Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095001.D
Acq On : 9 May 2017 2:30
Operator : SJ/MA
Sample : I2947-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 07:04:47 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	99883	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	400249	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	147312	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	263339	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	217650	20.00	ng		-0.02
86) Perylene-d12	20.30	264	167956	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	320663	53.52	ng		-0.03
7) Phenol-d6	7.24	99	392118	54.55	ng		-0.04
23) Nitrobenzene-d5	8.61	82	213442	33.63	ng		-0.03
41) 2,4,6-Tribromophenol	13.86	330	58868	48.79	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	366823	35.84	ng		-0.02
78) Terphenyl-d14	17.28	244	232356	23.51	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.61	70	26359	5.42	ng	#	72
49) Dimethylphthalate	12.20	163	58581	4.84	ng		96
50) 2,6-Dinitrotoluene	12.57	165	16669	6.76	ng	#	31
74) Fluoranthene	16.75	202	49364	3.18	ng		97
77) Pyrene	17.05	202	47281	2.90	ng		96
87) Benzo(b)fluoranthene	19.89	252	39365	3.79	ng	#	96
88) Benzo(k)fluoranthene	19.89	252	39365	3.93	ng		99
89) Benzo(a)pyrene	20.25	252	21135	2.21	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095001.D
Acq On : 9 May 2017 2:30
Operator : SJ/MA
Sample : I2947-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 07:04:47 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
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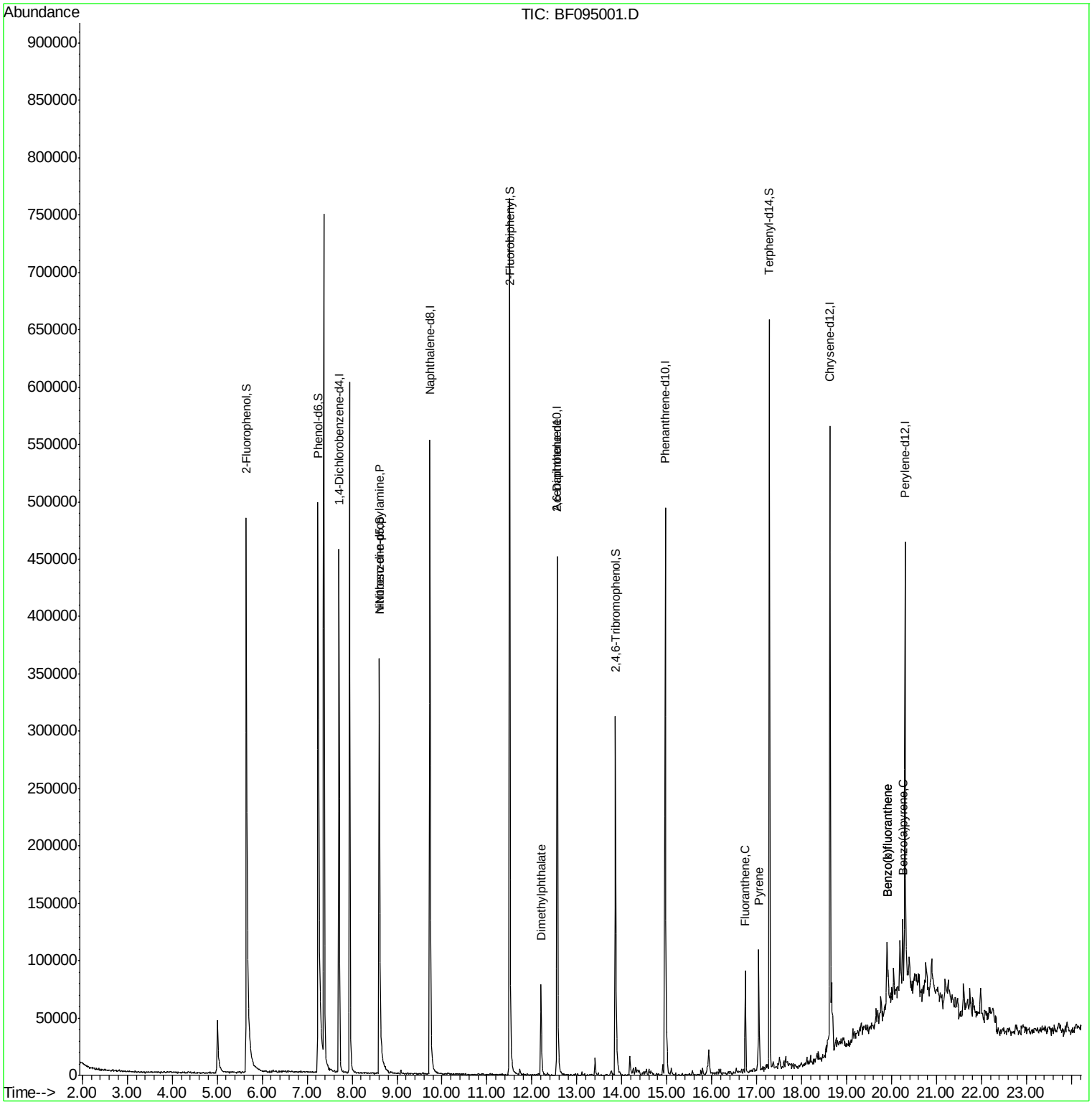
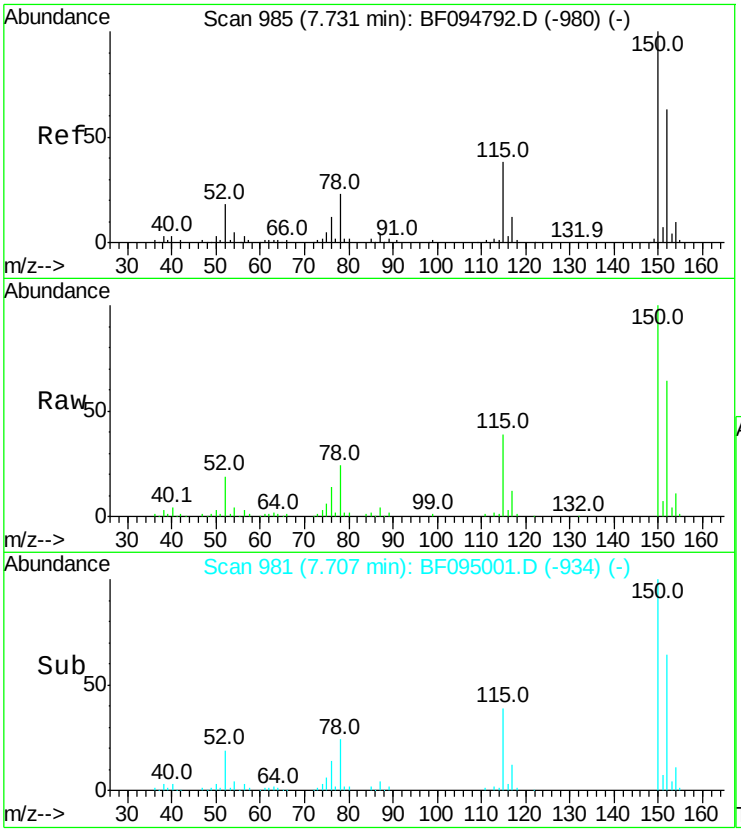


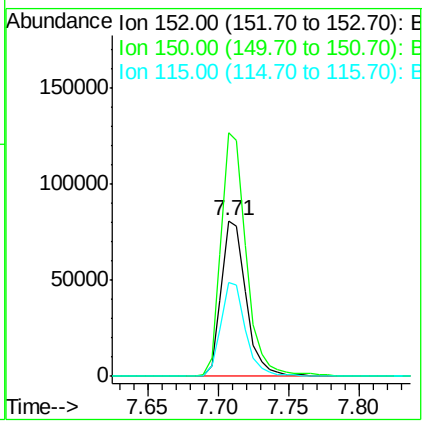


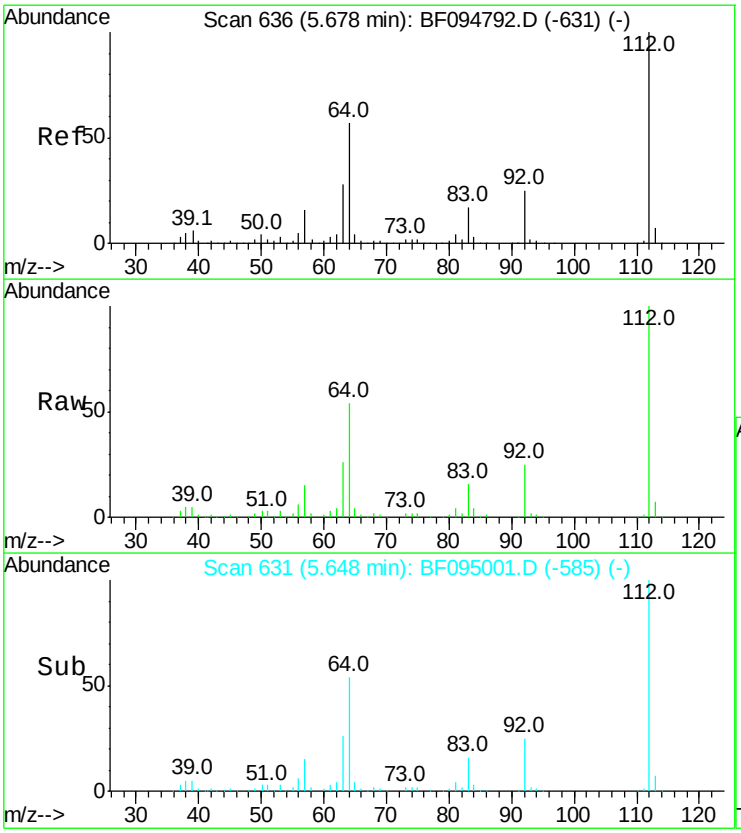
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99883

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.5	52.2	78.2

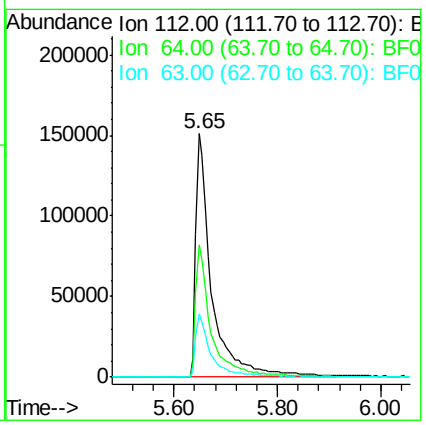


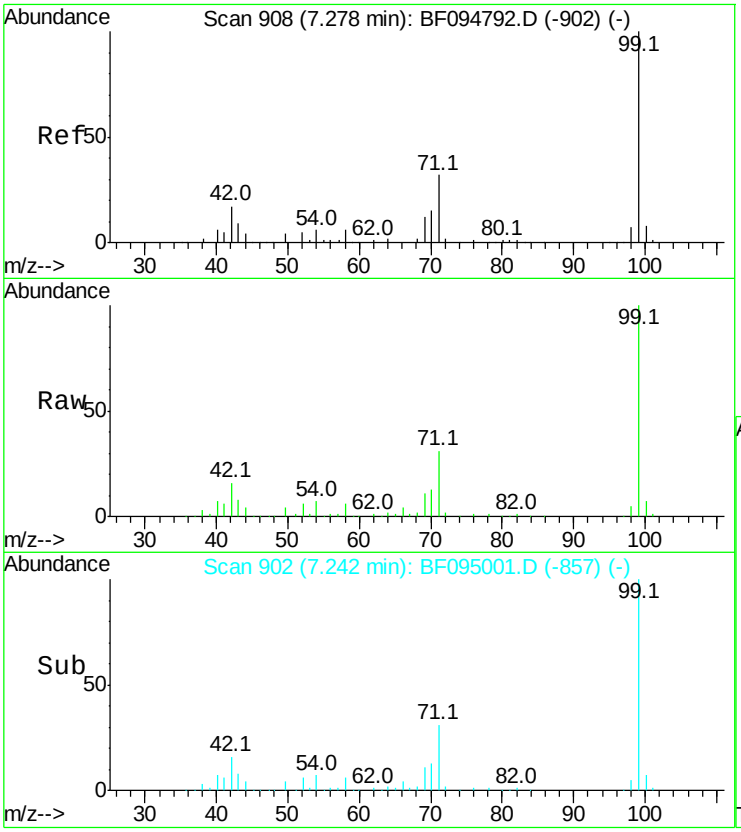


#5
2-Fluorophenol
Concen: 53.52 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:112 Resp: 320663

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	25.9	23.4	35.0



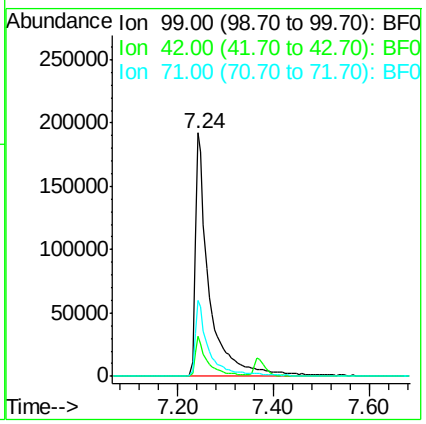


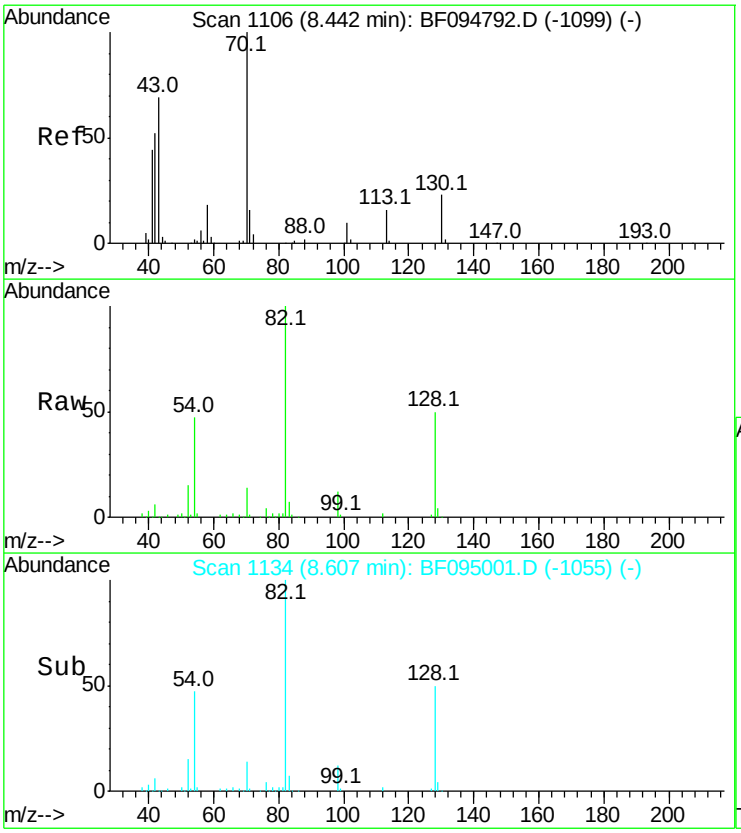
#7
Phenol-d6
Concen: 54.55 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.04 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 392118

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	31.1	24.5	36.7

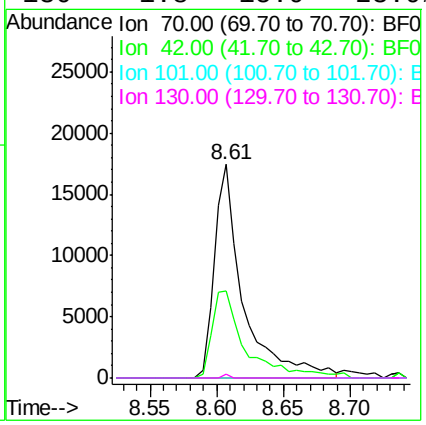


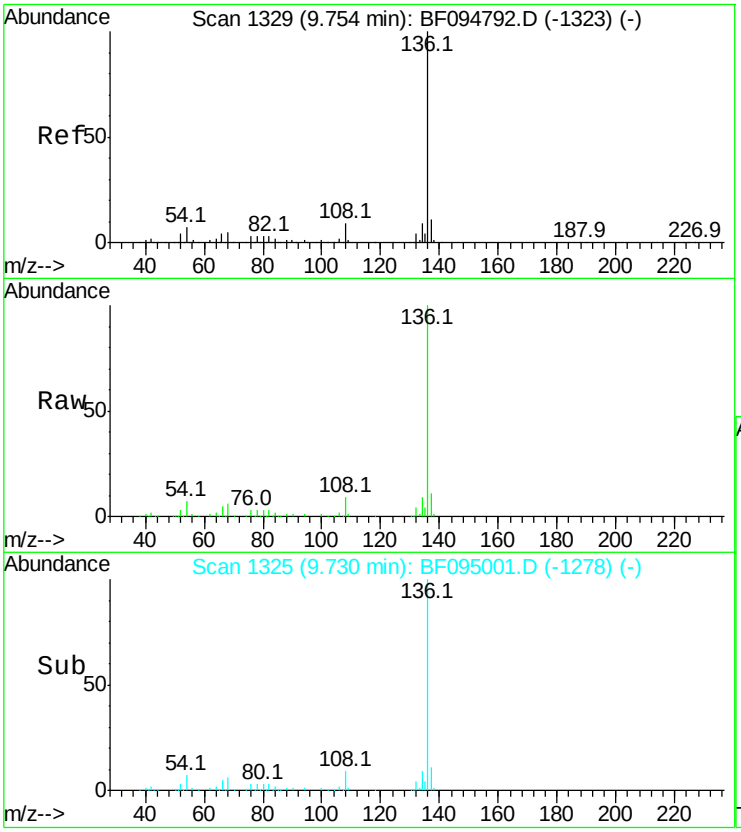


#19
n-Nitroso-di-n-propylamine
Concen: 5.42 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.16 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion: 70 Resp: 26359

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



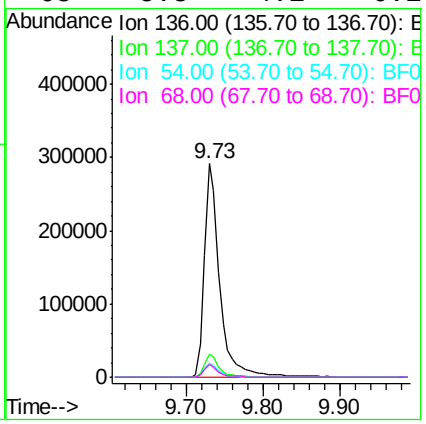


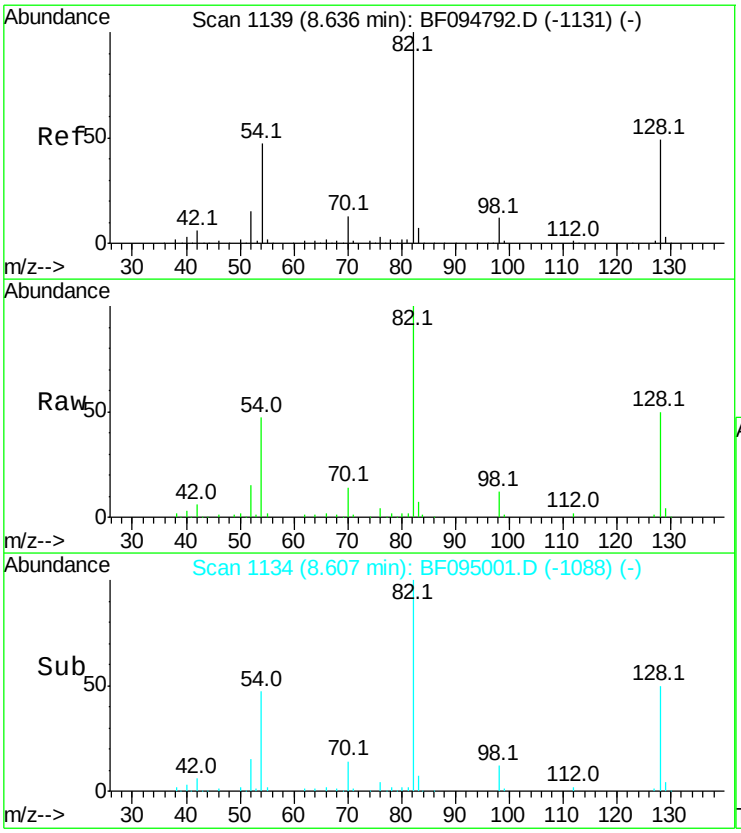
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 400249

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1

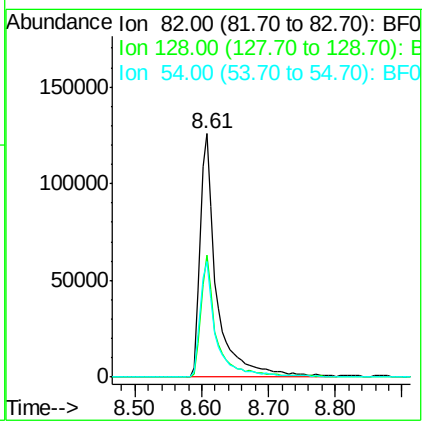


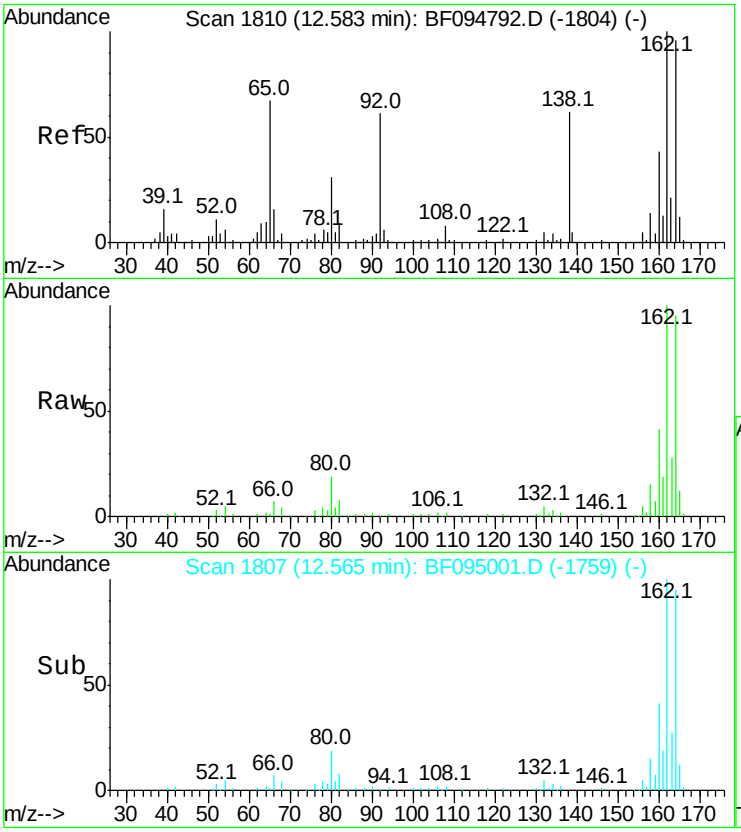


#23
Nitrobenzene-d5
Concen: 33.63 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion: 82 Resp: 213442

Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.0	51.0
54	47.3	42.2	63.2



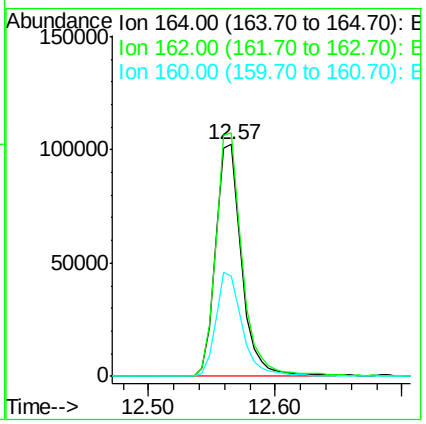


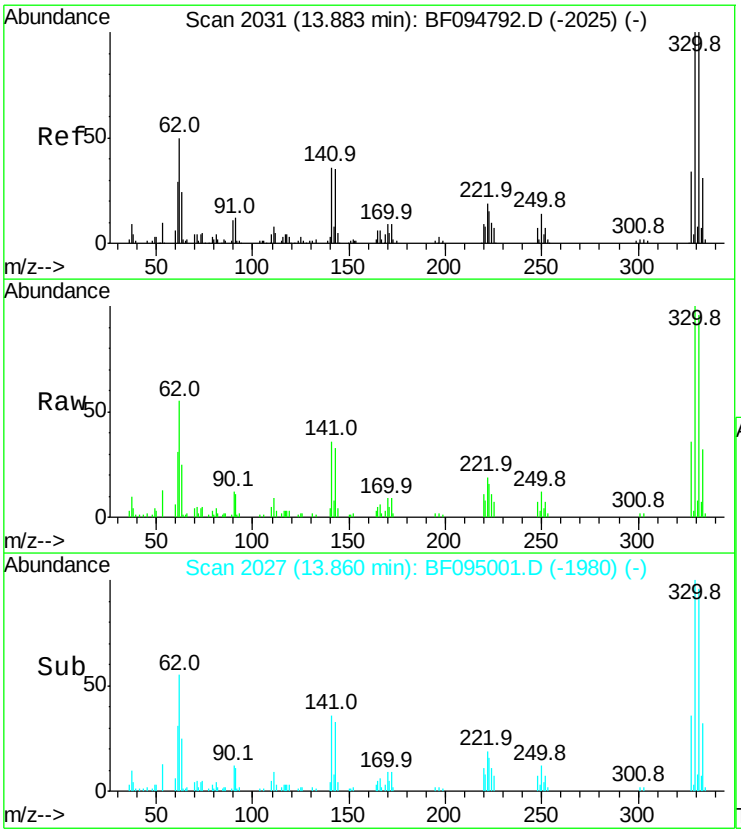
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 147312

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	43.4	36.2	54.2

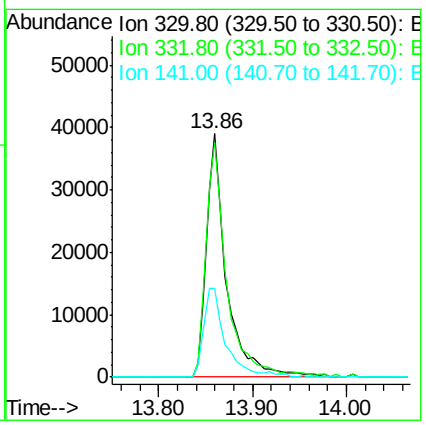


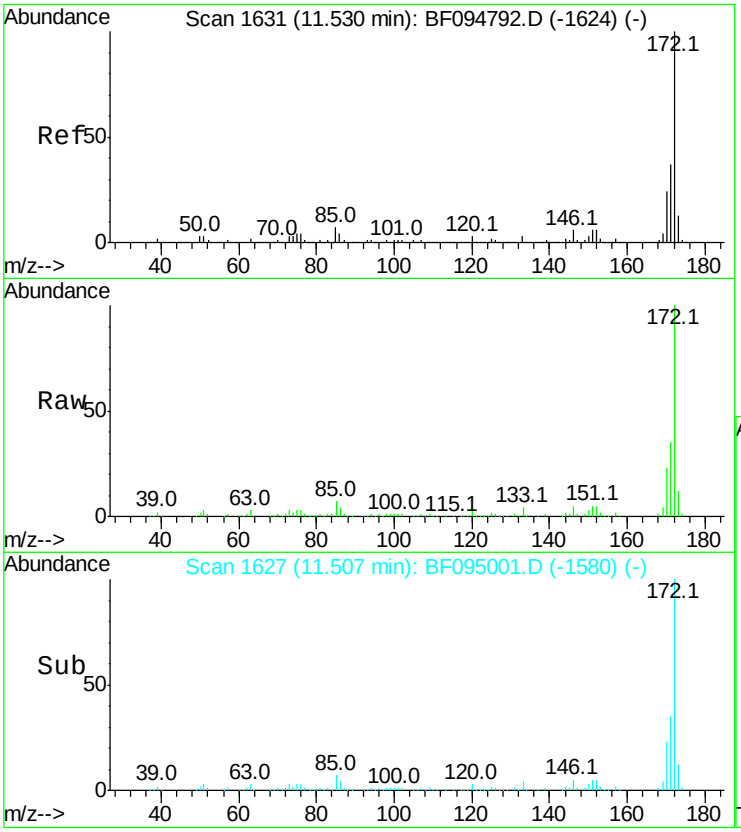


#41
2,4,6-Tribromophenol
Concen: 48.79 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:330 Resp: 58868

Ion	Ratio	Lower	Upper
330	100		
332	100.6	76.6	115.0
141	39.7	31.4	47.2



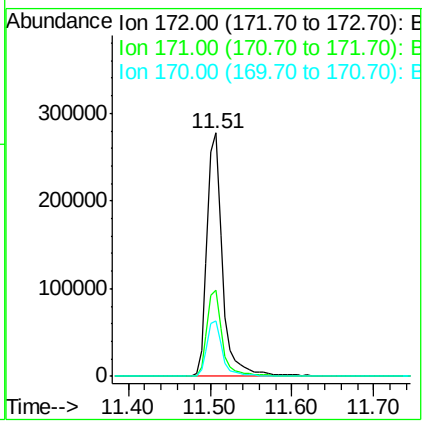


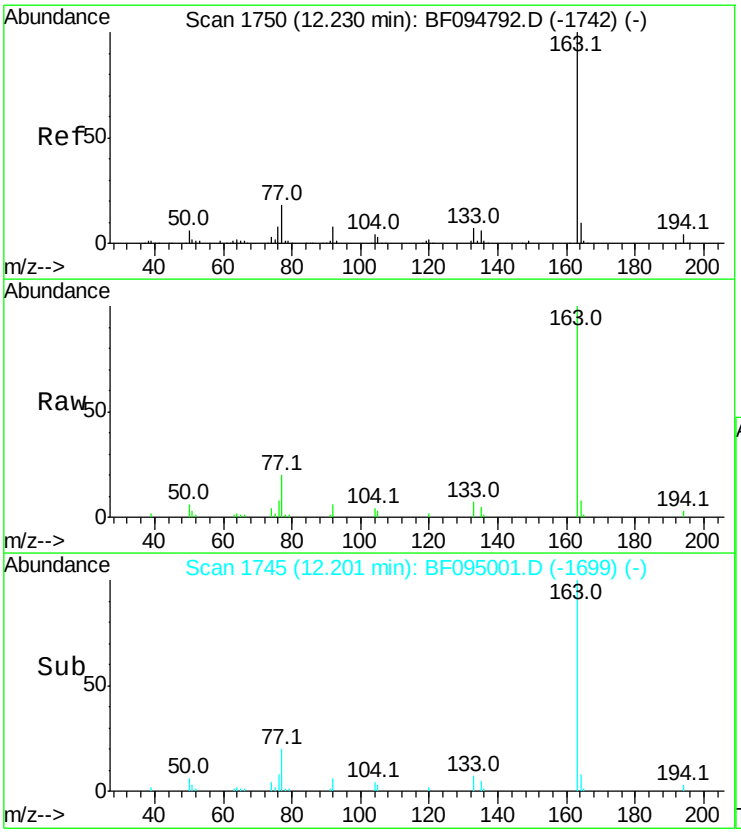
#44
2-Fluorobiphenyl
Concen: 35.84 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 366823

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.0	19.8	29.8

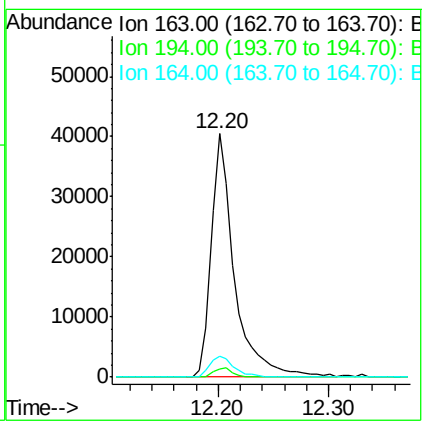


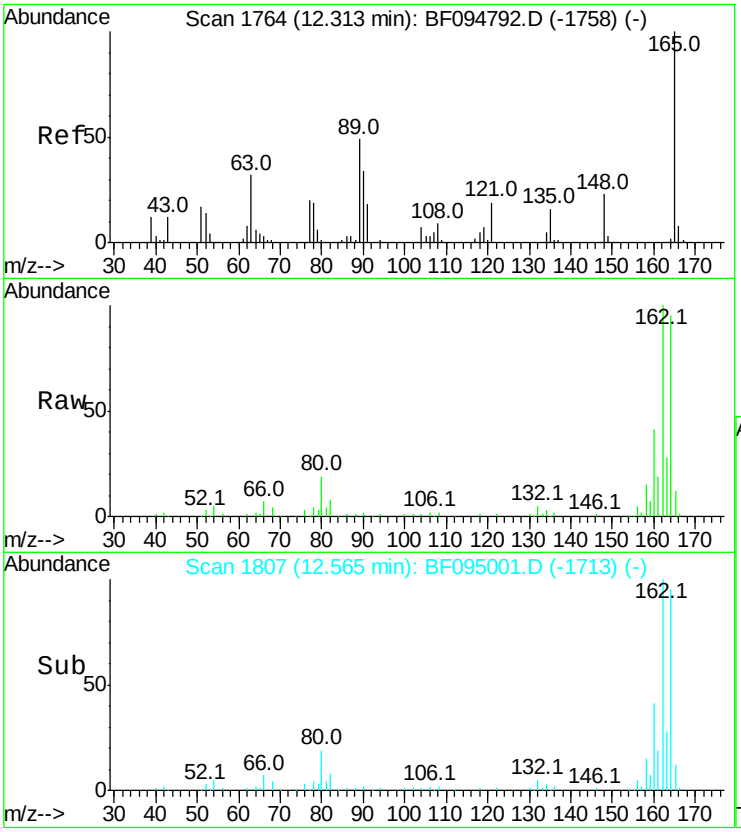


#49
Dimethylphthalate
Concen: 4.84 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:163 Resp: 58581

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	8.5	8.4	12.6



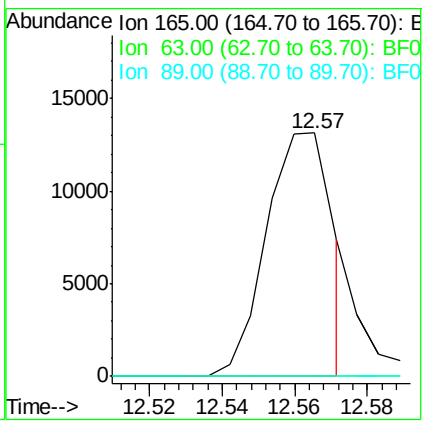


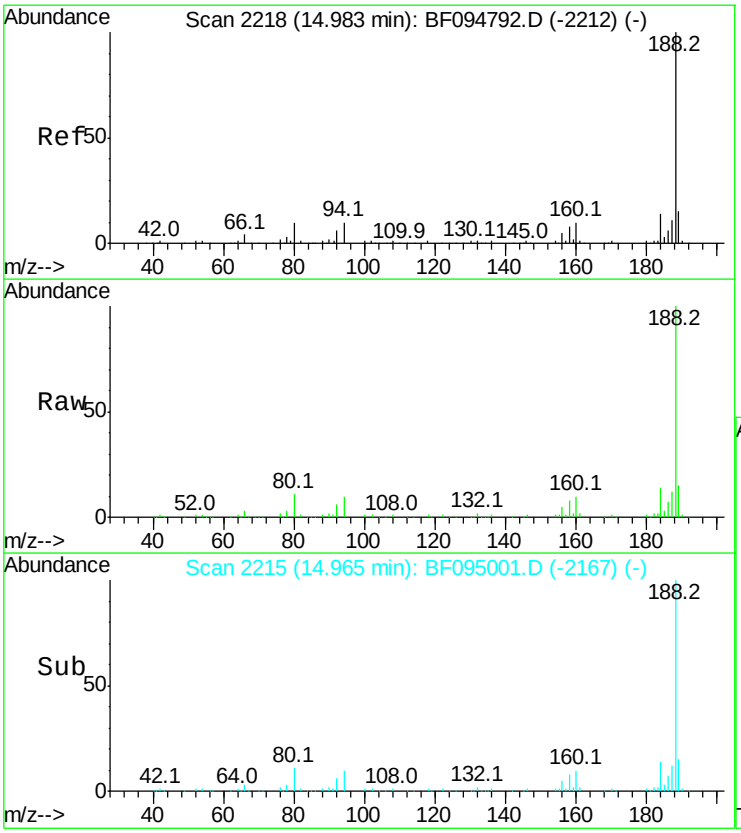
#50
2,6-Dinitrotoluene
Concen: 6.76 ng
RT: 12.57 min Scan# 1807
Delta R.T. 0.25 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16669

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

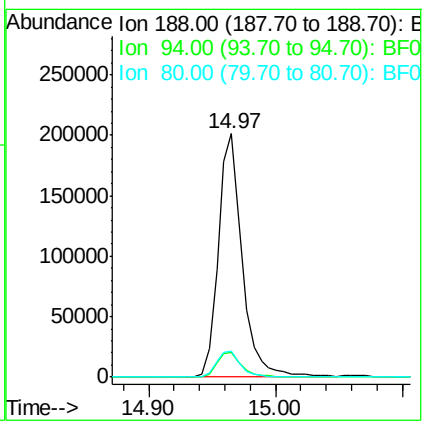


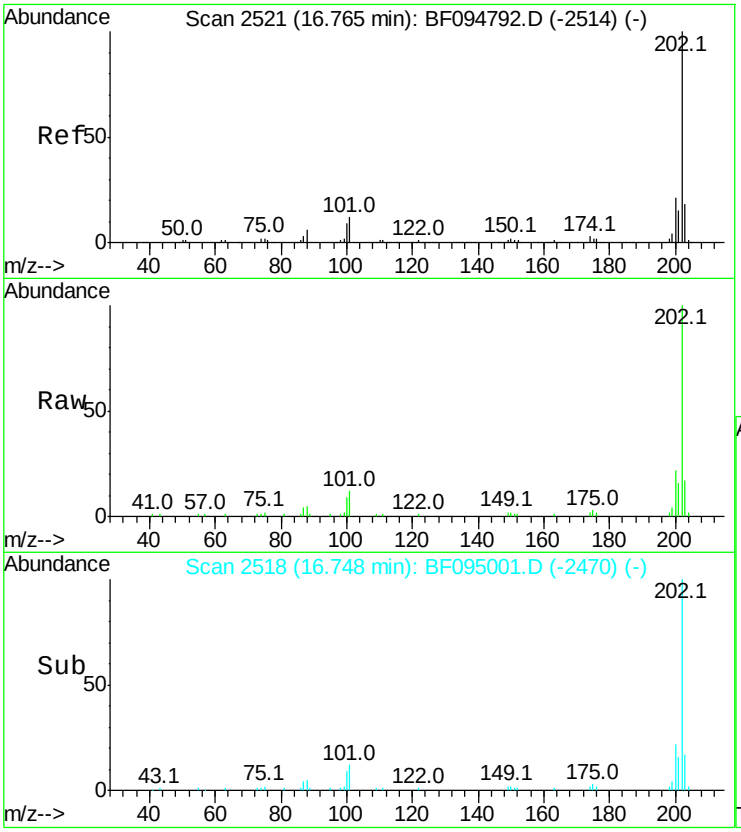


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:188 Resp: 263339

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



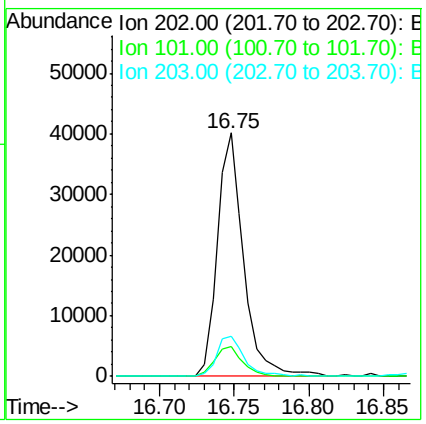


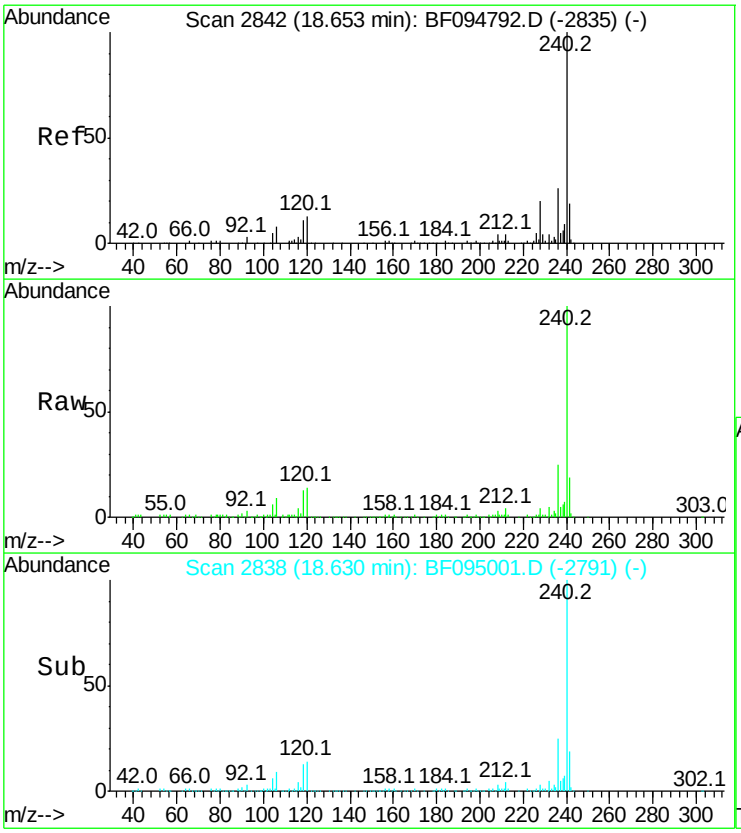
#74
Fluoranthene
Concen: 3.18 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 49364

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	16.7	0.0	38.1

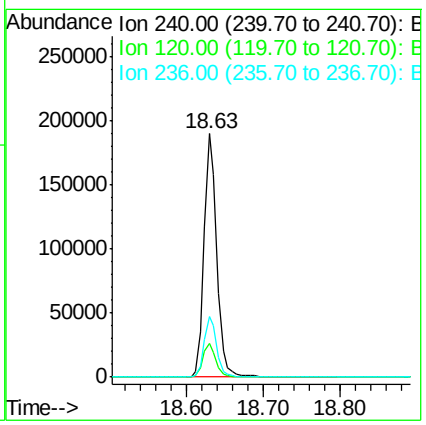


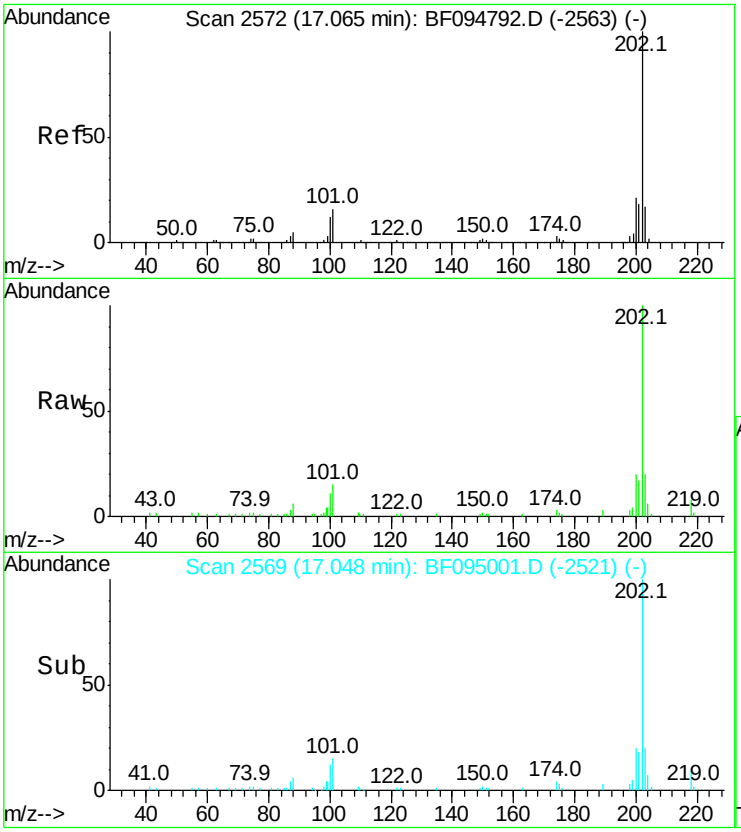


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:240 Resp: 217650

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.1	20.5	30.7



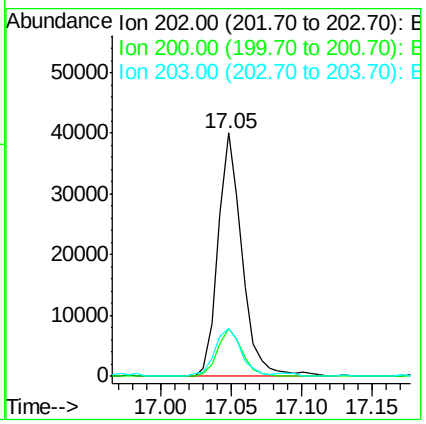


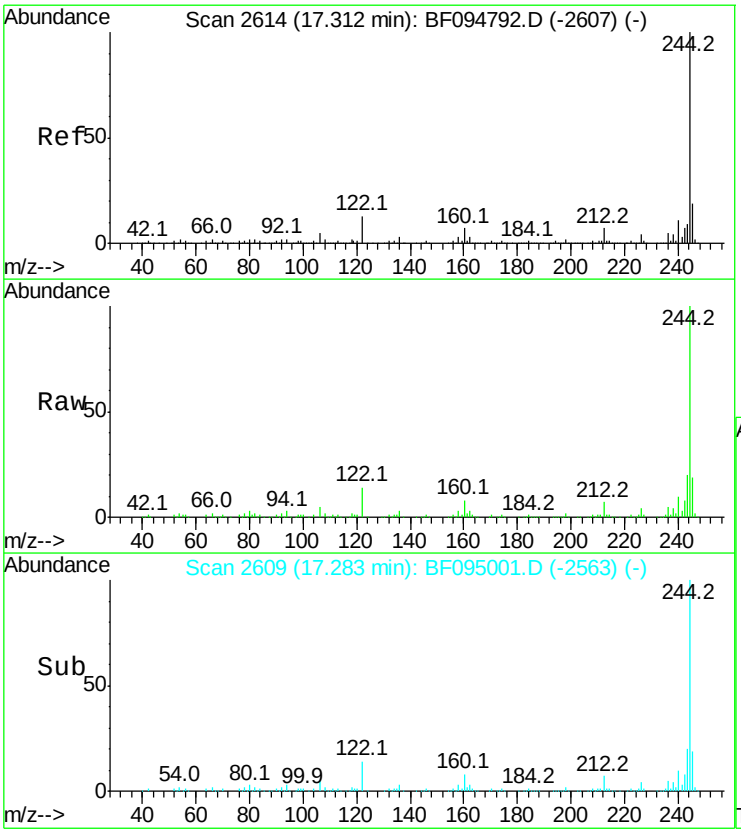
#77
Pyrene
Concen: 2.90 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 47281

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	19.8	14.4	21.6

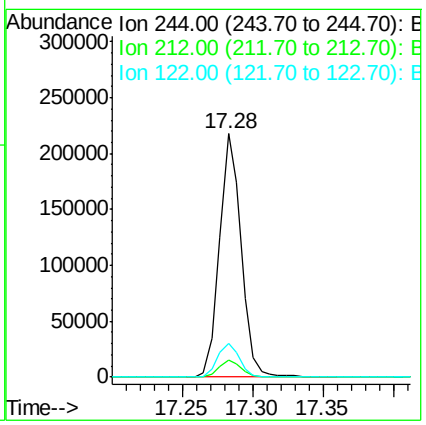


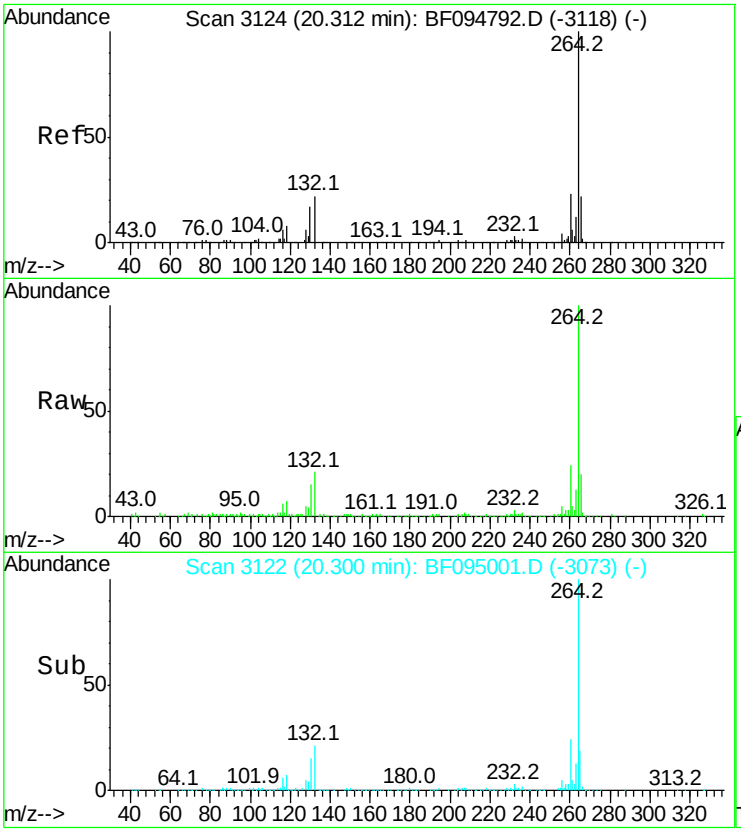


#78
Terphenyl-d14
Concen: 23.51 ng
RT: 17.28 min Scan# 2609
Delta R.T. -0.03 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:244 Resp: 232356

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.6	10.3	15.5



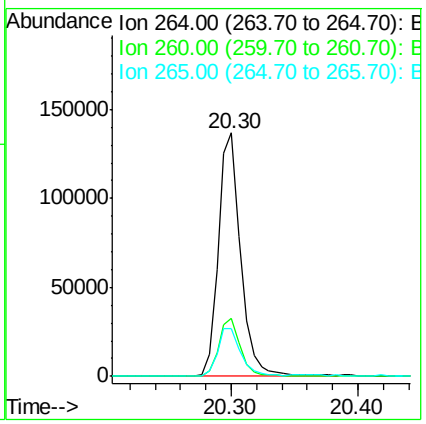


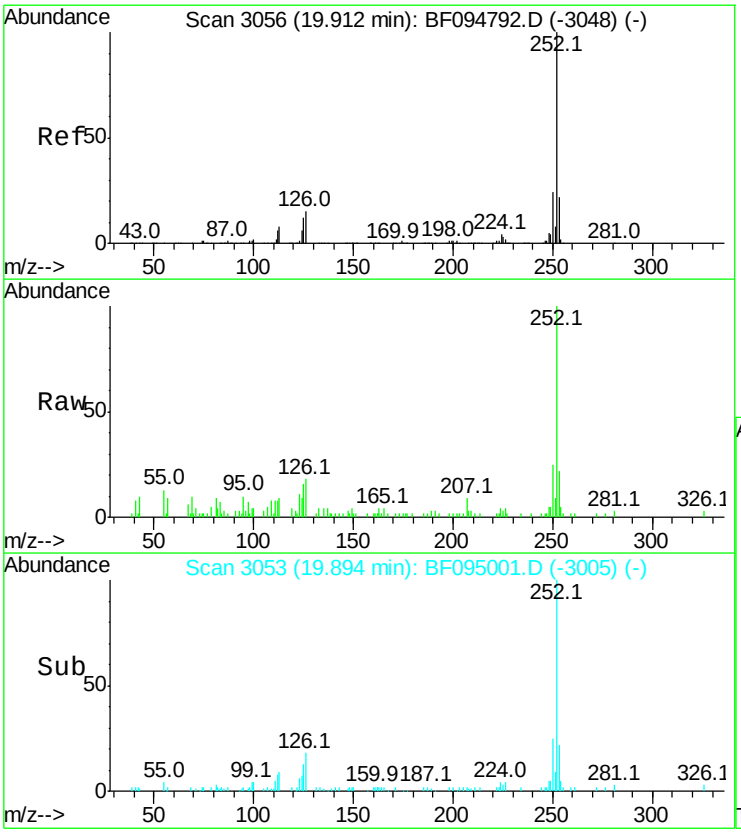
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167956

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	19.7	17.2	25.8

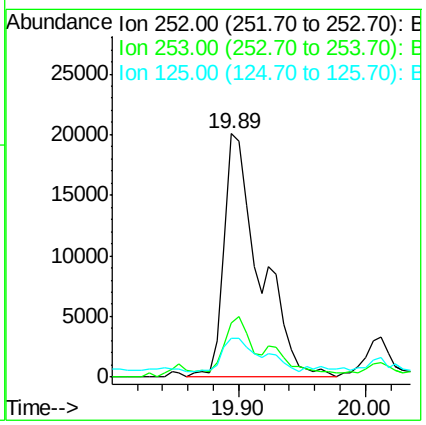


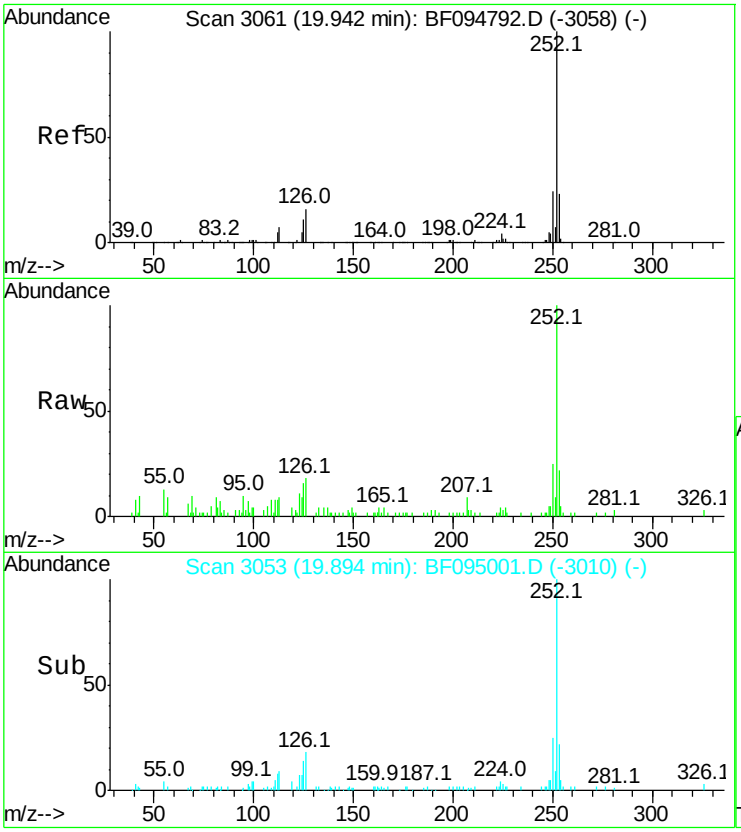


#87
Benzo(b)fluoranthene
Concen: 3.79 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:252 Resp: 39365

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.1	9.8	14.8#



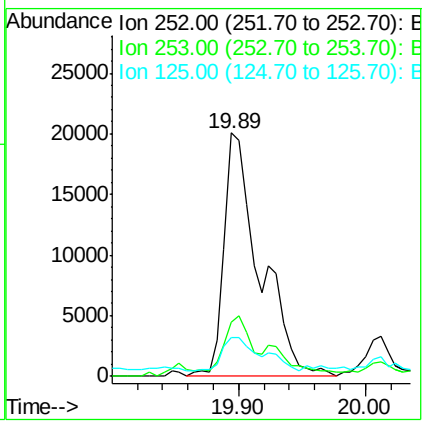


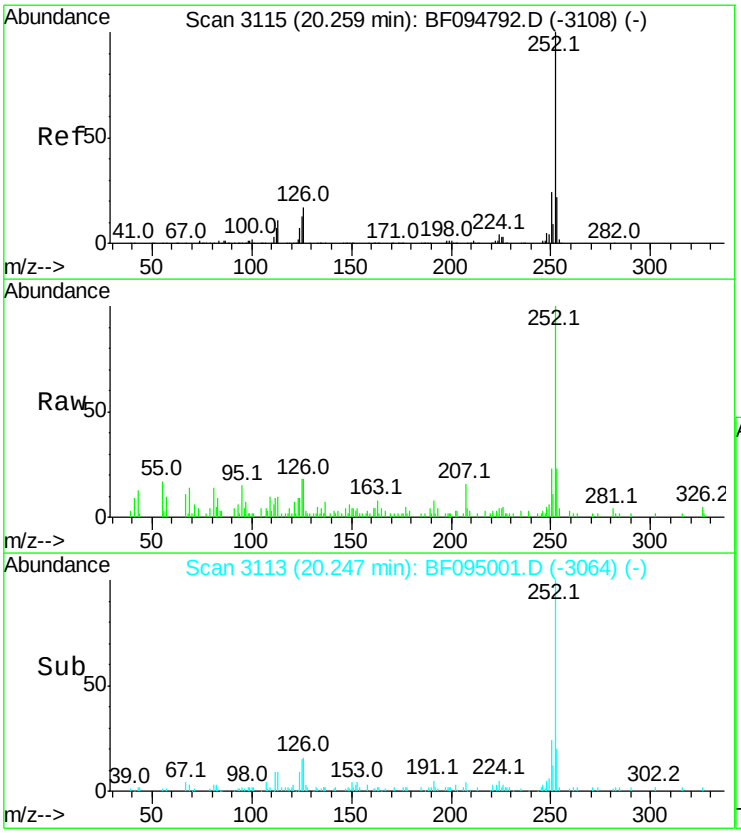
#88
Benzo(k)fluoranthene
Concen: 3.93 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.05 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39365

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	16.1	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.21 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF095001.D
Acq: 9 May 2017 2:30

Tgt Ion:252 Resp: 21135

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.9	11.0	16.4#