Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF041117\
Data File : BF094382.D
Acq On : 12 Apr 2017 8:24
Operator : SJ/MA
Sample : I2463-05RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 10:53:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	117089	20.00	ng		-0.03
21) Naphthalene-d8	7.33	136	435027	20.00	ng		-0.04
38) Acenaphthene-d10	9.47	164	171471	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	275366	20.00	ng		-0.03
75) Chrysene-d12	14.54	240	232303	20.00	ng		-0.03
86) Perylene-d12	16.17	264	175374	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.38	112	779562	112.45	ng		-0.01
7) Phenol-d6	5.46	99	1077391	125.63	ng		0.00
23) Nitrobenzene-d5	6.47	82	689495	90.45	ng		-0.04
41) 2,4,6-Tribromophenol	10.45	330	104092	76.82	ng		-0.03
44) 2-Fluorobiphenyl	8.65	172	916592	81.53	ng		-0.04
78) Terphenyl-d14	13.27	244	544872	52.57	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	5.58	77	17239	2.98	ng		85
11) bis(2-Chloroethyl)ether	5.53	93	15490	2.03	ng		94
19) n-Nitroso-di-n-propylamine	6.47	70	90500	16.42	ng	#	80
31) Naphthalene	7.35	128	134107	6.41	ng		99
33) 4-Chloroaniline	7.35	127	17817	2.10	ng	#	37
48) Acenaphthylene	9.29	152	121152	6.73	ng		98
49) Dimethylphthalate	9.15	163	67011	5.50	ng		98
51) Acenaphthene	9.50	154	28565	2.72	ng		96
57) Fluorene	10.14	166	31448	2.65	ng		97
70) Phenanthrene	11.32	178	245067	16.00	ng		97
71) Anthracene	11.39	178	113265	7.18	ng		94
74) Fluoranthene	12.79	202	526690	33.58	ng		100
77) Pyrene	13.07	202	874187	51.85	ng		98
80) Benzo(a)anthracene	14.58	228	276492	20.41	ng		97
82) Chrysene	14.58	228	276492	21.99	ng		99
85) Indeno(1,2,3-cd)pyrene	17.49	276	159268	14.63	ng		95
87) Benzo(b)fluoranthene	15.77	252	438538	40.80	ng		96
88) Benzo(k)fluoranthene	15.77	252	438538	41.69	ng		96
89) Benzo(a)pyrene	16.12	252	345511	34.90	ng		99
90) Dibenzo(a,h)anthracene	17.64	278	26399	3.15	ng		97
91) Benzo(g,h,i)perylene	17.88	276	212431	25.14	ng		96

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

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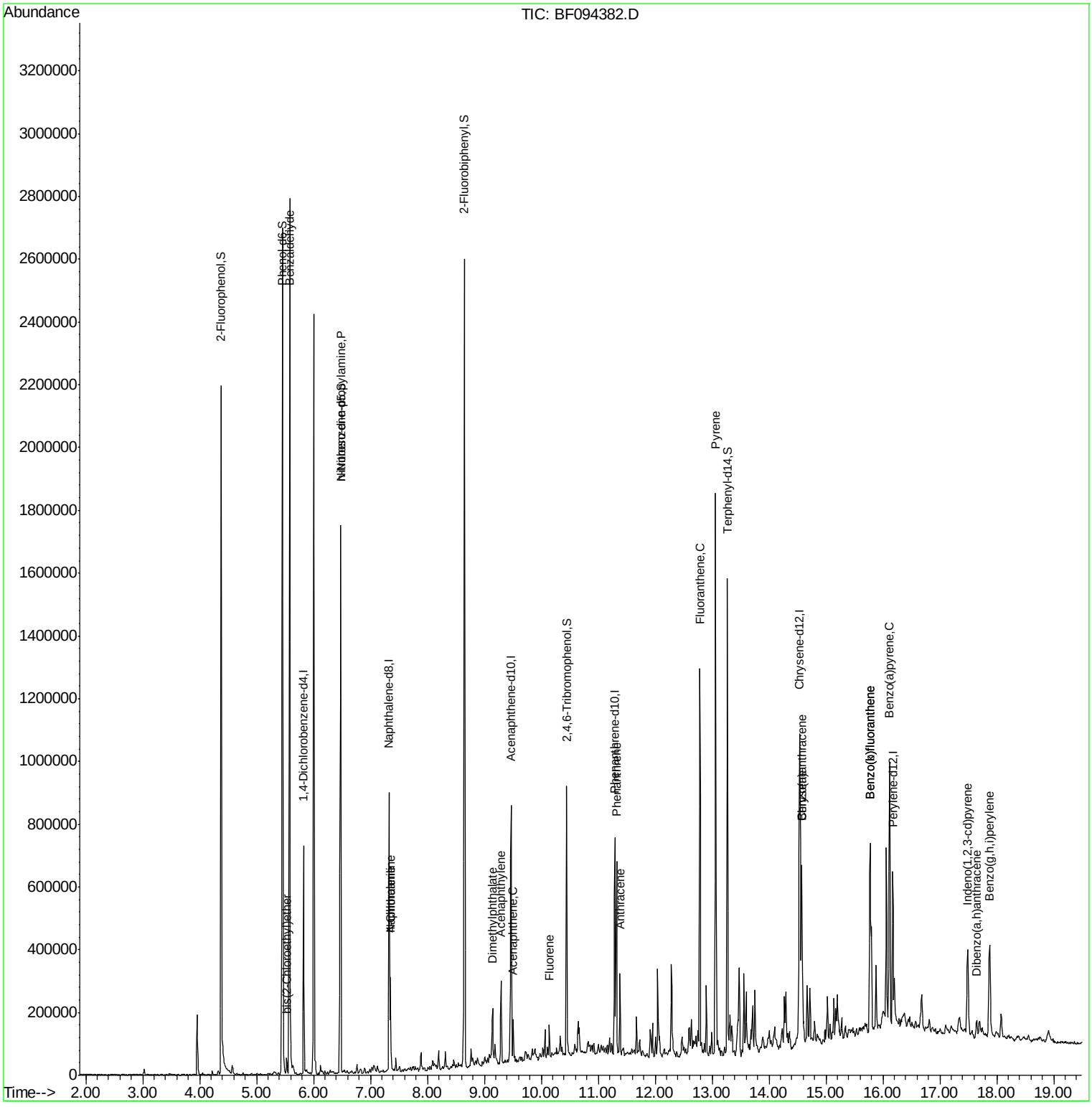
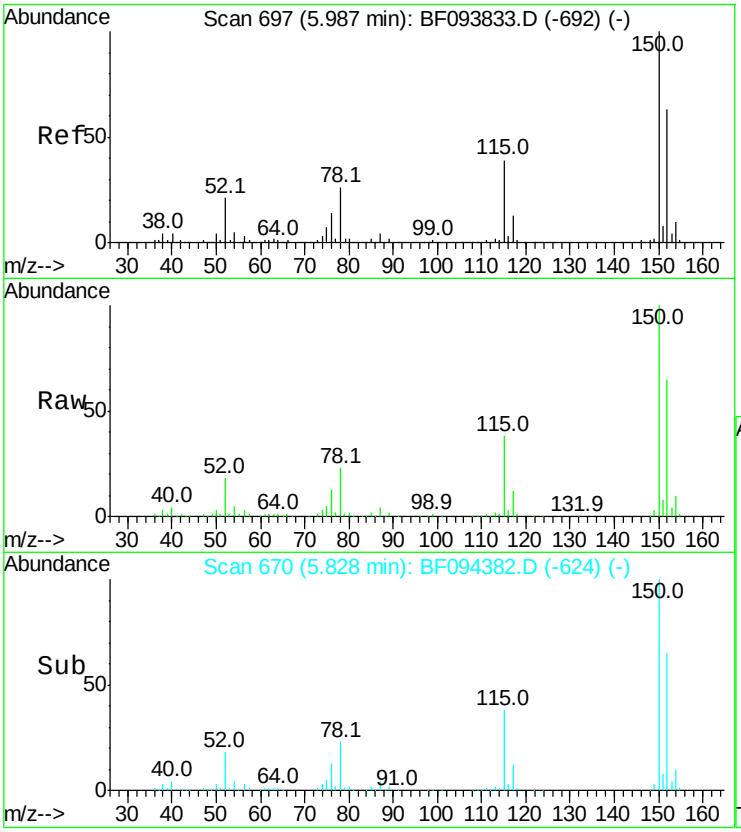


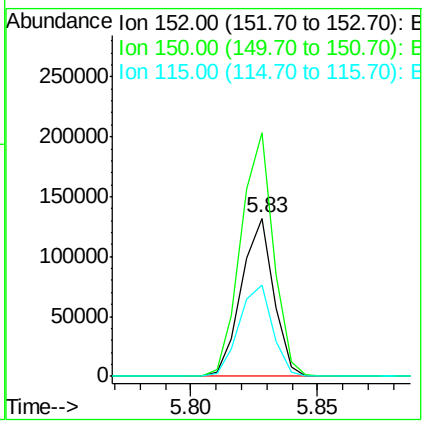


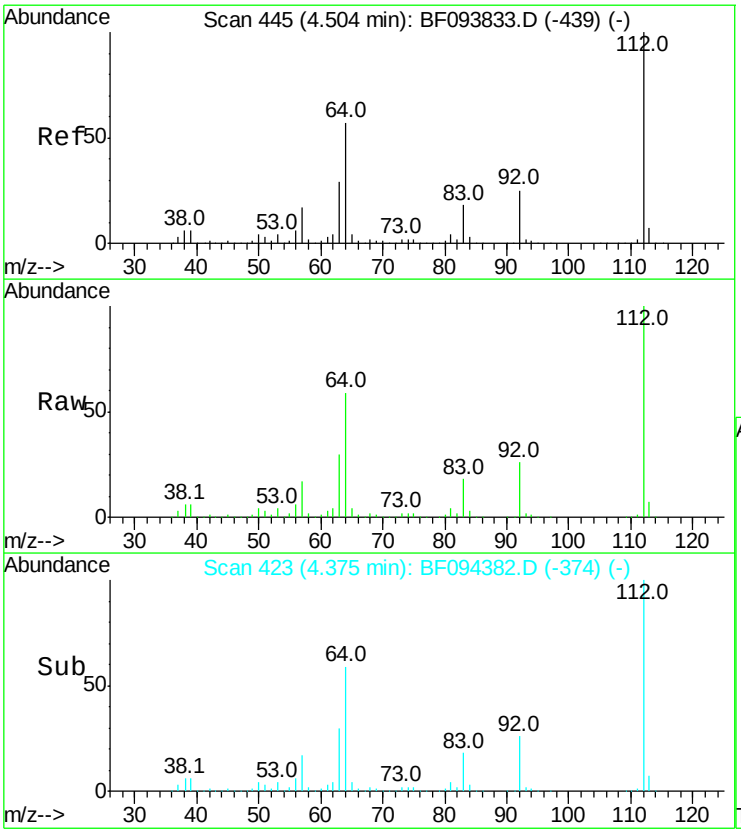
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117089

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	57.7	52.2	78.2

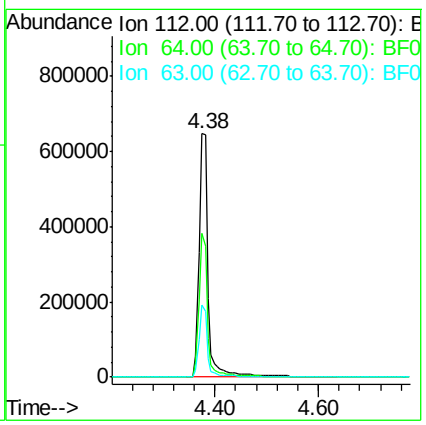


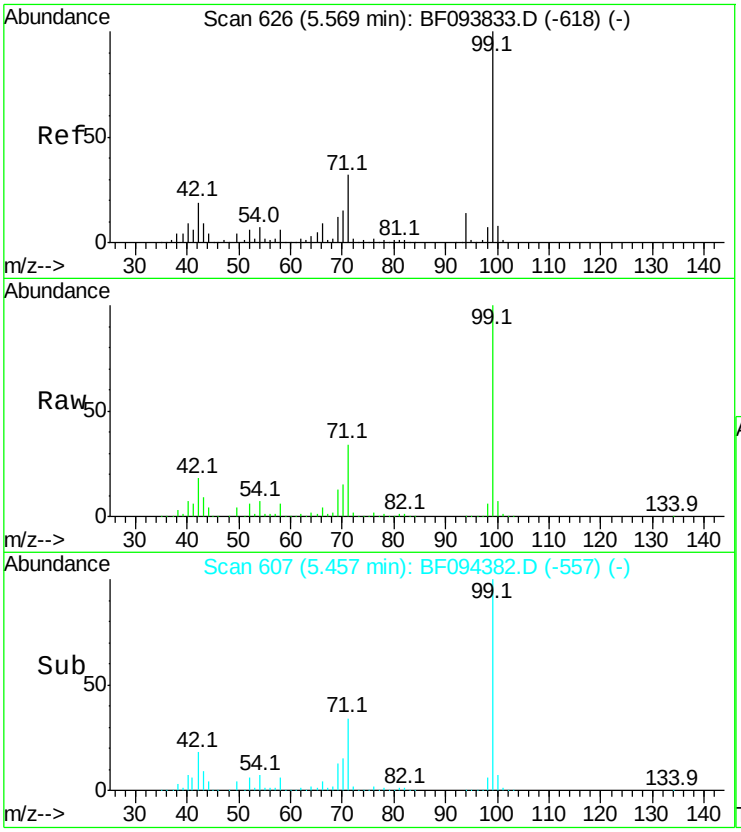


#5
2-Fluorophenol
Concen: 112.45 ng
RT: 4.38 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:112 Resp: 779562

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	29.7	23.4	35.0



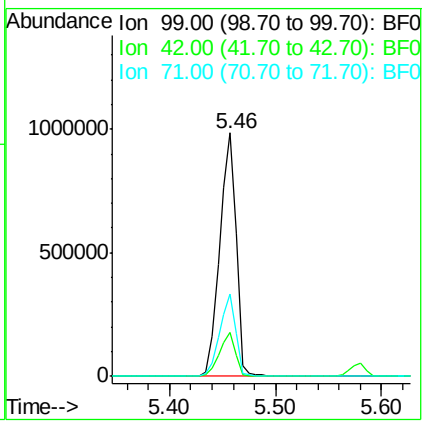


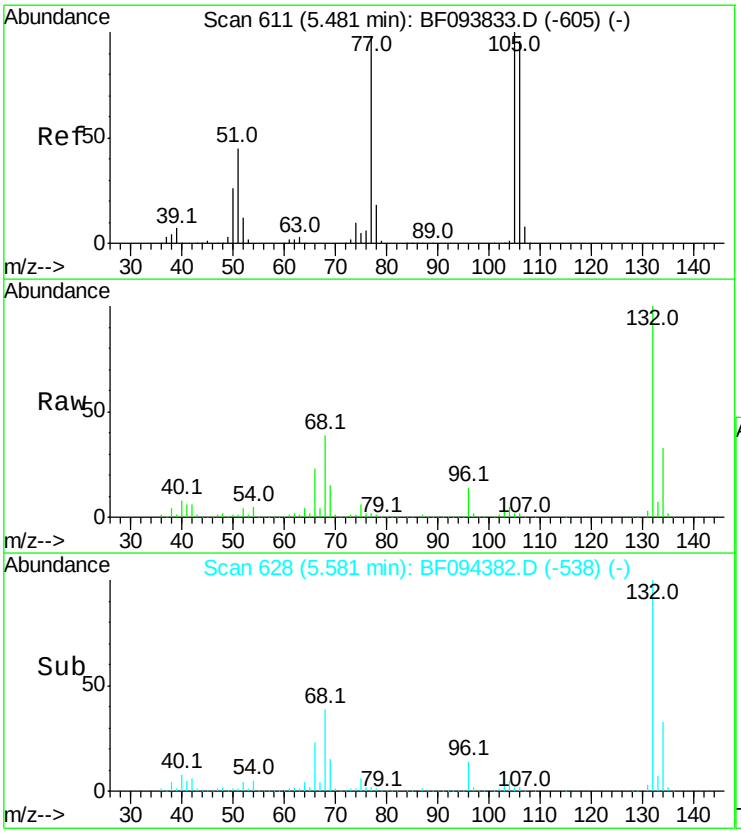
#7
Phenol-d6
Concen: 125.63 ng
RT: 5.46 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1077391

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.7	24.5	36.7

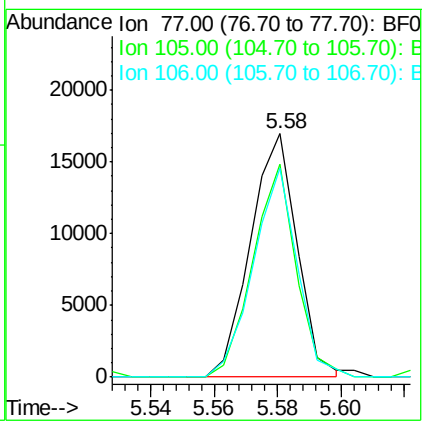


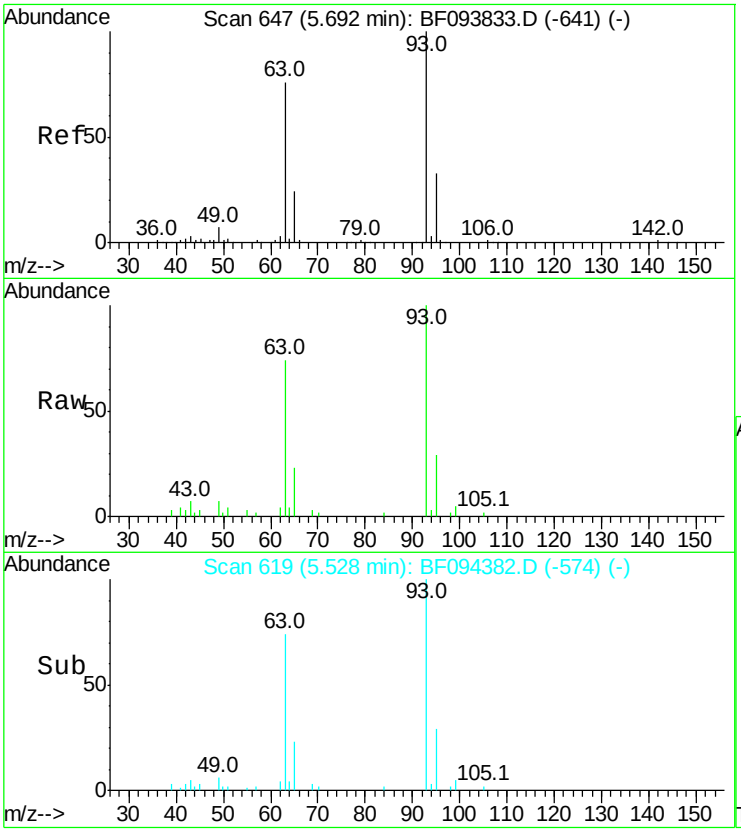


#9
Benzaldehyde
Concen: 2.98 ng
RT: 5.58 min Scan# 628
Delta R.T. 0.23 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion: 77 Resp: 17239

Ion	Ratio	Lower	Upper
77	100		
105	87.6	83.8	123.8
106	86.0	79.1	119.1



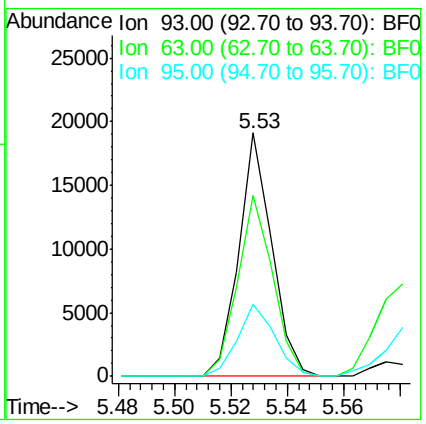


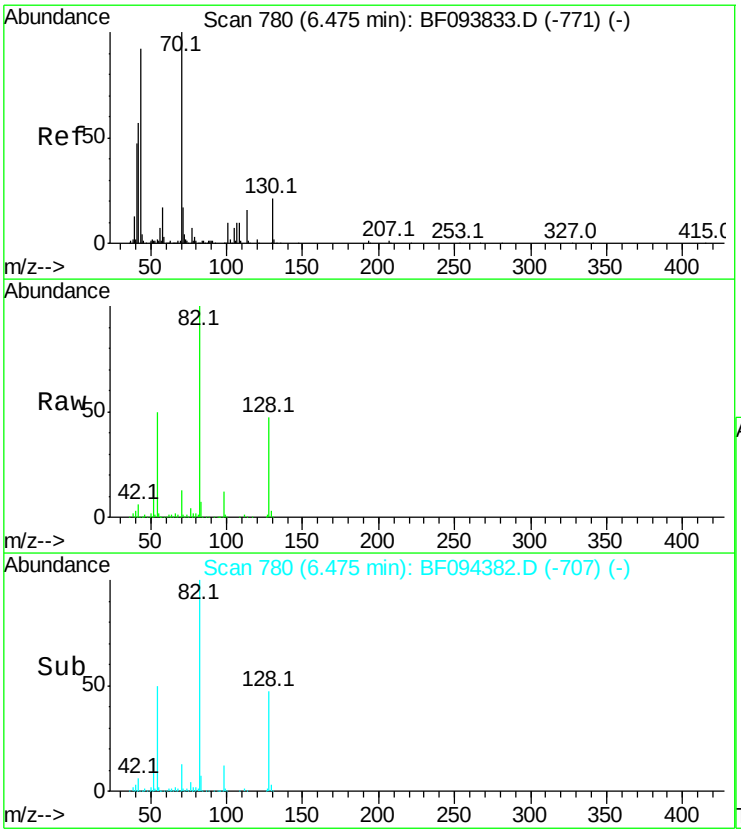
#11
bis(2-Chloroethyl)ether
Concen: 2.03 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 15490

Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	29.5	12.8	52.8

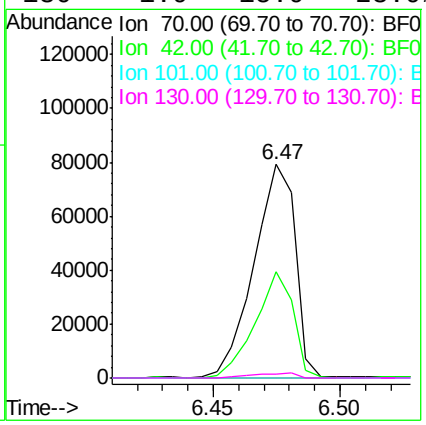


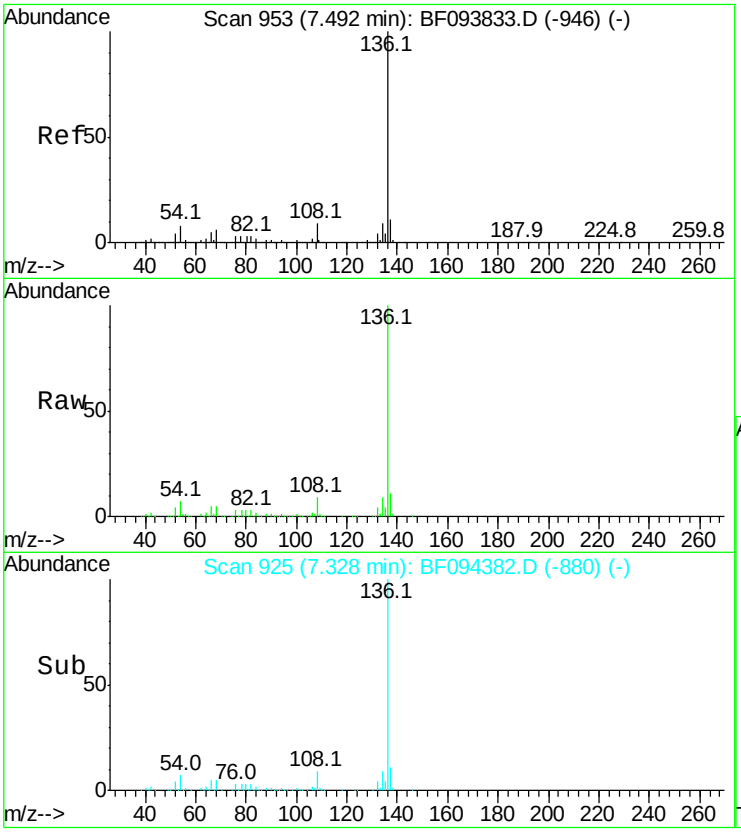


#19
n-Nitroso-di-n-propylamine
Concen: 16.42 ng
RT: 6.47 min Scan# 780
Delta R.T. 0.13 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion: 70 Resp: 90500

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



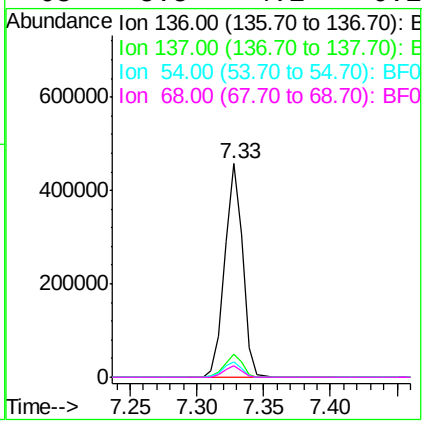


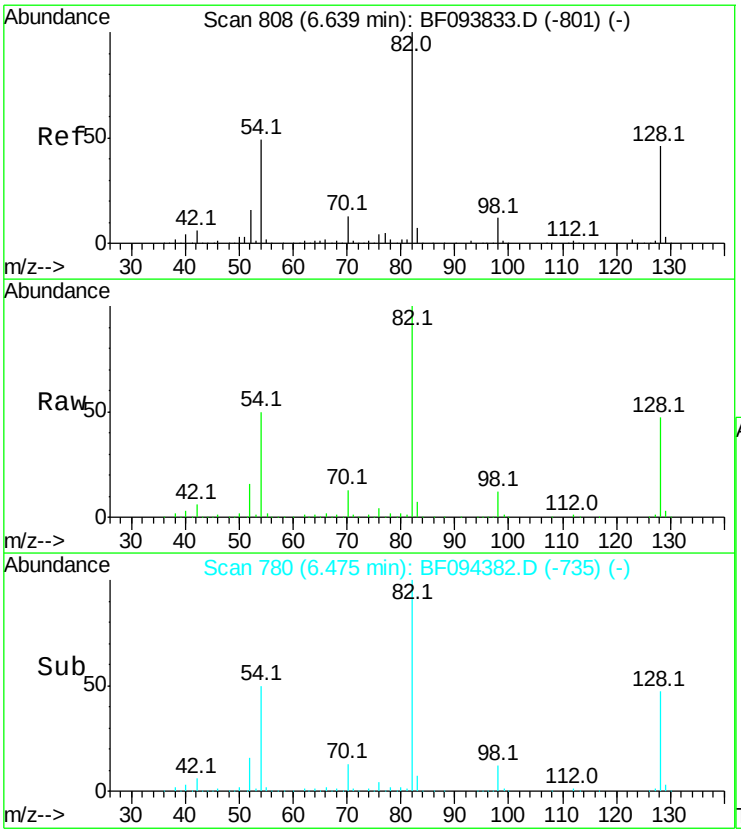
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 435027

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.5	4.1	6.1

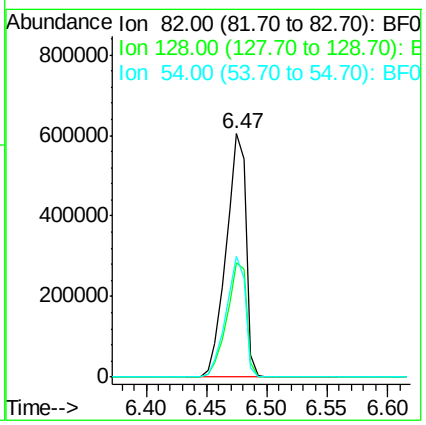


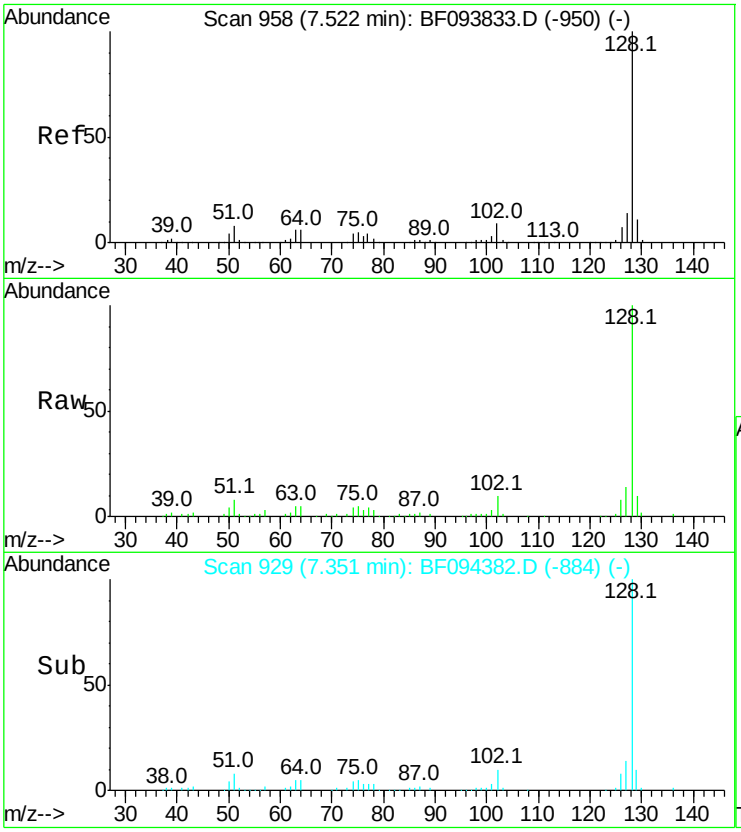


#23
Nitrobenzene-d5
Concen: 90.45 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion: 82 Resp: 689495

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	49.6	42.2	63.2

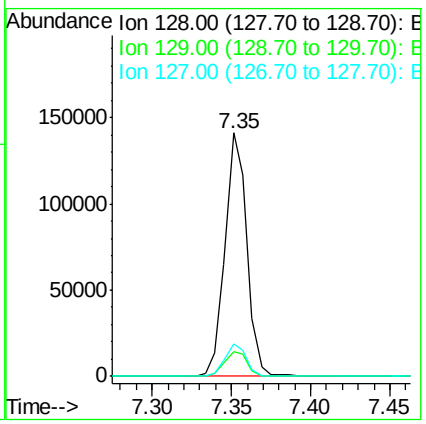




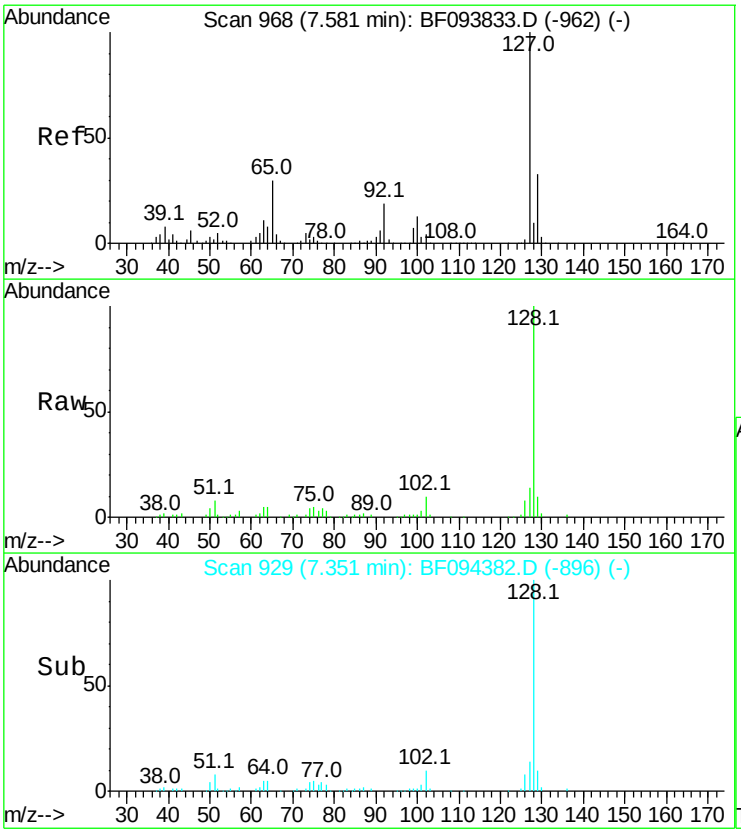
#31
Naphthalene
Concen: 6.41 ng
RT: 7.35 min Scan# 929
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:128 Resp: 134107

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	13.6	10.8	16.2



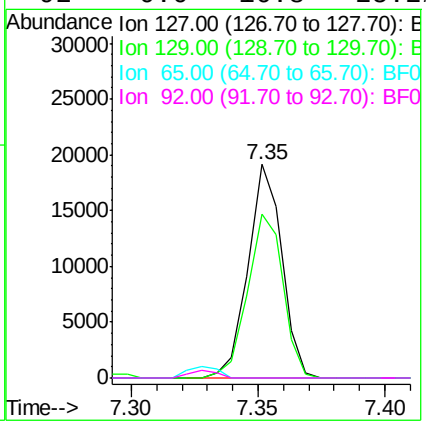
Instrument :
BNA_F
ClientSampleId :

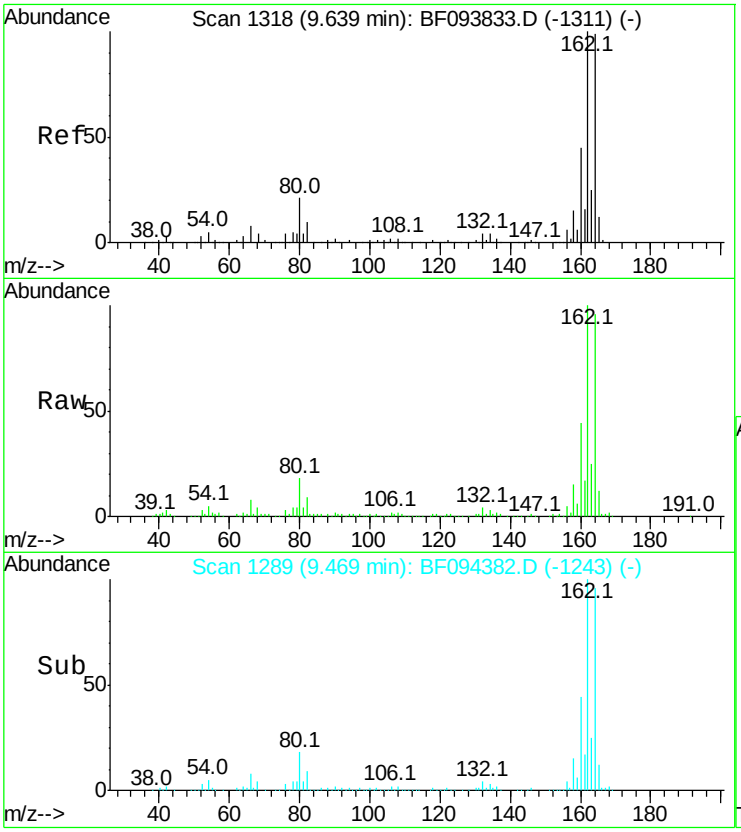


#33
4-Chloroaniline
Concen: 2.10 ng
RT: 7.35 min Scan# 929
Delta R.T. -0.11 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:127 Resp: 17817

Ion	Ratio	Lower	Upper
127	100		
129	76.6	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



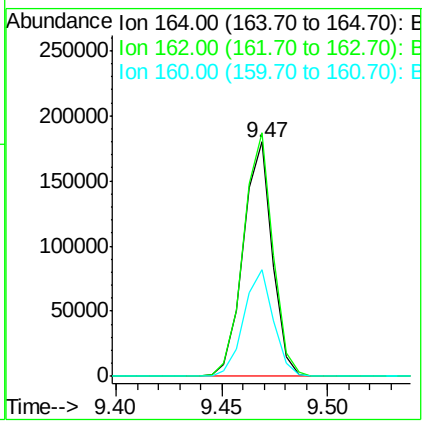


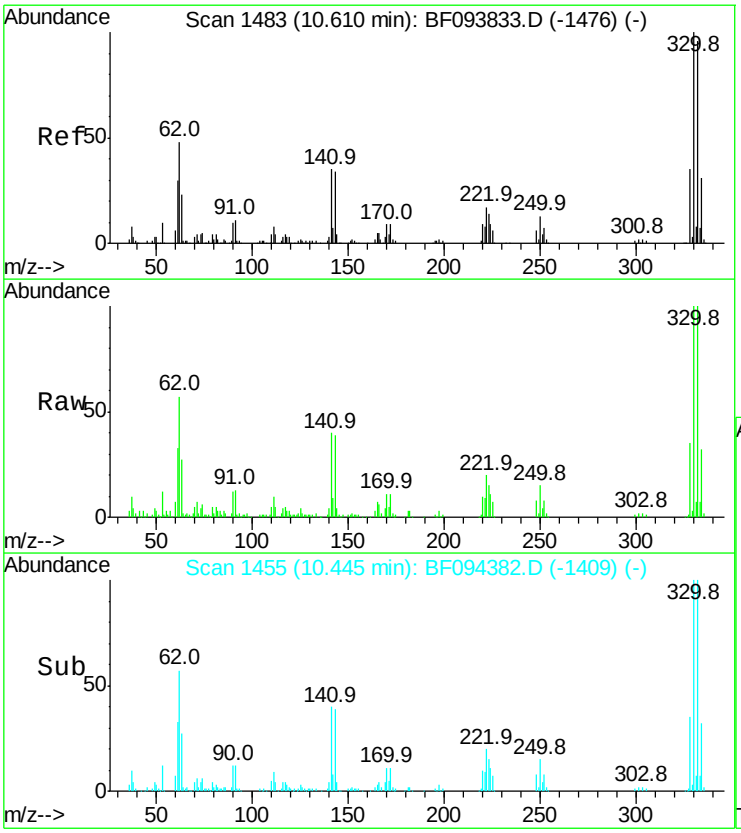
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171471

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	45.5	36.2	54.2

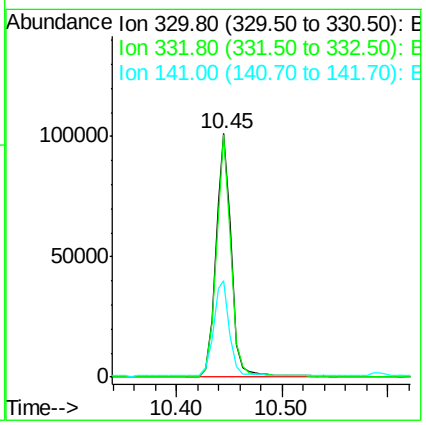


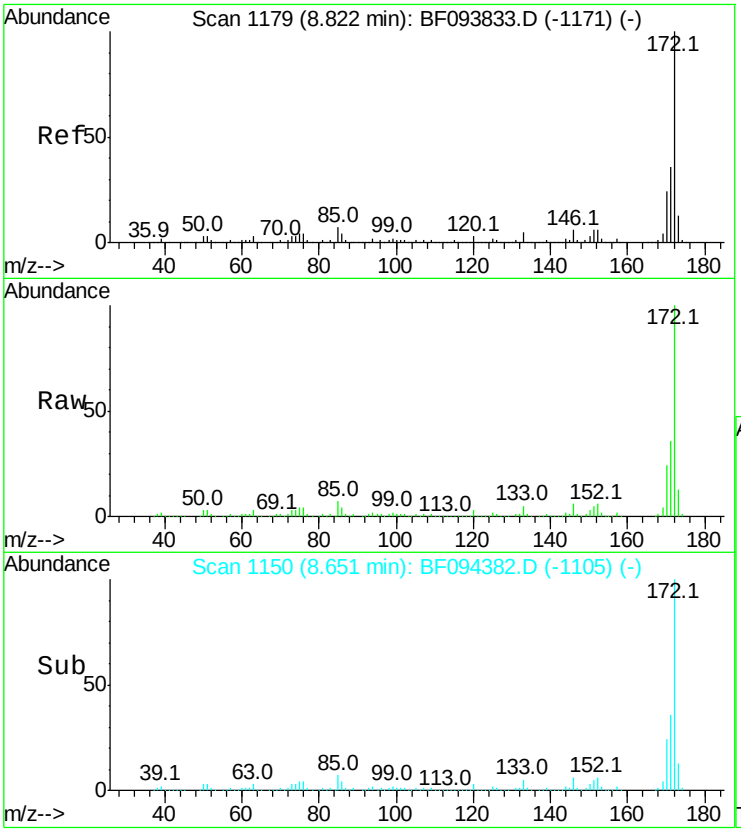


#41
2,4,6-Tribromophenol
Concen: 76.82 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:330 Resp: 104092

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	40.5	31.4	47.2



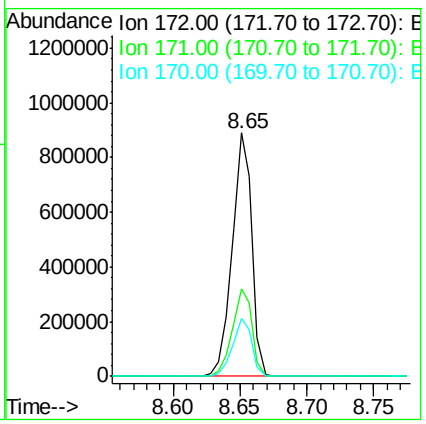


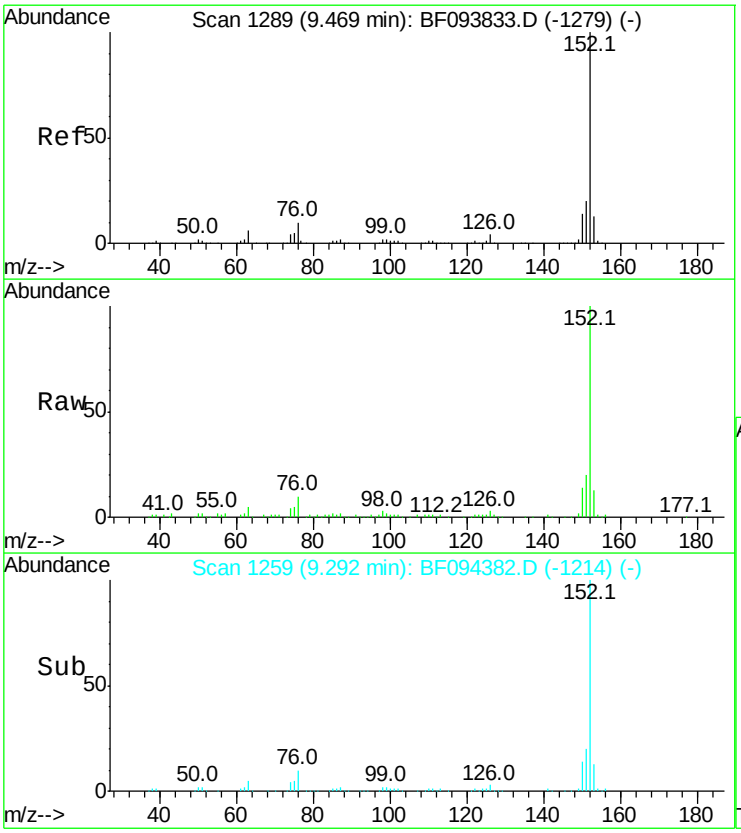
#44
2-Fluorobiphenyl
Concen: 81.53 ng
RT: 8.65 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 916592

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

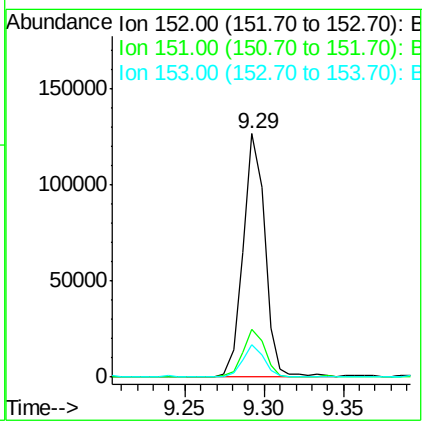


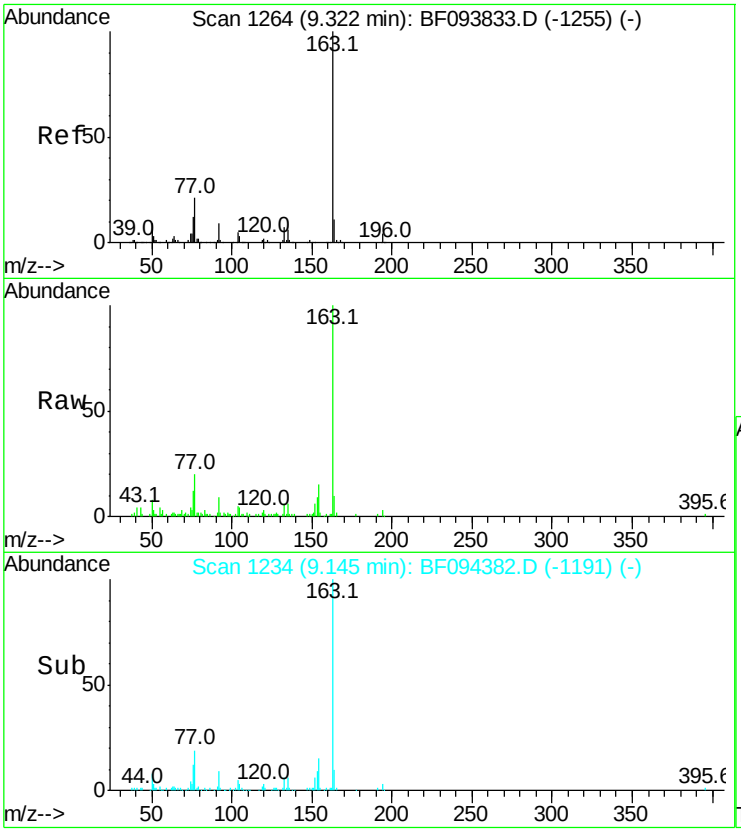


#48
Acenaphthylene
Concen: 6.73 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:152 Resp: 121152

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.4	10.8	16.2



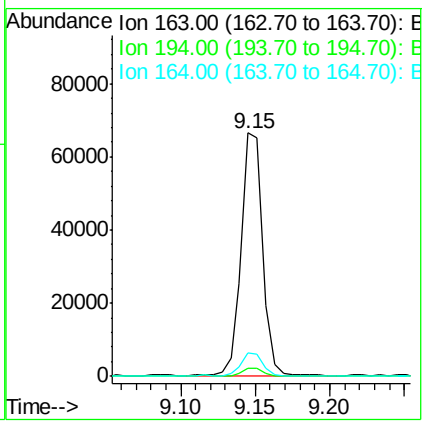


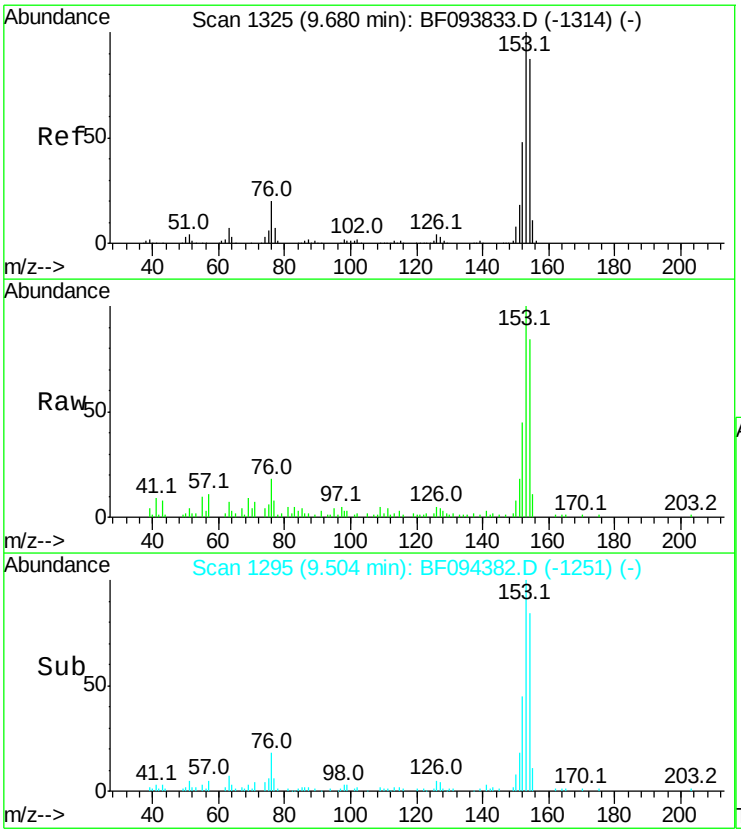
#49
Dimethylphthalate
Concen: 5.50 ng
RT: 9.15 min Scan# 1234
Delta R.T. -0.05 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 67011

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	8.4	12.6

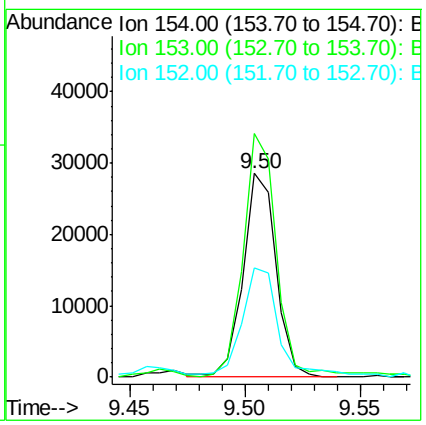


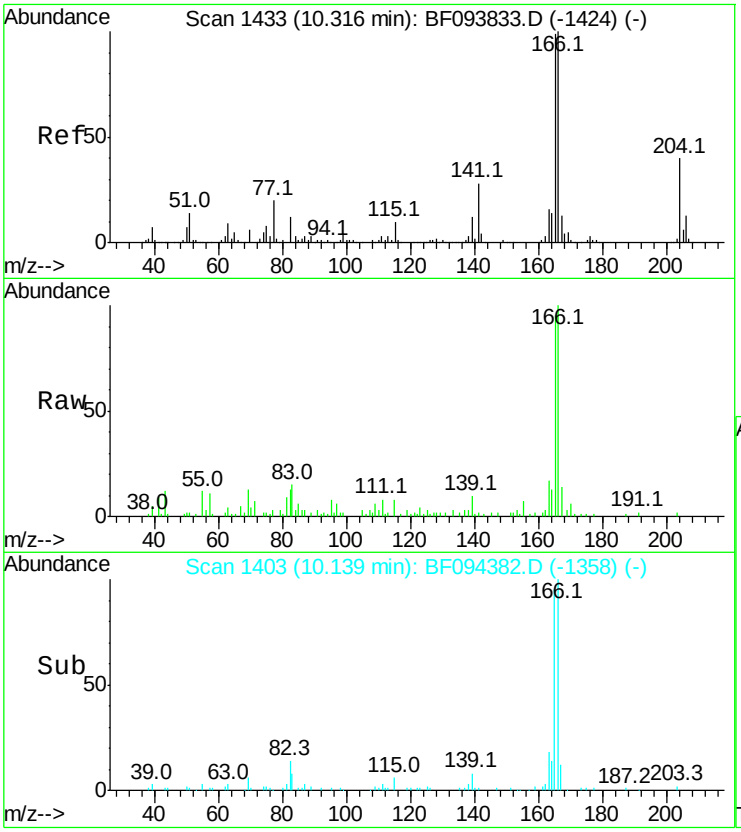


#51
Acenaphthene
Concen: 2.72 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:154 Resp: 28565

Ion	Ratio	Lower	Upper
154	100		
153	119.4	90.5	135.7
152	53.8	43.6	65.4



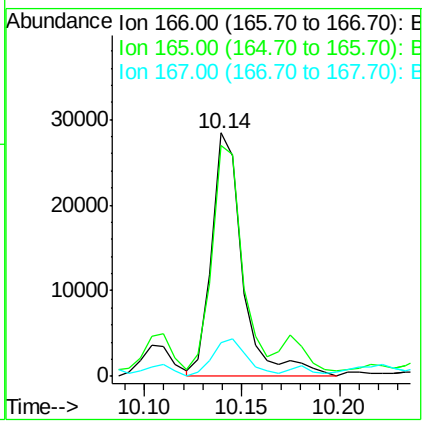


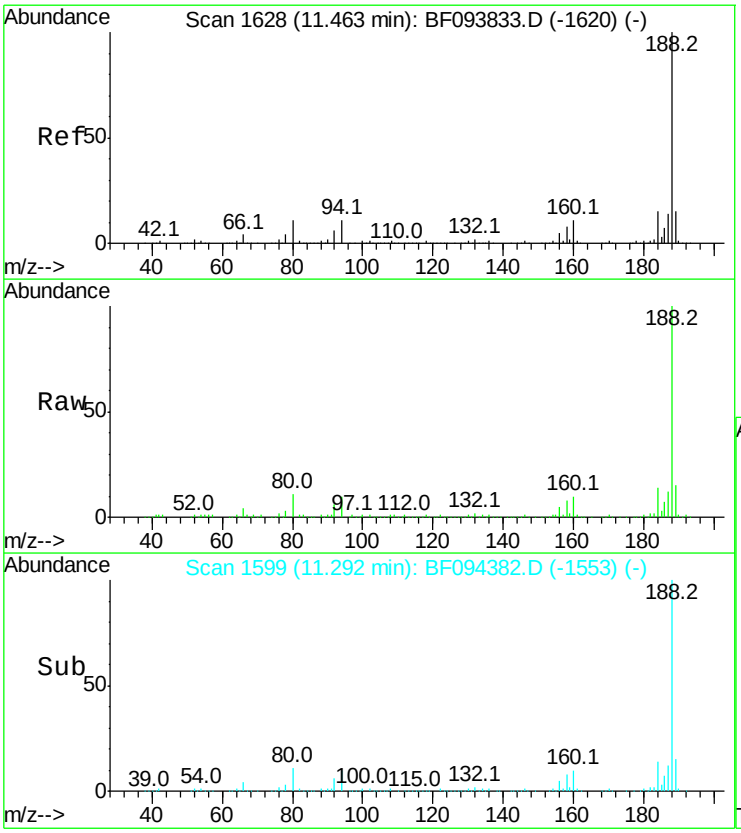
#57
Fluorene
Concen: 2.65 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 31448

Ion	Ratio	Lower	Upper
166	100		
165	94.8	78.8	118.2
167	13.7	10.6	16.0

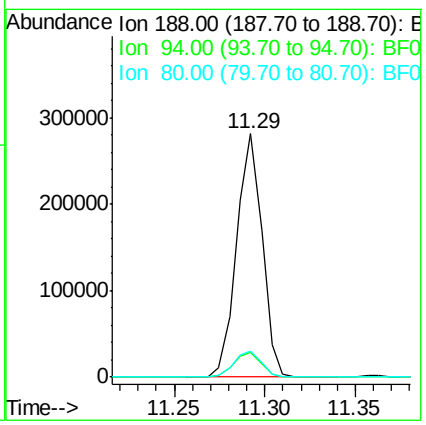


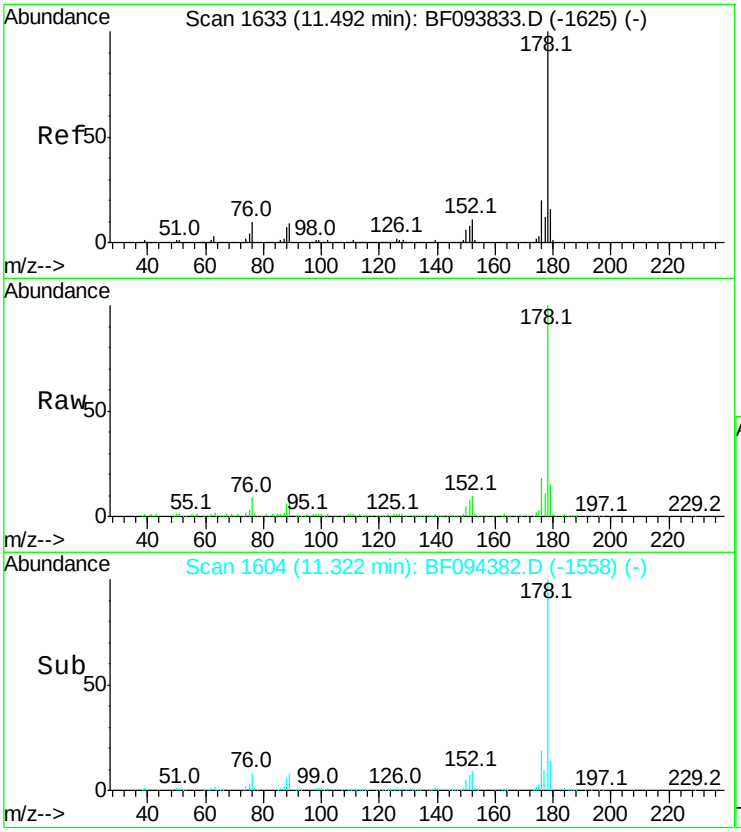


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:188 Resp: 275366

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.6	10.2	15.2



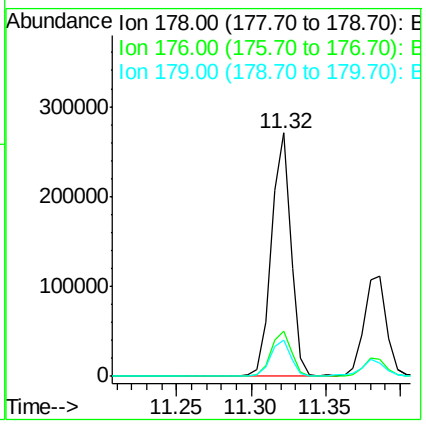


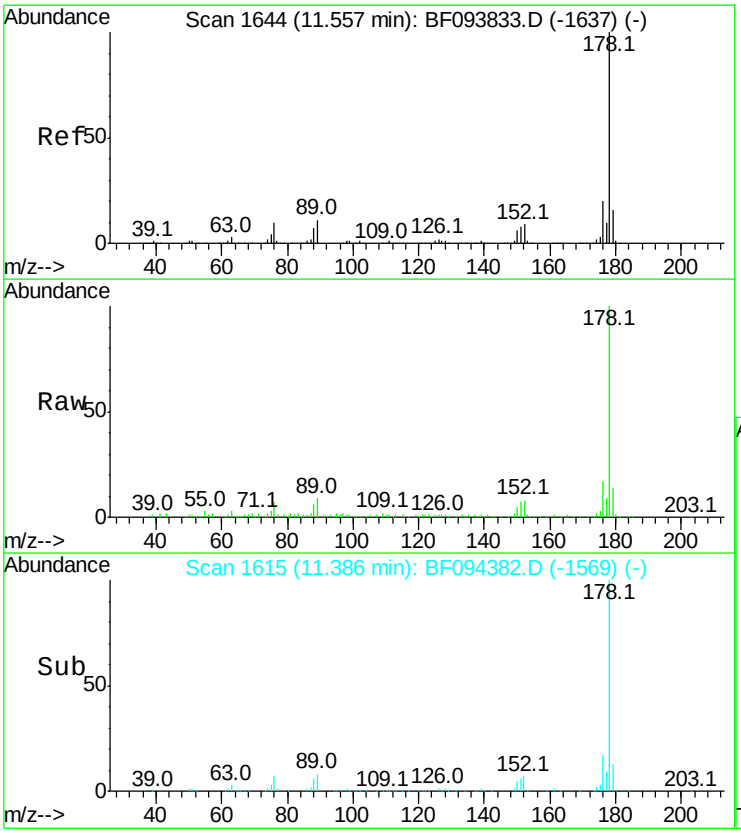
#70
Phenanthrene
Concen: 16.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 245067

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.7	12.6	19.0

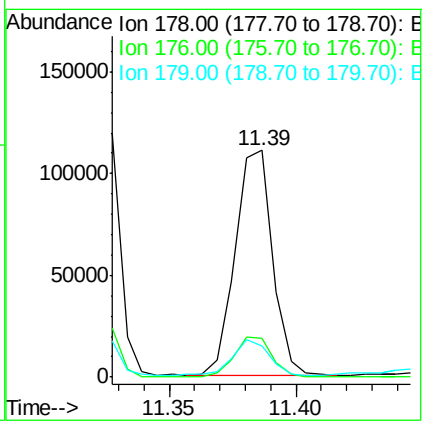


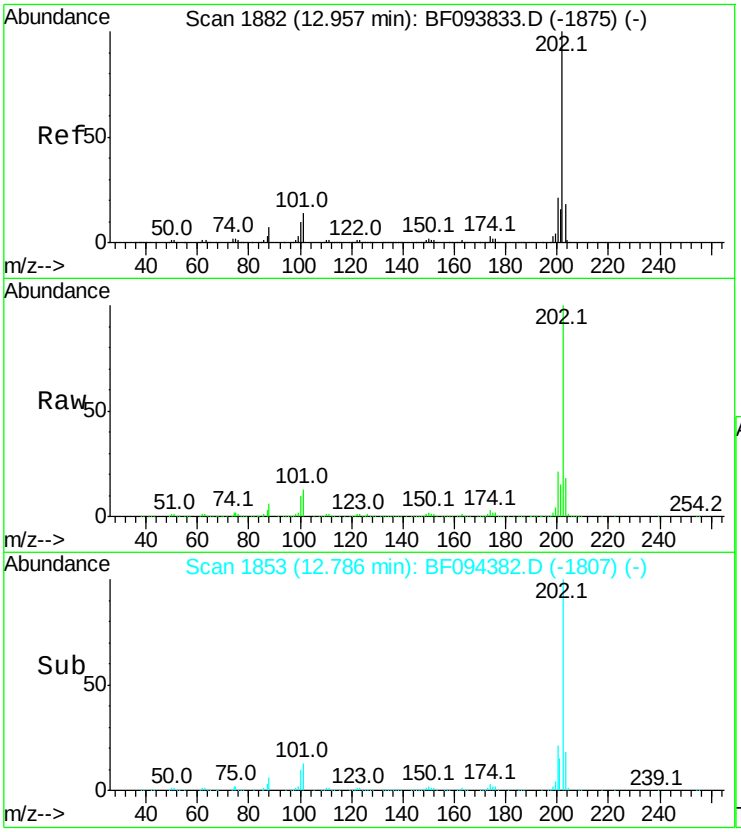


#71
Anthracene
Concen: 7.18 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:178 Resp: 113265

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.8	23.8
179	13.8	12.7	19.1



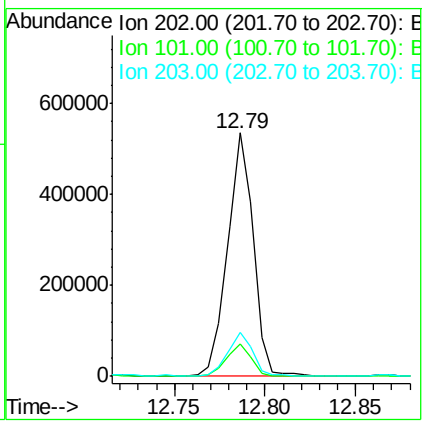


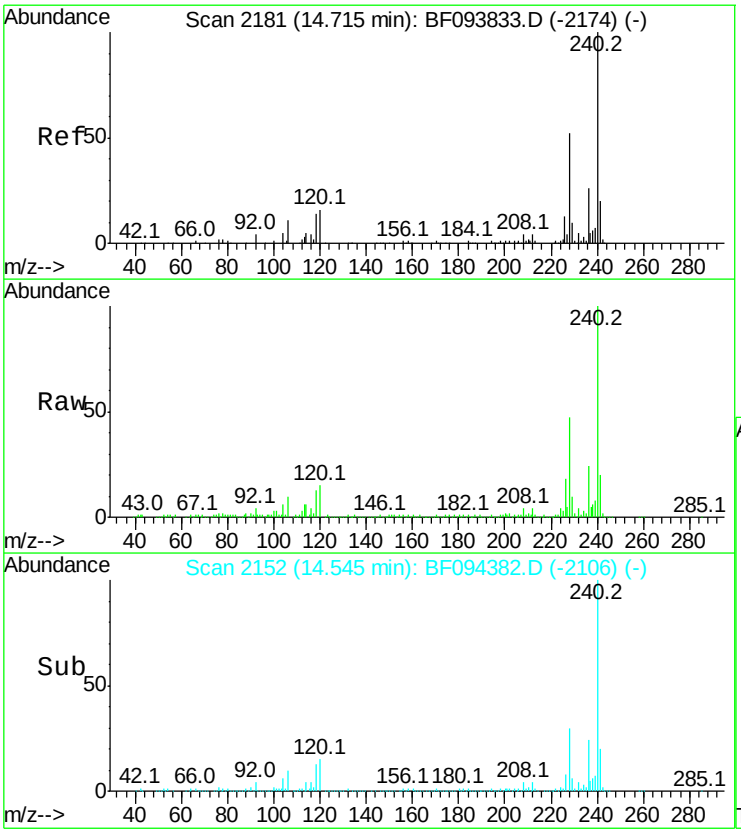
#74
Fluoranthene
Concen: 33.58 ng
RT: 12.79 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 526690

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	18.2	0.0	38.1

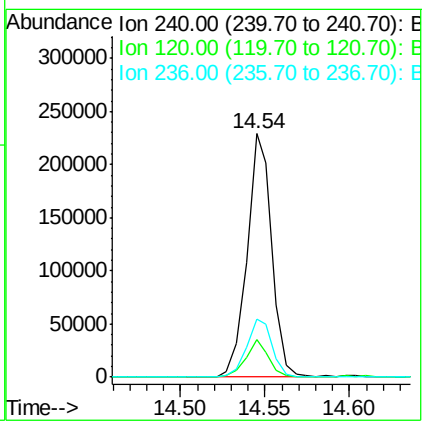


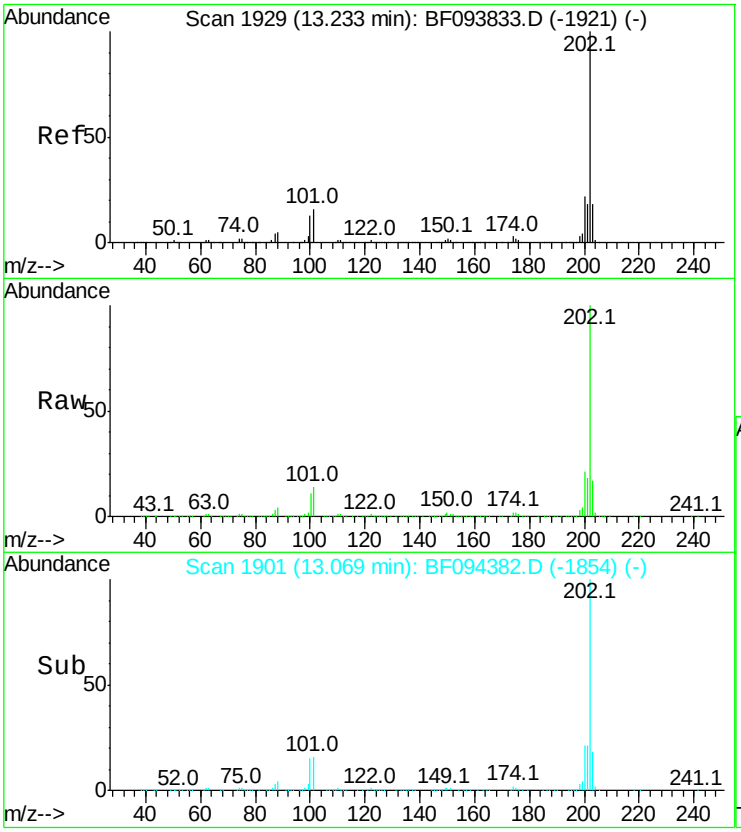


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:240 Resp: 232303

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.0	20.5	30.7



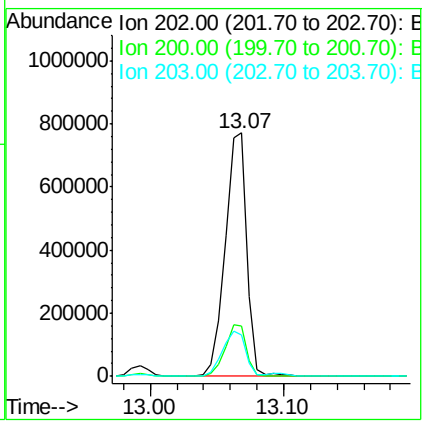


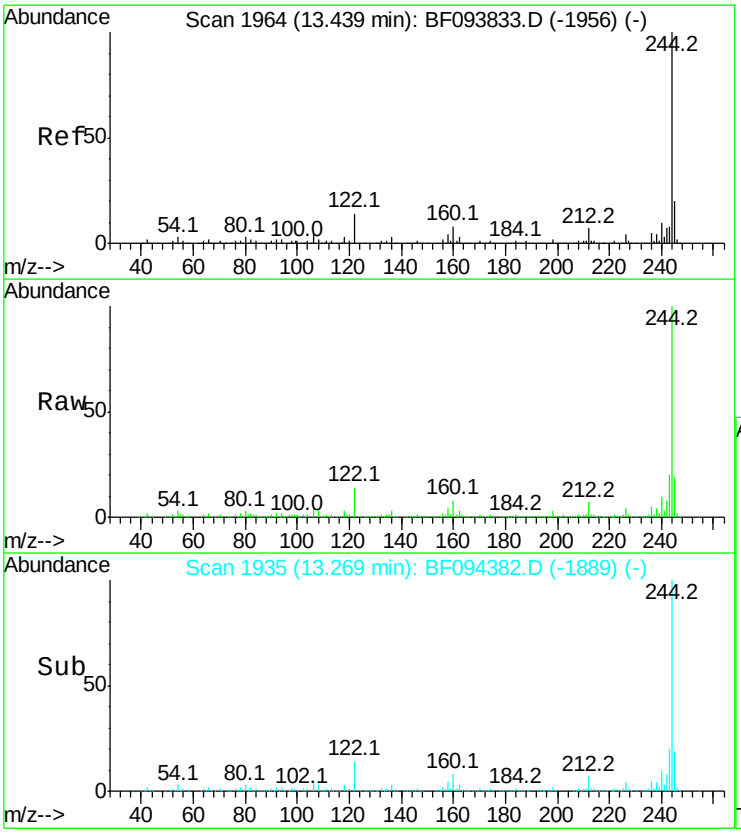
#77
Pyrene
Concen: 51.85 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 874187

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.2	14.4	21.6

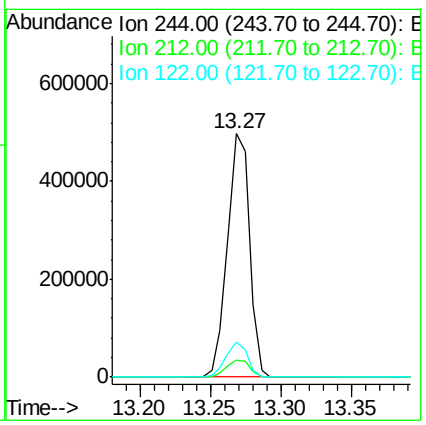


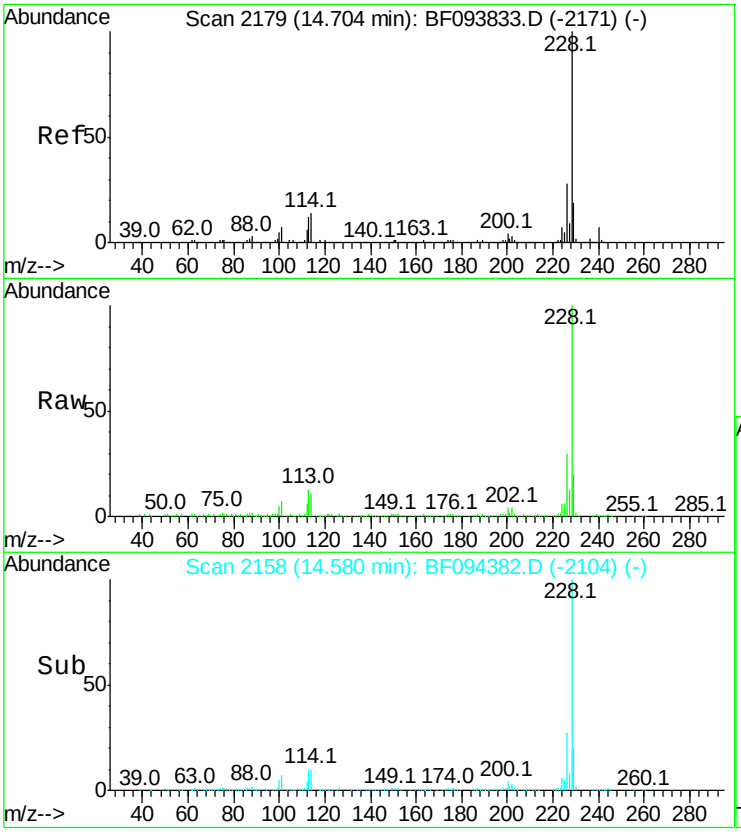


#78
Terphenyl-d14
Concen: 52.57 ng
RT: 13.27 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:244 Resp: 544872

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.5	10.3	15.5



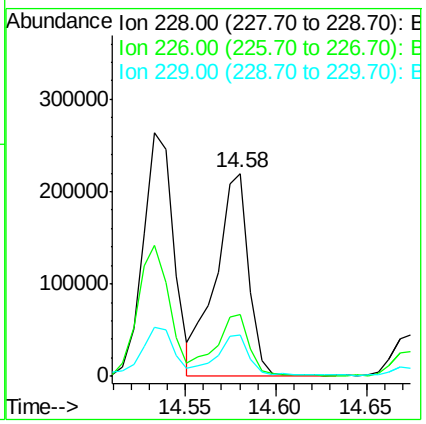


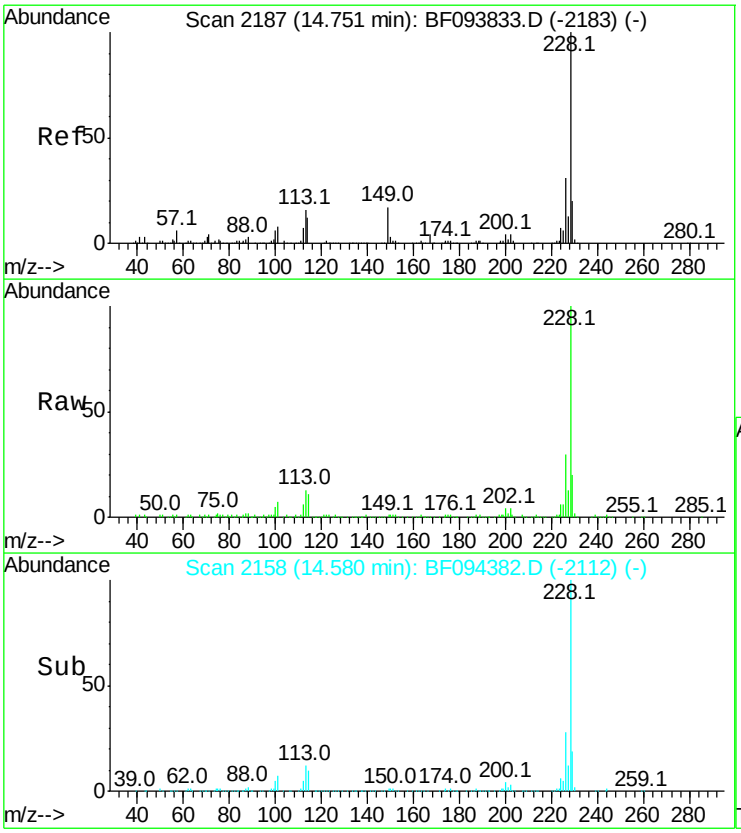
#80
Benzo(a)anthracene
Concen: 20.41 ng
RT: 14.58 min Scan# 2158
Delta R.T. 0.02 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 276492

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.3	16.3	24.5

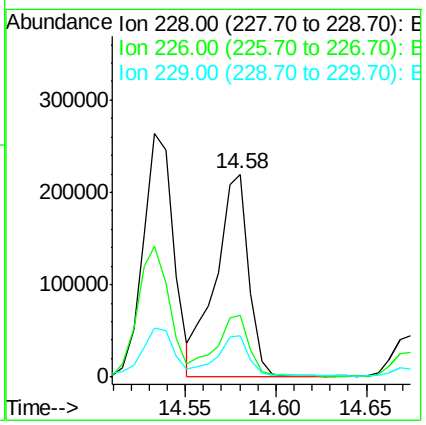


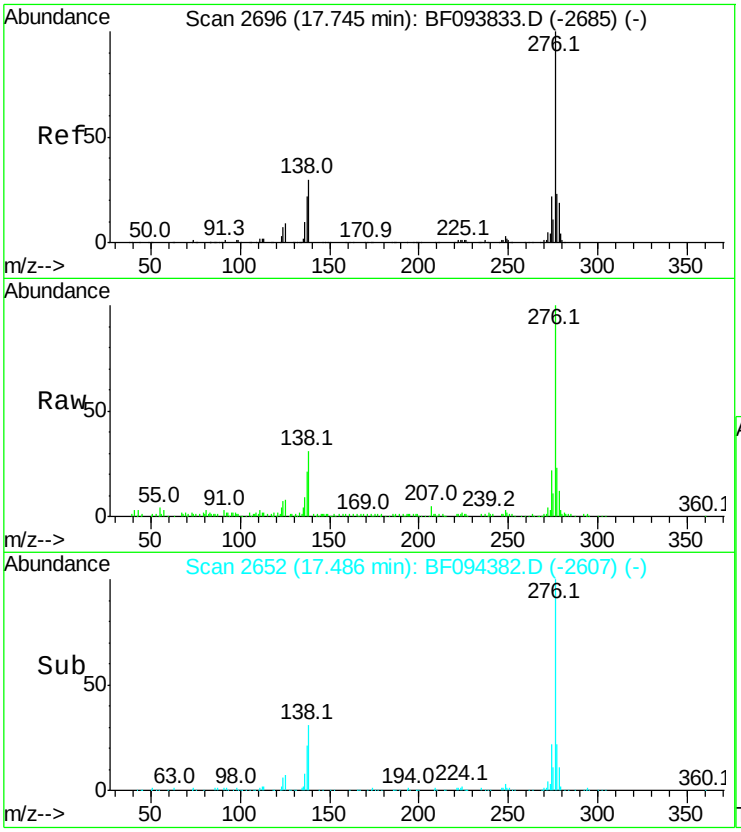


#82
Chrysene
Concen: 21.99 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:228 Resp: 276492

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.3	15.8	23.6



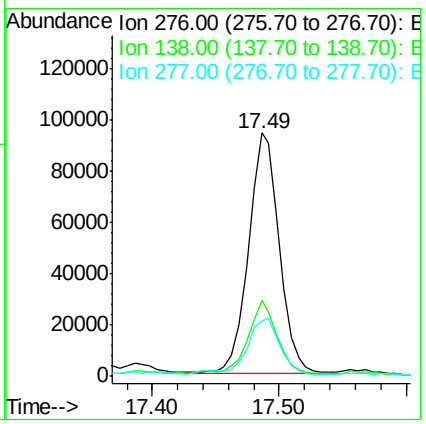


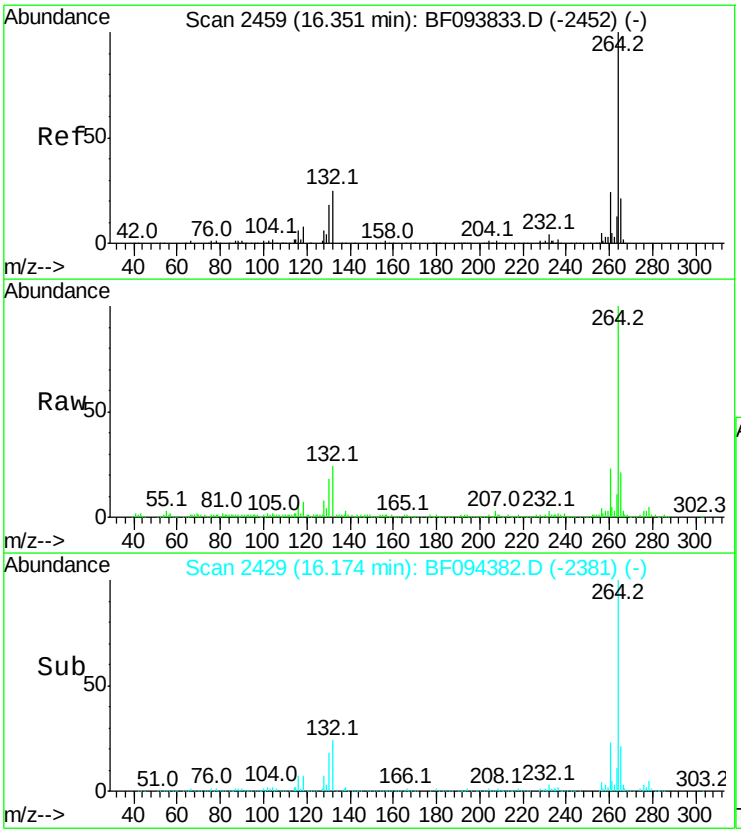
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.63 ng
RT: 17.49 min Scan# 2652
Delta R.T. -0.04 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 159268

Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	25.2	20.2	30.4

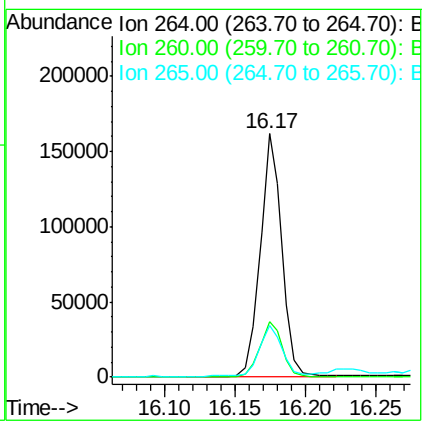


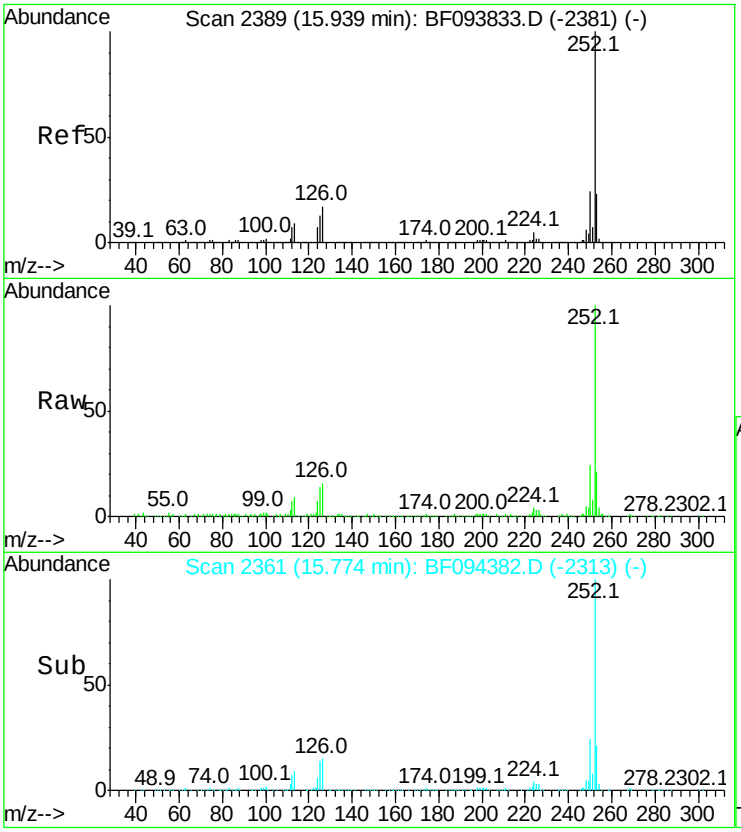


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:264 Resp: 175374

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.4	17.2	25.8



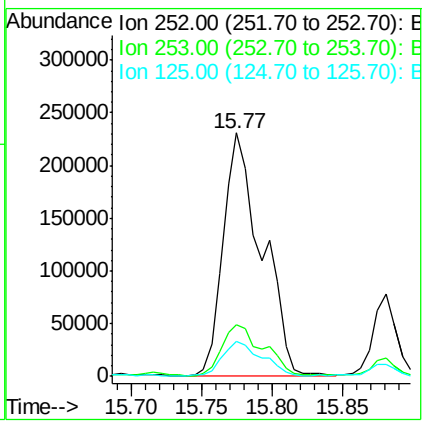


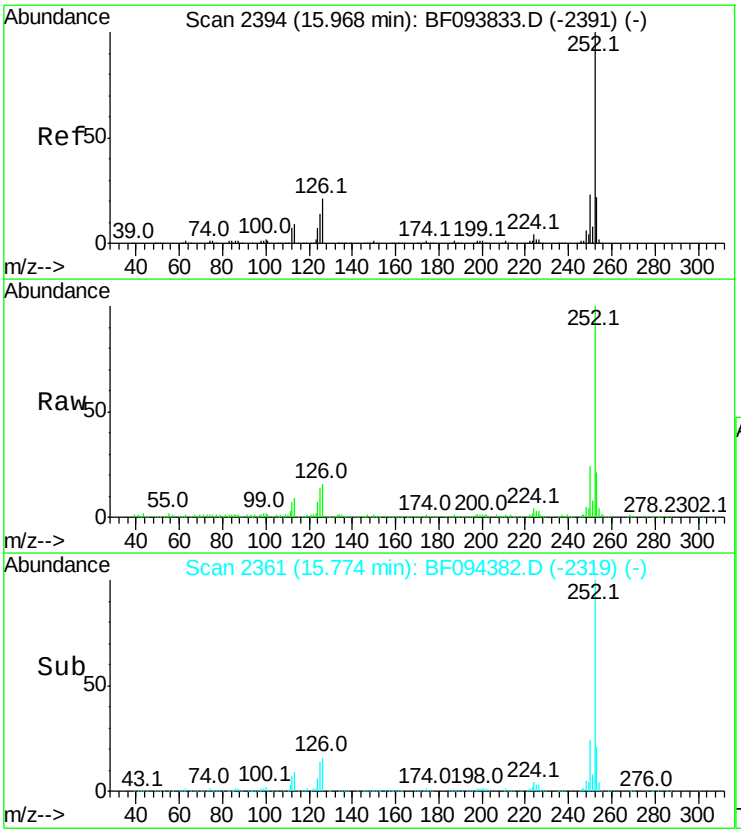
#87
Benzo(b)fluoranthene
Concen: 40.80 ng
RT: 15.77 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 438538

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	14.3	9.8	14.8

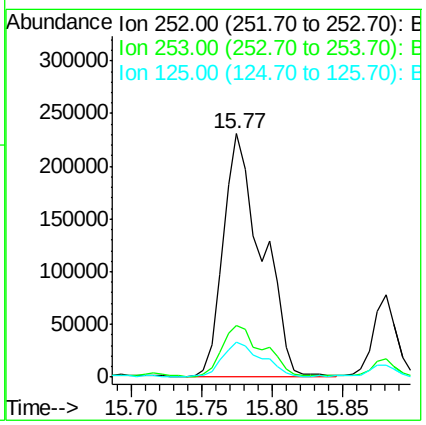


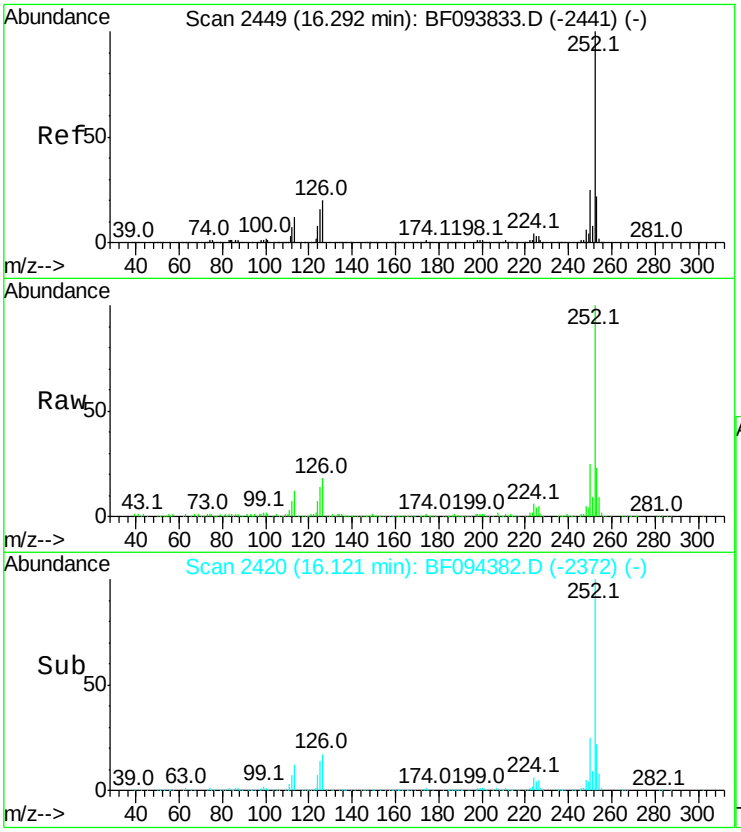


#88
Benzo(k)fluoranthene
Concen: 41.69 ng
RT: 15.77 min Scan# 2361
Delta R.T. -0.05 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:252 Resp: 438538

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	14.3	13.1	19.7



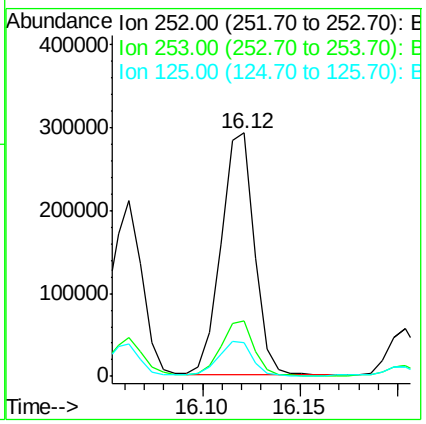


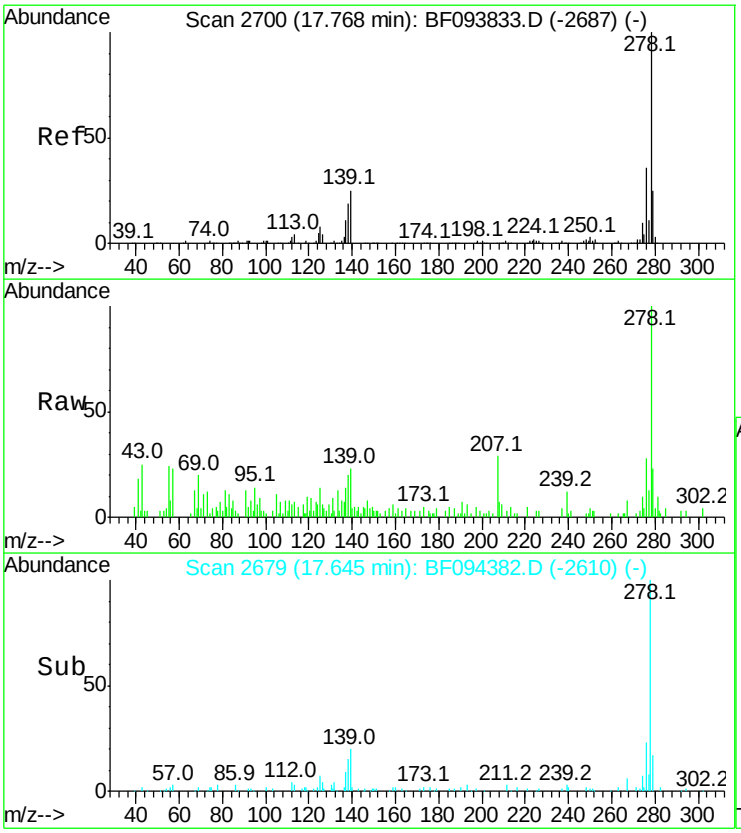
#89
Benzo(a)pyrene
Concen: 34.90 ng
RT: 16.12 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 345511

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.9	11.0	16.4

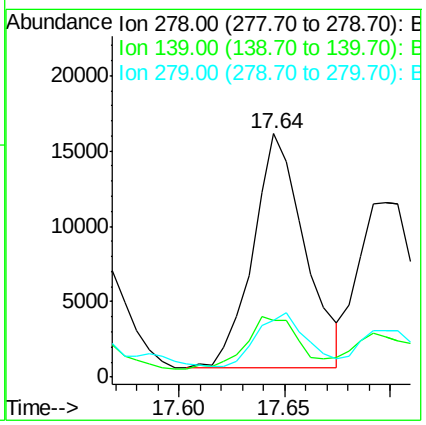


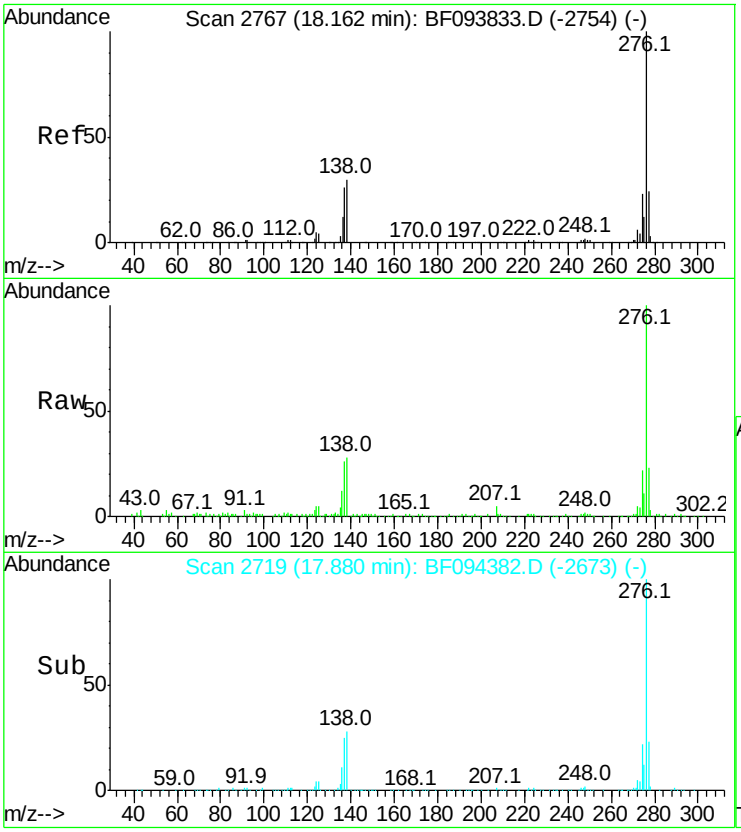


#90
Dibenzo(a,h)anthracene
Concen: 3.15 ng
RT: 17.64 min Scan# 2679
Delta R.T. 0.11 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Tgt Ion:278 Resp: 26399

Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.3	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 25.14 ng
RT: 17.88 min Scan# 2719
Delta R.T. -0.03 min
Lab File: BF094382.D
Acq: 12 Apr 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 212431

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	28.1	25.4	38.0