Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF040317\
Data File : BF094167.D
Acq On : 4 Apr 2017 14:09
Operator : SJ/MA
Sample : I2510-12DL 10X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-U4-NSWDL

Quant Time: Apr 04 14:49:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	154540	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	584606	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	219524	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	333804	20.00	ng		-0.01
75) Chrysene-d12	14.62	240	291482	20.00	ng		-0.01
86) Perylene-d12	16.24	264	205289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	90967	9.94	ng		-0.02
7) Phenol-d6	5.49	99	111026	9.81	ng		-0.02
23) Nitrobenzene-d5	6.53	82	46488	4.54	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	12554	7.24	ng		-0.02
44) 2-Fluorobiphenyl	8.72	172	98808	6.87	ng		-0.02
78) Terphenyl-d14	13.33	244	60893	4.68	ng		-0.02
Target Compounds							Qvalue
70) Phenanthrene	11.39	178	174087	9.38	ng		98
71) Anthracene	11.45	178	68077	3.56	ng		98
74) Fluoranthene	12.86	202	669634	35.22	ng		99
77) Pyrene	13.13	202	654556	30.94	ng		99
80) Benzo(a)anthracene	14.60	228	312849	18.41	ng		97
82) Chrysene	14.64	228	281393	17.84	ng		97
85) Indeno(1,2,3-cd)pyrene	17.59	276	121526	8.90	ng		93
87) Benzo(b)fluoranthene	15.84	252	389148	30.93	ng		98
88) Benzo(k)fluoranthene	15.84	252	389148	31.61	ng		97
89) Benzo(a)pyrene	16.19	252	210386	18.16	ng		99
90) Dibenzo(a,h)anthracene	17.60	278	25048	2.55	ng	#	85
91) Benzo(g,h,i)perylene	17.99	276	115241	11.65	ng		100

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

Quantitation Report (Not Reviewed)

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Instrument :
BNA_F
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E2-U4-NSWDL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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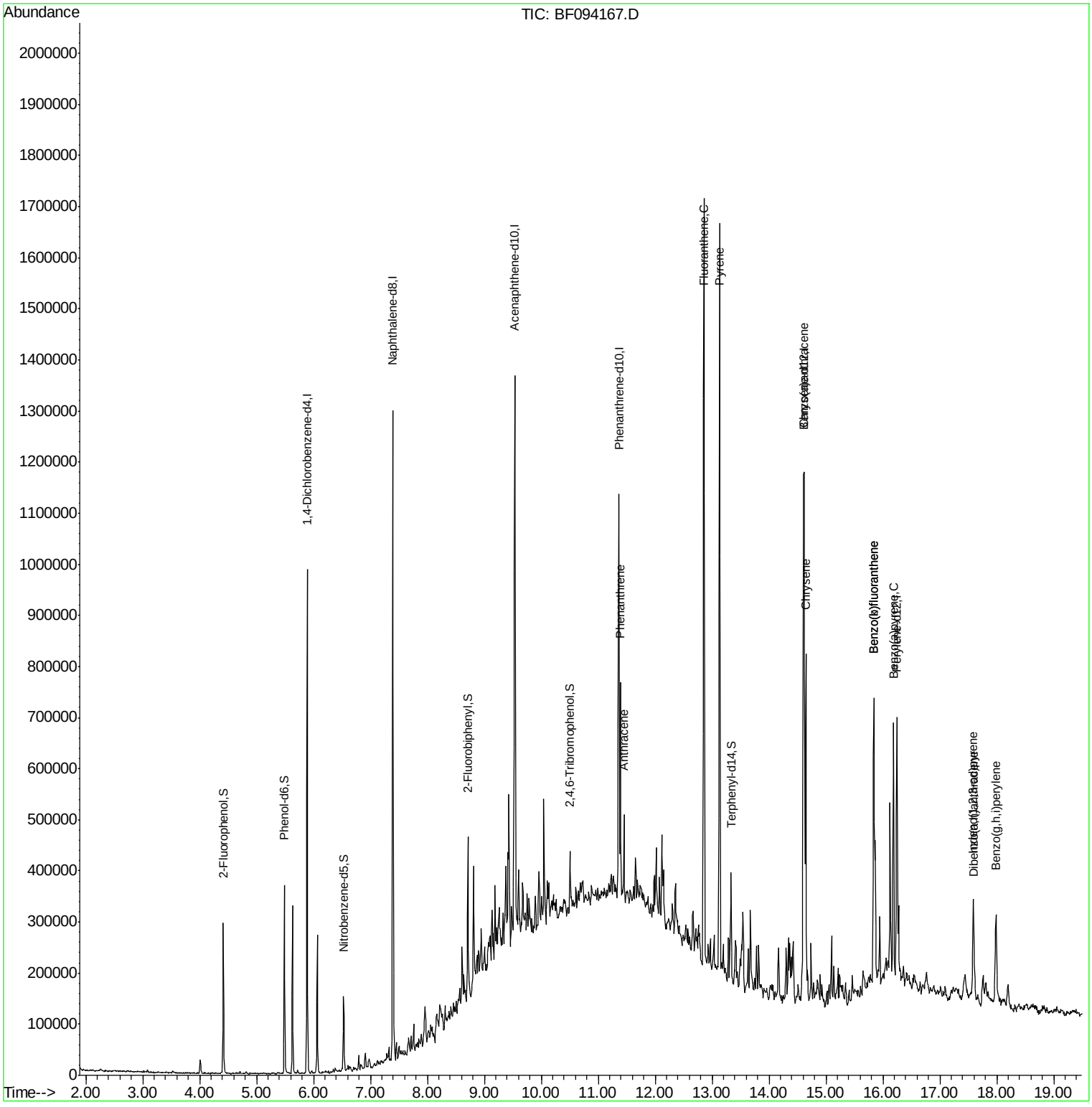
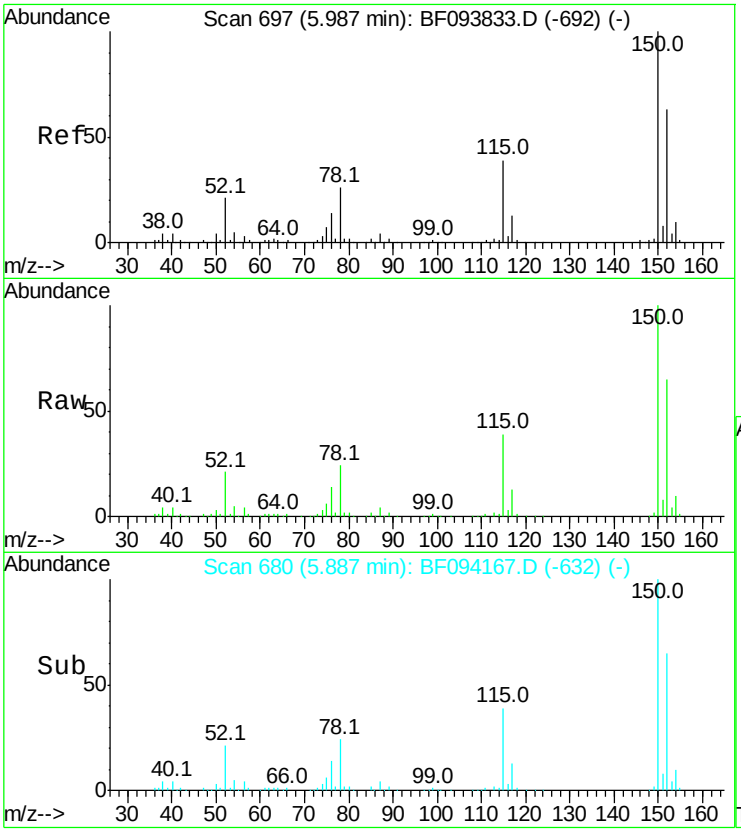


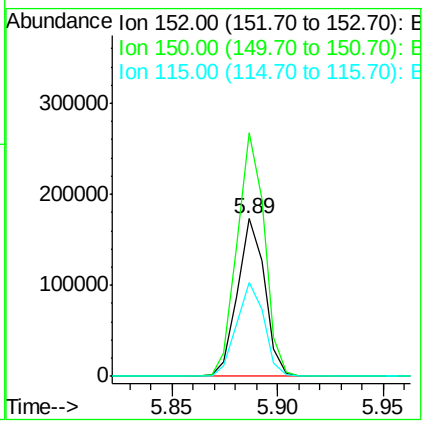


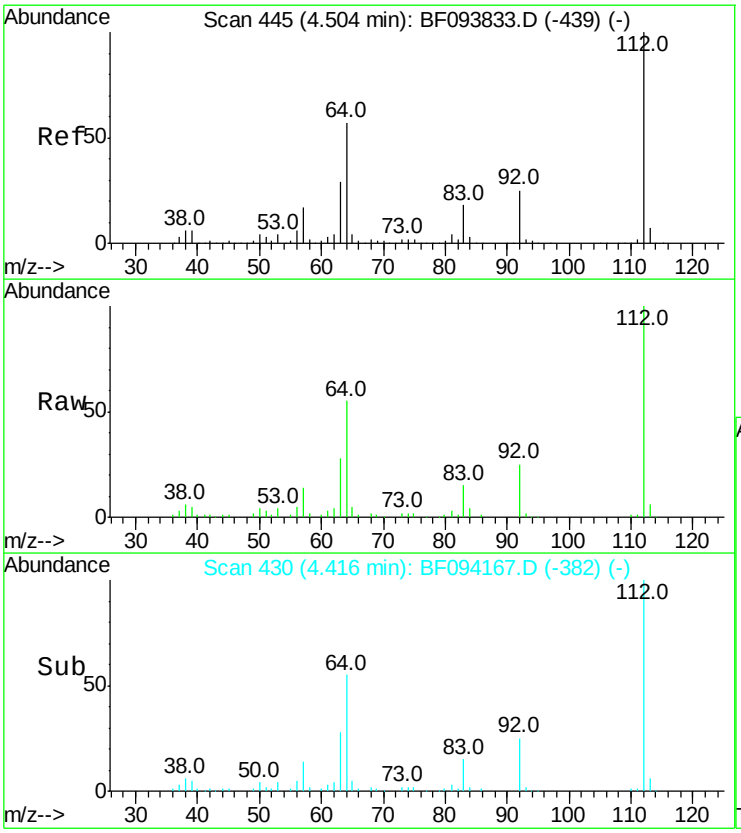
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:152 Resp: 154540

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	59.8	52.2	78.2

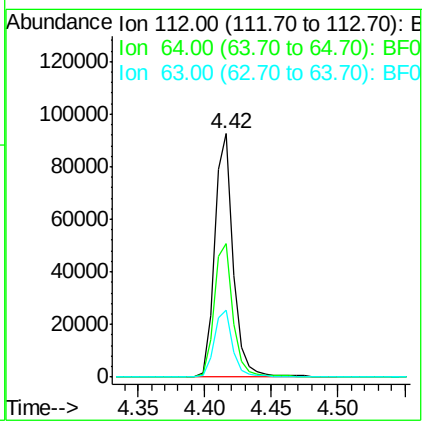


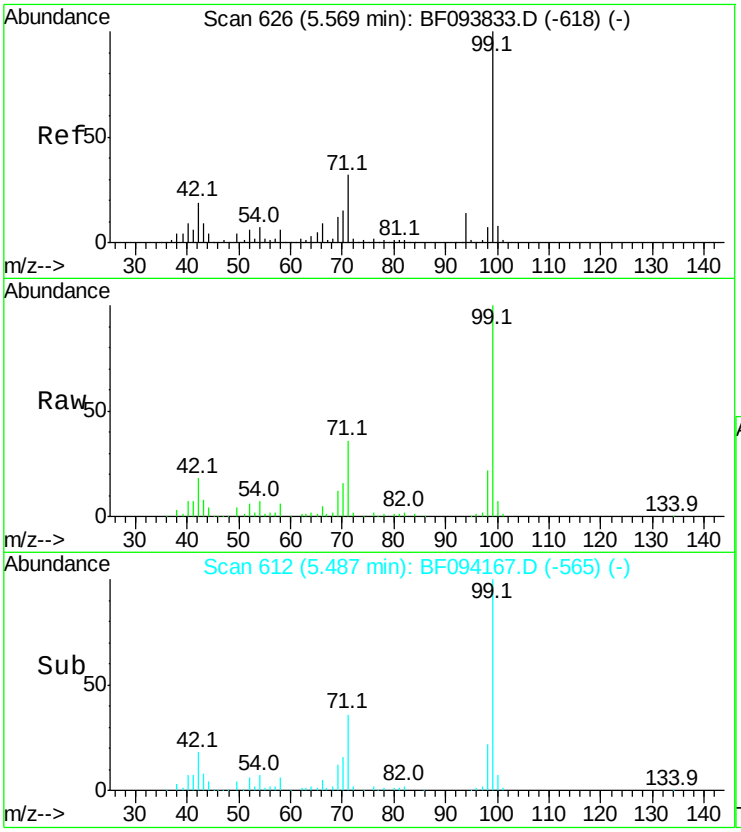


#5
2-Fluorophenol
Concen: 9.94 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:112 Resp: 90967

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	27.8	23.4	35.0



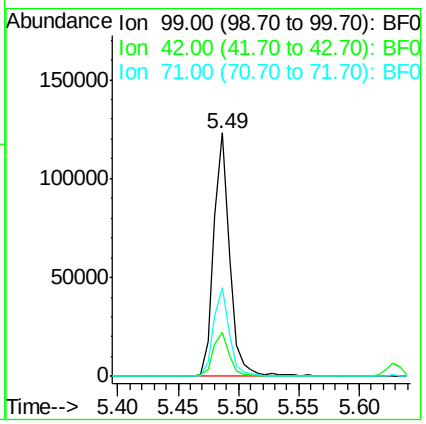


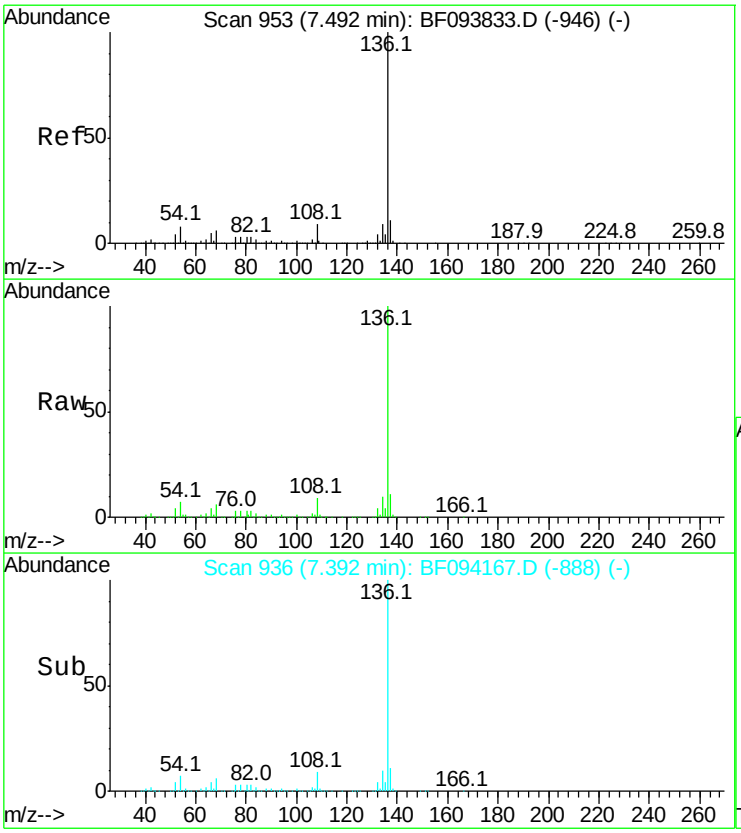
#7
Phenol-d6
Concen: 9.81 ng
RT: 5.49 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion: 99 Resp: 111026

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	36.3	24.5	36.7

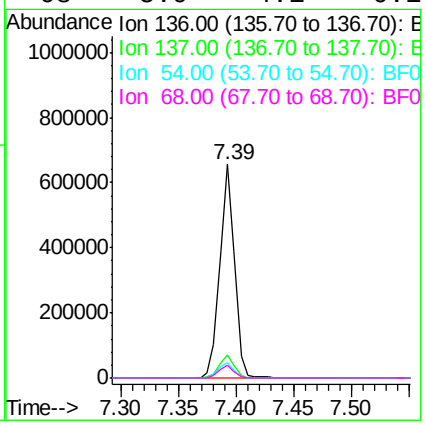


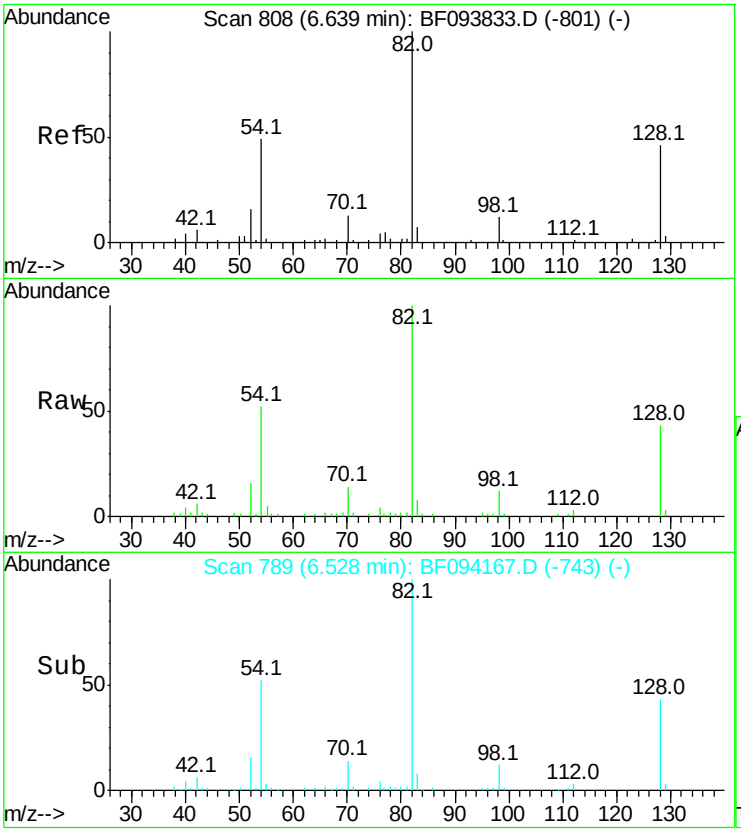


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:136 Resp: 584606

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	5.9	4.1	6.1



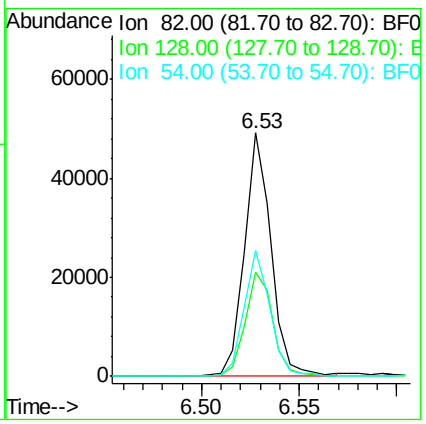


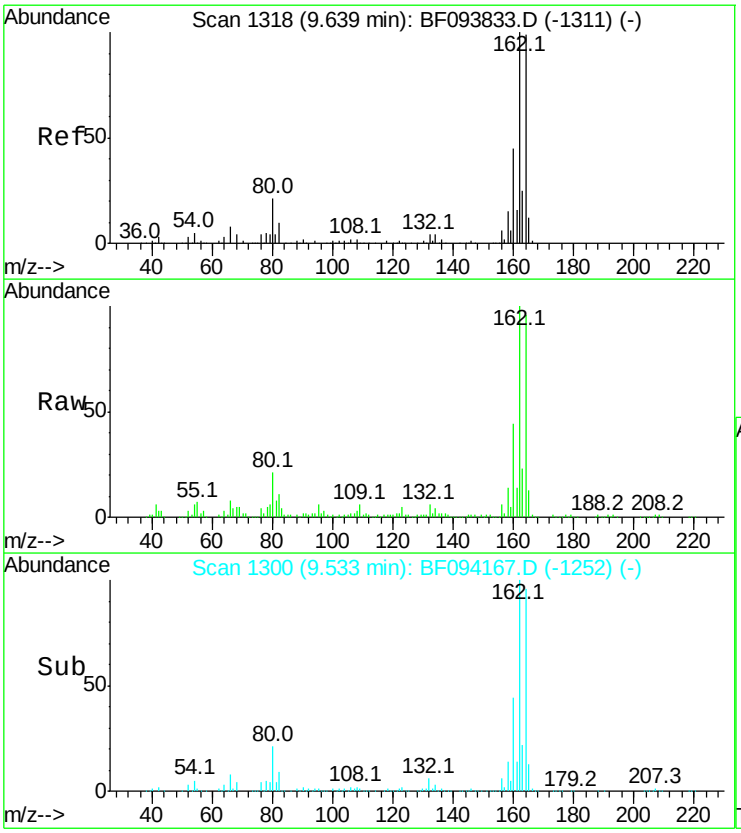
#23
Nitrobenzene-d5
Concen: 4.54 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion: 82 Resp: 46488

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	51.6	42.2	63.2

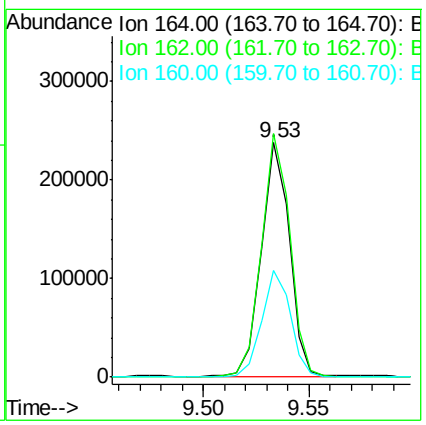


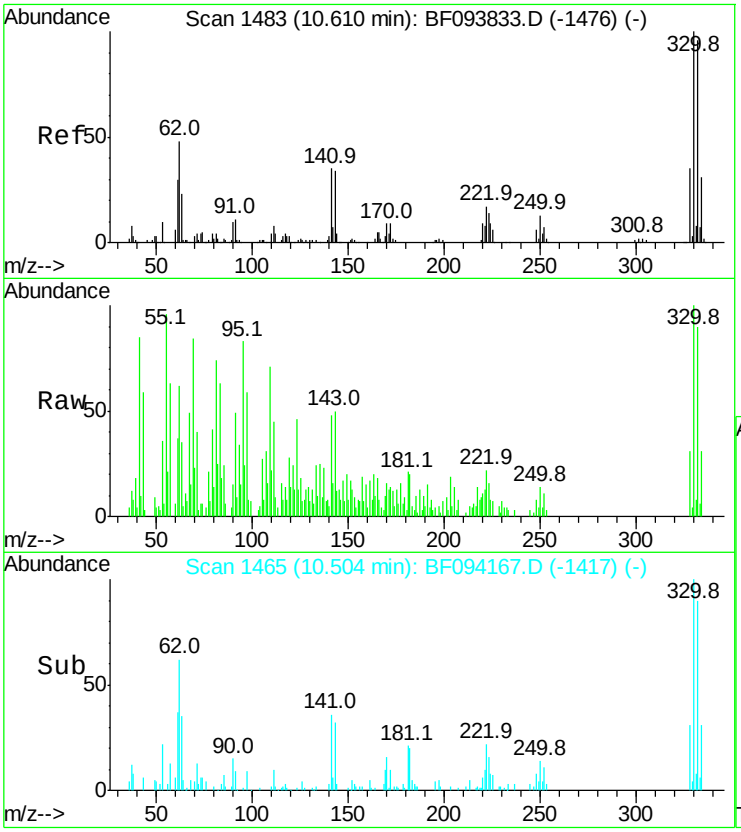


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:164 Resp: 219524

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	45.6	36.2	54.2



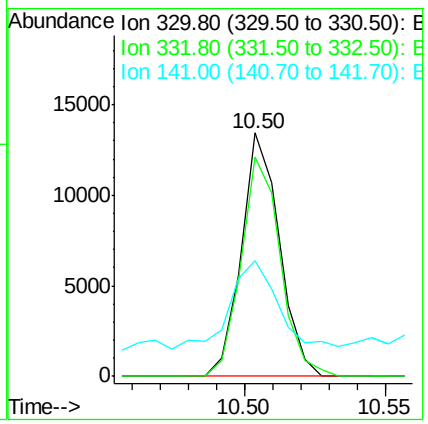


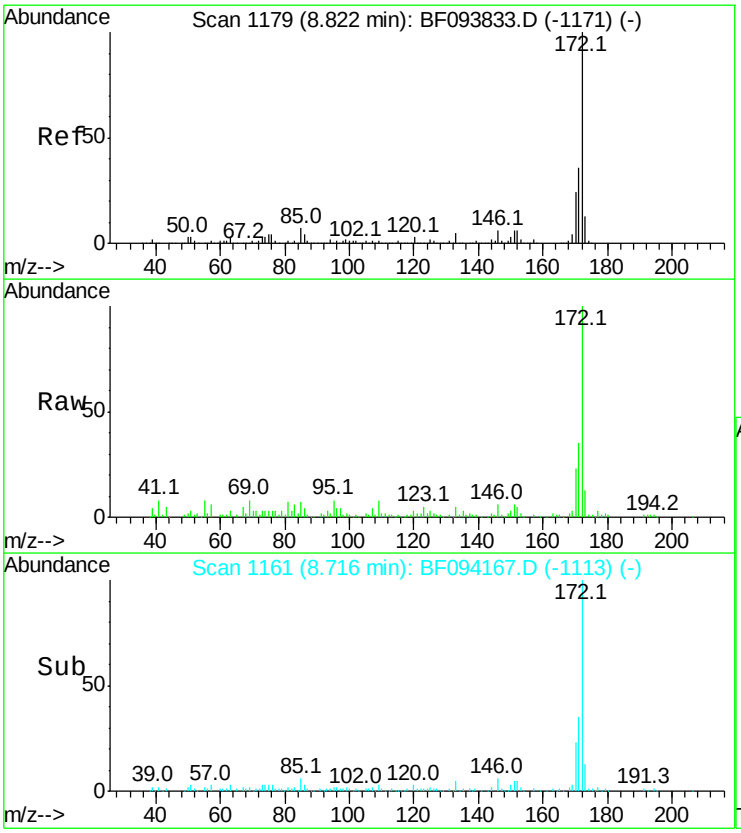
#41
2,4,6-Tribromophenol
Concen: 7.24 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:330 Resp: 12554

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.6	115.0
141	46.4	31.4	47.2

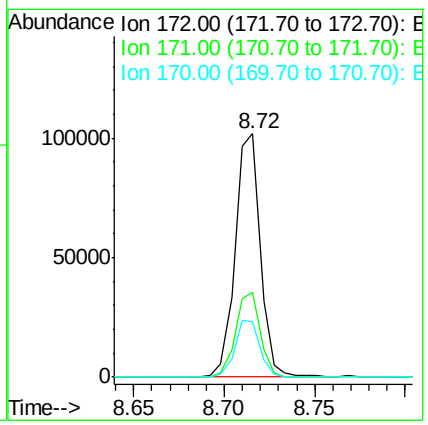


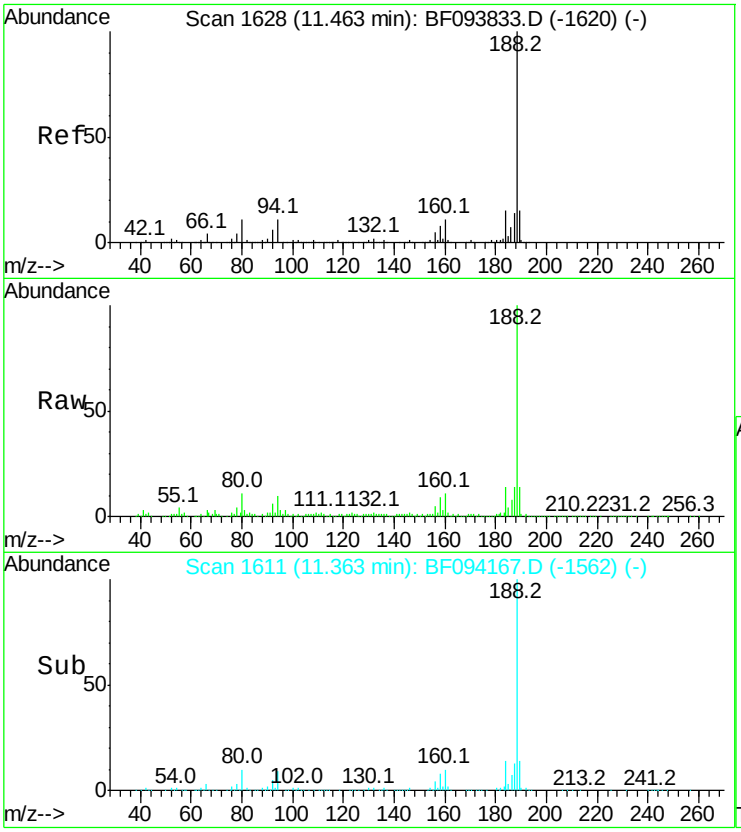


#44
2-Fluorobiphenyl
Concen: 6.87 ng
RT: 8.72 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:172 Resp: 98808

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.0	19.8	29.8



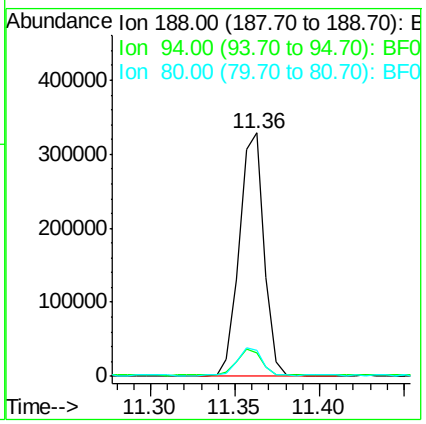


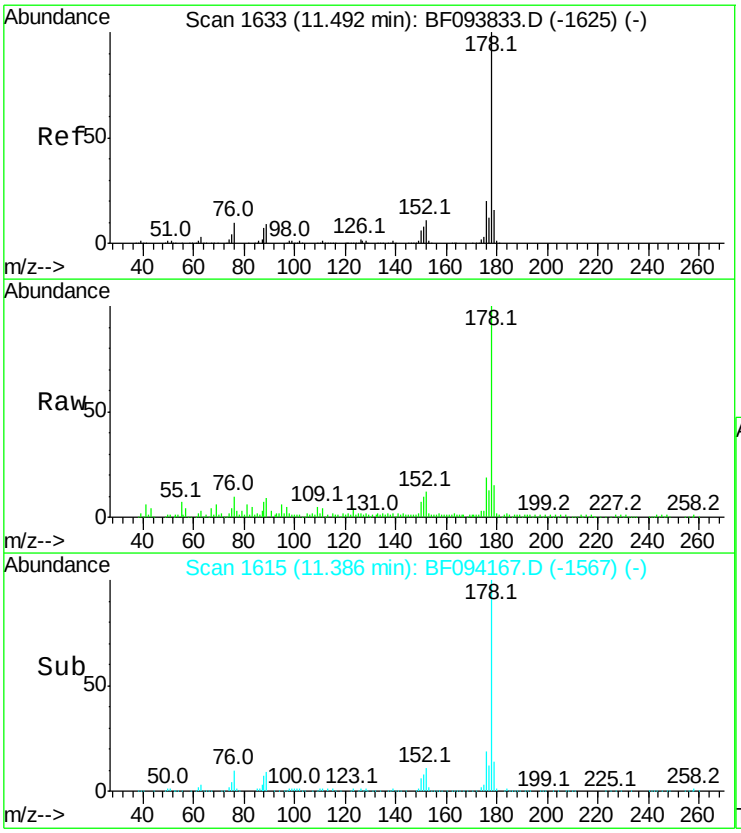
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:188 Resp: 333804

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.7	10.2	15.2

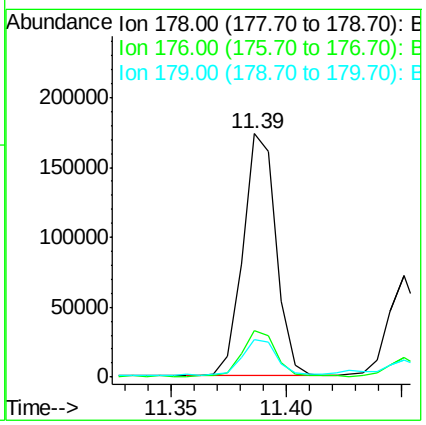


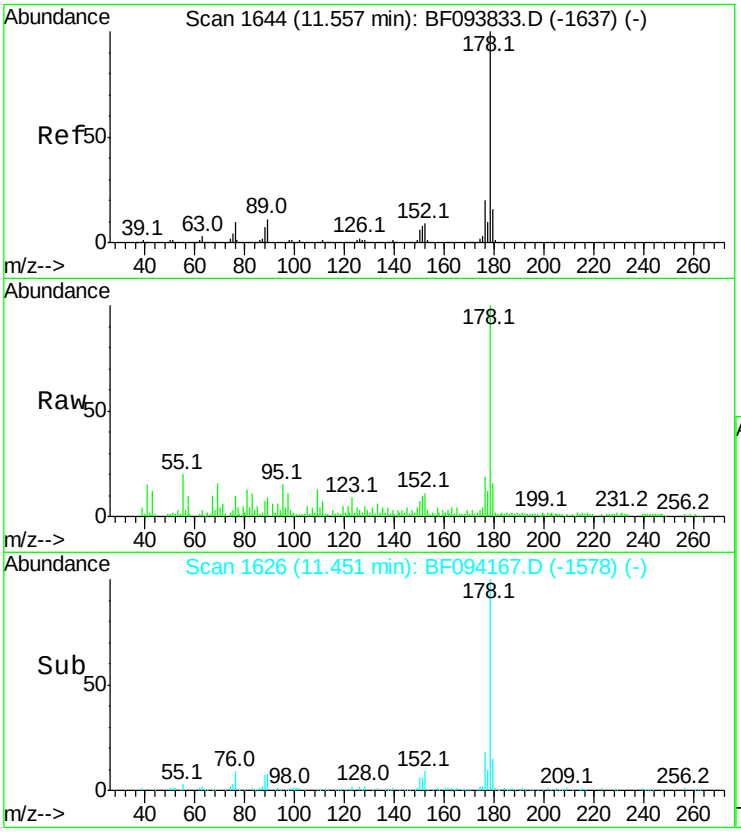


#70
Phenanthrene
Concen: 9.38 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:178 Resp: 174087

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.2	12.6	19.0



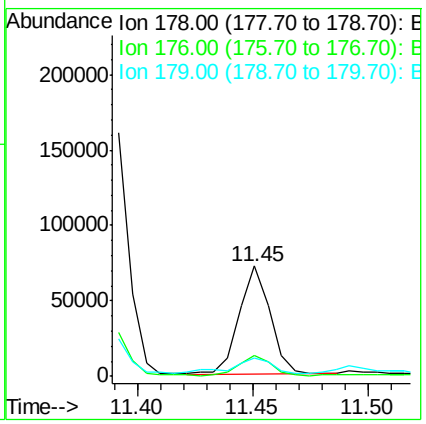


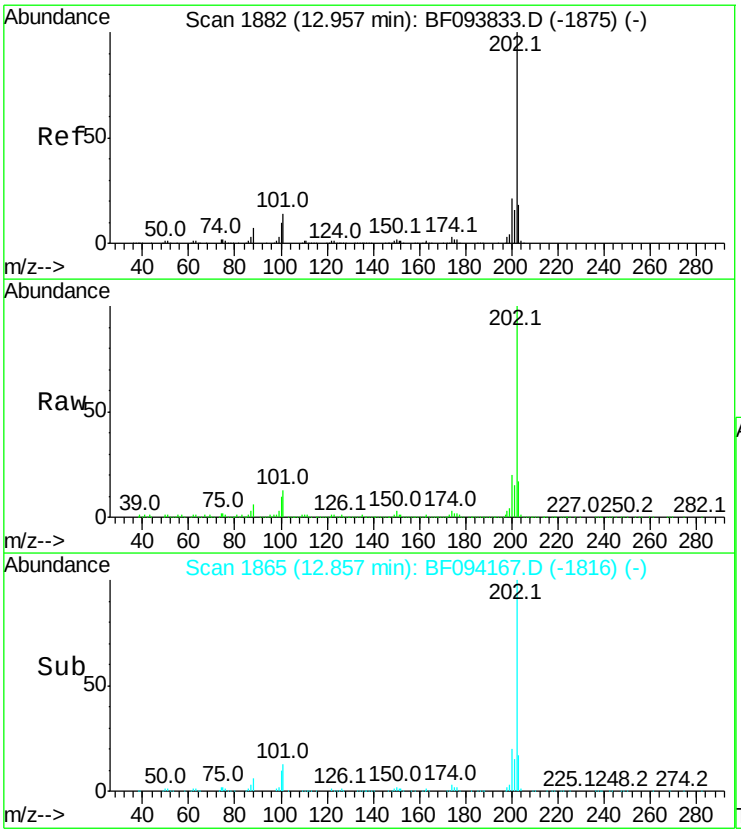
#71
Anthracene
Concen: 3.56 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:178 Resp: 68077

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.5	12.7	19.1

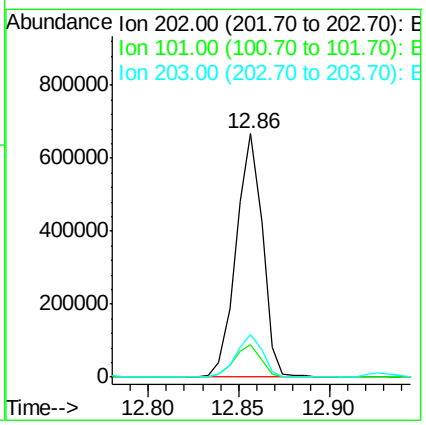


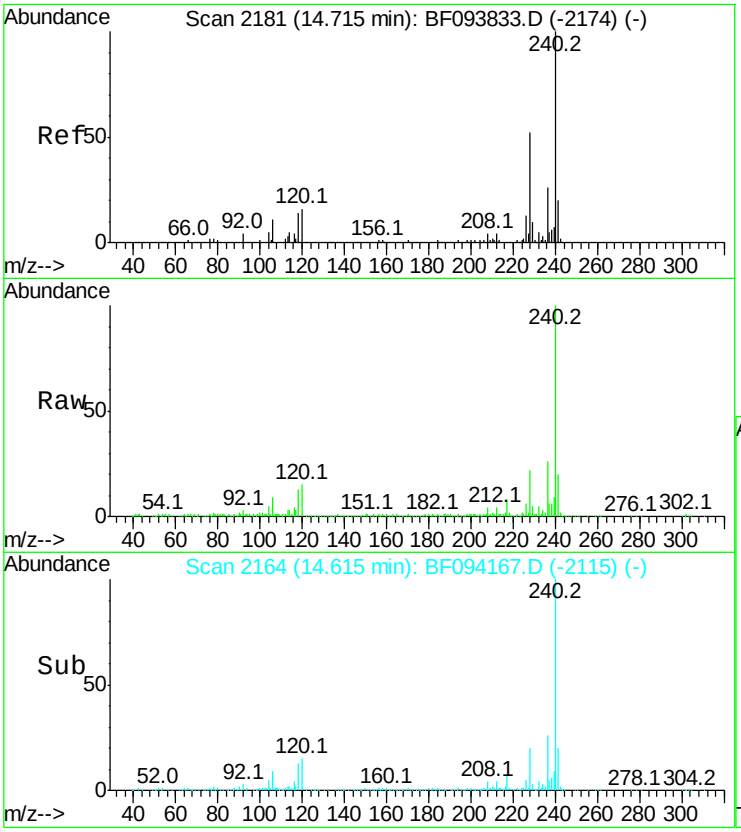


#74
Fluoranthene
Concen: 35.22 ng
RT: 12.86 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:202 Resp: 669634

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.3	0.0	38.1



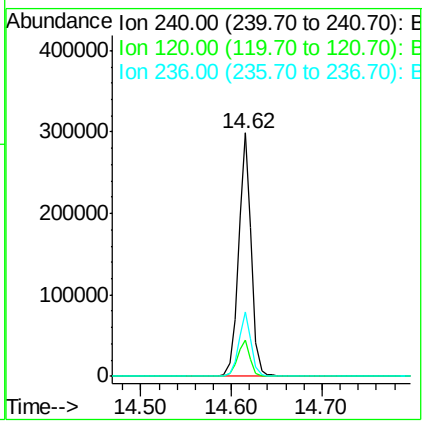


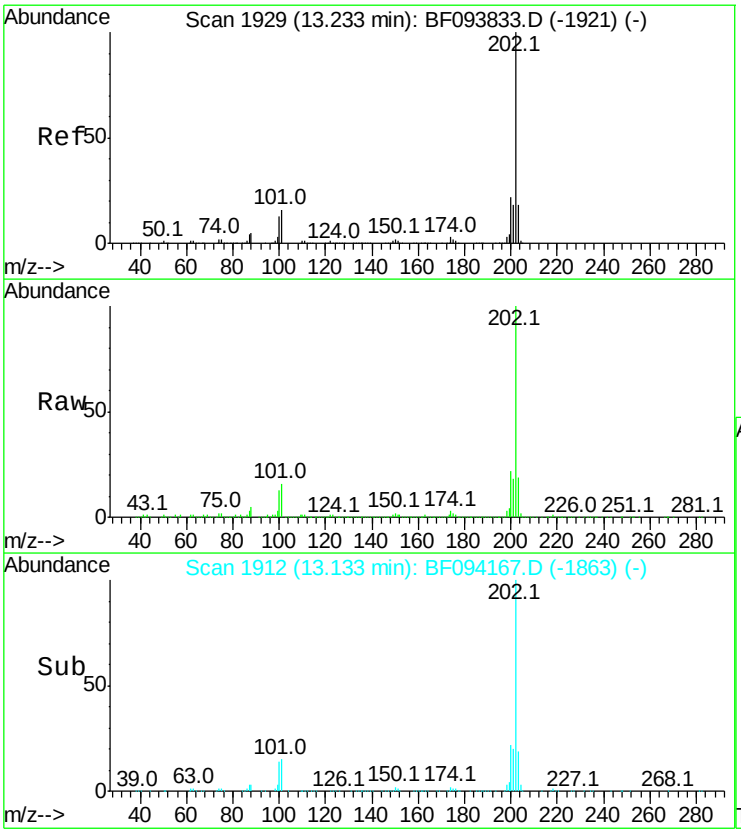
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:240 Resp: 291482

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.2	20.5	30.7

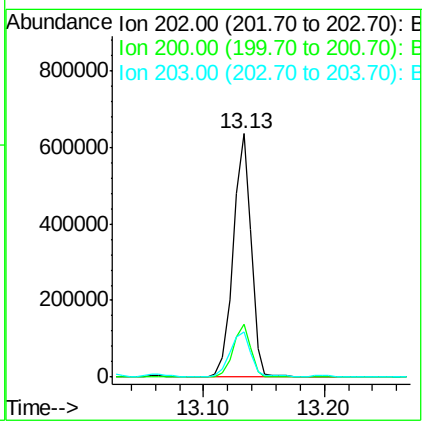


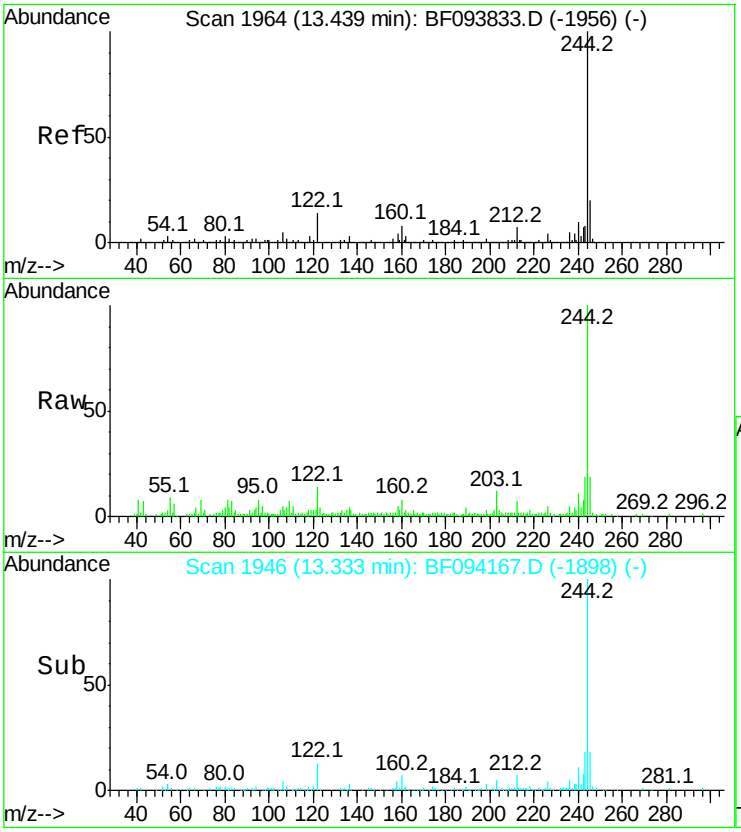


#77
Pyrene
Concen: 30.94 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:202 Resp: 654556

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.6	14.4	21.6



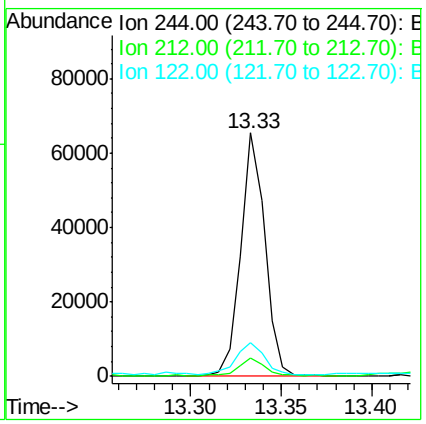


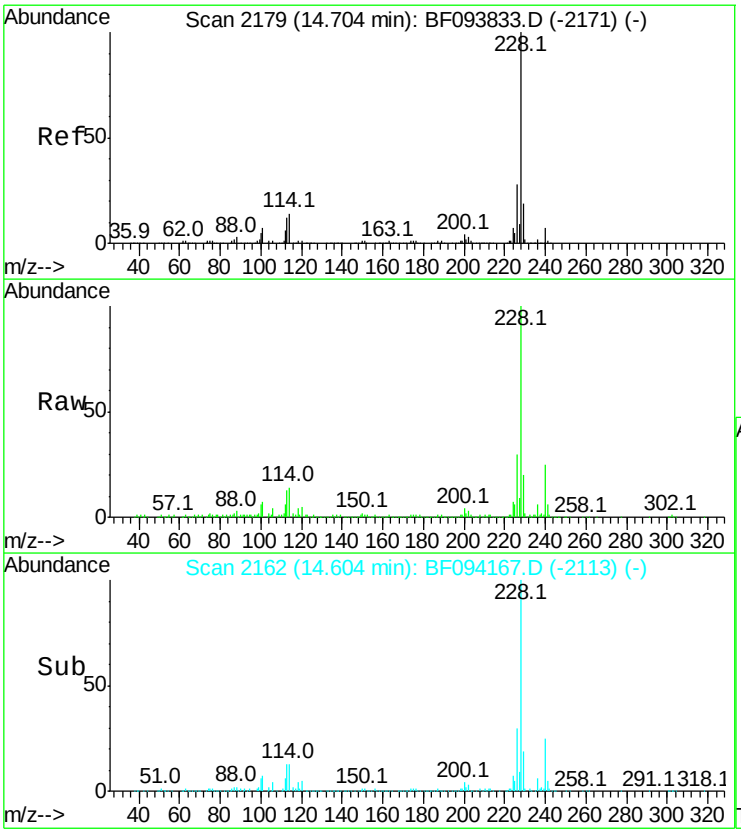
#78
Terphenyl-d14
Concen: 4.68 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:244 Resp: 60893

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.1	10.3	15.5

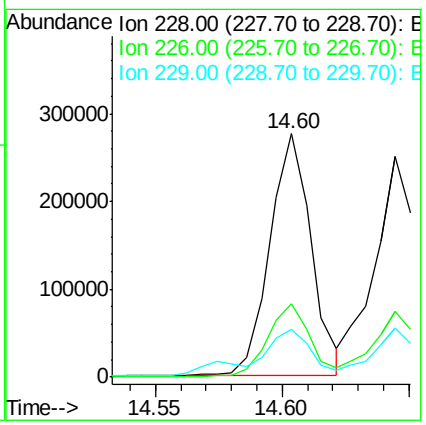


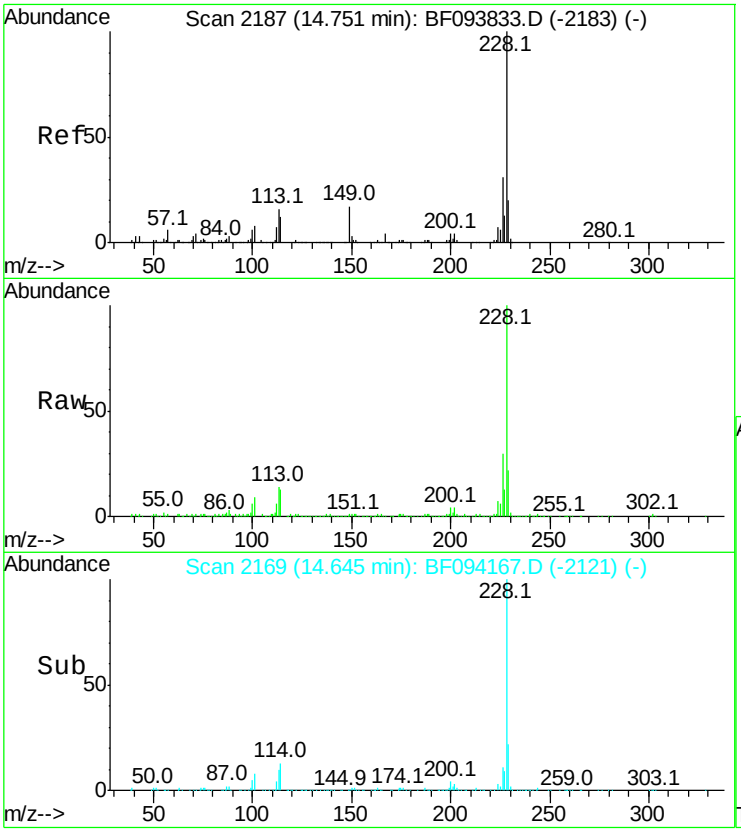


#80
Benzo(a)anthracene
Concen: 18.41 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:228 Resp: 312849

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	19.7	16.3	24.5



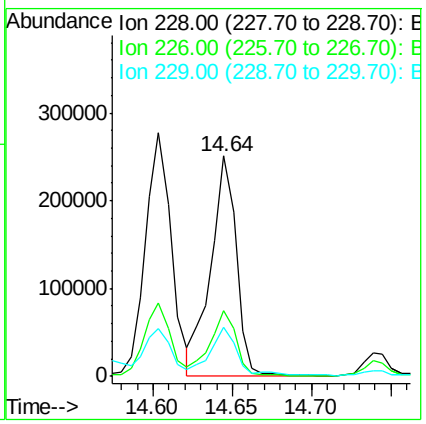


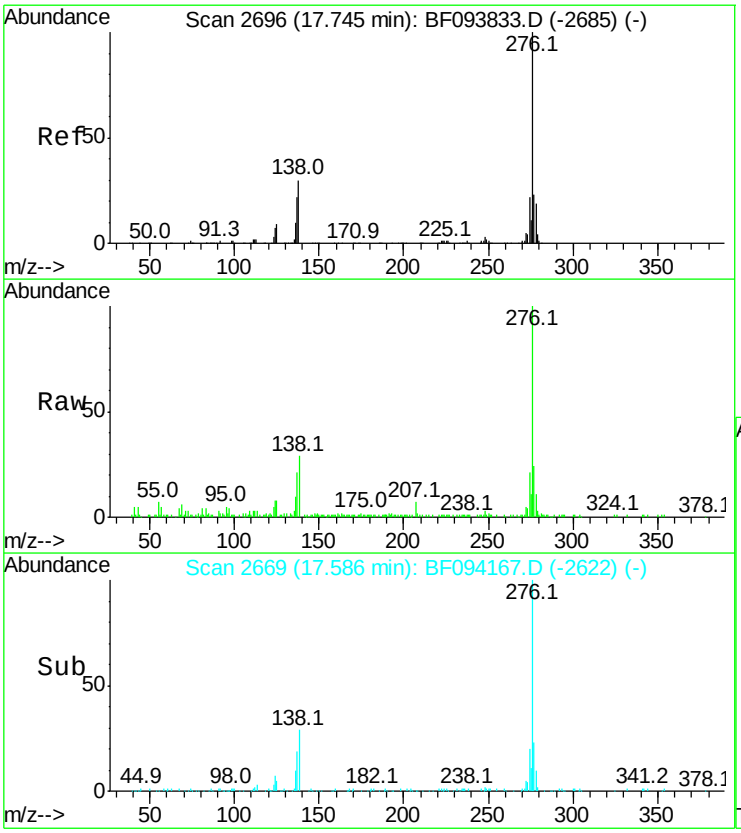
#82
Chrysene
Concen: 17.84 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:228 Resp: 281393

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.2	15.8	23.6

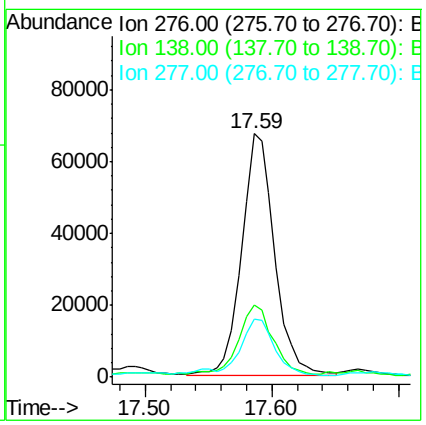


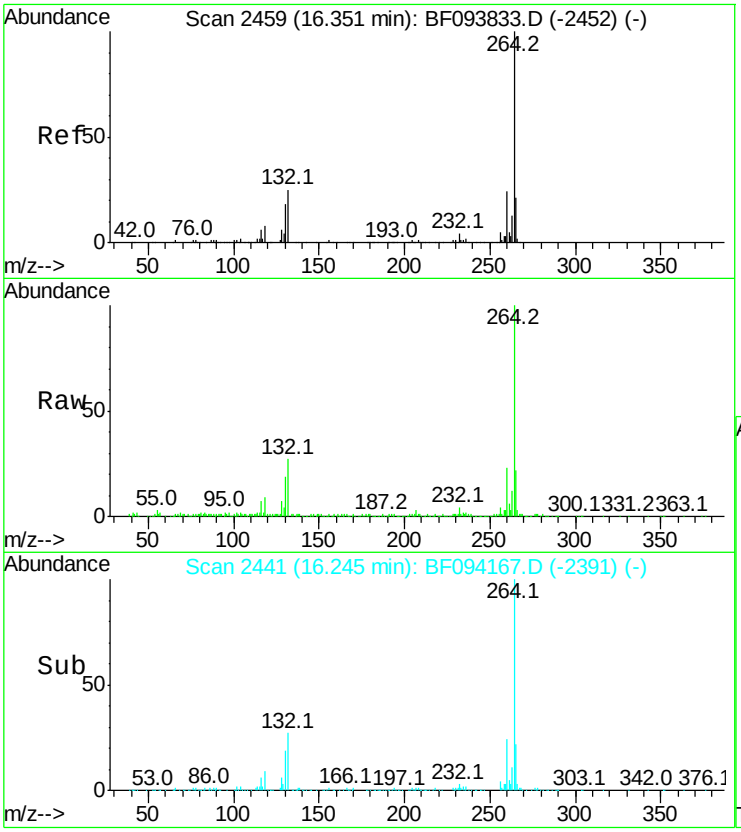


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.90 ng
RT: 17.59 min Scan# 2669
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:276 Resp: 121526

Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	23.0	20.2	30.4



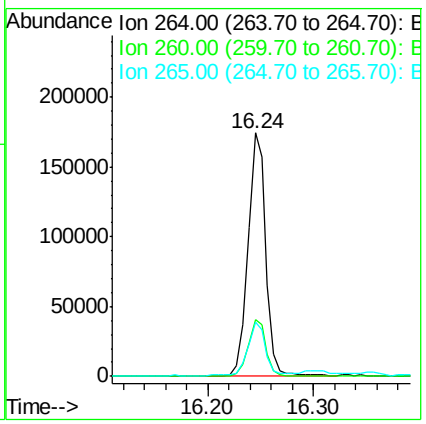


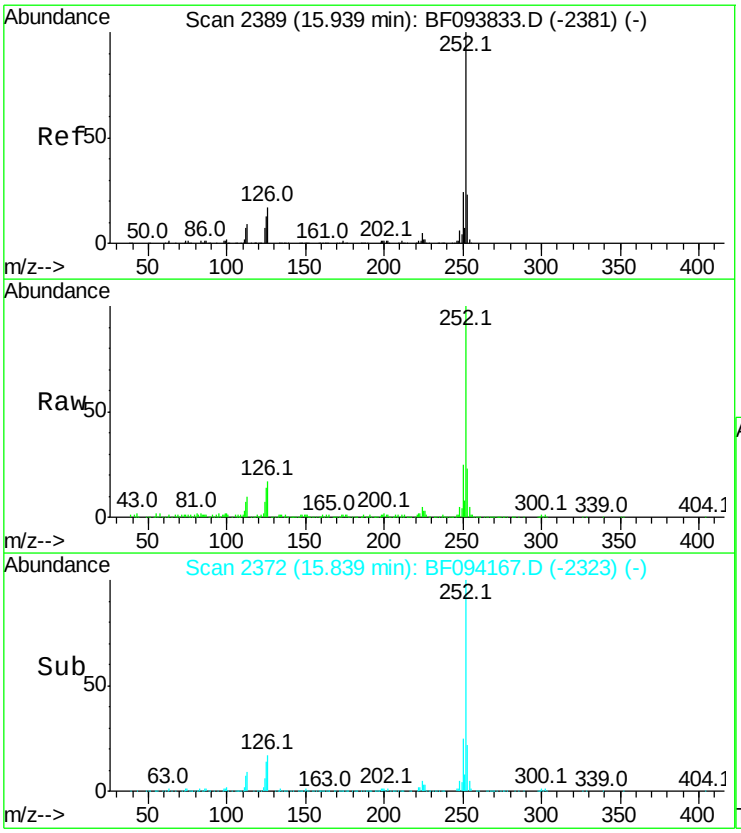
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:264 Resp: 205289

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.3	17.2	25.8

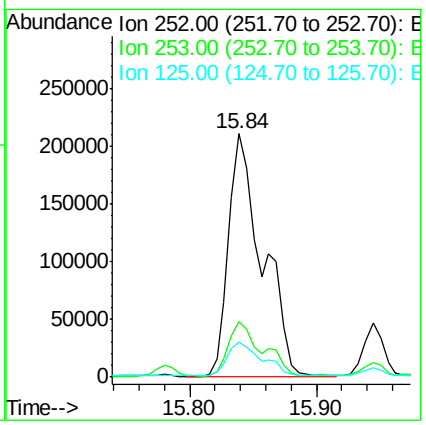


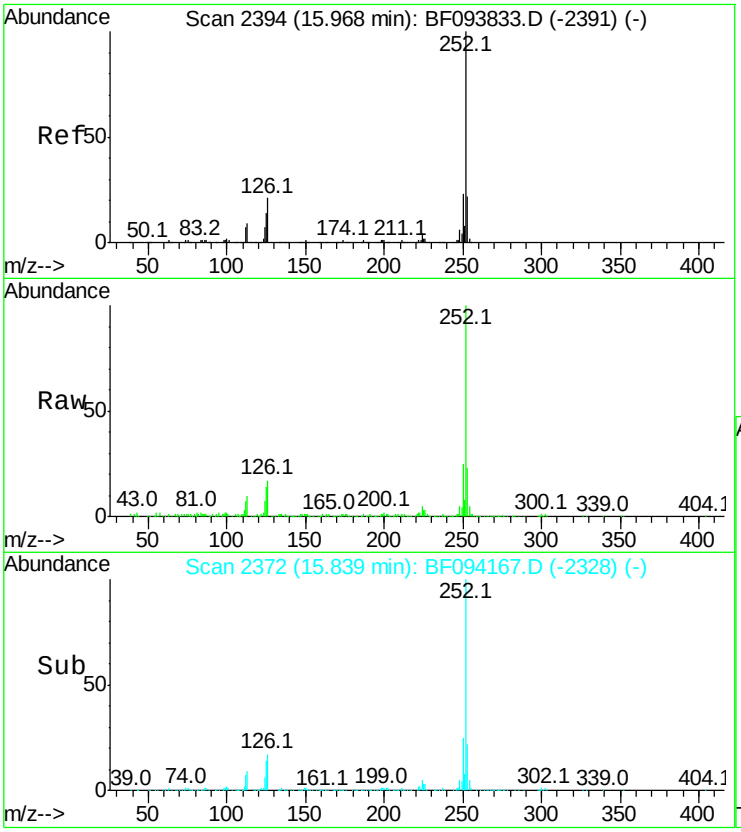


#87
Benzo(b)fluoranthene
Concen: 30.93 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:252 Resp: 389148

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.3	9.8	14.8



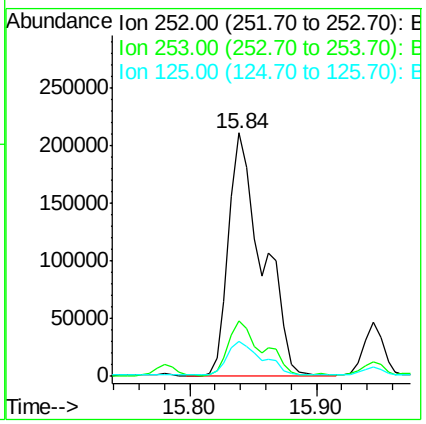


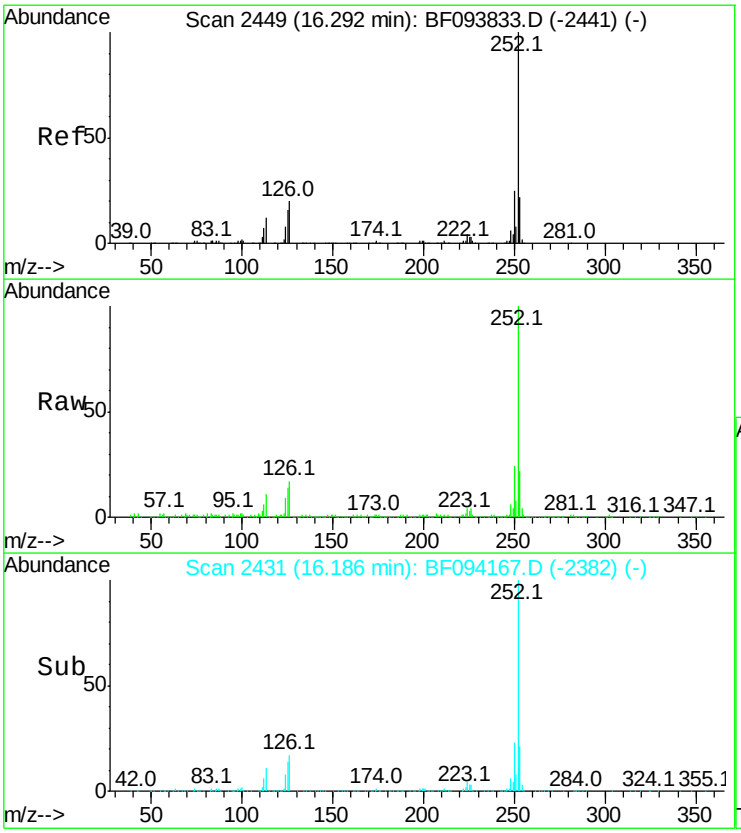
#88
Benzo(k)fluoranthene
Concen: 31.61 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:252 Resp: 389148

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.3	13.1	19.7

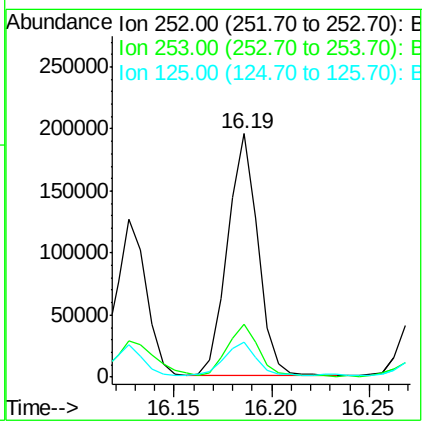


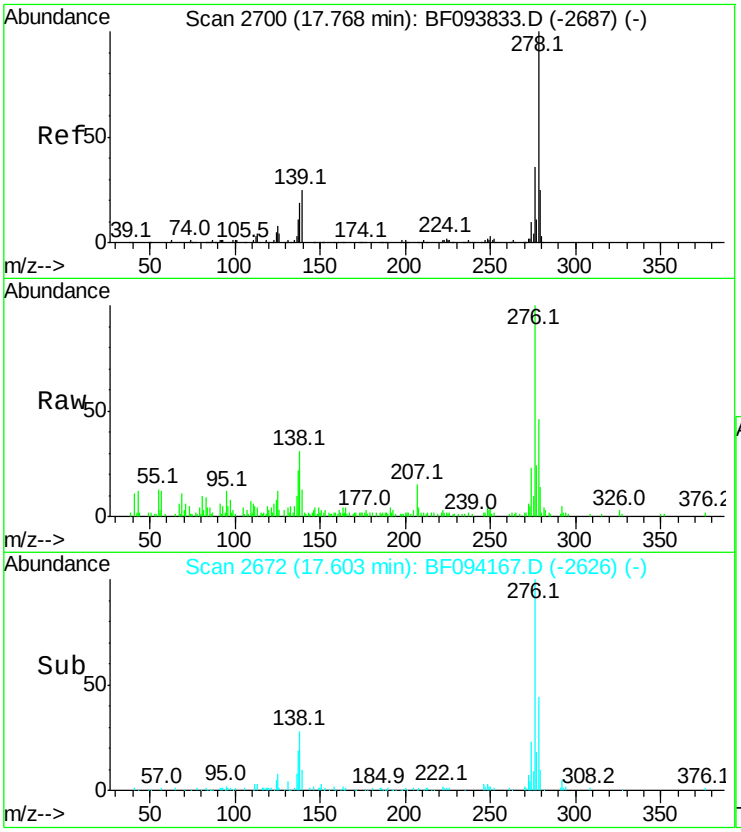


#89
Benzo(a)pyrene
Concen: 18.16 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:252 Resp: 210386

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.2	11.0	16.4



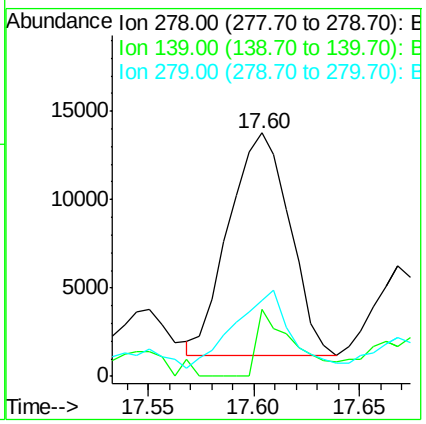


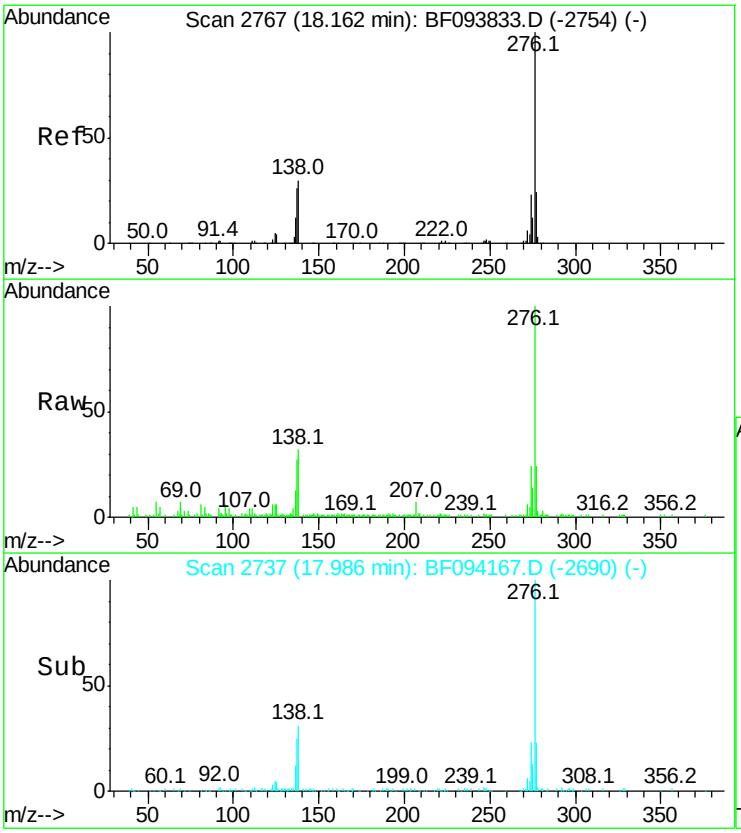
#90
Dibenzo(a,h)anthracene
Concen: 2.55 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.03 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Instrument :
BNA_F
ClientSampleId :
E2-U4-NSWDL

Tgt Ion:278 Resp: 25048

Ion	Ratio	Lower	Upper
278	100		
139	27.8	16.6	24.8#
279	31.2	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.65 ng
RT: 17.99 min Scan# 2737
Delta R.T. -0.02 min
Lab File: BF094167.D
Acq: 4 Apr 2017 14:09

Tgt Ion:276 Resp: 115241

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	31.7	25.4	38.0