Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094500.D
Acq On : 18 Apr 2017 21:37
Operator : SJ/MA
Sample : I2708-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 19 01:16:48 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	123643	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	499573	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	201325	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	383605	20.00	ng		0.00
75) Chrysene-d12	14.46	240	288262	20.00	ng		0.00
86) Perylene-d12	16.09	264	277878	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	749535	100.57	ng		0.02
7) Phenol-d6	5.40	99	940329	107.03	ng		0.00
23) Nitrobenzene-d5	6.42	82	574000	70.95	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	179913	114.25	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1034090	75.57	ng		0.00
78) Terphenyl-d14	13.19	244	779937	72.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	5.41	94	23318	2.16	ng		97
19) n-Nitroso-di-n-propylamine	6.42	70	75692	13.00	ng	#	75
20) 3+4-Methylphenols	6.27	107	35414	3.90	ng	#	61
31) Naphthalene	7.29	128	64477	2.68	ng		98
32) Benzoic acid	7.04	122	47919	12.19	ng	#	21
37) 2-Methylnaphthalene	8.13	142	50369	3.07	ng		97
49) Dimethylphthalate	9.09	163	375375	25.02	ng		98
53) 2,4-Dinitrophenol	9.77	184	258	5.89	ng	#	4
55) 4-Nitrophenol	9.65	139	7484	2.72	ng	#	35
70) Phenanthrene	11.24	178	66730	3.09	ng		99
71) Anthracene	11.24	178	66730	2.99	ng		99
74) Fluoranthene	12.71	202	53722	2.40	ng		98
77) Pyrene	12.98	202	57782	2.87	ng		98
80) Benzo(a)anthracene	14.45	228	35253	2.10	ng	#	89
82) Chrysene	14.45	228	35253	2.30	ng		92
85) Indeno(1,2,3-cd)pyrene	17.35	276	37455	2.57	ng		92
87) Benzo(b)fluoranthene	15.68	252	99292	5.84	ng	#	95
88) Benzo(k)fluoranthene	15.68	252	99292	6.17	ng		98
89) Benzo(a)pyrene	16.02	252	46488	2.94	ng	#	96
91) Benzo(g,h,i)perylene	17.73	276	36620	2.74	ng		99

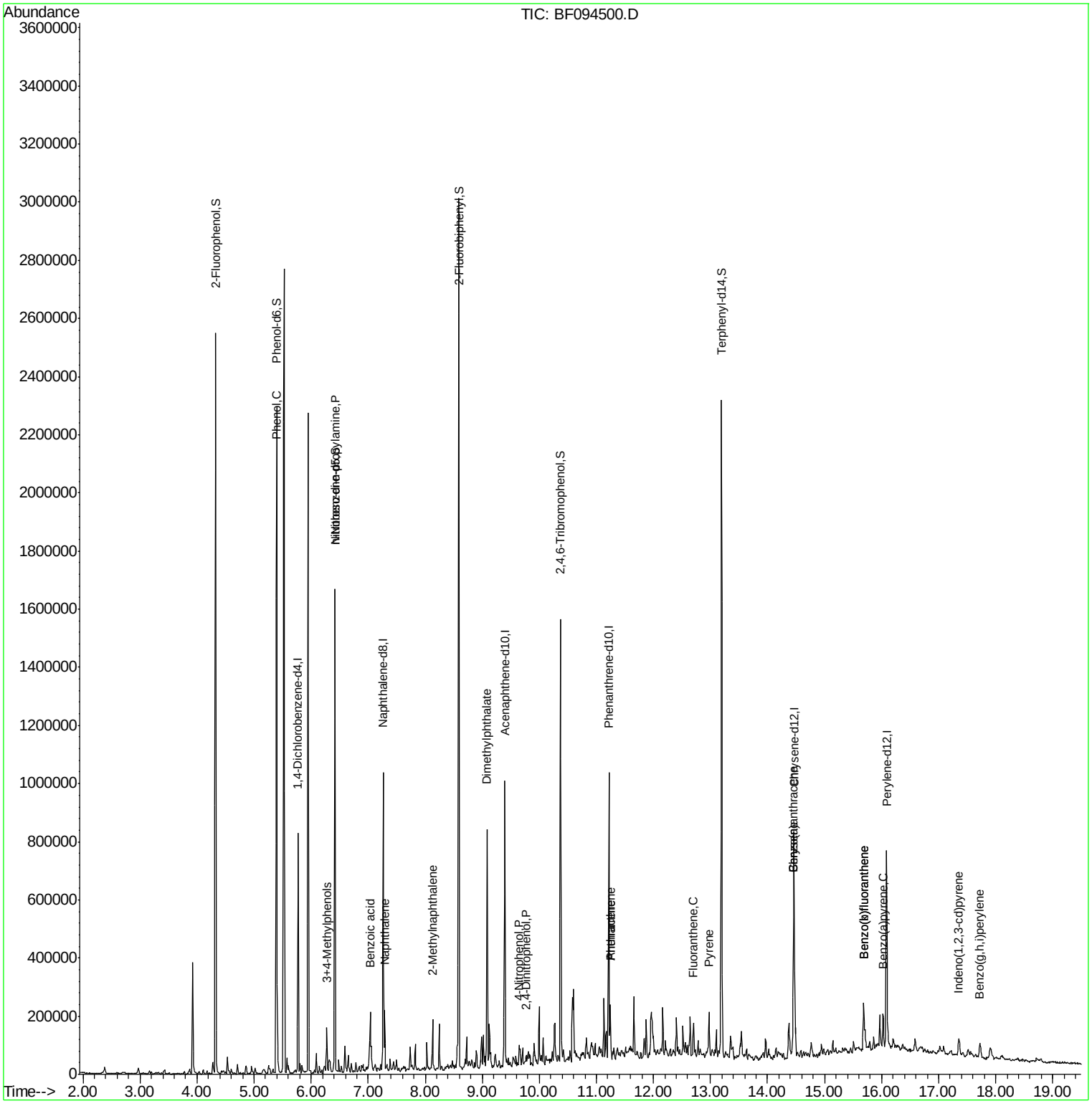
(#) = qualifier out of range (m) = manual integration (+) = signals summed

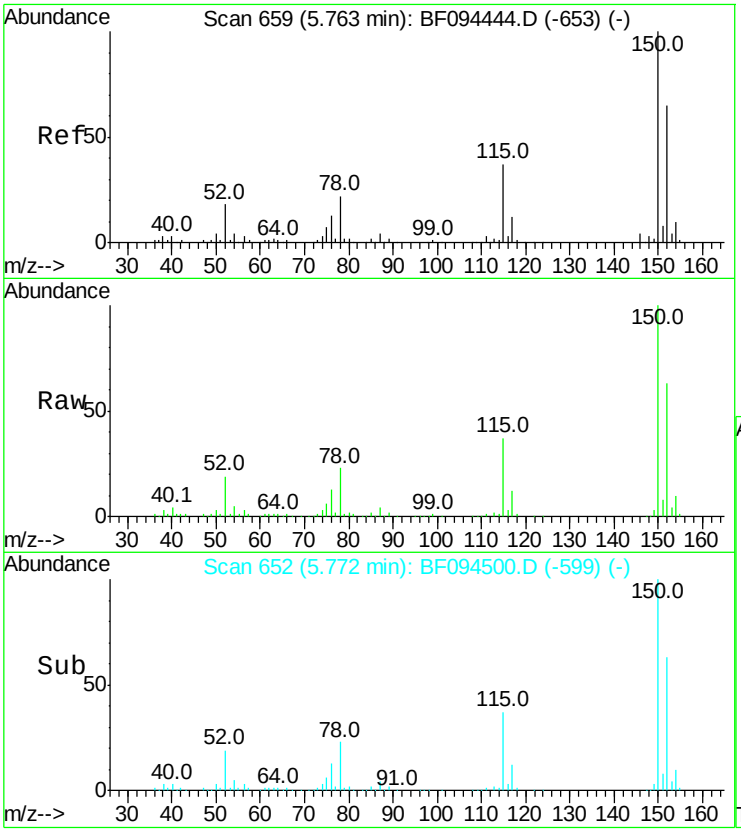
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094500.D
Acq On : 18 Apr 2017 21:37
Operator : SJ/MA
Sample : I2708-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 19 01:16:48 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



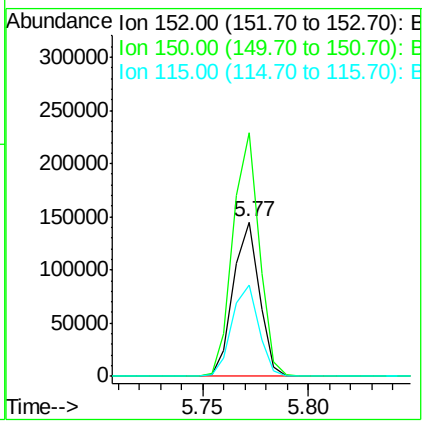


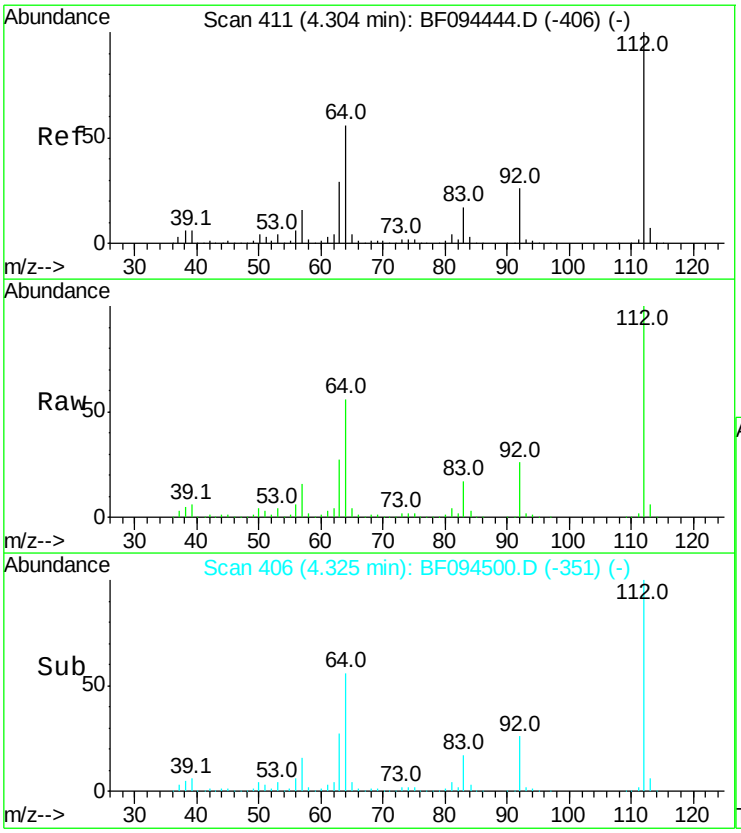
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123643

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	59.0	52.2	78.2

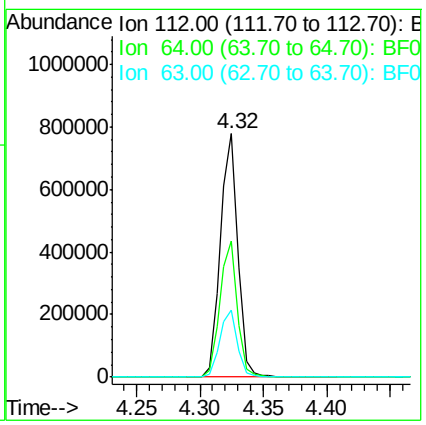


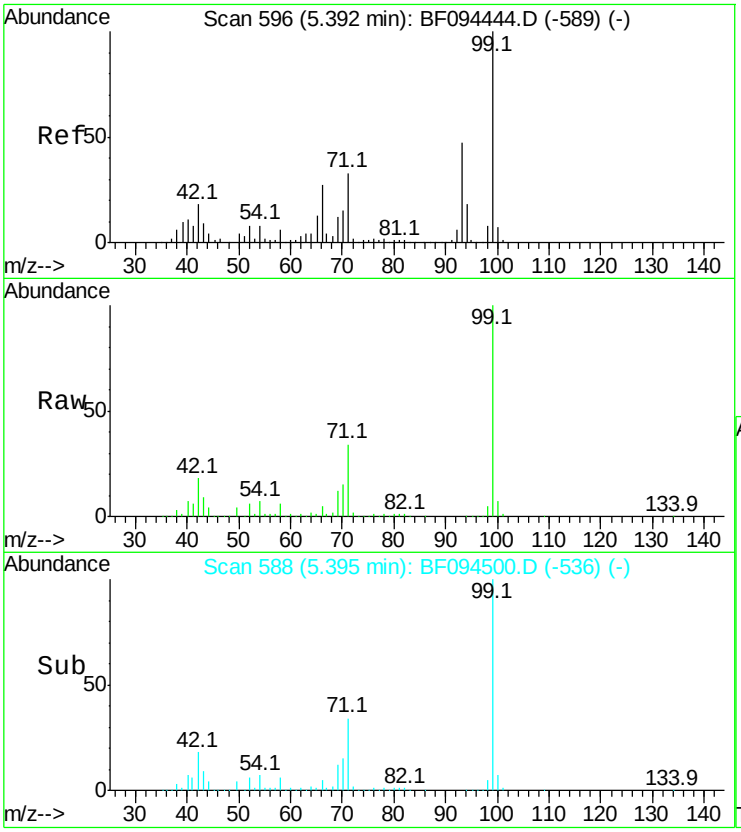


#5
2-Fluorophenol
Concen: 100.57 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:112 Resp: 749535

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	27.4	23.4	35.0



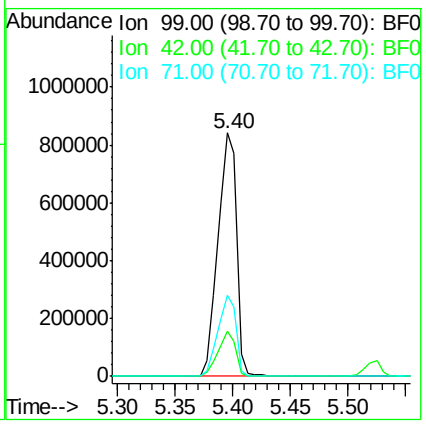


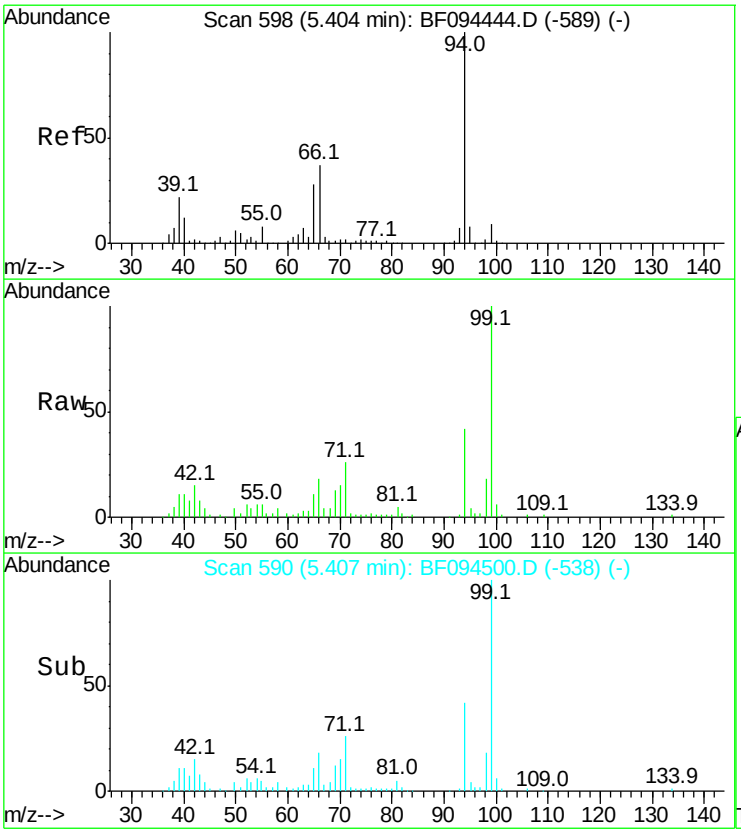
#7
Phenol-d6
Concen: 107.03 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 940329

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	33.5	24.5	36.7

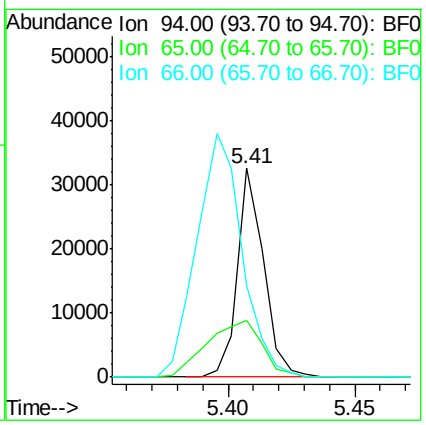


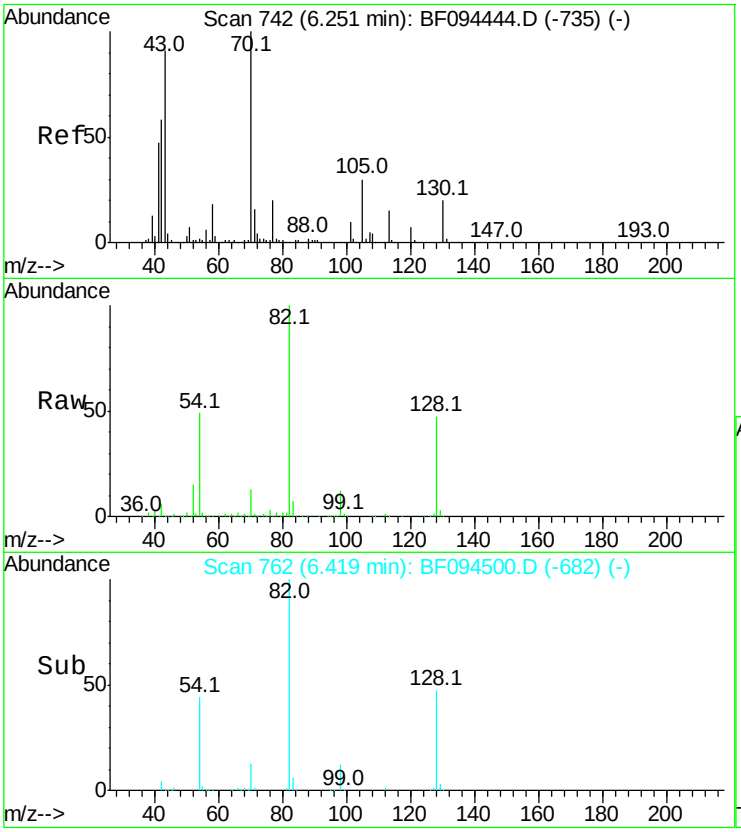


#10
Phenol
Concen: 2.16 ng
RT: 5.41 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion: 94 Resp: 23318

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	43.6	23.1	63.1



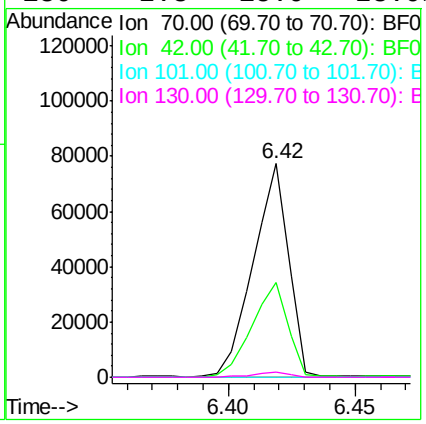


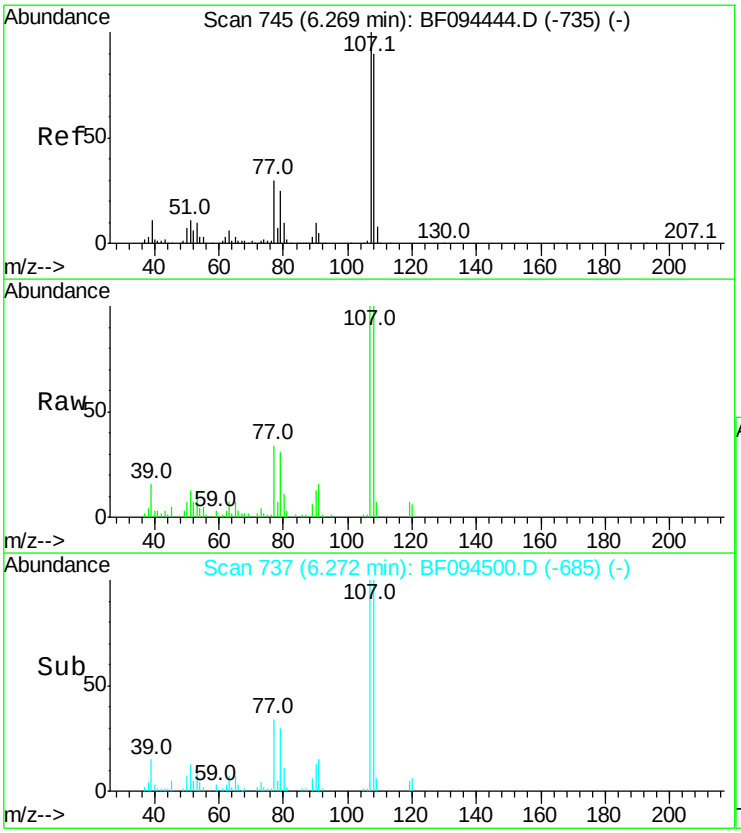
#19
n-Nitroso-di-n-propylamine
Concen: 13.00 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75692

Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

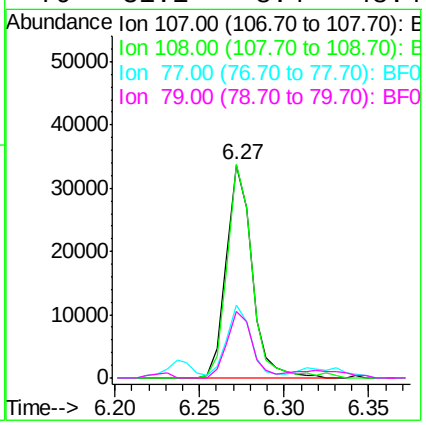


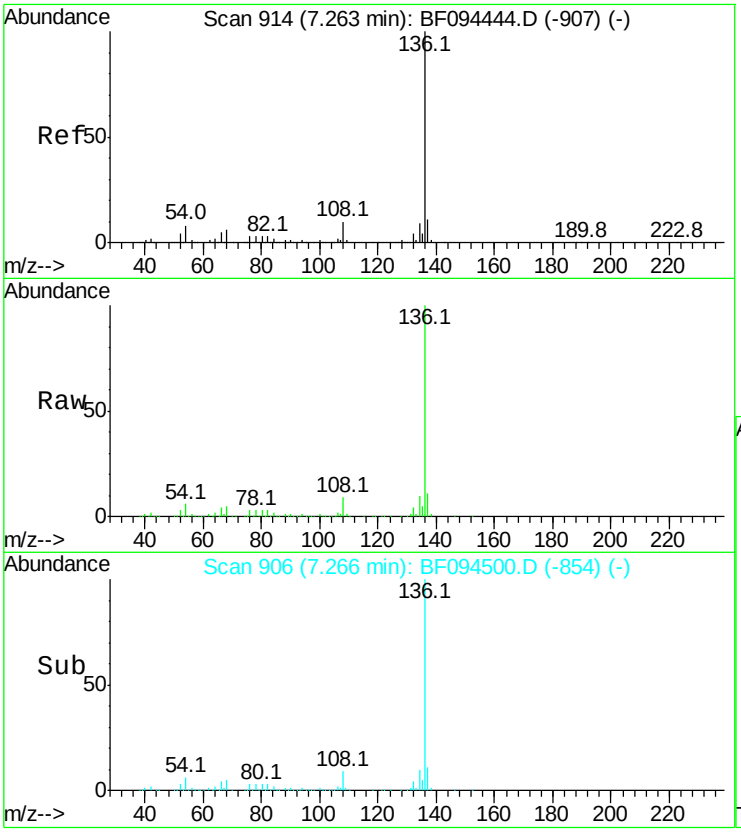


#20
3+4-Methylphenols
Concen: 3.90 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:107 Resp: 35414

Ion	Ratio	Lower	Upper
107	100		
108	100.5	71.0	111.0
77	34.1	90.5	130.5#
79	31.1	8.4	48.4



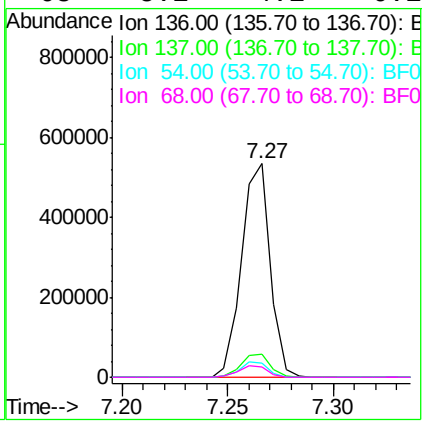


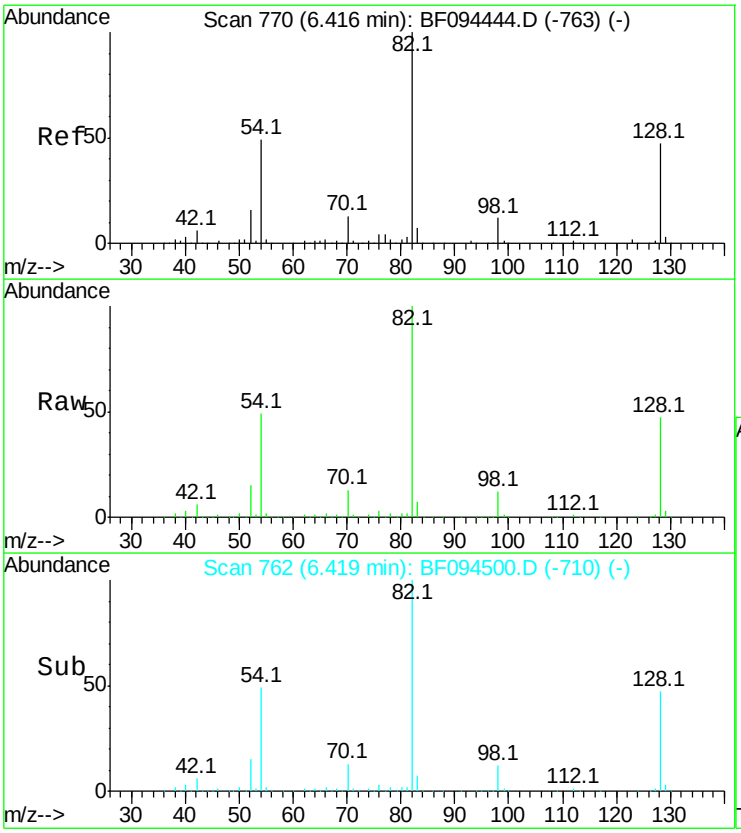
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 499573

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.5	4.9	7.3
68	5.1	4.1	6.1

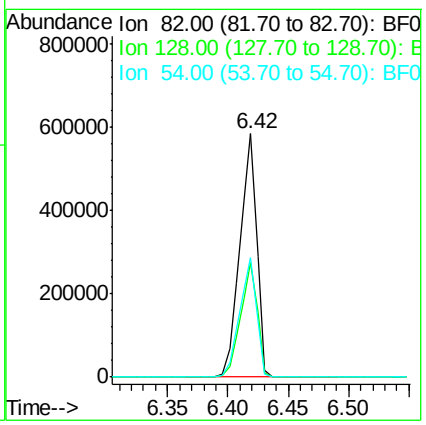


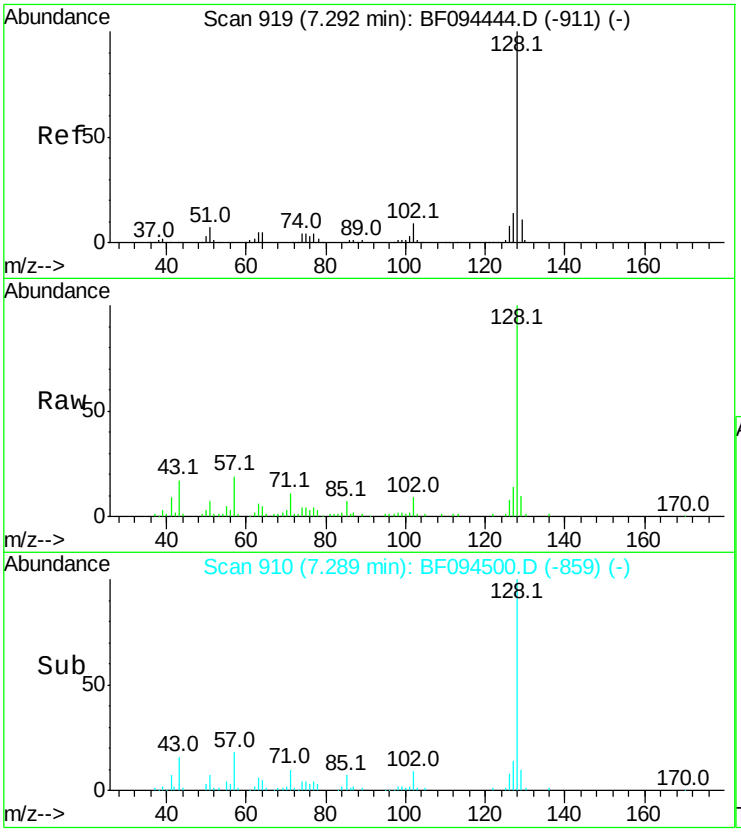


#23
Nitrobenzene-d5
Concen: 70.95 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion: 82 Resp: 574000

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	48.8	42.2	63.2



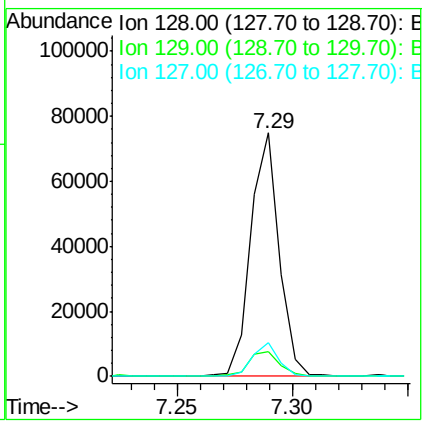


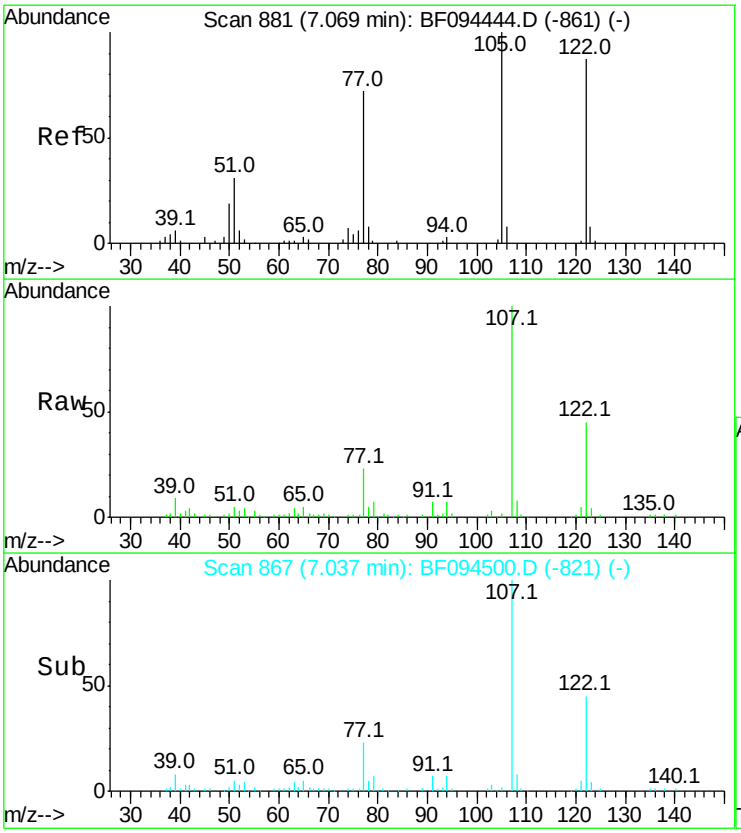
#31
Naphthalene
Concen: 2.68 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 64477

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	13.7	10.8	16.2

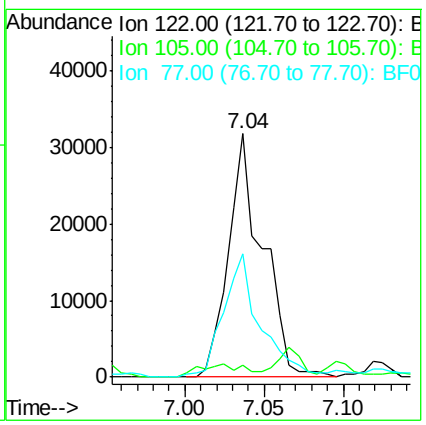


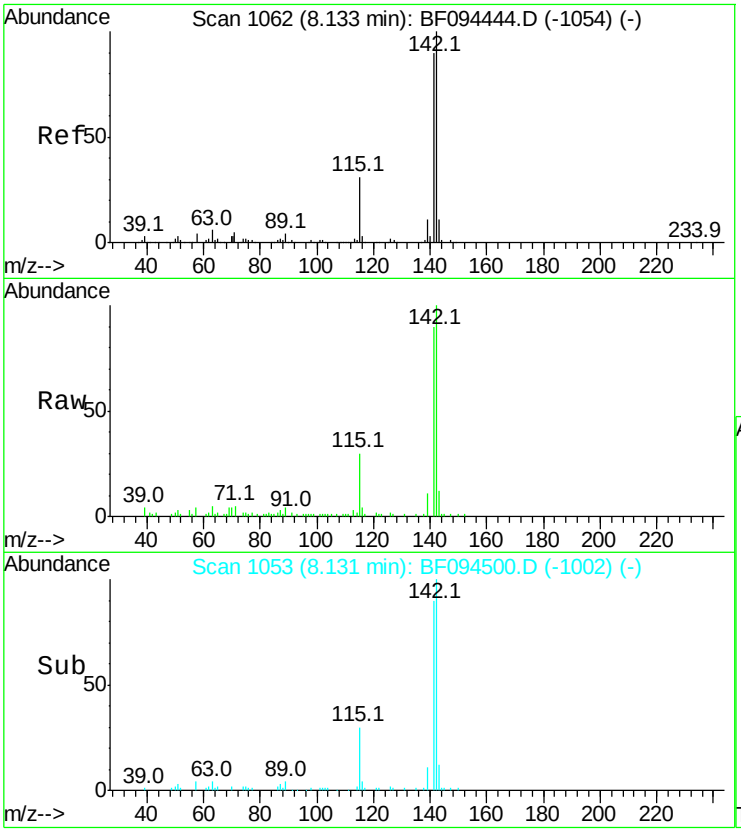


#32
Benzoic acid
Concen: 12.19 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:122 Resp: 47919

Ion	Ratio	Lower	Upper
122	100		
105	4.7	103.3	143.3#
77	50.6	73.7	113.7#



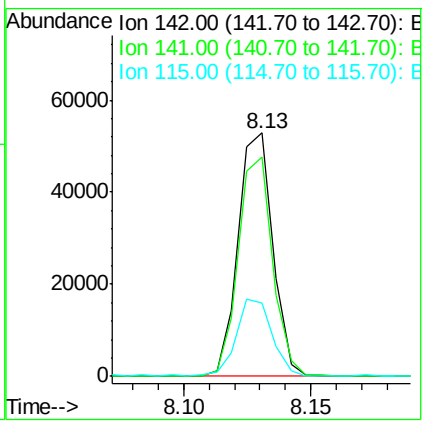


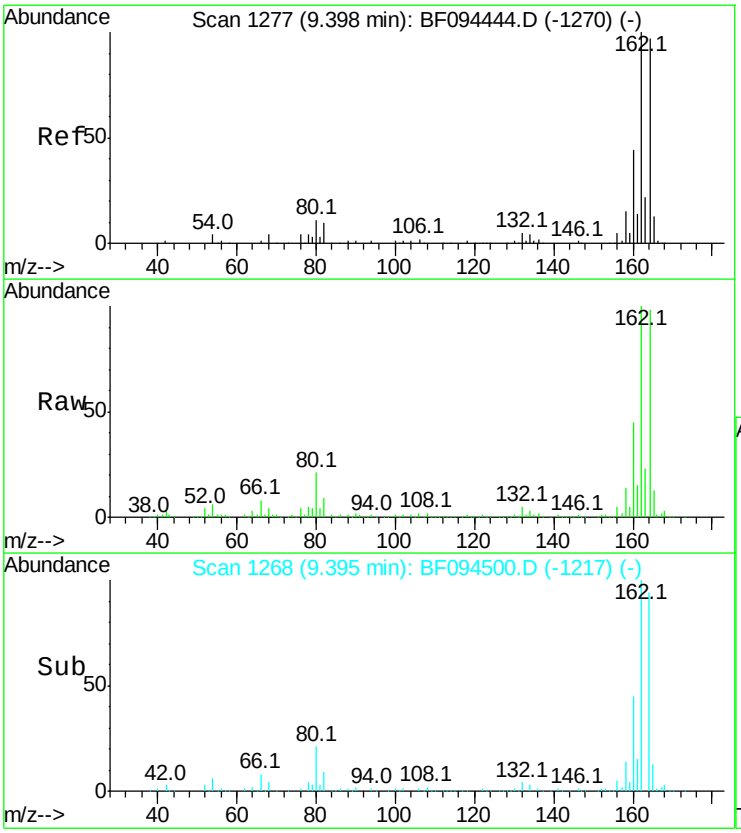
#37
2-Methylnaphthalene
Concen: 3.07 ng
RT: 8.13 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 50369

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	30.3	27.1	40.7

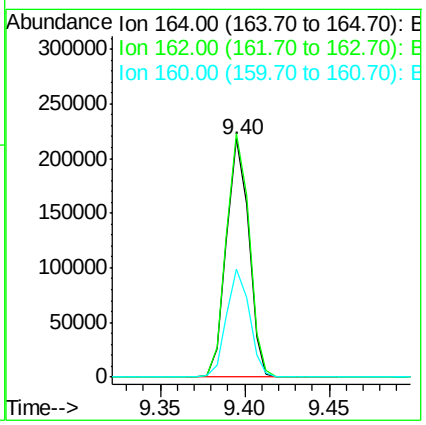


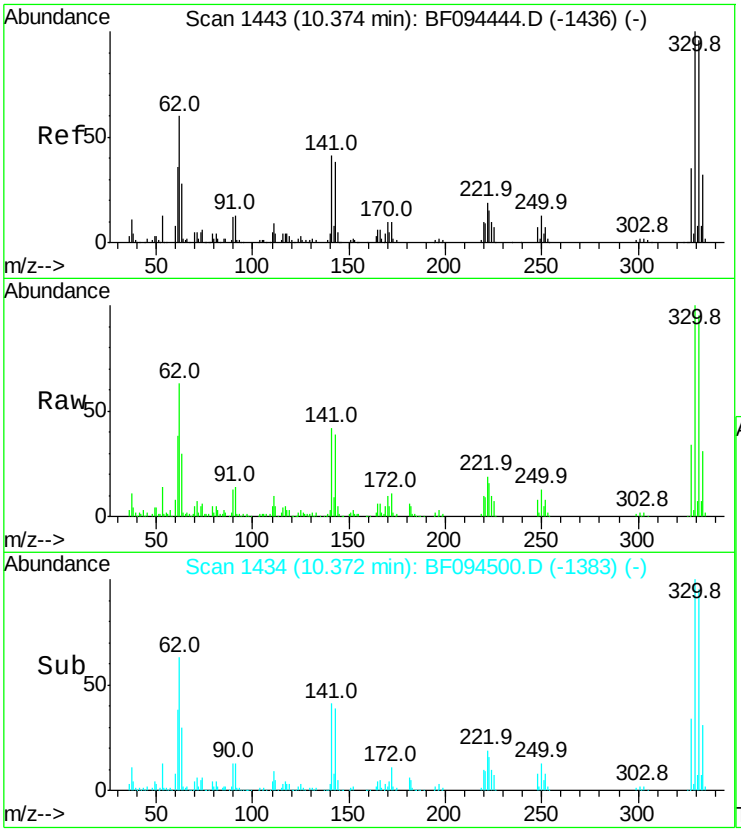


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:164 Resp: 201325

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.6	36.2	54.2



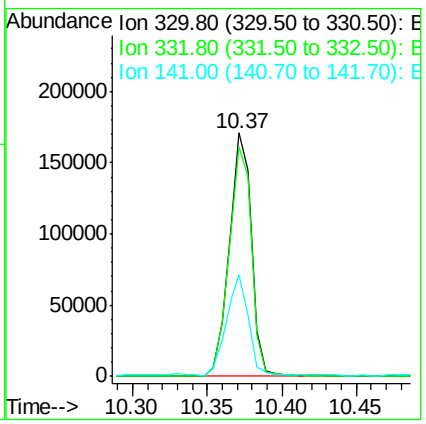


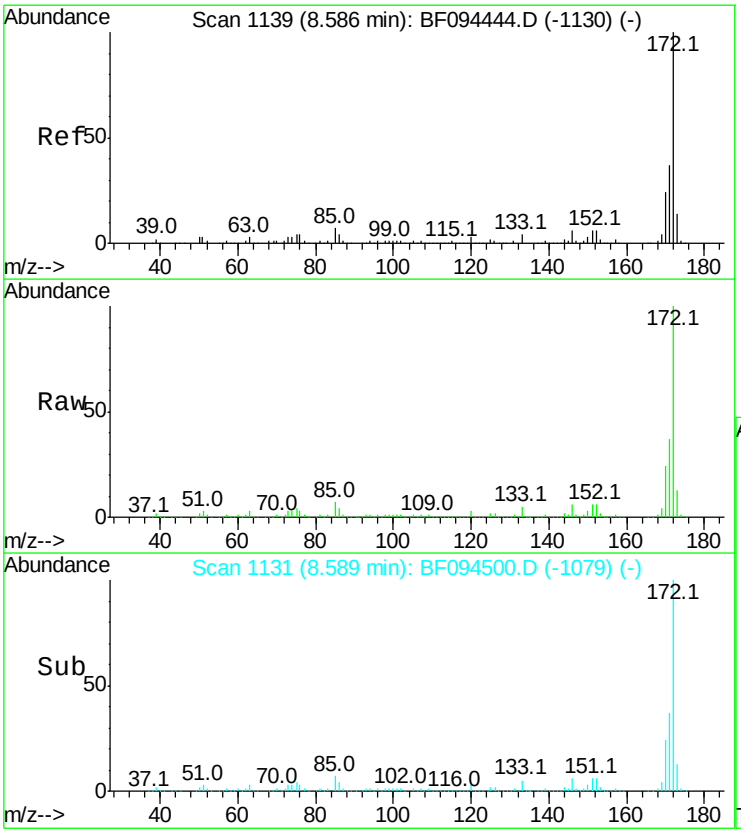
#41
2,4,6-Tribromophenol
Concen: 114.25 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 179913

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	40.3	31.4	47.2

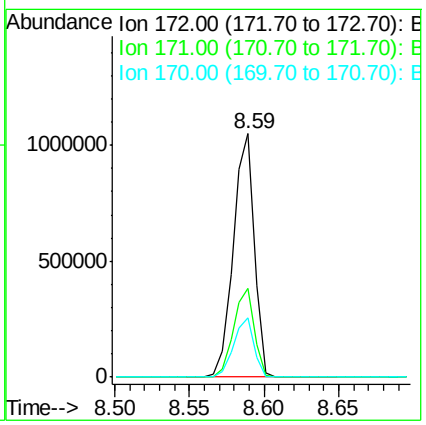


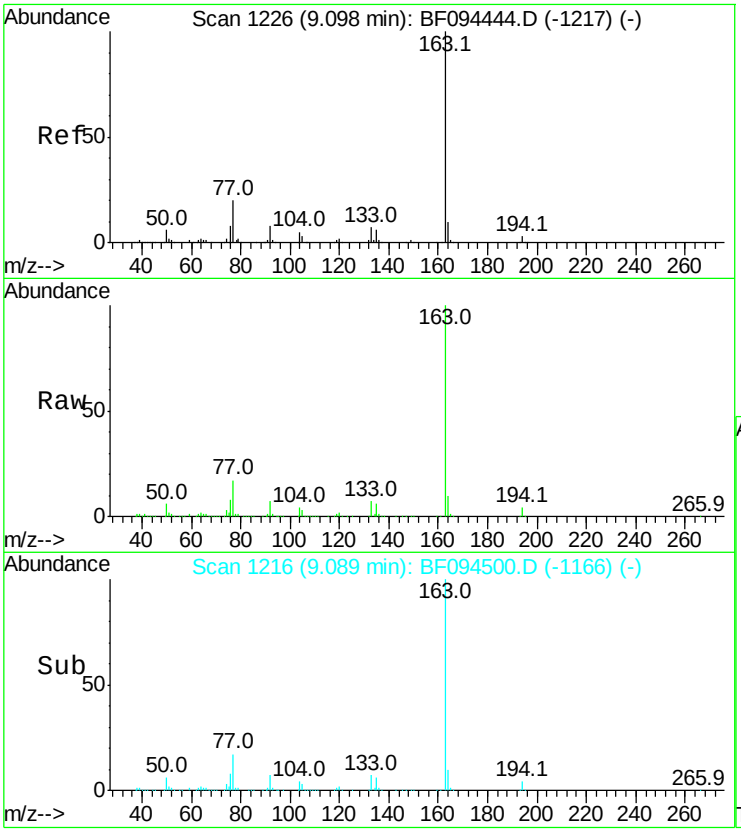


#44
2-Fluorobiphenyl
Concen: 75.57 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:172 Resp: 1034090

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8



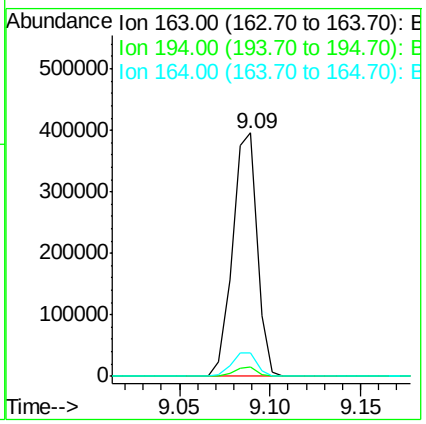


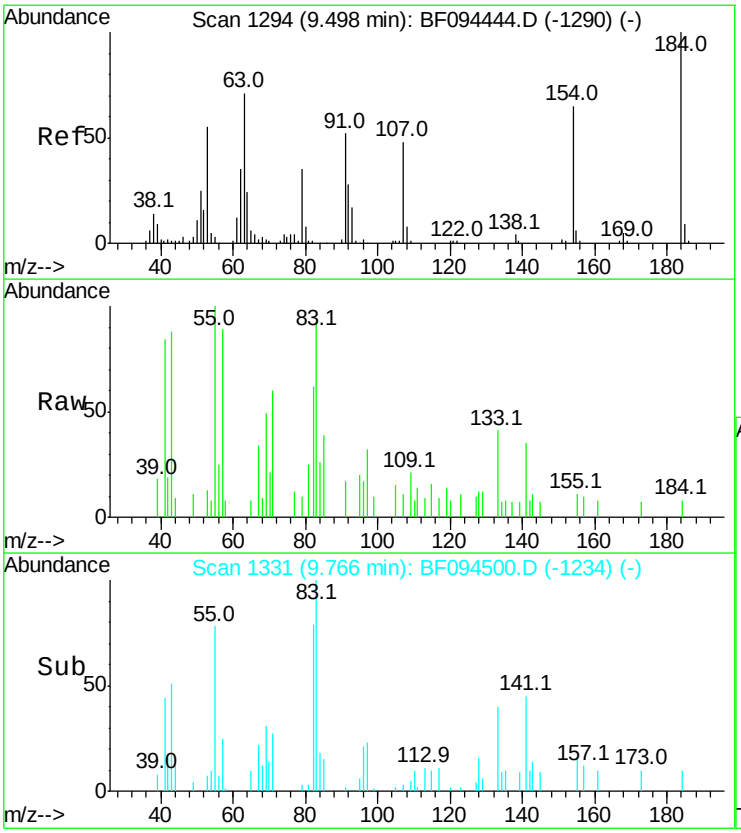
#49
Dimethylphthalate
Concen: 25.02 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 375375

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.4	12.6

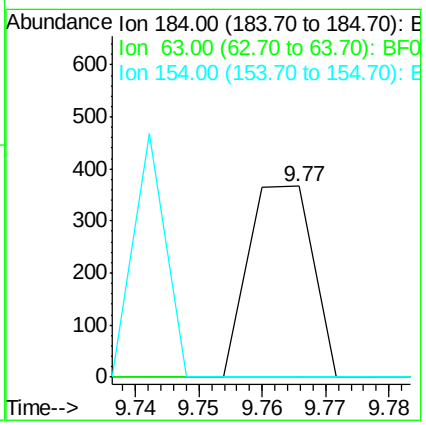


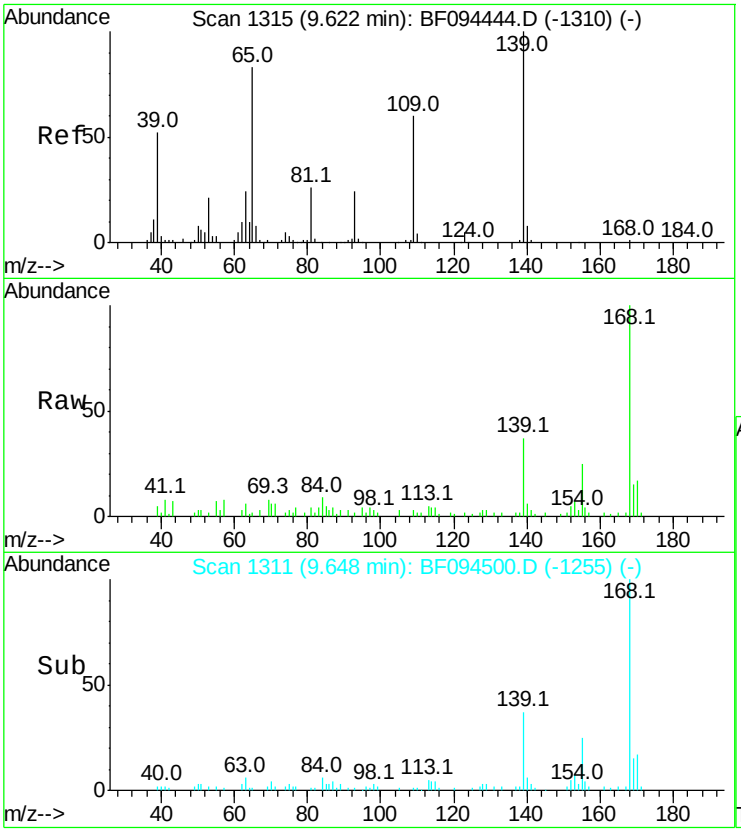


#53
2,4-Dinitrophenol
Concen: 5.89 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.27 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:184 Resp: 258

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



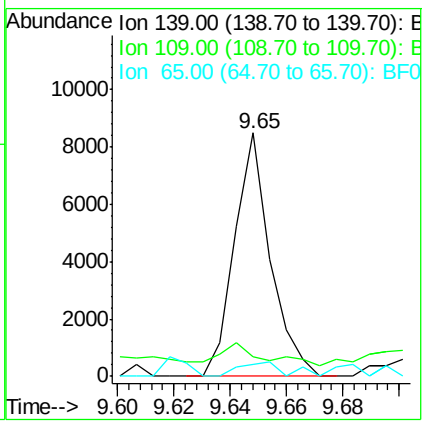


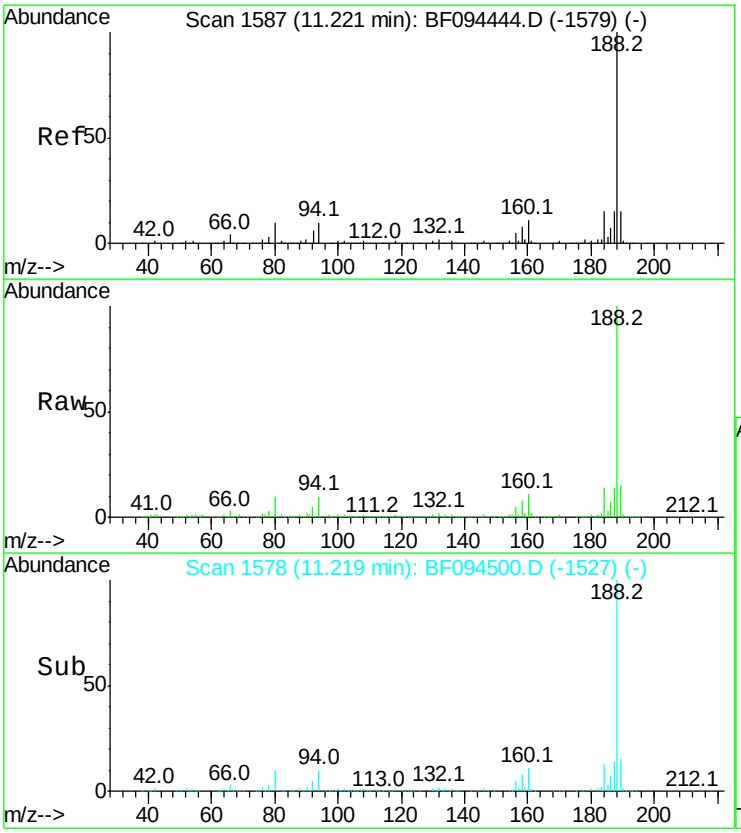
#55
4-Nitrophenol
Concen: 2.72 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 7484

Ion	Ratio	Lower	Upper
139	100		
109	7.9	34.1	74.1#
65	5.1	31.4	71.4#

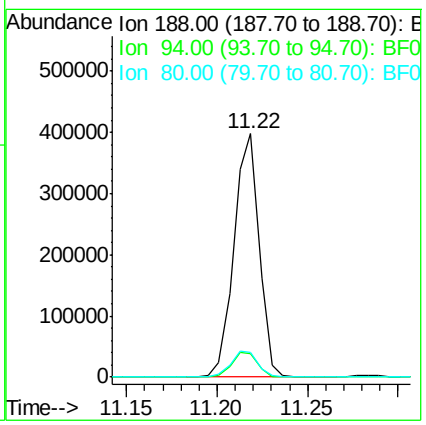


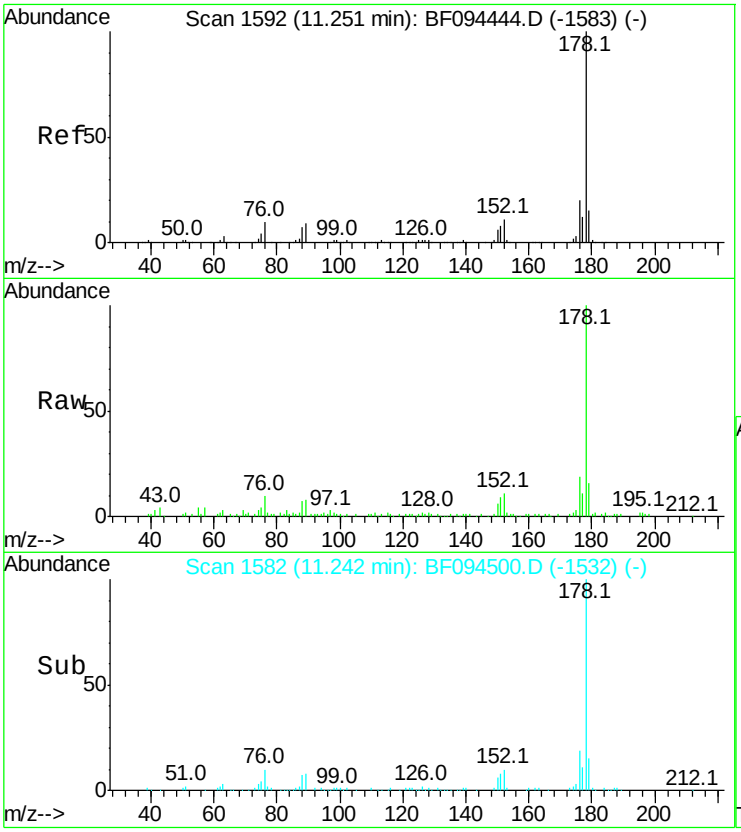


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:188 Resp: 383605

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



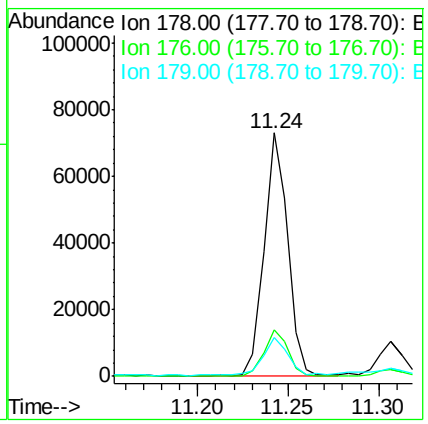


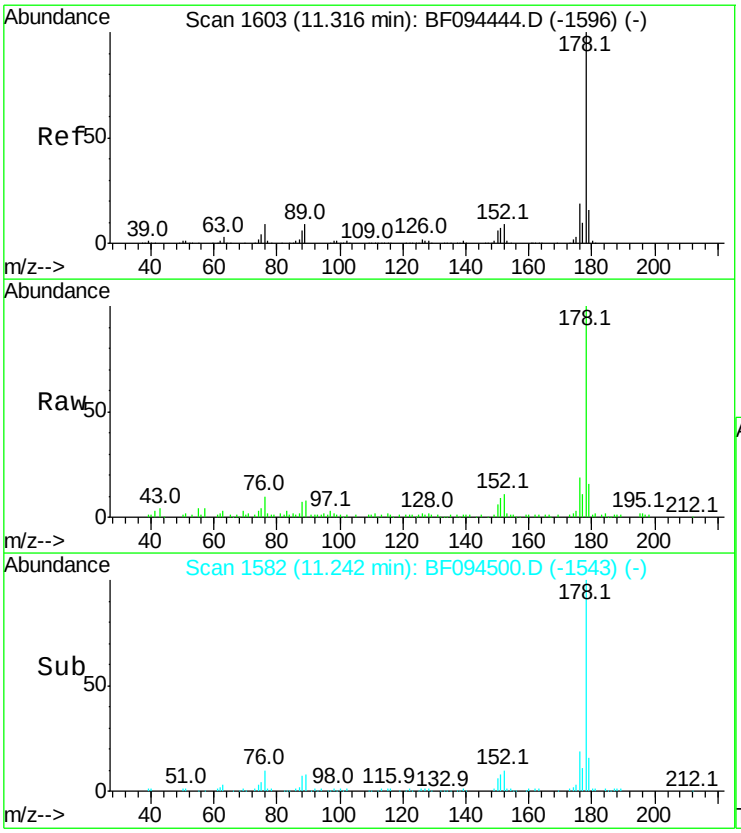
#70
Phenanthrene
Concen: 3.09 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 66730

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.8	12.6	19.0

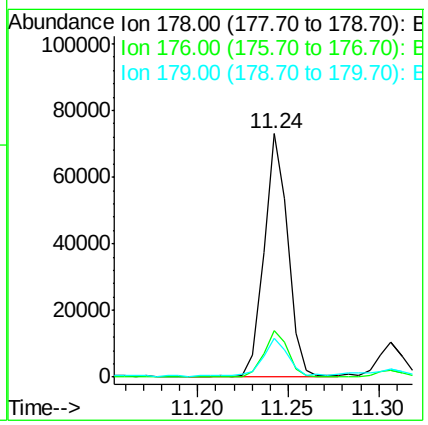


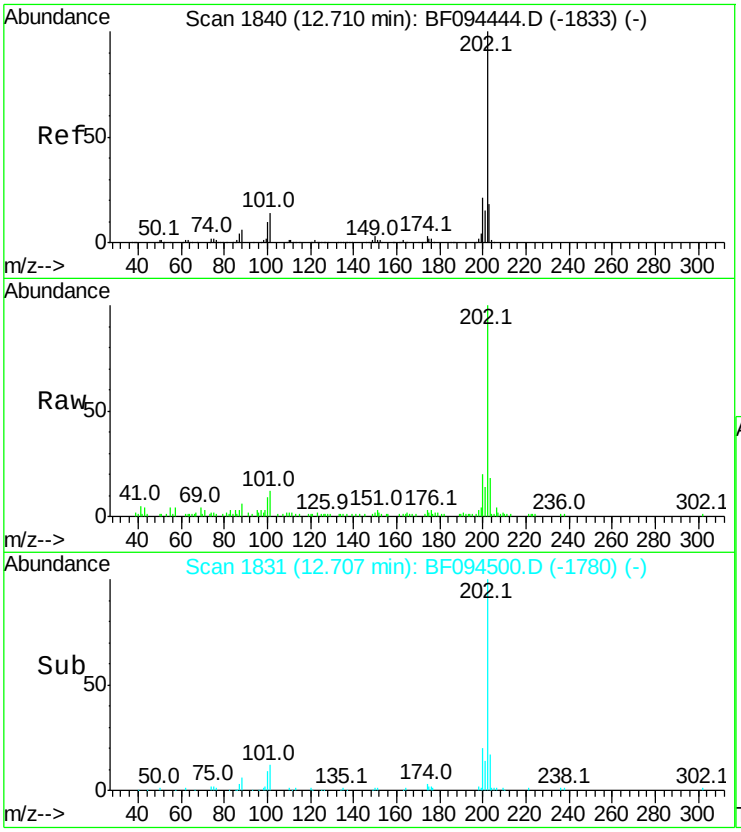


#71
Anthracene
Concen: 2.99 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.07 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:178 Resp: 66730

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	12.7	19.1



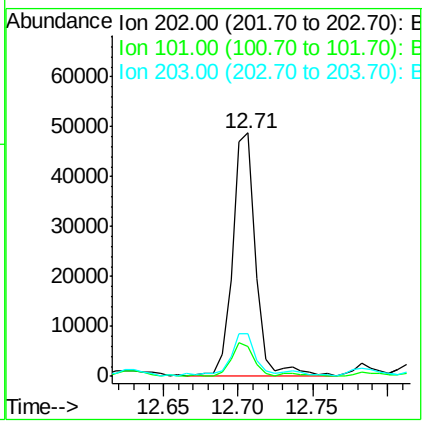


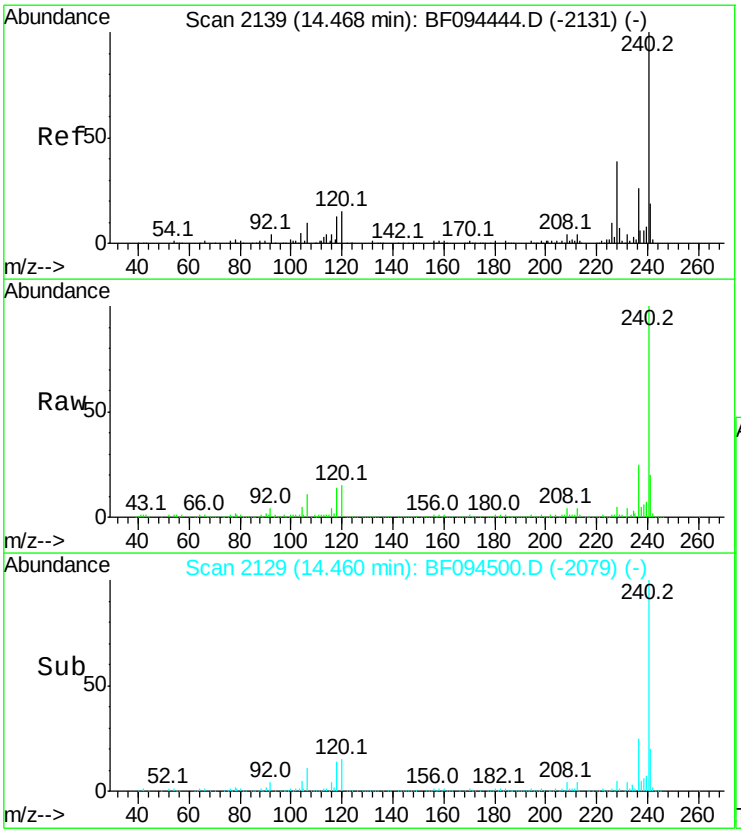
#74
Fluoranthene
Concen: 2.40 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53722

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.5	0.0	38.1

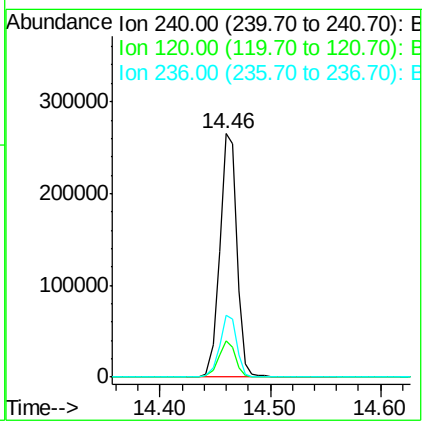


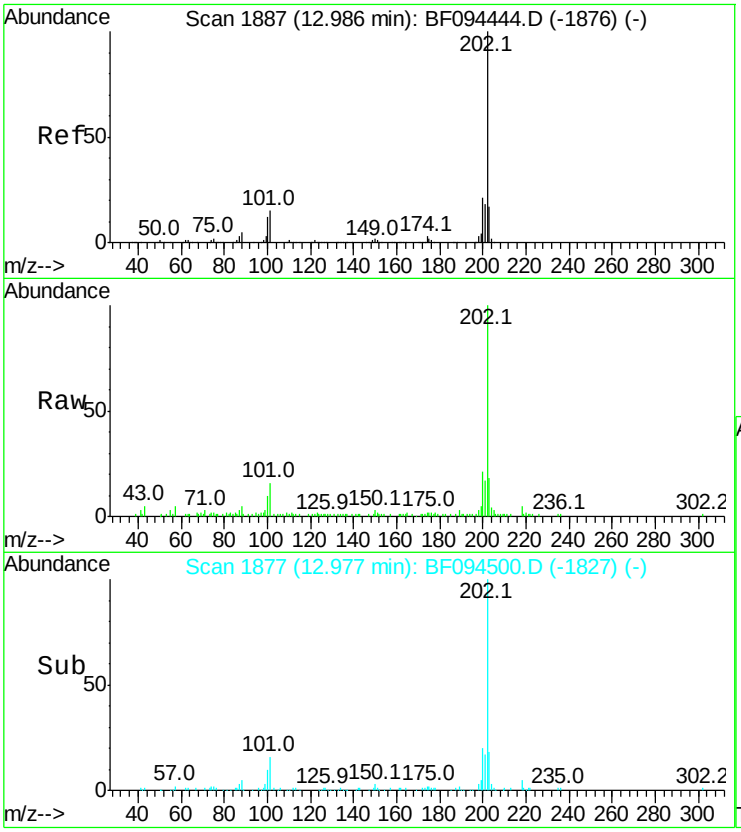


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:240 Resp: 288262

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.3	20.5	30.7



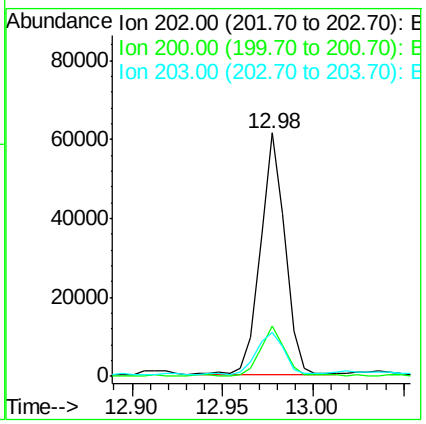


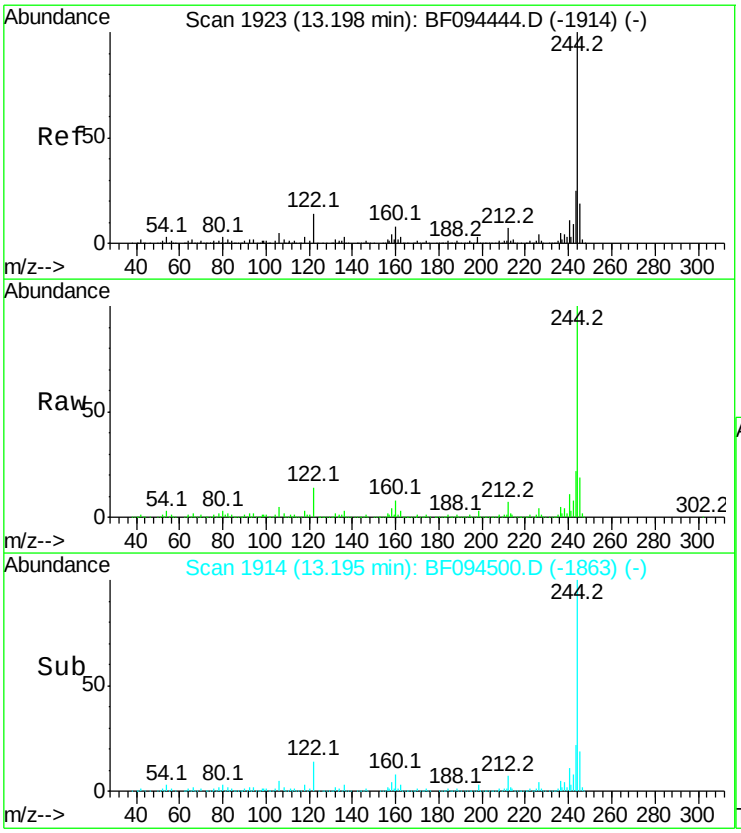
#77
Pyrene
Concen: 2.87 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 57782

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	18.1	14.4	21.6

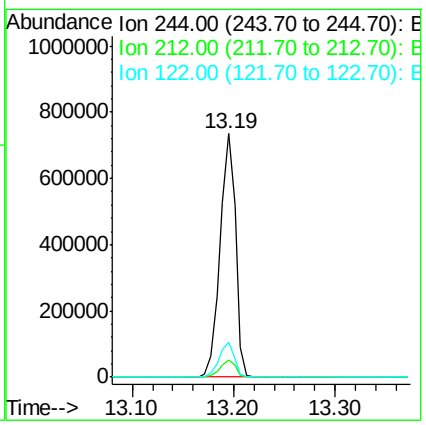


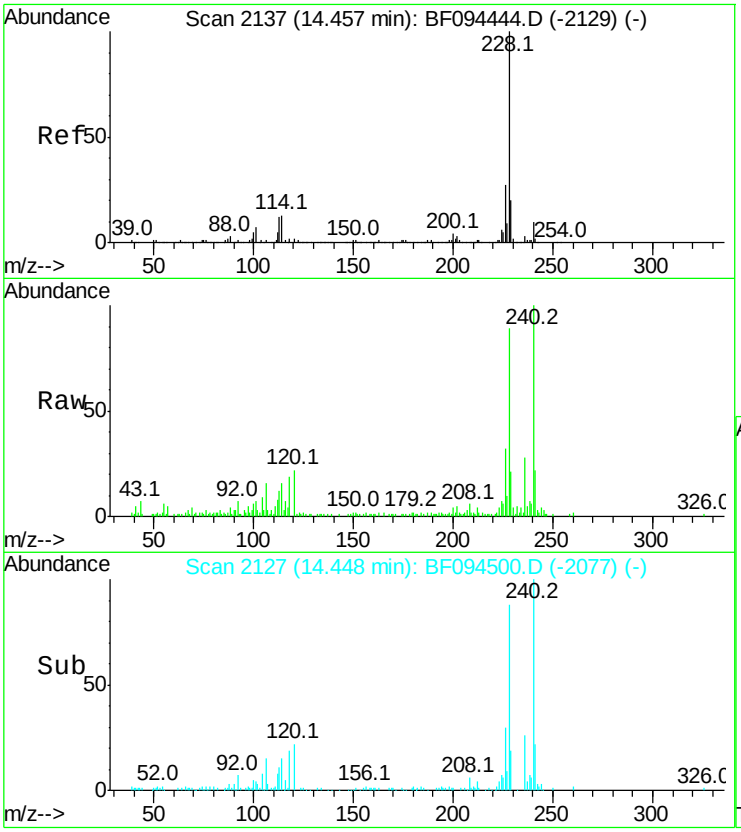


#78
Terphenyl-d14
Concen: 72.32 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:244 Resp: 779937

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.4	10.3	15.5



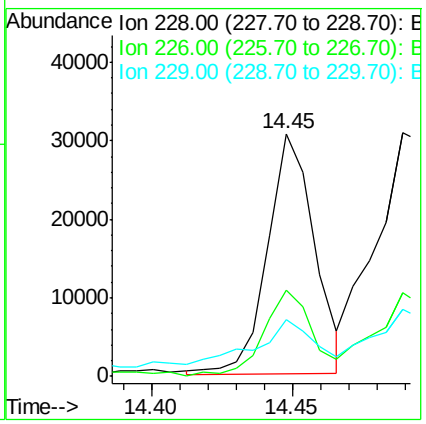


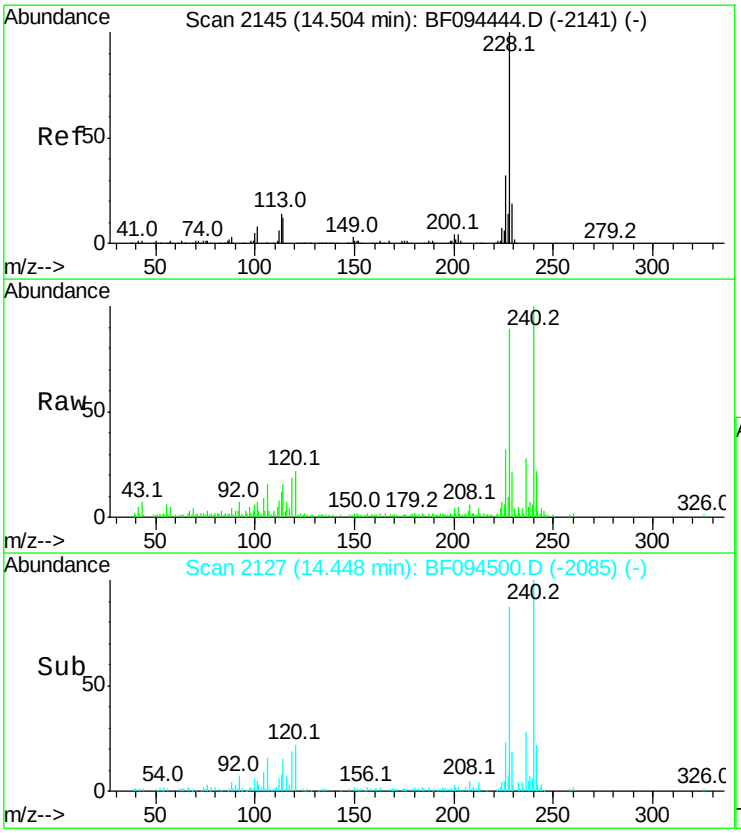
#80
Benzo(a)anthracene
Concen: 2.10 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 35253

Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.6	33.8#
229	23.5	16.3	24.5

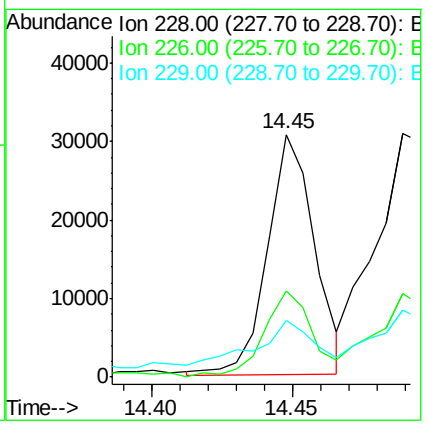


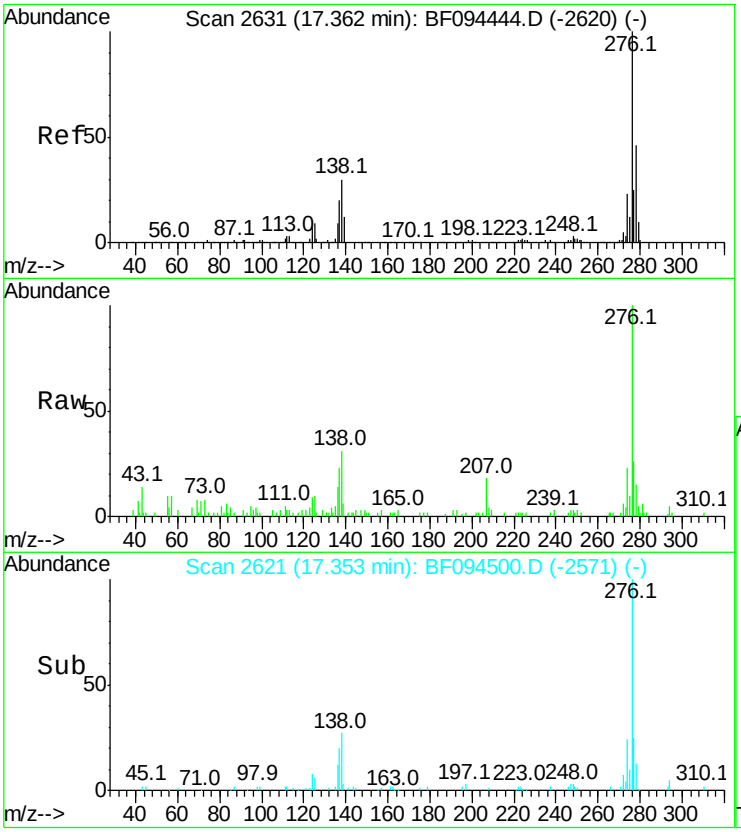


#82
Chrysene
Concen: 2.30 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.06 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:228 Resp: 35253

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.9	37.3
229	23.5	15.8	23.6



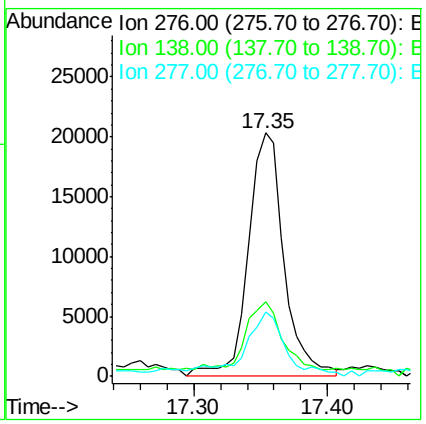


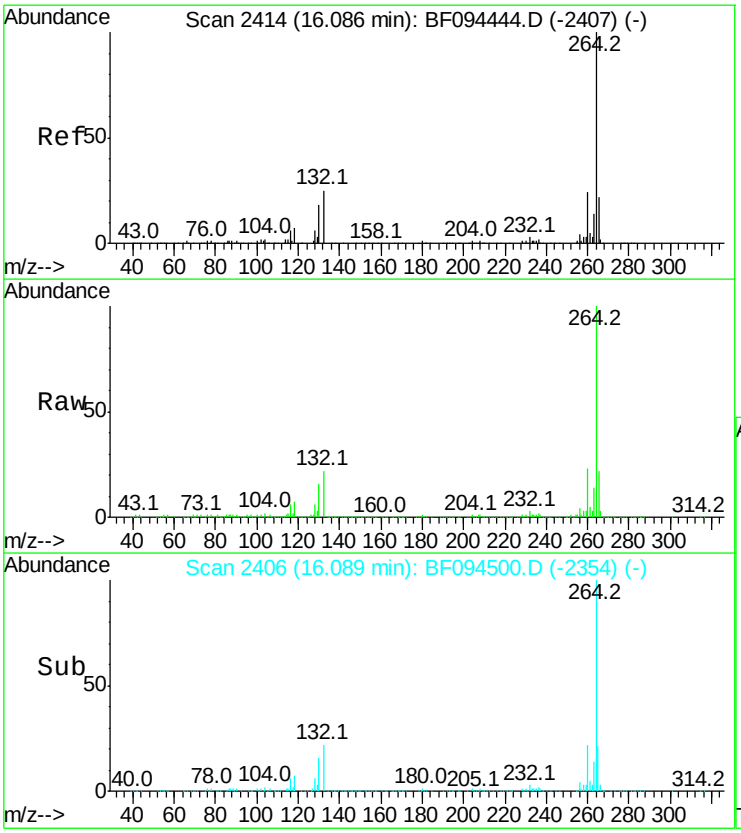
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37455

Ion	Ratio	Lower	Upper
276	100		
138	28.3	27.8	41.6
277	27.8	20.2	30.4

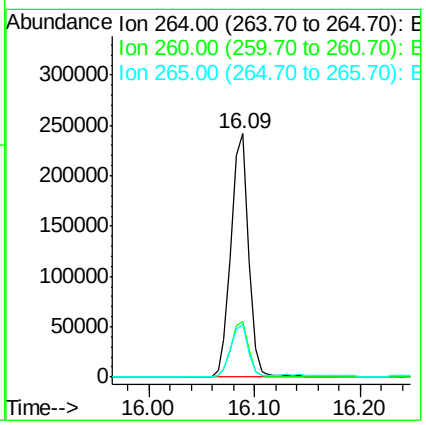


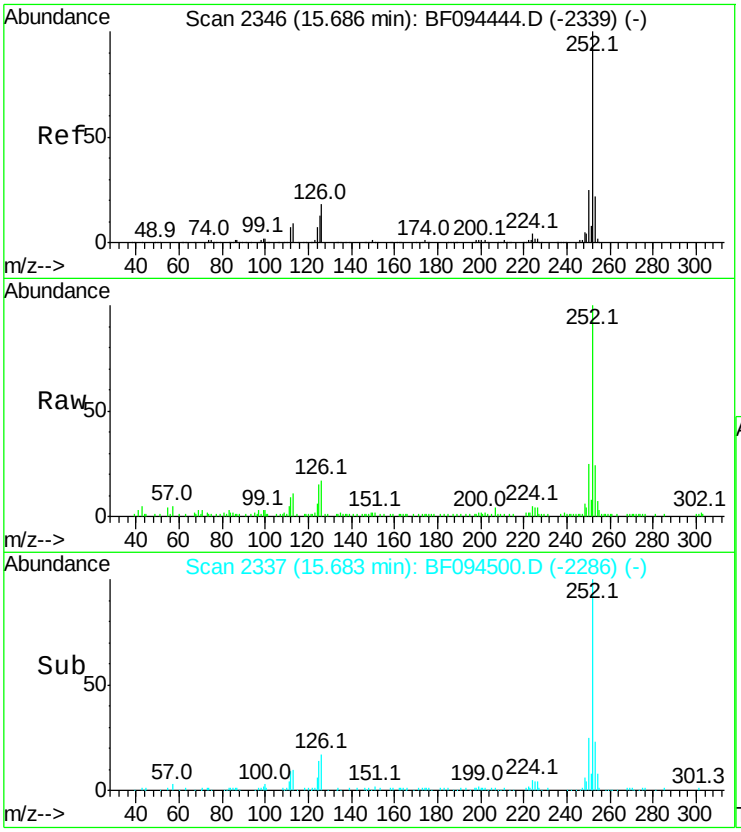


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:264 Resp: 277878

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.5	17.2	25.8



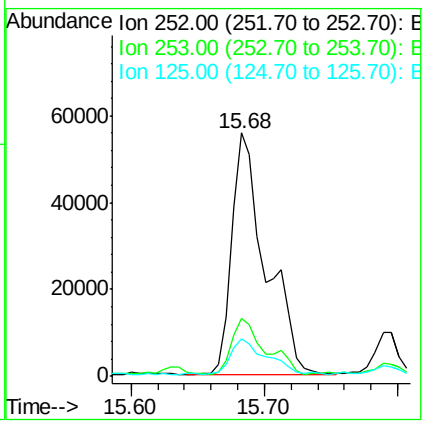


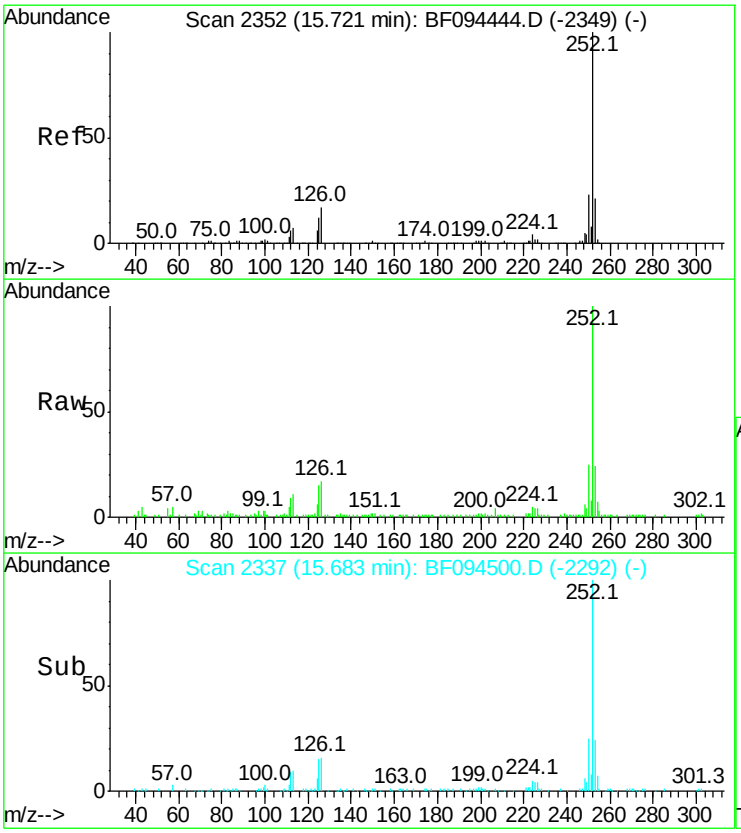
#87
Benzo(b)fluoranthene
Concen: 5.84 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 99292

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.3	9.8	14.8#

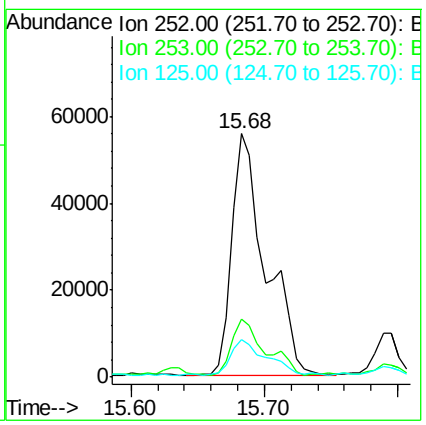


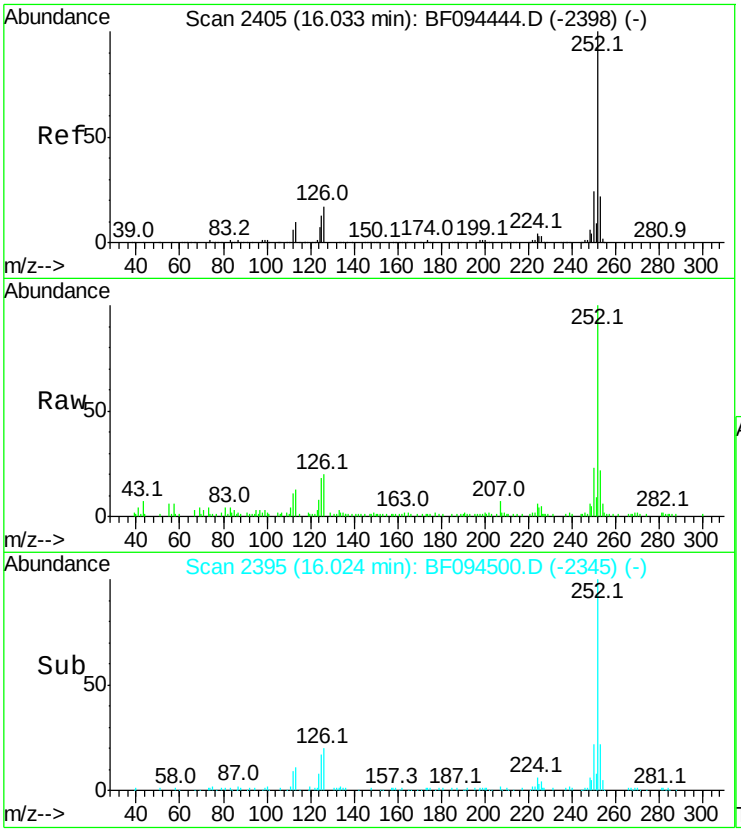


#88
Benzo(k)fluoranthene
Concen: 6.17 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:252 Resp: 99292

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	15.3	13.1	19.7



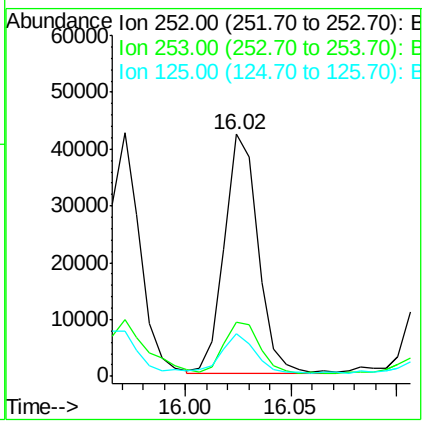


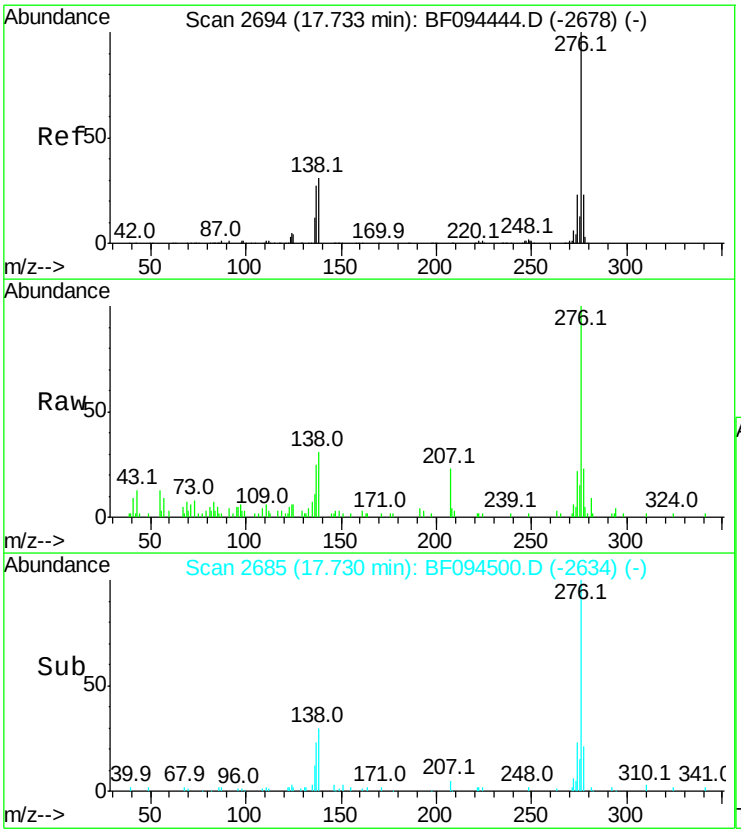
#89
Benzo(a)pyrene
Concen: 2.94 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46488

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	17.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.74 ng
RT: 17.73 min Scan# 2685
Delta R.T. -0.00 min
Lab File: BF094500.D
Acq: 18 Apr 2017 21:37

Tgt Ion:276 Resp: 36620

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	31.4	25.4	38.0