Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094999.D
Acq On : 9 May 2017 1:26
Operator : SJ/MA
Sample : I3031-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 07:04:12 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	7.71	152	97384	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	378931	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	154242	20.00	ng		-0.02
63) Phenanthrene-d10	14.96	188	271603	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	207371	20.00	ng		-0.02
86) Perylene-d12	20.30	264	155512	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	344127	58.91	ng		-0.03
7) Phenol-d6	7.24	99	420680	60.02	ng		-0.04
23) Nitrobenzene-d5	8.61	82	242498	40.35	ng		-0.03
41) 2,4,6-Tribromophenol	13.86	330	77144	61.07	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	469923	43.85	ng		-0.02
78) Terphenyl-d14	17.29	244	333237	35.39	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.61	70	29721	6.27	ng	#	74
48) Acenaphthylene	12.34	152	42483	2.59	ng		99
49) Dimethylphthalate	12.20	163	35393	2.80	ng		99
50) 2,6-Dinitrotoluene	12.56	165	14708	5.69	ng	#	31
74) Fluoranthene	16.74	202	130832	8.17	ng		99
76) Benzidine	17.08	184	135	6.61	ng	#	62
77) Pyrene	17.04	202	162899	10.50	ng		96
80) Benzo(a)anthracene	18.62	228	140876	11.67	ng		94
82) Chrysene	18.67	228	149819	12.84	ng		98
85) Indeno(1,2,3-cd)pyrene	21.59	276	88966	9.39	ng		94
87) Benzo(b)fluoranthene	19.89	252	250405	26.06	ng	#	96
88) Benzo(k)fluoranthene	19.89	252	250405	27.01	ng		98
89) Benzo(a)pyrene	20.25	252	141076	15.91	ng		99
90) Dibenzo(a,h)anthracene	21.75	278	22390	3.06	ng		95
91) Benzo(g,h,i)perylene	21.98	276	87522	12.18	ng		97

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

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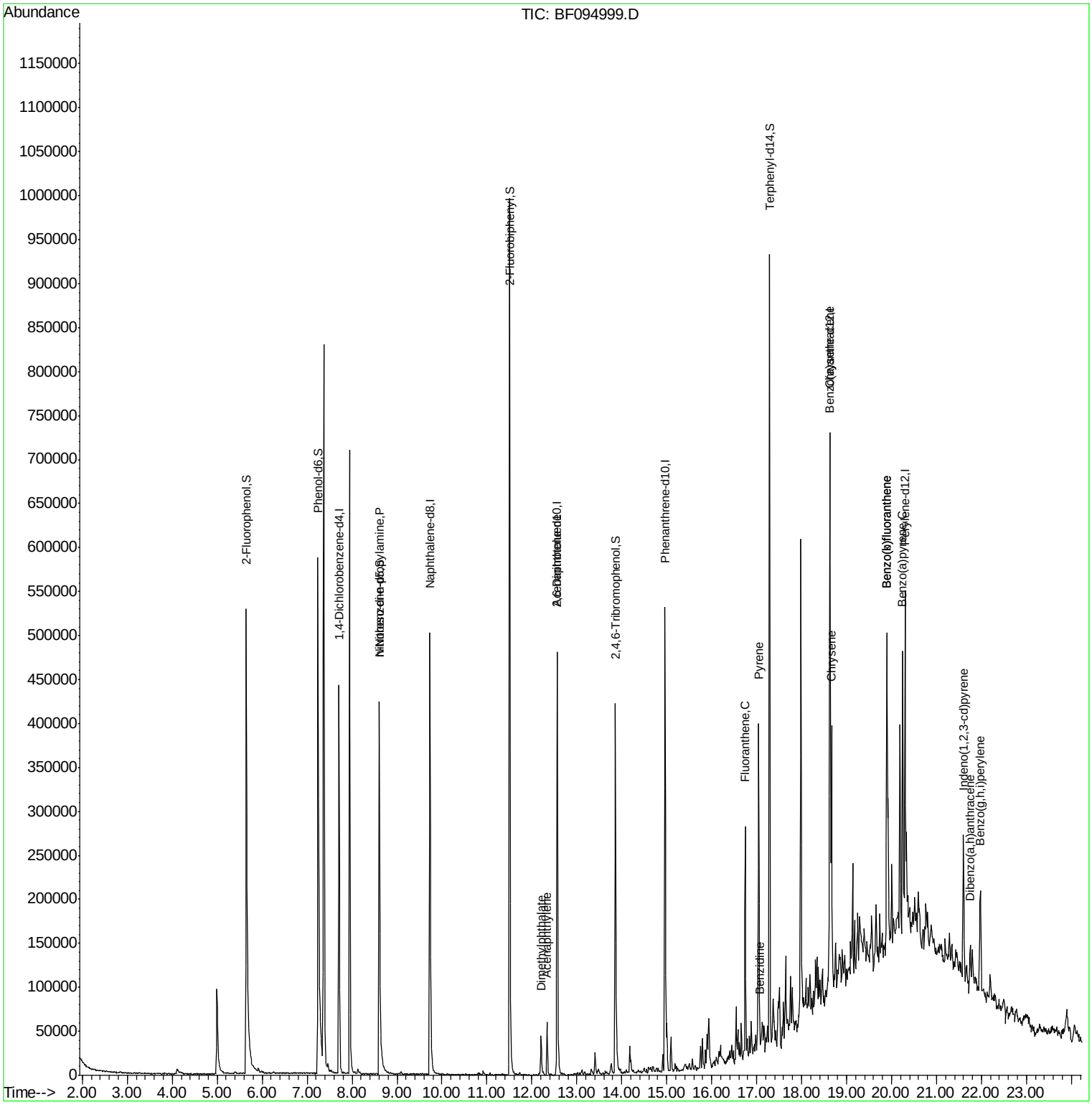
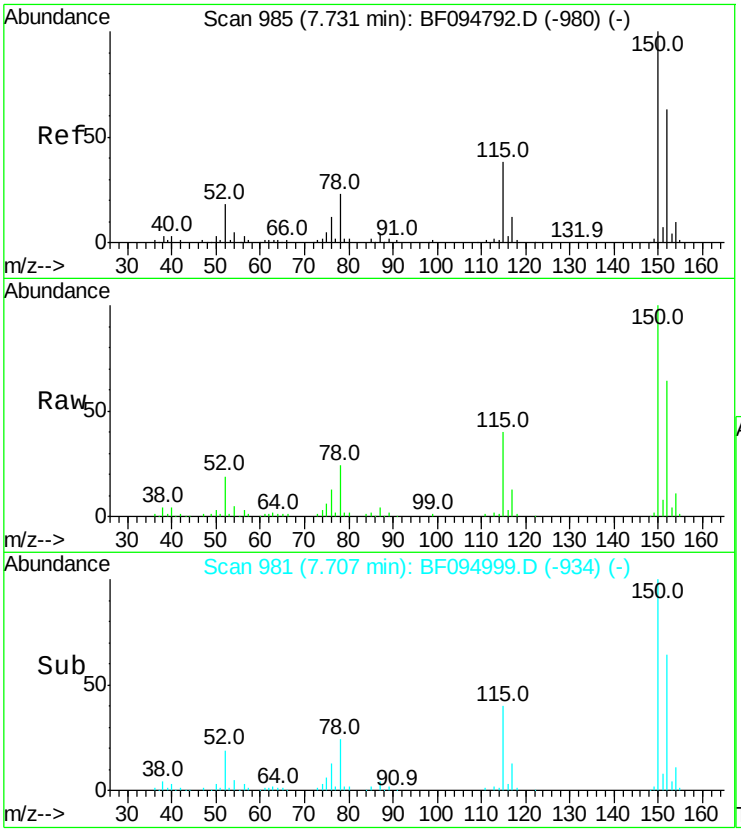


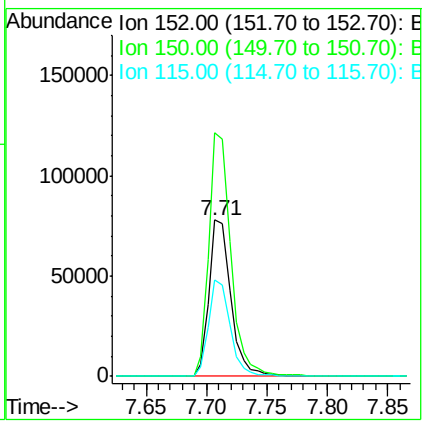


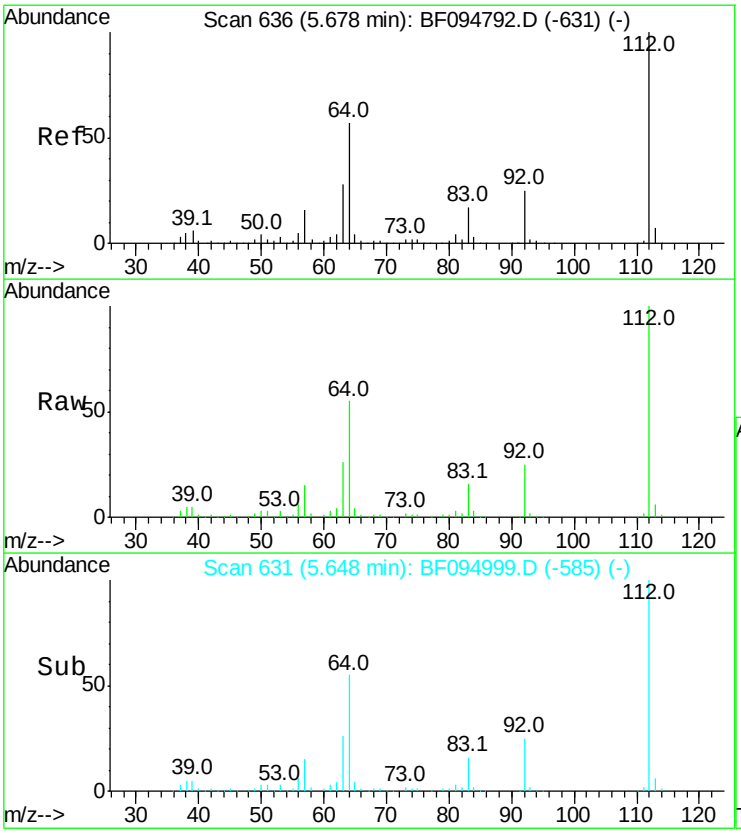
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97384

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	62.0	52.2	78.2

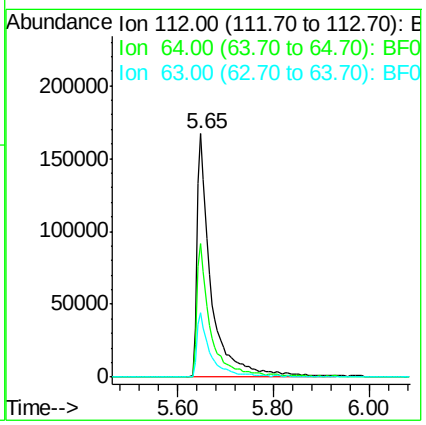


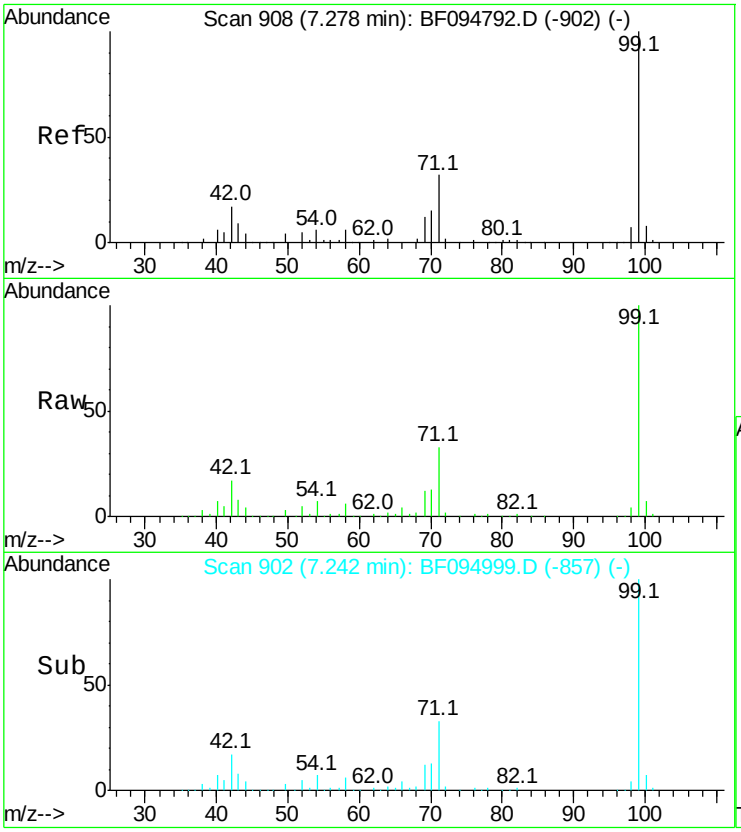


#5
2-Fluorophenol
Concen: 58.91 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:112 Resp: 344127

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	26.4	23.4	35.0



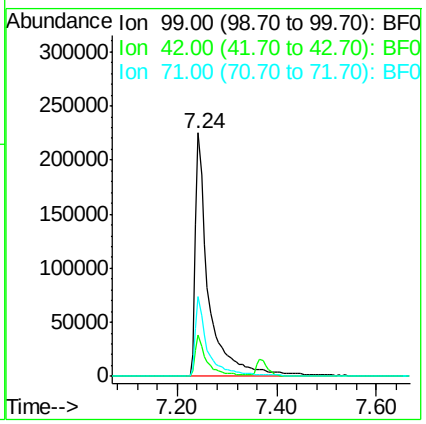


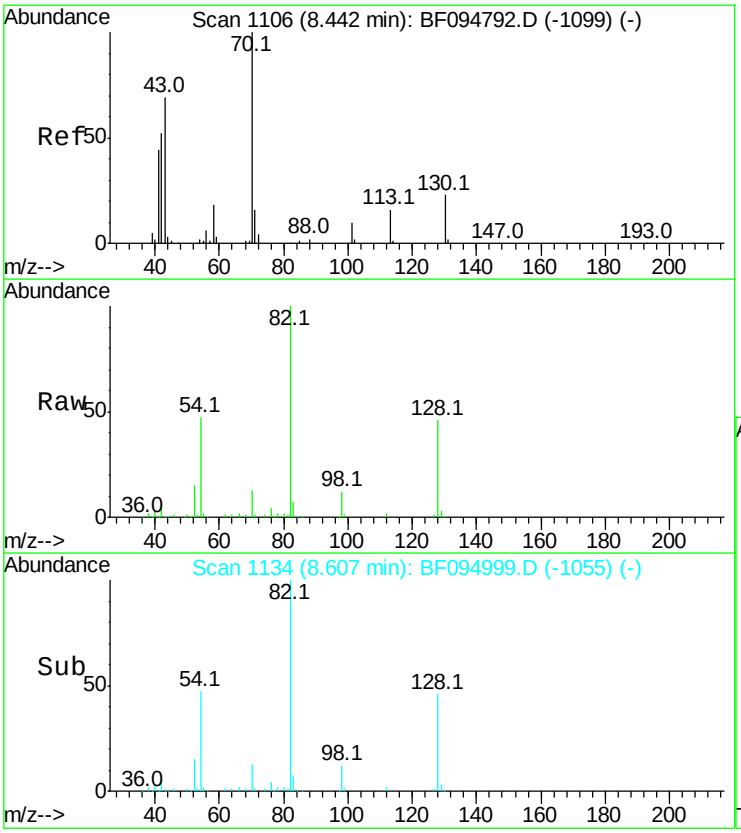
#7
Phenol-d6
Concen: 60.02 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.04 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 420680

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.8	24.5	36.7

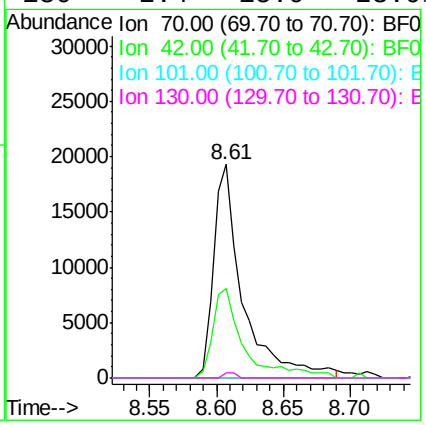


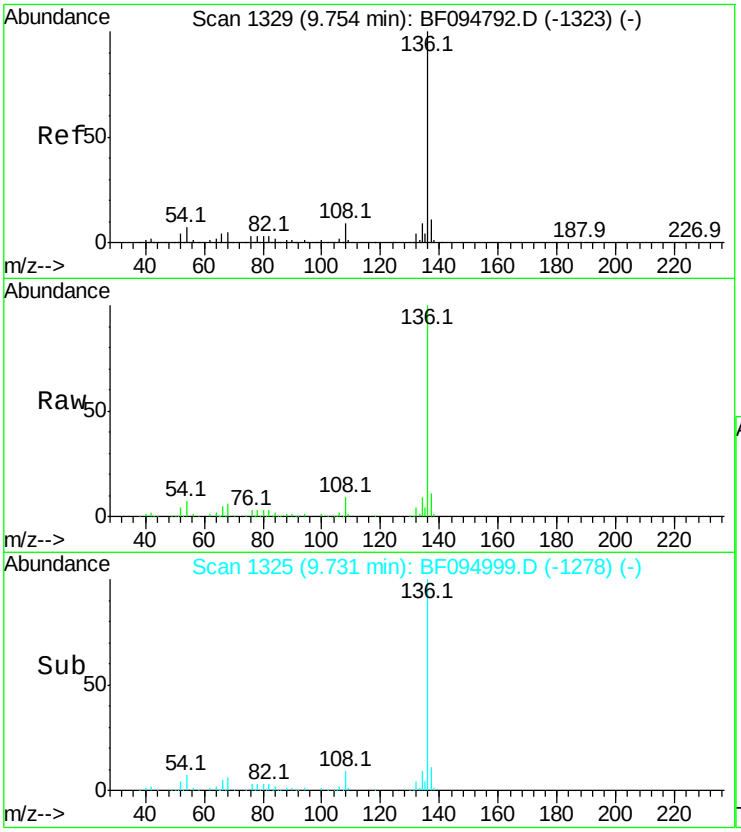


#19
n-Nitroso-di-n-propylamine
Concen: 6.27 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.16 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion: 70 Resp: 29721

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



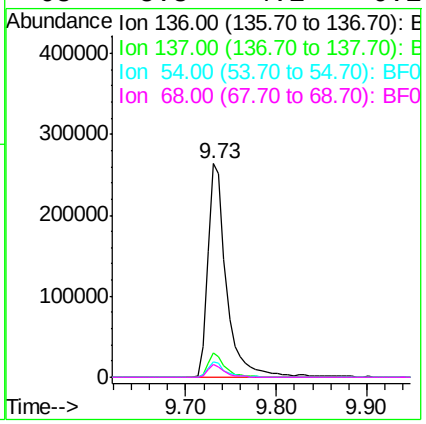


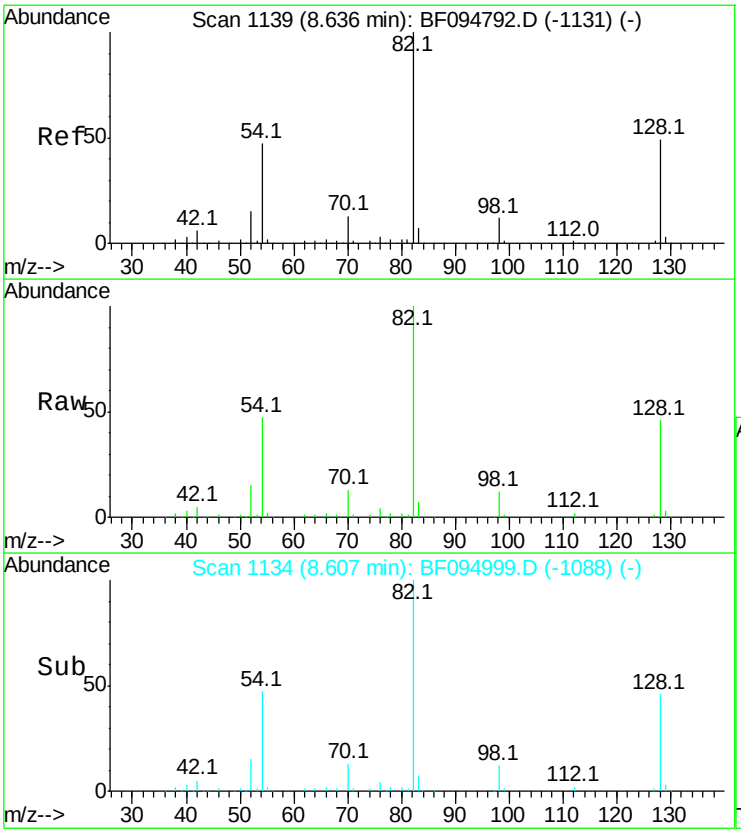
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 378931

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1

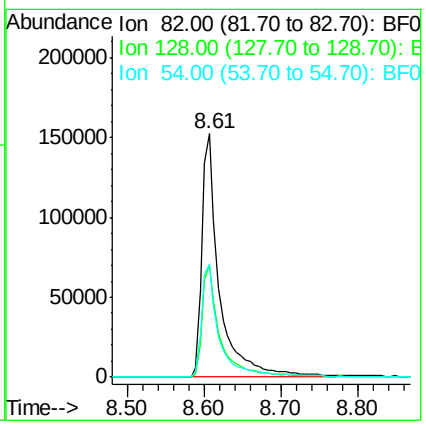


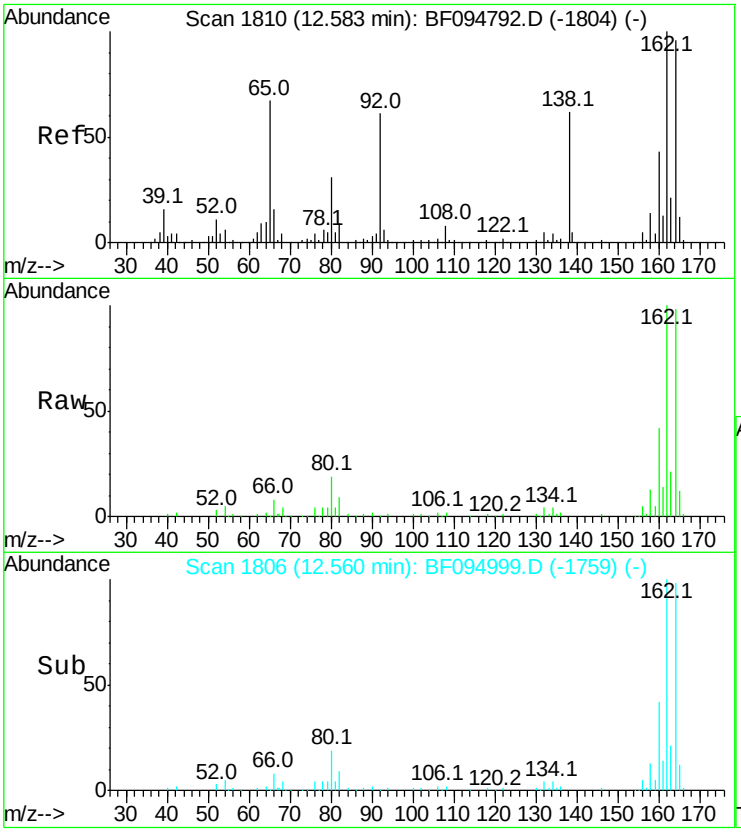


#23
Nitrobenzene-d5
Concen: 40.35 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion: 82 Resp: 242498

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	46.6	42.2	63.2



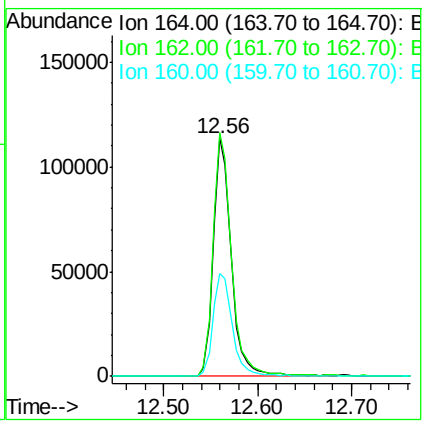


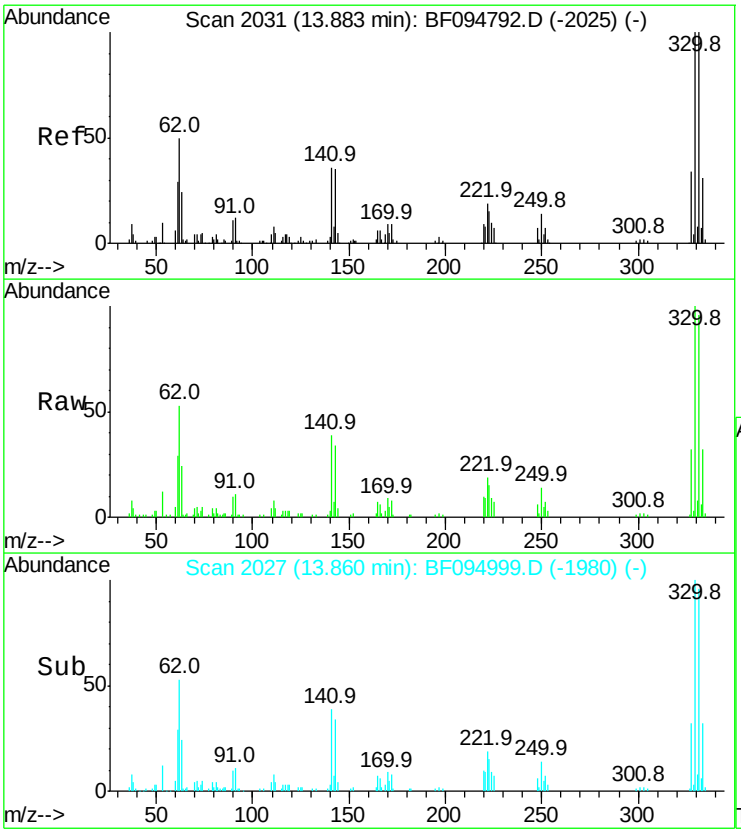
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 154242

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.2	36.2	54.2

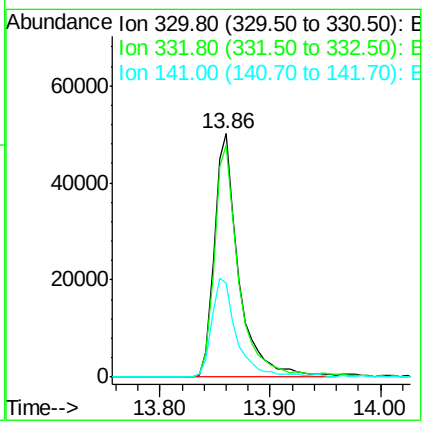


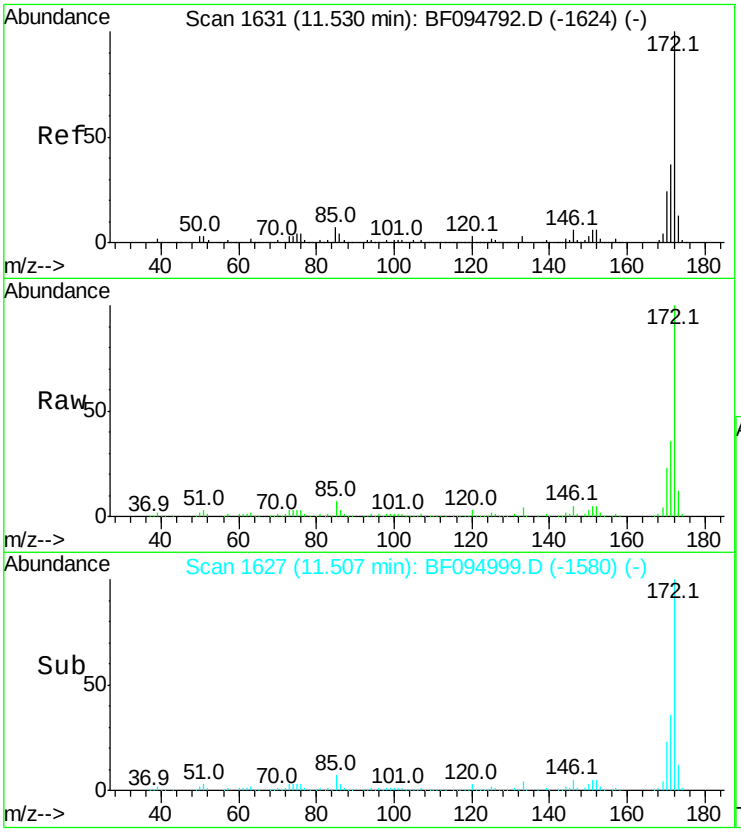


#41
2,4,6-Tribromophenol
Concen: 61.07 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:330 Resp: 77144

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	41.7	31.4	47.2



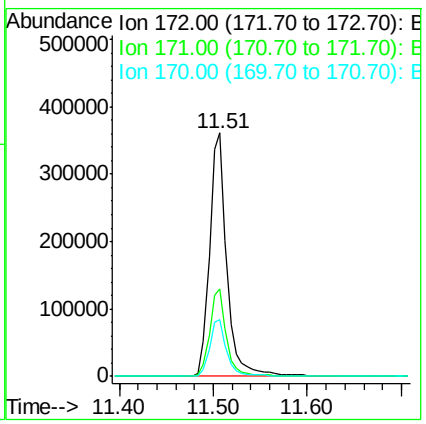


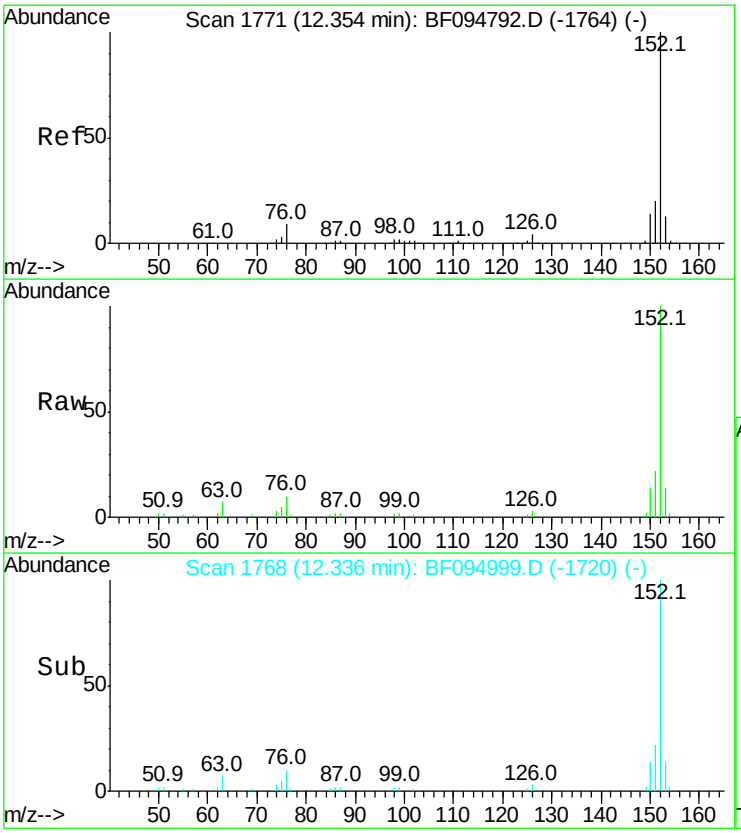
#44
2-Fluorobiphenyl
Concen: 43.85 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 469923

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.2	19.8	29.8

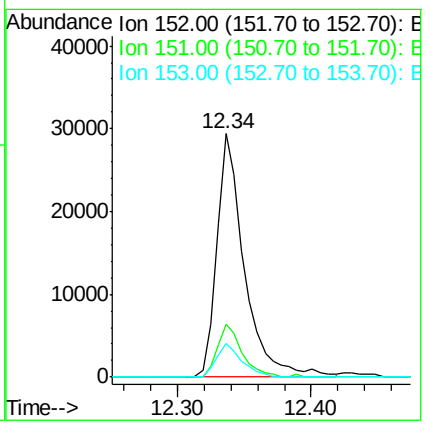


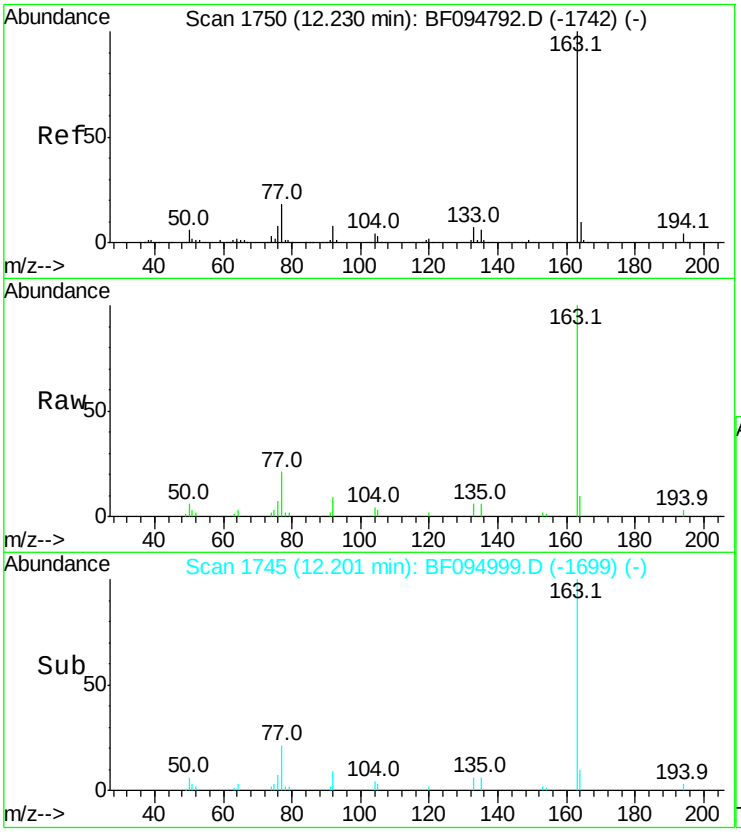


#48
Acenaphthylene
Concen: 2.59 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:152 Resp: 42483

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	13.7	10.8	16.2



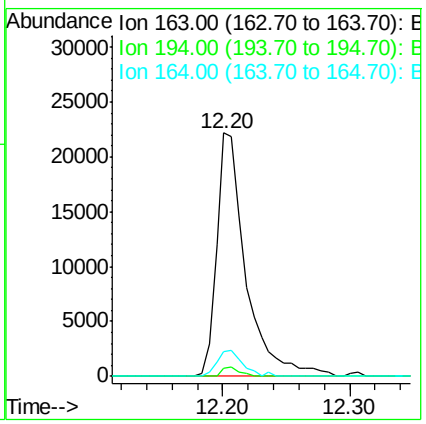


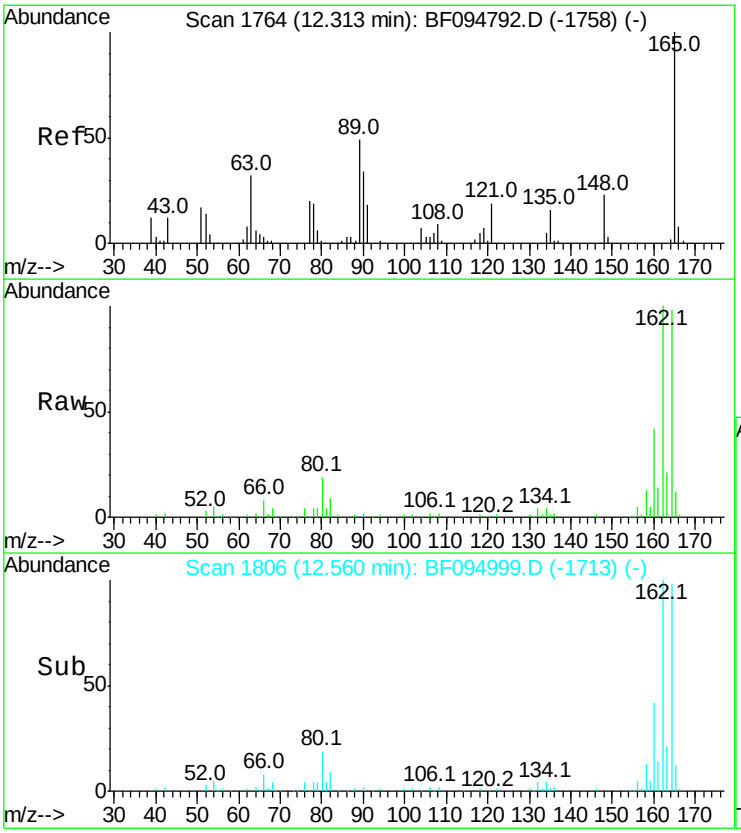
#49
Dimethylphthalate
Concen: 2.80 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35393

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

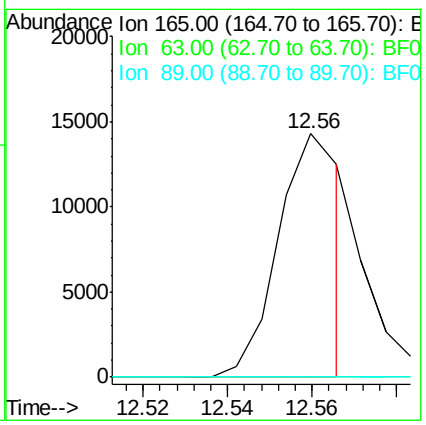


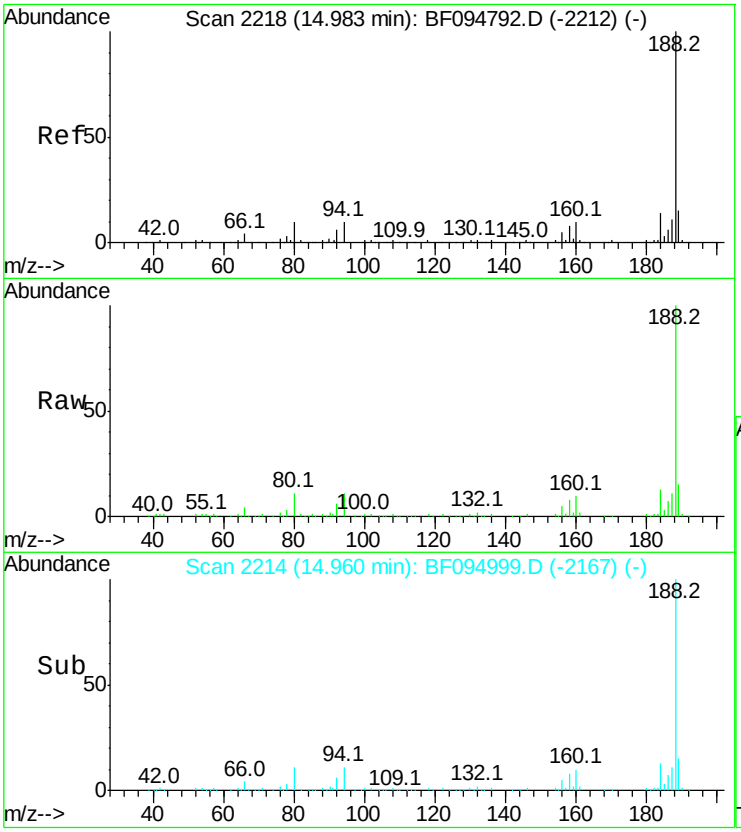


#50
2,6-Dinitrotoluene
Concen: 5.69 ng
RT: 12.56 min Scan# 1806
Delta R.T. 0.25 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:165 Resp: 14708

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



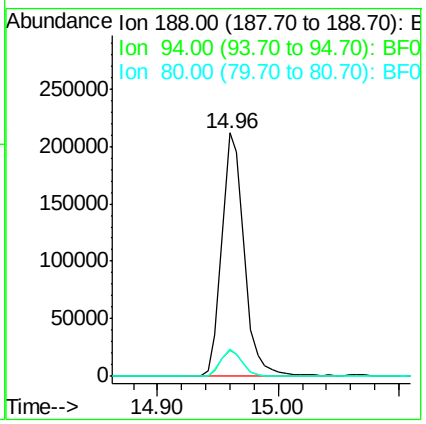


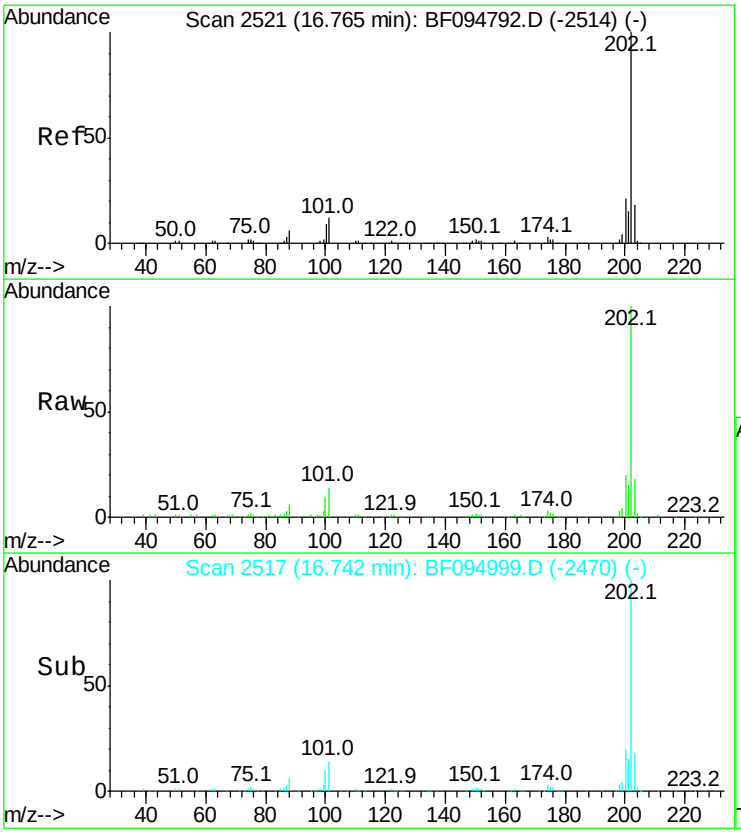
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 271603

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.1	10.2	15.2

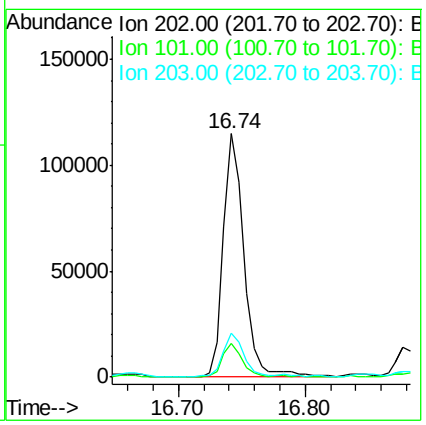


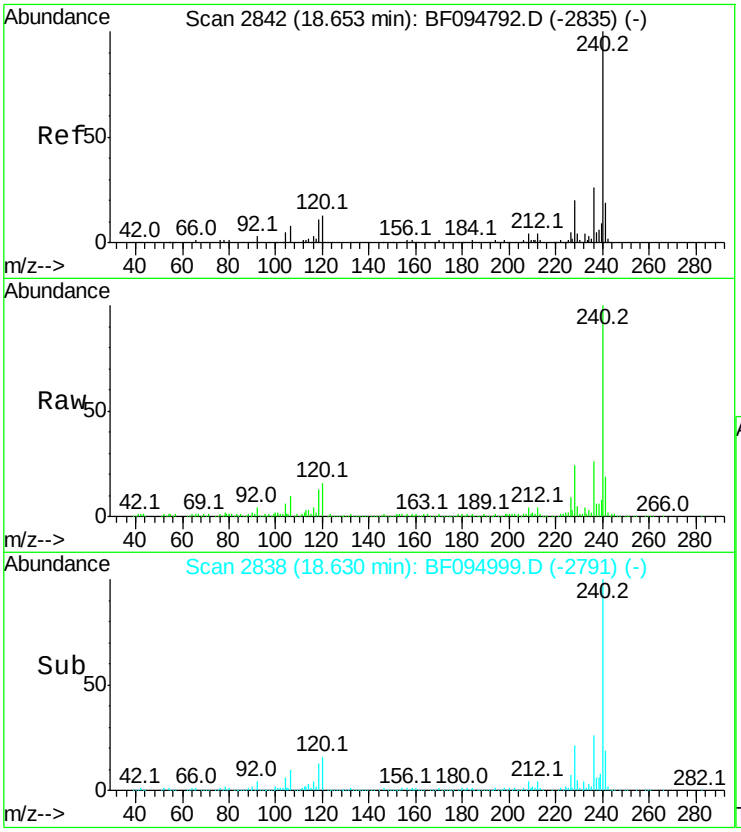


#74
Fluoranthene
Concen: 8.17 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:202 Resp: 130832

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1



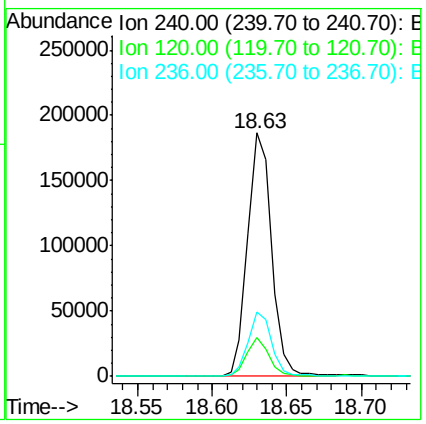


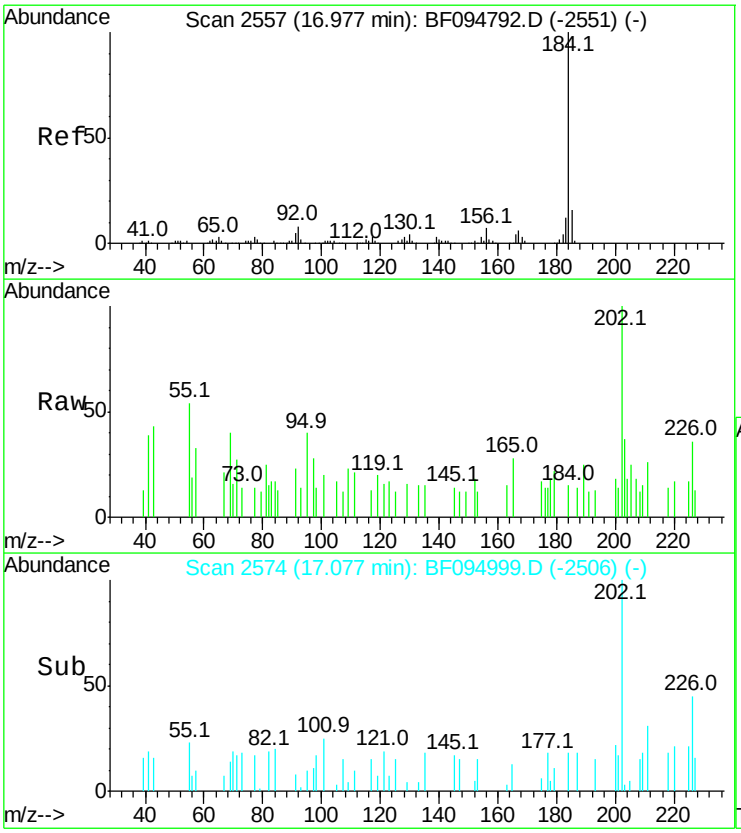
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 207371

Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.2	20.5	30.7

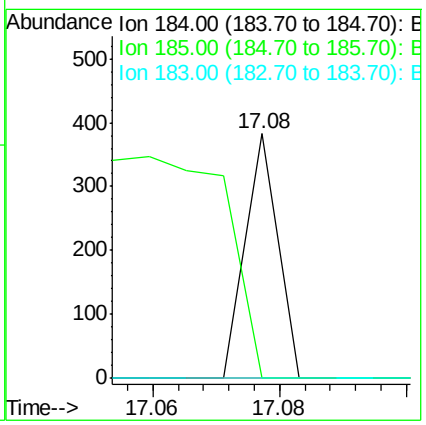


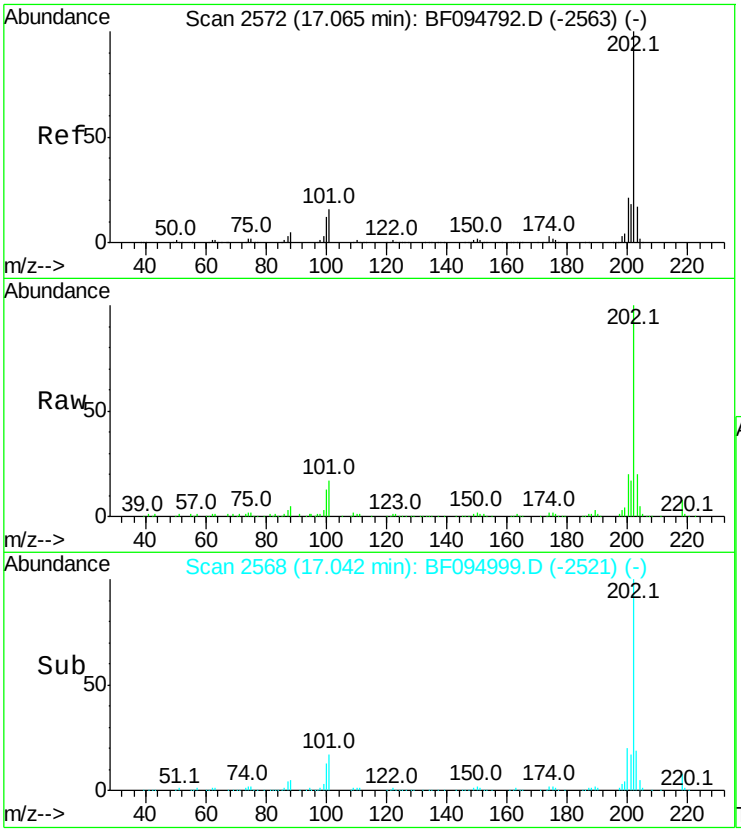


#76
Benzidine
Concen: 6.61 ng
RT: 17.08 min Scan# 2574
Delta R.T. 0.10 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:184 Resp: 135

Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	0.0	9.8	14.6#



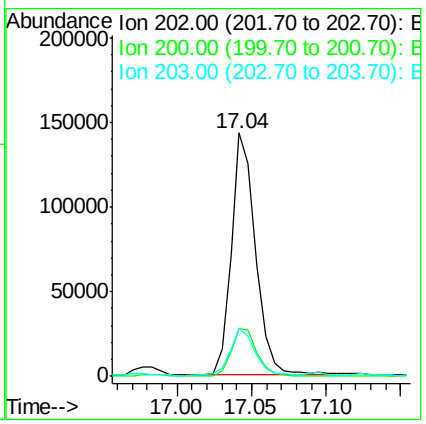


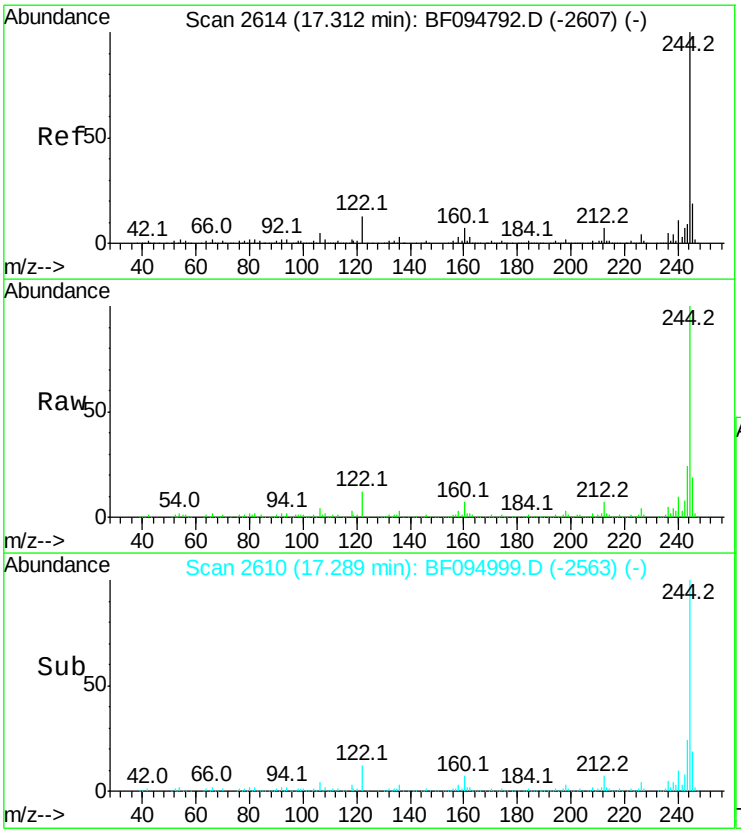
#77
Pyrene
Concen: 10.50 ng
RT: 17.04 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 162899

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	19.5	14.4	21.6

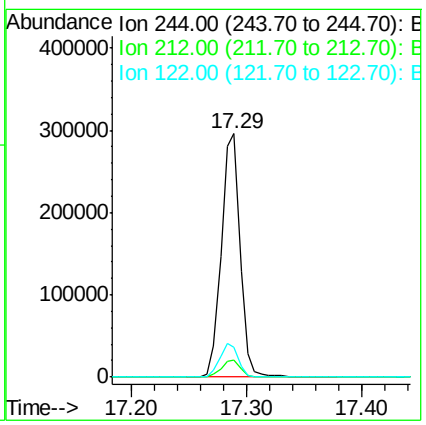


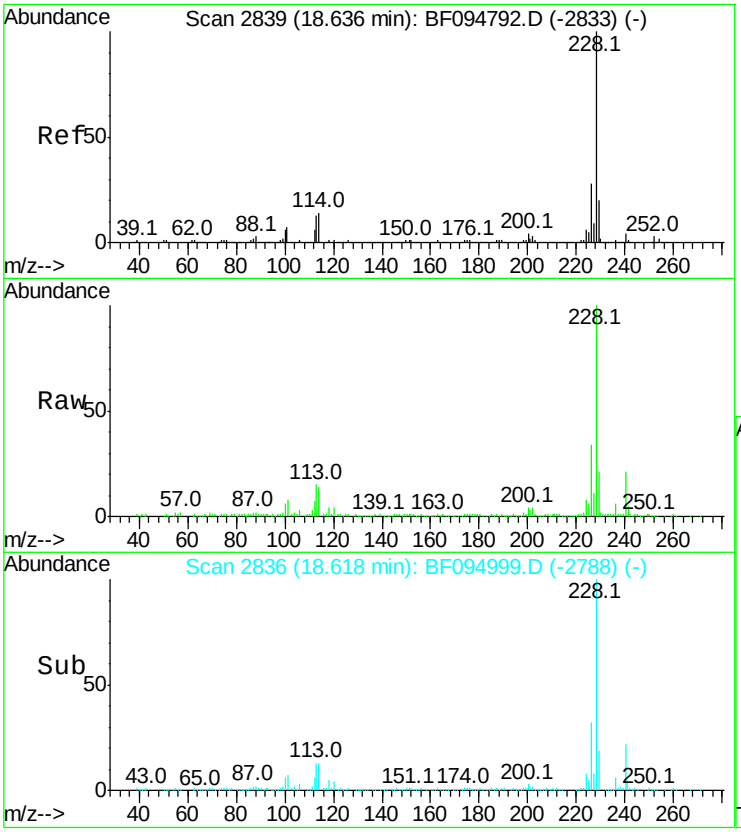


#78
Terphenyl-d14
Concen: 35.39 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:244 Resp: 333237

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.4	10.3	15.5



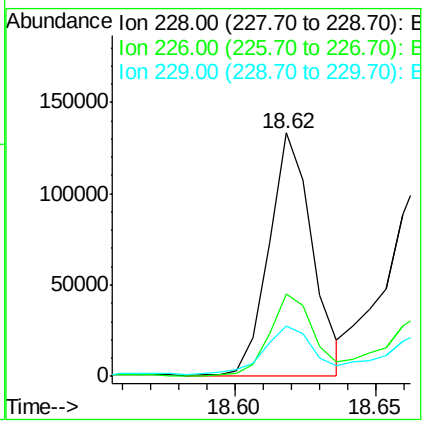


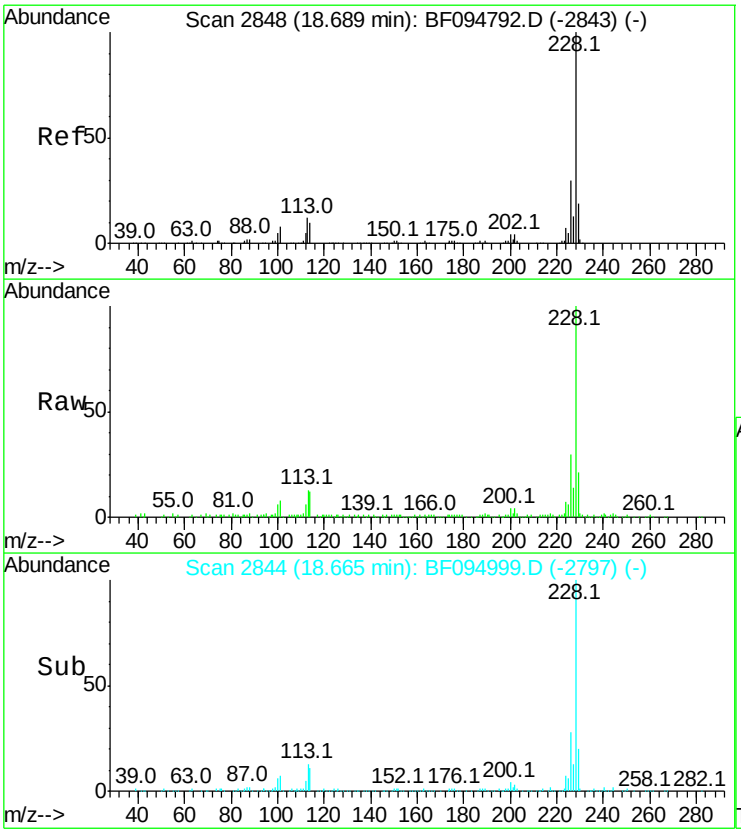
#80
Benzo(a)anthracene
Concen: 11.67 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 140876

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	20.8	16.3	24.5

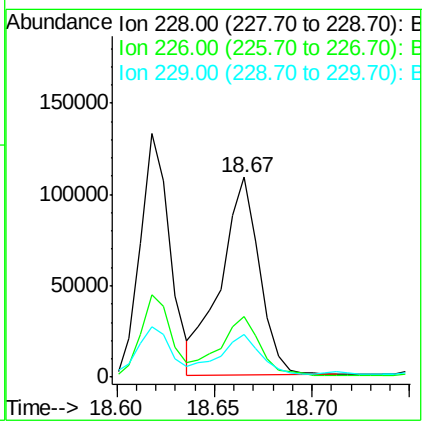


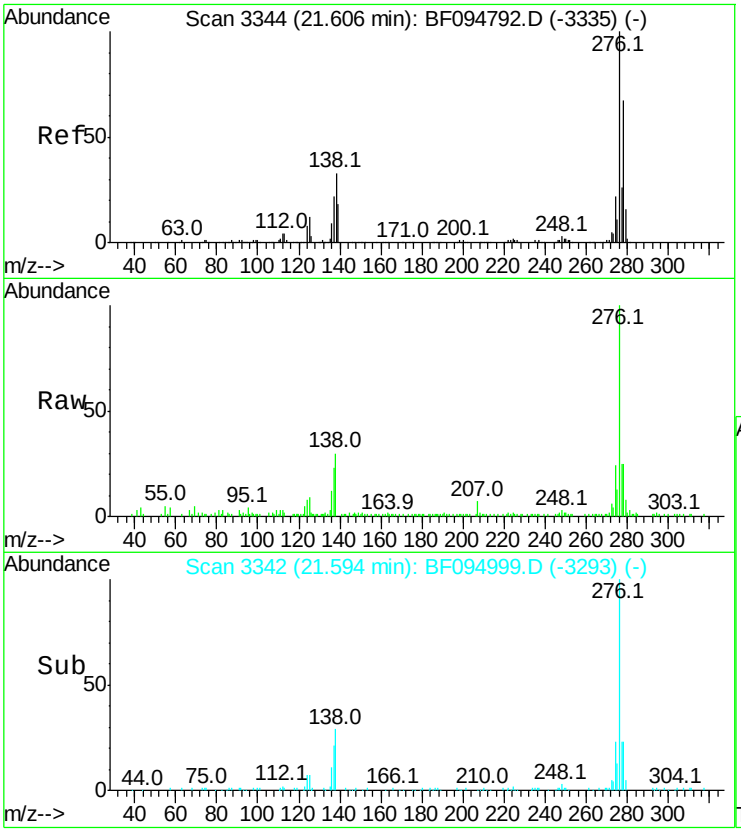


#82
Chrysene
Concen: 12.84 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:228 Resp: 149819

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.3	15.8	23.6



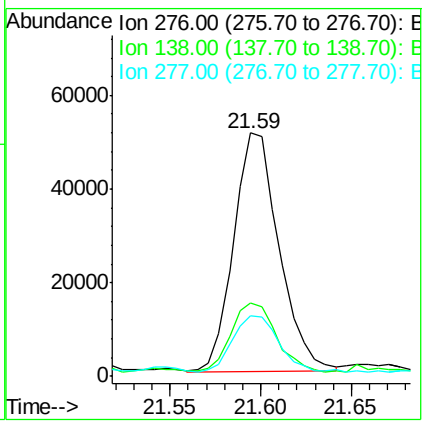


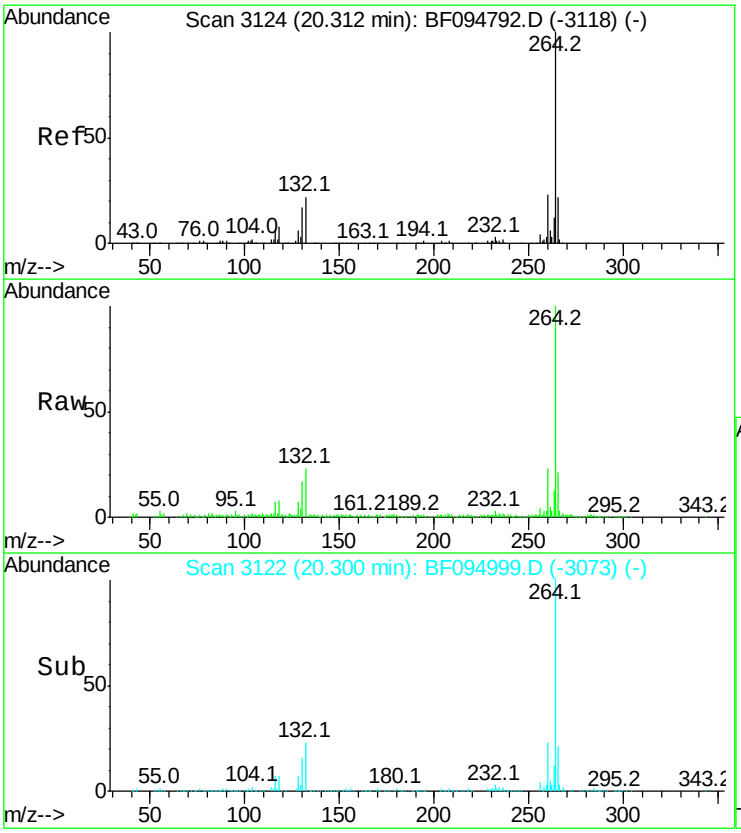
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.39 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 88966

Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.8	41.6
277	25.6	20.2	30.4

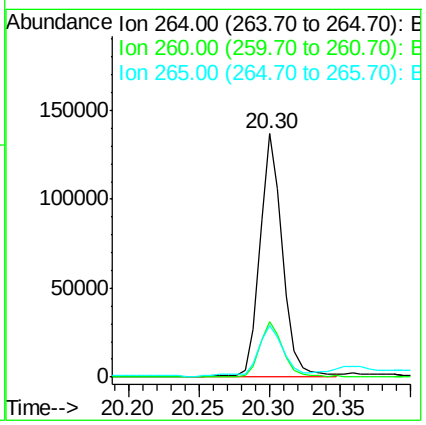


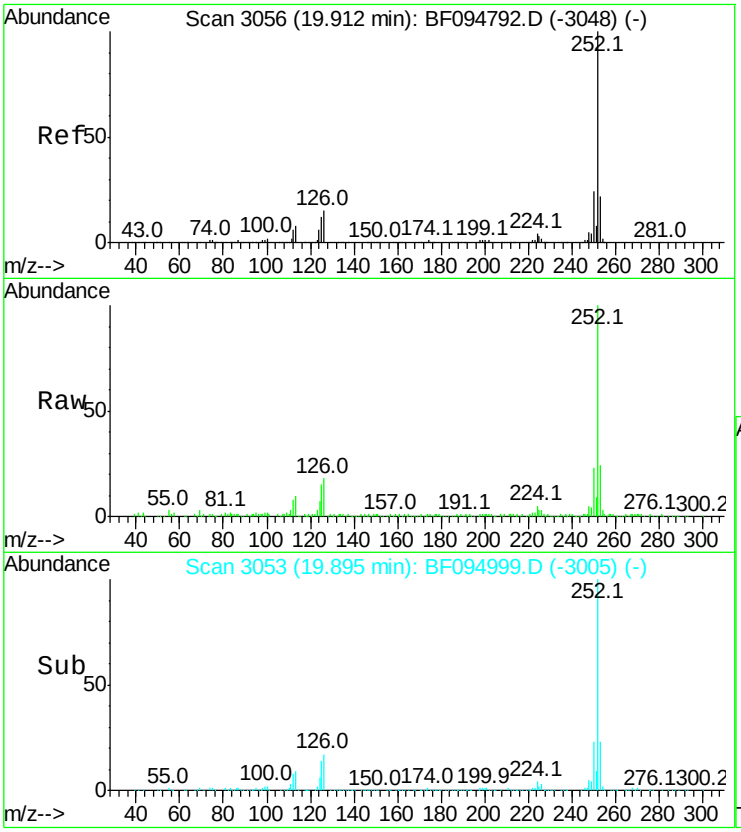


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:264 Resp: 155512

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	17.2	25.8



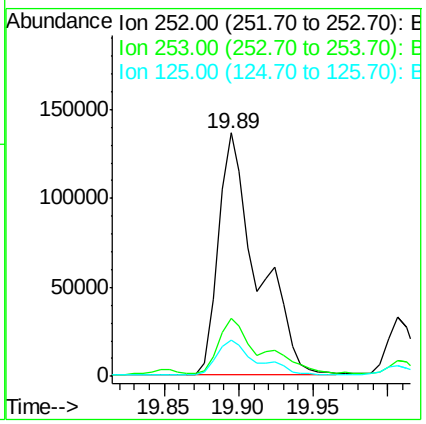


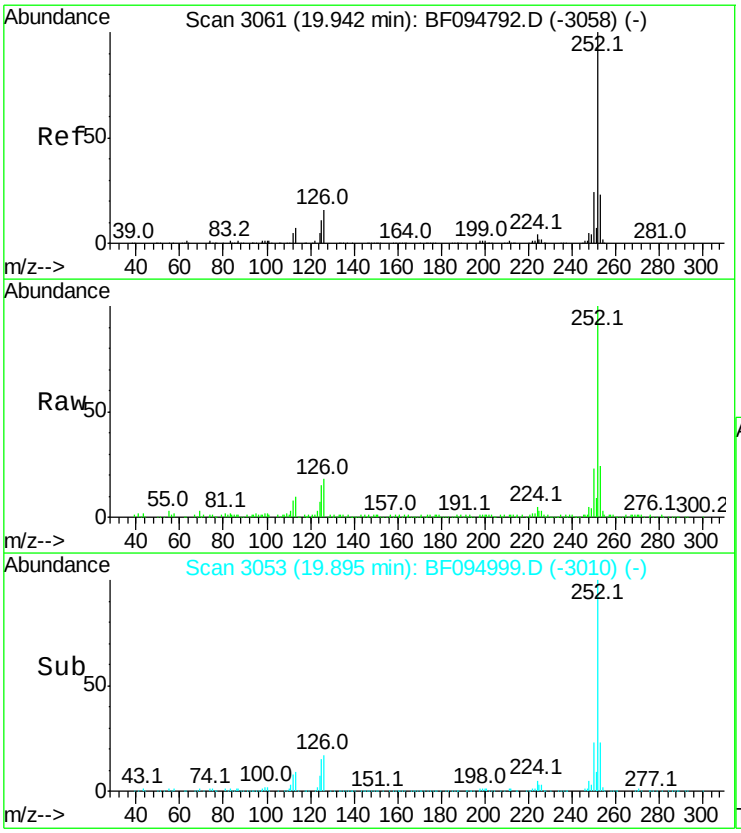
#87
Benzo(b)fluoranthene
Concen: 26.06 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 250405

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.0	9.8	14.8#

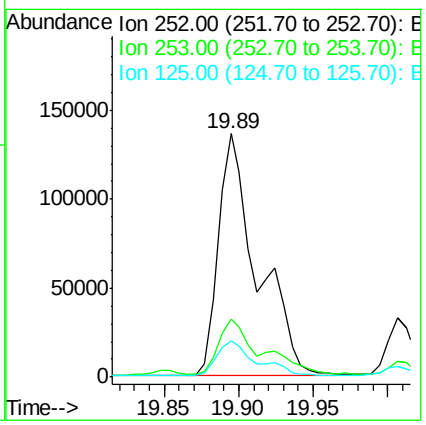


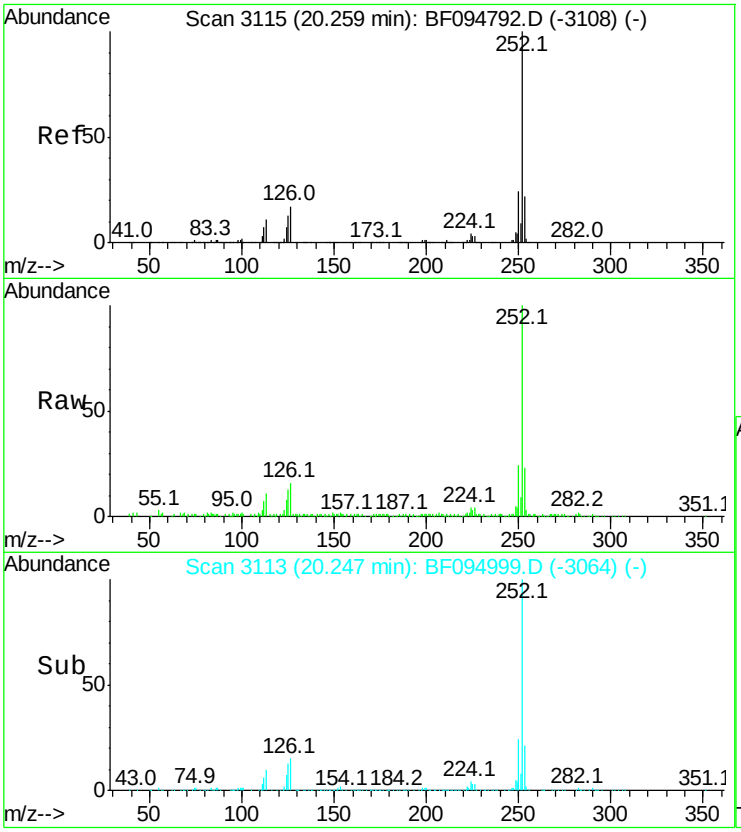


#88
Benzo(k)fluoranthene
Concen: 27.01 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.05 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:252 Resp: 250405

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	15.0	13.1	19.7



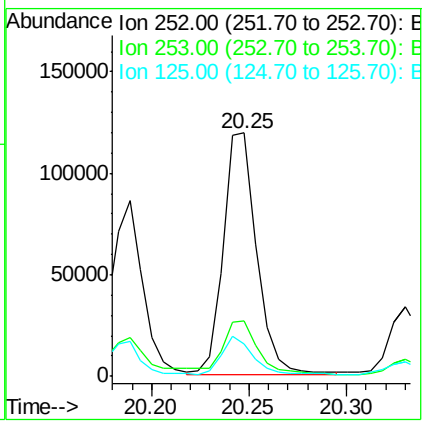


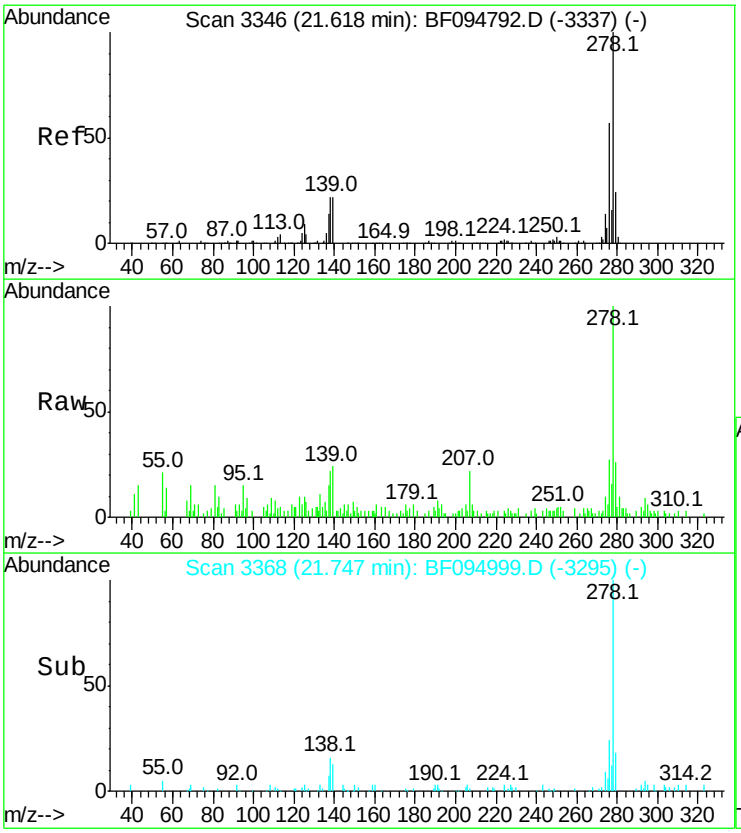
#89
Benzo(a)pyrene
Concen: 15.91 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 141076

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.3	11.0	16.4

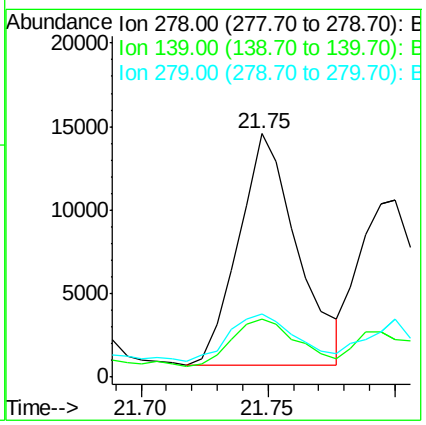


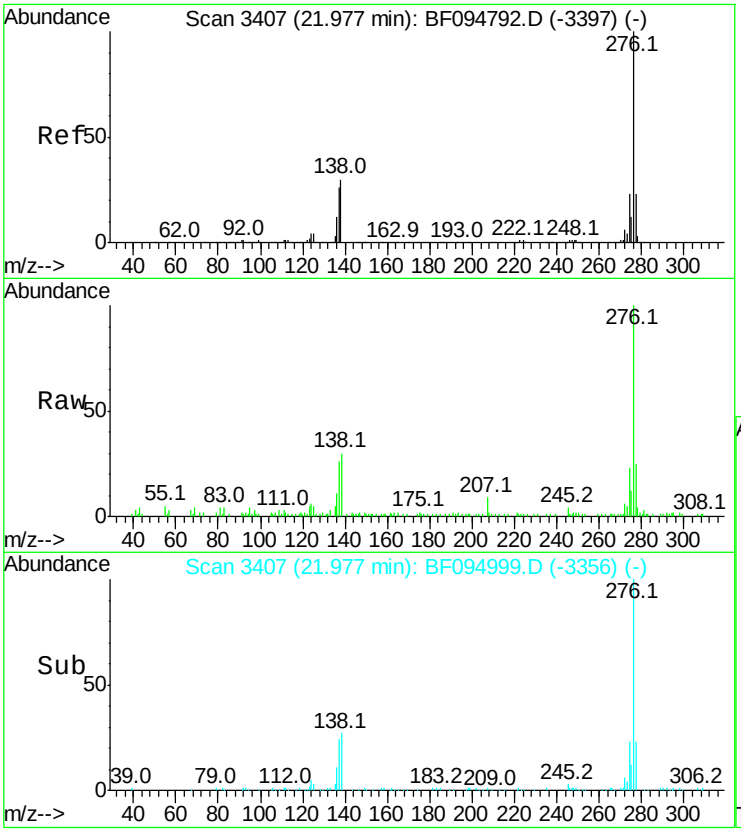


#90
Dibenzo(a,h)anthracene
Concen: 3.06 ng
RT: 21.75 min Scan# 3368
Delta R.T. 0.13 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion:278 Resp: 22390

Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	26.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 12.18 ng
RT: 21.98 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 87522

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	29.7	25.4	38.0