Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:37:54 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	5.76	152	118670	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	450429	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	183547	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	303610	20.00	ng		0.00
75) Chrysene-d12	14.46	240	216814	20.00	ng		0.00
86) Perylene-d12	16.09	264	194498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	685748	95.87	ng		0.02
7) Phenol-d6	5.40	99	830322	98.47	ng		0.00
23) Nitrobenzene-d5	6.41	82	501120	68.70	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	147482	102.73	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	846329	67.84	ng		0.00
78) Terphenyl-d14	13.19	244	561617	69.24	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	5.52	77	14635	2.28	ng		84
19) n-Nitroso-di-n-propylamine	6.41	70	66312	11.87	ng	#	76
49) Dimethylphthalate	9.08	163	312354	22.84	ng		99
56) 2,4-Dinitrotoluene	9.39	165	23724	6.30	ng	#	32
70) Phenanthrene	11.24	178	71720	4.19	ng		96
74) Fluoranthene	12.70	202	151010	8.52	ng		97
77) Pyrene	12.98	202	133384	8.81	ng		98
80) Benzo(a)anthracene	14.45	228	61295	4.86	ng		99
82) Chrysene	14.49	228	52658	4.57	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	32311	2.95	ng		94
87) Benzo(b)fluoranthene	15.69	252	97462	8.19	ng	#	93
88) Benzo(k)fluoranthene	15.69	252	97462	8.66	ng		97
89) Benzo(a)pyrene	16.04	252	54432	4.92	ng		92
91) Benzo(g,h,i)perylene	17.76	276	32040	3.42	ng		96

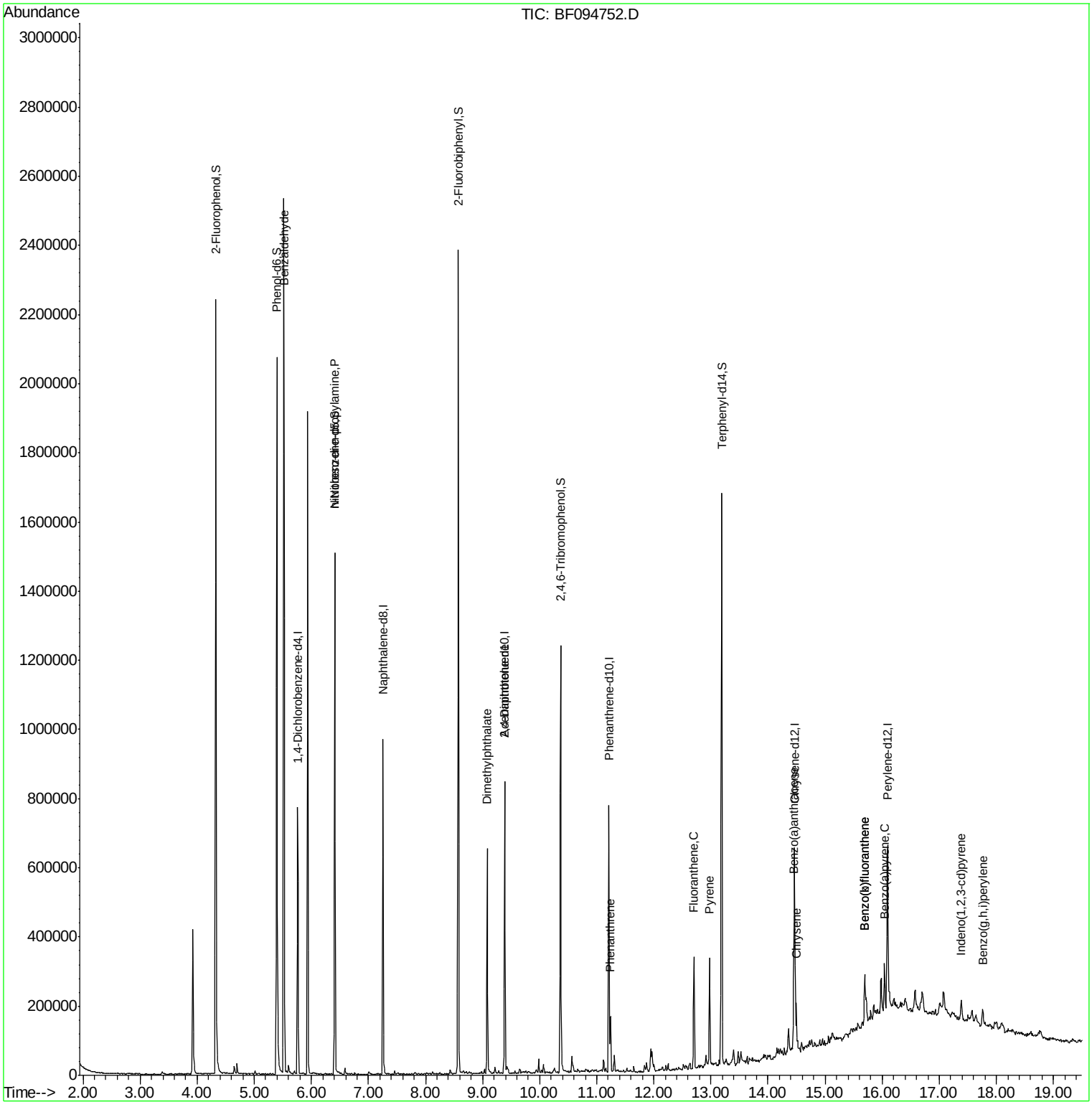
(#) = qualifier out of range (m) = manual integration (+) = signals summed

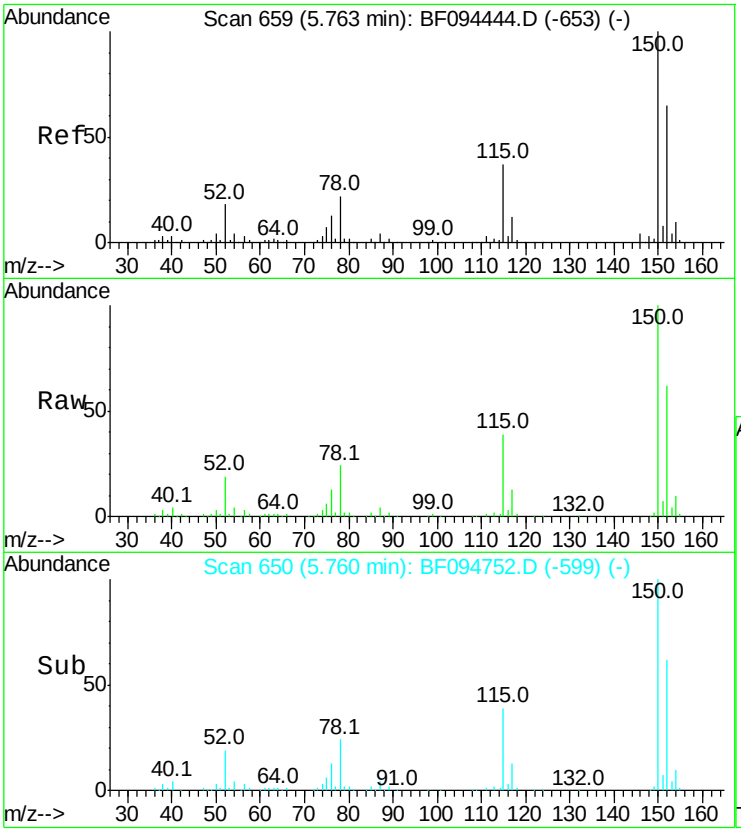
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094752.D
Acq On : 1 May 2017 15:39
Operator : SJ/MA
Sample : I2929-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 01:37:54 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



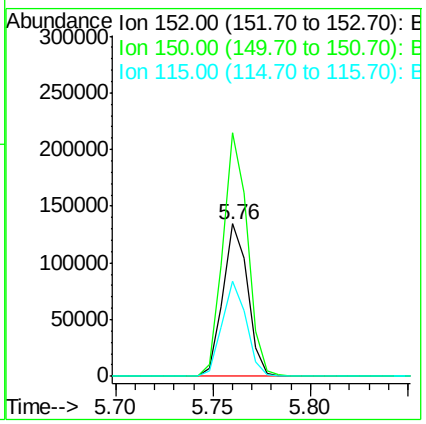


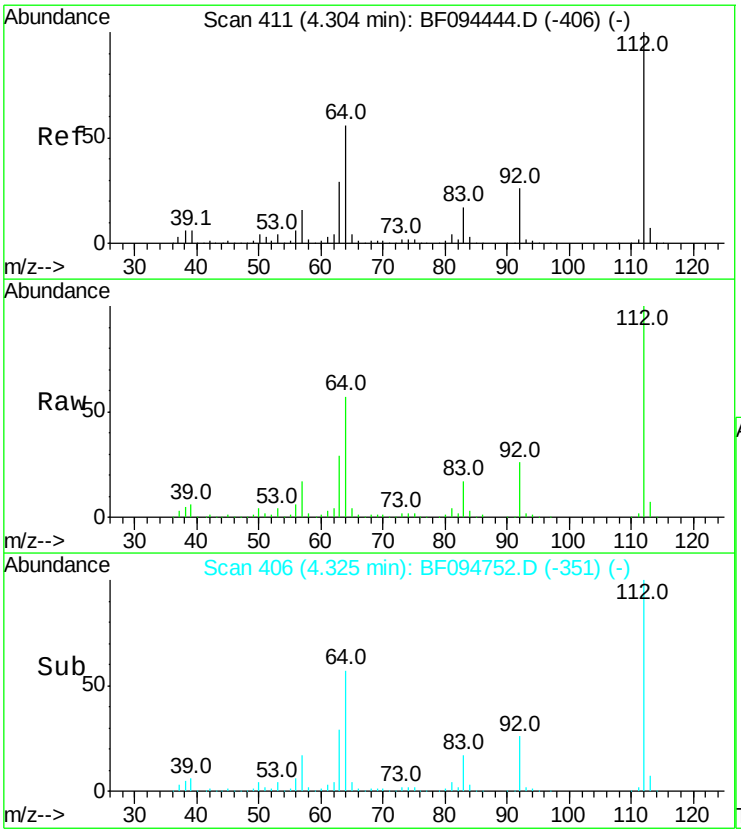
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118670

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	62.8	52.2	78.2

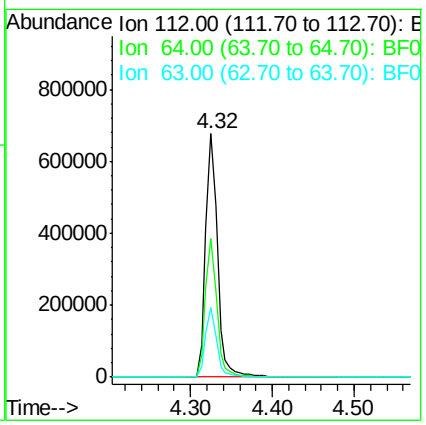


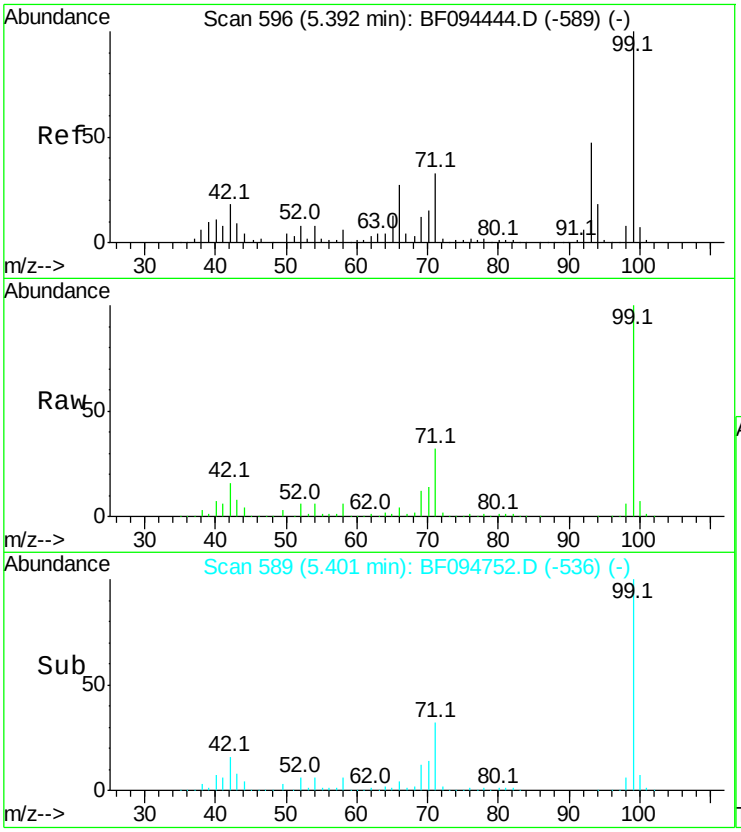


#5
2-Fluorophenol
Concen: 95.87 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:112 Resp: 685748

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.0	69.0
63	28.8	23.4	35.0



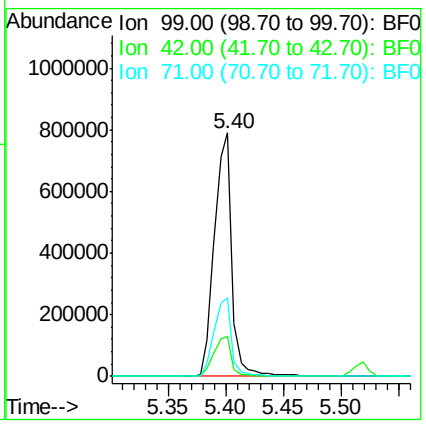


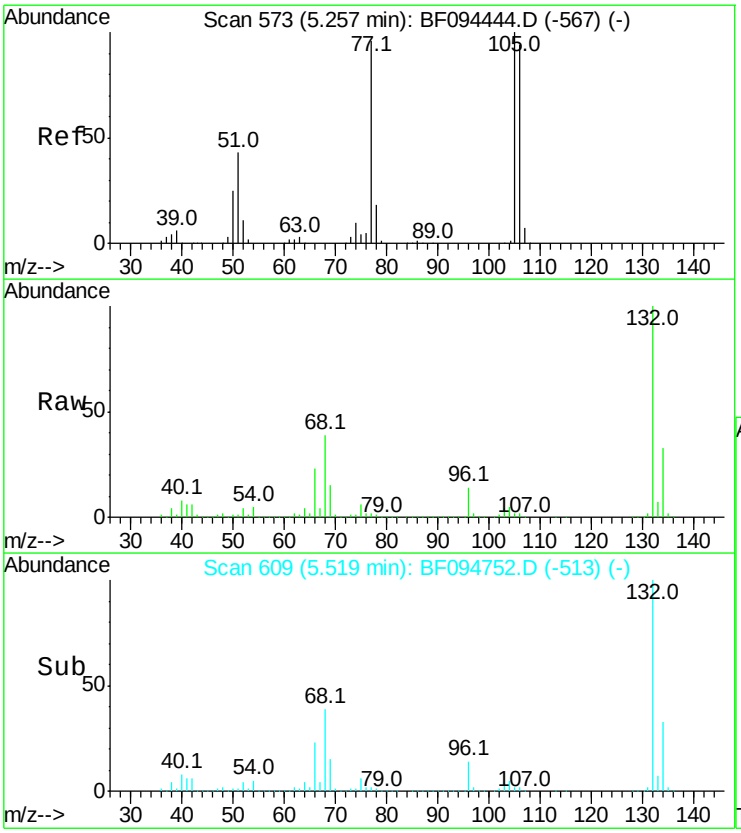
#7
Phenol-d6
Concen: 98.47 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 830322

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.1	24.5	36.7

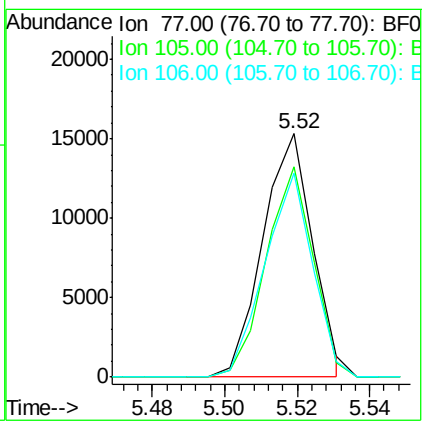


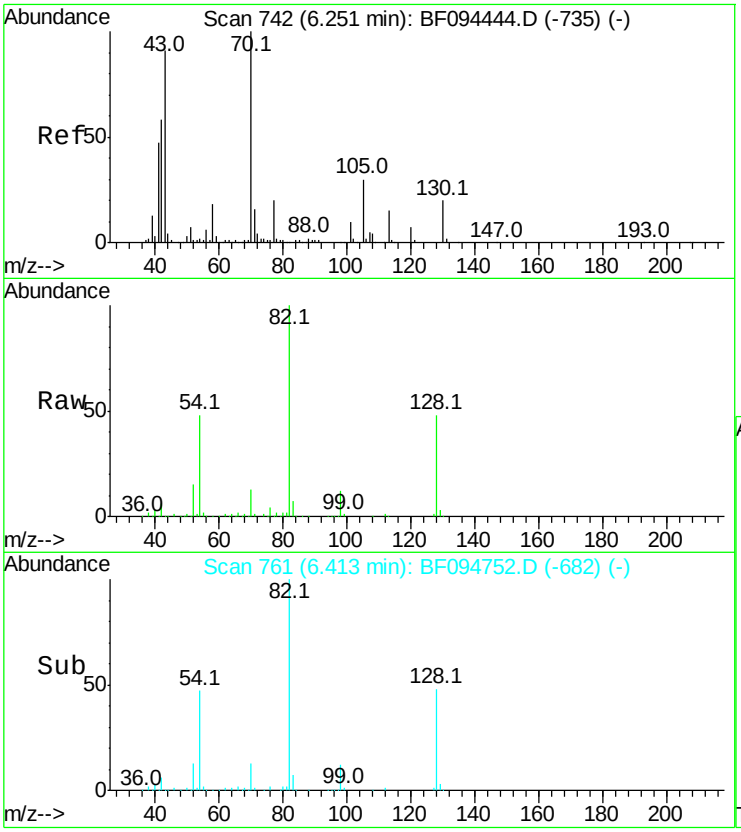


#9
Benzaldehyde
Concen: 2.28 ng
RT: 5.52 min Scan# 609
Delta R.T. 0.26 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion: 77 Resp: 14635

Ion	Ratio	Lower	Upper
77	100		
105	86.6	83.8	123.8
106	83.8	79.1	119.1



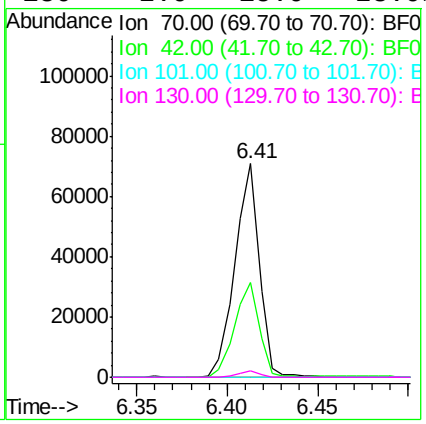


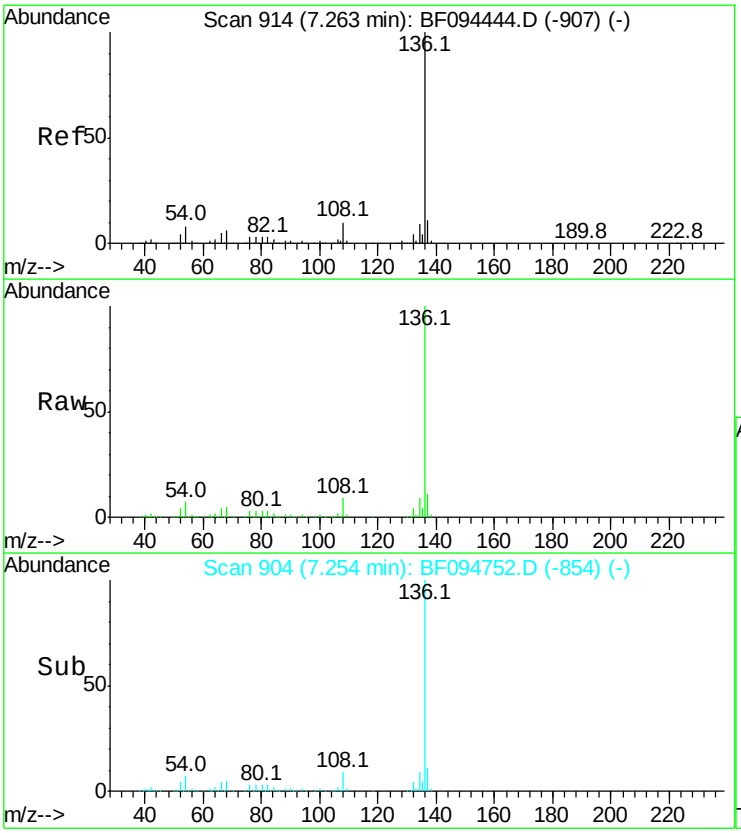
#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66312

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#

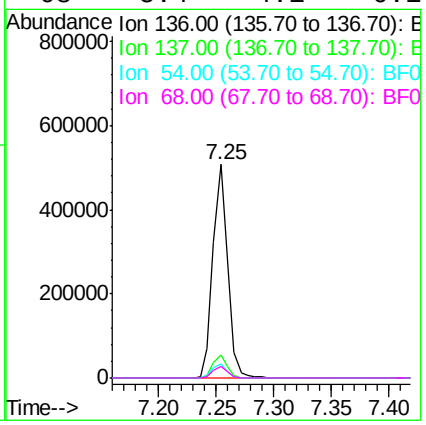


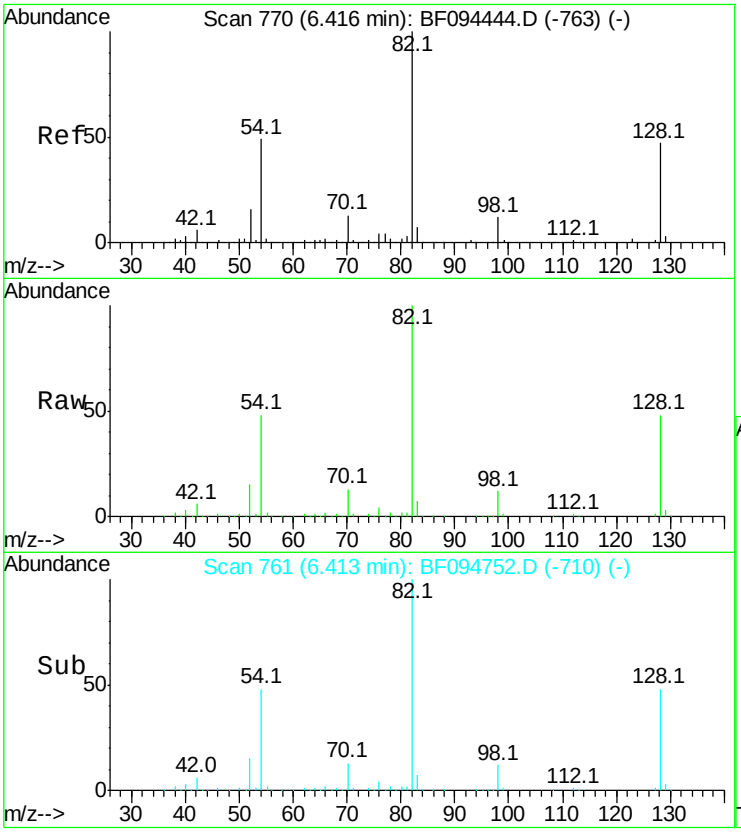


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:136 Resp: 450429

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.7	4.9	7.3
68	5.4	4.1	6.1

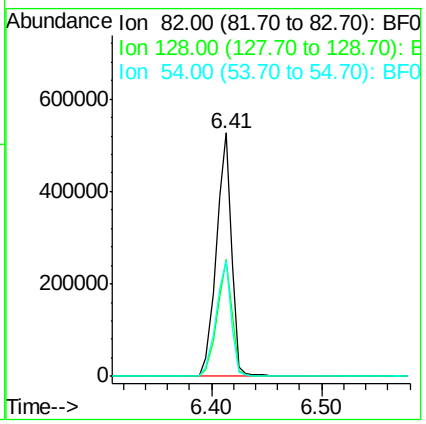




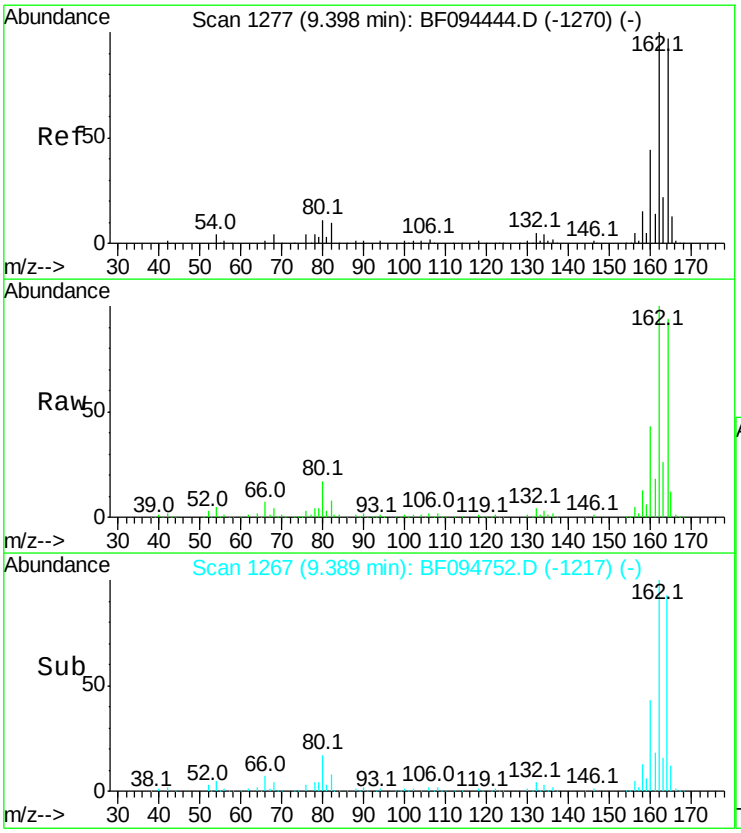
#23
Nitrobenzene-d5
Concen: 68.70 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion: 82 Resp: 501120

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	47.7	42.2	63.2



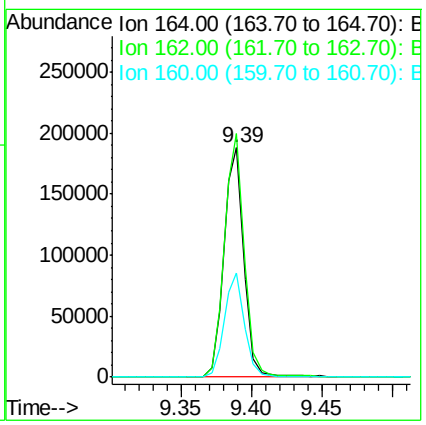
Instrument :
BNA_F
ClientSampleId :

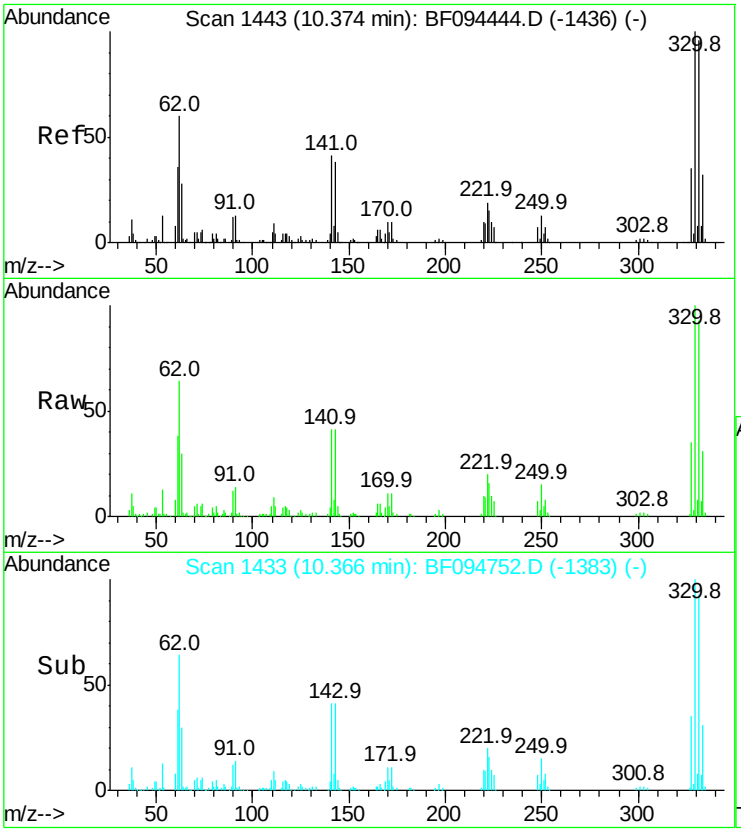


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:164 Resp: 183547

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	45.4	36.2	54.2



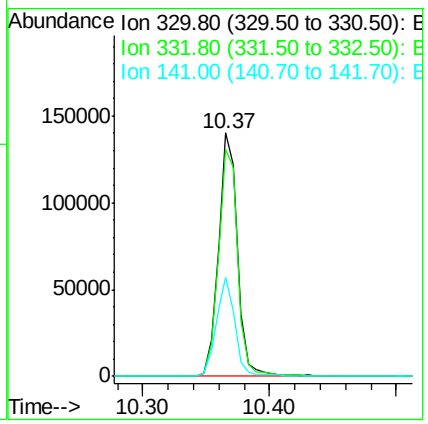


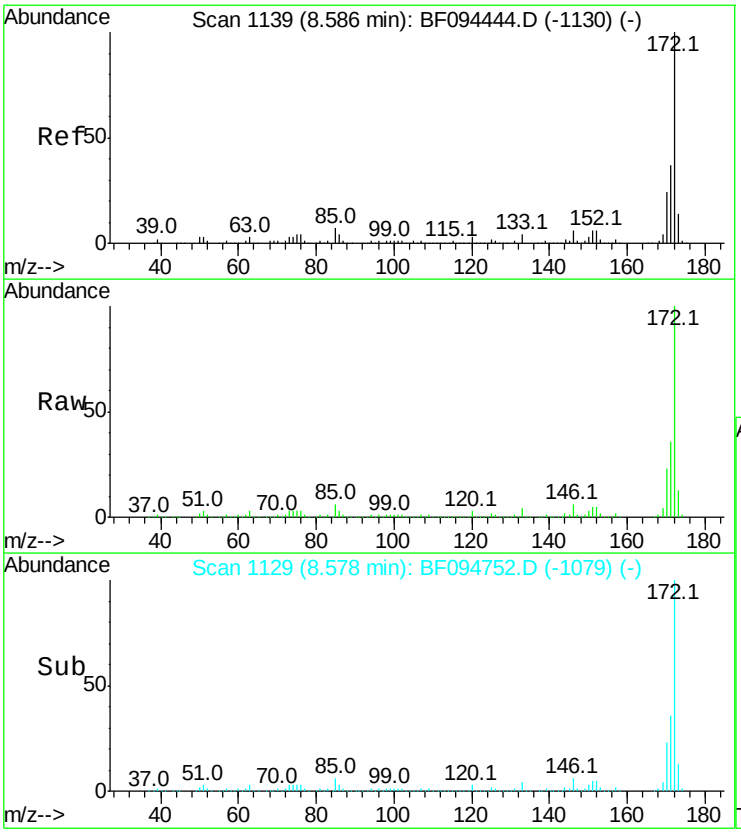
#41
2,4,6-Tribromophenol
Concen: 102.73 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 147482

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	40.1	31.4	47.2

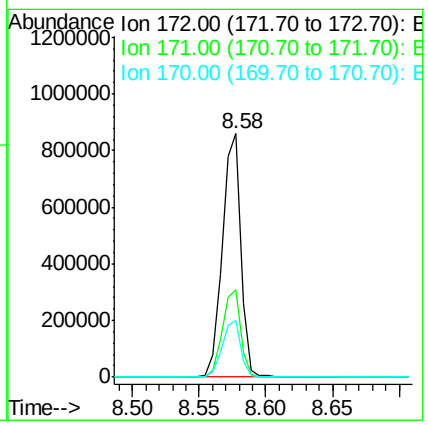


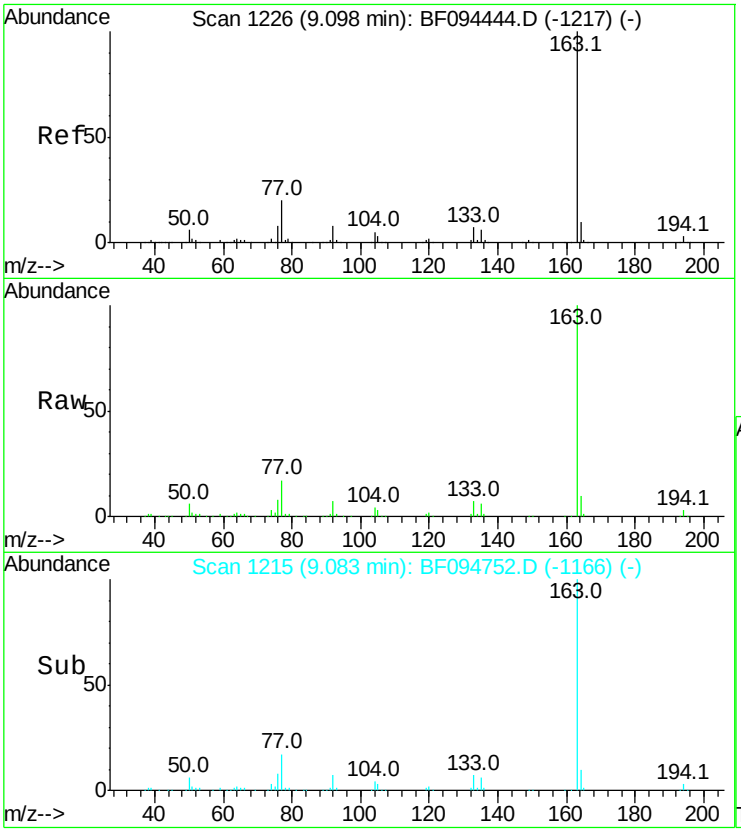


#44
2-Fluorobiphenyl
Concen: 67.84 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:172 Resp: 846329

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8



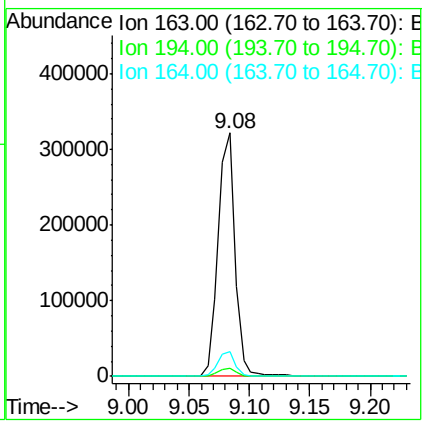


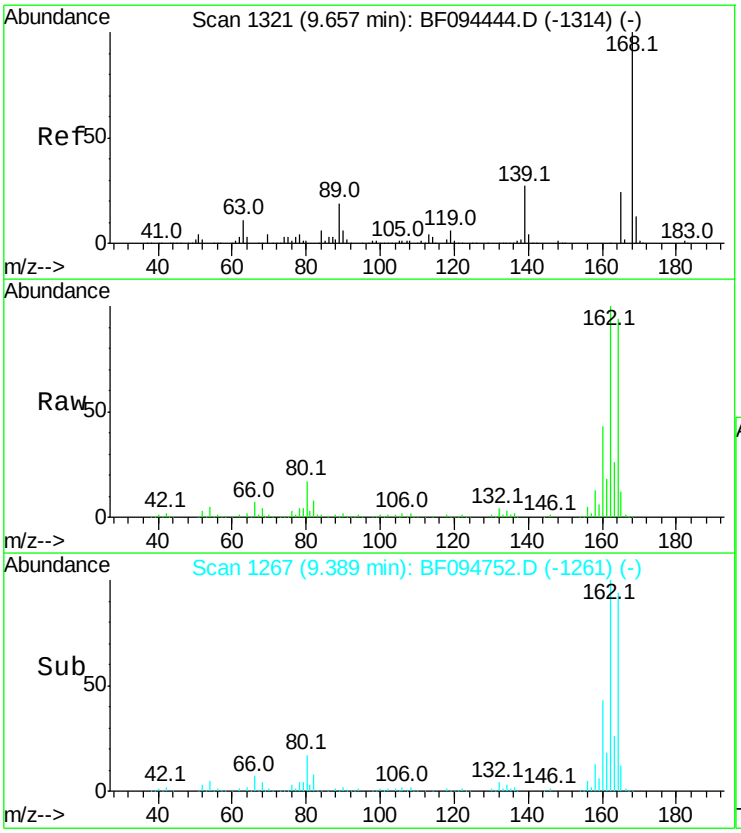
#49
Dimethylphthalate
Concen: 22.84 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 312354

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

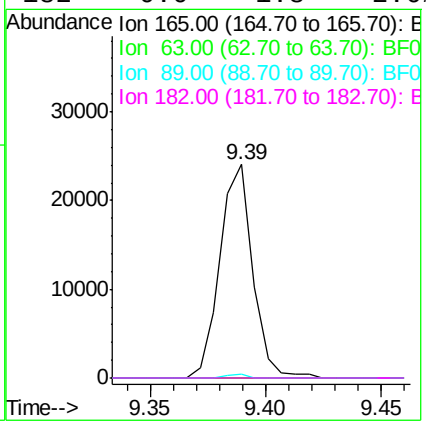


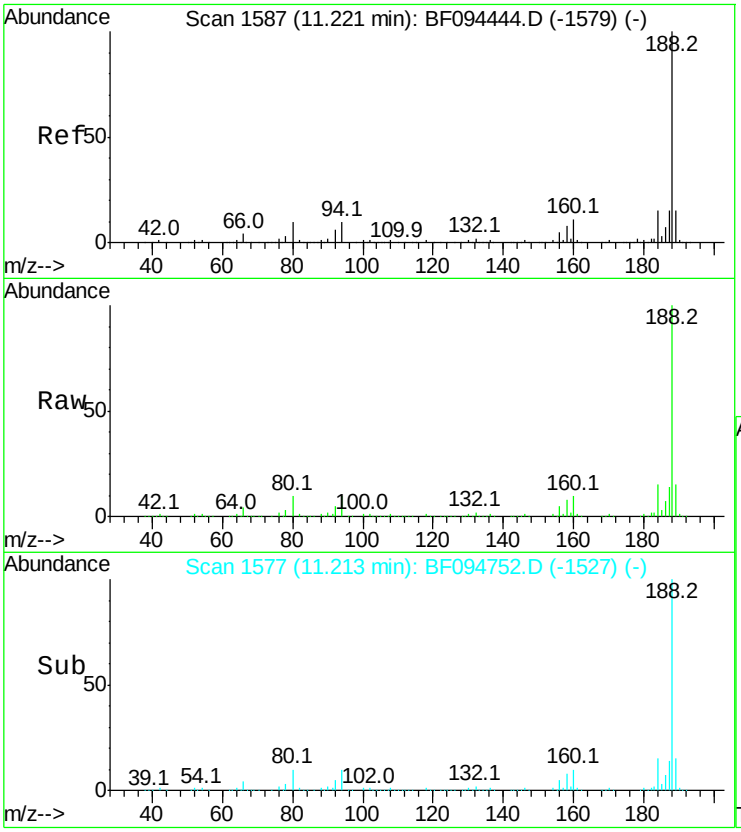


#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:165 Resp: 23724

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



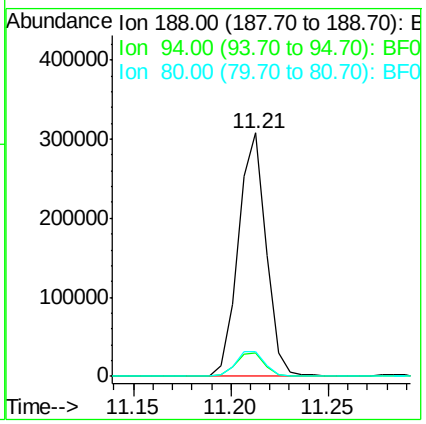


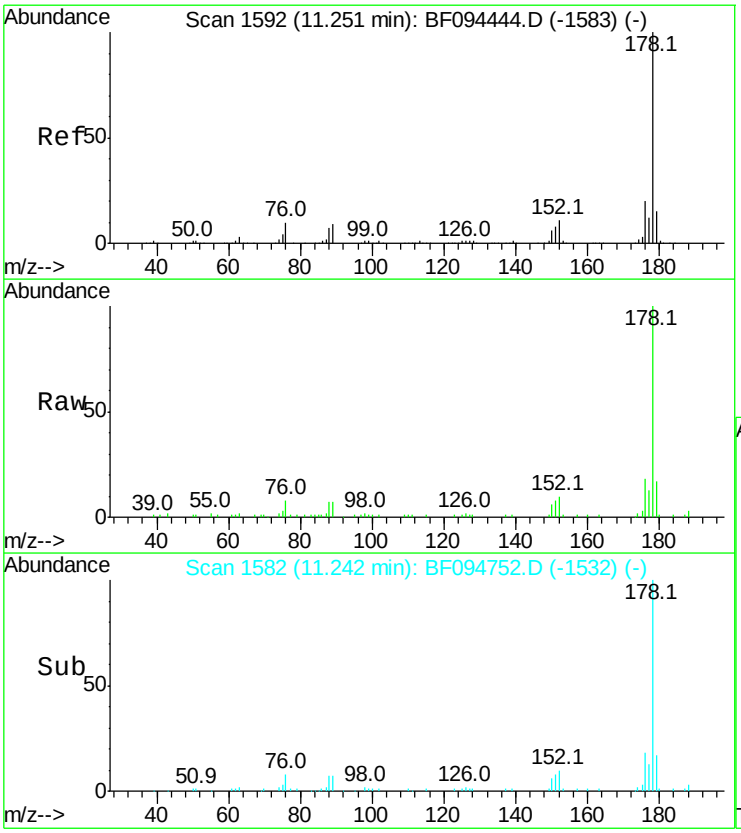
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 303610

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.1	10.2	15.2#

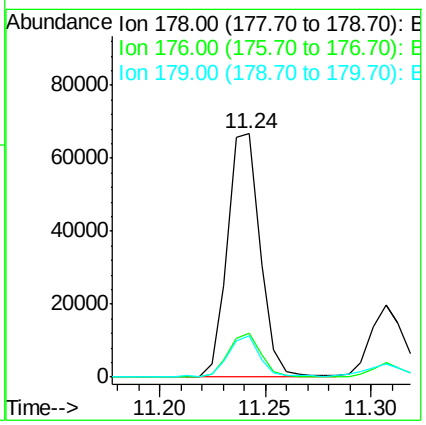


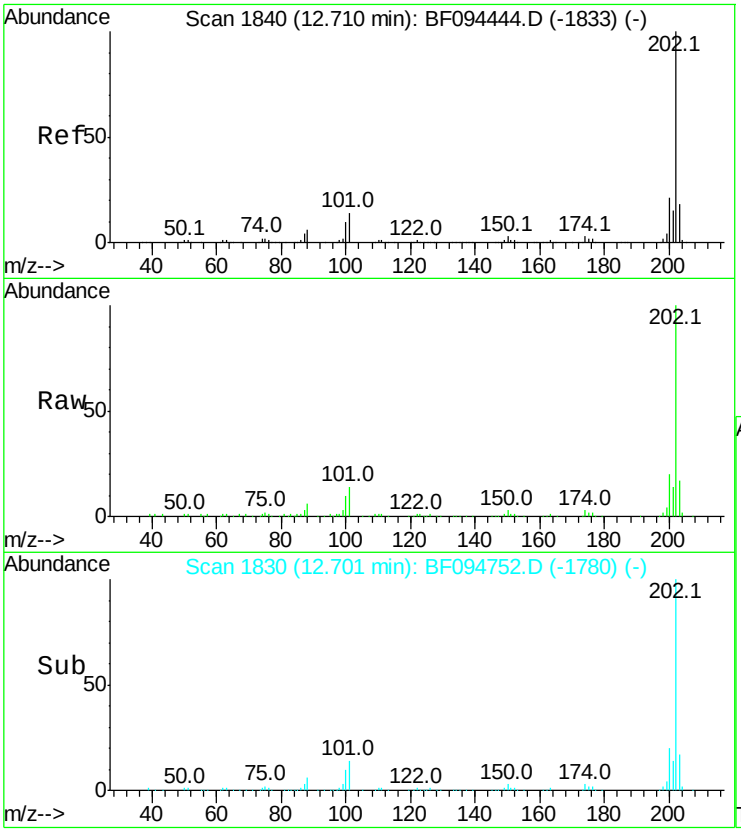


#70
Phenanthrene
Concen: 4.19 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:178 Resp: 71720

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	16.9	12.6	19.0



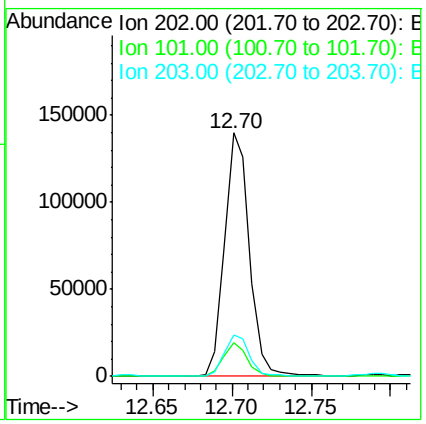


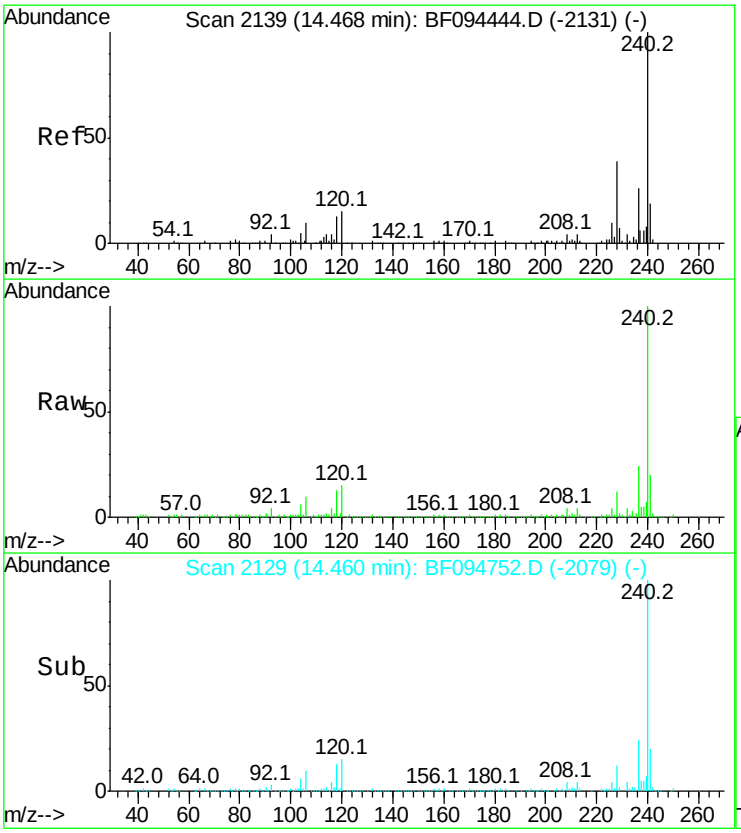
#74
Fluoranthene
Concen: 8.52 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 151010

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	16.8	0.0	38.1

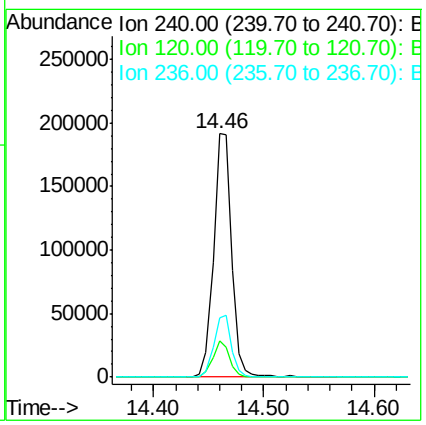


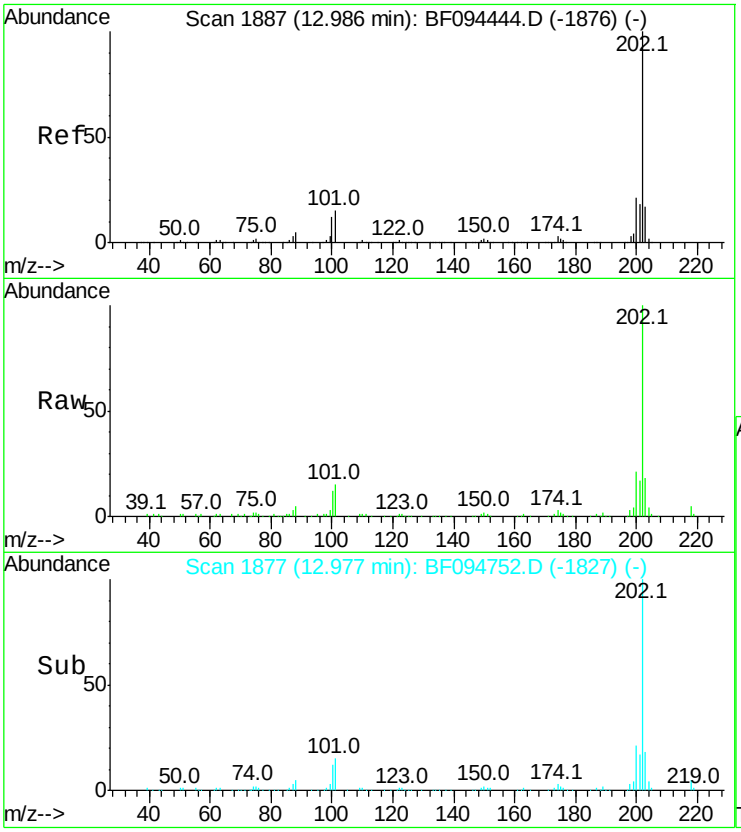


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:240 Resp: 216814

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.3	20.5	30.7



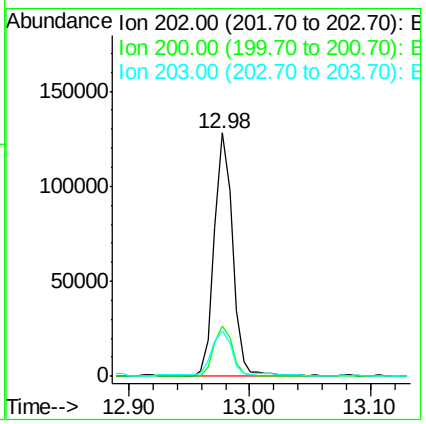


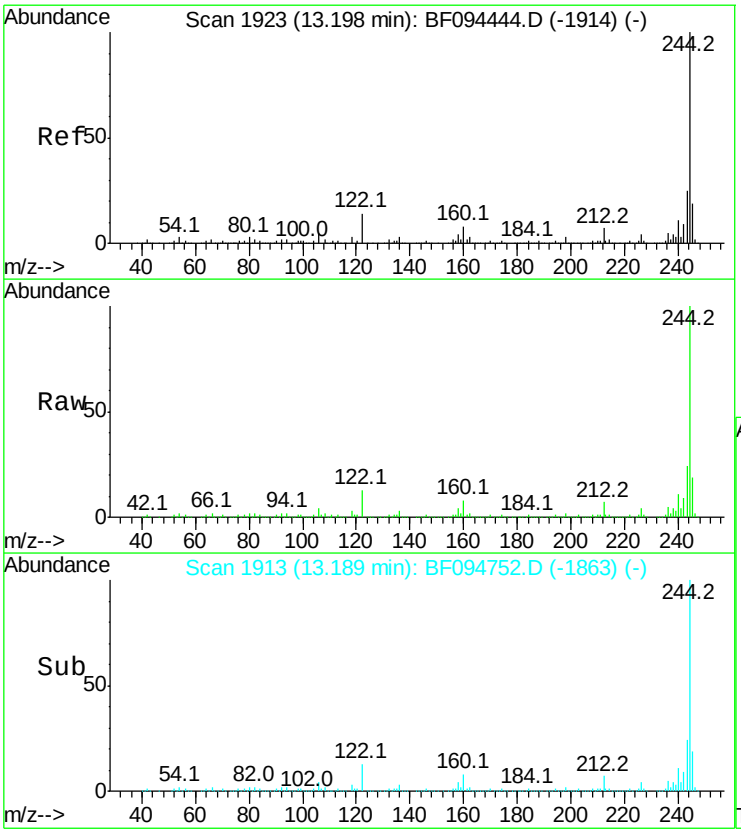
#77
Pyrene
Concen: 8.81 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 133384

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.5	14.4	21.6

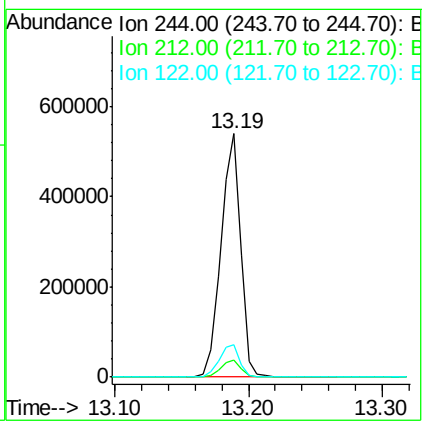


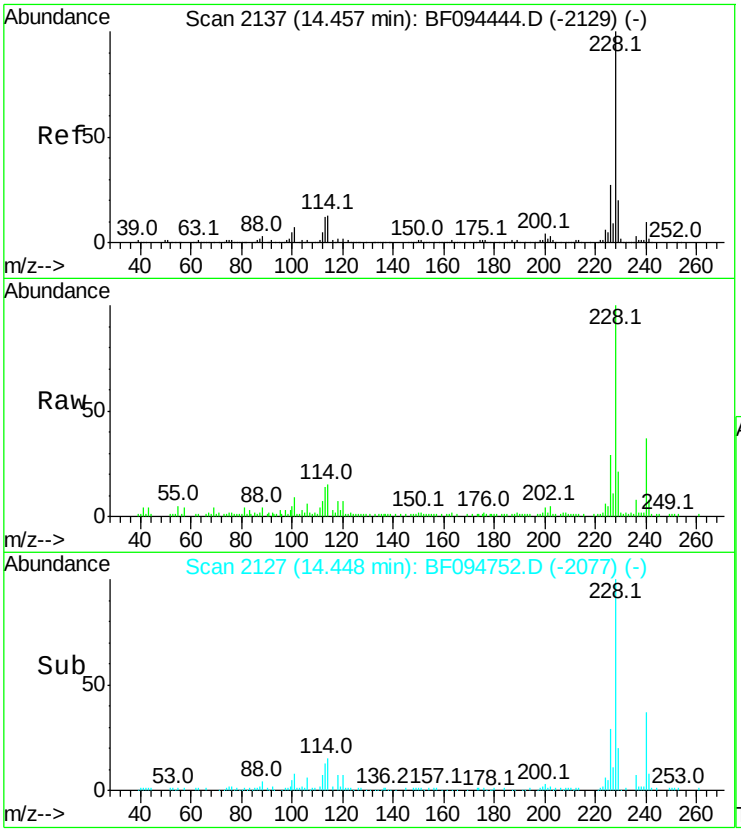


#78
Terphenyl-d14
Concen: 69.24 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:244 Resp: 561617

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.4	10.3	15.5



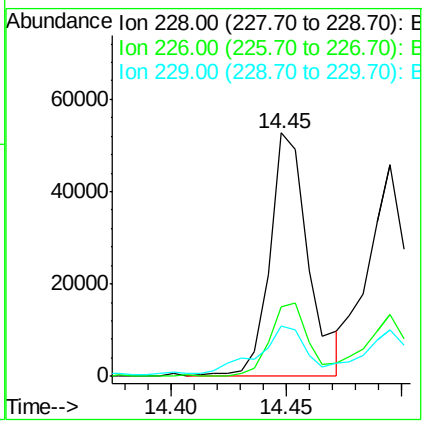


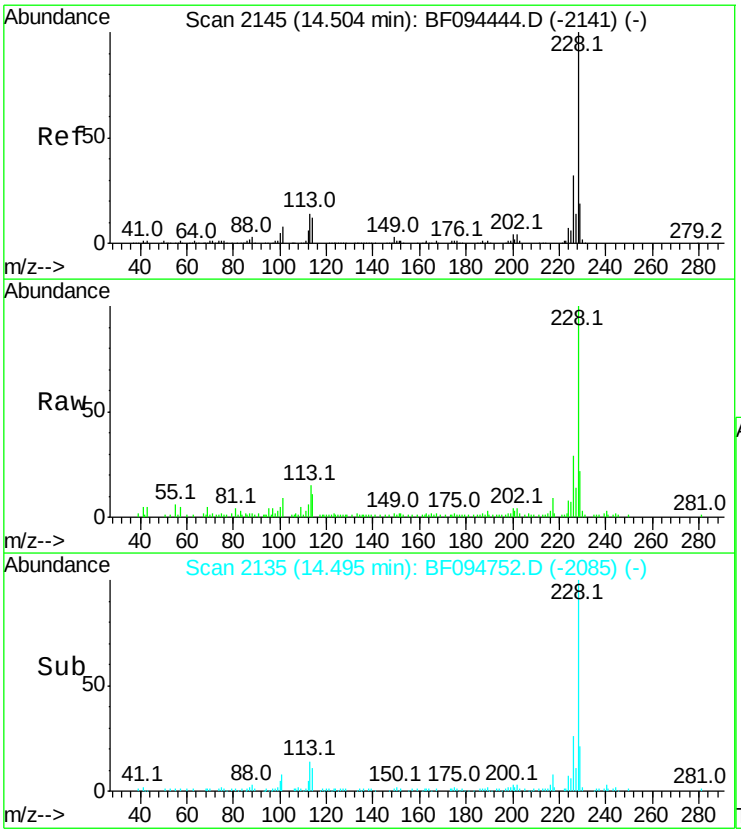
#80
Benzo(a)anthracene
Concen: 4.86 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 61295

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.5	16.3	24.5

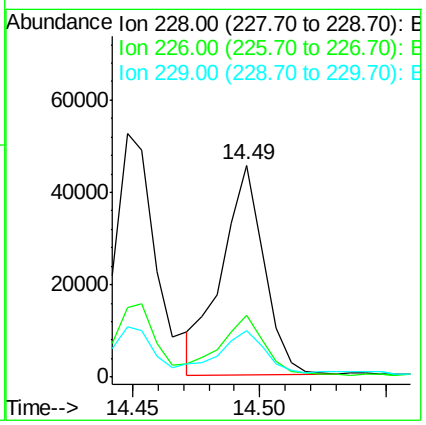


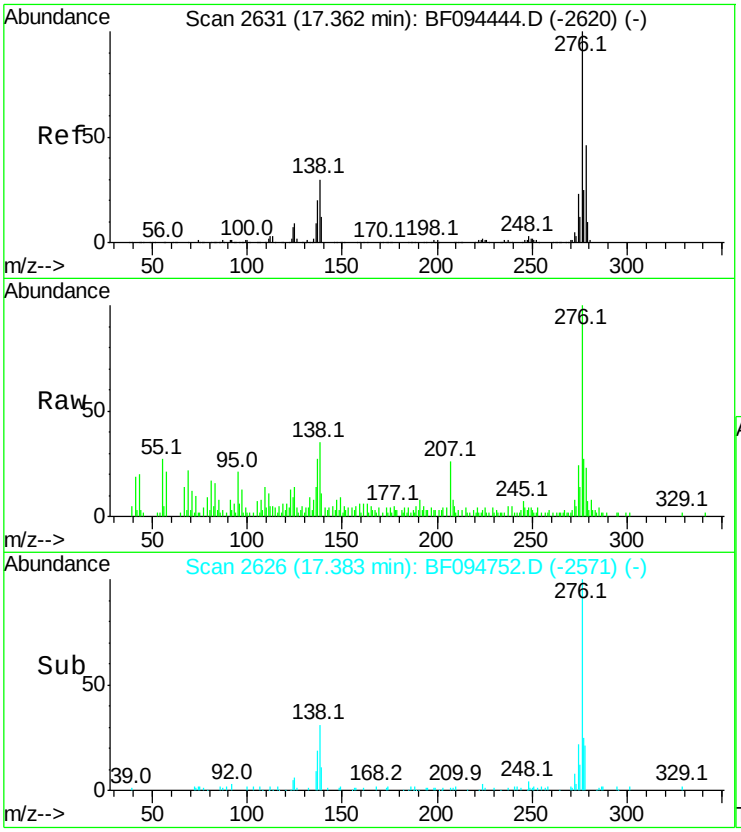


#82
Chrysene
Concen: 4.57 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:228 Resp: 52658

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	21.8	15.8	23.6



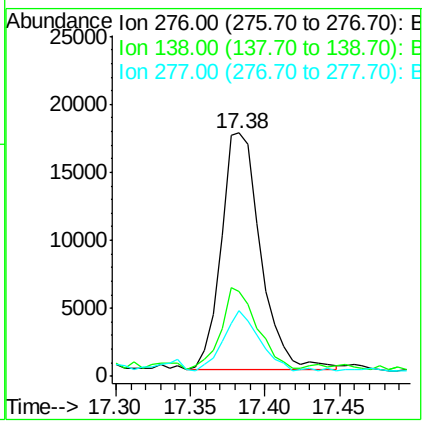


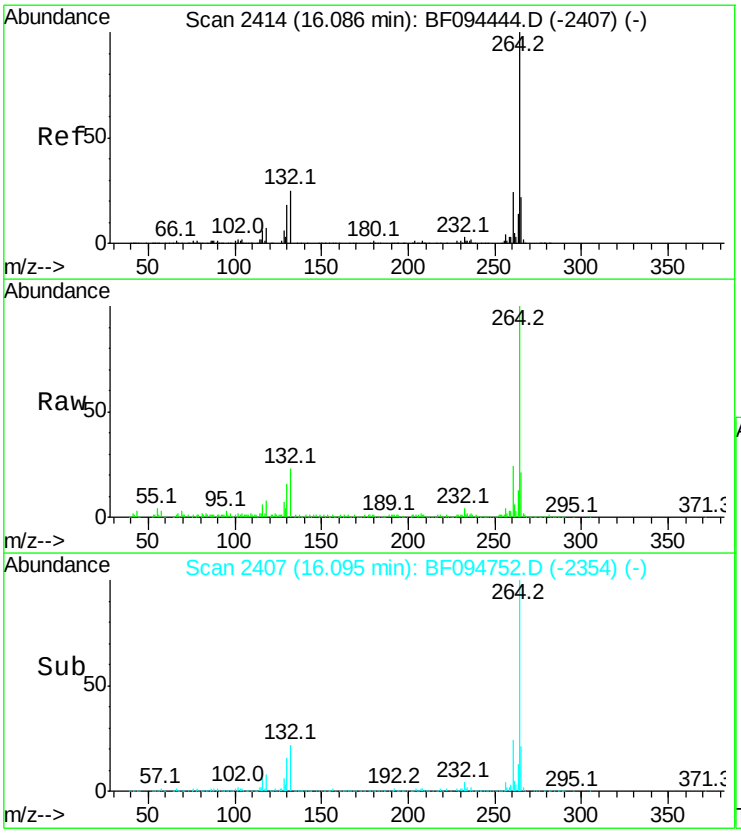
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.95 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.02 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32311

Ion	Ratio	Lower	Upper
276	100		
138	31.1	27.8	41.6
277	22.9	20.2	30.4

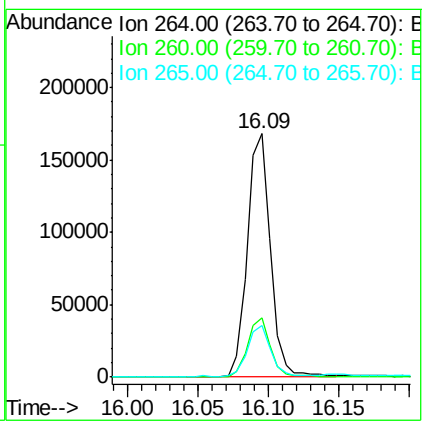


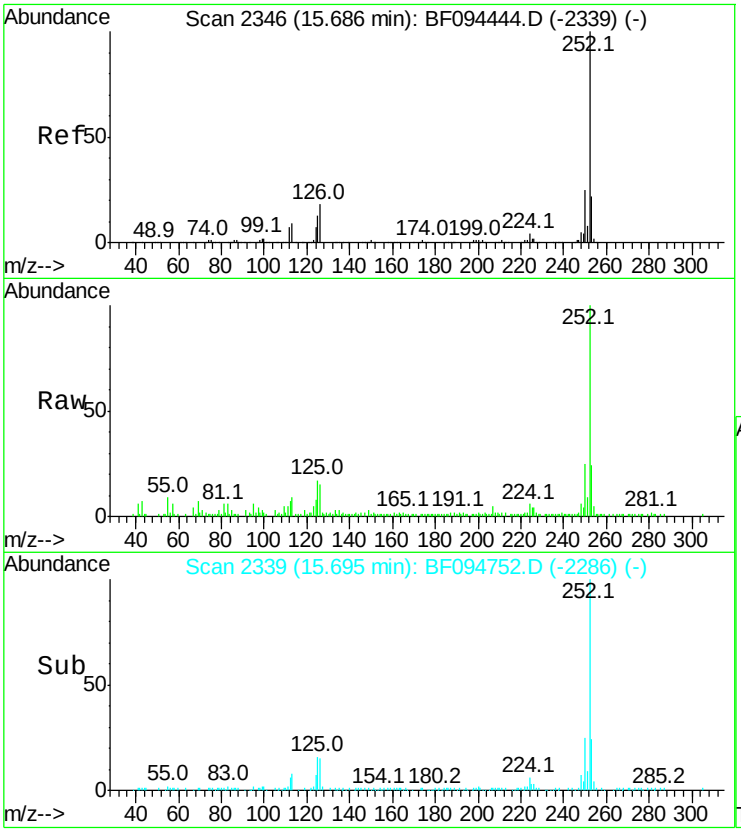


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:264 Resp: 194498

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	17.2	25.8



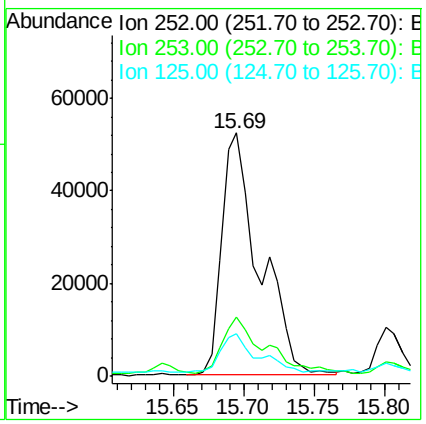


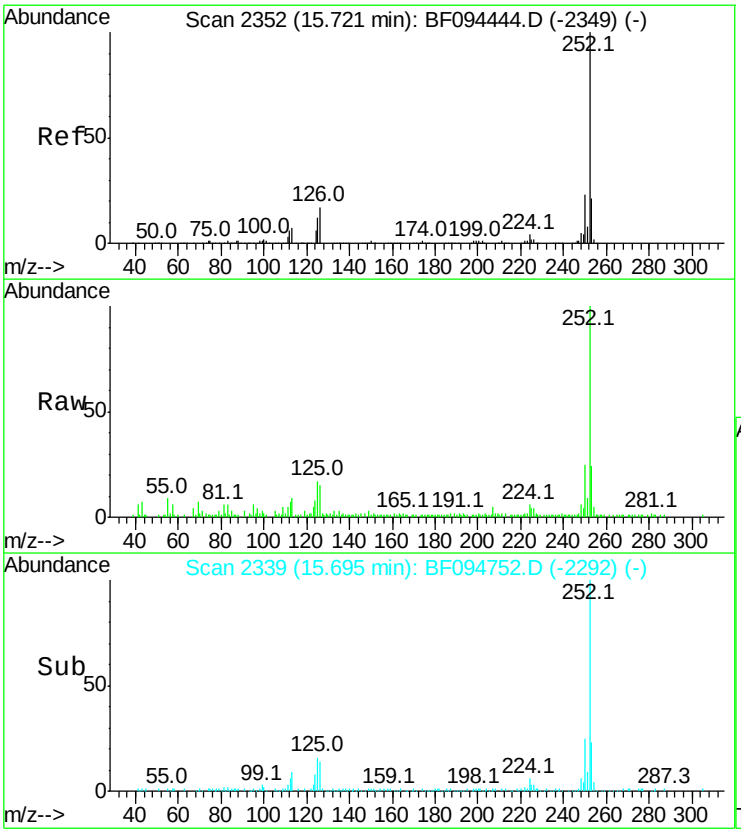
#87
Benzo(b)fluoranthene
Concen: 8.19 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 97462

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	17.5	9.8	14.8#

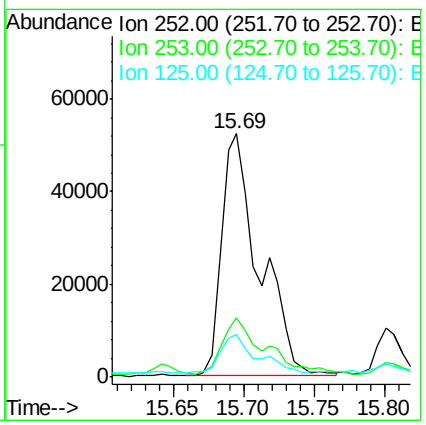


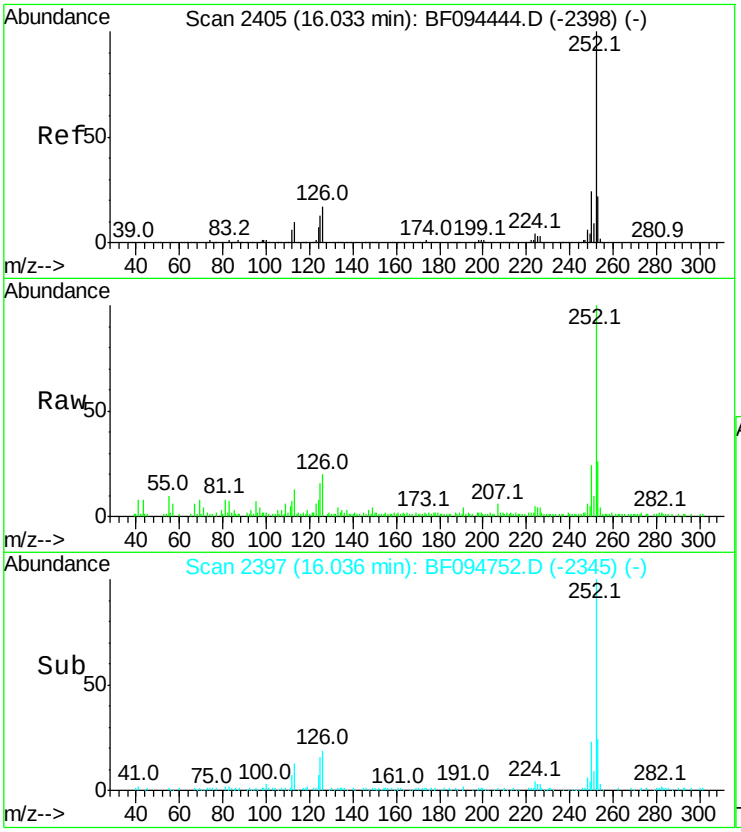


#88
Benzo(k)fluoranthene
Concen: 8.66 ng
RT: 15.69 min Scan# 2339
Delta R.T. -0.03 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:252 Resp: 97462

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	17.5	13.1	19.7



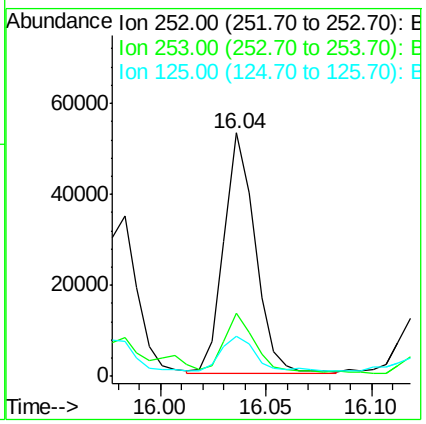


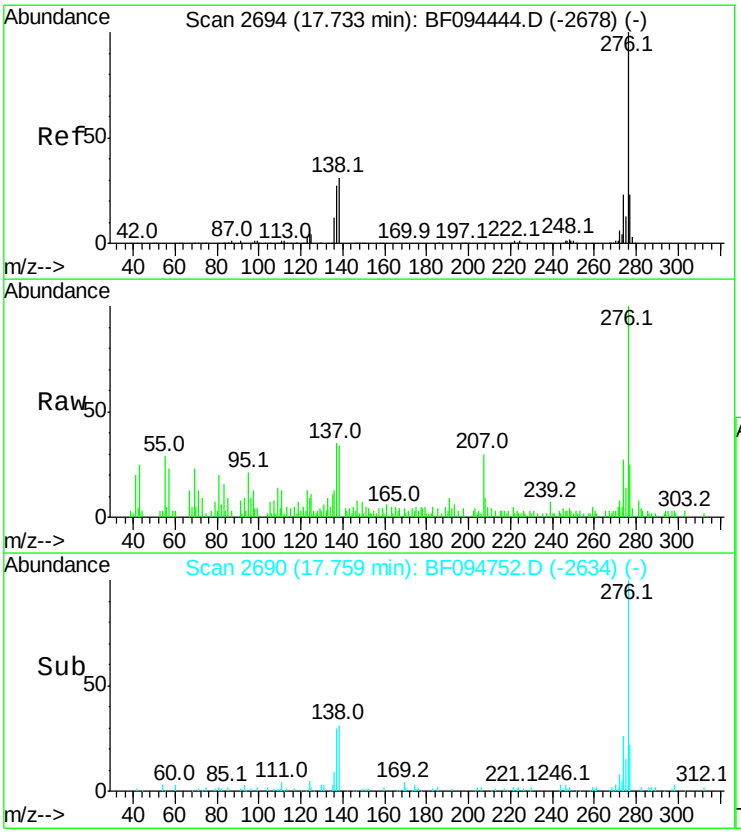
#89
Benzo(a)pyrene
Concen: 4.92 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 54432

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	16.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 17.76 min Scan# 2690
Delta R.T. 0.03 min
Lab File: BF094752.D
Acq: 1 May 2017 15:39

Tgt Ion:276 Resp: 32040

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	34.2	25.4	38.0