Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094262.D
Acq On : 7 Apr 2017 9:12
Operator : SJ/MA
Sample : I2563-02DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 07 13:16:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	160168	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	630775	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	270997	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	404562	20.00	ng		0.00
75) Chrysene-d12	14.57	240	302897	20.00	ng		0.00
86) Perylene-d12	16.20	264	251238	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	677410	71.43	ng		0.00
7) Phenol-d6	5.46	99	830372	70.78	ng		0.00
23) Nitrobenzene-d5	6.50	82	515320	46.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	152324	71.13	ng		0.00
44) 2-Fluorobiphenyl	8.68	172	864339	48.65	ng		0.00
78) Terphenyl-d14	13.30	244	463413	34.29	ng		0.00
Target Compounds							Qvalue
10) Phenol	5.47	94	66050	4.95	ng		95
49) Dimethylphthalate	9.17	163	152161	7.90	ng		99
53) 2,4-Dinitrophenol	9.86	184	350	4.80	ng		94
70) Phenanthrene	11.35	178	52346	2.33	ng		99
71) Anthracene	11.35	178	52346	2.26	ng		99
80) Benzo(a)anthracene	14.56	228	44785	2.54	ng		99
82) Chrysene	14.56	228	44785	2.73	ng		95
85) Indeno(1,2,3-cd)pyrene	17.53	276	47278	3.33	ng		95
87) Benzo(b)fluoranthene	15.80	252	137614	8.94	ng	#	95
88) Benzo(k)fluoranthene	15.80	252	137614	9.13	ng		98
89) Benzo(a)pyrene	16.14	252	76256	5.38	ng	#	96
91) Benzo(g,h,i)perylene	17.92	276	41379	3.42	ng		96

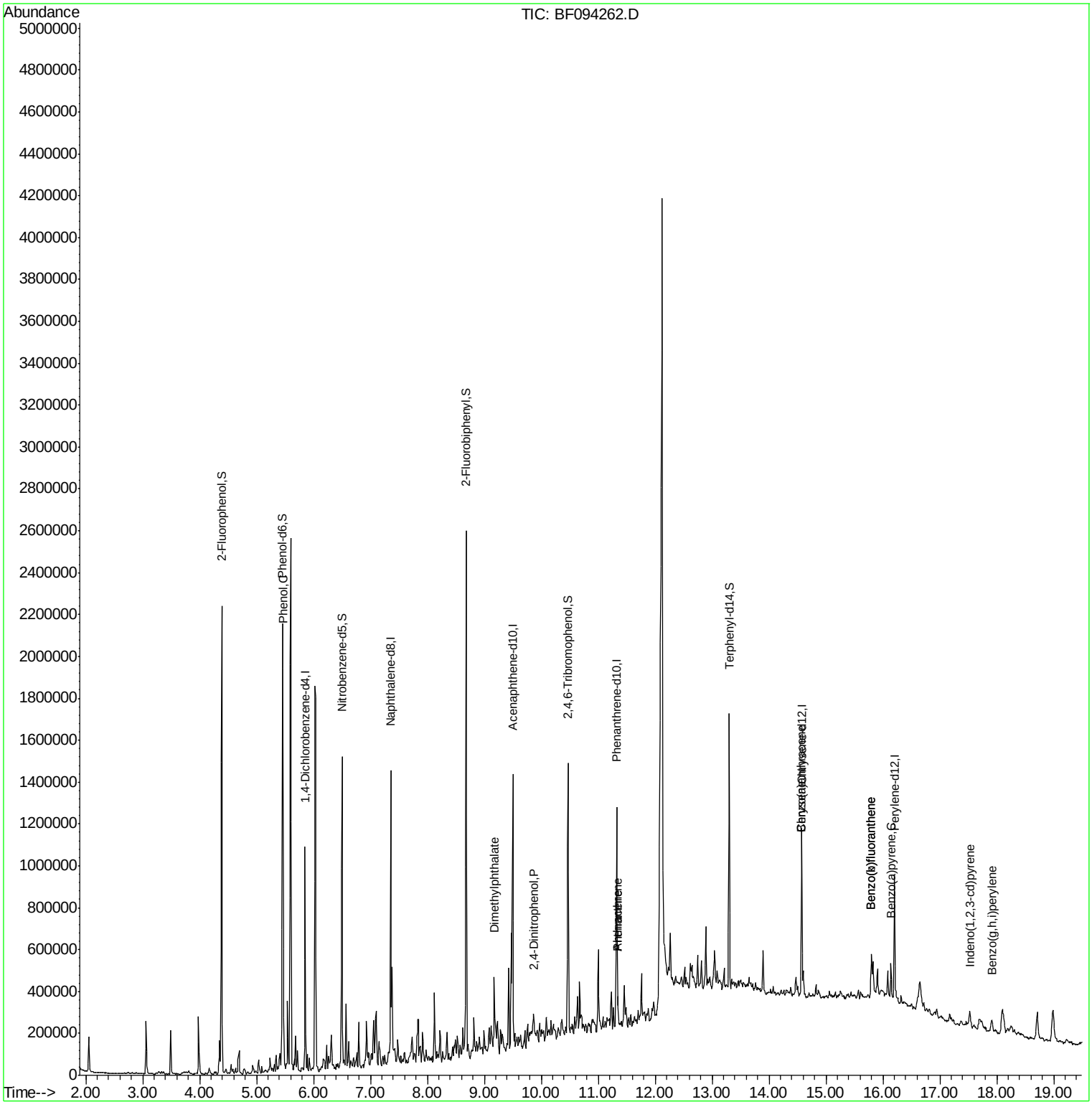
(#) = qualifier out of range (m) = manual integration (+) = signals summed

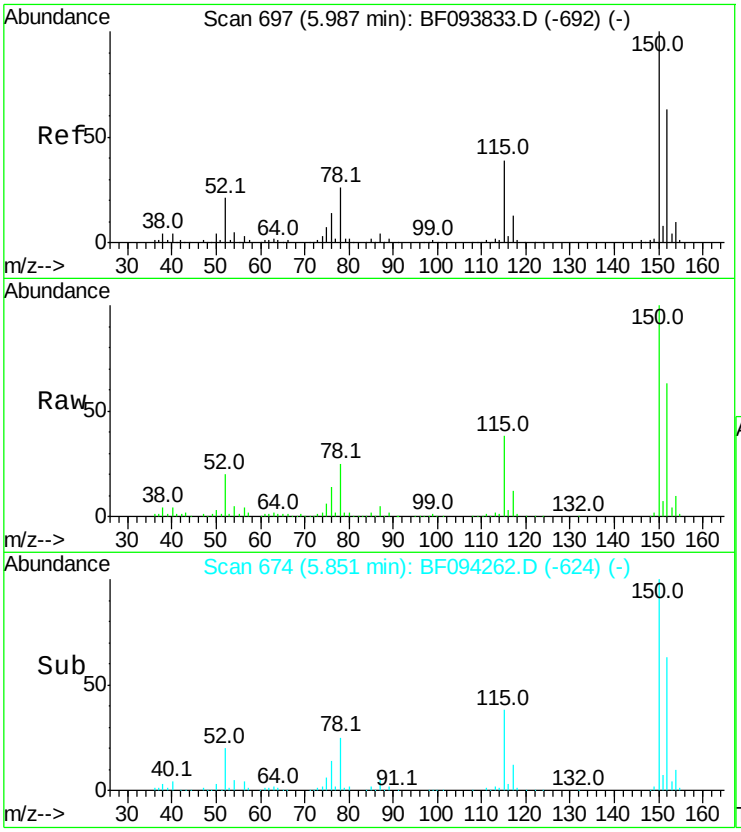
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094262.D
Acq On : 7 Apr 2017 9:12
Operator : SJ/MA
Sample : I2563-02DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 07 13:16:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration



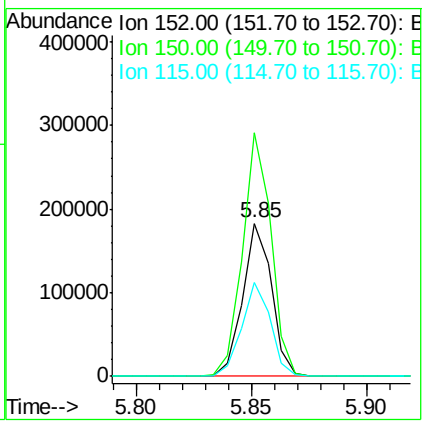


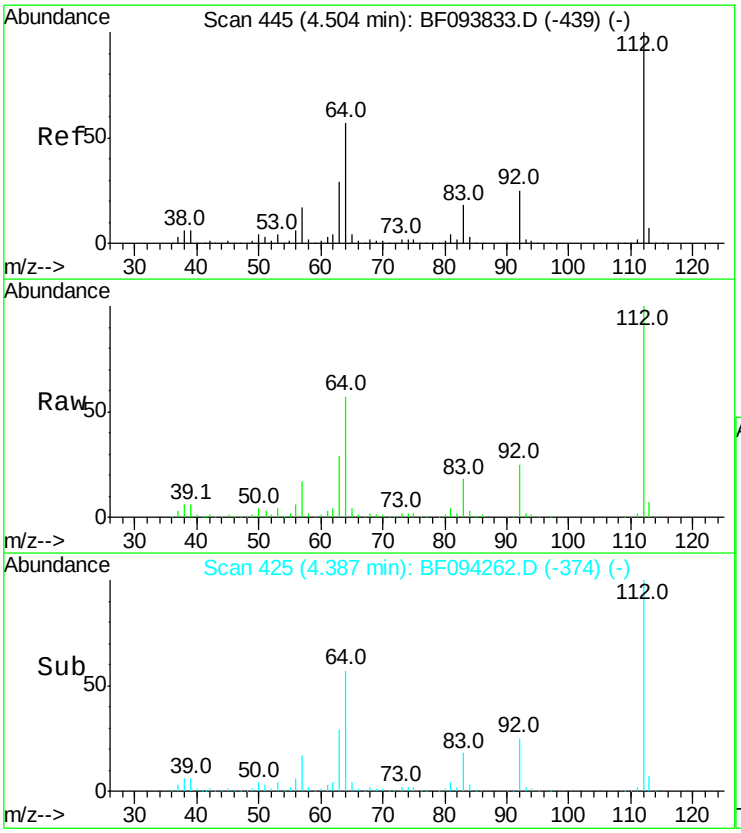
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160168

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	61.1	52.2	78.2

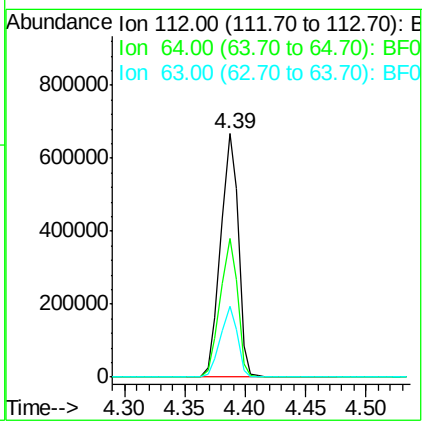


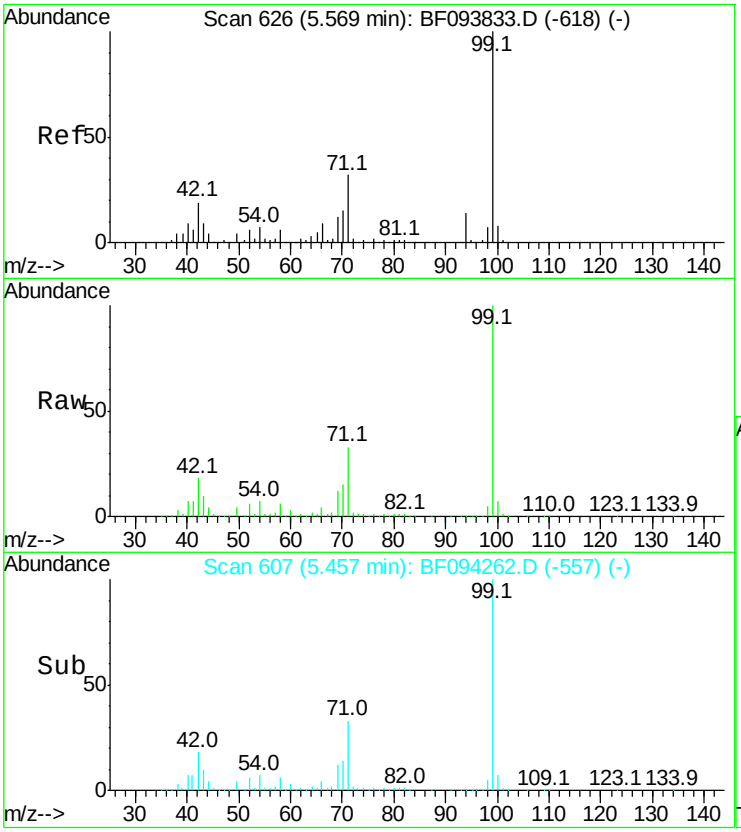


#5
2-Fluorophenol
Concen: 71.43 ng
RT: 4.39 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:112 Resp: 677410

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	29.3	23.4	35.0



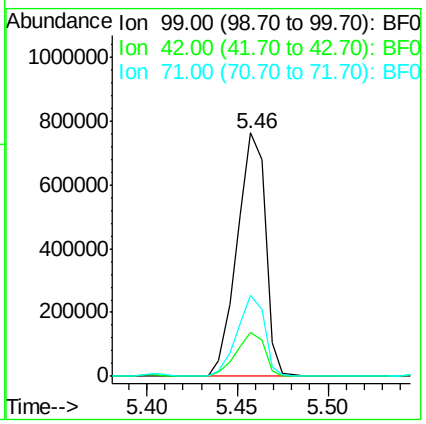


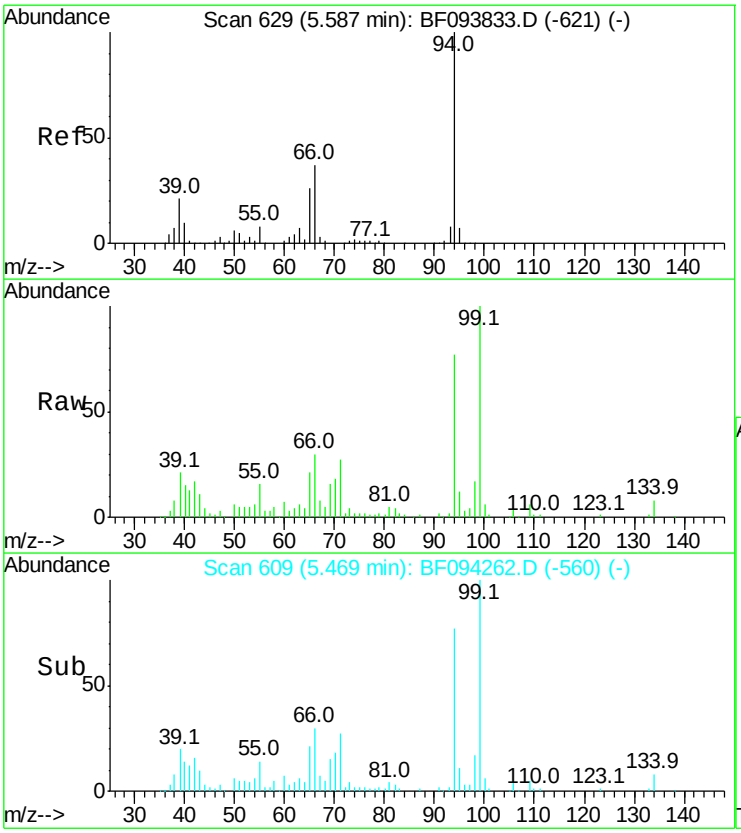
#7
Phenol-d6
Concen: 70.78 ng
RT: 5.46 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 830372

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.3	24.5	36.7

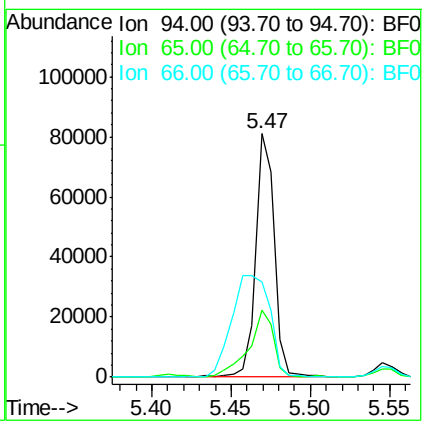


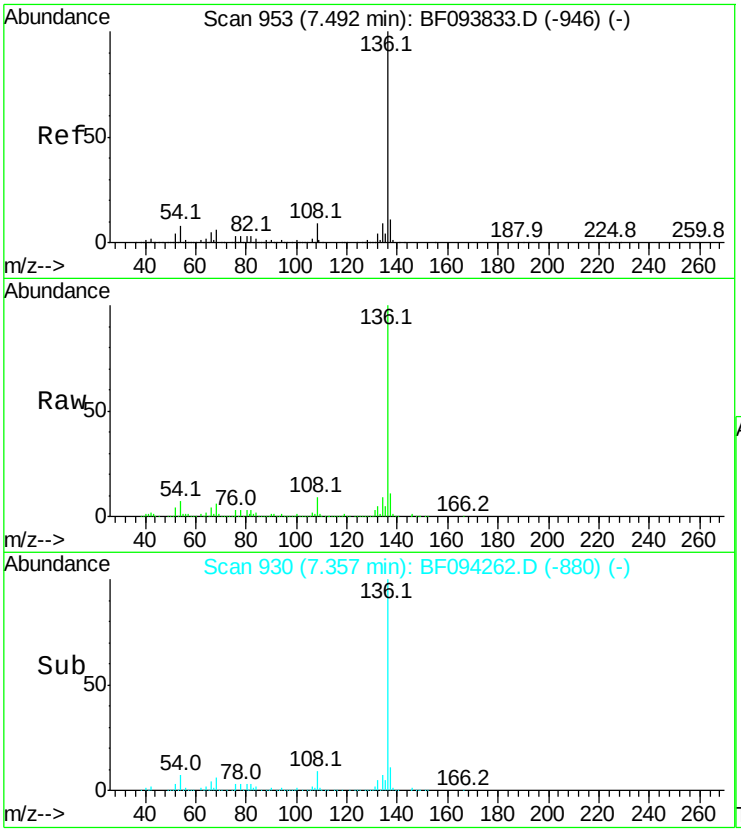


#10
Phenol
Concen: 4.95 ng
RT: 5.47 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion: 94 Resp: 66050

Ion	Ratio	Lower	Upper
94	100		
65	27.8	9.9	49.9
66	39.0	23.1	63.1



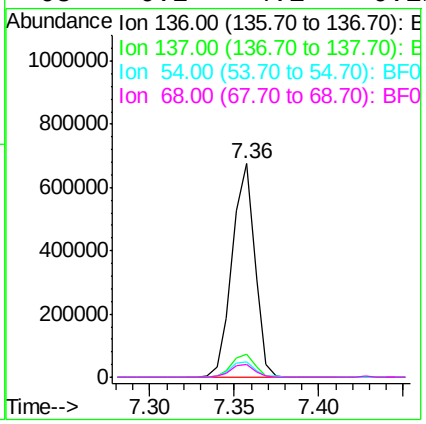


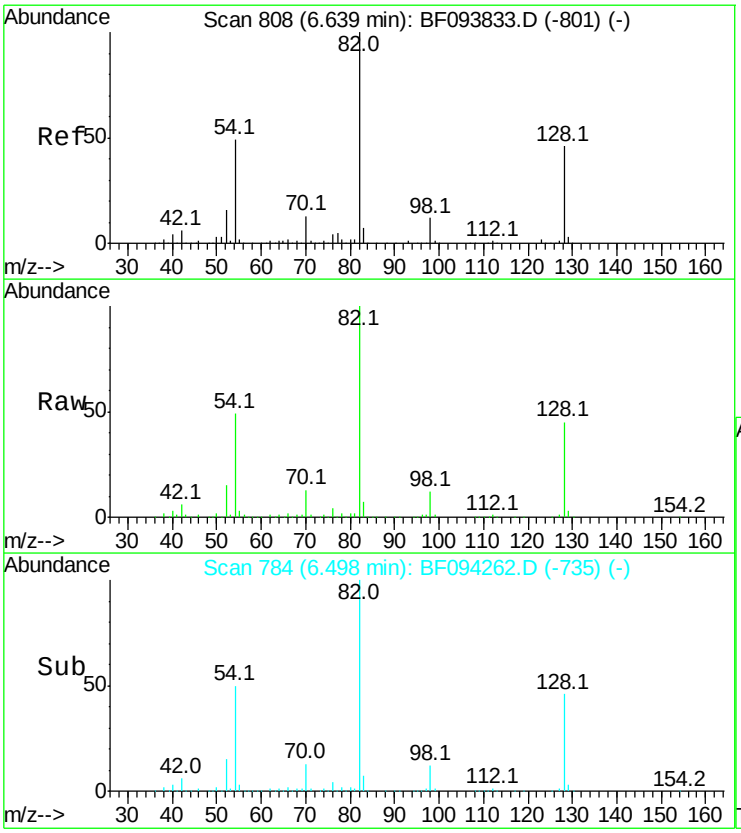
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 630775

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.2	4.1	6.1#

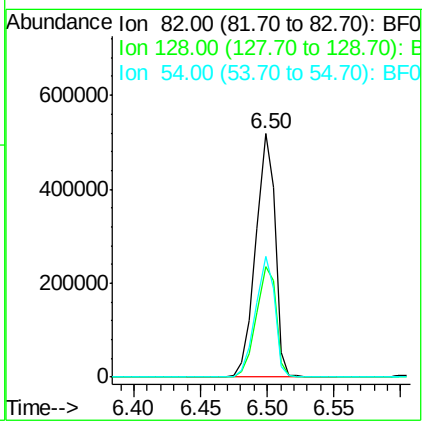


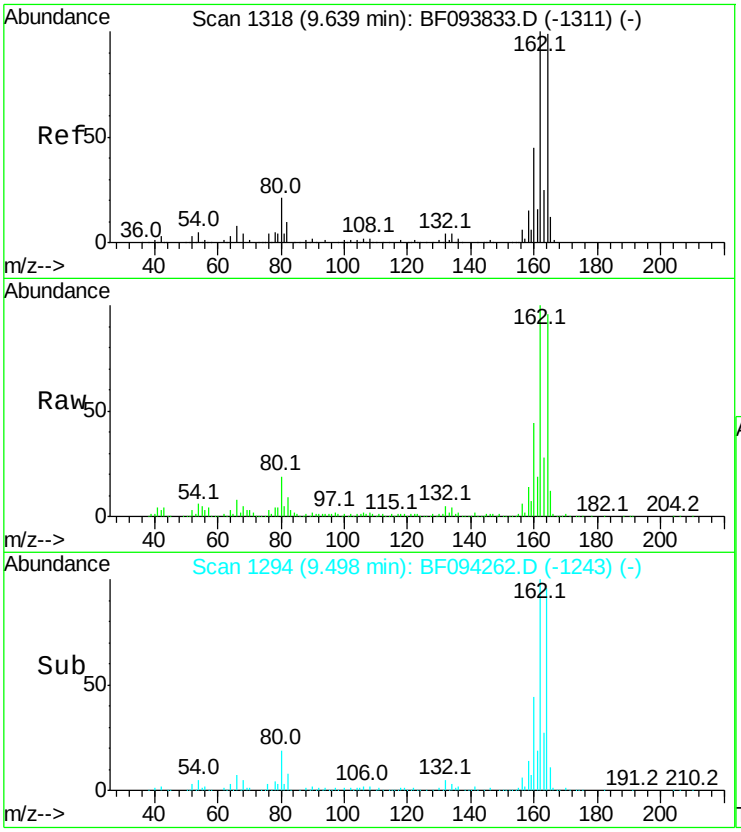


#23
Nitrobenzene-d5
Concen: 46.62 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion: 82 Resp: 515320

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	49.5	42.2	63.2



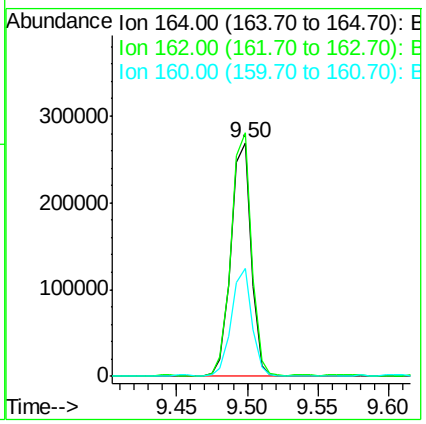


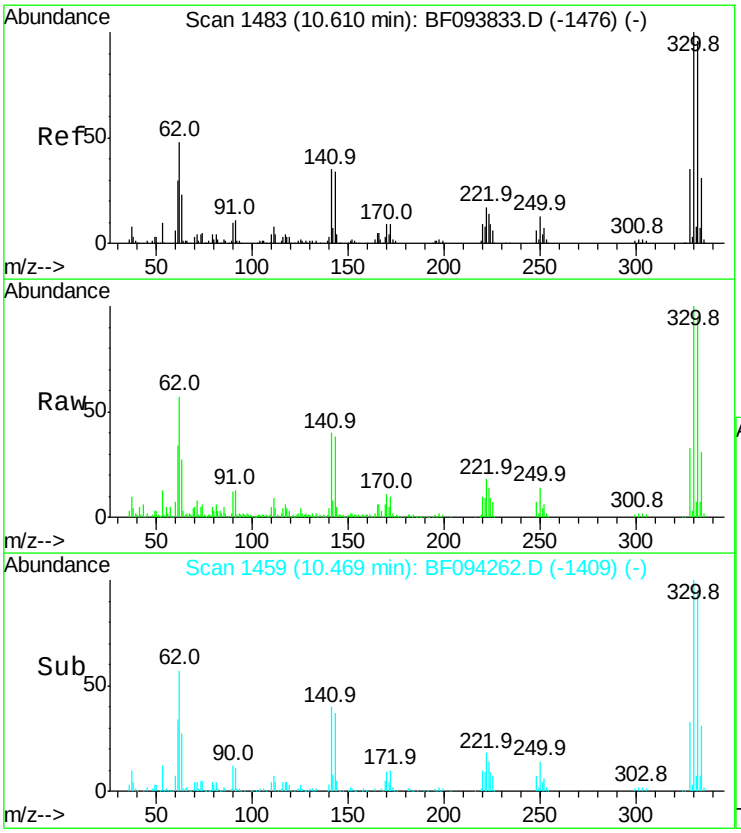
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 270997

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	46.2	36.2	54.2

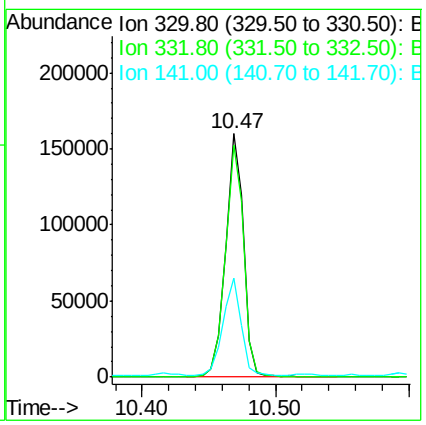


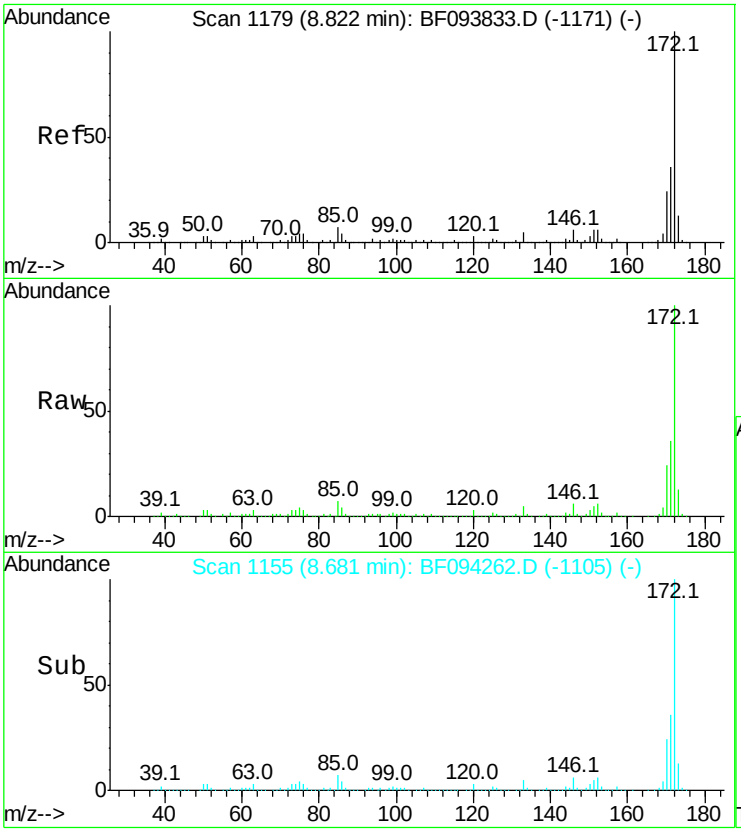


#41
2,4,6-Tribromophenol
Concen: 71.13 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:330 Resp: 152324

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.3	31.4	47.2



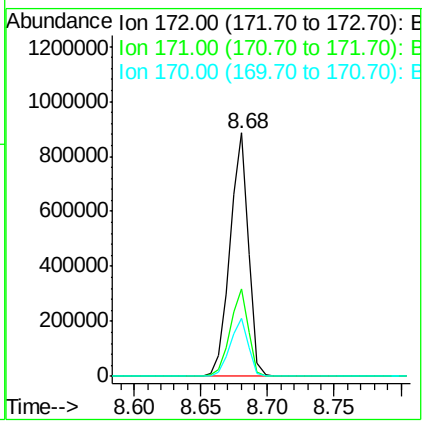


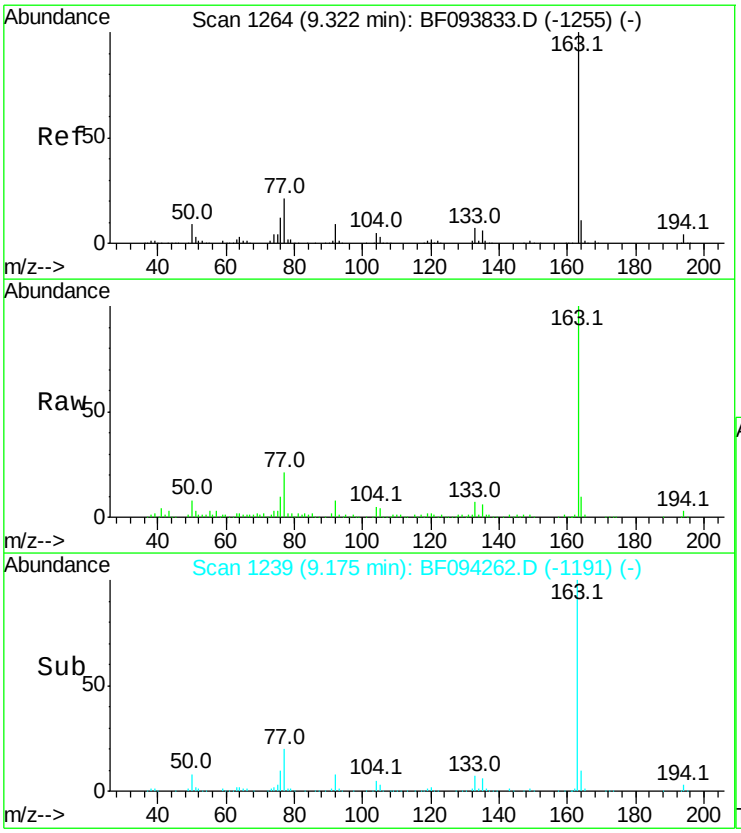
#44
2-Fluorobiphenyl
Concen: 48.65 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 864339

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8

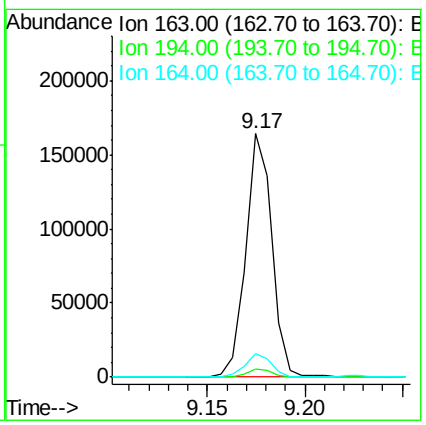


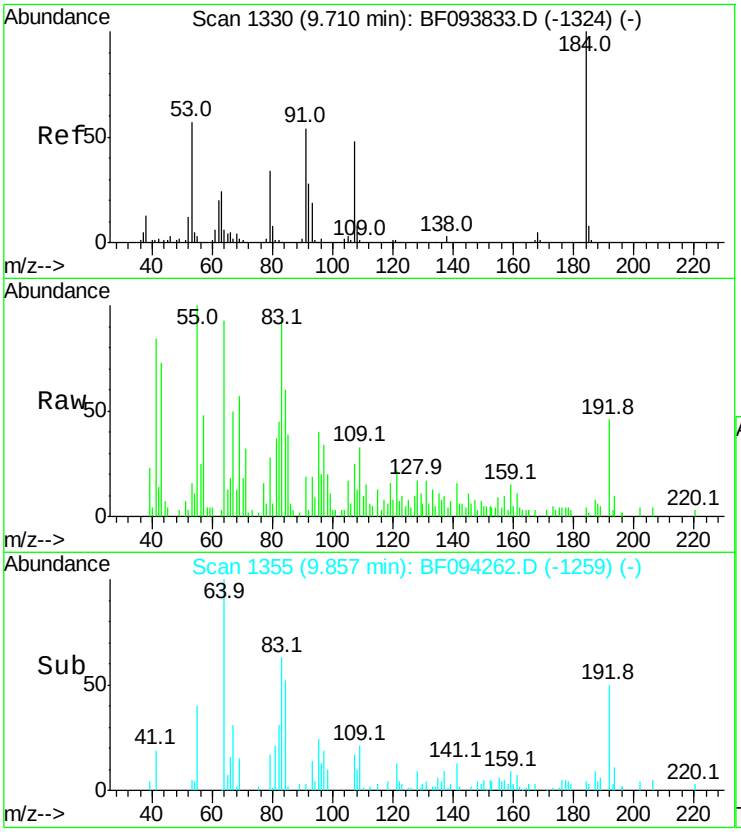


#49
Dimethylphthalate
Concen: 7.90 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:163 Resp: 152161

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6



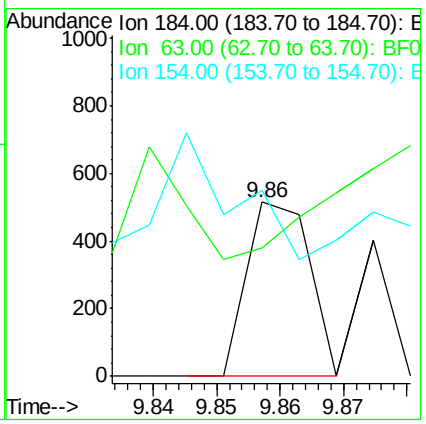


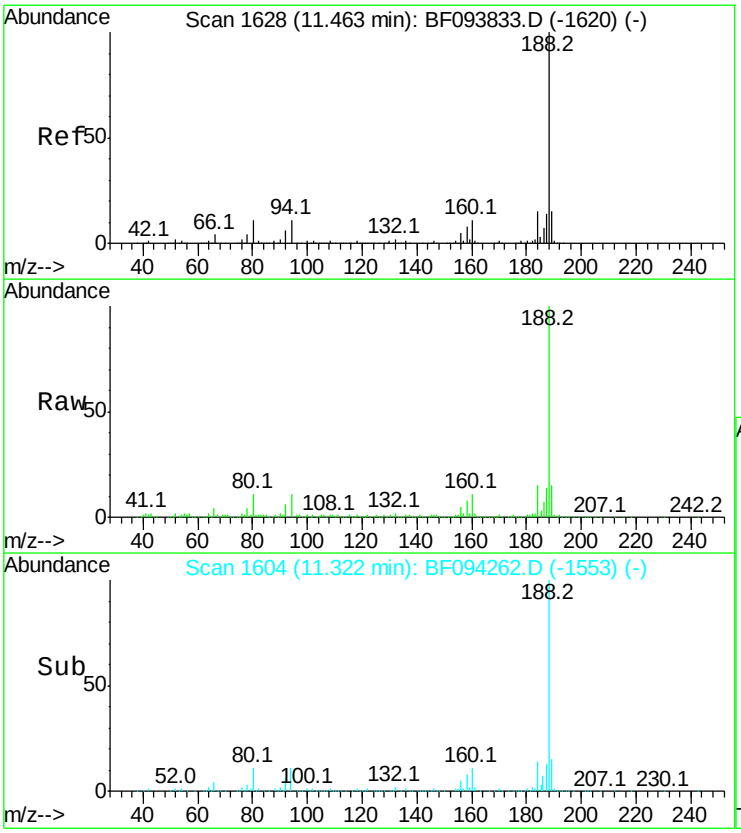
#53
2,4-Dinitrophenol
Concen: 4.80 ng
RT: 9.86 min Scan# 1355
Delta R.T. 0.26 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 350

Ion	Ratio	Lower	Upper
184	100		
63	73.4	62.7	94.1
154	107.0	81.1	121.7

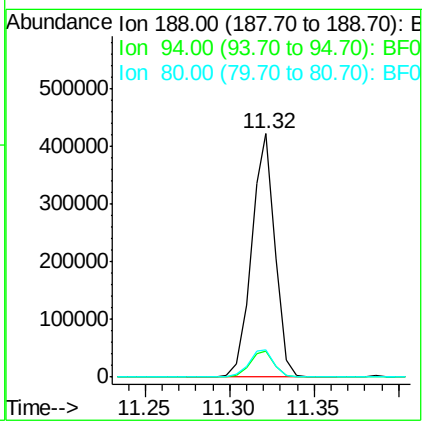


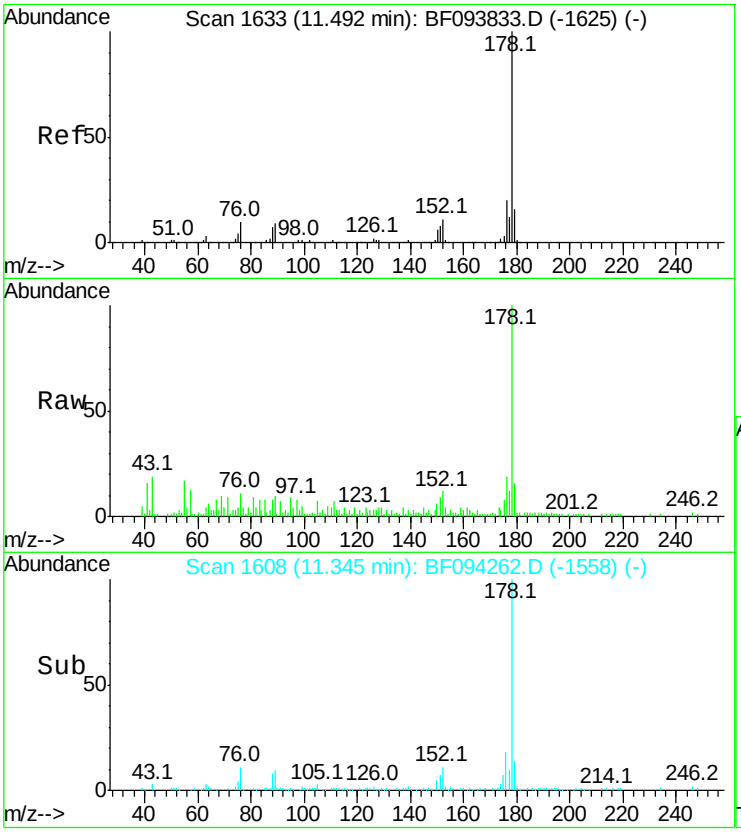


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:188 Resp: 404562

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.0	10.2	15.2



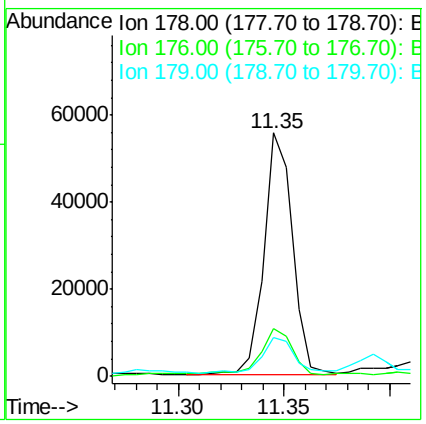


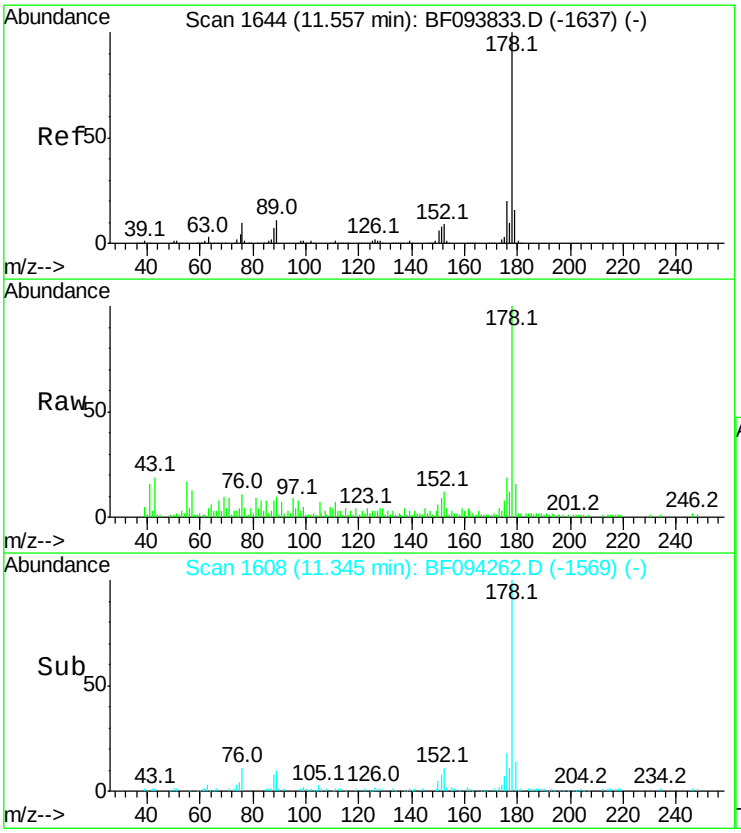
#70
Phenanthrene
Concen: 2.33 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52346

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.7	12.6	19.0

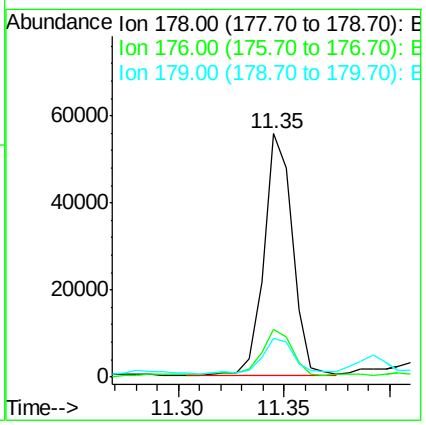


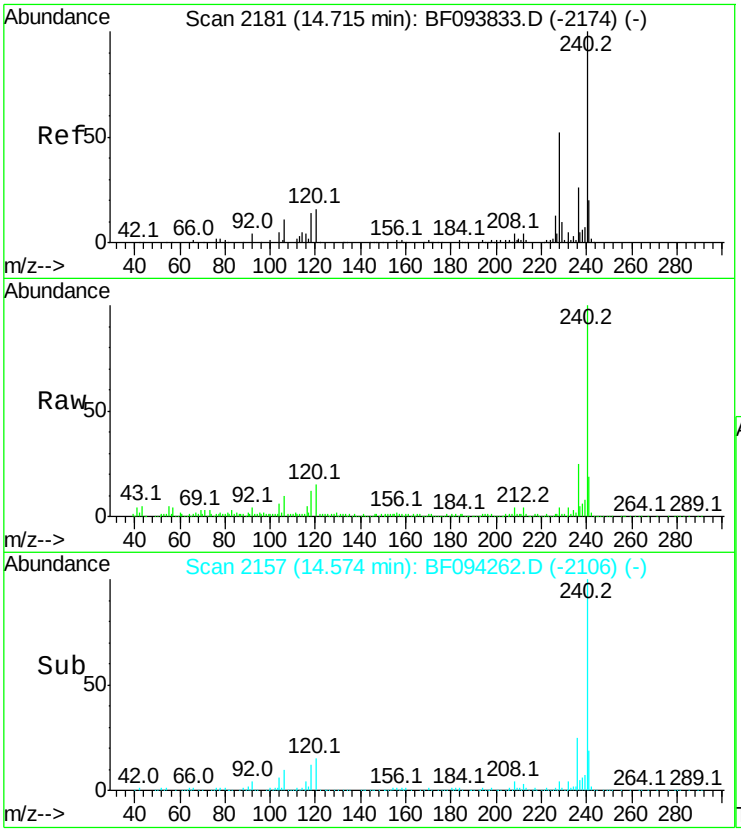


#71
Anthracene
Concen: 2.26 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.07 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:178 Resp: 52346

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	12.7	19.1



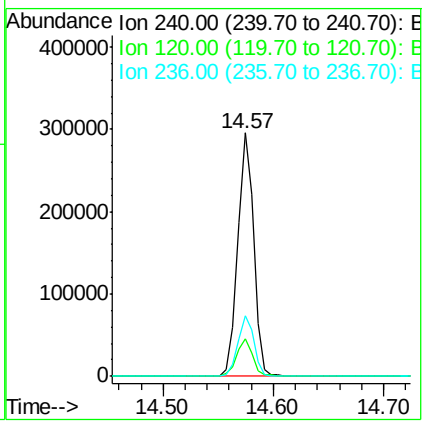


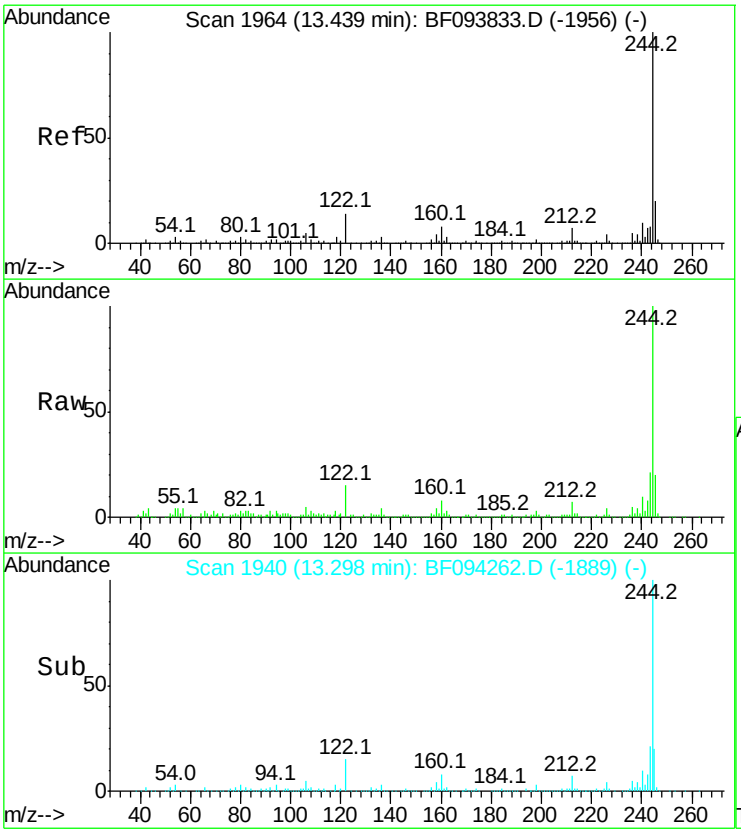
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 302897

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.0	20.5	30.7

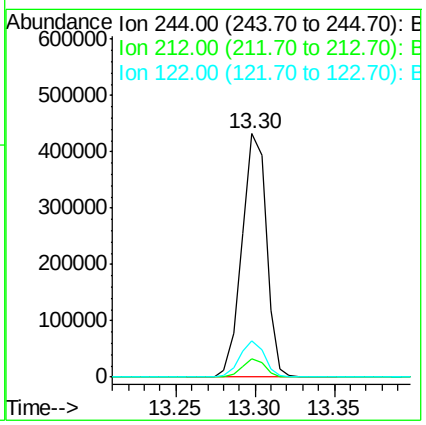


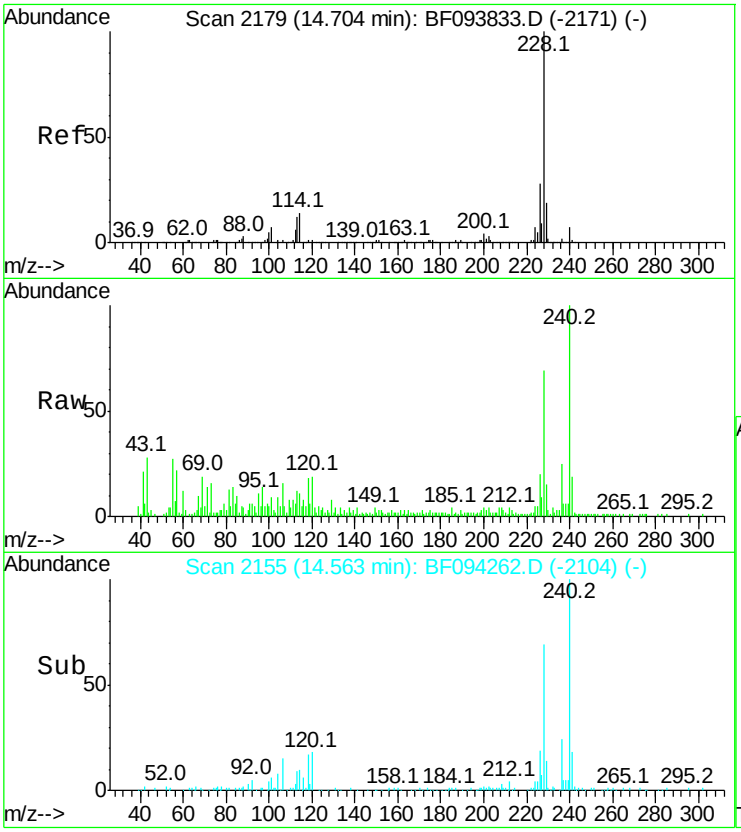


#78
Terphenyl-d14
Concen: 34.29 ng
RT: 13.30 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:244 Resp: 463413

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.9	10.3	15.5



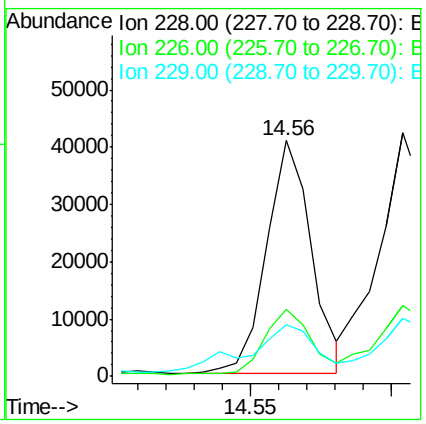


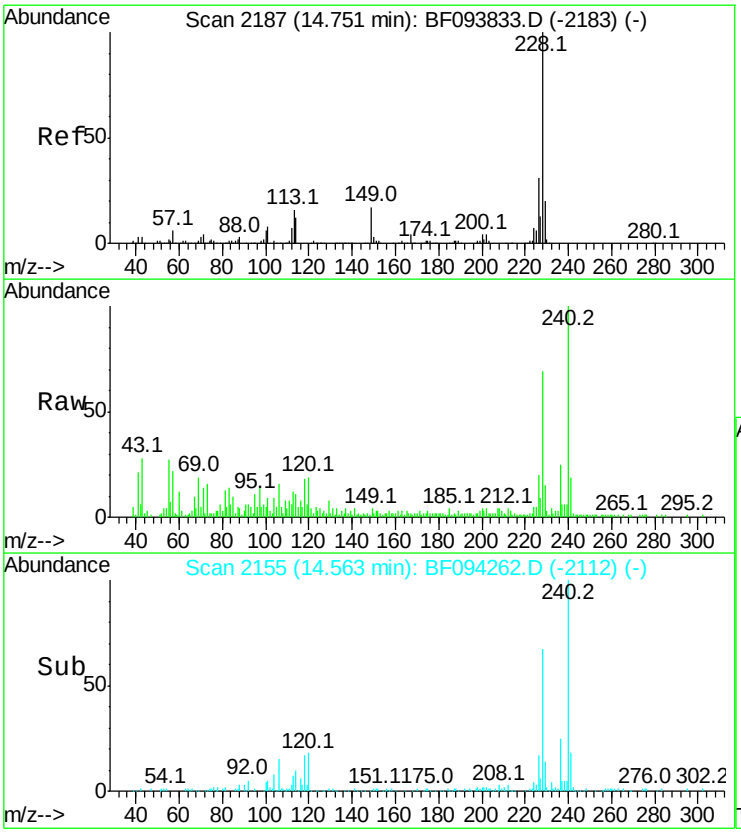
#80
Benzo(a)anthracene
Concen: 2.54 ng
RT: 14.56 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44785

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.0	16.3	24.5

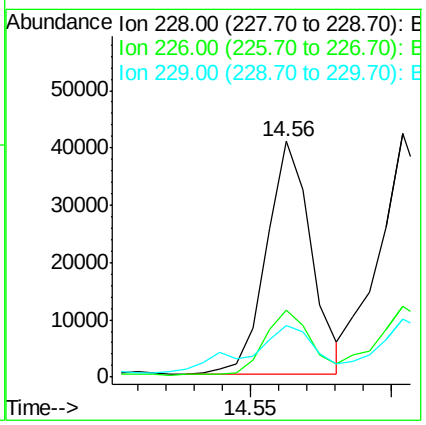


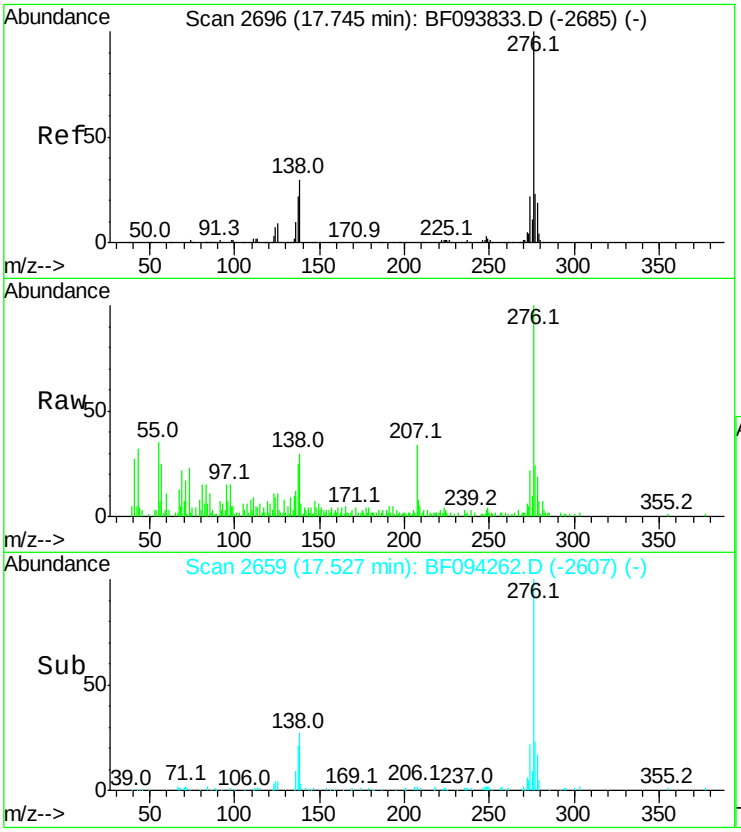


#82
Chrysene
Concen: 2.73 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:228 Resp: 44785

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.9	37.3
229	22.0	15.8	23.6



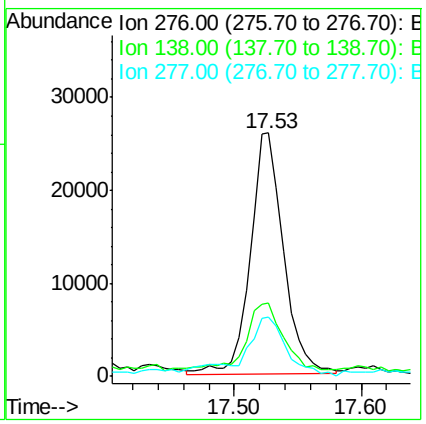


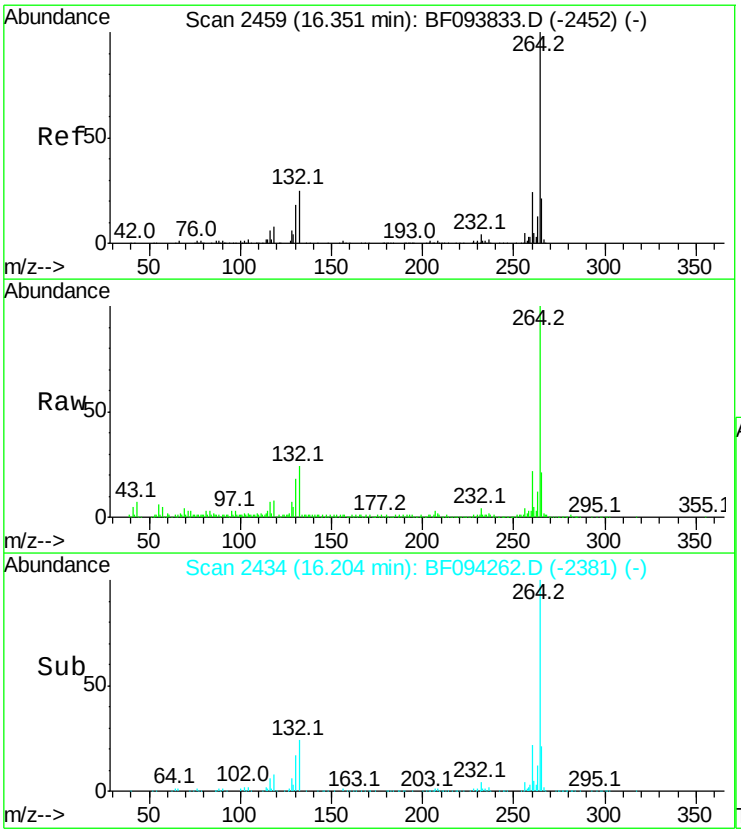
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng
RT: 17.53 min Scan# 2659
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 47278

Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	26.7	20.2	30.4

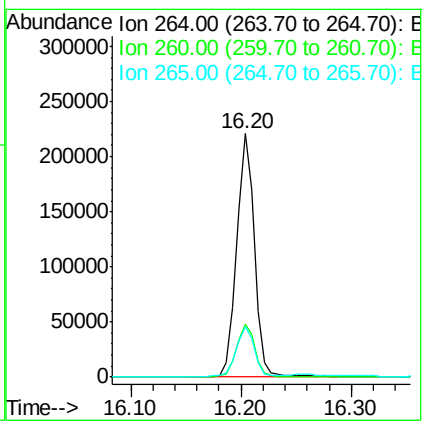


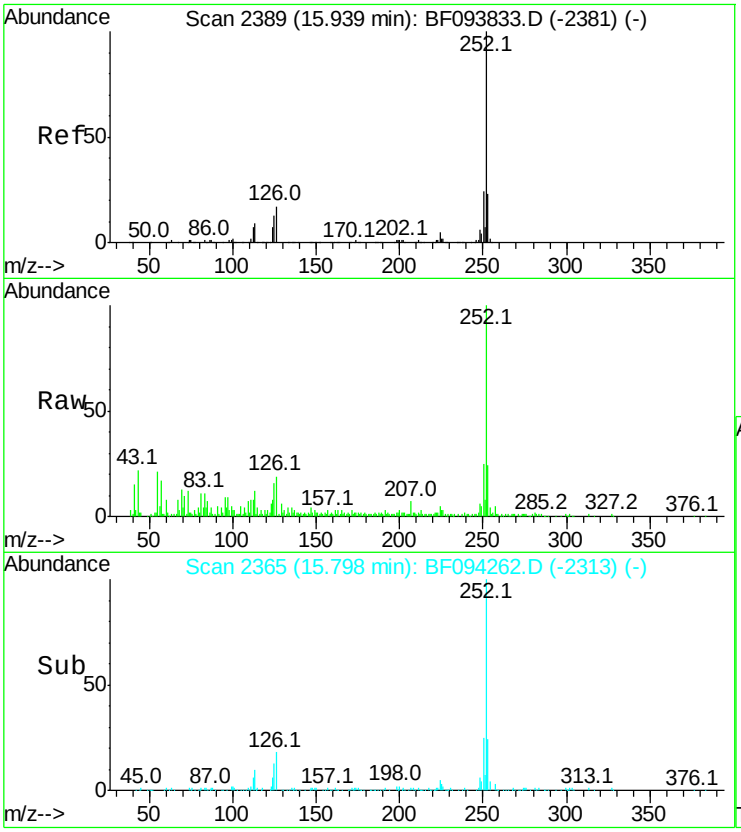


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:264 Resp: 251238

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.8	17.2	25.8



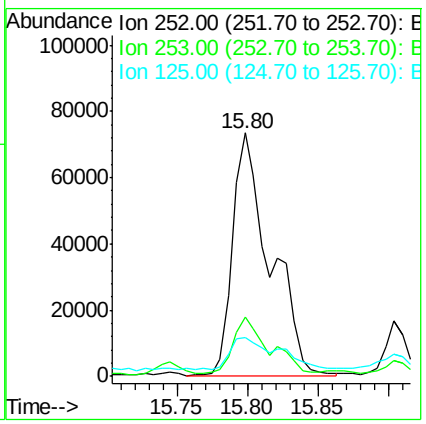


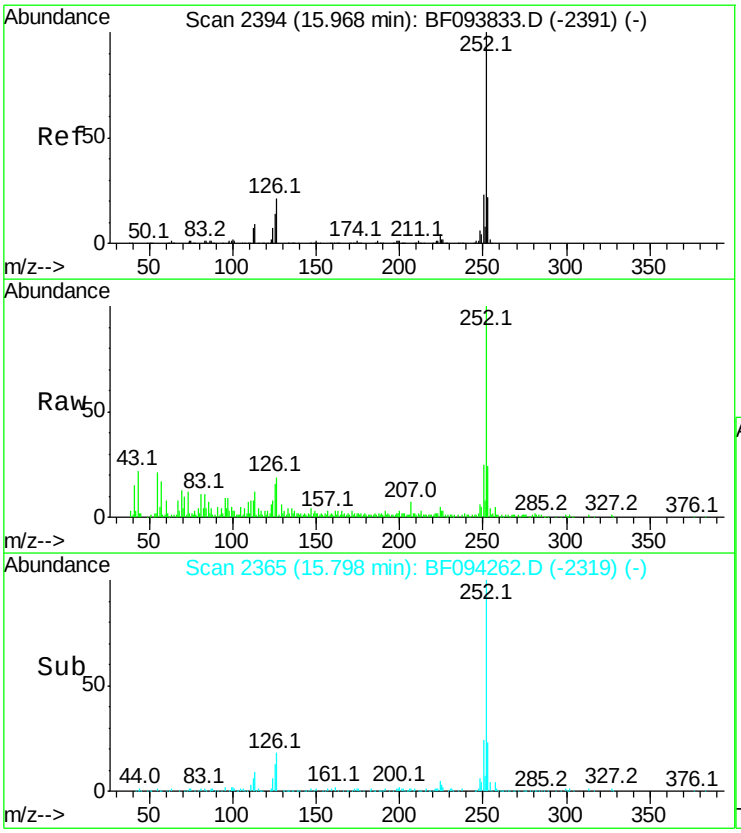
#87
Benzo(b)fluoranthene
Concen: 8.94 ng
RT: 15.80 min Scan# 2365
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 137614

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	16.0	9.8	14.8#

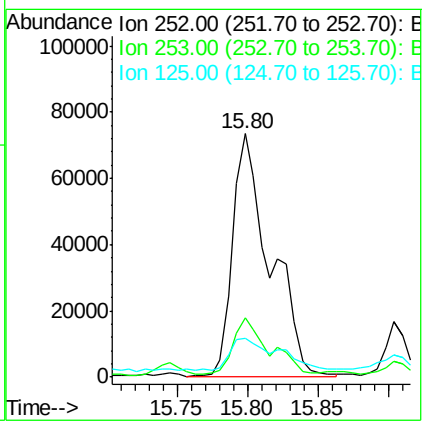


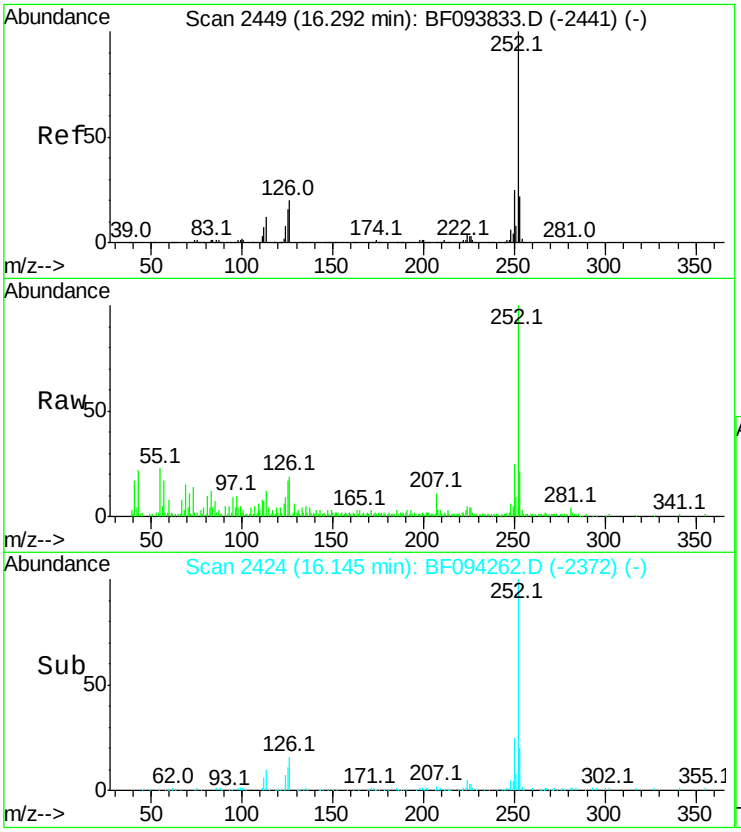


#88
Benzo(k)fluoranthene
Concen: 9.13 ng
RT: 15.80 min Scan# 2365
Delta R.T. -0.03 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:252 Resp: 137614

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	16.0	13.1	19.7



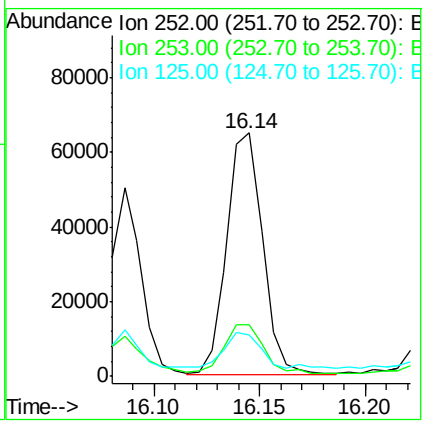


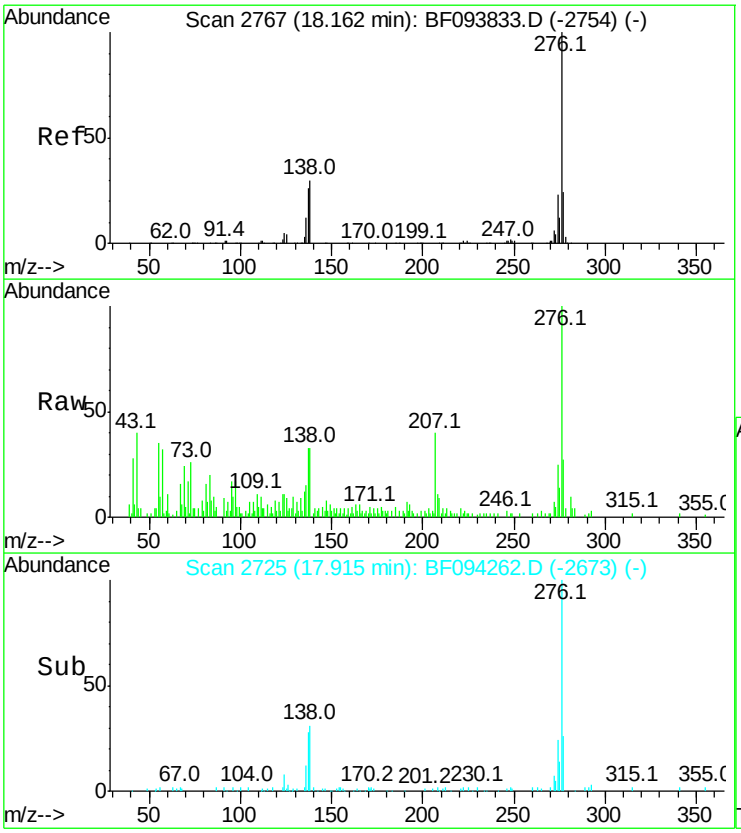
#89
Benzo(a)pyrene
Concen: 5.38 ng
RT: 16.14 min Scan# 2424
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 76256

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	16.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 17.92 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion:276 Resp: 41379

Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.6	28.0
138	32.9	25.4	38.0