Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Time: Mar 29 02:41:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	162653	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	675241	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	310328	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	525862	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	354911	20.00	ng		-0.04
86) Perylene-d12	16.27	264	274233	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	966157	100.33	ng		-0.01
7) Phenol-d6	5.53	99	1271234	106.71	ng		-0.02
23) Nitrobenzene-d5	6.57	82	849522	71.80	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	253107	103.21	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	1328749	65.31	ng		-0.03
78) Terphenyl-d14	13.37	244	875335	55.28	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	5.67	77	22487	2.80	ng		82
19) n-Nitroso-di-n-propylamine	6.57	70	111984	14.63	ng	#	76
49) Dimethylphthalate	9.25	163	119469	5.42	ng		99
56) 2,4-Dinitrotoluene	9.57	165	41243	6.49	ng	#	33
70) Phenanthrene	11.42	178	121594	4.16	ng		97
71) Anthracene	11.42	178	121594	4.04	ng		98
74) Fluoranthene	12.89	202	144793	4.83	ng		97
77) Pyrene	13.16	202	140989	5.47	ng		97
80) Benzo(a)anthracene	14.63	228	54171	2.62	ng		94
82) Chrysene	14.63	228	54171	2.82	ng		96
87) Benzo(b)fluoranthene	15.86	252	85470	5.08	ng	#	95
88) Benzo(k)fluoranthene	15.86	252	85470	5.20	ng		98
89) Benzo(a)pyrene	16.21	252	41614	2.69	ng	#	92
91) Benzo(g,h,i)perylene	18.02	276	33986	2.57	ng		99

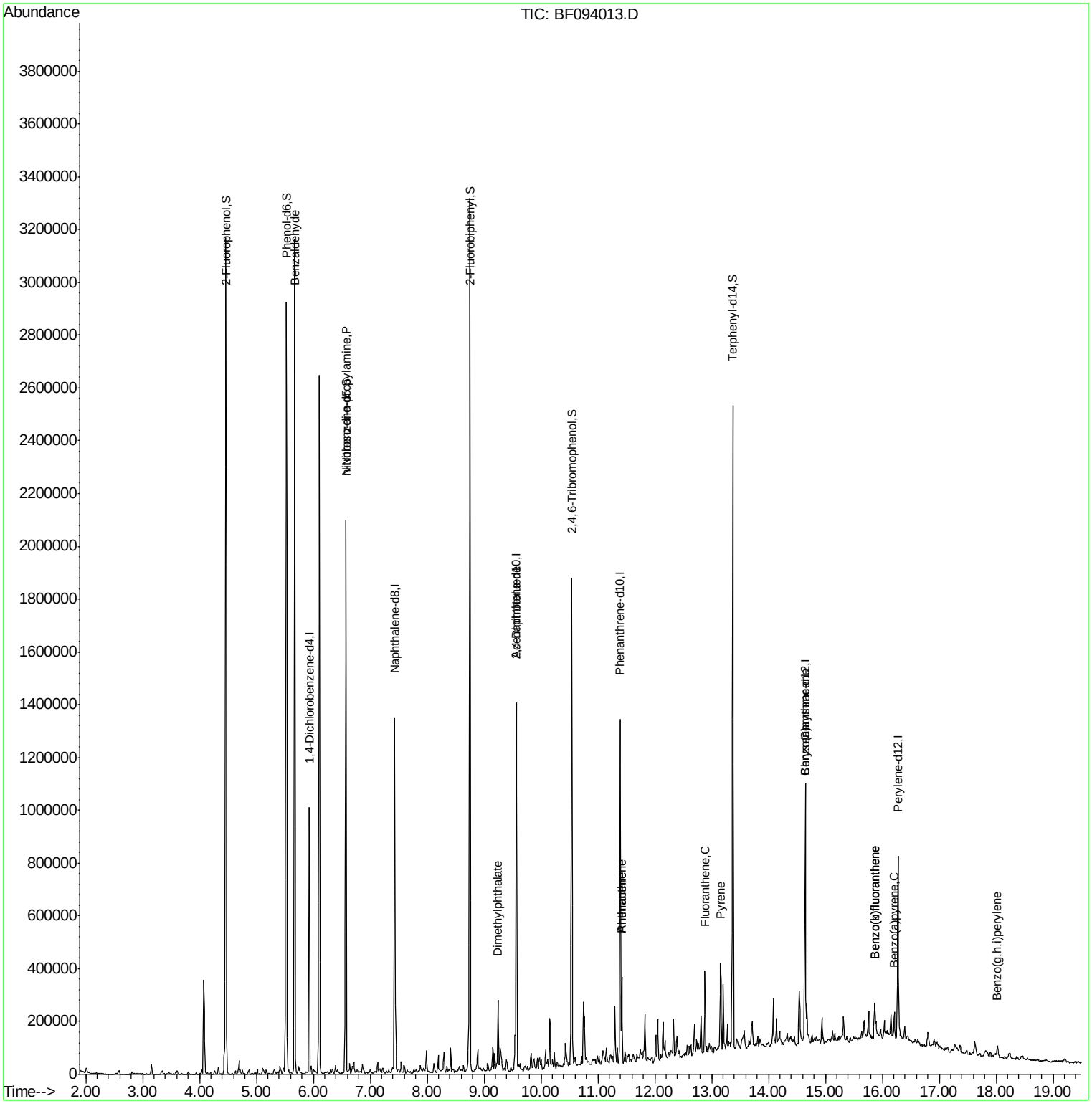
(#) = qualifier out of range (m) = manual integration (+) = signals summed

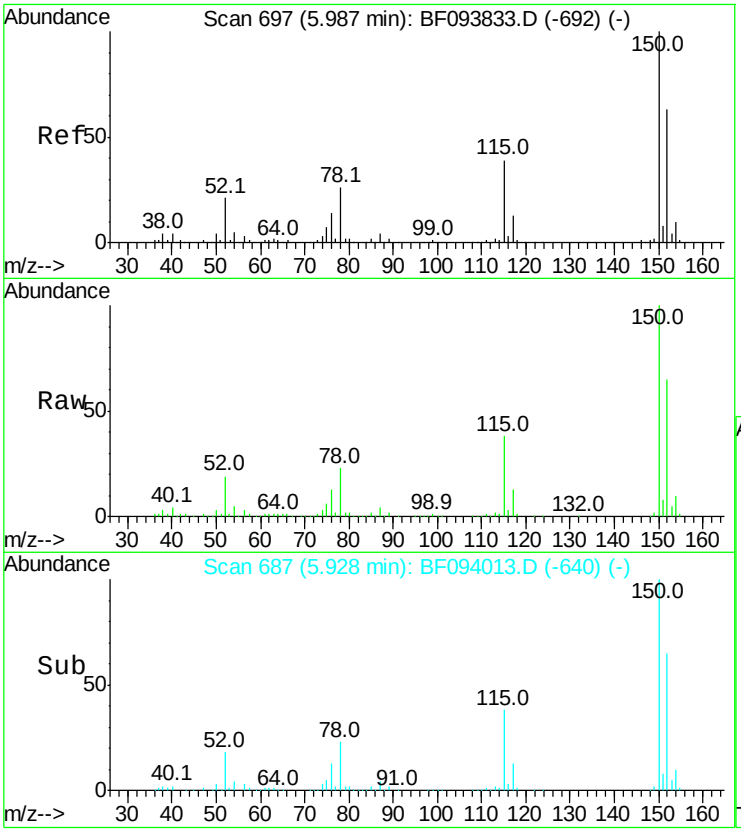
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Quant Time: Mar 29 02:41:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration



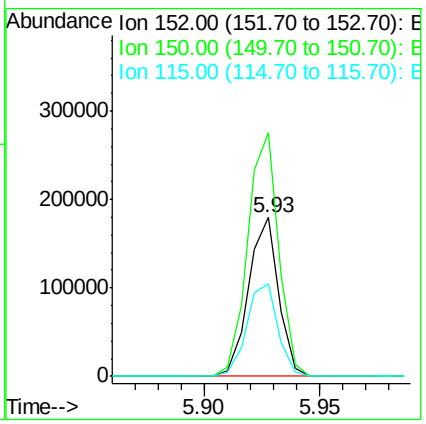


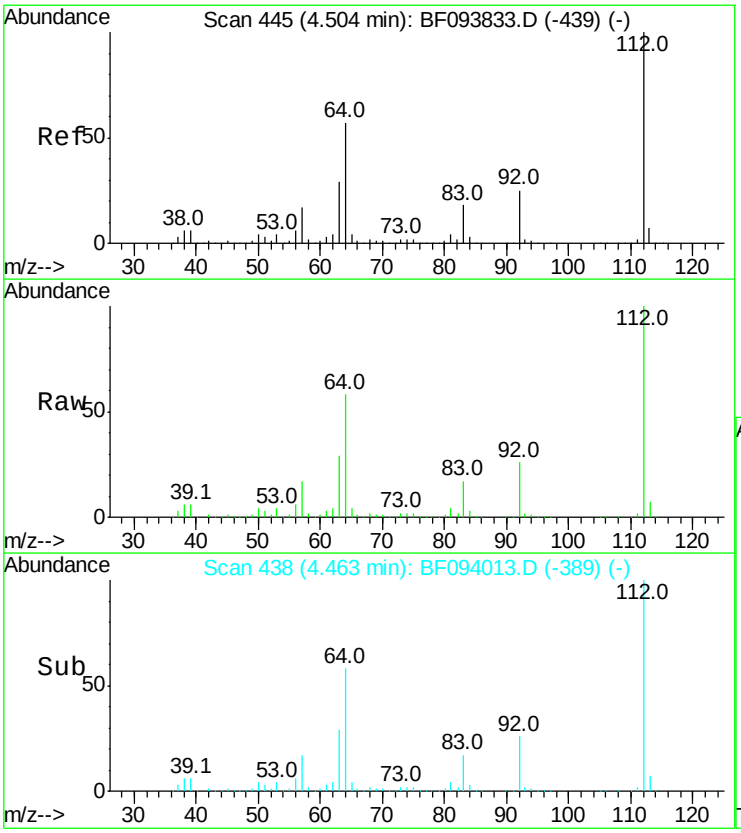
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:152 Resp: 162653

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.2	189.2
115	58.7	52.2	78.2

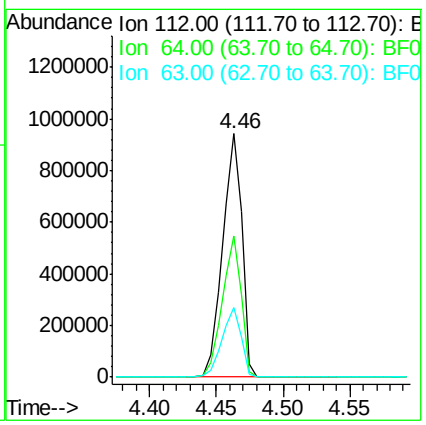


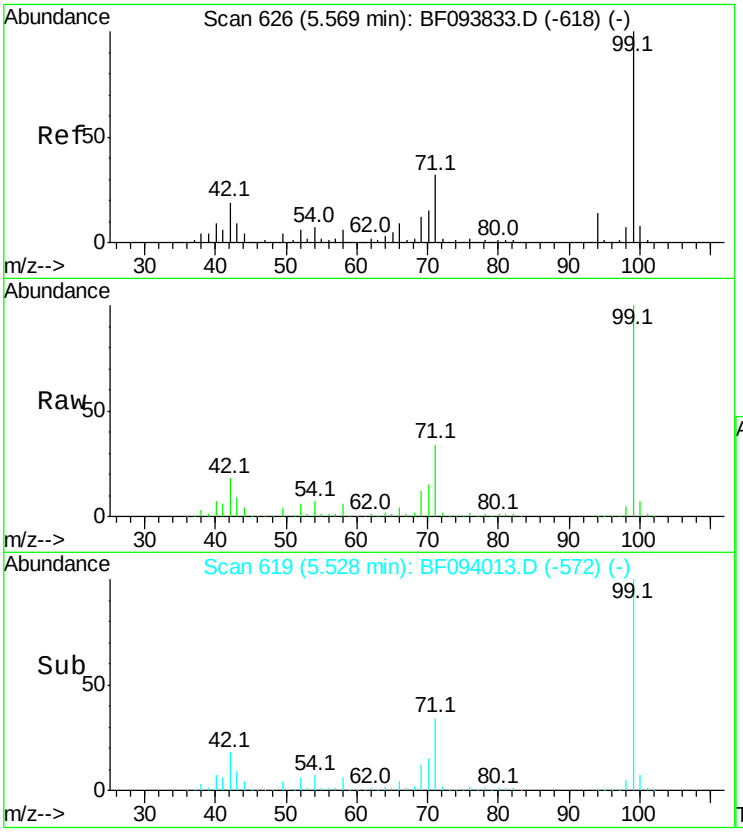


#5
2-Fluorophenol
Concen: 100.33 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:112 Resp: 966157

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	28.6	23.4	35.0



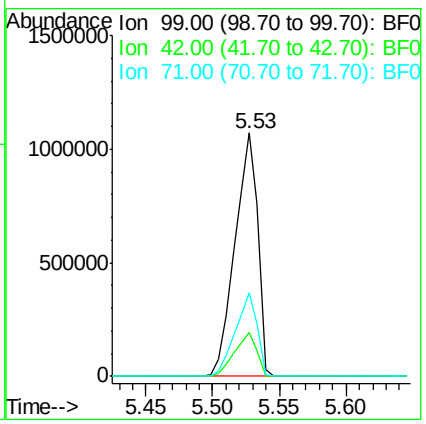


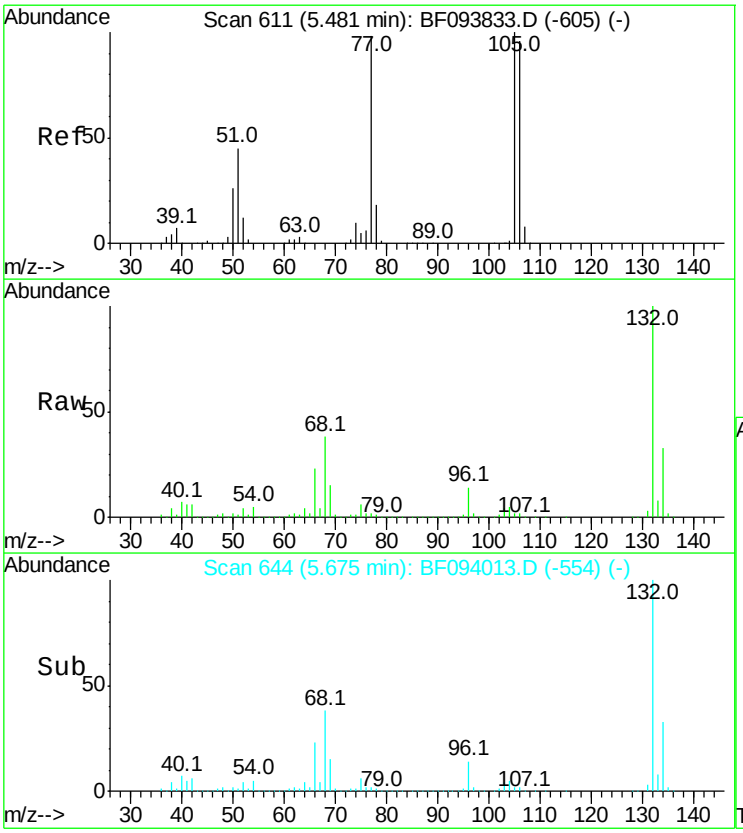
#7
Phenol-d6
Concen: 106.71 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion: 99 Resp: 1271234

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	34.3	24.5	36.7

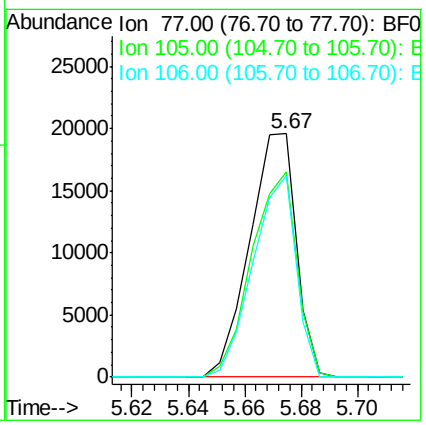


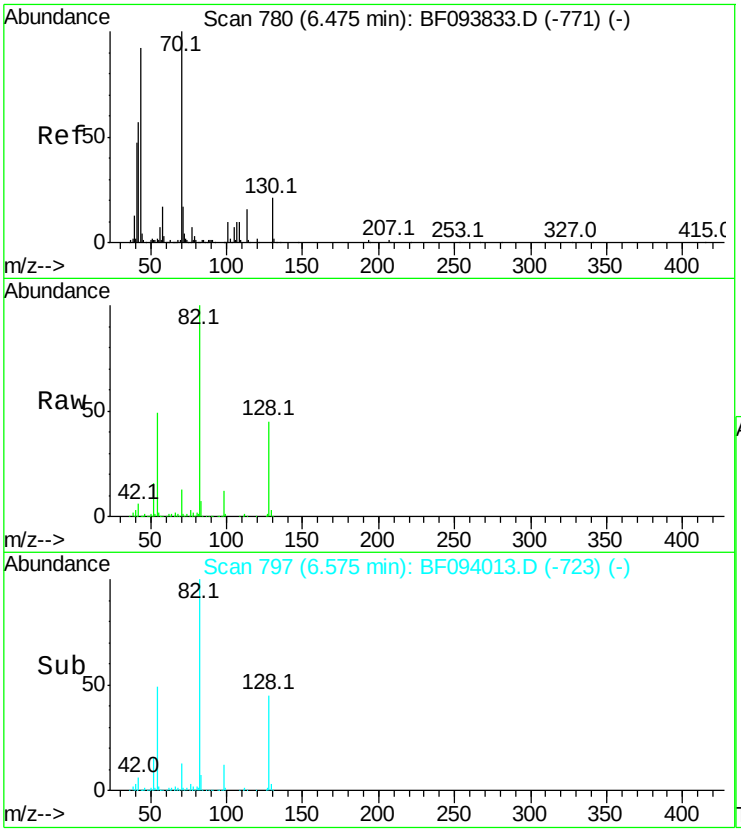


#9
Benzaldehyde
Concen: 2.80 ng
RT: 5.67 min Scan# 644
Delta R.T. 0.23 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion: 77 Resp: 22487

Ion	Ratio	Lower	Upper
77	100		
105	84.4	83.8	123.8
106	82.8	79.1	119.1



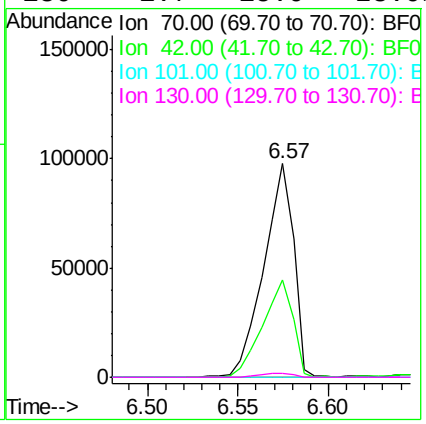


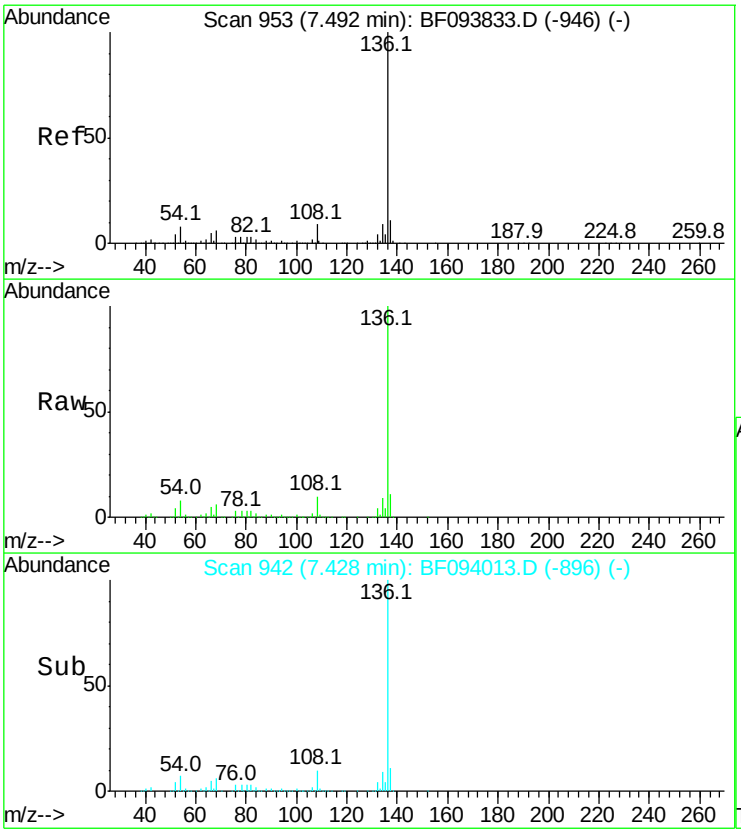
#19
n-Nitroso-di-n-propylamine
Concen: 14.63 ng
RT: 6.57 min Scan# 797
Delta R.T. 0.14 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion: 70 Resp: 111984

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#

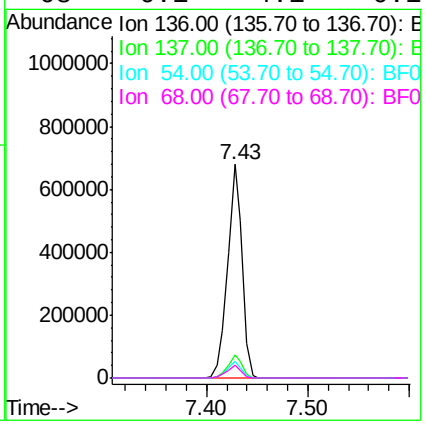


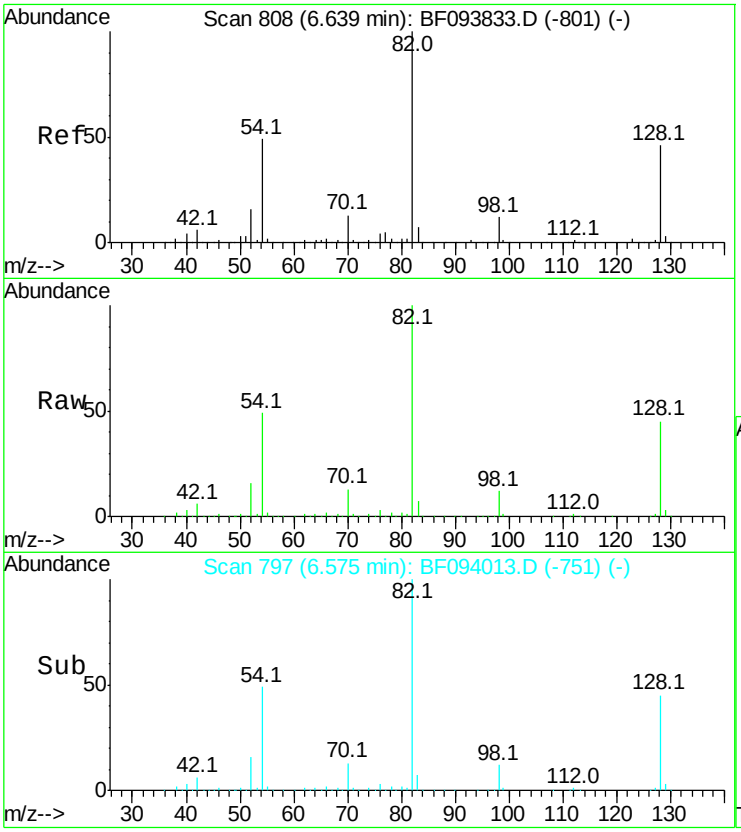


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:136 Resp: 675241

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1



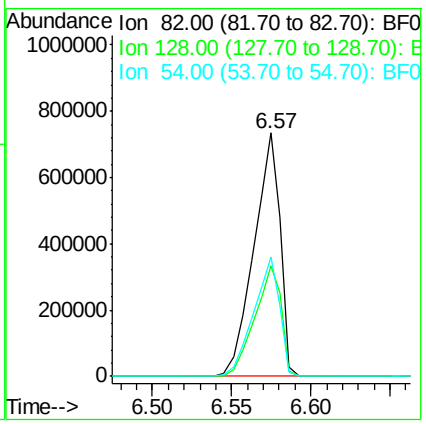


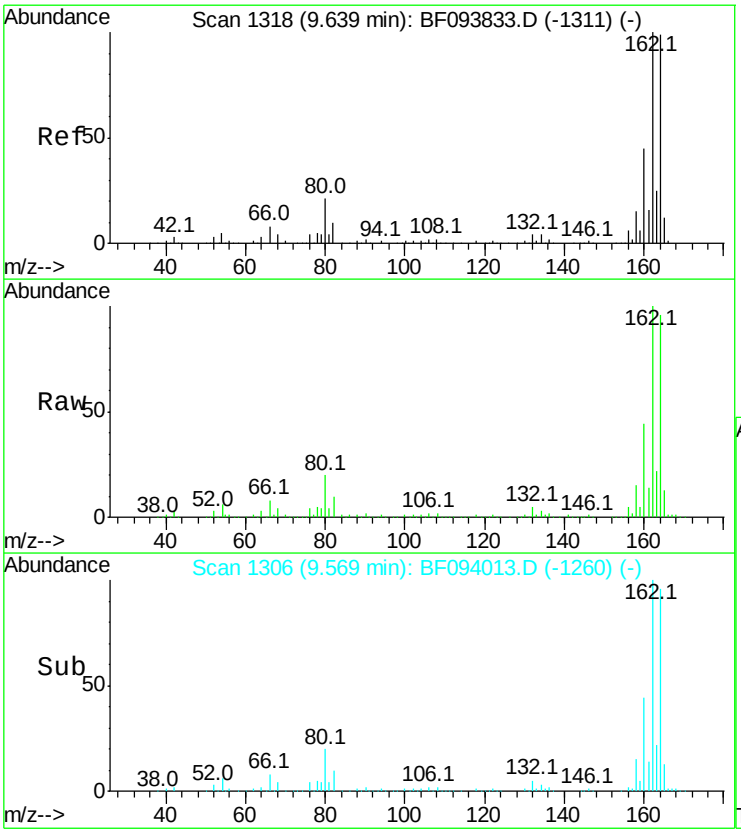
#23
Nitrobenzene-d5
Concen: 71.80 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion: 82 Resp: 849522

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	49.2	42.2	63.2

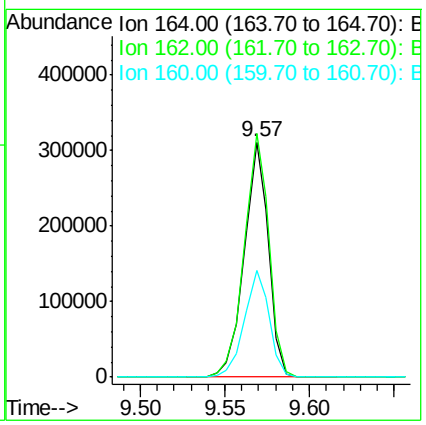


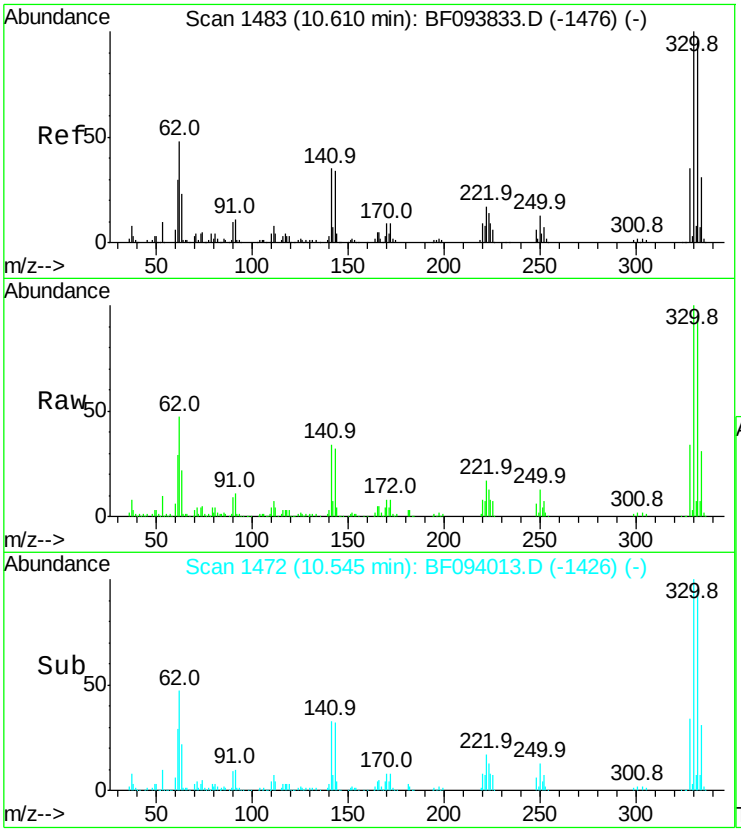


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:164 Resp: 310328

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.6	36.2	54.2



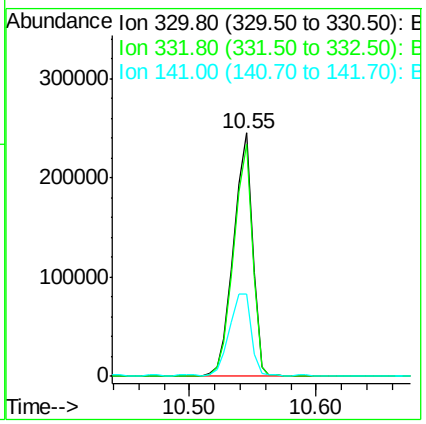


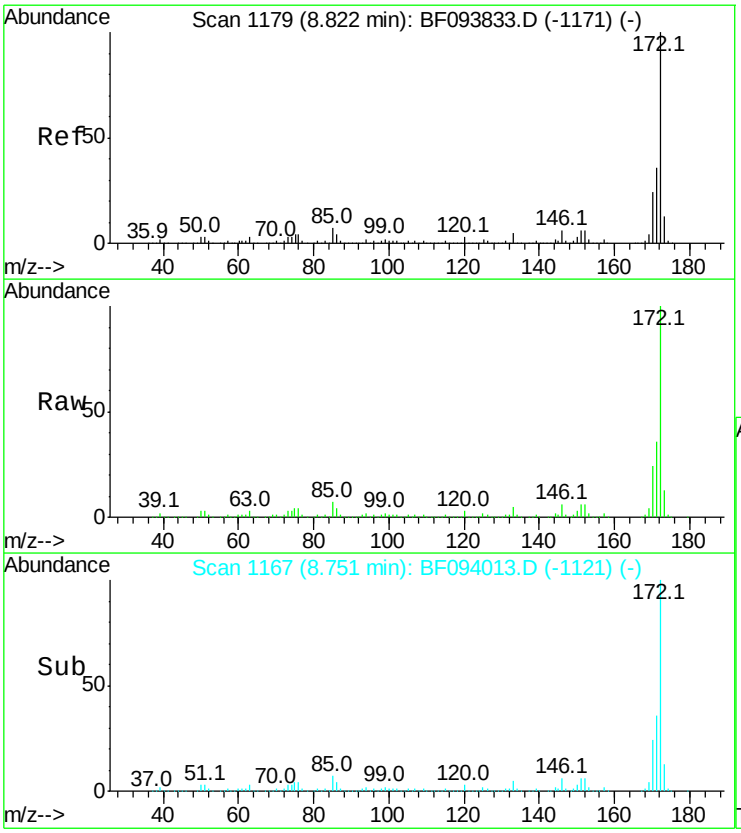
#41
2,4,6-Tribromophenol
Concen: 103.21 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:330 Resp: 253107

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.5	31.4	47.2

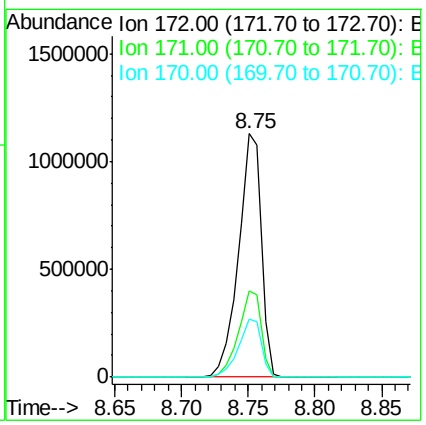


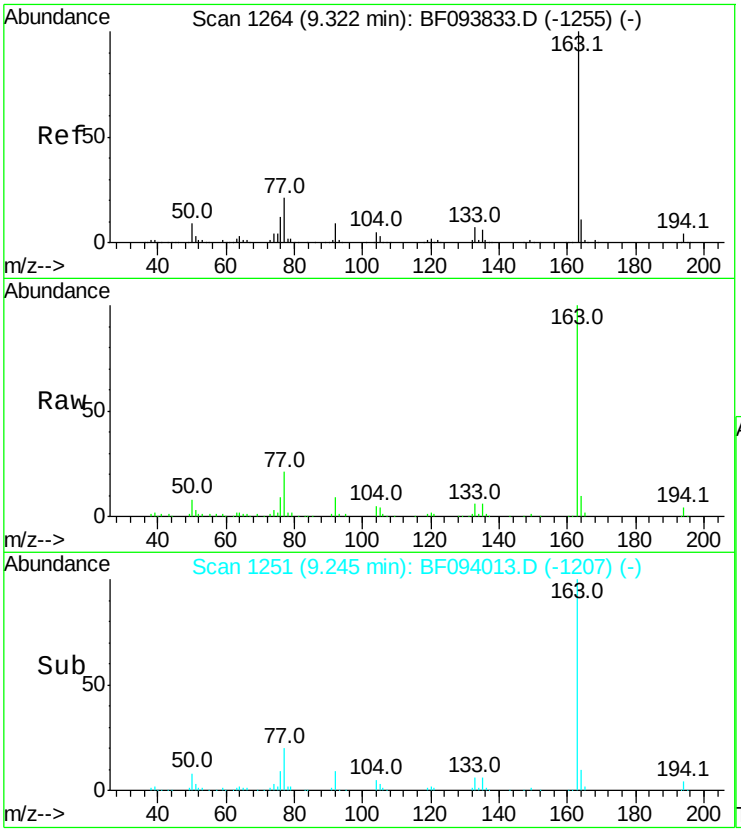


#44
2-Fluorobiphenyl
Concen: 65.31 ng
RT: 8.75 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:172 Resp: 1328749

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.9	19.8	29.8



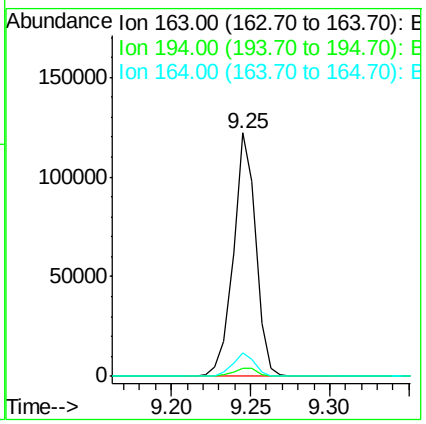


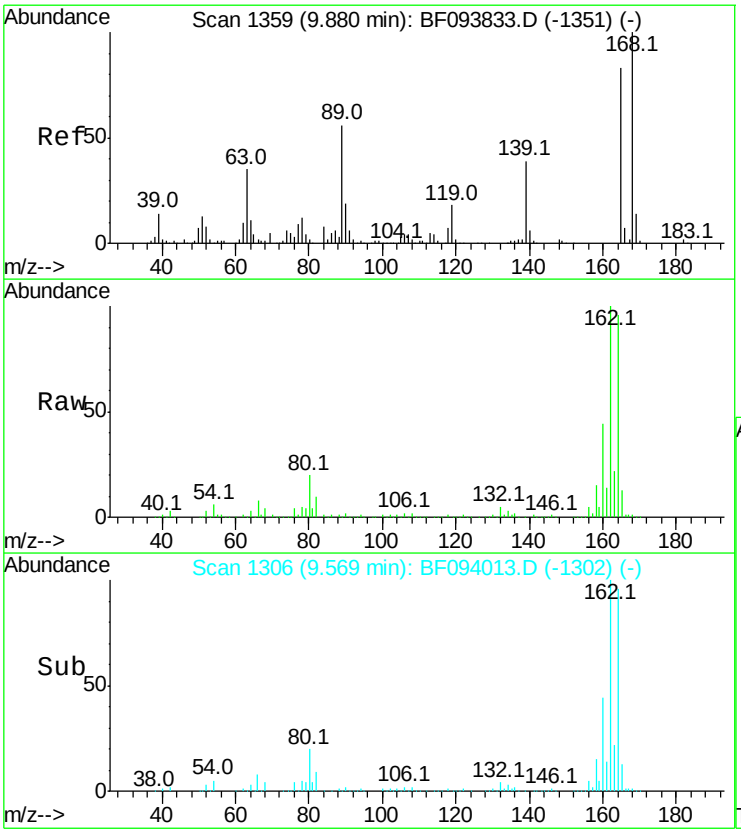
#49
Dimethylphthalate
Concen: 5.42 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:163 Resp: 119469

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

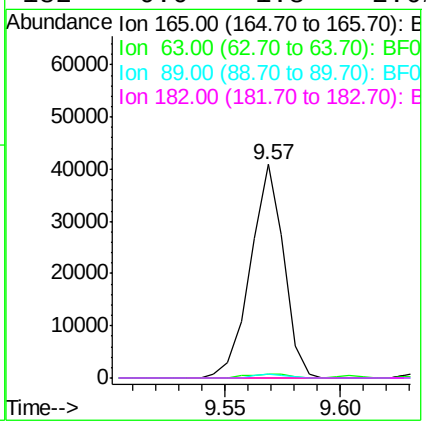


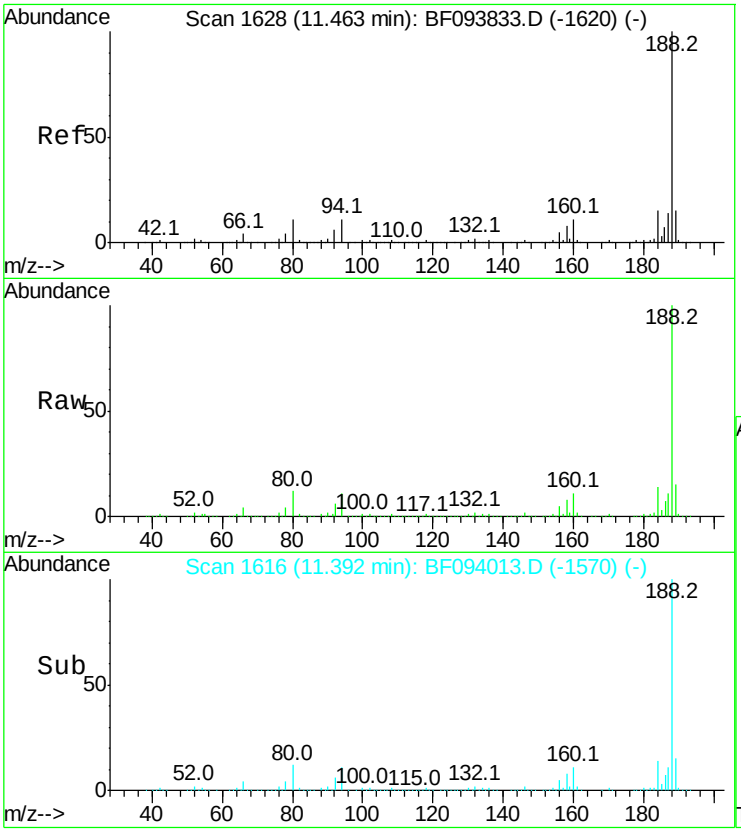


#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.28 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:165 Resp: 41243

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



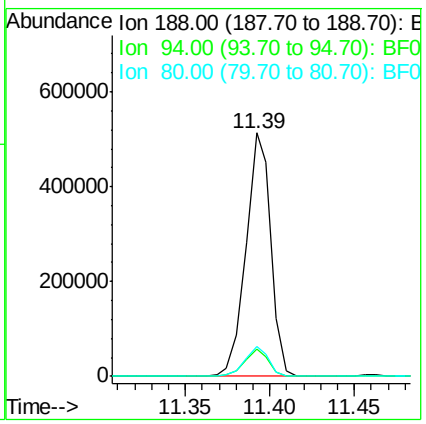


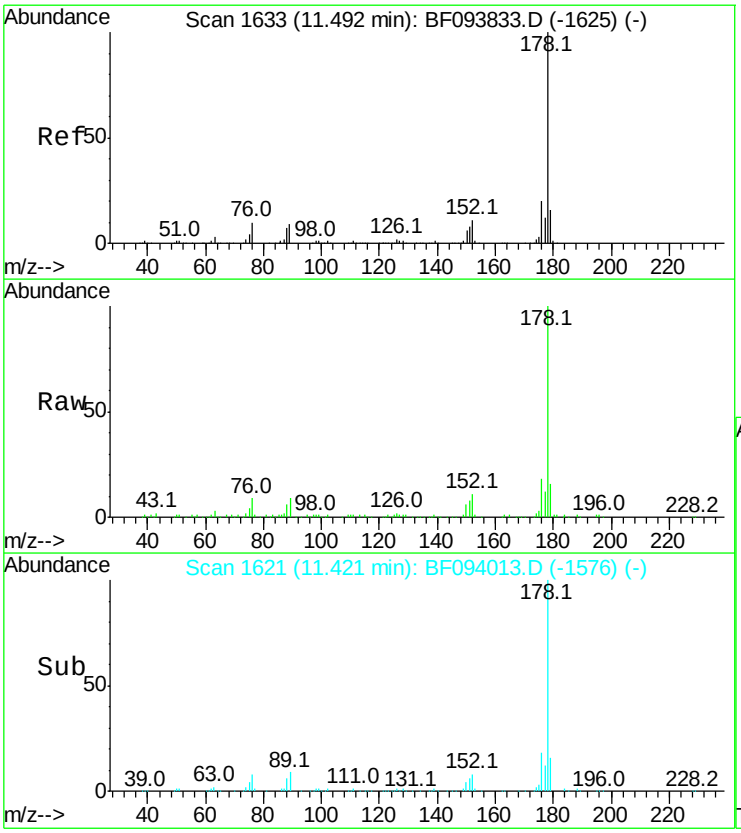
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:188 Resp: 525862

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	12.1	10.2	15.2

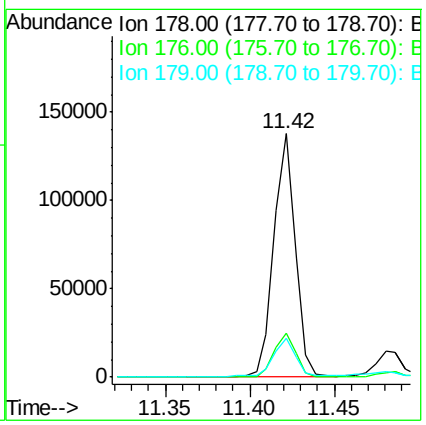


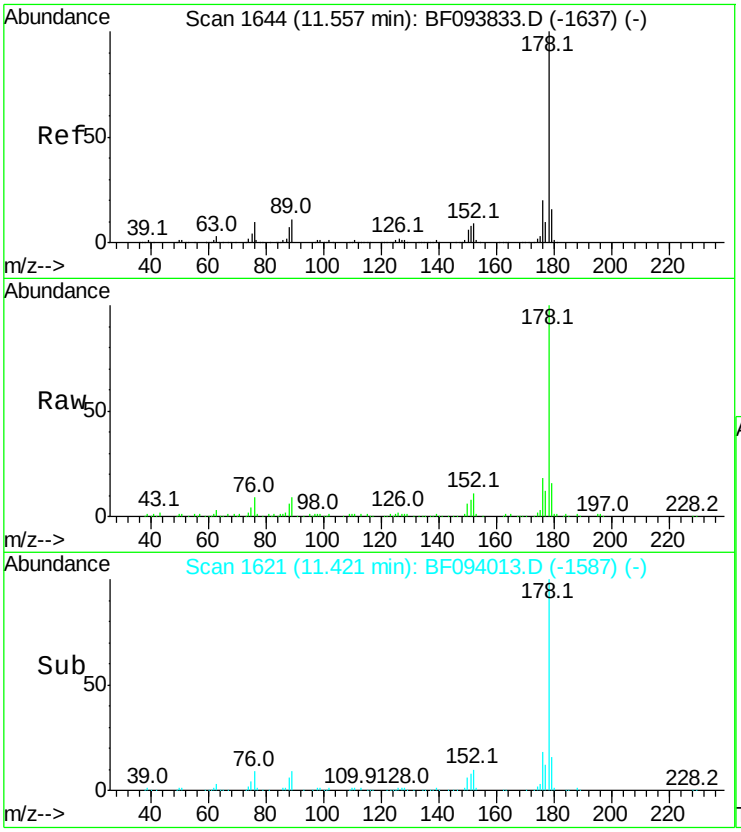


#70
Phenanthrene
Concen: 4.16 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:178 Resp: 121594

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	15.9	12.6	19.0



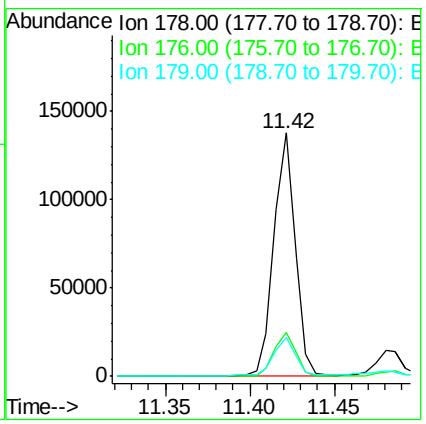


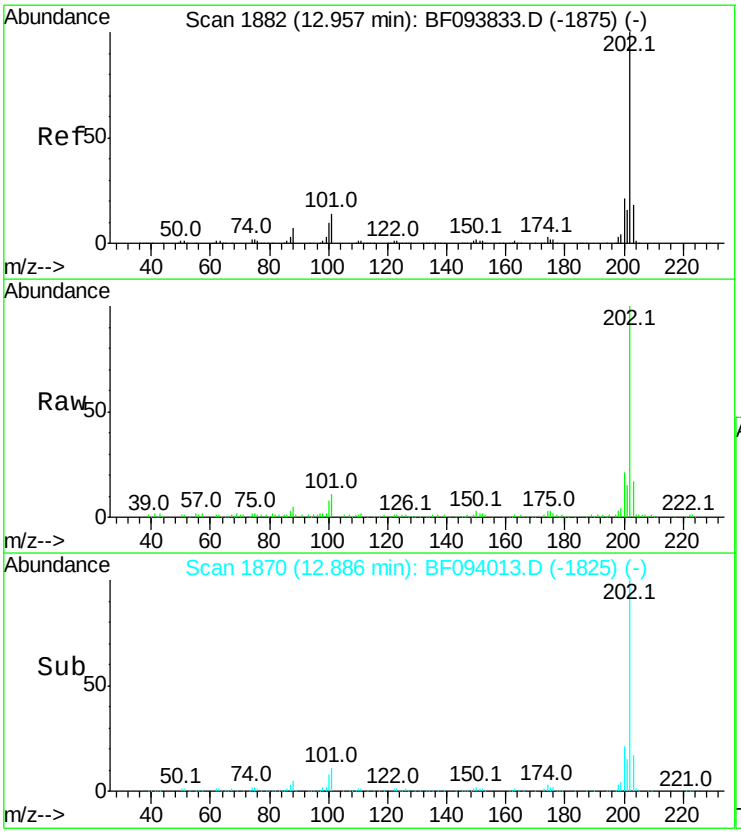
#71
Anthracene
Concen: 4.04 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.10 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:178 Resp: 121594

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.9	12.7	19.1

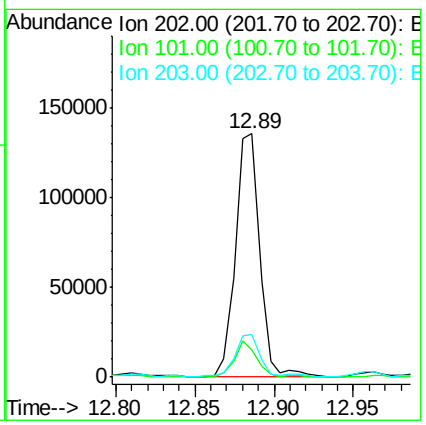


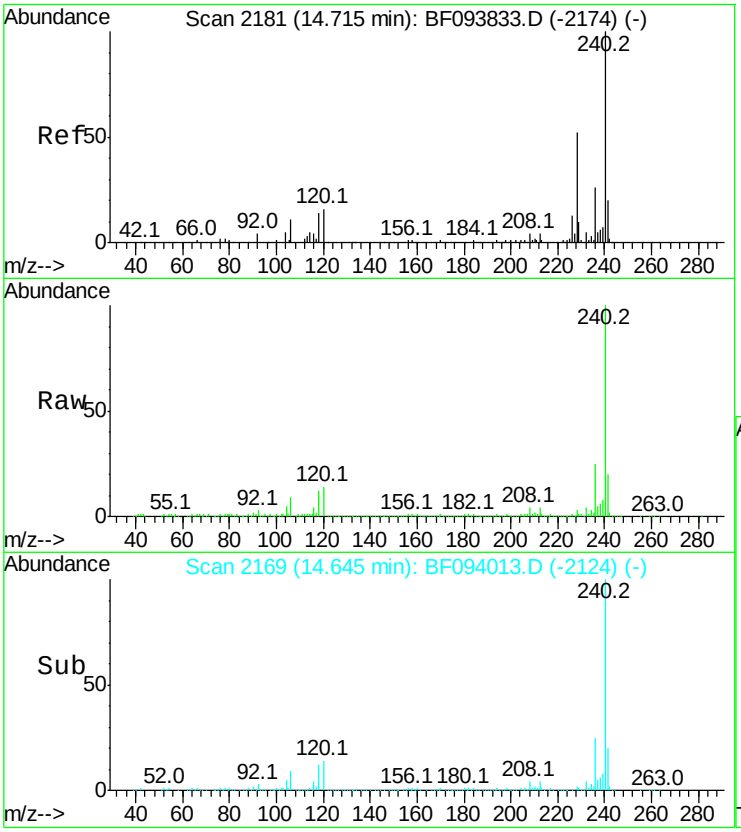


#74
Fluoranthene
Concen: 4.83 ng
RT: 12.89 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:202 Resp: 144793

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.4	0.0	38.1



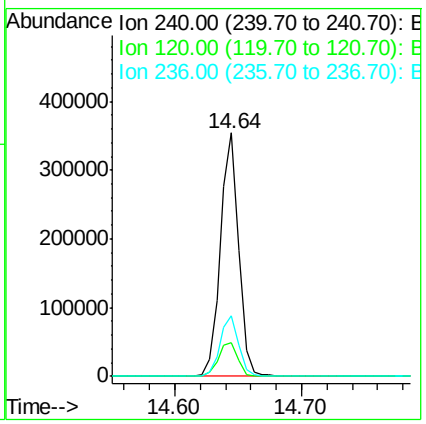


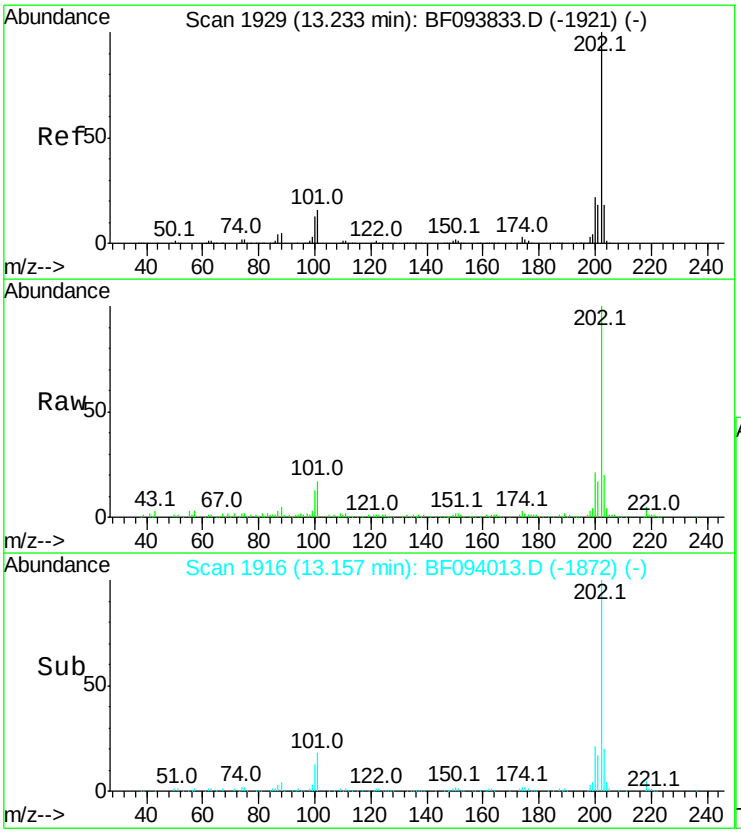
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:240 Resp: 354911

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.1	20.5	30.7

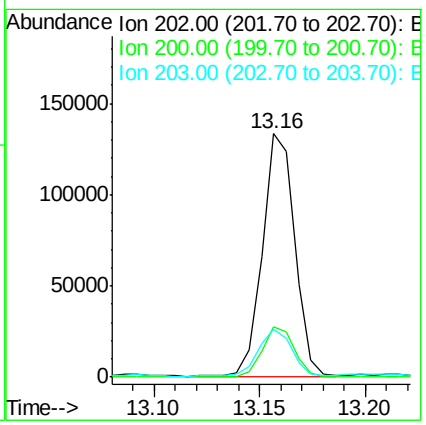


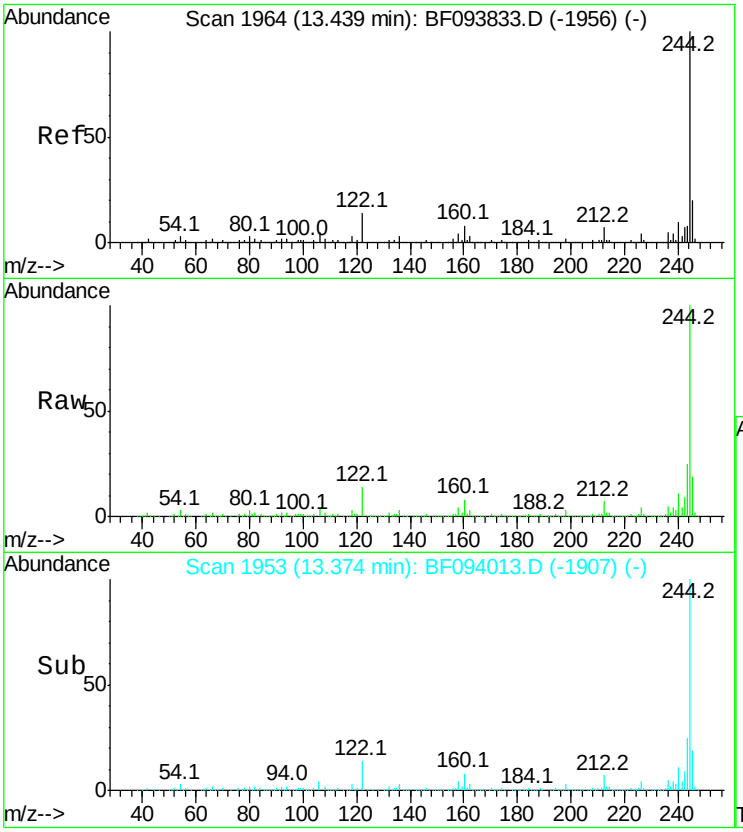


#77
Pyrene
Concen: 5.47 ng
RT: 13.16 min Scan# 1916
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:202 Resp: 140989

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.7	14.4	21.6



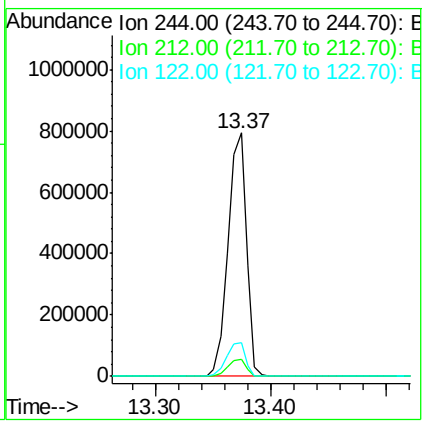


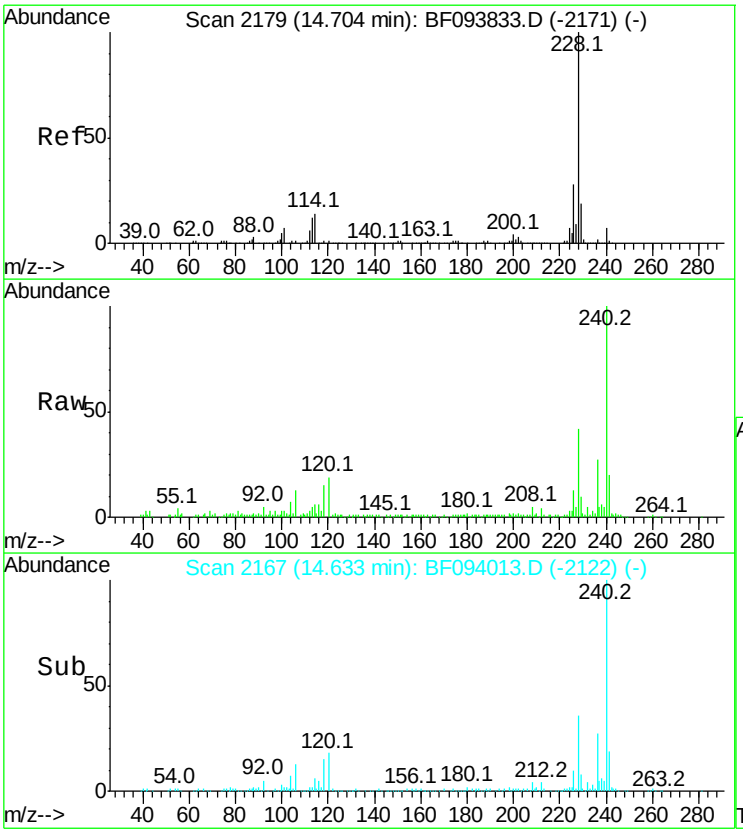
#78
Terphenyl-d14
Concen: 55.28 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:244 Resp: 875335

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.6	10.3	15.5

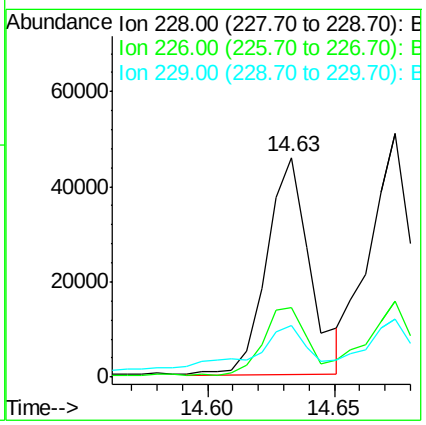


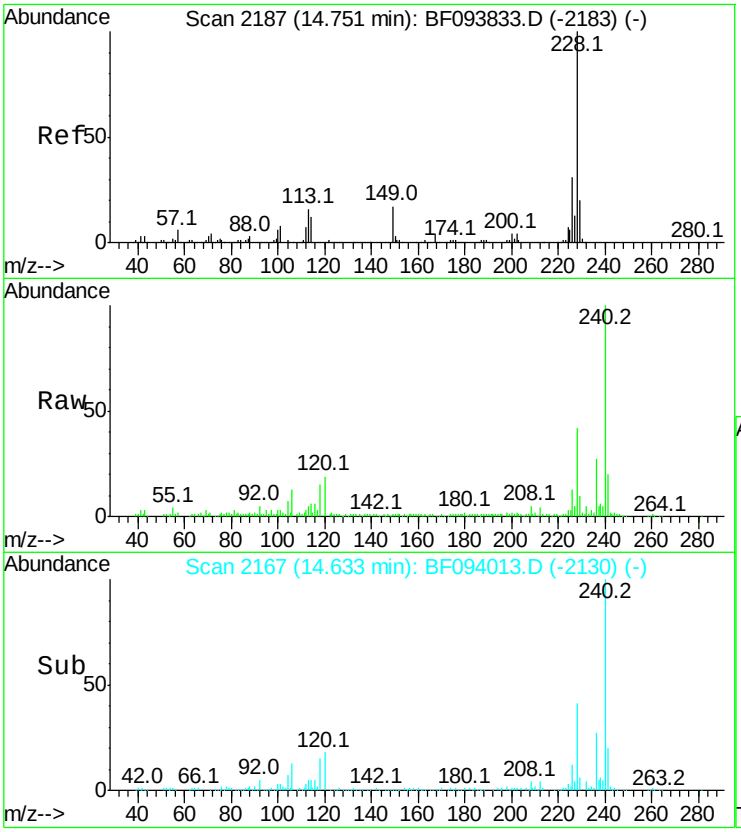


#80
Benzo(a)anthracene
Concen: 2.62 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:228 Resp: 54171

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	23.4	16.3	24.5



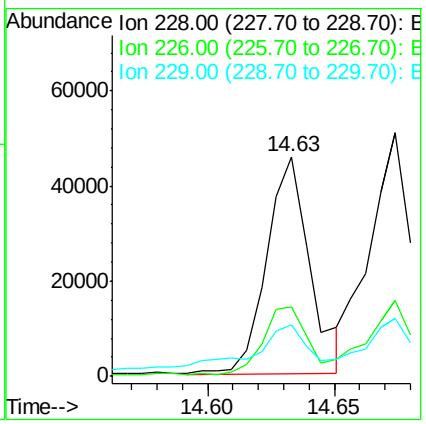


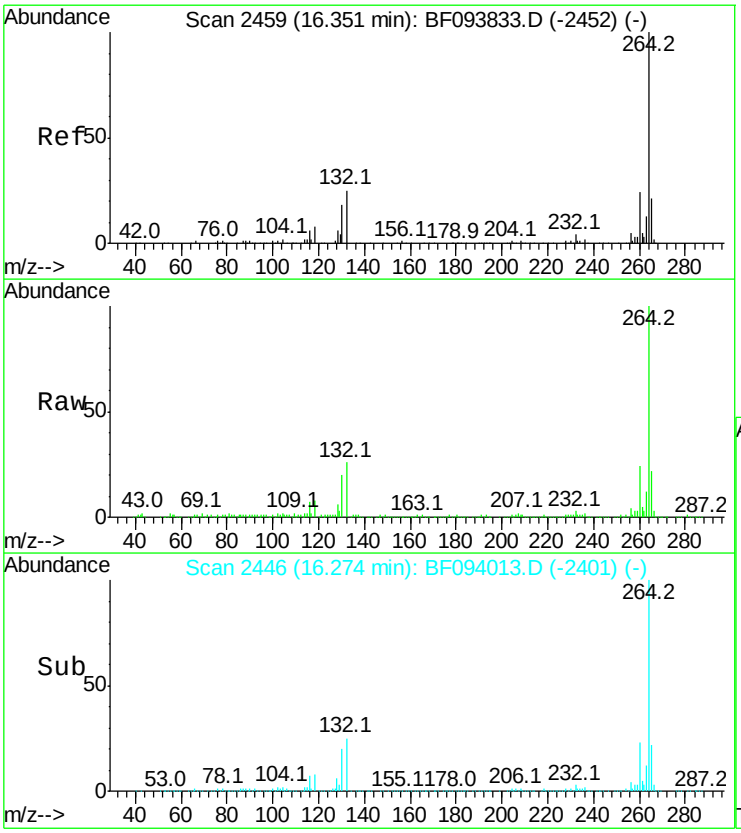
#82
Chrysene
Concen: 2.82 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.08 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:228 Resp: 54171

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	23.4	15.8	23.6

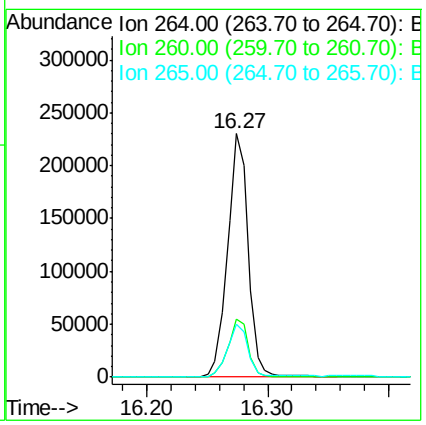


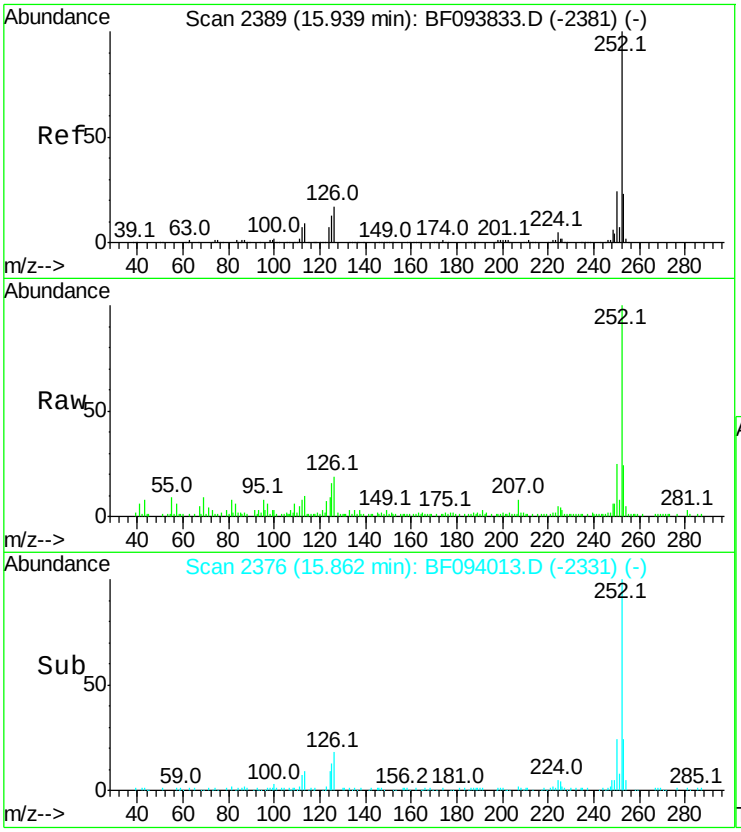


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:264 Resp: 274233

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.8	17.2	25.8



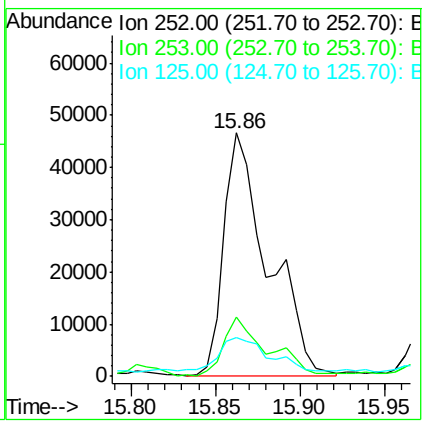


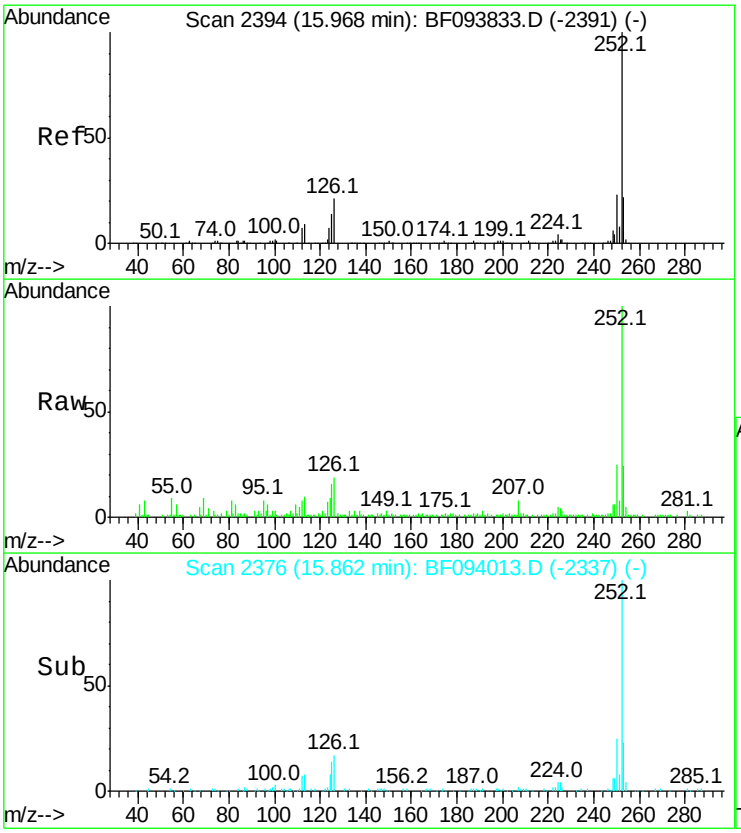
#87
Benzo(b)fluoranthene
Concen: 5.08 ng
RT: 15.86 min Scan# 2376
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:252 Resp: 85470

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.7	9.8	14.8#

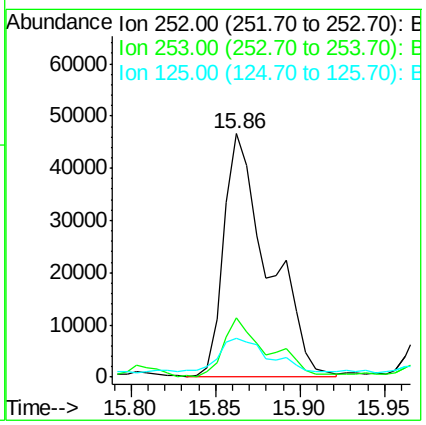


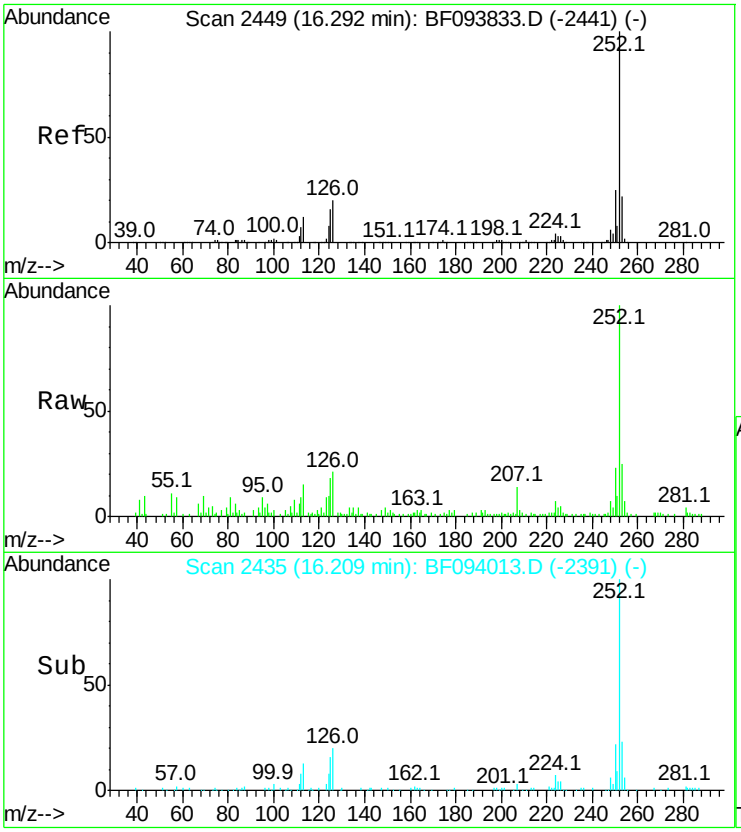


#88
Benzo(k)fluoranthene
Concen: 5.20 ng
RT: 15.86 min Scan# 2376
Delta R.T. -0.07 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:252 Resp: 85470

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	15.7	13.1	19.7



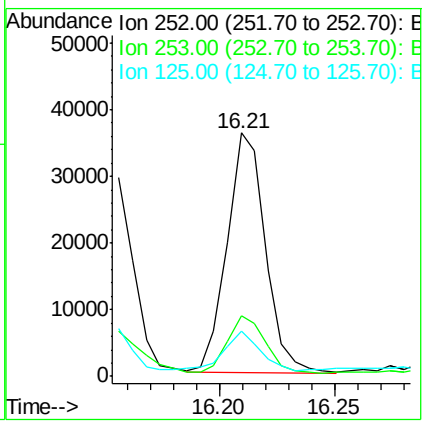


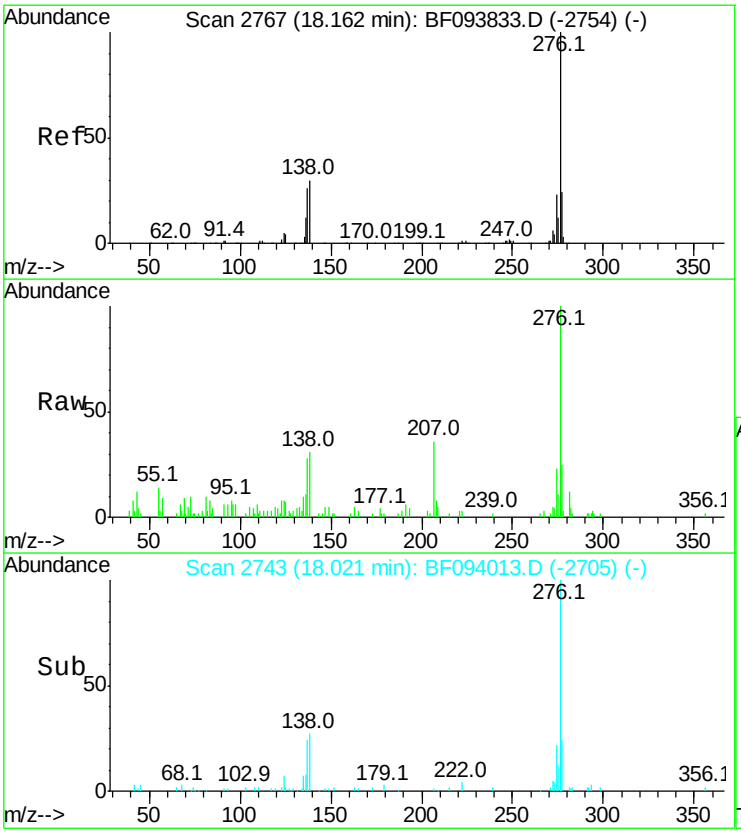
#89
Benzo(a)pyrene
Concen: 2.69 ng
RT: 16.21 min Scan# 2435
Delta R.T. -0.04 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Instrument :
BNA_F
ClientSampleId :
E2-S13-BASE

Tgt Ion:252 Resp: 41614

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	18.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.57 ng
RT: 18.02 min Scan# 2743
Delta R.T. -0.08 min
Lab File: BF094013.D
Acq: 29 Mar 2017 00:44

Tgt Ion:276 Resp: 33986

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	31.4	25.4	38.0