Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094557.D
Acq On : 20 Apr 2017 21:01
Operator : SJ/MA
Sample : I2744-18 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 21 01:06:06 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	130229	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	512204	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	204699	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	335830	20.00	ng		-0.01
75) Chrysene-d12	14.46	240	257637	20.00	ng		0.00
86) Perylene-d12	16.09	264	220421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	472447	60.19	ng		0.00
7) Phenol-d6	5.38	99	578924	62.56	ng		0.00
23) Nitrobenzene-d5	6.41	82	345178	41.61	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	97177	60.69	ng		-0.01
44) 2-Fluorobiphenyl	8.58	172	644211	46.30	ng		0.00
78) Terphenyl-d14	13.18	244	449400	46.62	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.41	70	44084	7.19	ng	#	76
49) Dimethylphthalate	9.08	163	150259	9.85	ng		99
56) 2,4-Dinitrotoluene	9.39	165	26845	6.39	ng	#	32
70) Phenanthrene	11.24	178	112037	5.92	ng		98
74) Fluoranthene	12.70	202	236873	12.09	ng		97
77) Pyrene	12.97	202	260438	14.47	ng		96
80) Benzo(a)anthracene	14.45	228	114390	7.64	ng		97
82) Chrysene	14.49	228	116477	8.51	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	56318	4.32	ng		94
87) Benzo(b)fluoranthene	15.69	252	174424	12.94	ng	#	93
88) Benzo(k)fluoranthene	15.69	252	174424	13.67	ng		97
89) Benzo(a)pyrene	16.03	252	96492	7.69	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	56695	5.35	ng		96

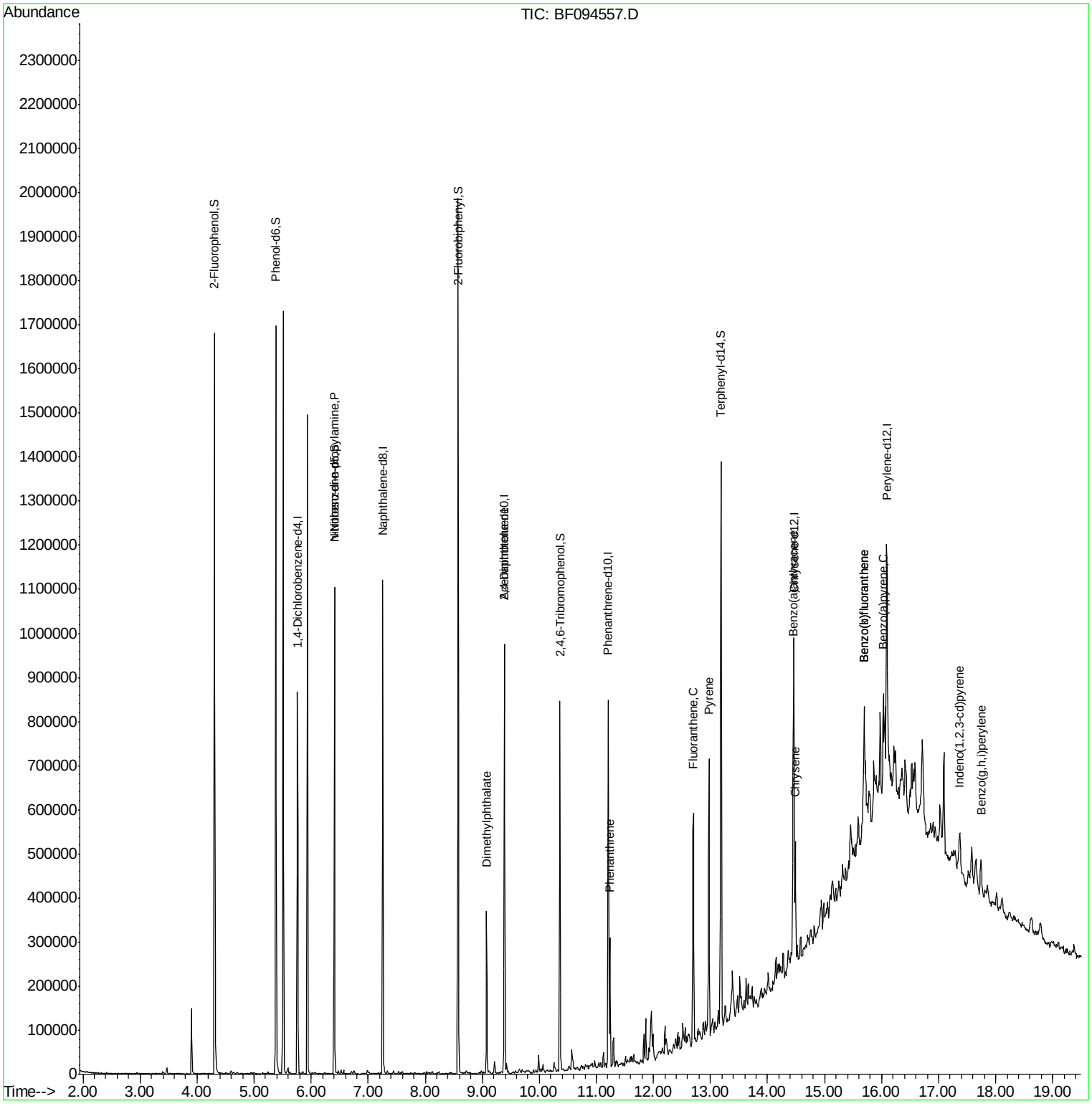
(#) = qualifier out of range (m) = manual integration (+) = signals summed

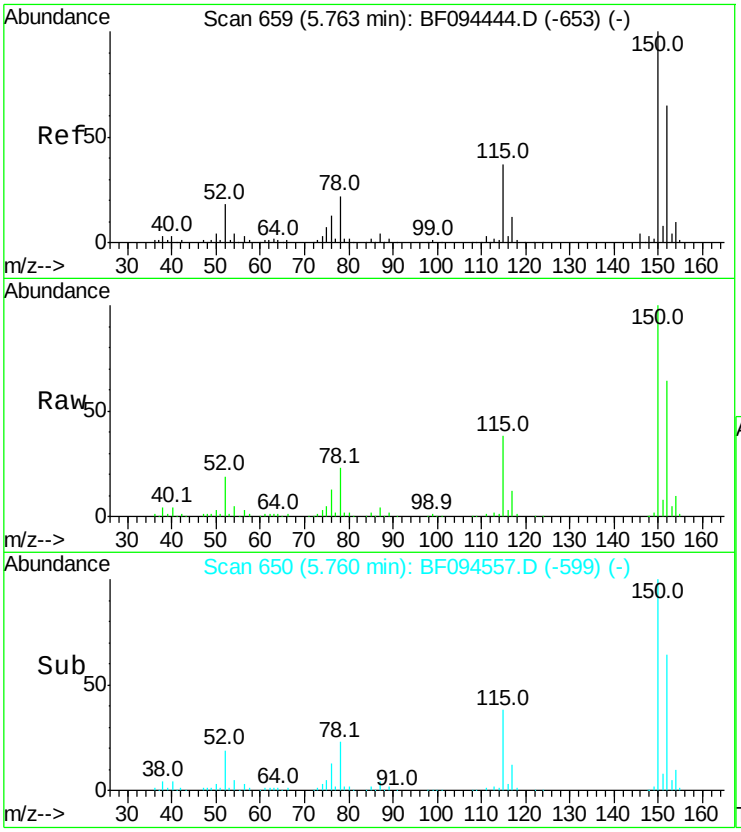
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094557.D
Acq On : 20 Apr 2017 21:01
Operator : SJ/MA
Sample : I2744-18 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 01:06:06 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



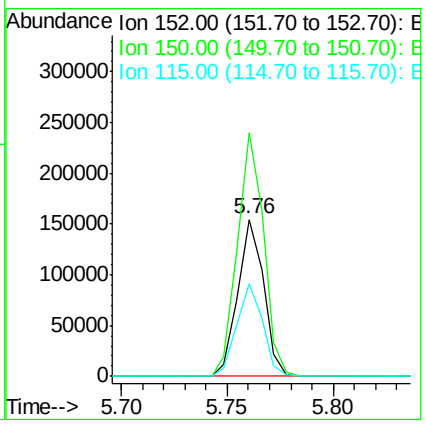


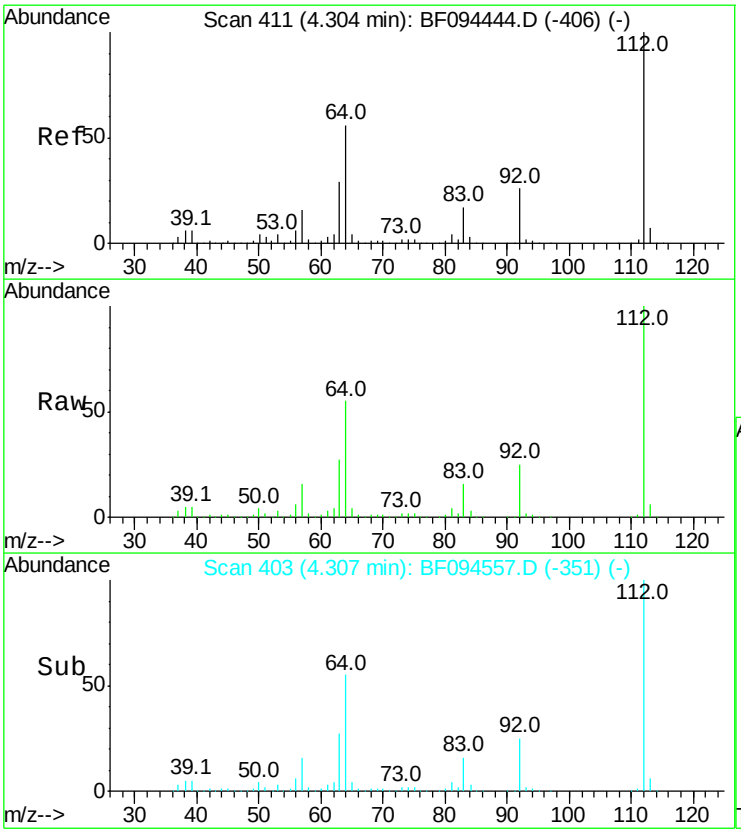
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130229

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	59.5	52.2	78.2

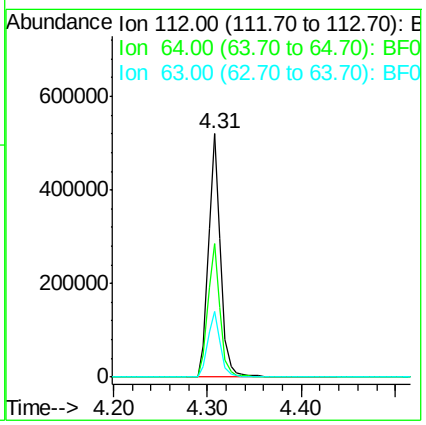


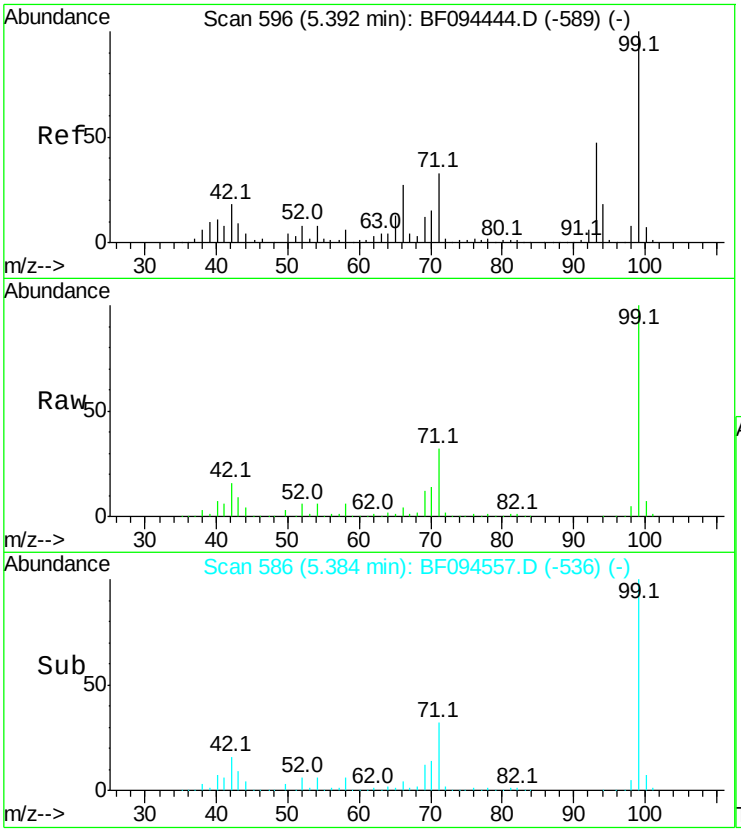


#5
2-Fluorophenol
Concen: 60.19 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:112 Resp: 472447

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	27.1	23.4	35.0



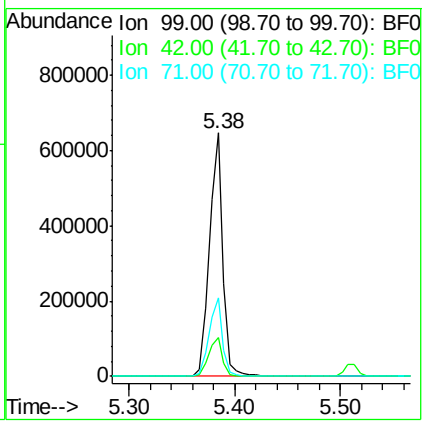


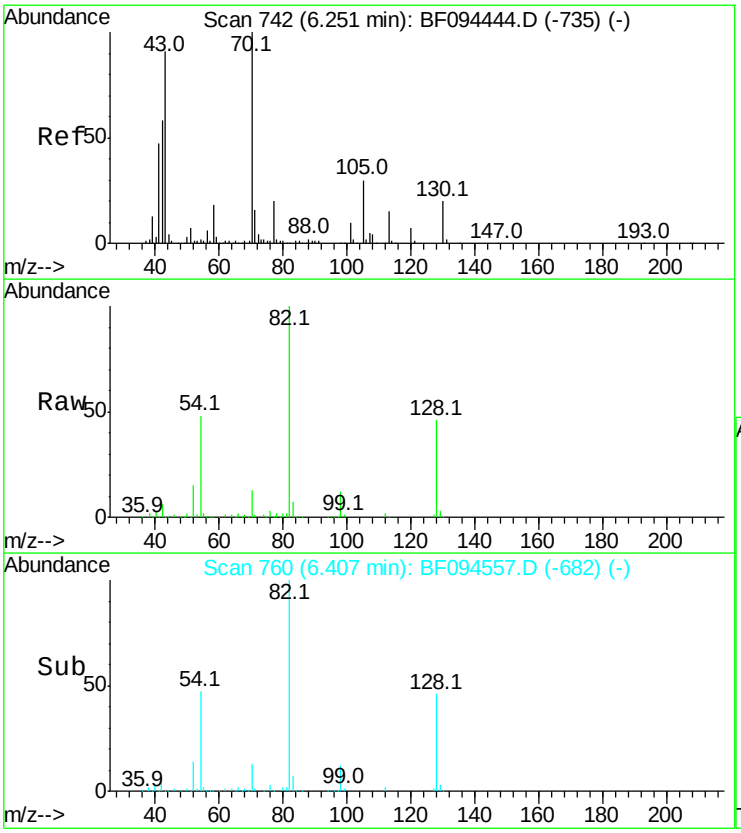
#7
Phenol-d6
Concen: 62.56 ng
RT: 5.38 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 578924

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.4	24.5	36.7

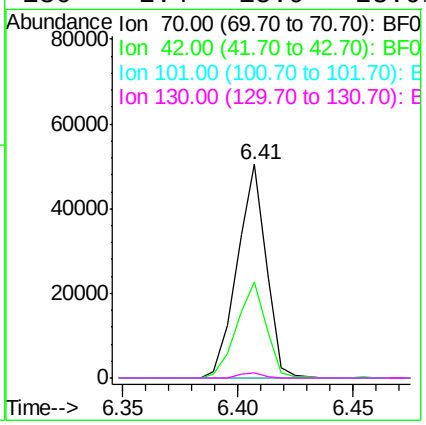


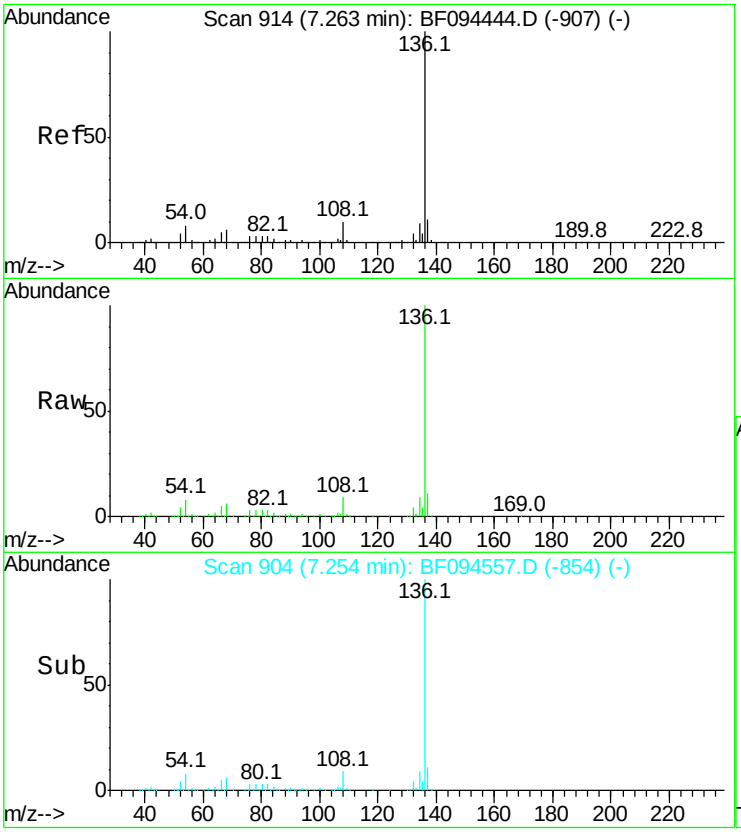


#19
n-Nitroso-di-n-propylamine
Concen: 7.19 ng
RT: 6.41 min Scan# 760
Delta R.T. 0.16 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion: 70 Resp: 44084

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



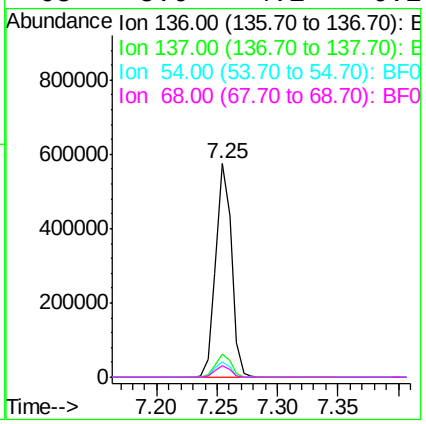


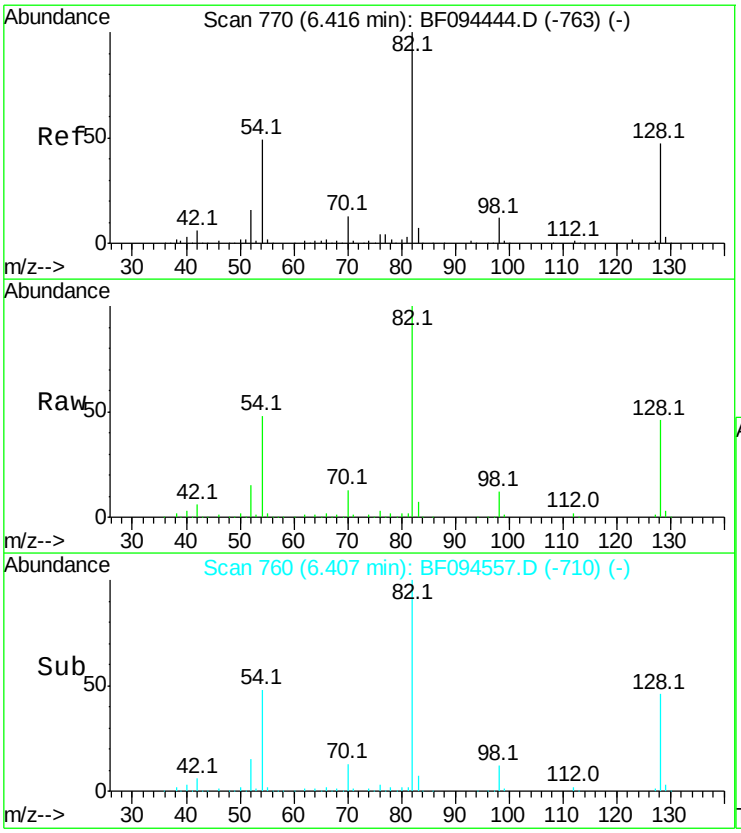
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 512204

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.6	4.1	6.1

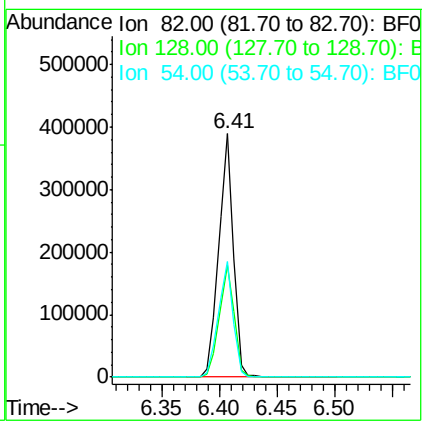


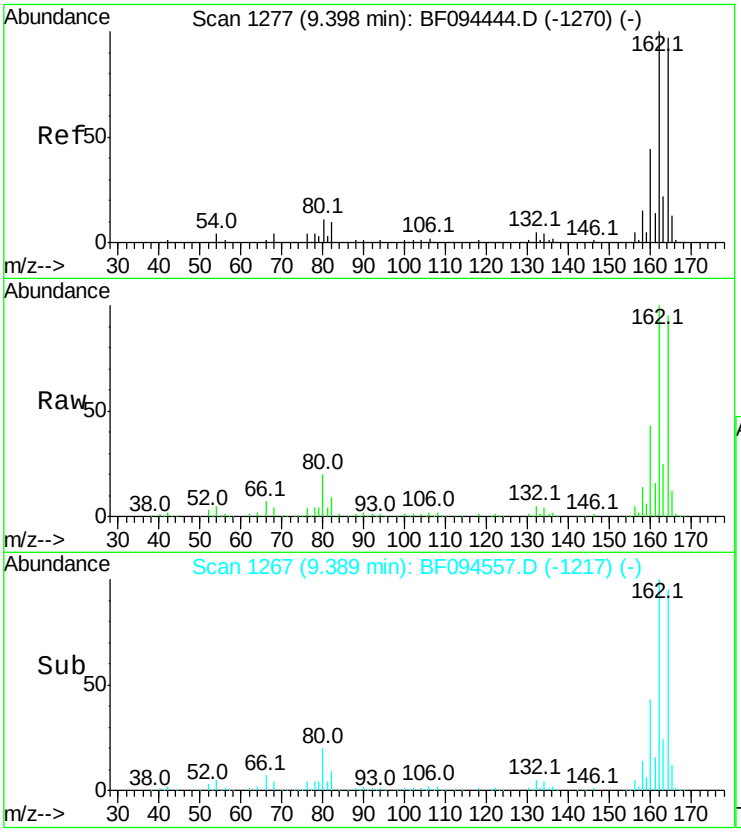


#23
Nitrobenzene-d5
Concen: 41.61 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion: 82 Resp: 345178

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	47.6	42.2	63.2



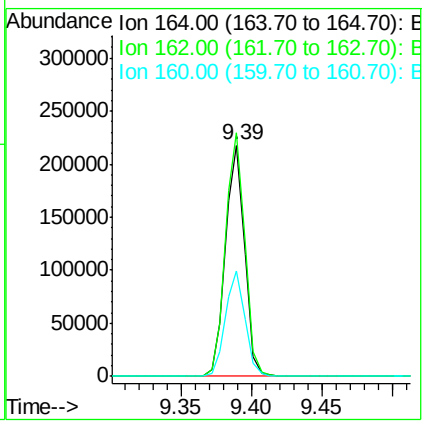


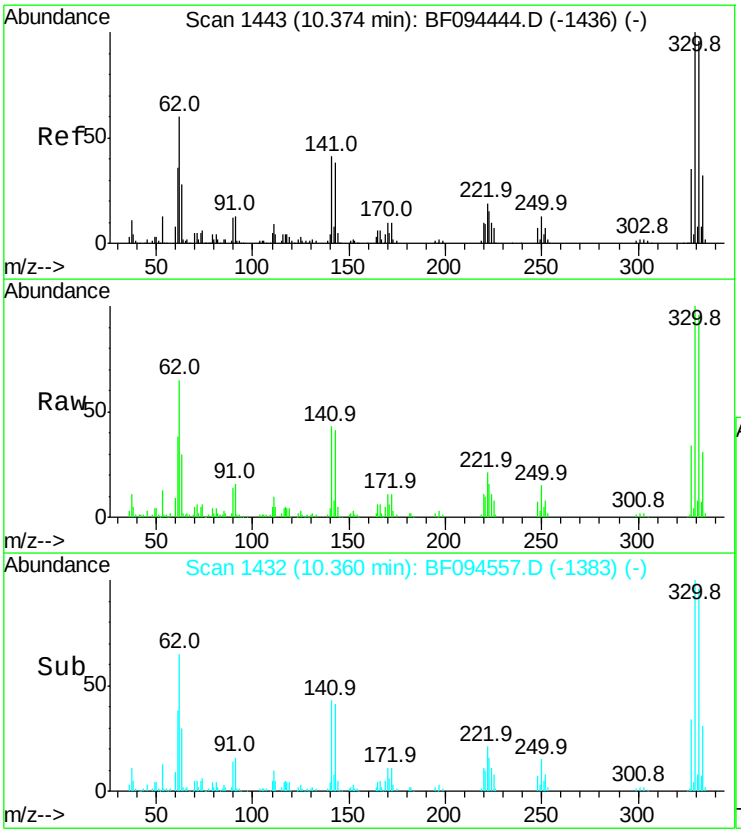
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 204699

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.4	36.2	54.2

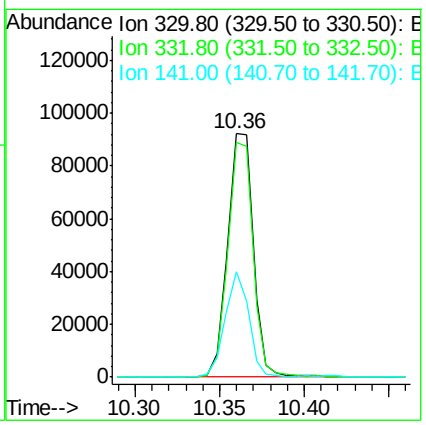


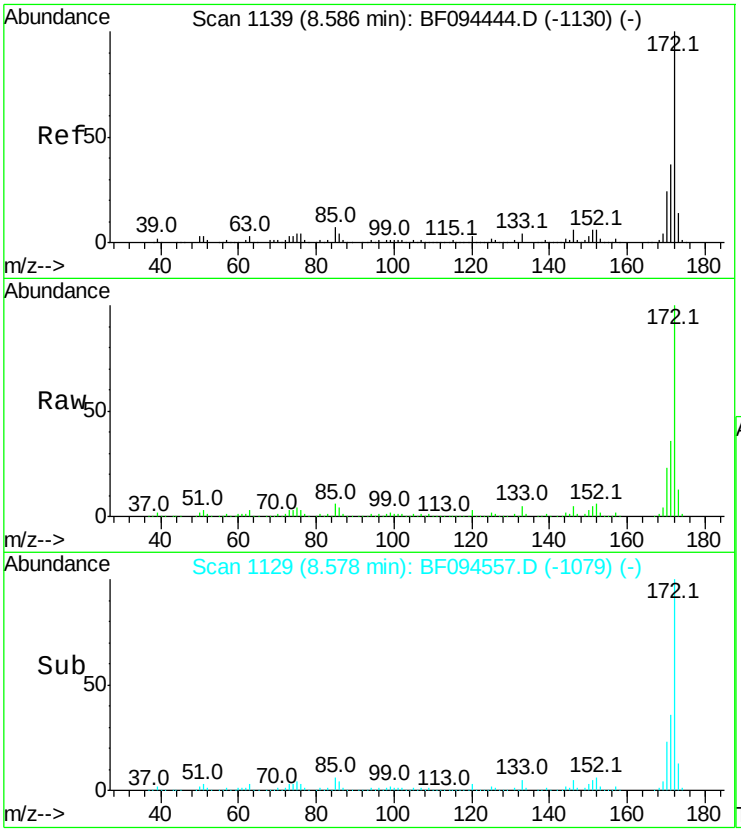


#41
2,4,6-Tribromophenol
Concen: 60.69 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:330 Resp: 97177

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	39.7	31.4	47.2



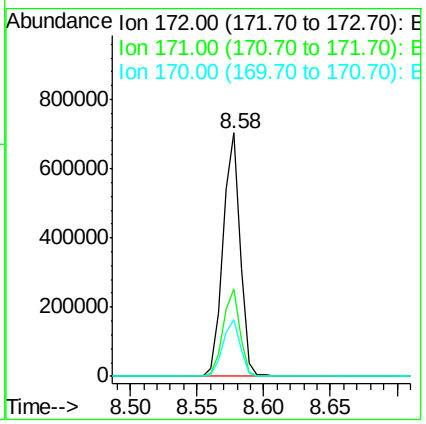


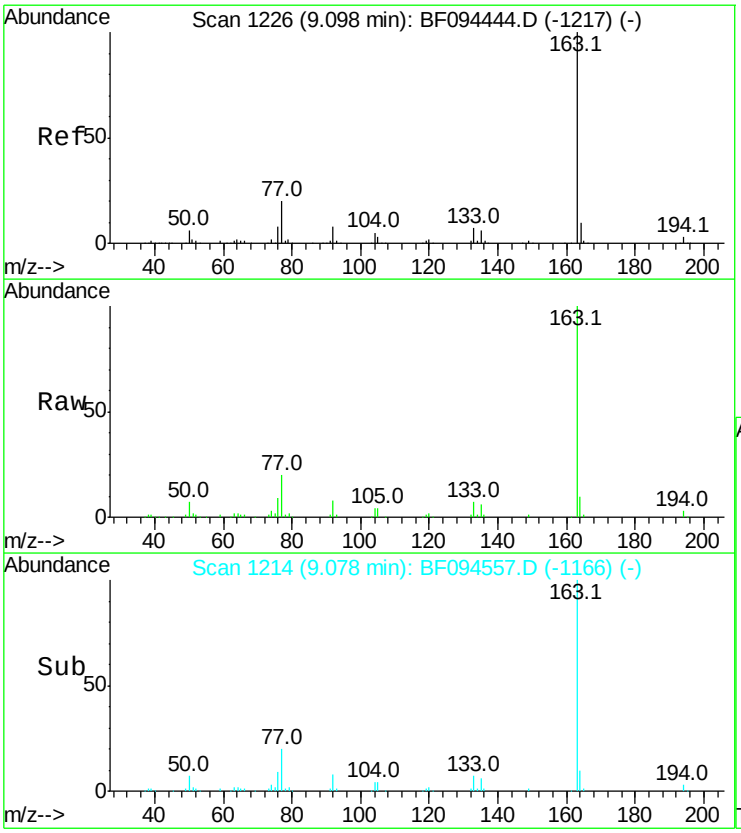
#44
2-Fluorobiphenyl
Concen: 46.30 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 644211

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.3	19.8	29.8

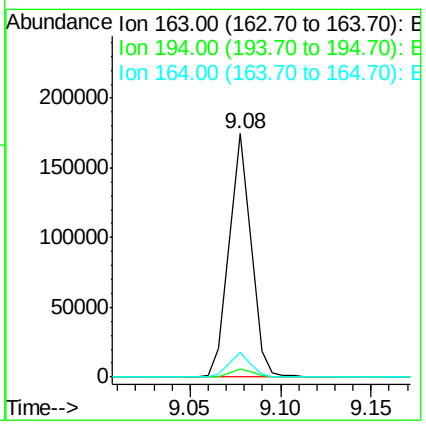


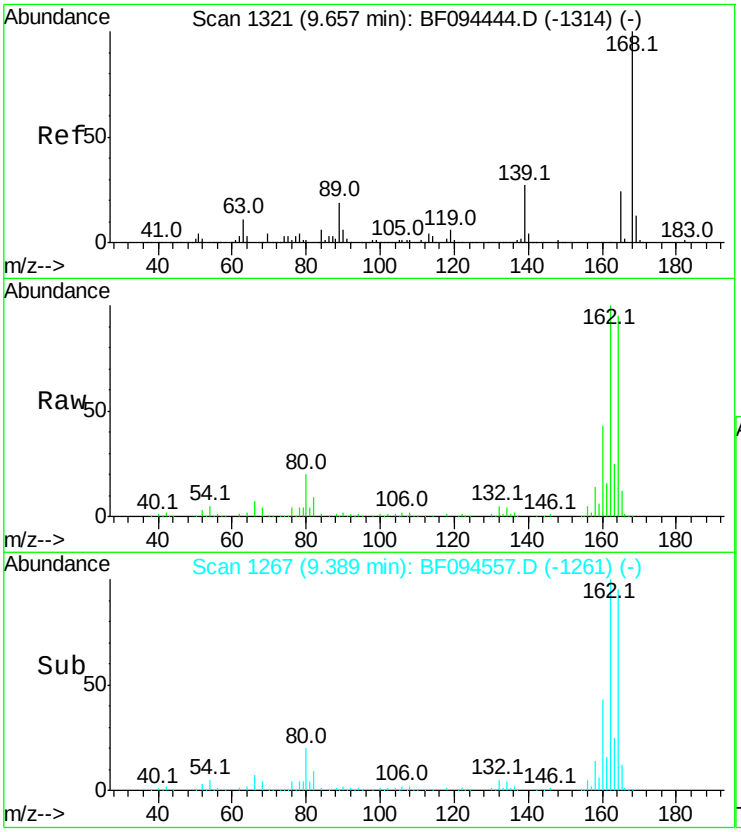


#49
Dimethylphthalate
Concen: 9.85 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:163 Resp: 150259

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6



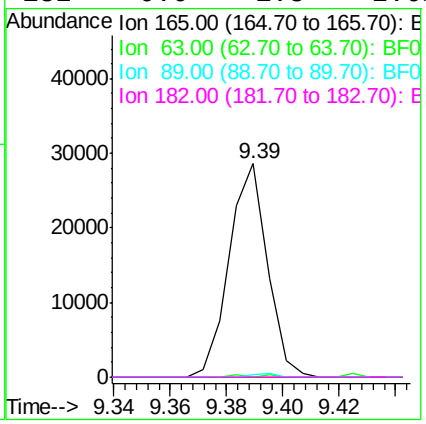


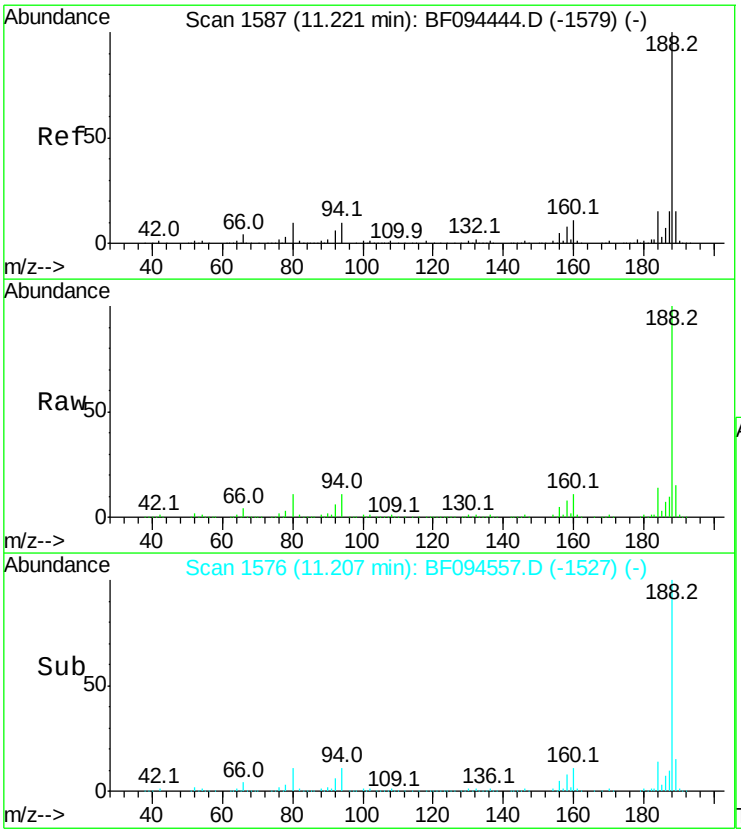
#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26845

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

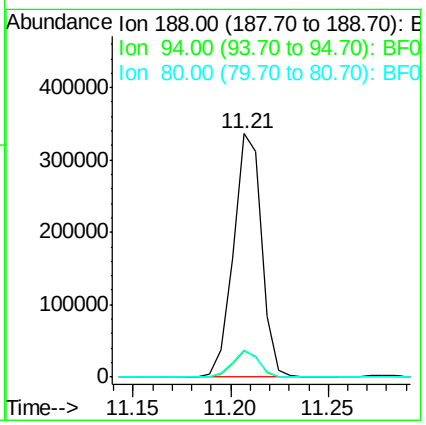


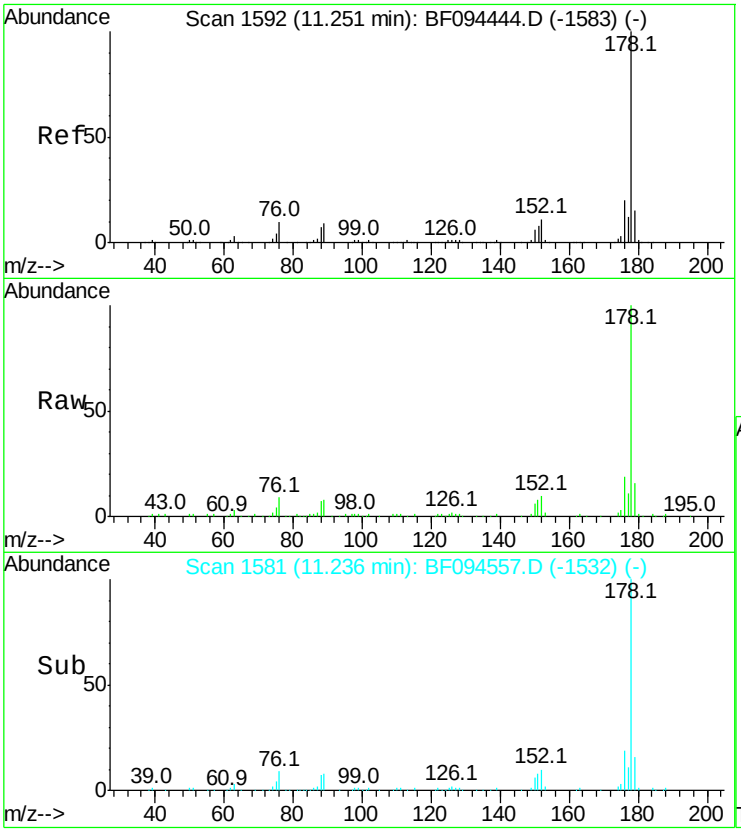


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:188 Resp: 335830

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2



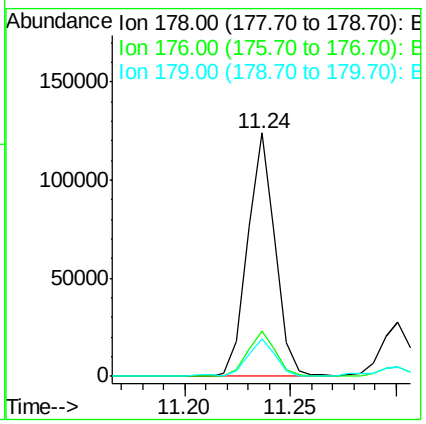


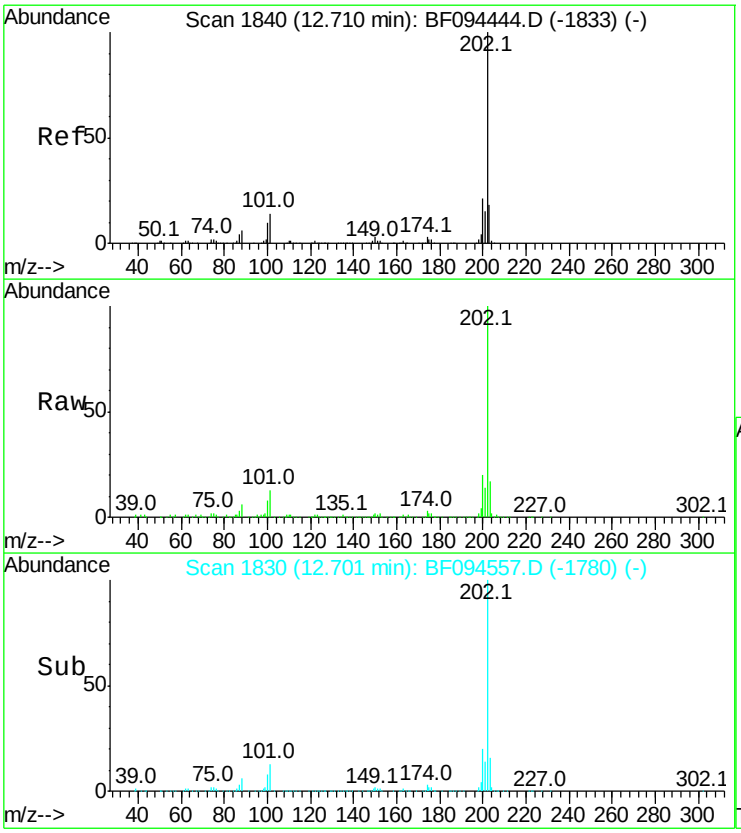
#70
Phenanthrene
Concen: 5.92 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 112037

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.6	12.6	19.0

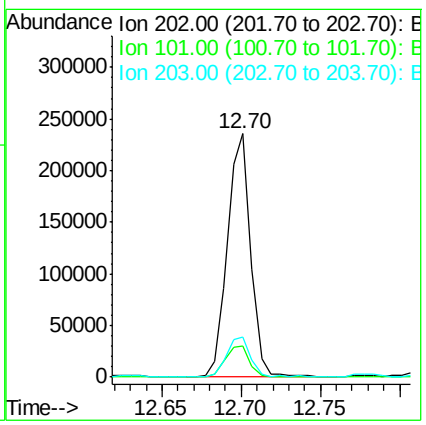


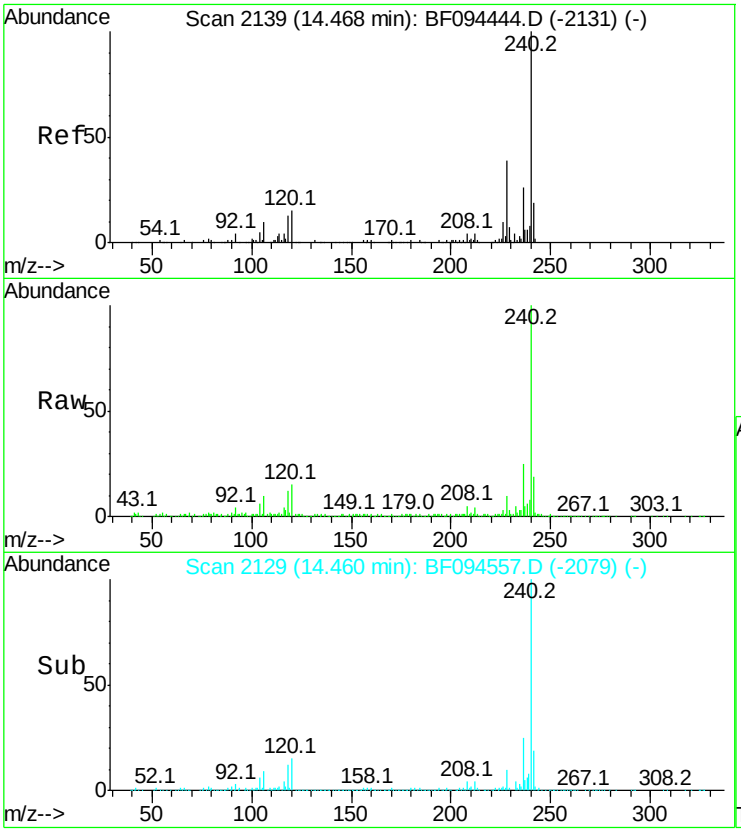


#74
Fluoranthene
Concen: 12.09 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:202 Resp: 236873

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	16.6	0.0	38.1



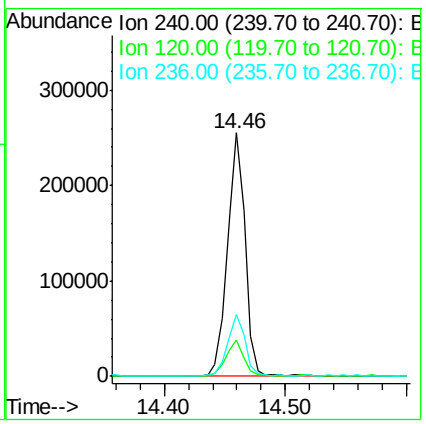


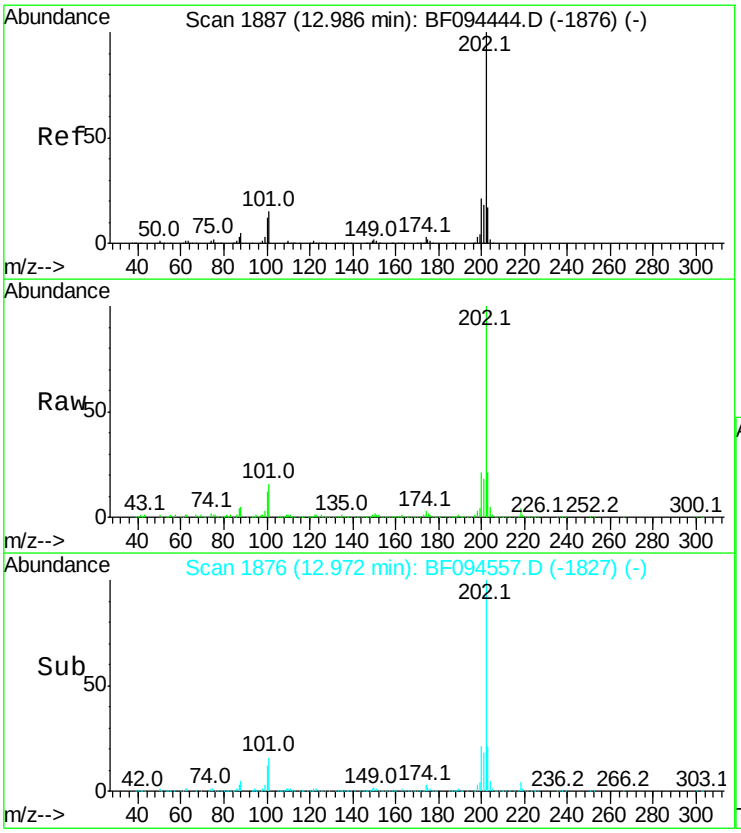
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 257637

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.4	20.5	30.7

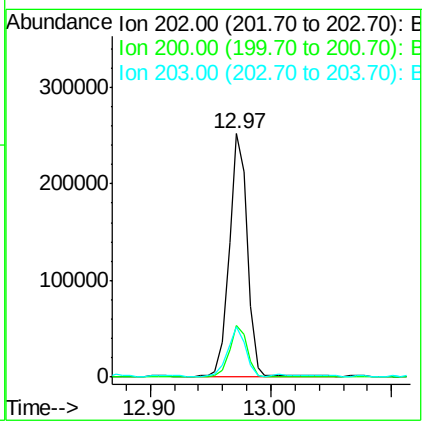


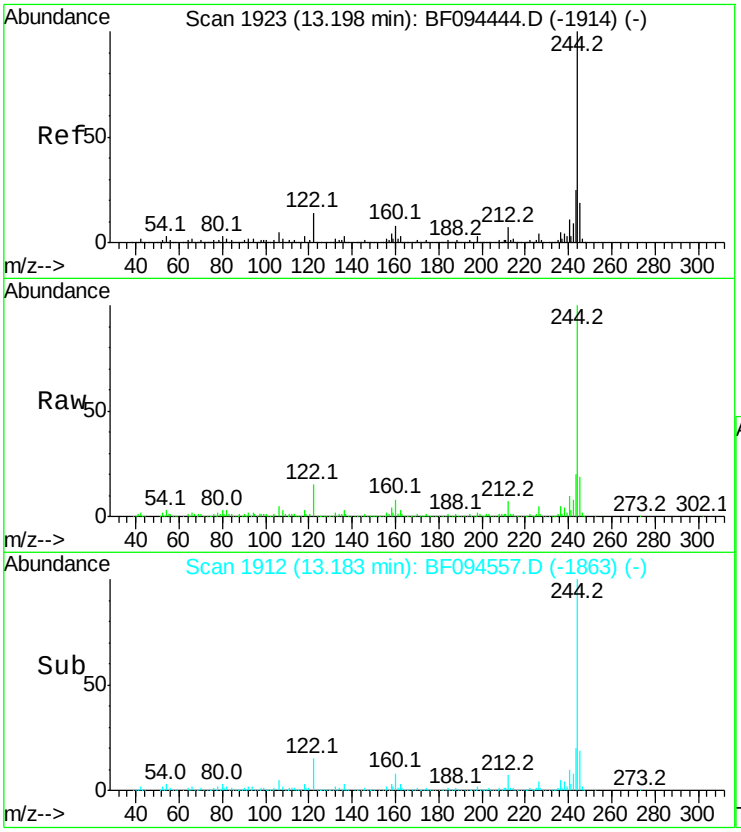


#77
Pyrene
Concen: 14.47 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:202 Resp: 260438

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.5	14.4	21.6



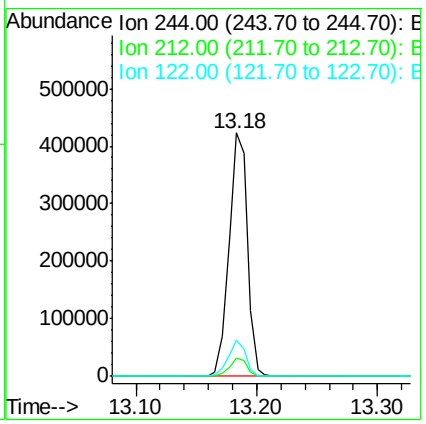


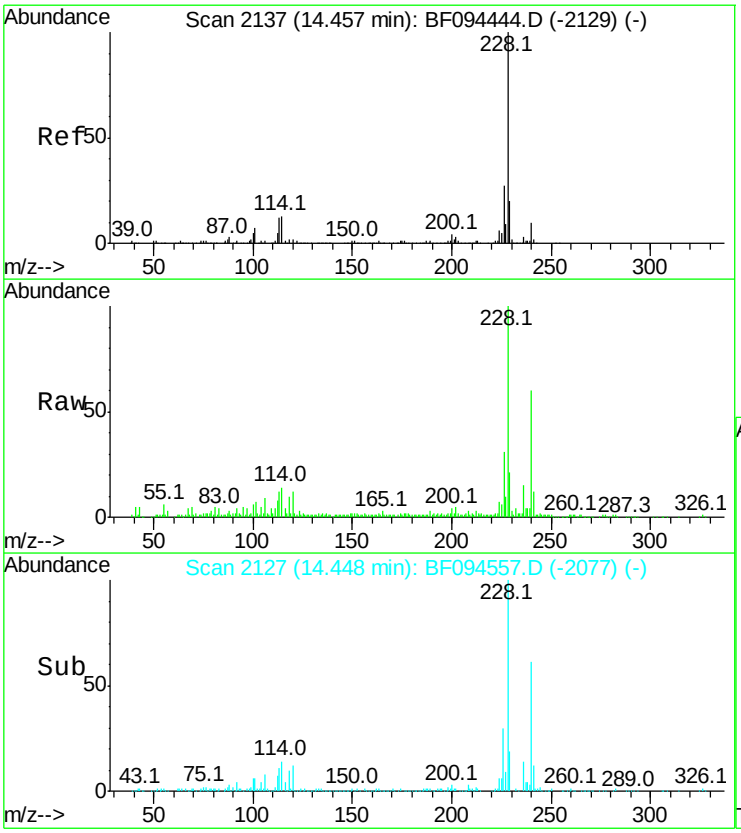
#78
Terphenyl-d14
Concen: 46.62 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 449400

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.8	10.3	15.5

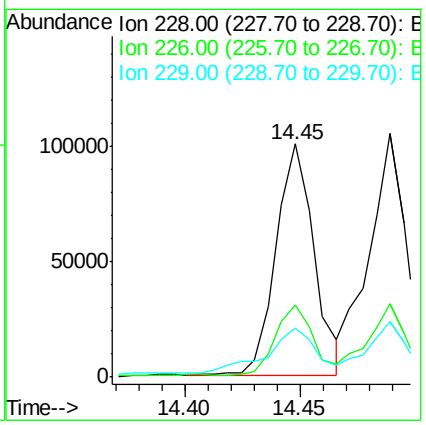


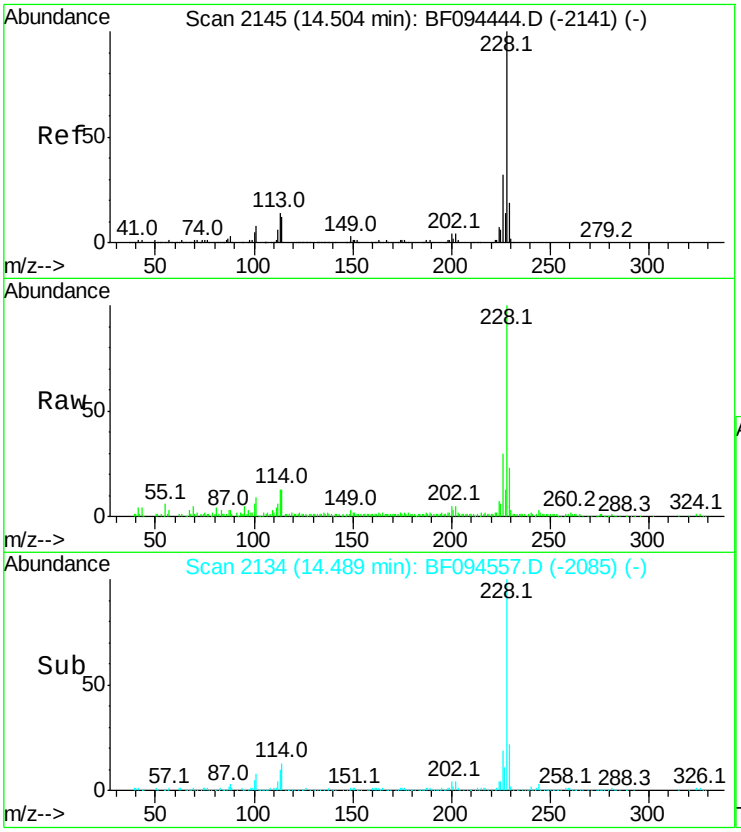


#80
Benzo(a)anthracene
Concen: 7.64 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:228 Resp: 114390

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	21.0	16.3	24.5



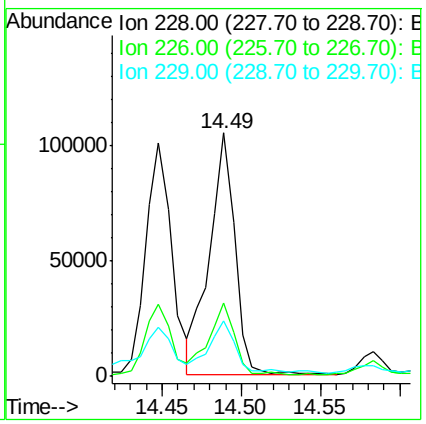


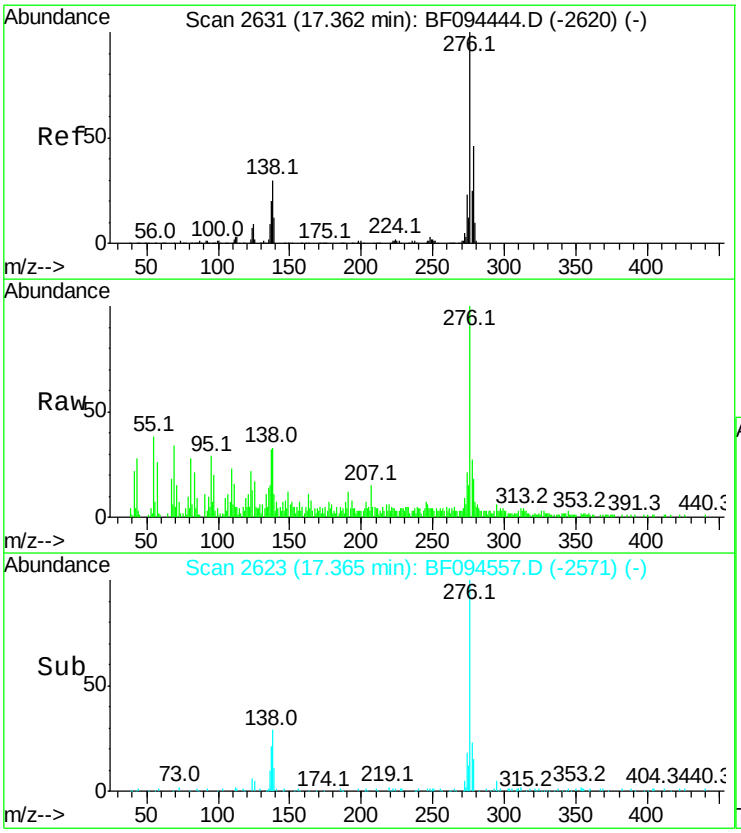
#82
Chrysene
Concen: 8.51 ng
RT: 14.49 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 116477

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.6	15.8	23.6

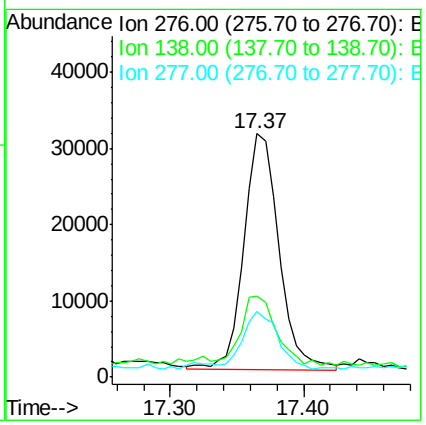


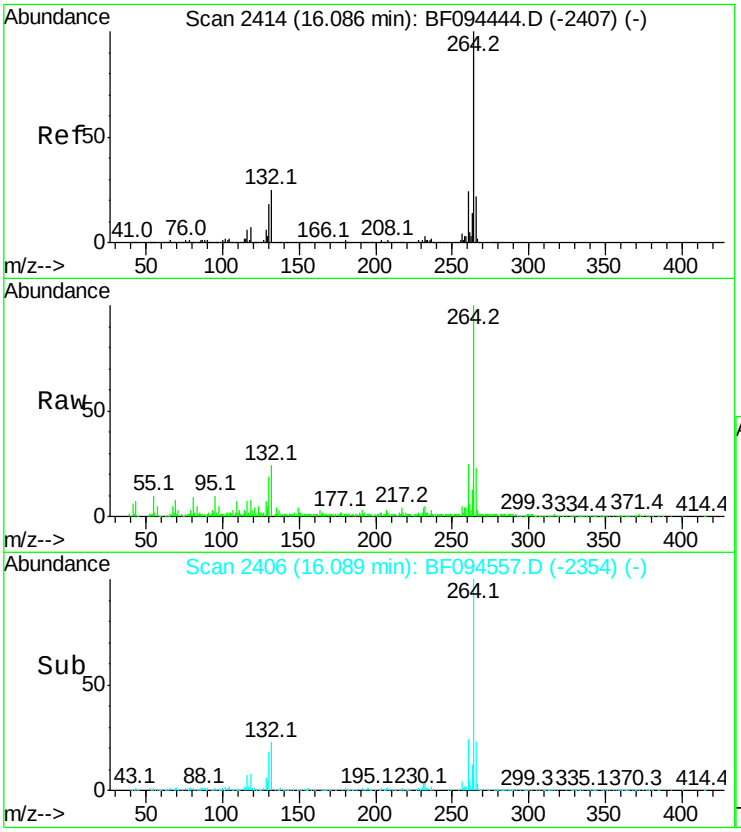


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.32 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:276 Resp: 56318

Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	24.0	20.2	30.4



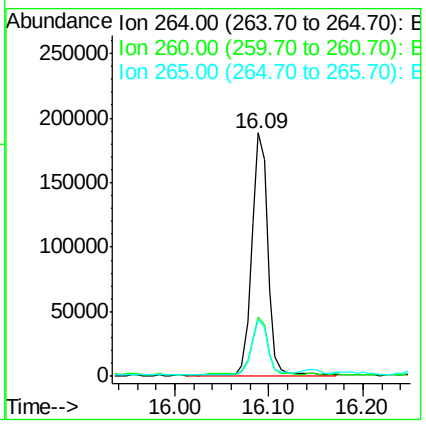


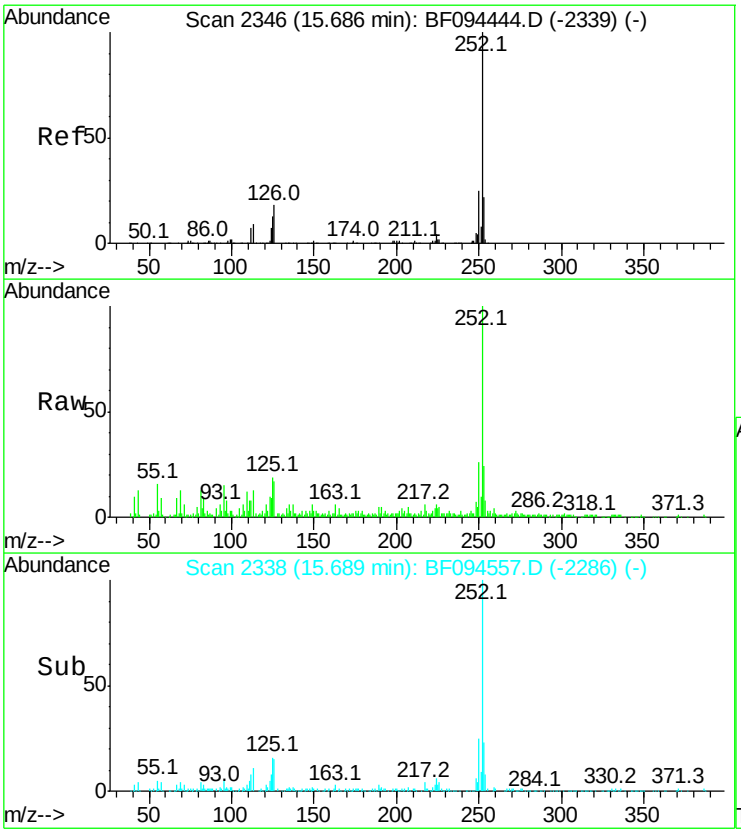
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 220421

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.1	17.2	25.8

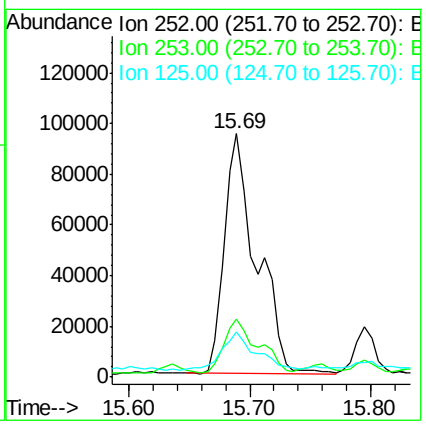


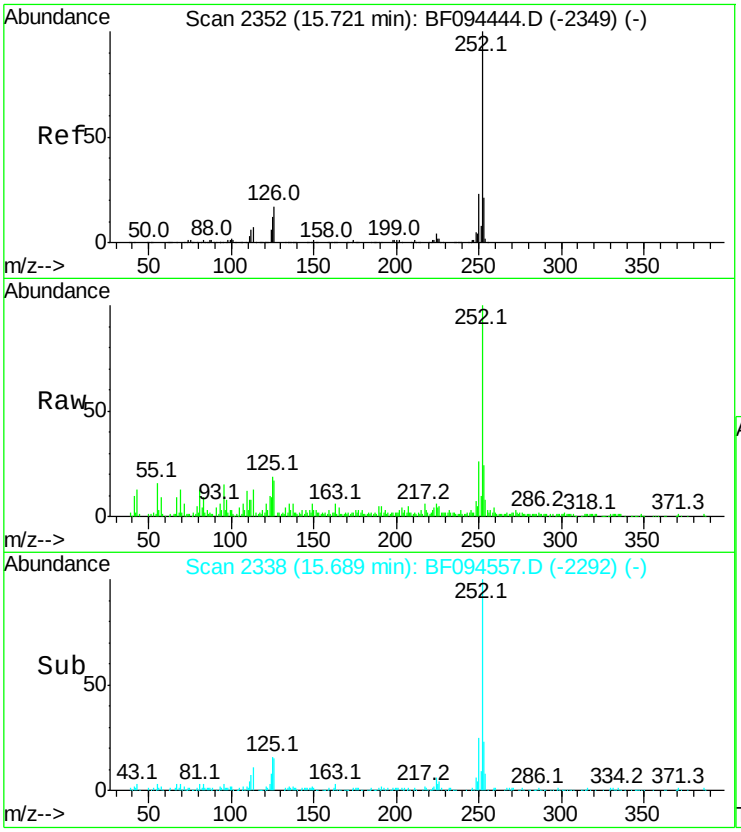


#87
Benzo(b)fluoranthene
Concen: 12.94 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:252 Resp: 174424

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	18.6	9.8	14.8#



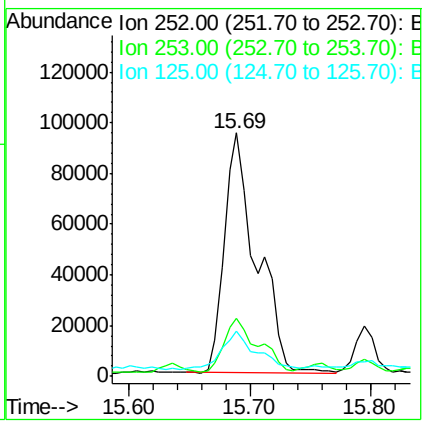


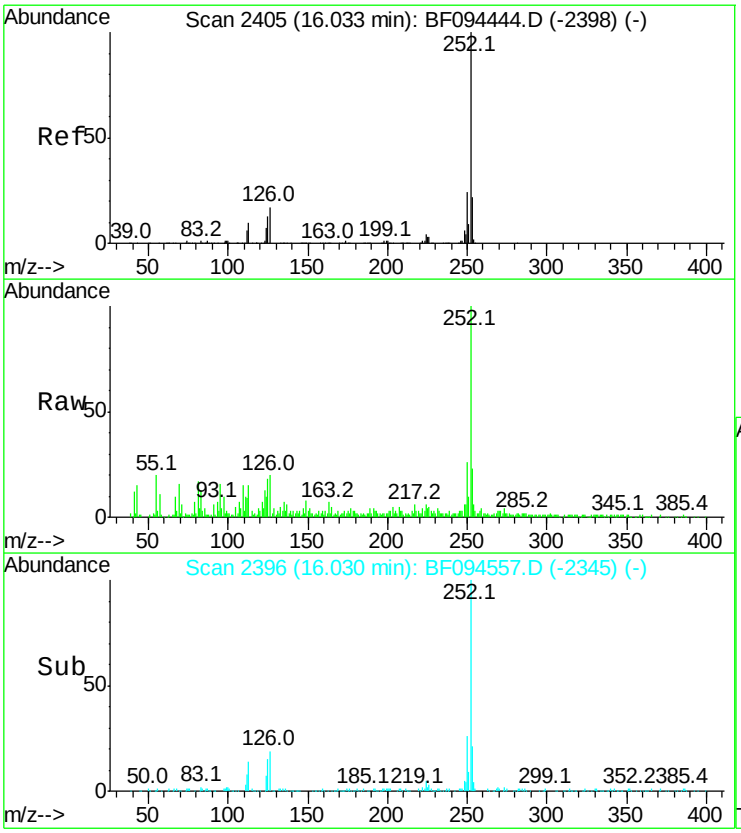
#88
Benzo(k)fluoranthene
Concen: 13.67 ng
RT: 15.69 min Scan# 2338
Delta R.T. -0.03 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 174424

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	18.6	13.1	19.7

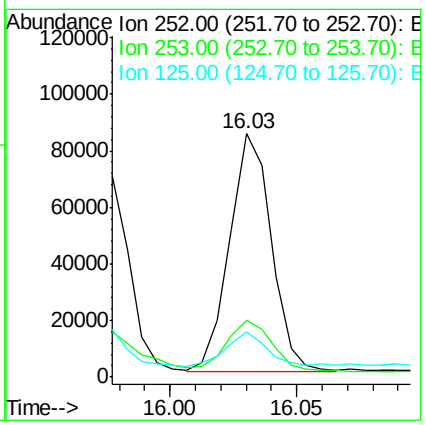


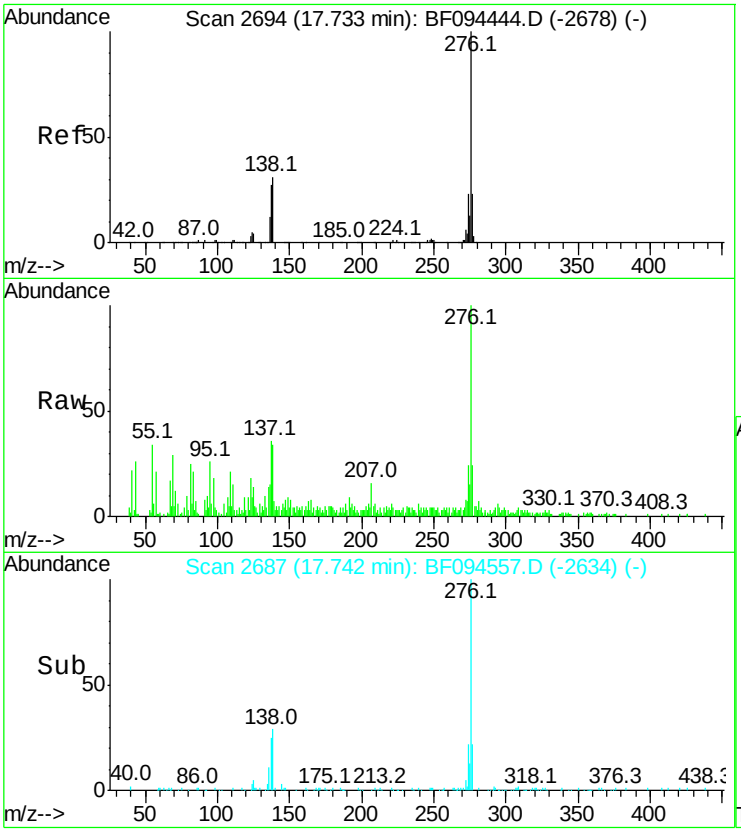


#89
Benzo(a)pyrene
Concen: 7.69 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Tgt Ion:252 Resp: 96492

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	18.5	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.35 ng
RT: 17.74 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF094557.D
Acq: 20 Apr 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 56695

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	34.2	25.4	38.0