Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094970.D
Acq On : 8 May 2017 5:42
Operator : SJ/MA
Sample : I2947-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 08 07:58:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	102440	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	377513	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	179681	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	305942	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	227269	20.00	ng	-0.02
86) Perylene-d12	20.30	264	188634	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	610114	99.30	ng	-0.02
7) Phenol-d6	7.25	99	797528	108.18	ng	-0.02
23) Nitrobenzene-d5	8.61	82	458175	76.53	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	152325	103.51	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	743715	59.58	ng	-0.02
78) Terphenyl-d14	17.29	244	513726	49.79	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.27	94	17296	2.23	ng	# 59
19) n-Nitroso-di-n-propylamine	8.61	70	57738	11.58	ng	# 77
32) Benzoic acid	9.68	122	172	5.12	ng	97
49) Dimethylphthalate	12.21	163	154021	10.44	ng	99
74) Fluoranthene	16.75	202	82706	4.59	ng	97
77) Pyrene	17.05	202	85377	5.02	ng	95
80) Benzo(a)anthracene	18.67	228	58100	4.39	ng	94
82) Chrysene	18.67	228	58100	4.54	ng	98
85) Indeno(1,2,3-cd)pyrene	21.60	276	36053	3.47	ng	96
87) Benzo(b)fluoranthene	19.90	252	73473	6.30	ng	# 97
88) Benzo(k)fluoranthene	19.90	252	73473	6.53	ng	99
89) Benzo(a)pyrene	20.25	252	49925	4.64	ng	95
91) Benzo(g,h,i)perylene	21.98	276	37608	4.31	ng	# 94

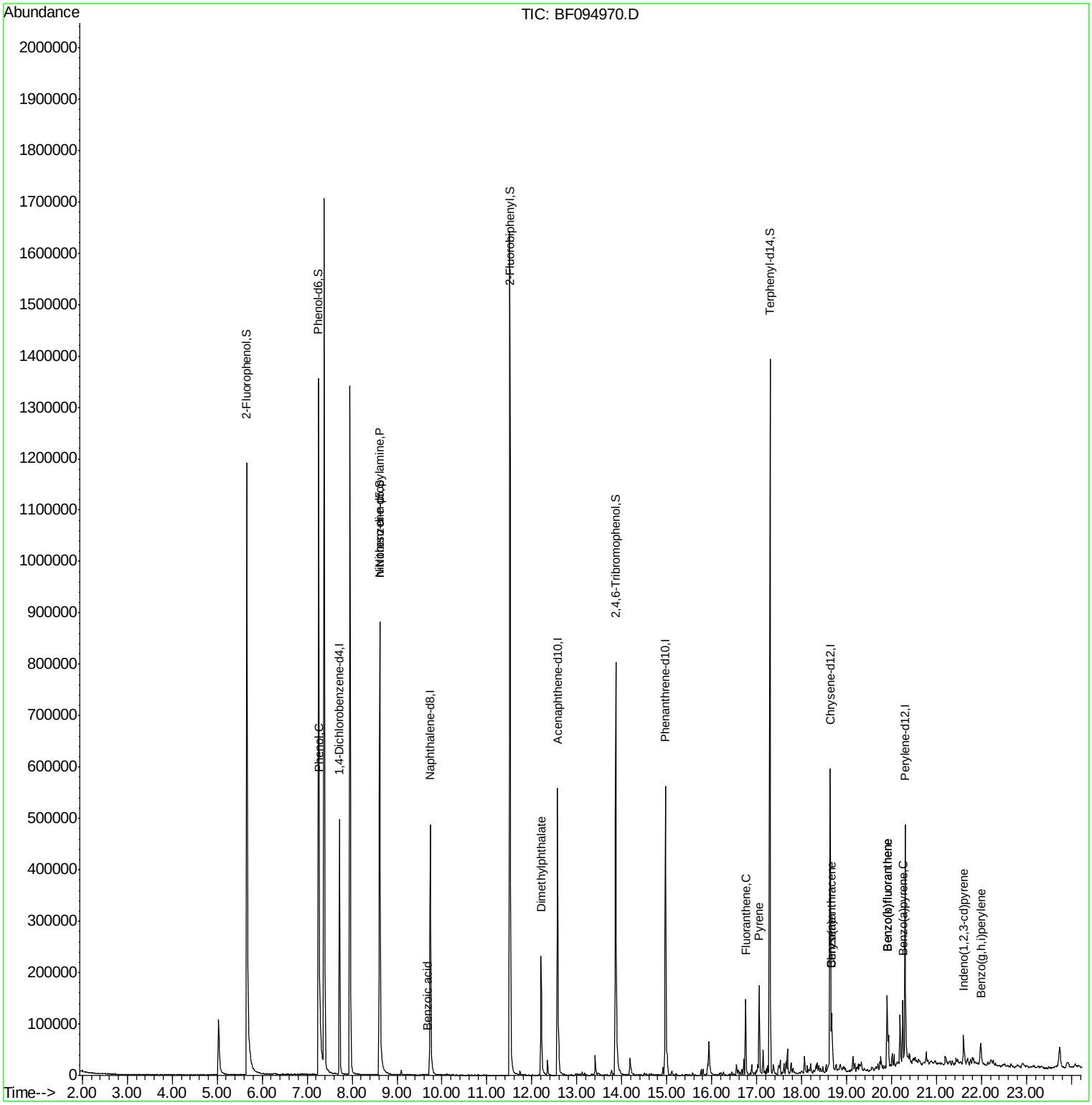
(#) = qualifier out of range (m) = manual integration (+) = signals summed

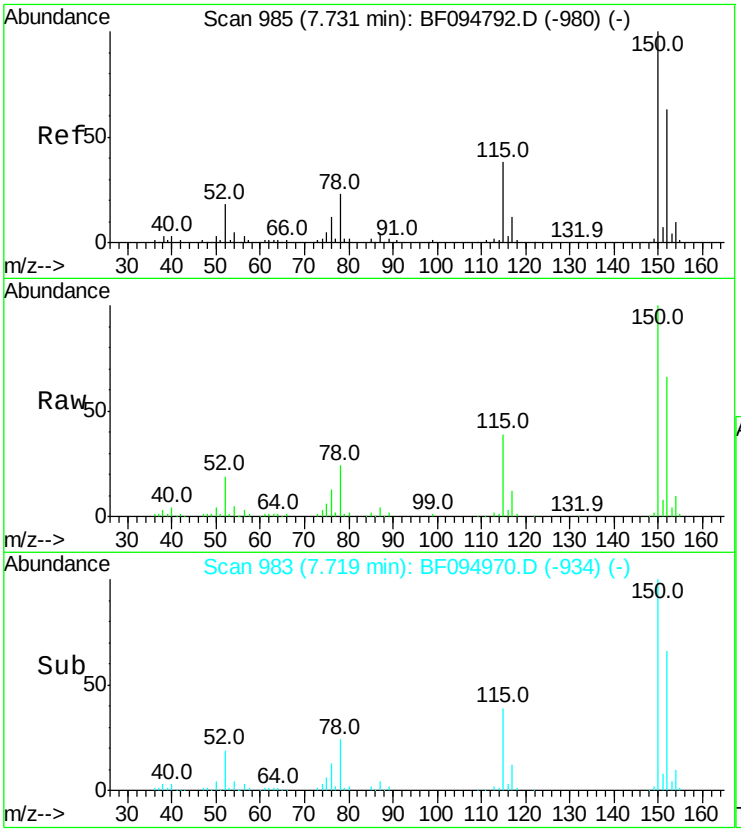
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094970.D
Acq On : 8 May 2017 5:42
Operator : SJ/MA
Sample : I2947-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 08 07:58:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



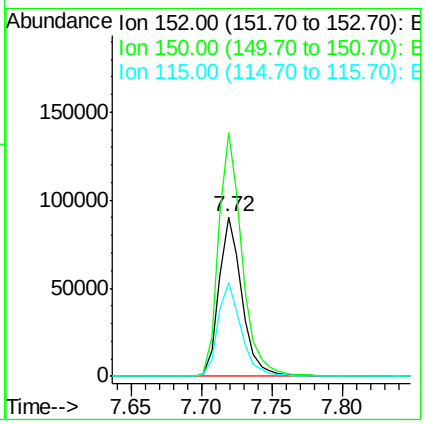


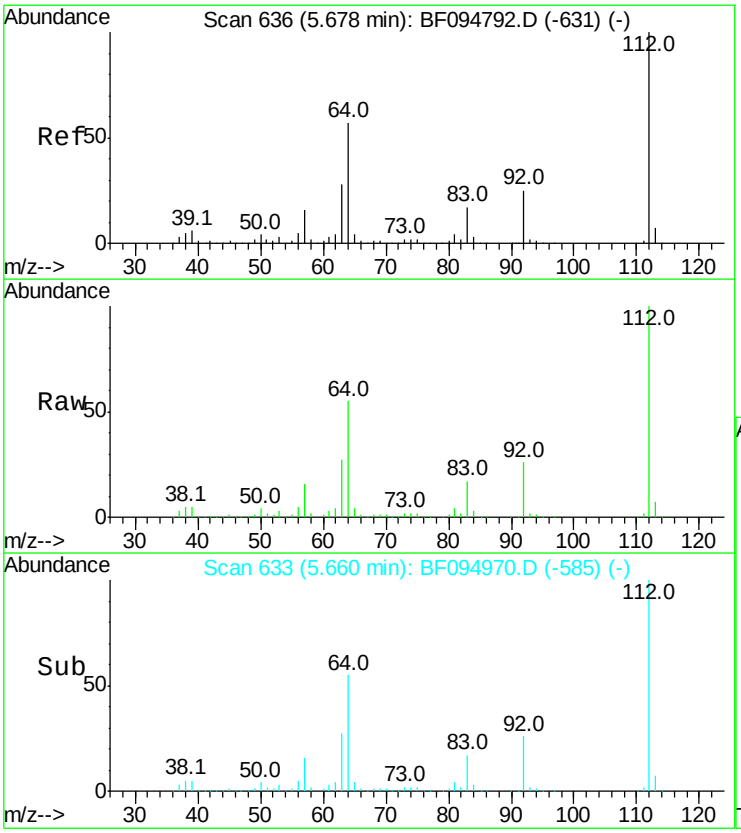
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102440

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	59.1	52.2	78.2

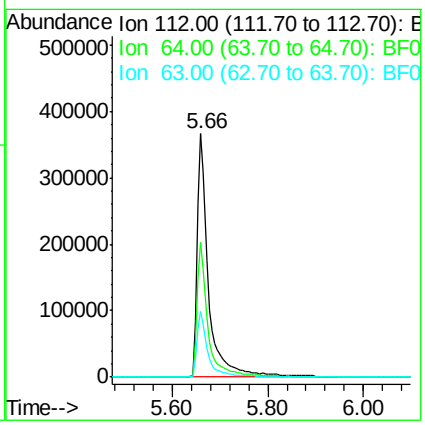


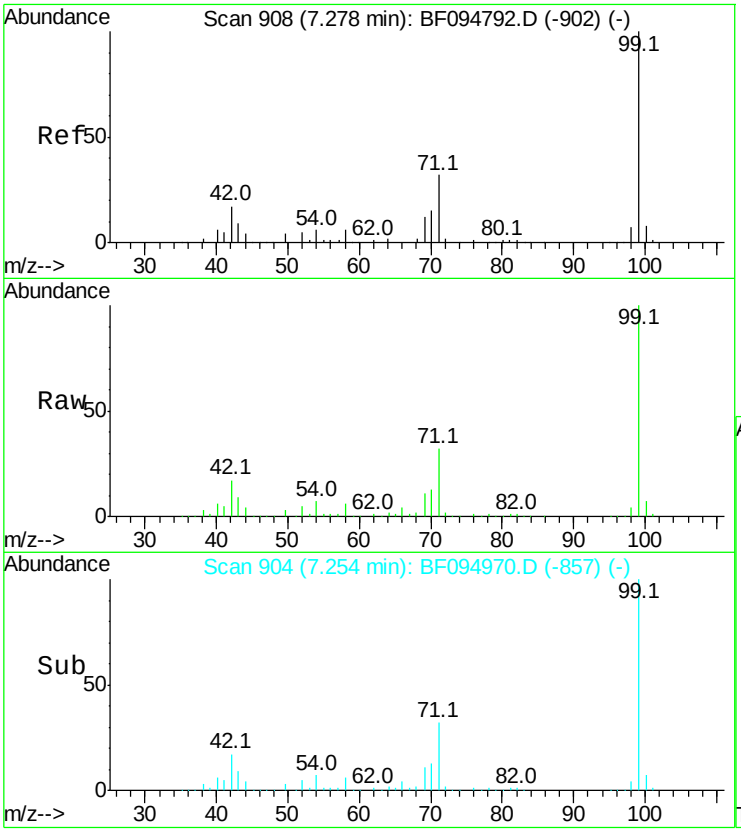


#5
2-Fluorophenol
Concen: 99.30 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:112 Resp: 610114

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.2	23.4	35.0



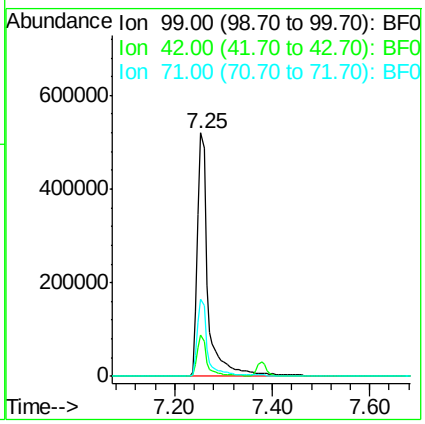


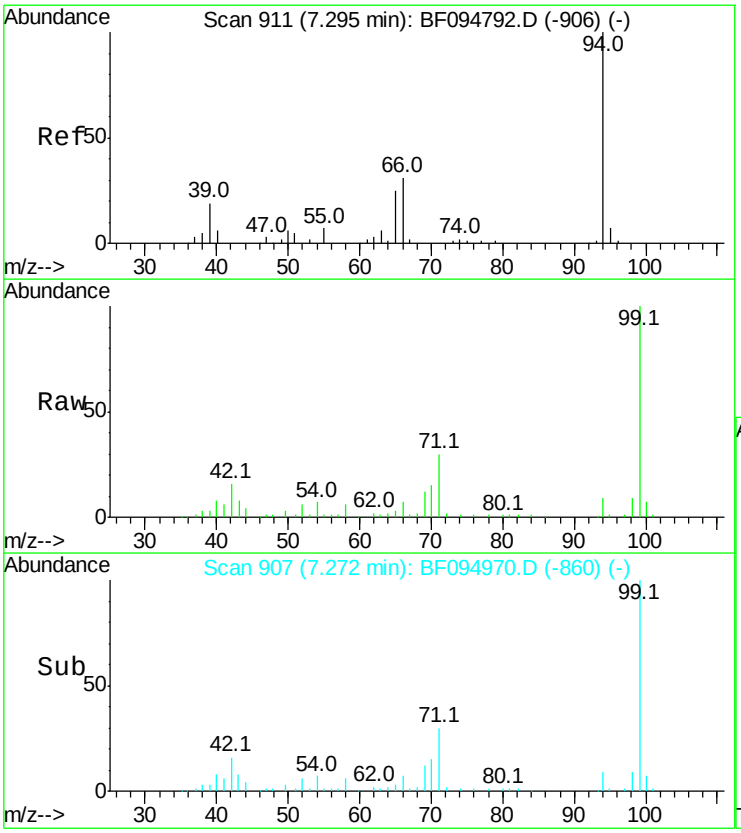
#7
Phenol-d6
Concen: 108.18 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 797528

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	32.0	24.5	36.7

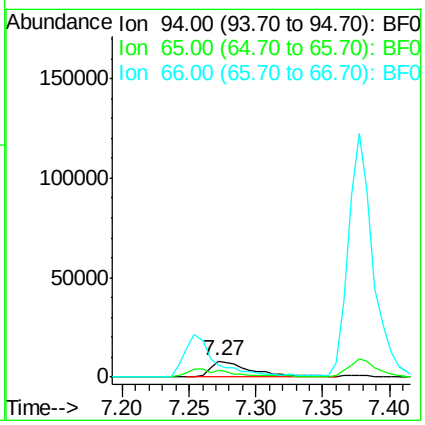


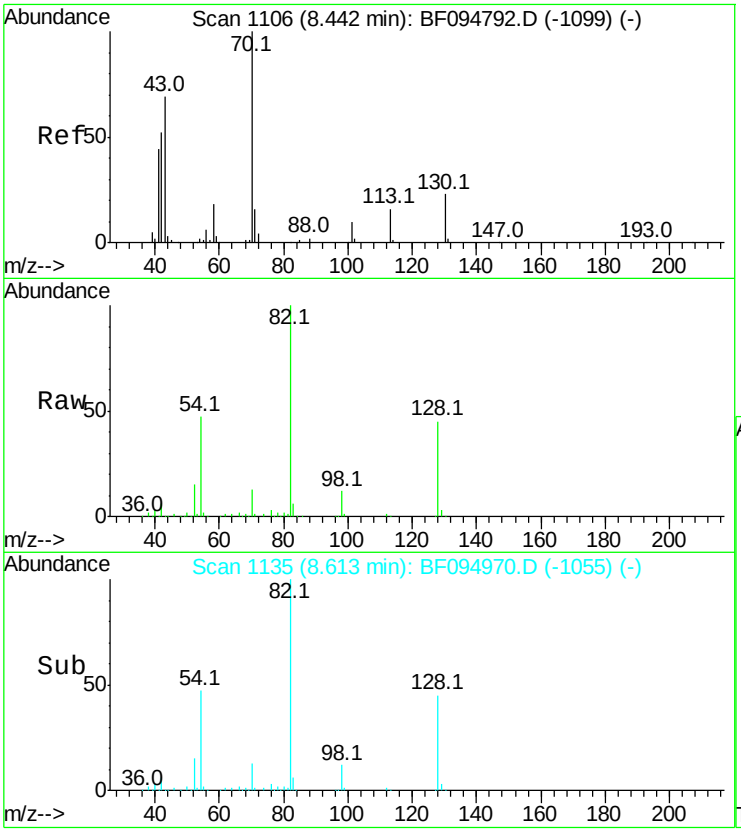


#10
Phenol
Concen: 2.23 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion: 94 Resp: 17296

Ion	Ratio	Lower	Upper
94	100		
65	40.8	9.9	49.9
66	78.8	23.1	63.1#



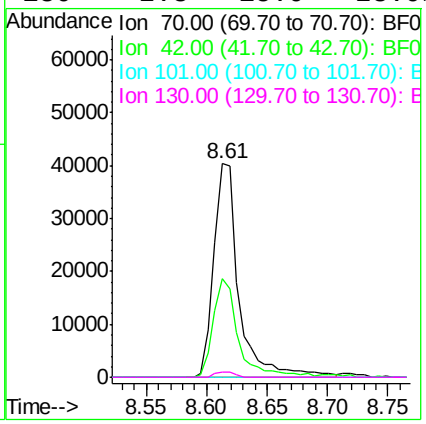


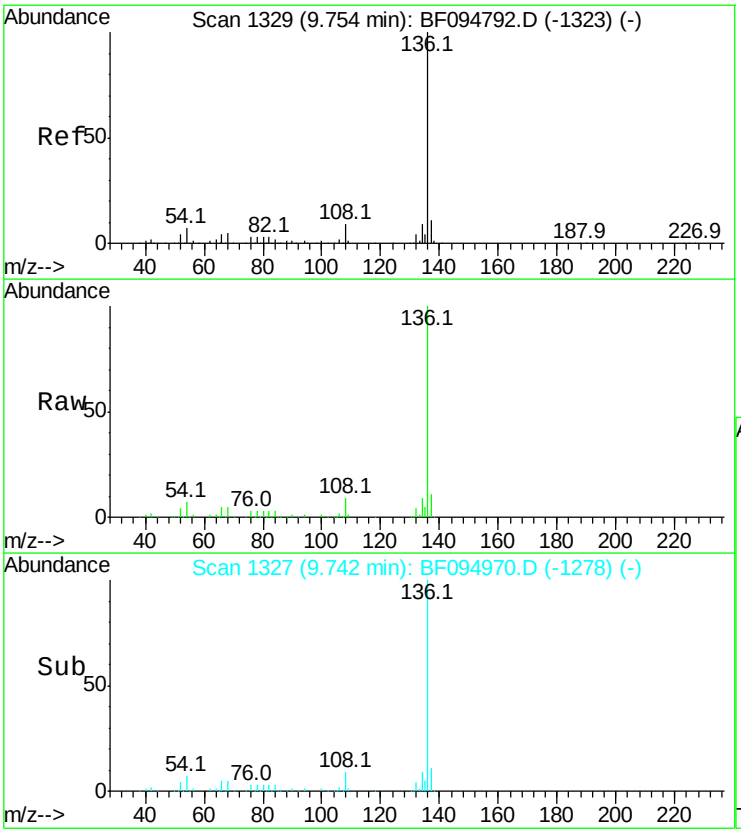
#19
n-Nitroso-di-n-propylamine
Concen: 11.58 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57738

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

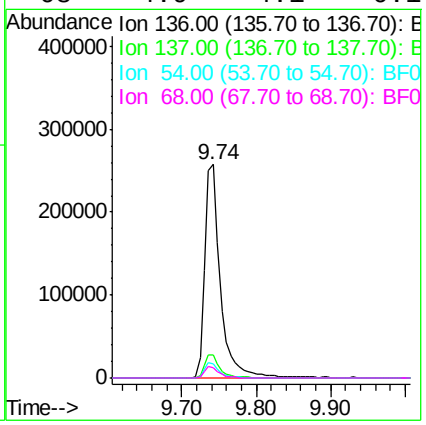


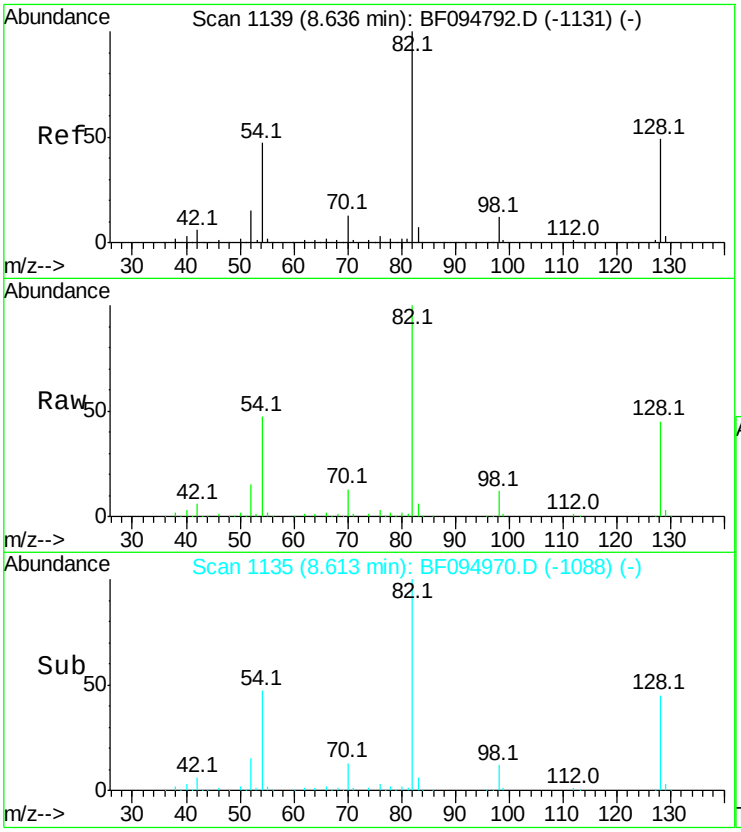


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:136 Resp: 377513

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	4.9	4.1	6.1



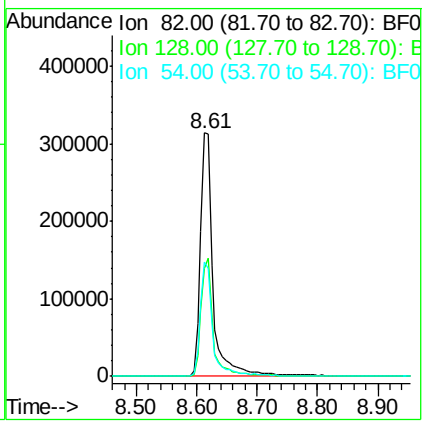


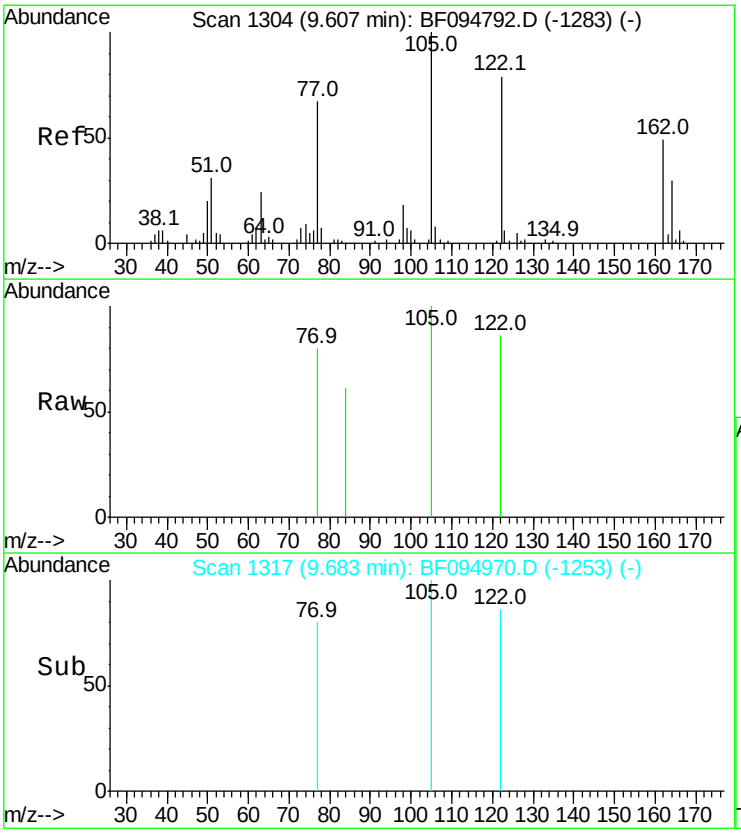
#23
Nitrobenzene-d5
Concen: 76.53 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 458175

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	47.2	42.2	63.2

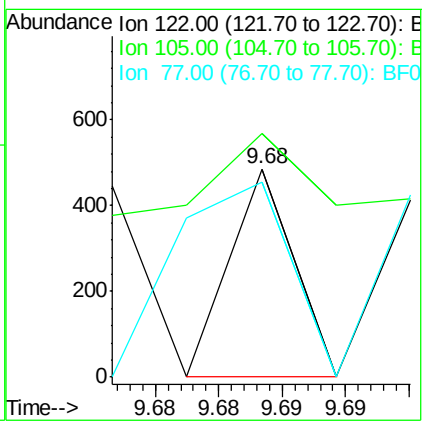


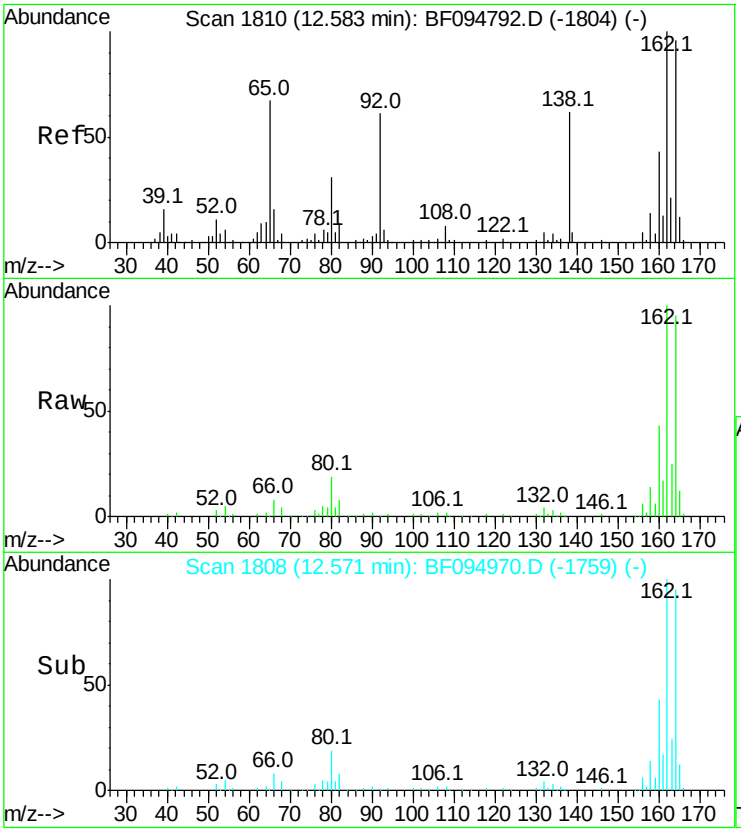


#32
Benzoic acid
Concen: 5.12 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.08 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:122 Resp: 172

Ion	Ratio	Lower	Upper
122	100		
105	116.9	103.3	143.3
77	93.6	73.7	113.7



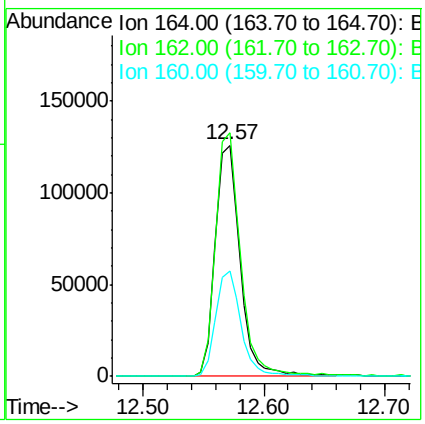


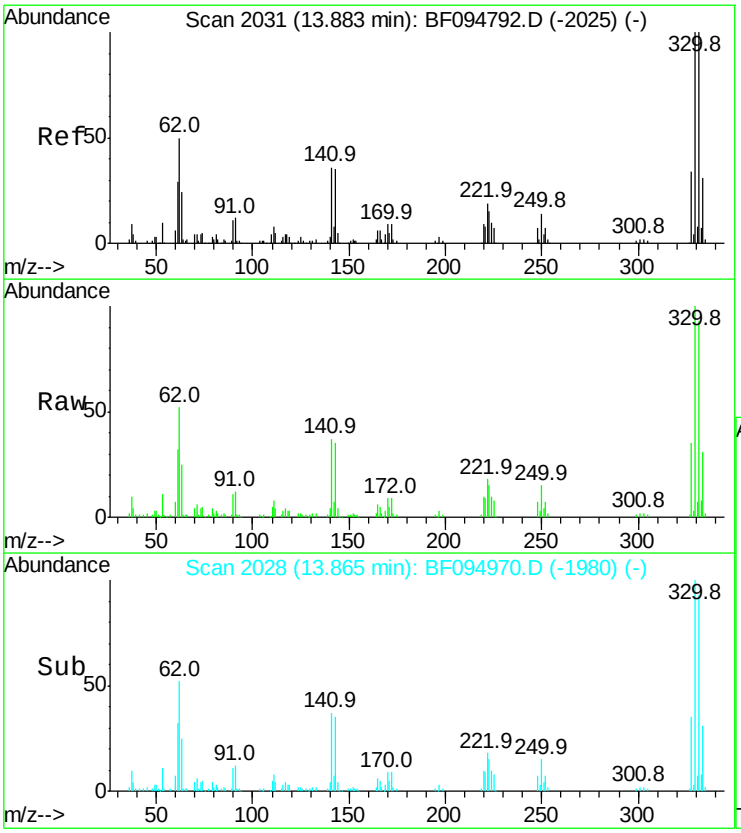
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179681

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	45.5	36.2	54.2

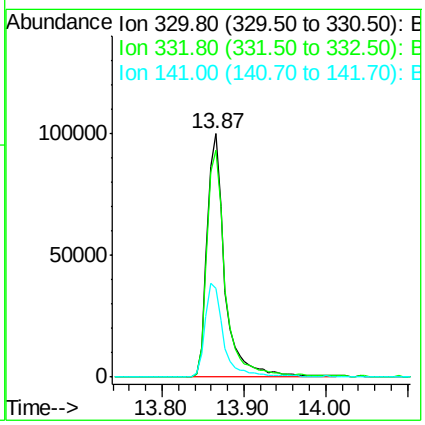


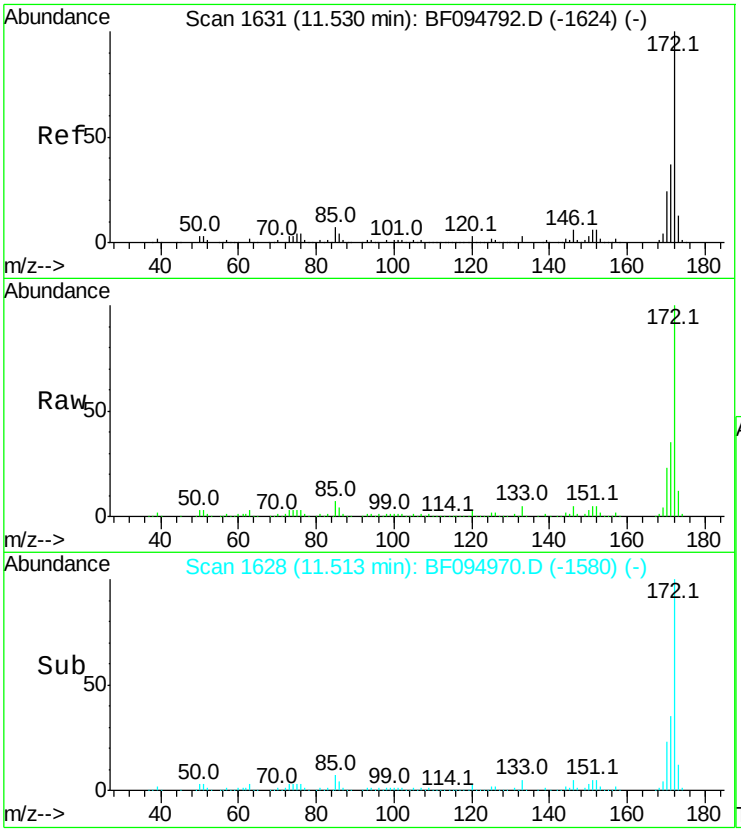


#41
2,4,6-Tribromophenol
Concen: 103.51 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:330 Resp: 152325

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.6	31.4	47.2



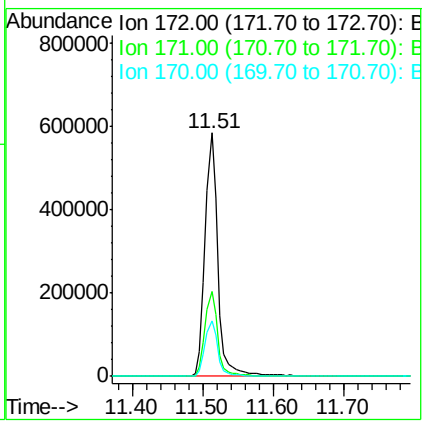


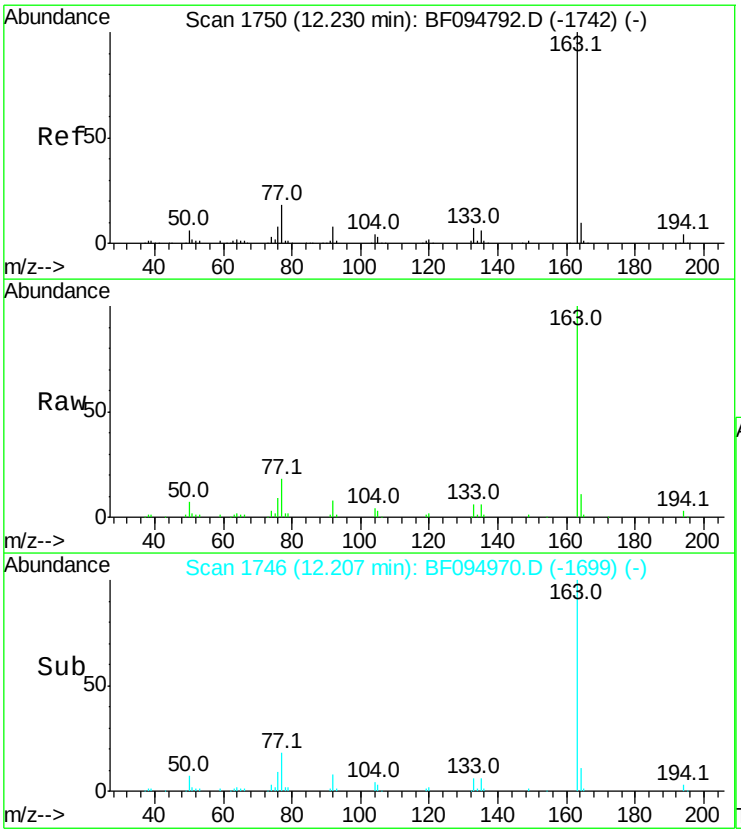
#44
2-Fluorobiphenyl
Concen: 59.58 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 743715

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.0	19.8	29.8

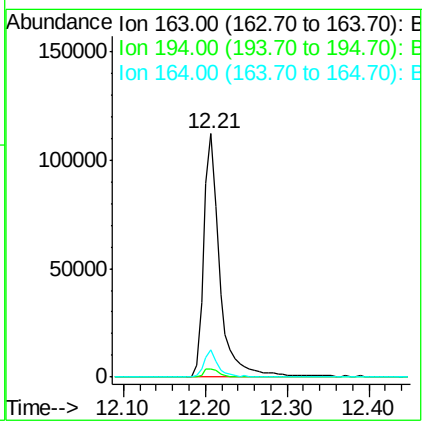


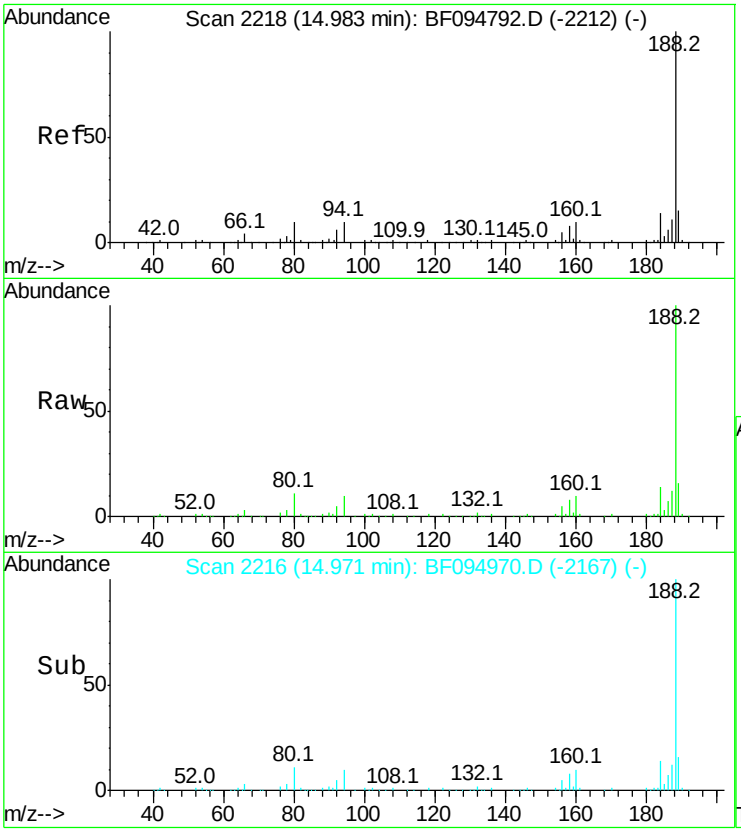


#49
Dimethylphthalate
Concen: 10.44 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:163 Resp: 154021

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	11.0	8.4	12.6



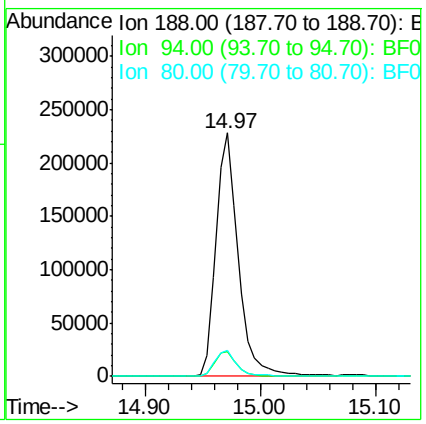


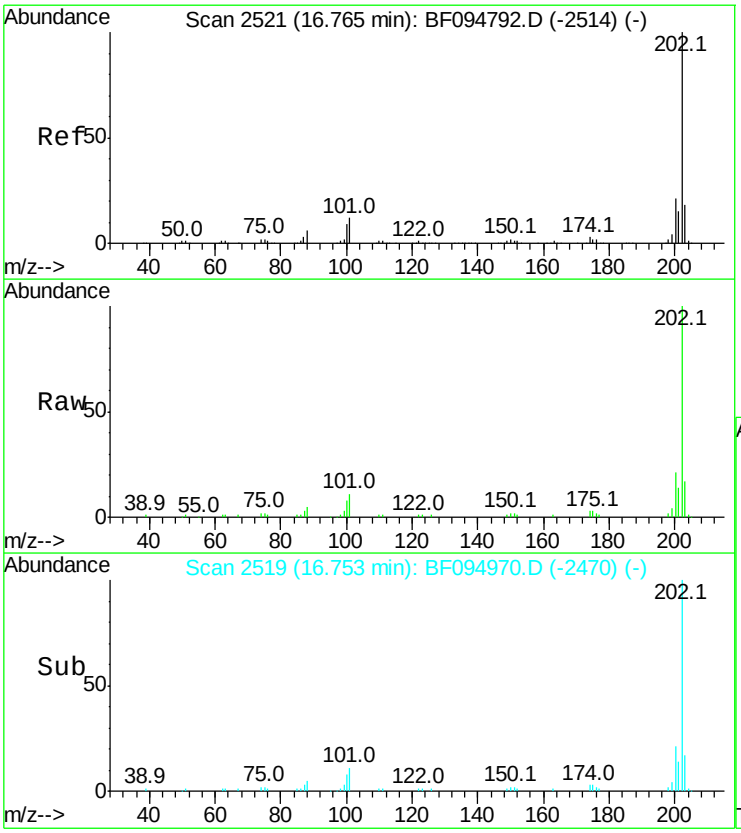
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 305942

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.6	10.2	15.2

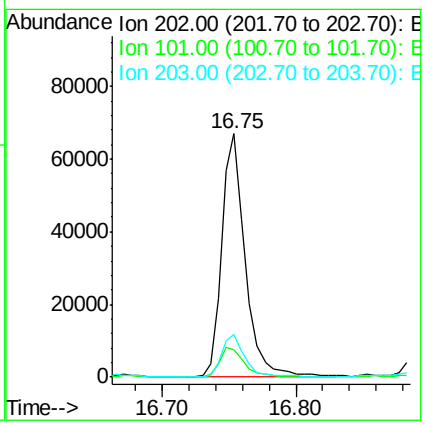


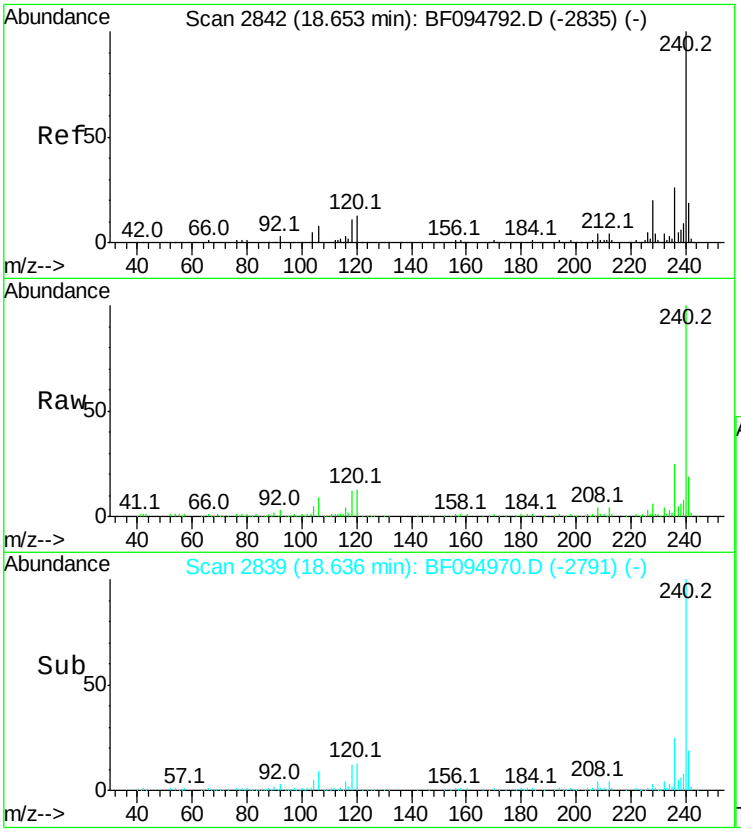


#74
Fluoranthene
Concen: 4.59 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:202 Resp: 82706

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.3	0.0	38.1



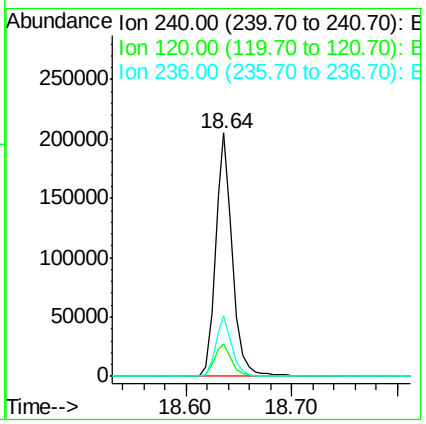


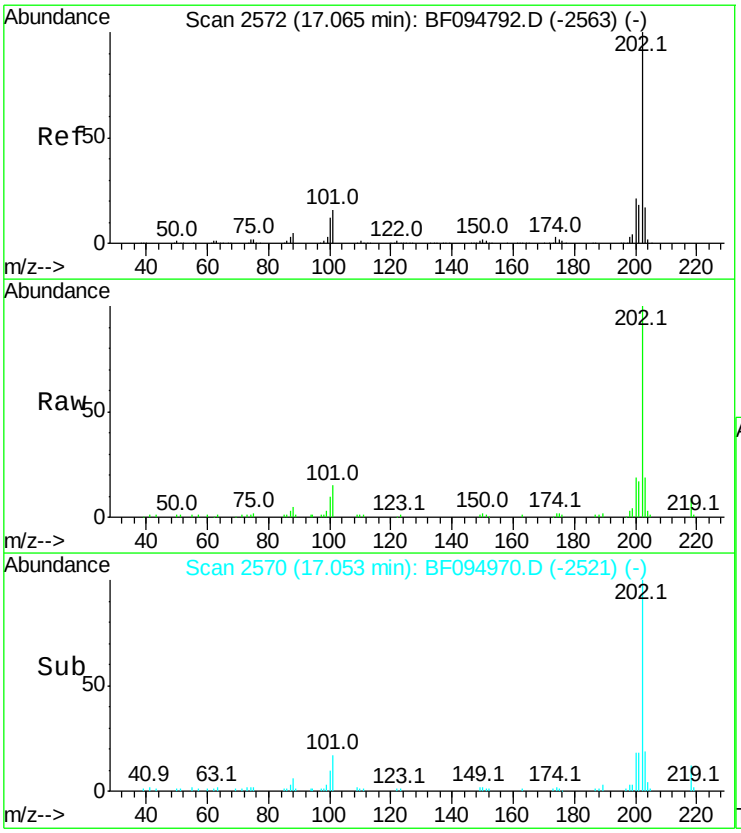
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 227269

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.7	20.5	30.7

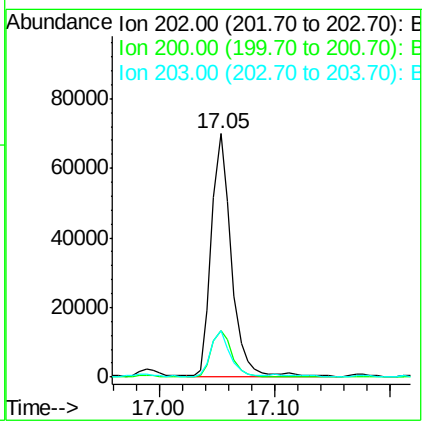


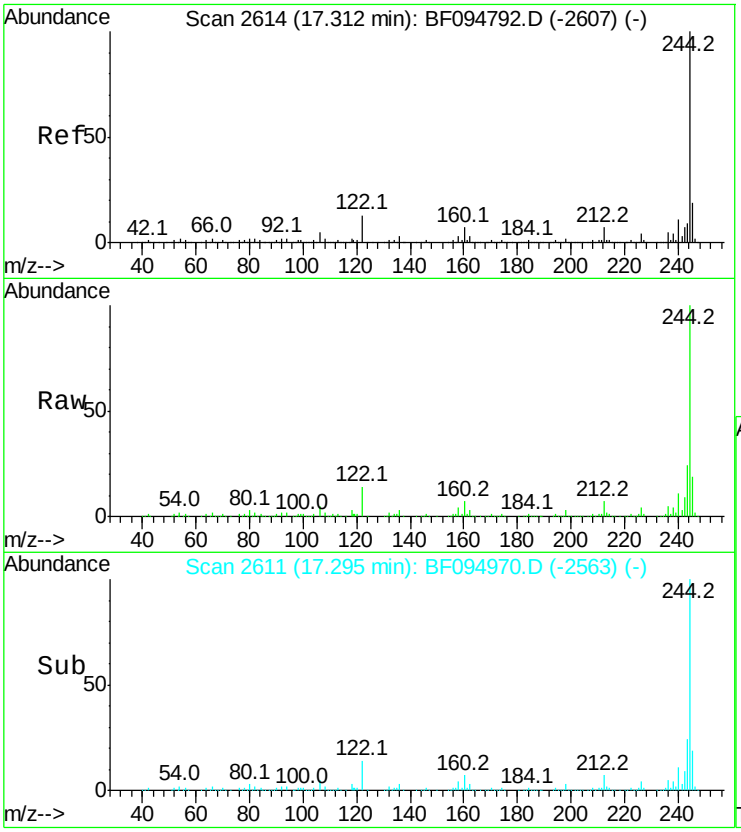


#77
Pyrene
Concen: 5.02 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:202 Resp: 85377

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.6	26.4
203	19.0	14.4	21.6



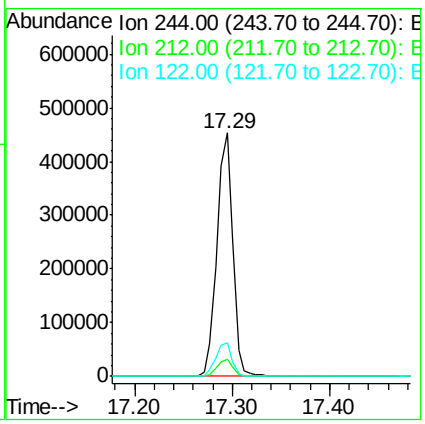


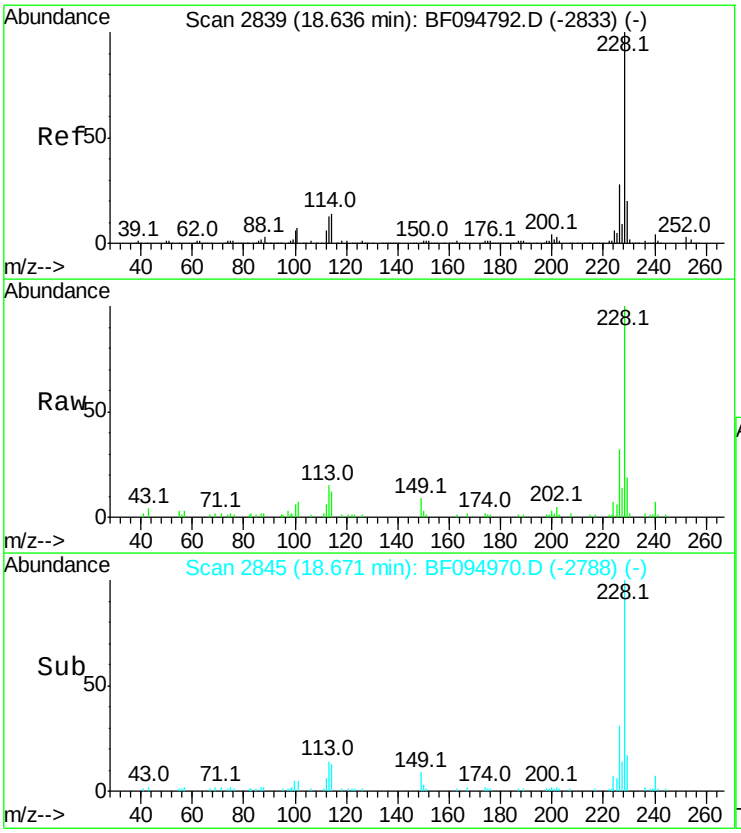
#78
Terphenyl-d14
Concen: 49.79 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 513726

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.1	10.3	15.5

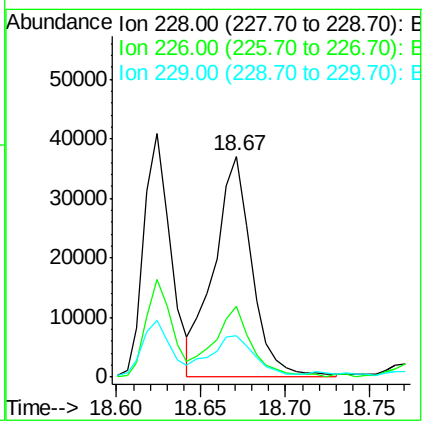


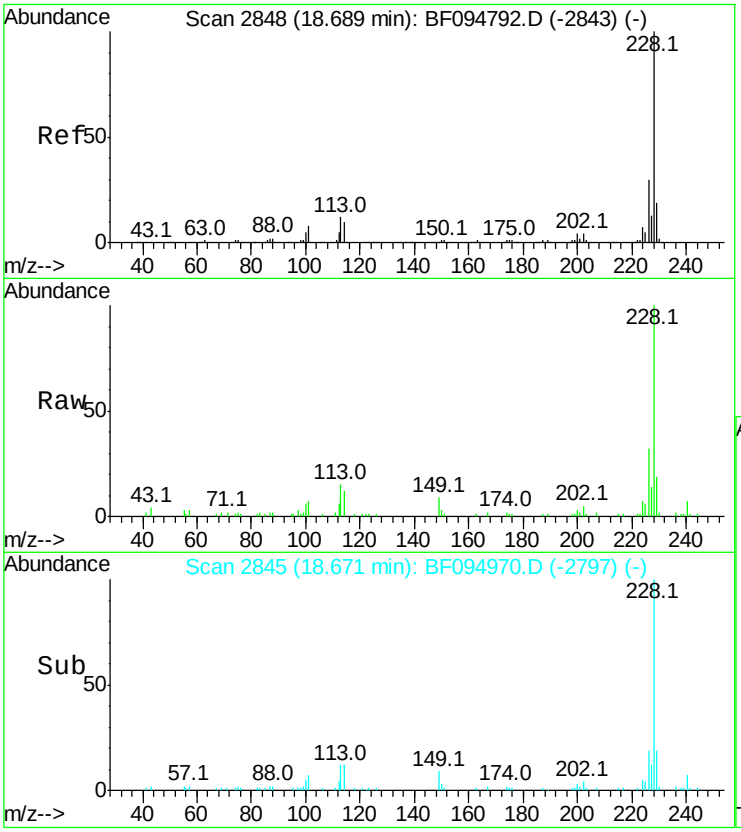


#80
Benzo(a)anthracene
Concen: 4.39 ng
RT: 18.67 min Scan# 2845
Delta R.T. 0.04 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:228 Resp: 58100

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	18.7	16.3	24.5



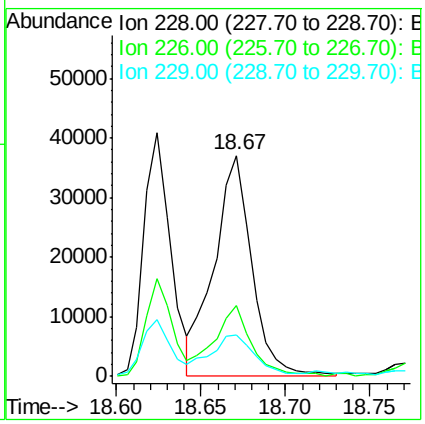


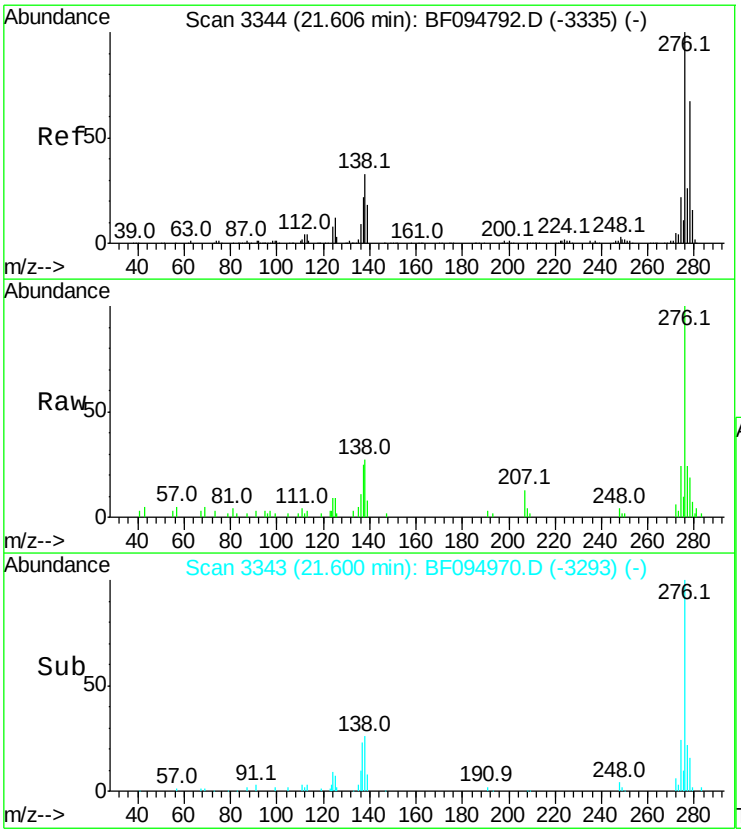
#82
Chrysene
Concen: 4.54 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 58100

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	18.7	15.8	23.6

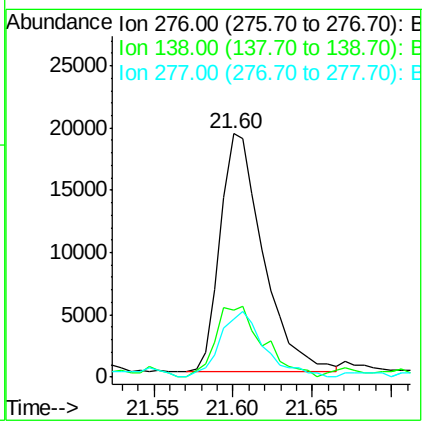


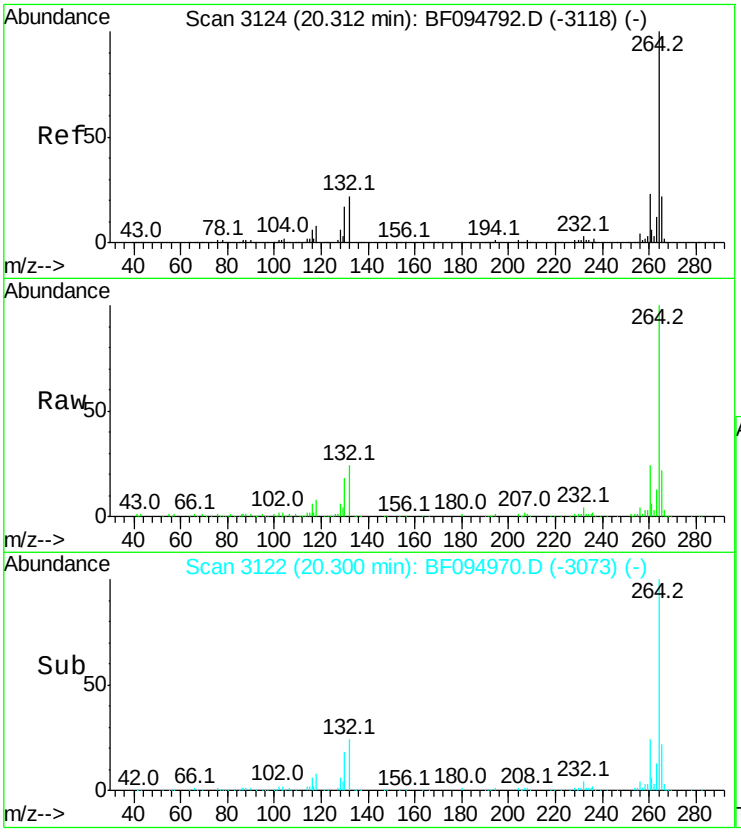


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.47 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:276 Resp: 36053

Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	28.2	20.2	30.4



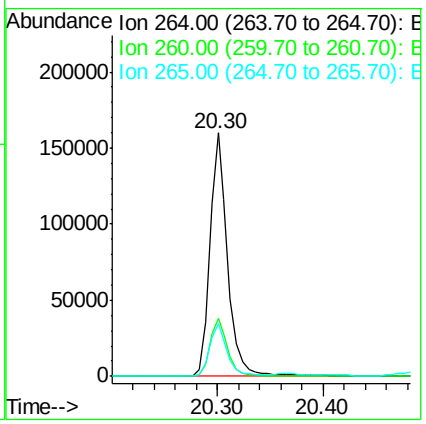


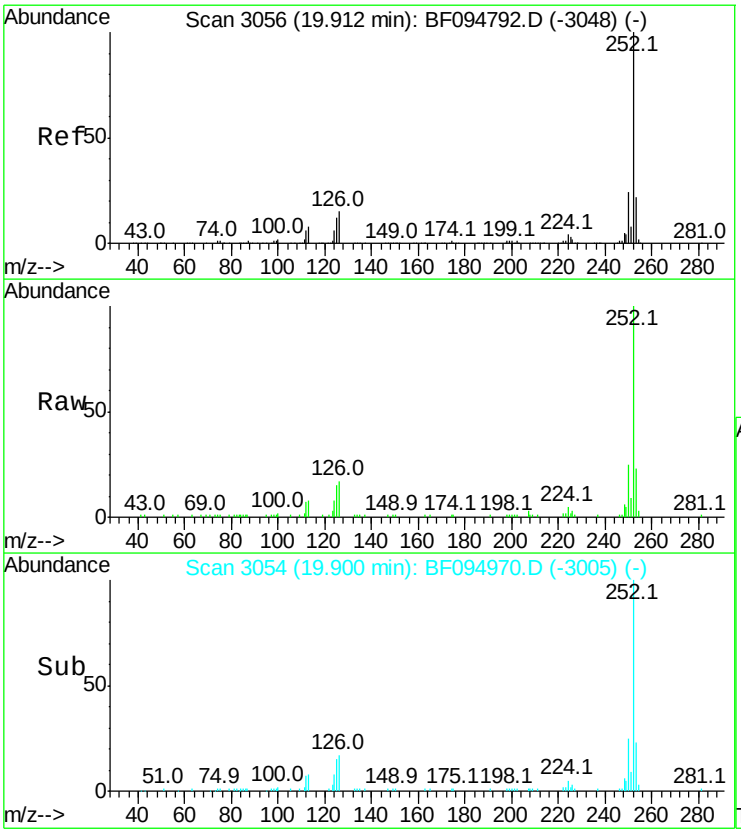
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 188634

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8

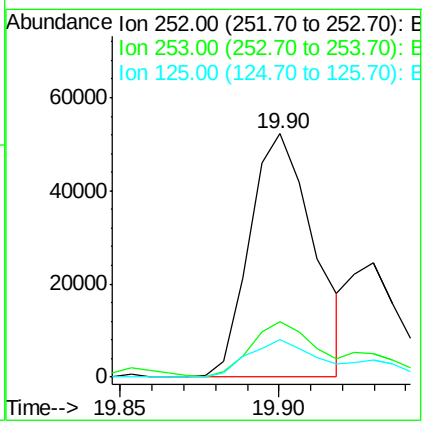


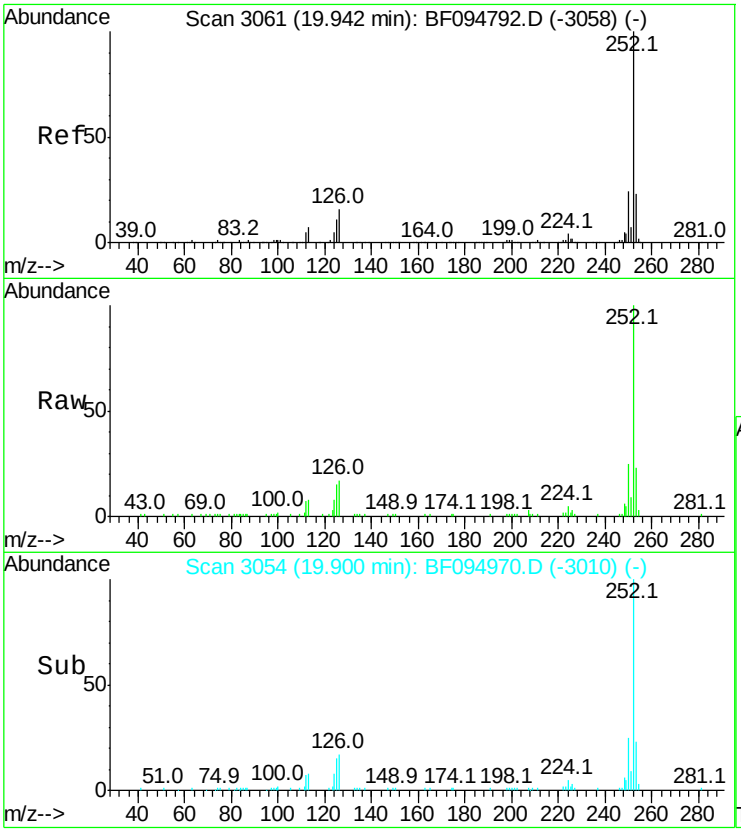


#87
Benzo(b)fluoranthene
Concen: 6.30 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:252 Resp: 73473

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.4	9.8	14.8#



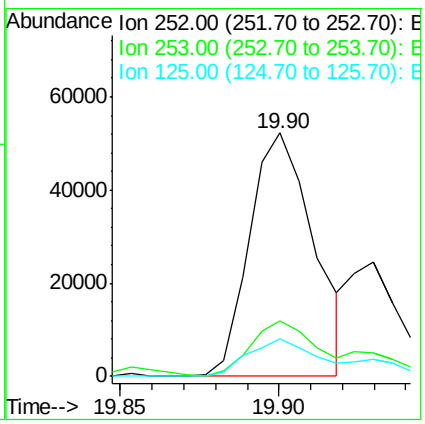


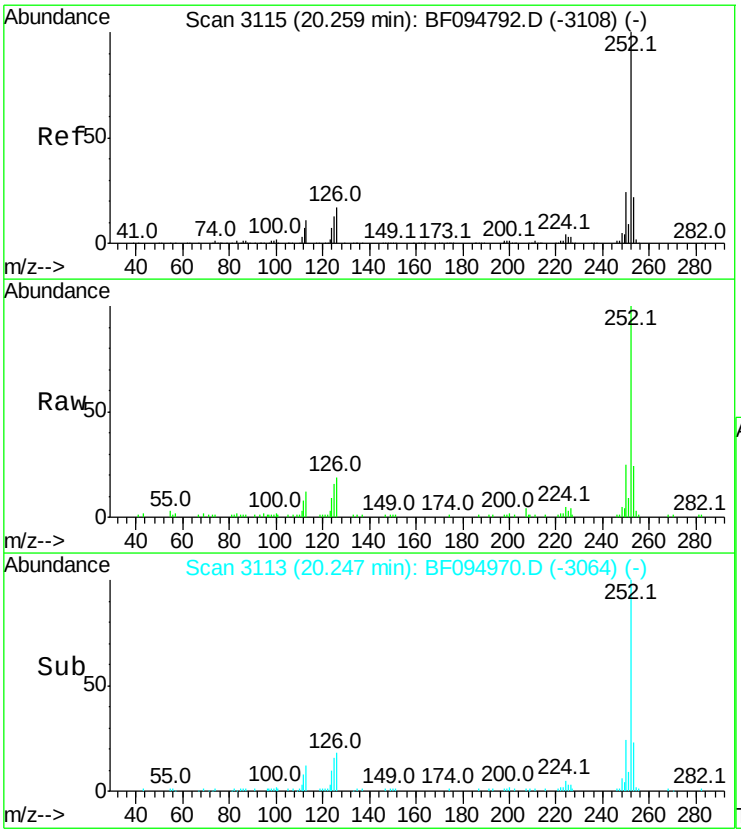
#88
Benzo(k)fluoranthene
Concen: 6.53 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.04 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73473

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	15.4	13.1	19.7

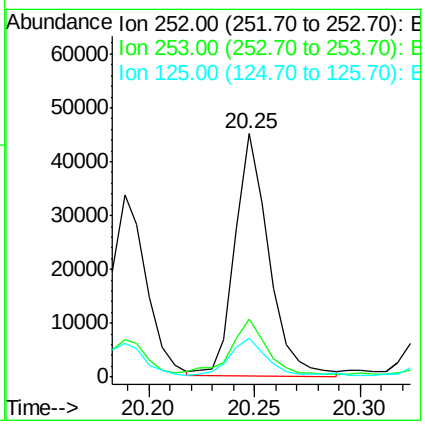


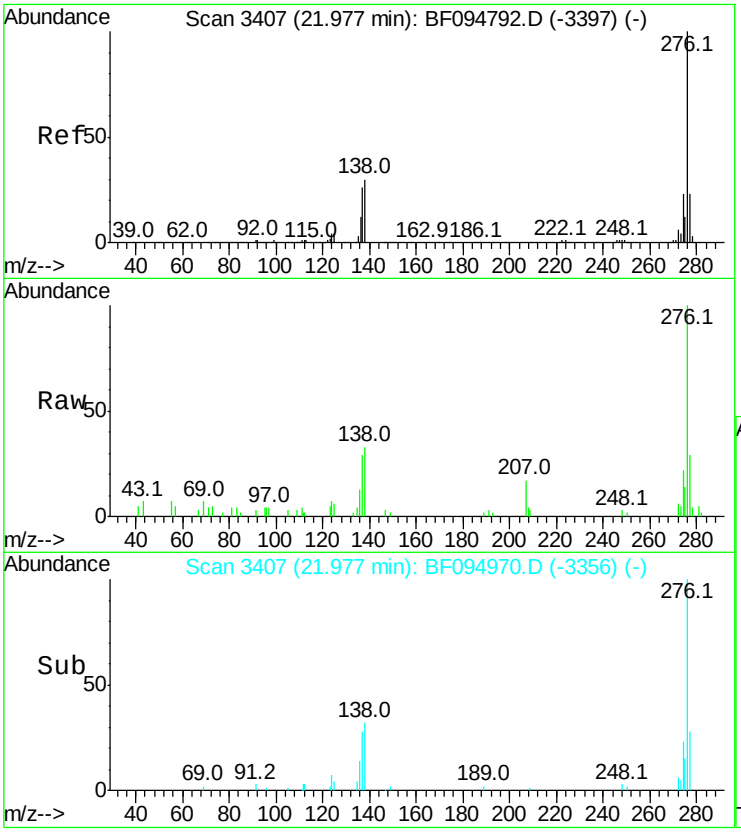


#89
Benzo(a)pyrene
Concen: 4.64 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Tgt Ion:252 Resp: 49925

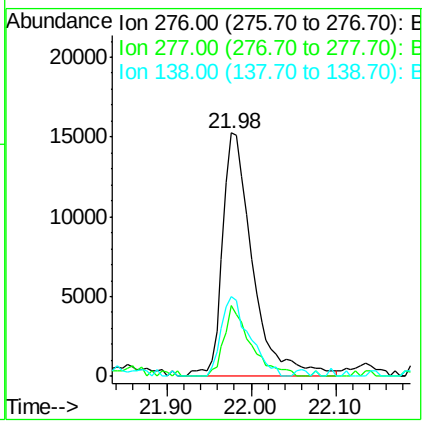
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	16.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.31 ng
RT: 21.98 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BF094970.D
Acq: 8 May 2017 5:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37608

Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.6	28.0#
138	32.9	25.4	38.0