Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
Data File : BF094533.D
Acq On : 19 Apr 2017 23:17
Operator : SJ/MA
Sample : I2749-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 03:08:47 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	125708	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	493590	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	199211	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	327092	20.00	ng		0.00
75) Chrysene-d12	14.47	240	261916	20.00	ng		0.00
86) Perylene-d12	16.09	264	226775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	91516	12.08	ng		0.00
7) Phenol-d6	5.38	99	114780	12.85	ng		0.00
23) Nitrobenzene-d5	6.41	82	70473	8.82	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	17625	11.31	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	152509	11.26	ng		0.00
78) Terphenyl-d14	13.19	244	99951	10.20	ng		0.00
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.40	165	24898	7.47	ng	#	34
56) 2,4-Dinitrotoluene	9.40	165	25009	6.12	ng	#	33
70) Phenanthrene	11.24	178	219425	11.91	ng		98
71) Anthracene	11.31	178	98420	5.17	ng		96
74) Fluoranthene	12.71	202	359957	18.86	ng		98
77) Pyrene	12.98	202	303601	16.59	ng		96
80) Benzo(a)anthracene	14.45	228	163373	10.73	ng		100
82) Chrysene	14.49	228	146877	10.56	ng		98
85) Indeno(1,2,3-cd)pyrene	17.37	276	73324	5.54	ng		96
87) Benzo(b)fluoranthene	15.69	252	240682	17.35	ng	#	97
88) Benzo(k)fluoranthene	15.69	252	240682	18.33	ng		99
89) Benzo(a)pyrene	16.03	252	131469	10.19	ng	#	96
91) Benzo(g,h,i)perylene	17.74	276	65409	6.00	ng		97

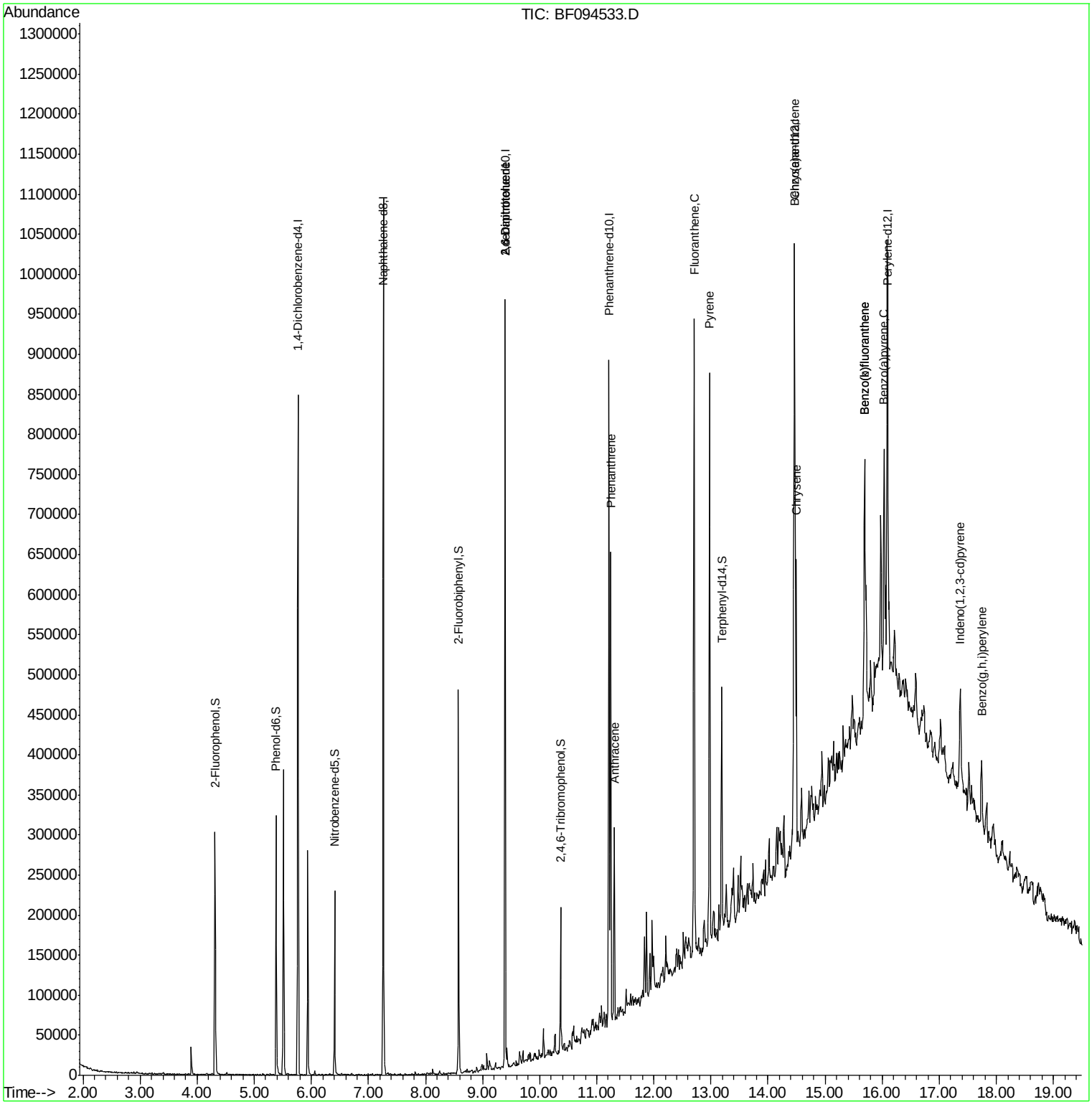
(#) = qualifier out of range (m) = manual integration (+) = signals summed

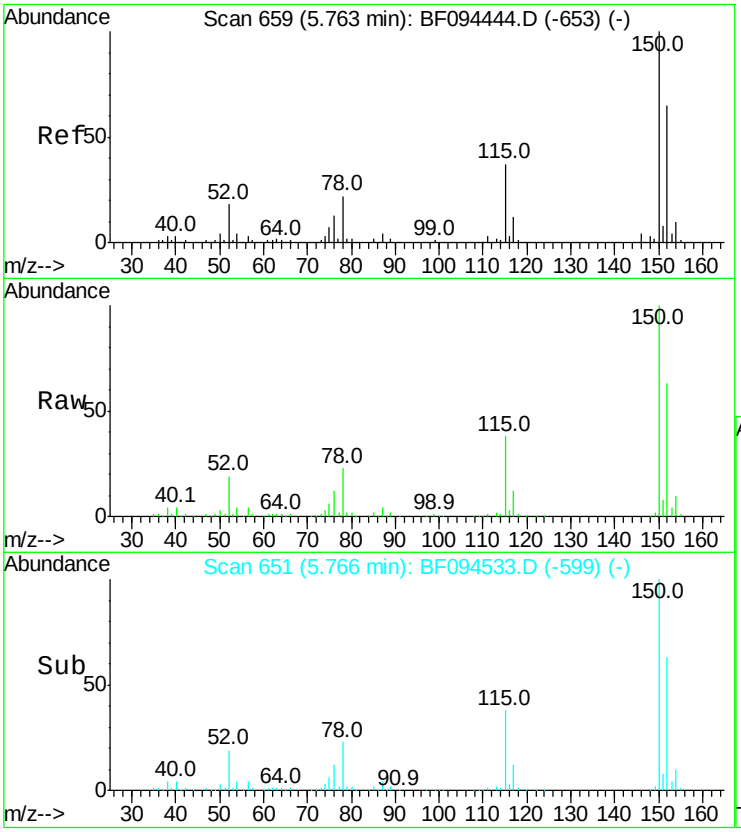
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
Data File : BF094533.D
Acq On : 19 Apr 2017 23:17
Operator : SJ/MA
Sample : I2749-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 03:08:47 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



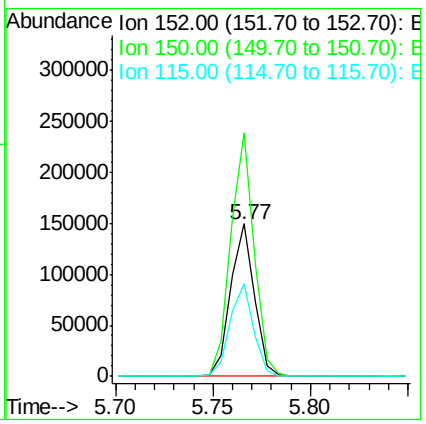


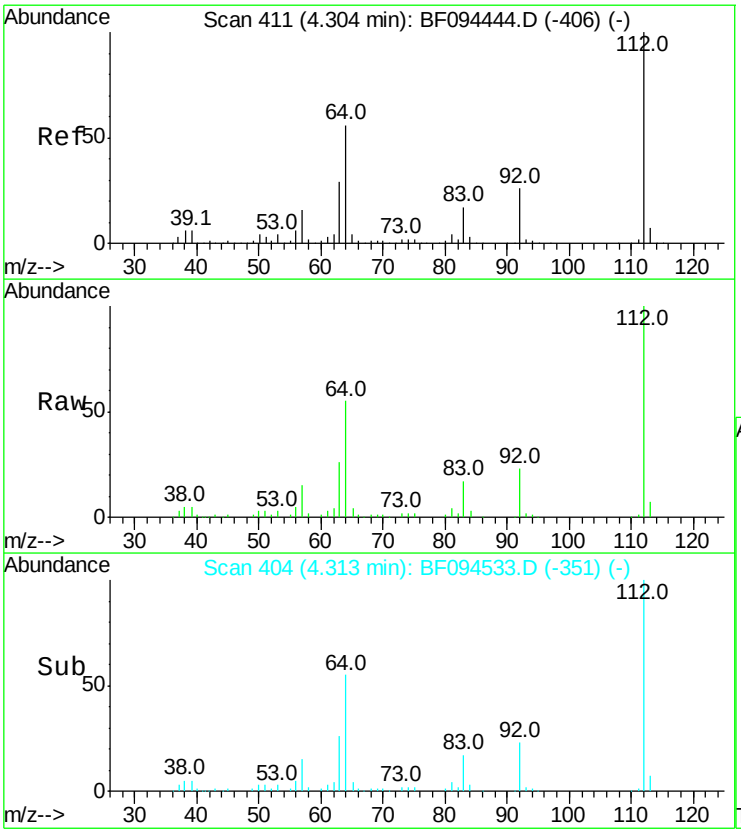
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125708

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	60.5	52.2	78.2

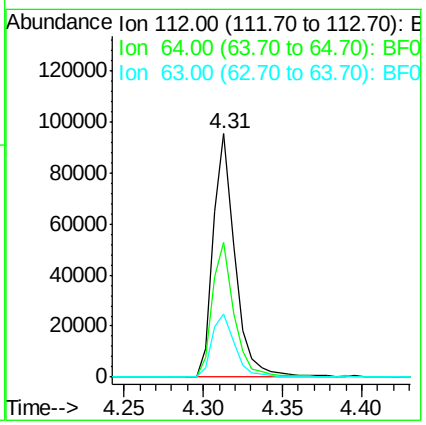


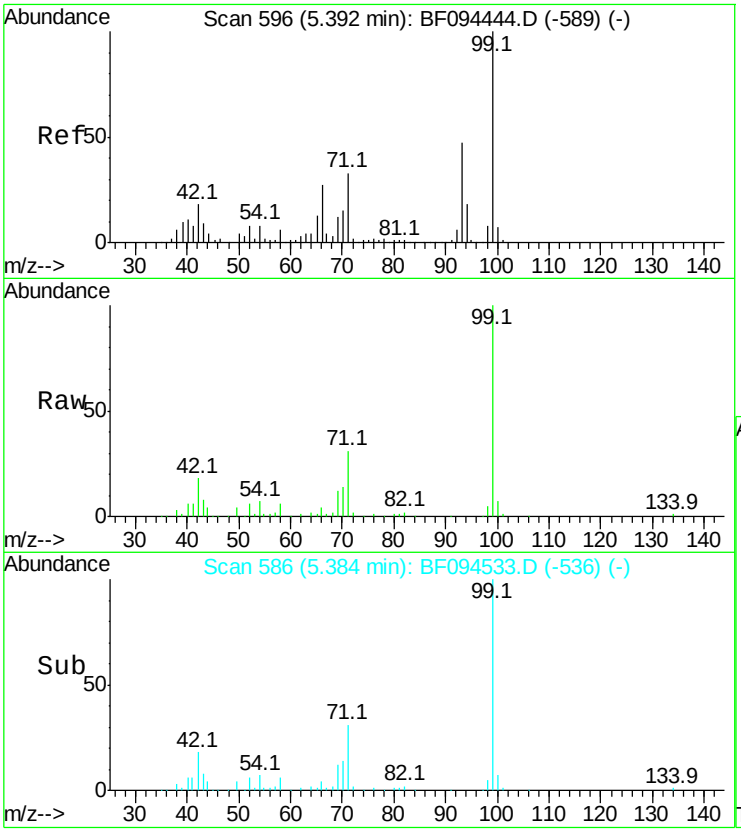


#5
2-Fluorophenol
Concen: 12.08 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:112 Resp: 91516

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	25.7	23.4	35.0



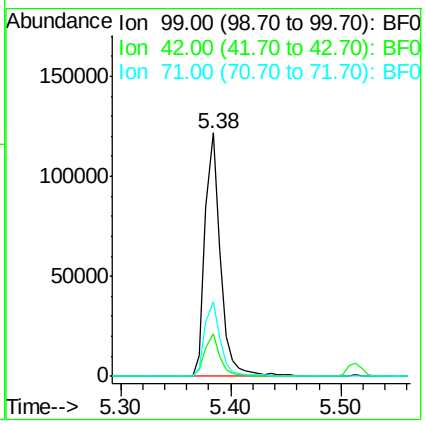


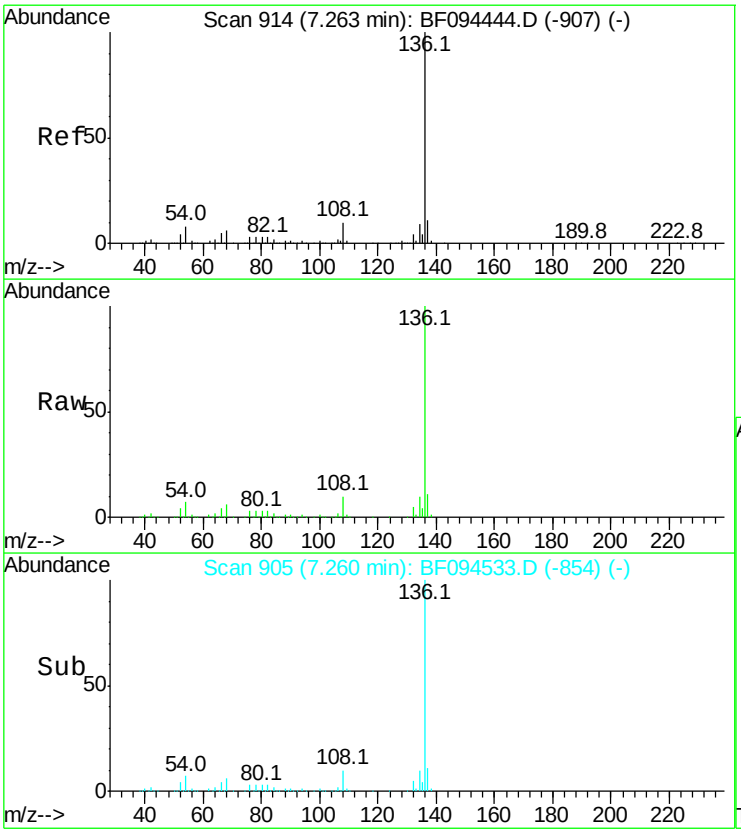
#7
Phenol-d6
Concen: 12.85 ng
RT: 5.38 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 114780

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	30.6	24.5	36.7

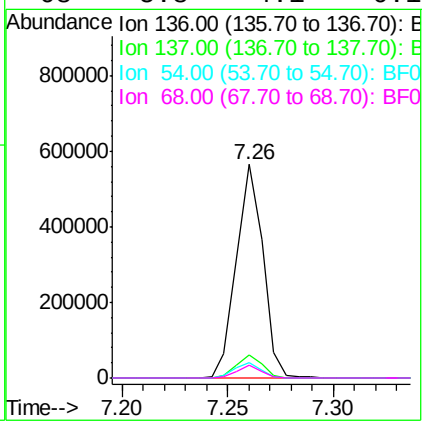


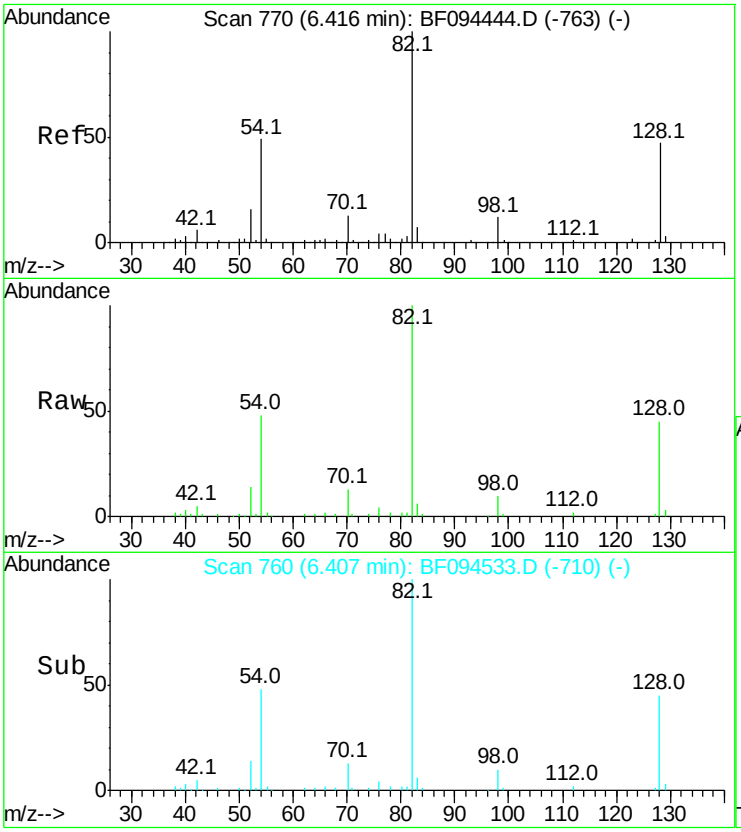


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:136 Resp: 493590

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1



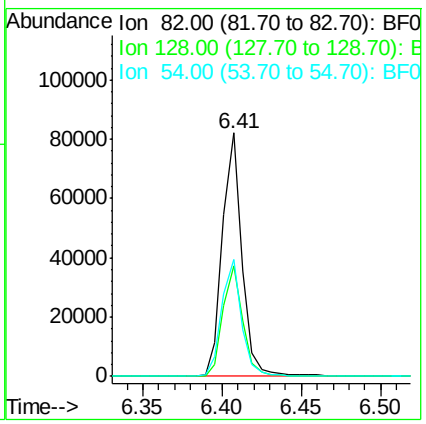


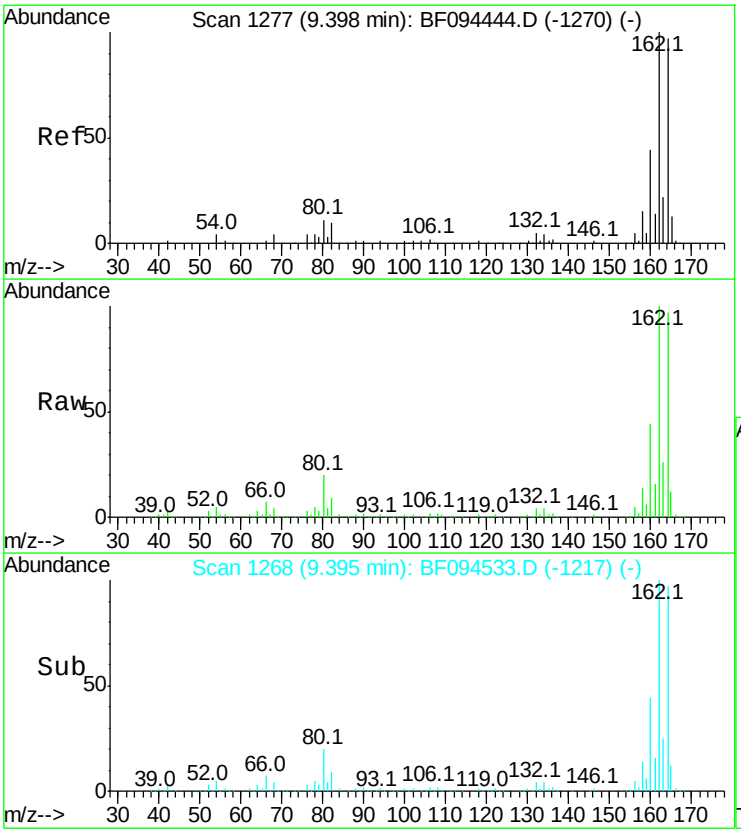
#23
Nitrobenzene-d5
Concen: 8.82 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 70473

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	48.2	42.2	63.2

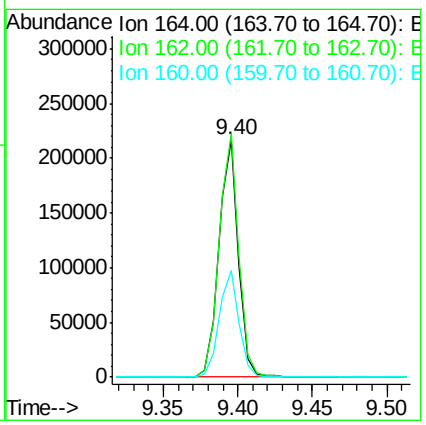


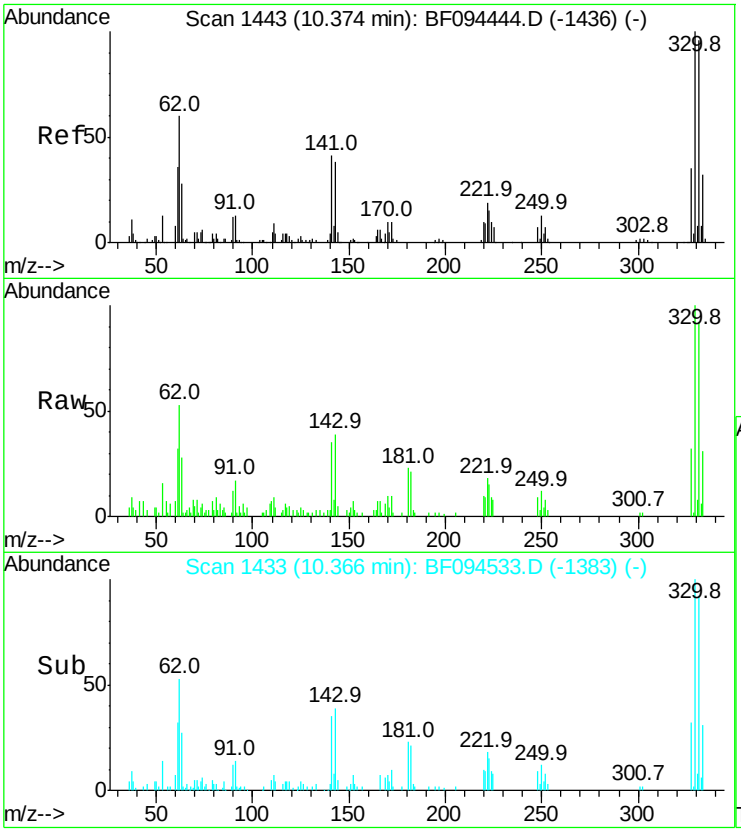


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:164 Resp: 199211

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.9	36.2	54.2



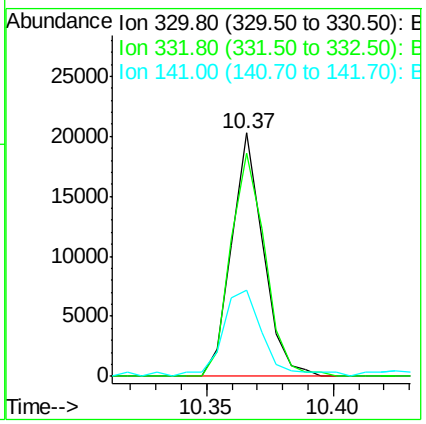


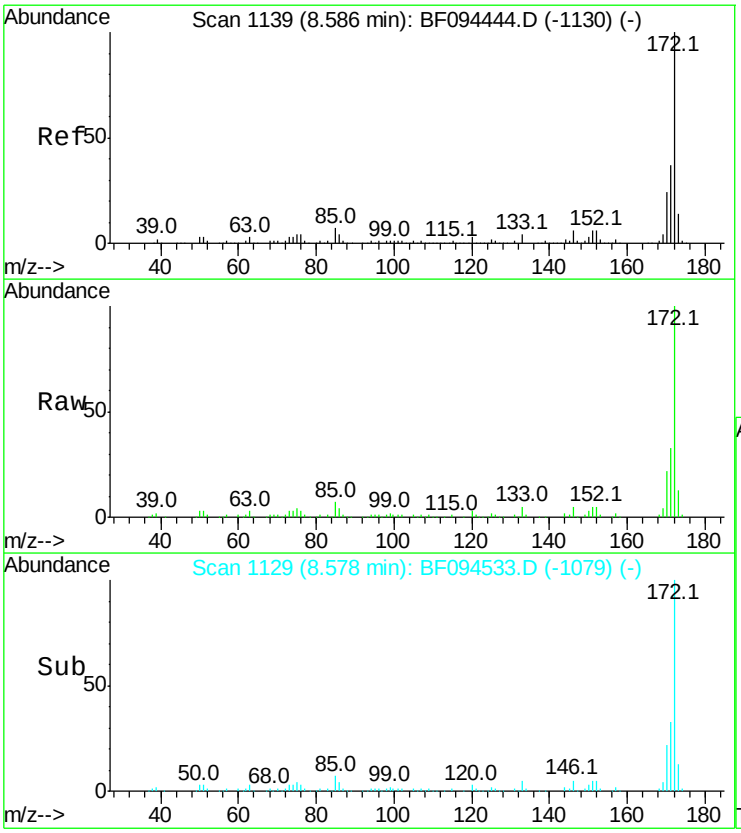
#41
2,4,6-Tribromophenol
Concen: 11.31 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17625

Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.6	115.0
141	45.9	31.4	47.2

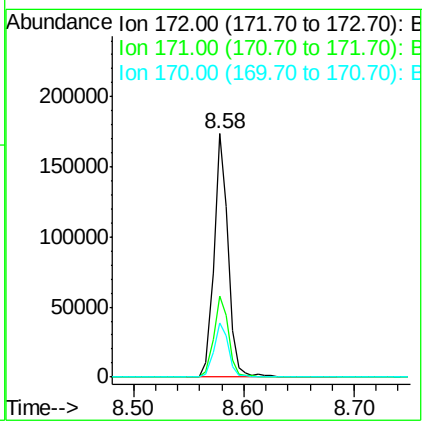


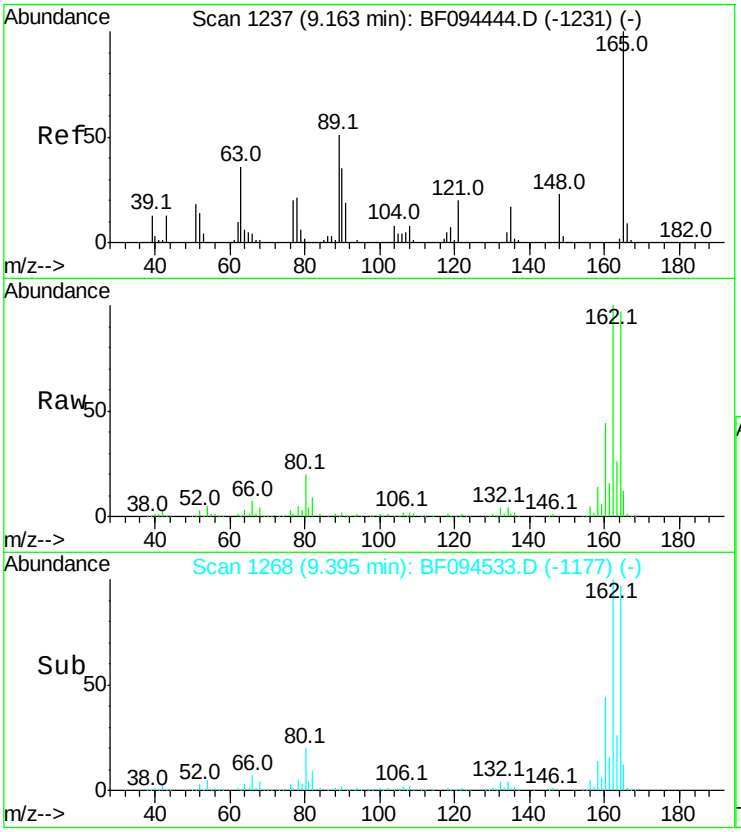


#44
2-Fluorobiphenyl
Concen: 11.26 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:172 Resp: 152509

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.6	44.4
170	22.2	19.8	29.8



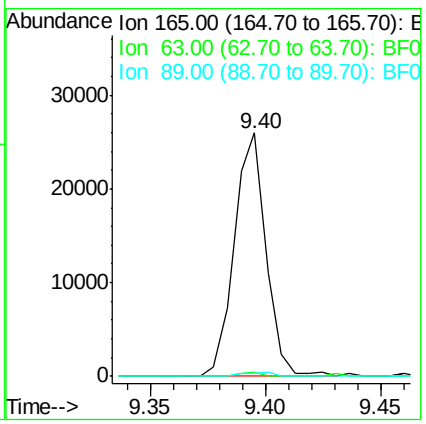


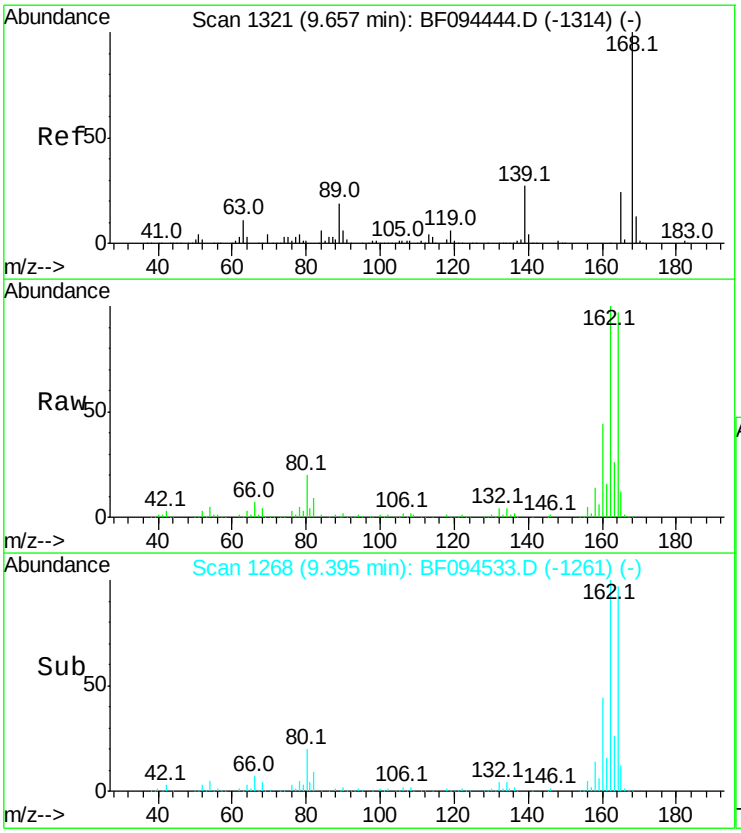
#50
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 9.40 min Scan# 1268
Delta R.T. 0.23 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24898

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.3	37.1	55.7#

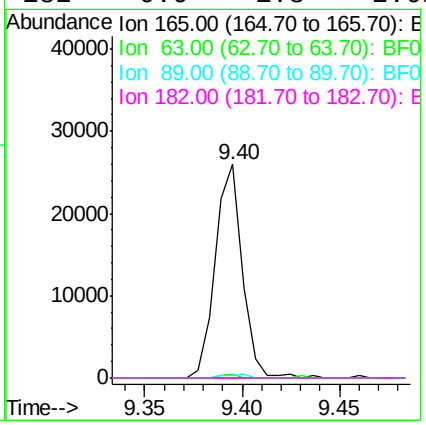


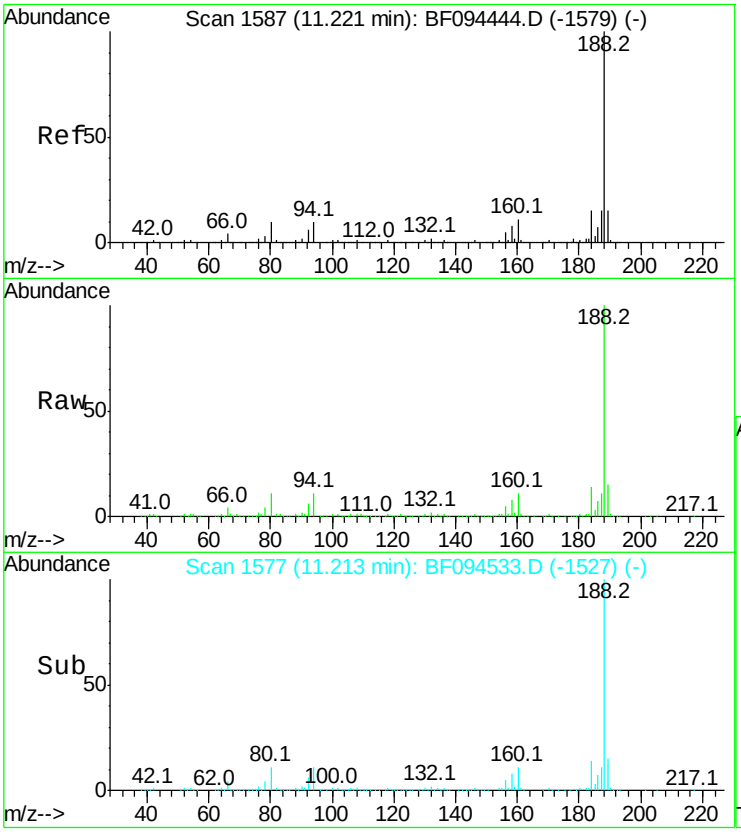


#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:165 Resp: 25009

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



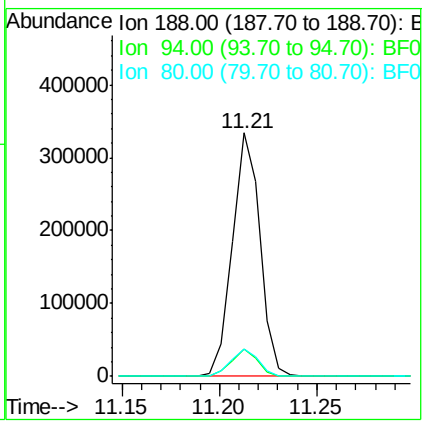


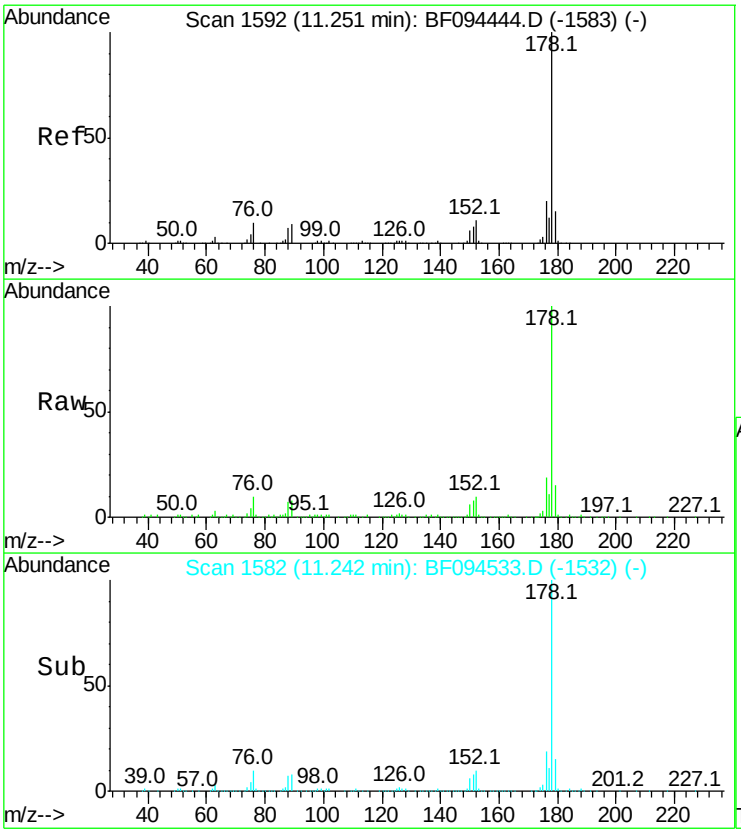
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 327092

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.1	10.2	15.2

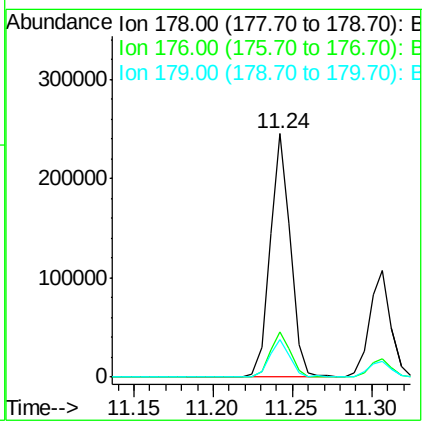


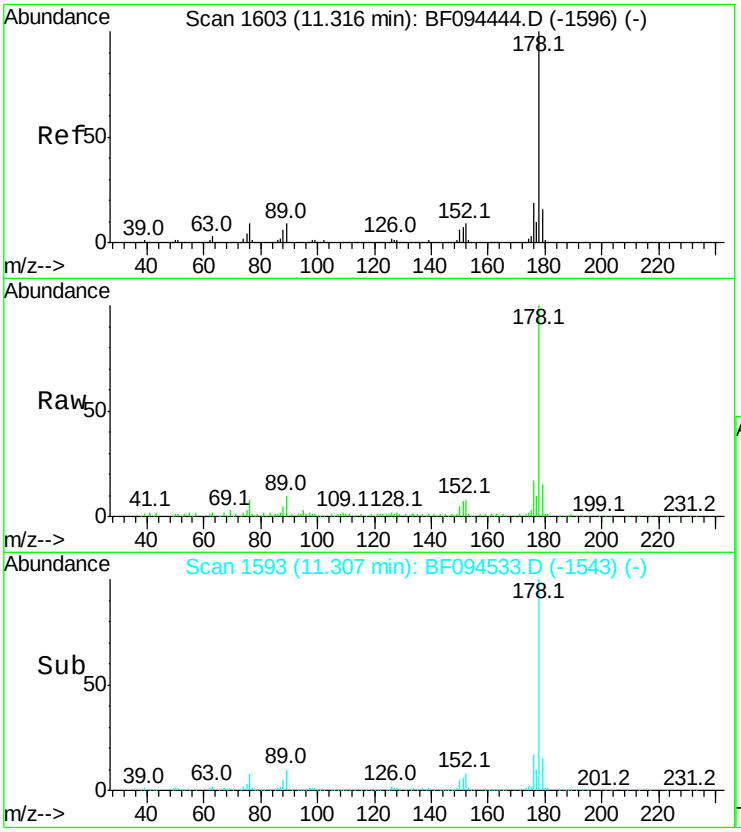


#70
Phenanthrene
Concen: 11.91 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:178 Resp: 219425

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.5	12.6	19.0



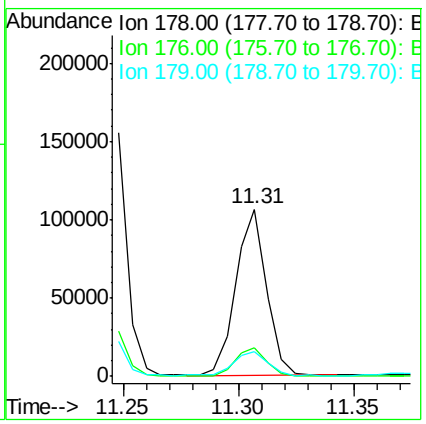


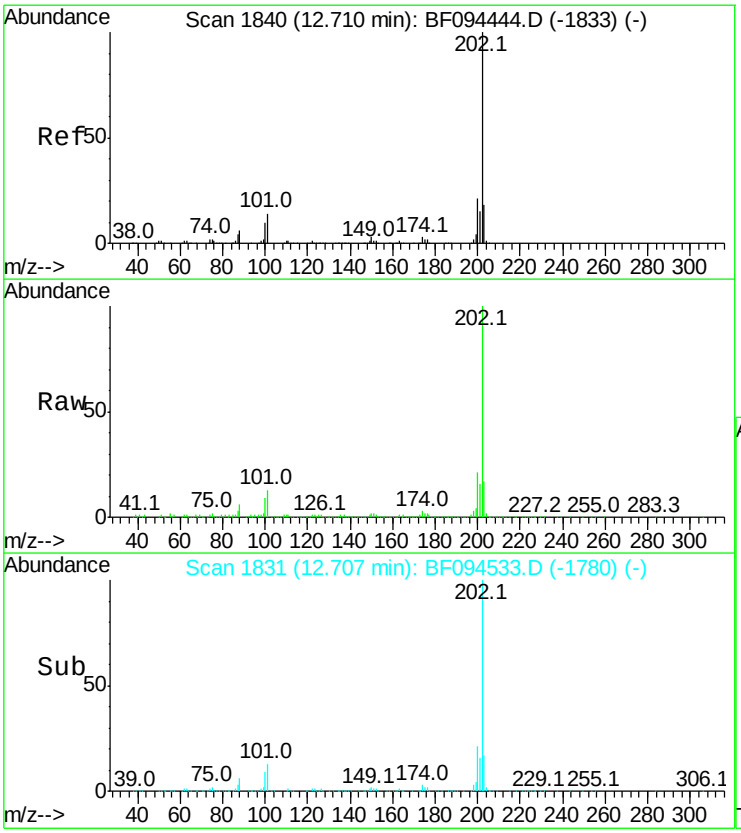
#71
Anthracene
Concen: 5.17 ng
RT: 11.31 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 98420

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	14.6	12.7	19.1

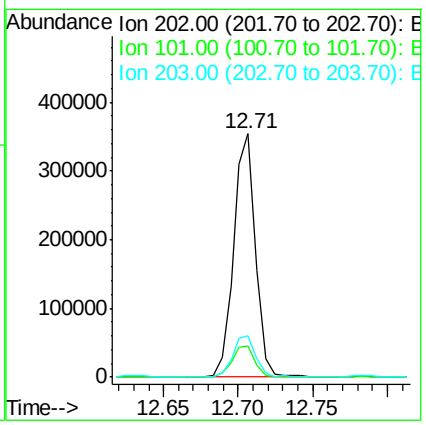


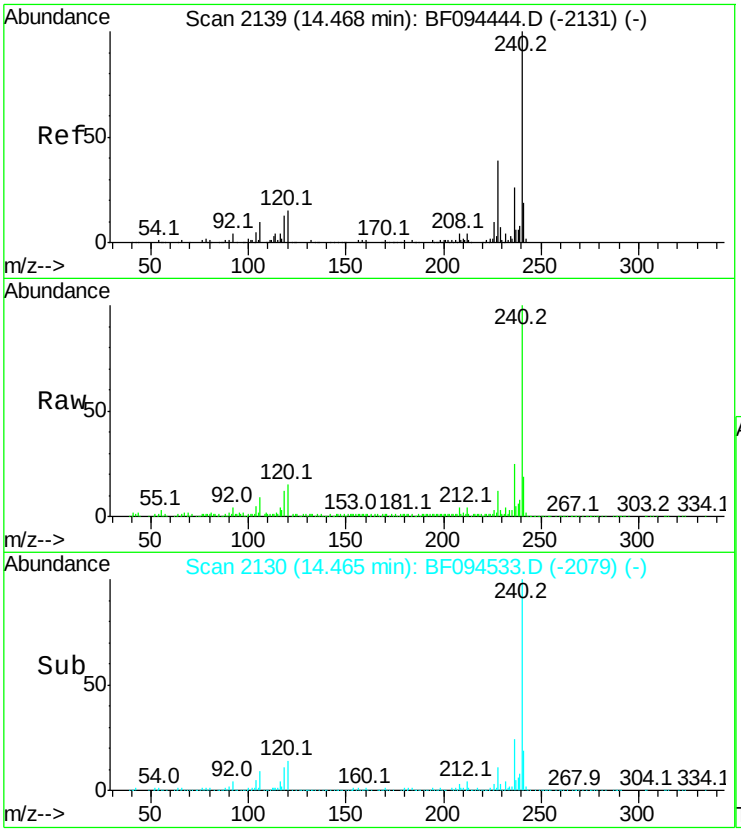


#74
Fluoranthene
Concen: 18.86 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:202 Resp: 359957

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	16.9	0.0	38.1



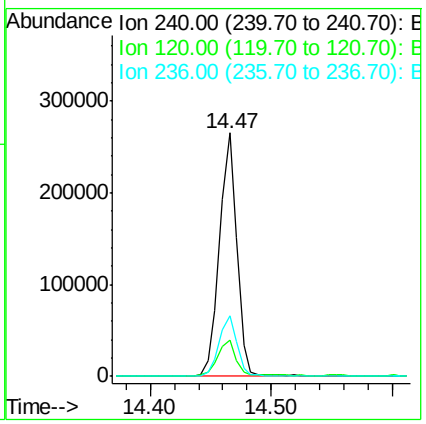


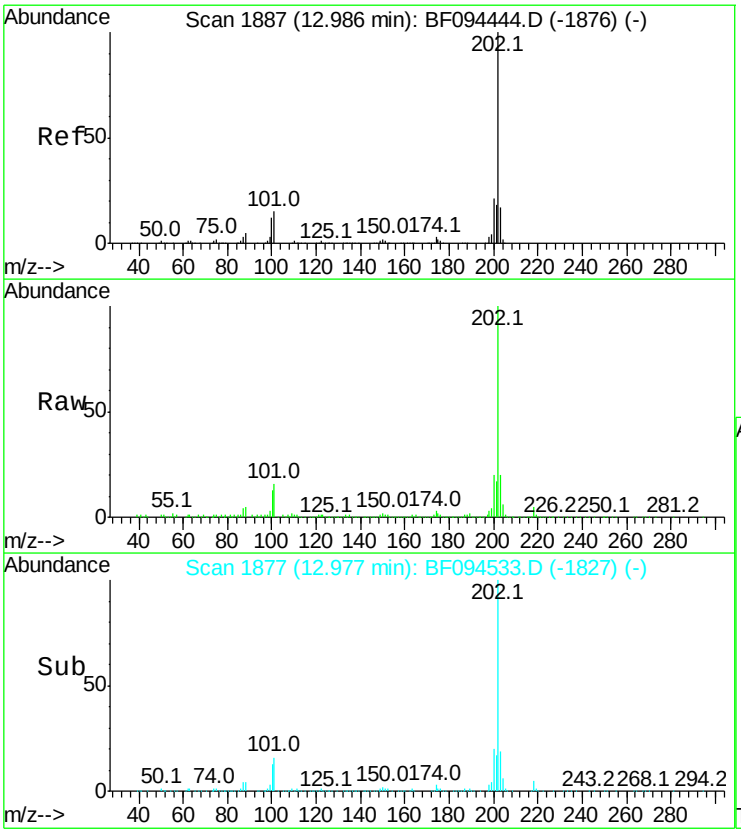
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 261916

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.7	20.5	30.7

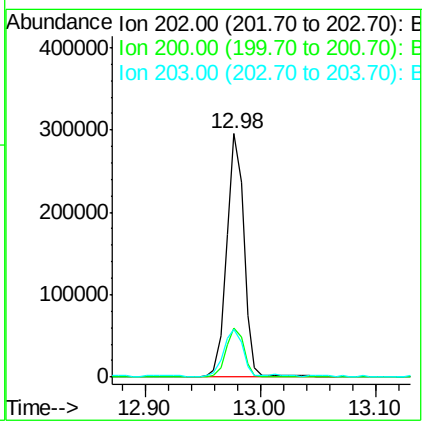


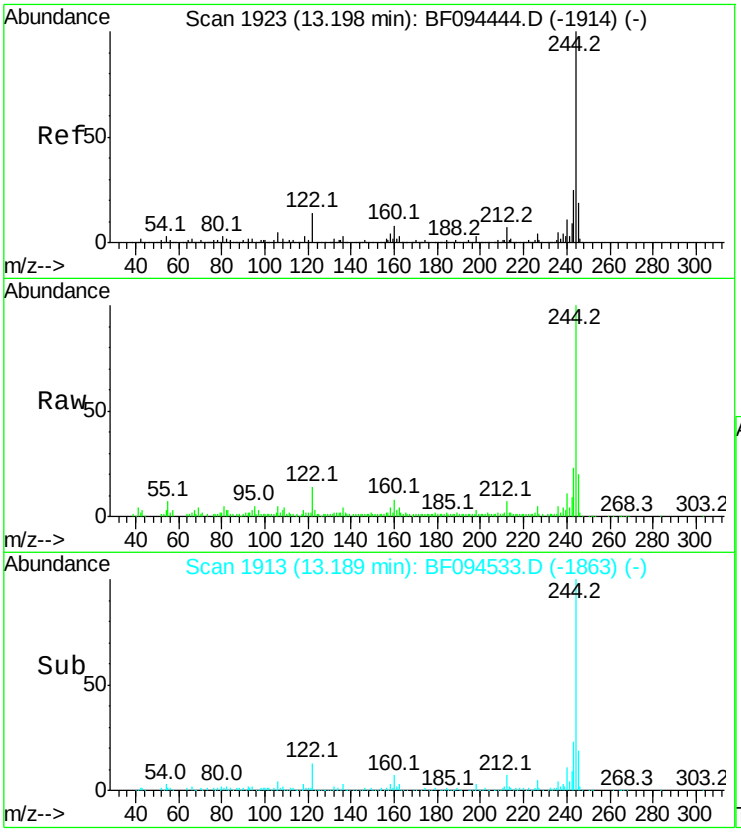


#77
Pyrene
Concen: 16.59 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:202 Resp: 303601

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	19.7	14.4	21.6



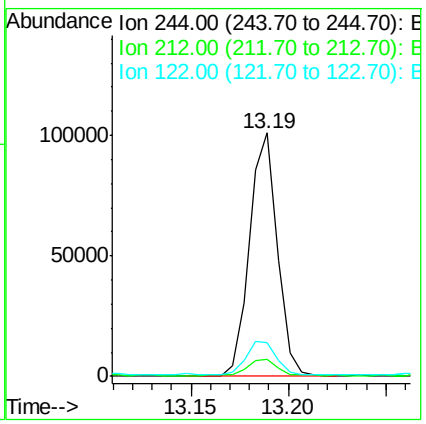


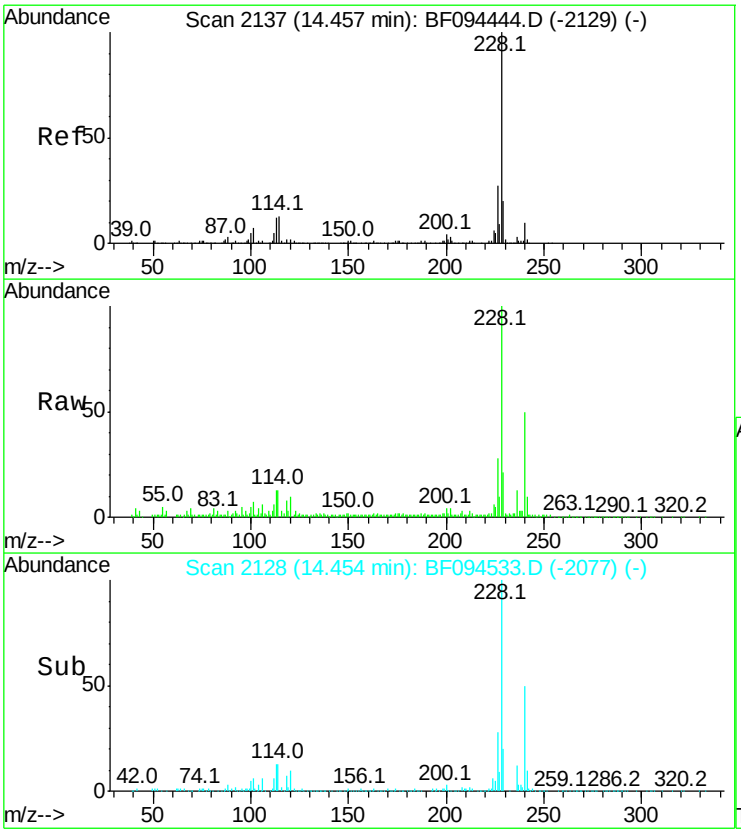
#78
Terphenyl-d14
Concen: 10.20 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 99951

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5

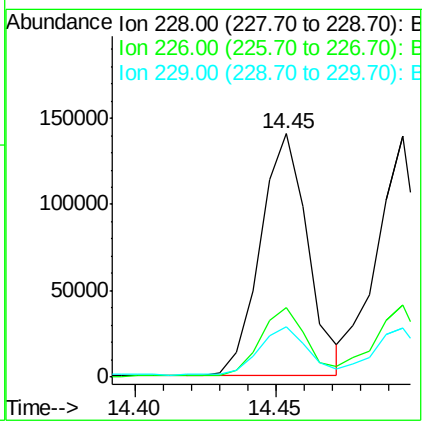


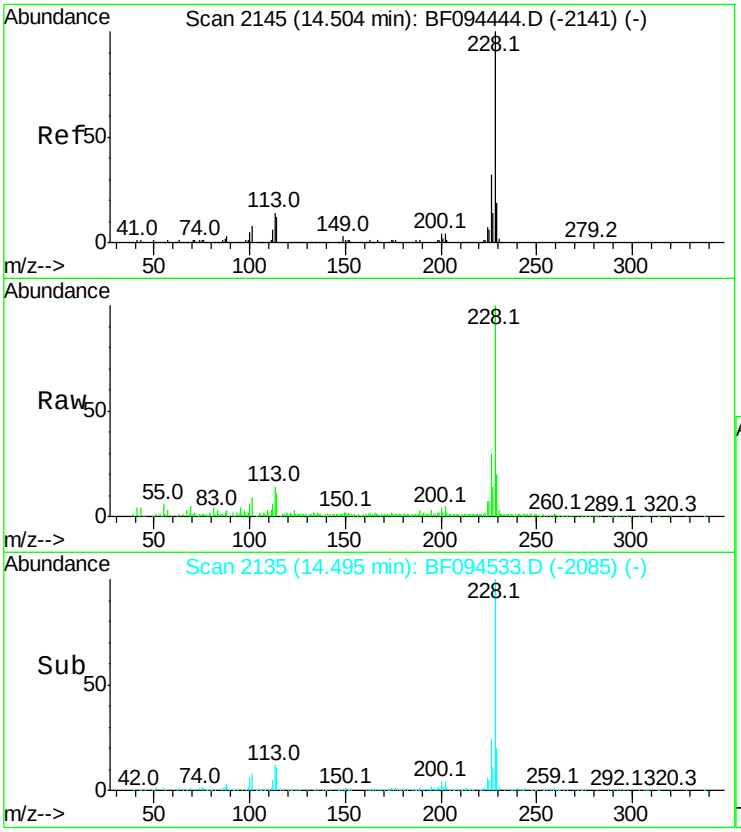


#80
Benzo(a)anthracene
Concen: 10.73 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:228 Resp: 163373

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.6	16.3	24.5



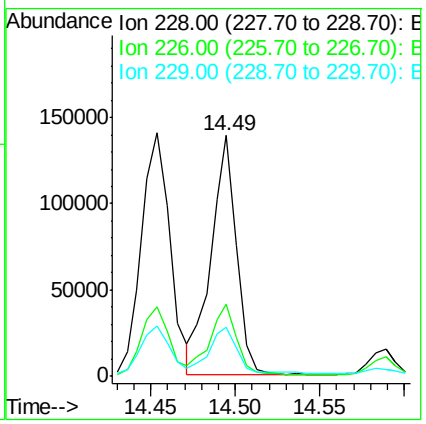


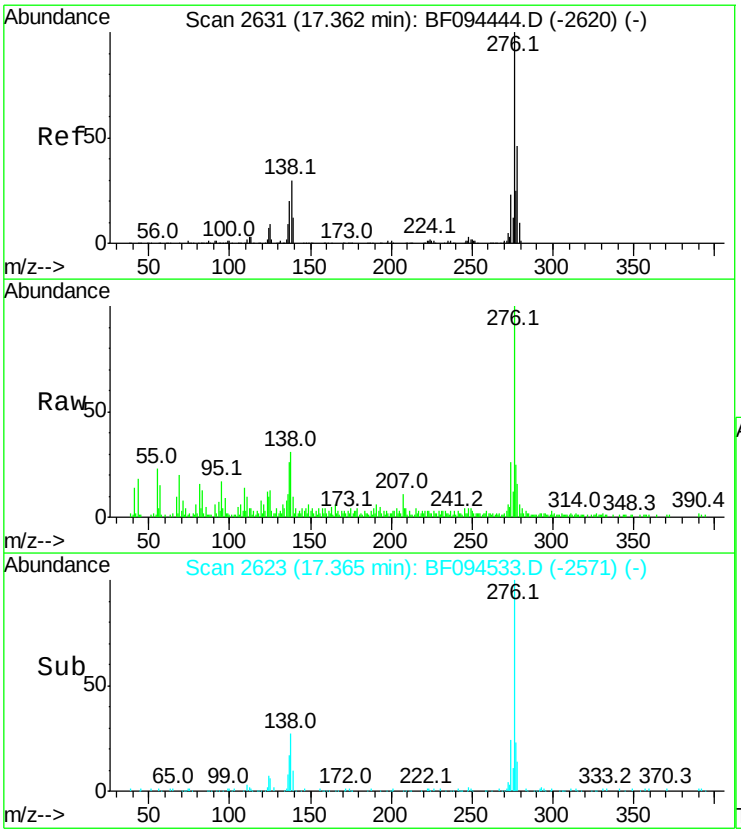
#82
Chrysene
Concen: 10.56 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 146877

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.4	15.8	23.6

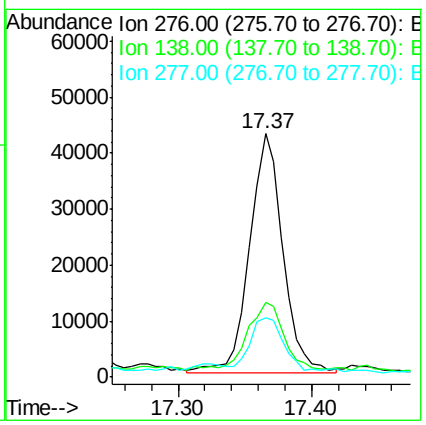


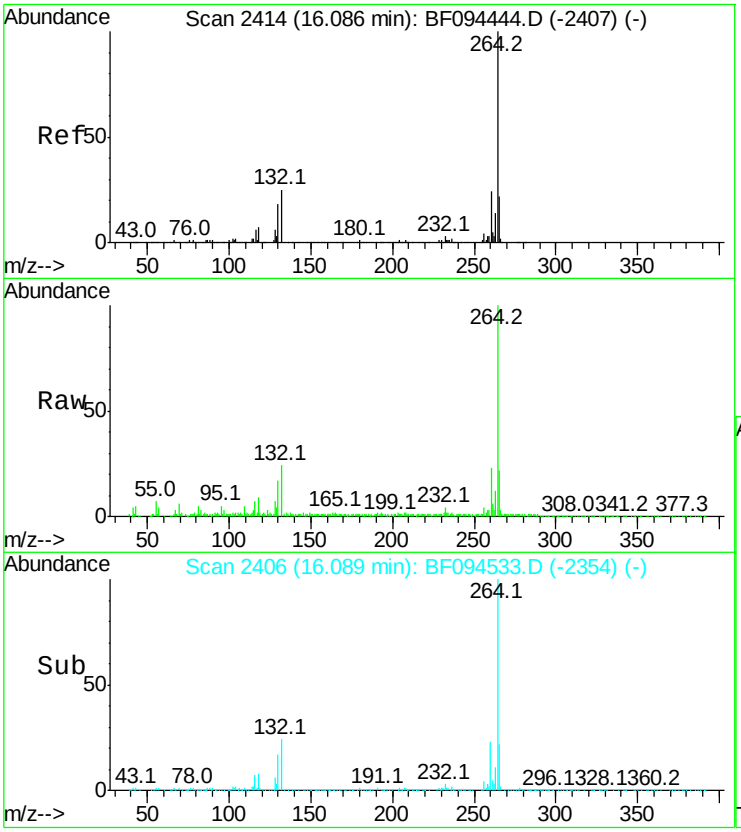


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.54 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:276 Resp: 73324

Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	21.4	20.2	30.4



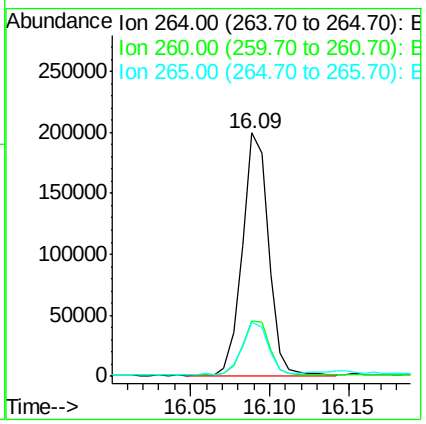


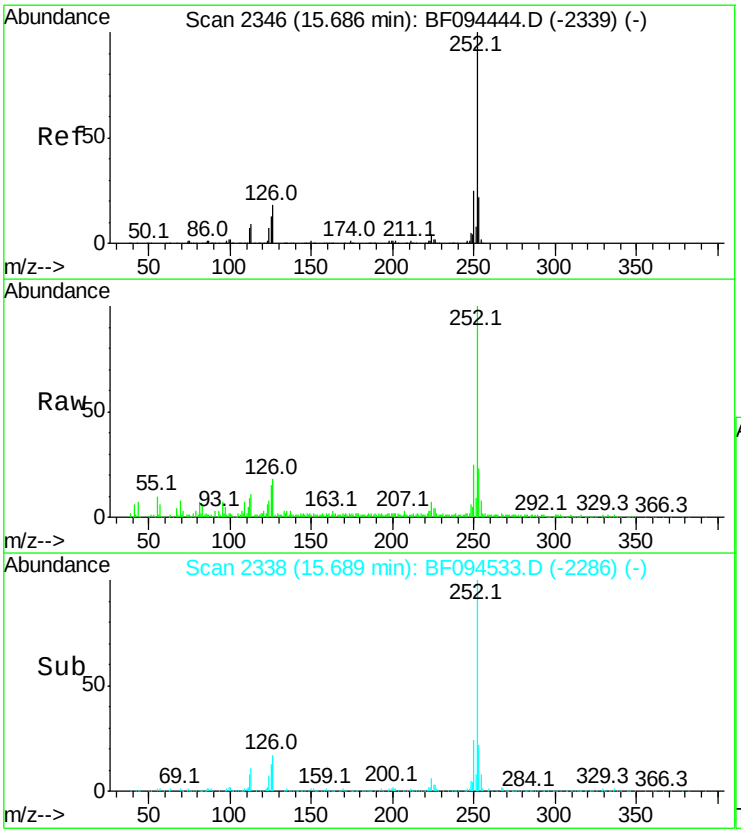
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 226775

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.5	17.2	25.8

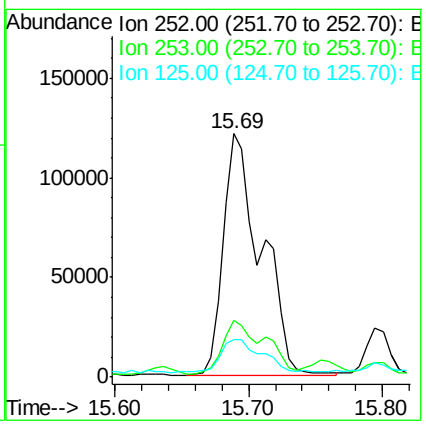


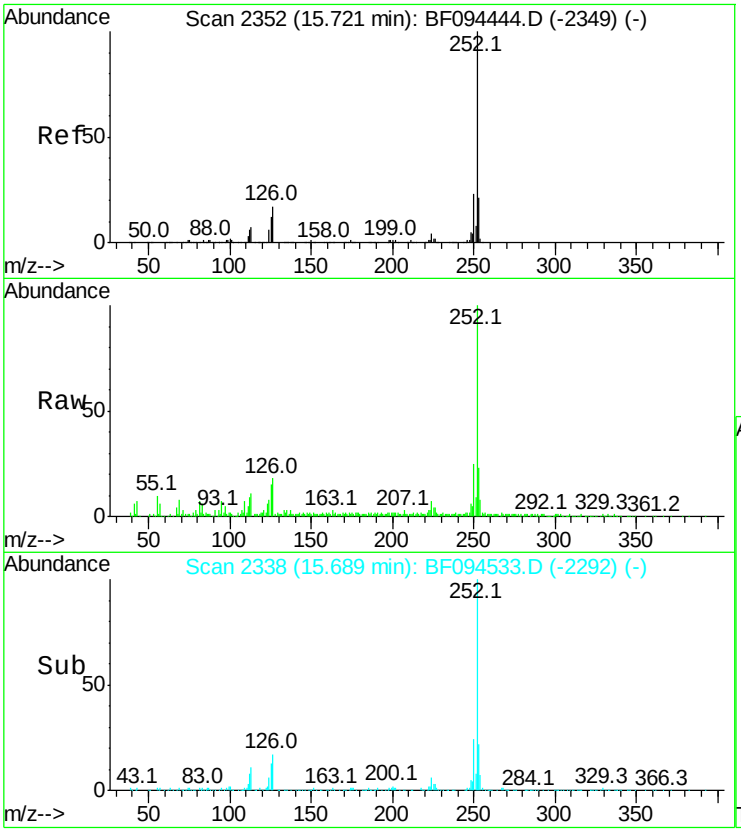


#87
Benzo(b)fluoranthene
Concen: 17.35 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:252 Resp: 240682

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.2	9.8	14.8#



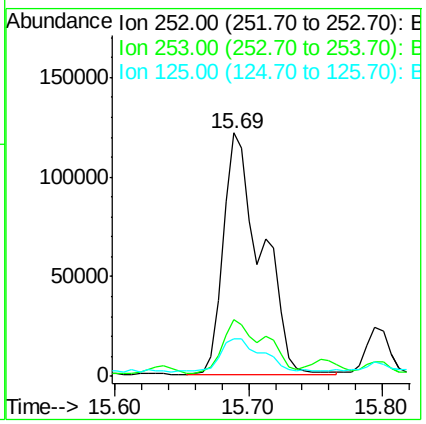


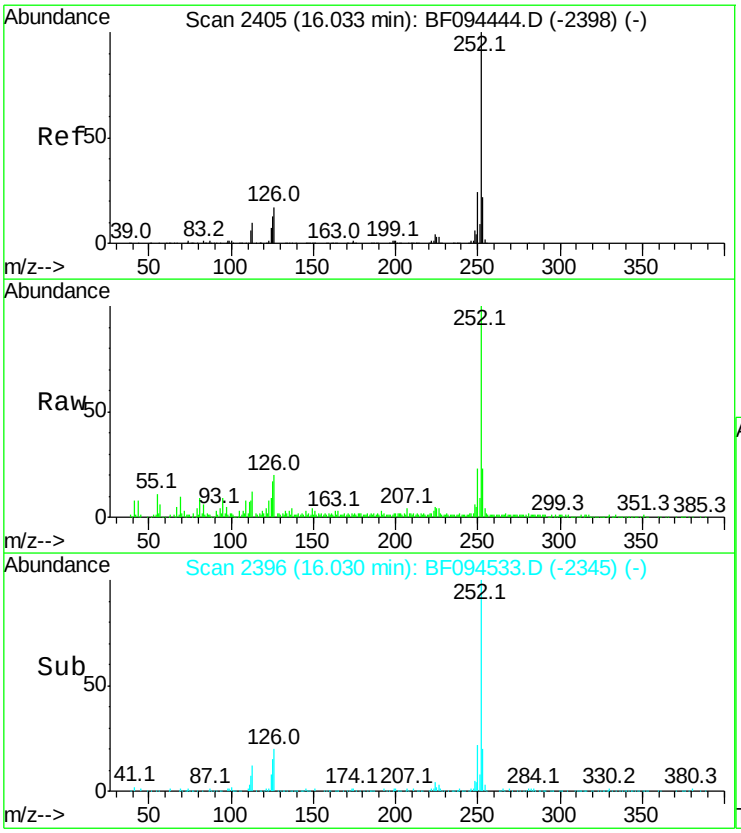
#88
Benzo(k)fluoranthene
Concen: 18.33 ng
RT: 15.69 min Scan# 2338
Delta R.T. -0.03 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 240682

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	15.2	13.1	19.7

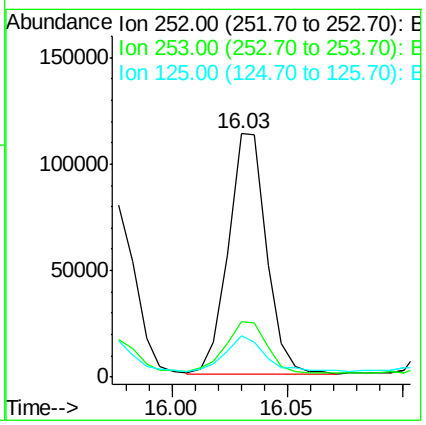


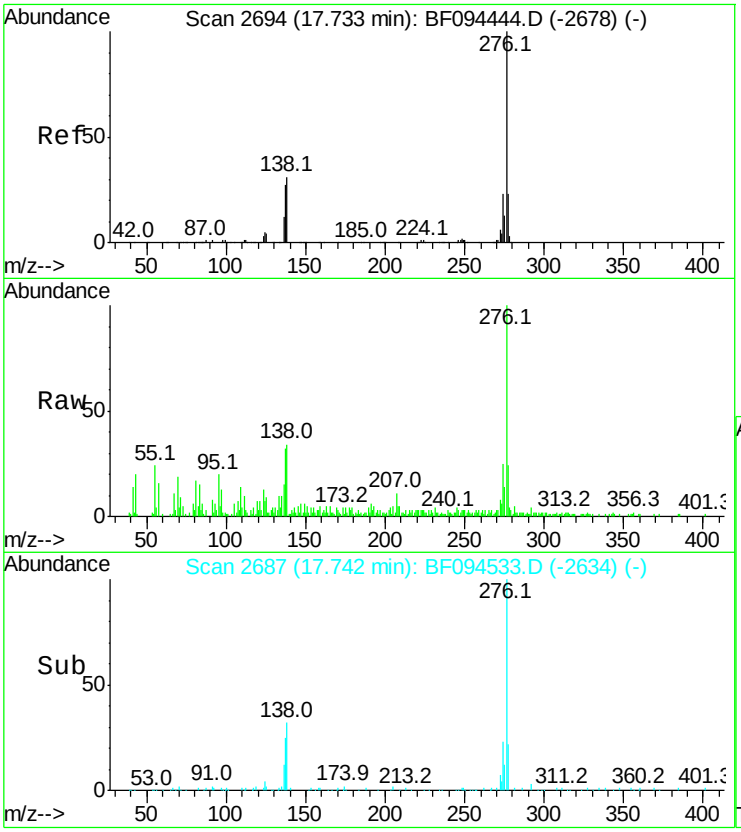


#89
Benzo(a)pyrene
Concen: 10.19 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Tgt Ion:252 Resp: 131469

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	16.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.00 ng
RT: 17.74 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF094533.D
Acq: 19 Apr 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 65409

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	33.9	25.4	38.0