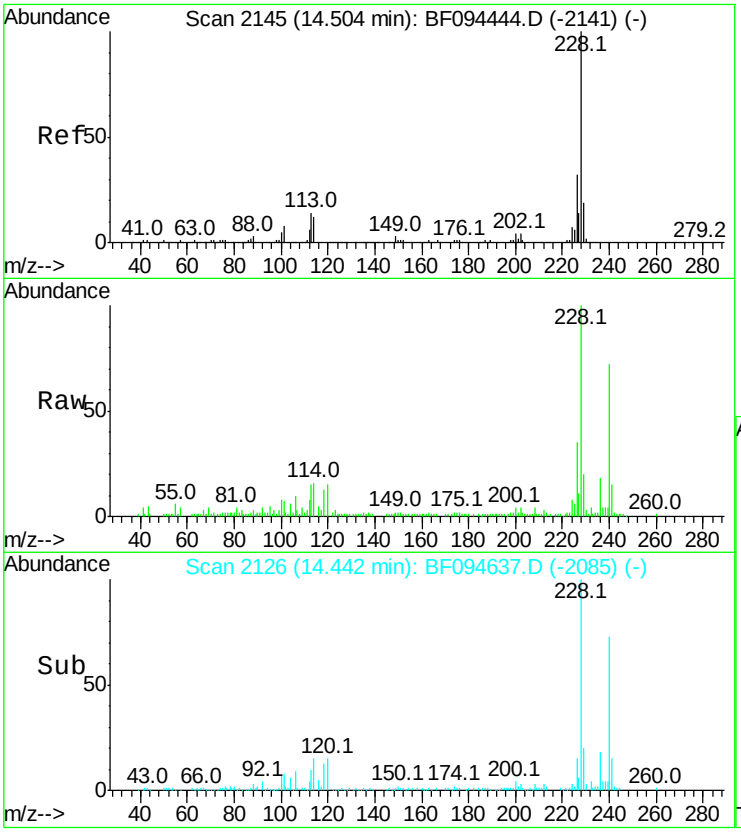


#80
Benzo(a)anthracene
Concen: 6.28 ng
RT: 14.48 min Scan# 2133
Delta R.T. 0.03 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:228 Resp: 85623

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	23.7	16.3	24.5



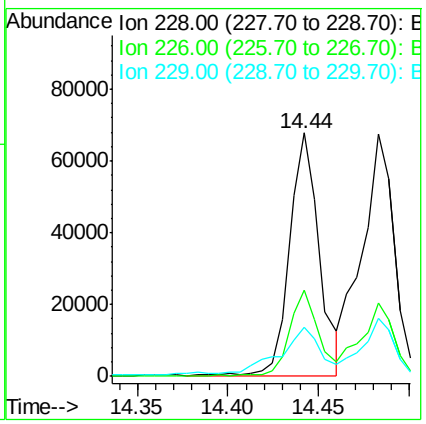


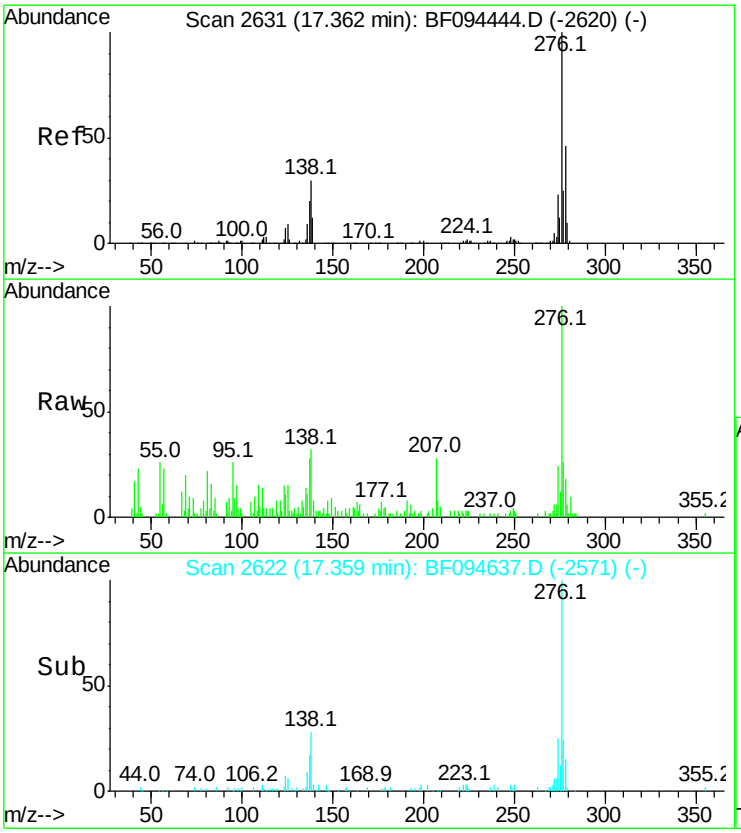
#82
Chrysene
Concen: 6.32 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.06 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 78726

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.9	37.3
229	20.0	15.8	23.6

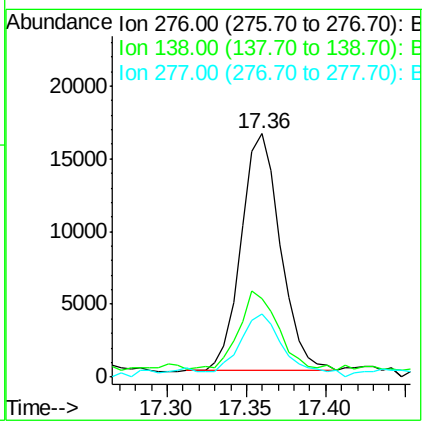


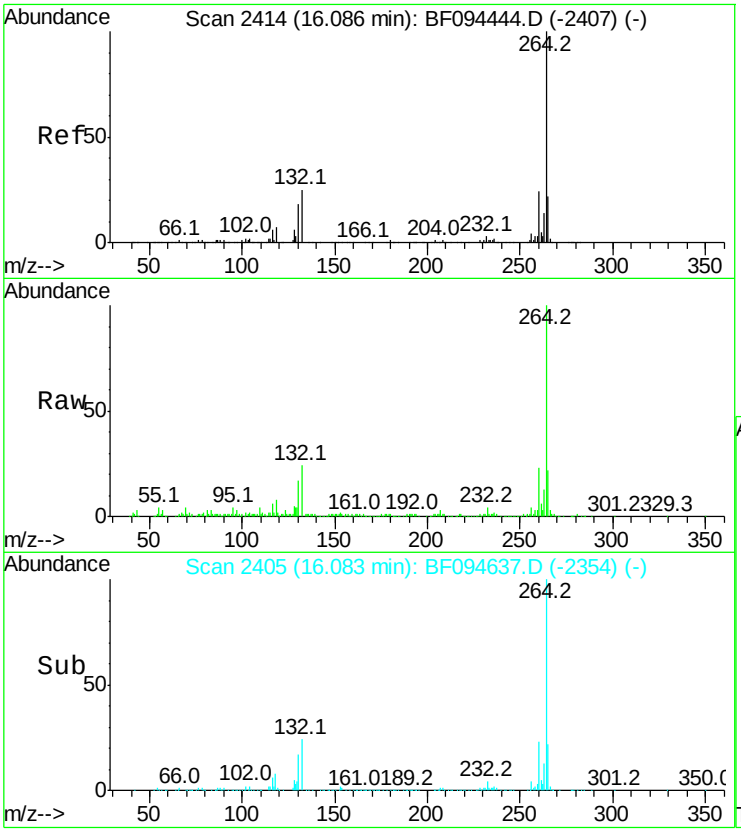


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.37 ng
RT: 17.36 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:276 Resp: 28107

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	30.0	20.2	30.4



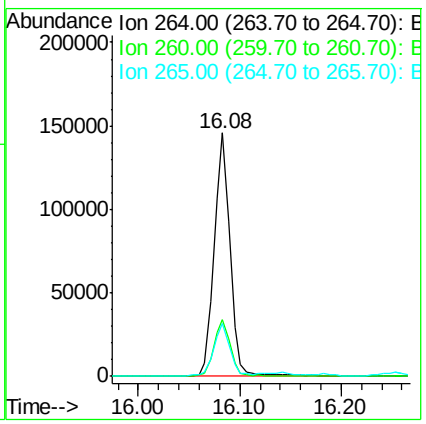


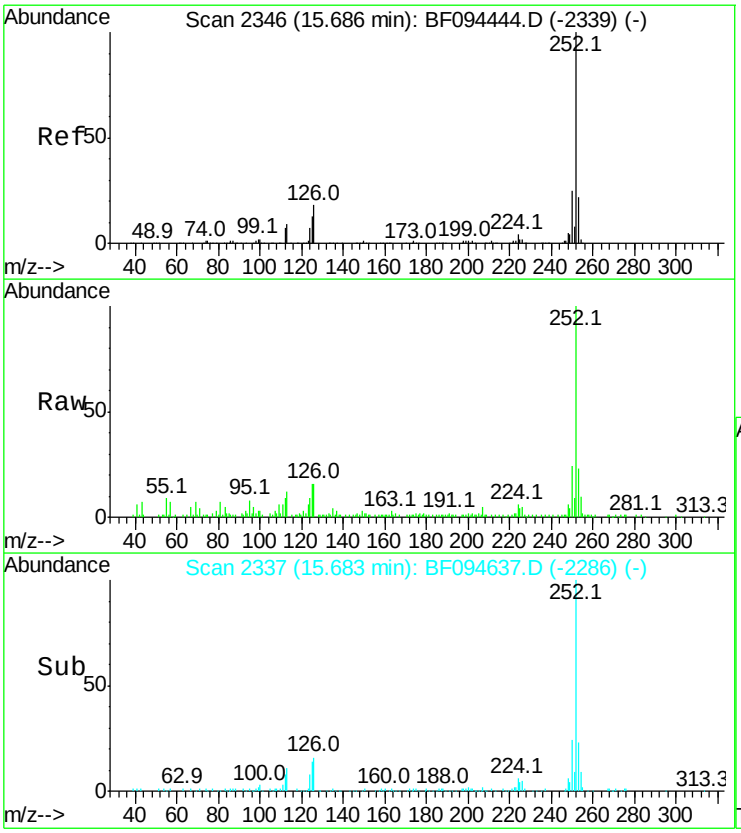
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 159431

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

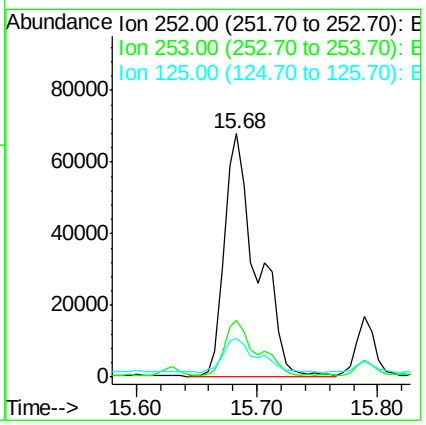


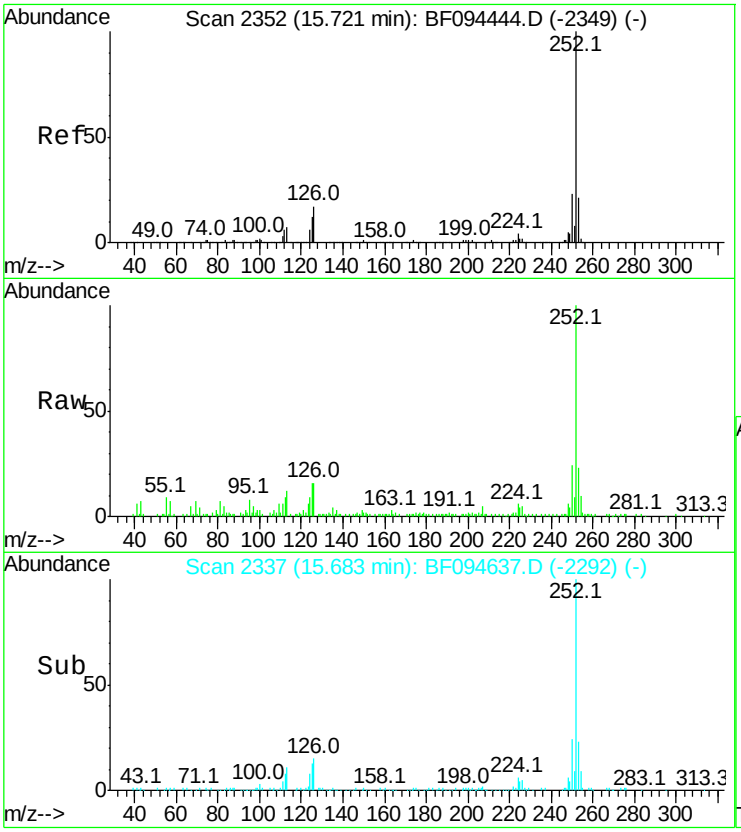


#87
Benzo(b)fluoranthene
Concen: 13.18 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:252 Resp: 128558

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.7	9.8	14.8#



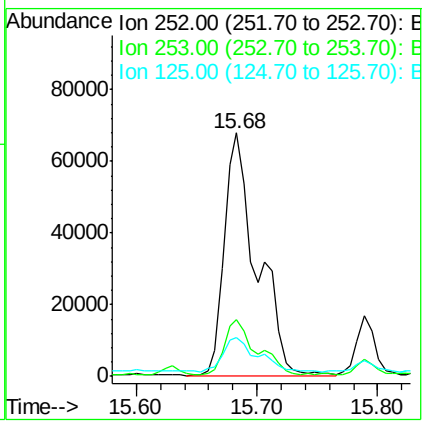


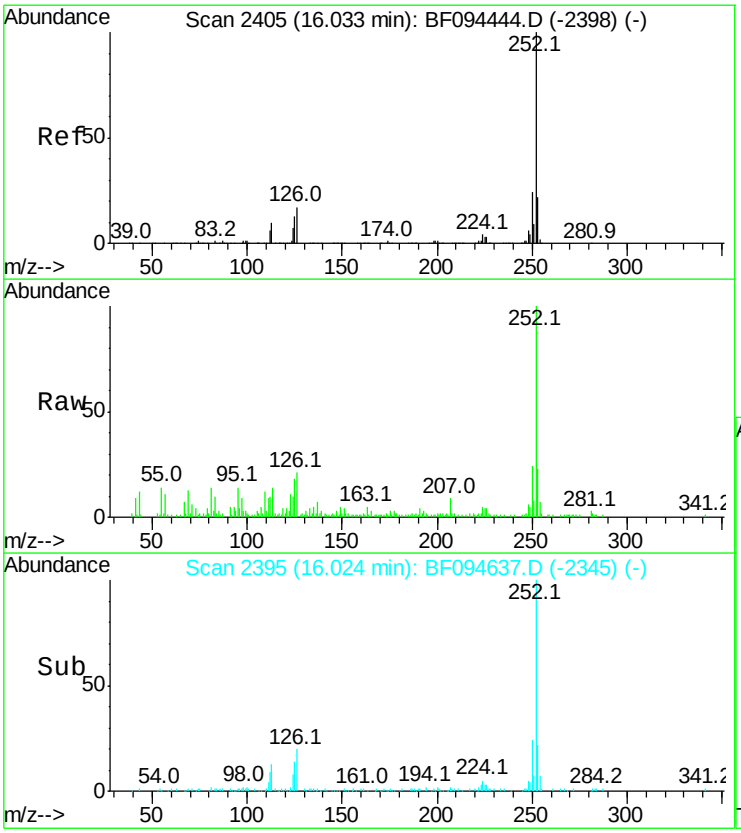
#88
Benzo(k)fluoranthene
Concen: 13.93 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 128558

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.7	13.1	19.7

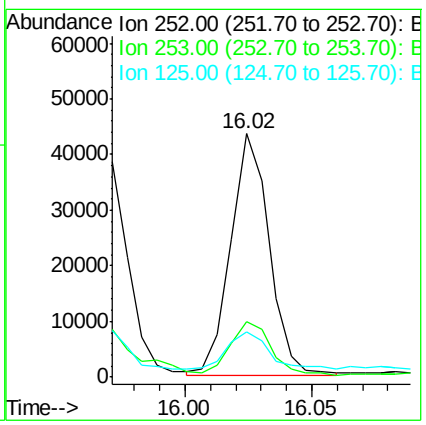


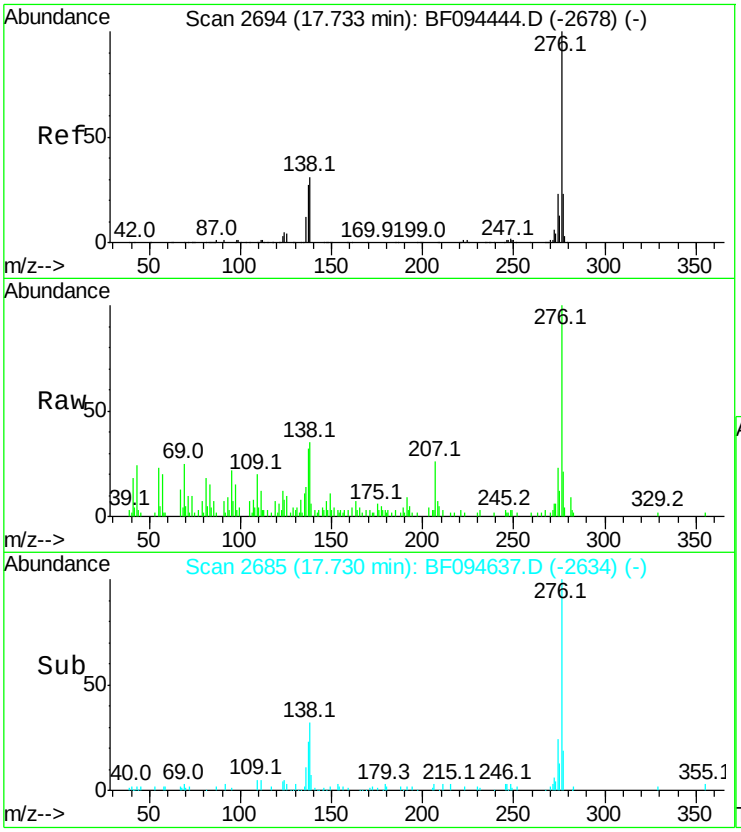


#89
Benzo(a)pyrene
Concen: 5.09 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Tgt Ion:252 Resp: 46141

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	18.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.06 ng
RT: 17.73 min Scan# 2685
Delta R.T. -0.00 min
Lab File: BF094637.D
Acq: 26 Apr 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31180

Ion	Ratio	Lower	Upper
276	100		
277	20.9	18.6	28.0
138	34.8	25.4	38.0