Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 25 01:44:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	88039	20.00	ng		-0.01
21) Naphthalene-d8	9.78	136	378585	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	171413	20.00	ng		-0.01
63) Phenanthrene-d10	15.01	188	299715	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	185755	20.00	ng		-0.02
86) Perylene-d12	20.35	264	164040	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	257782	48.82	ng		0.00
7) Phenol-d6	7.31	99	325725	51.41	ng		0.00
23) Nitrobenzene-d5	8.67	82	190145	31.67	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	75058	53.47	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	449347	37.73	ng		-0.02
78) Terphenyl-d14	17.32	244	312286	37.03	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.67	70	20838	4.86	ng	#	76
49) Dimethylphthalate	12.25	163	68746	4.89	ng		97
50) 2,6-Dinitrotoluene	12.61	165	18718	6.52	ng	#	31
70) Phenanthrene	15.05	178	52893	3.07	ng		98
74) Fluoranthene	16.78	202	585976	33.17	ng		98
77) Pyrene	17.09	202	584366	42.06	ng		97
80) Benzo(a)anthracene	18.67	228	217958	20.16	ng		98
82) Chrysene	18.71	228	243842	23.33	ng		98
85) Indeno(1,2,3-cd)pyrene	21.69	276	166674	19.63	ng	#	91
87) Benzo(b)fluoranthene	19.95	252	375952	37.09	ng		98
88) Benzo(k)fluoranthene	19.95	252	375952	38.45	ng		98
89) Benzo(a)pyrene	20.30	252	205913	22.02	ng		99
91) Benzo(g,h,i)perylene	22.07	276	173110	22.84	ng		98

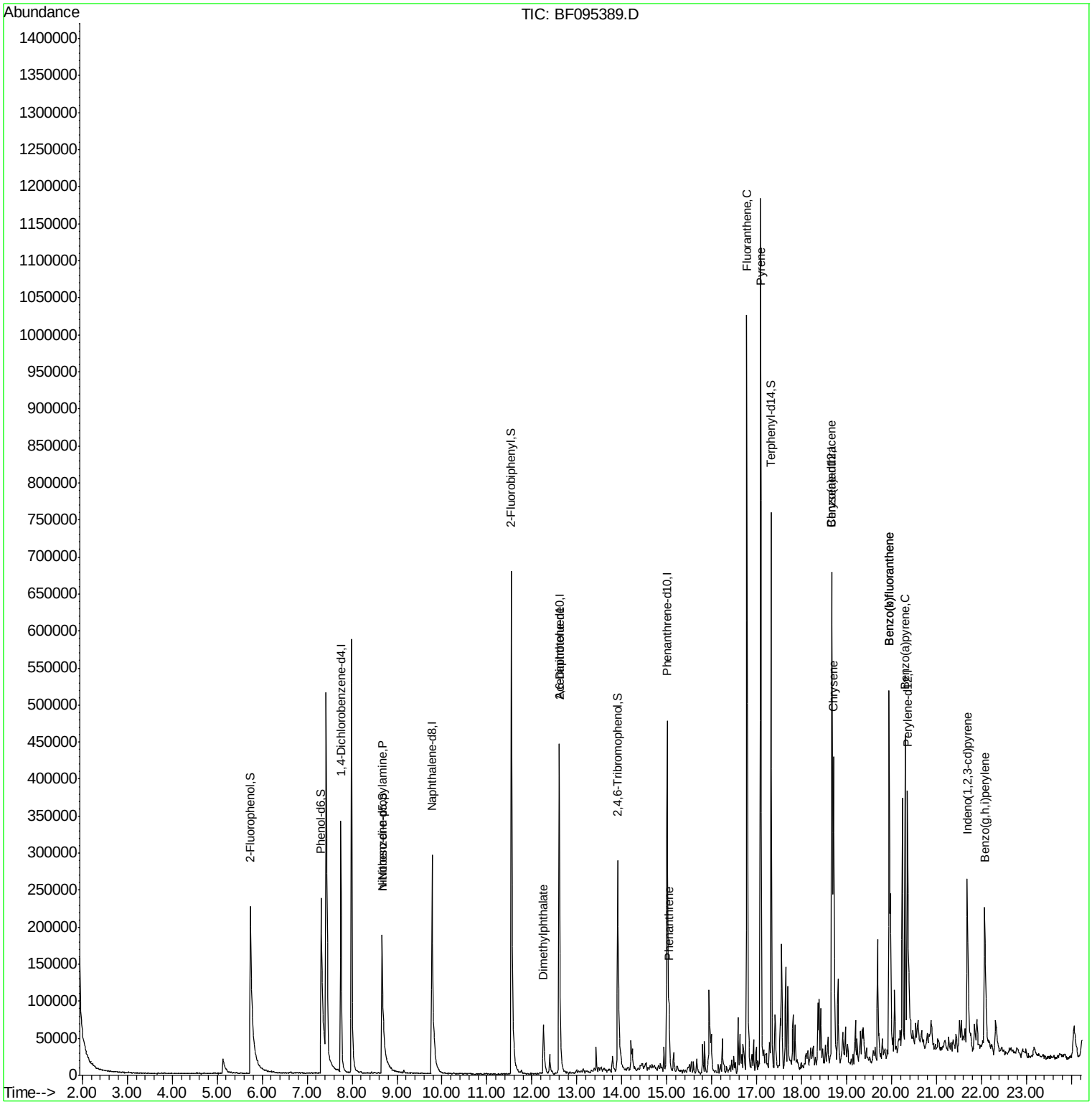
(#) = qualifier out of range (m) = manual integration (+) = signals summed

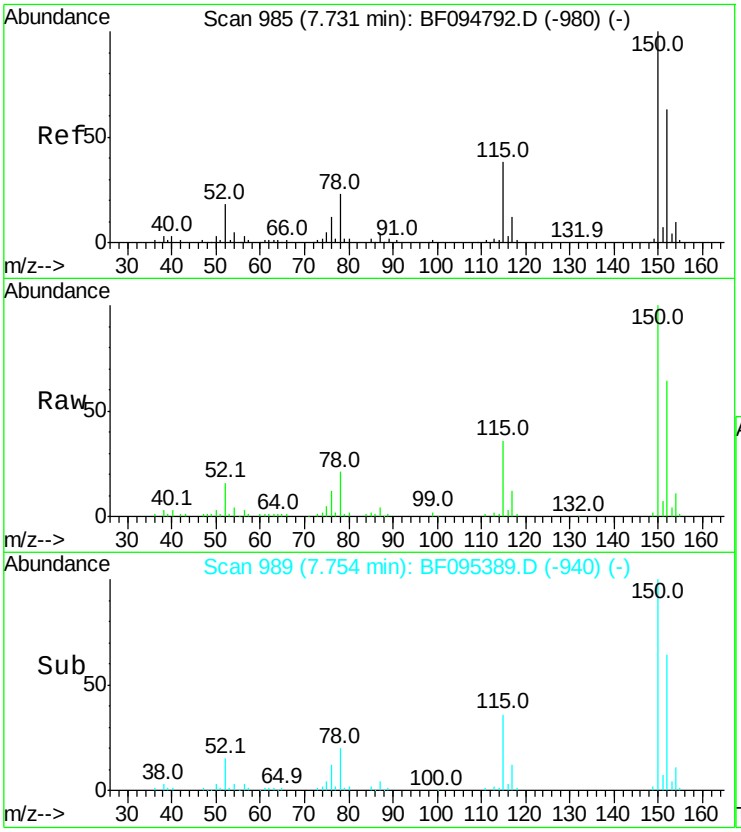
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 25 01:44:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



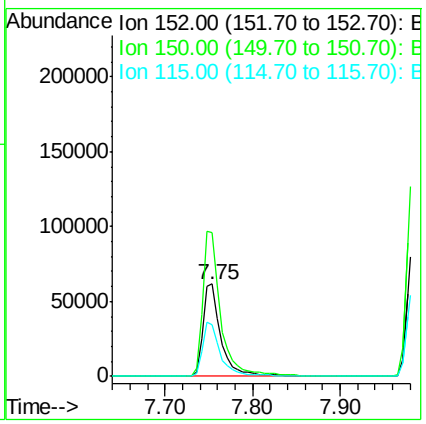


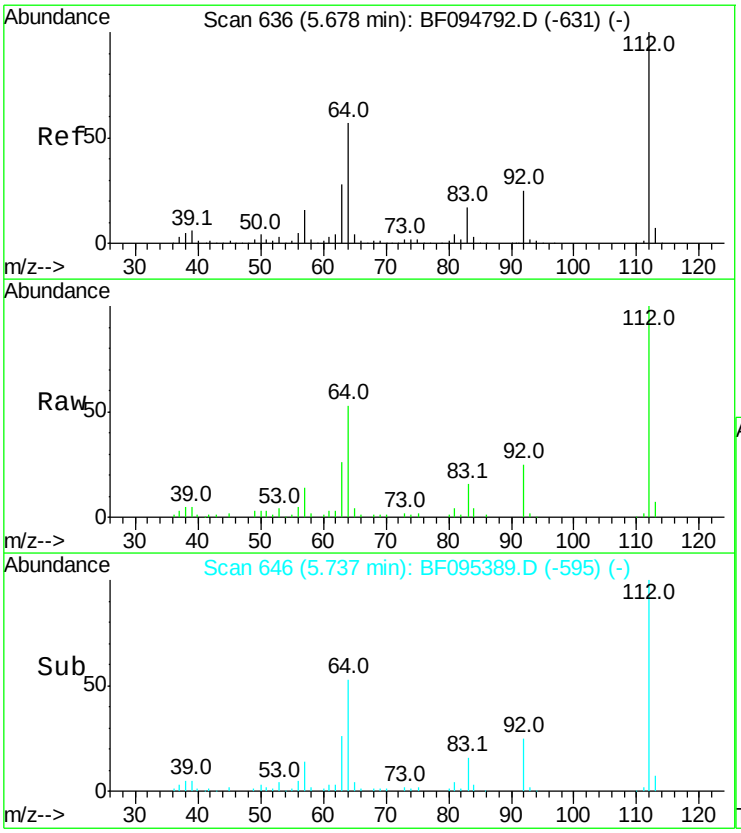
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88039

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	56.6	52.2	78.2

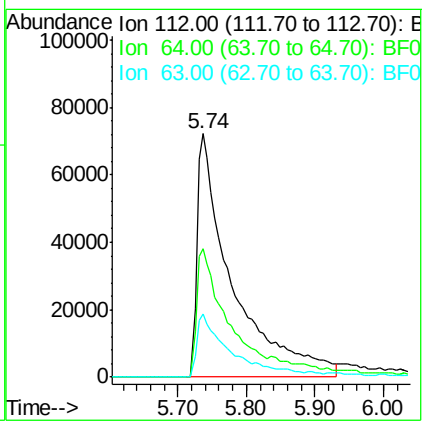


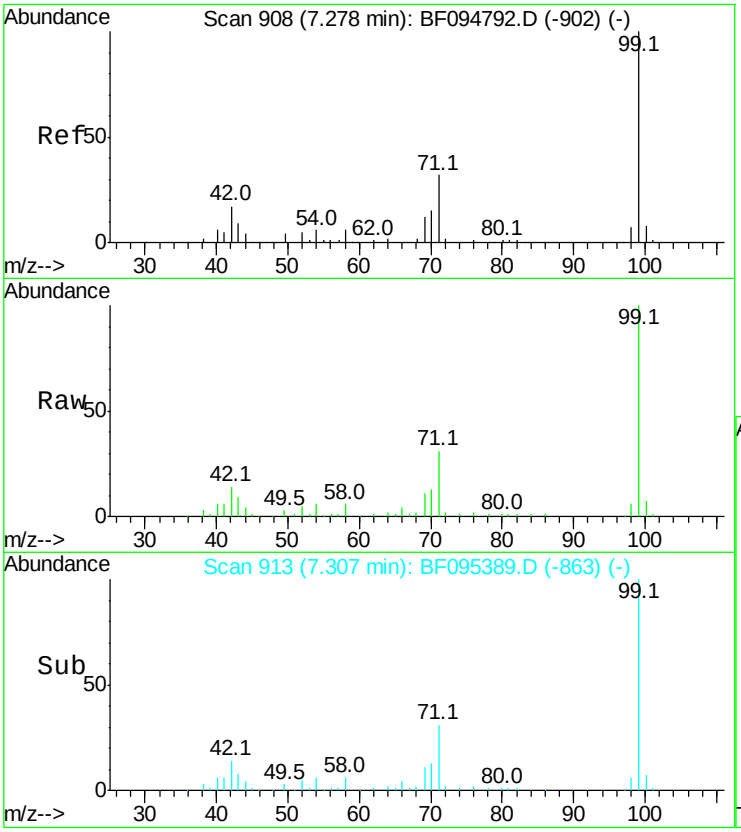


#5
2-Fluorophenol
Concen: 48.82 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:112 Resp: 257782

Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	25.8	23.4	35.0



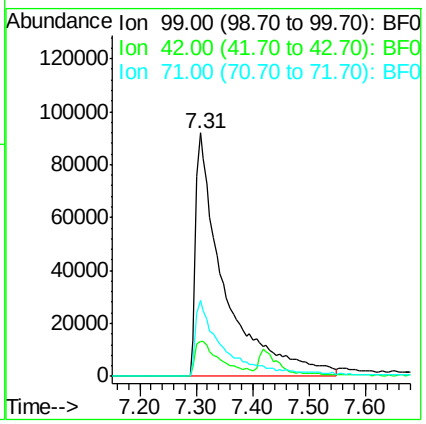


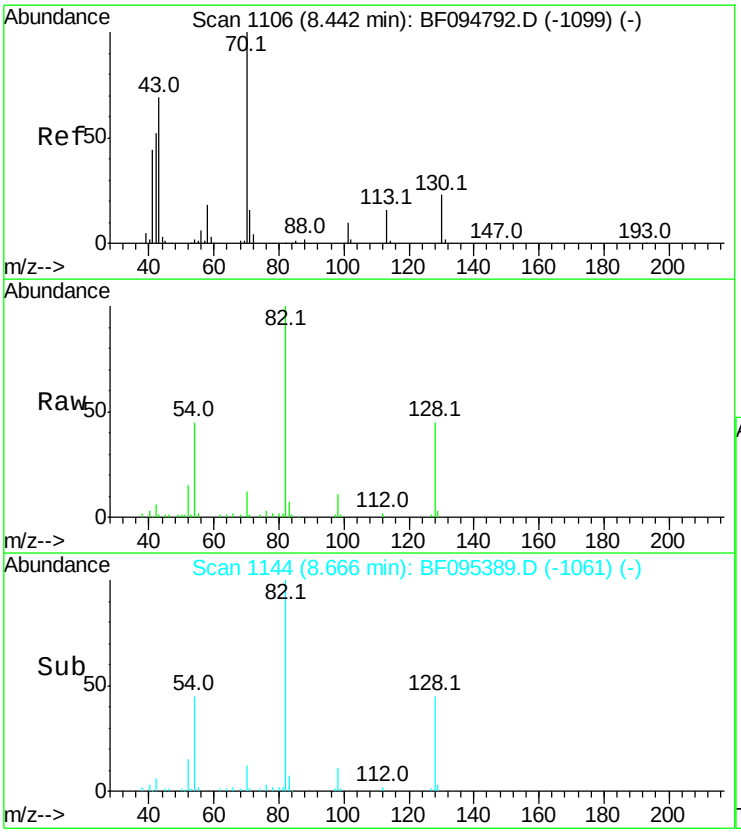
#7
Phenol-d6
Concen: 51.41 ng
RT: 7.31 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 325725

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	31.3	24.5	36.7

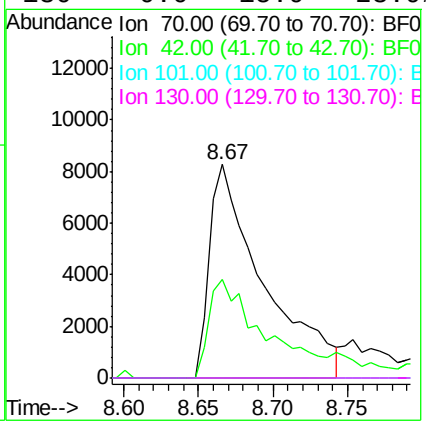


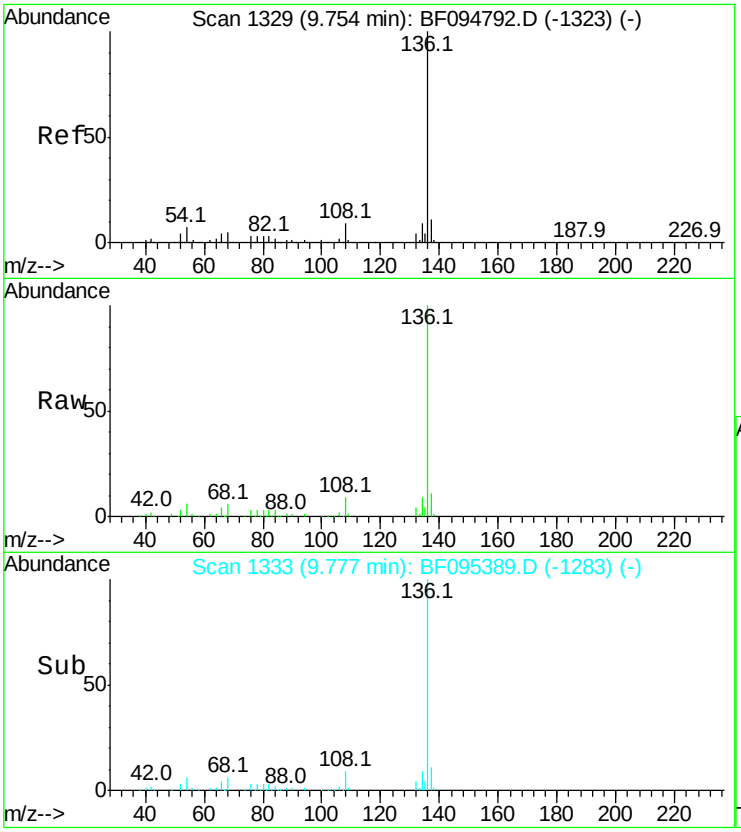


#19
n-Nitroso-di-n-propylamine
Concen: 4.86 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.19 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion: 70 Resp: 20838

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



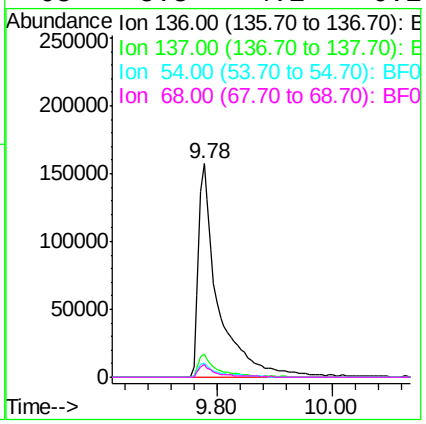


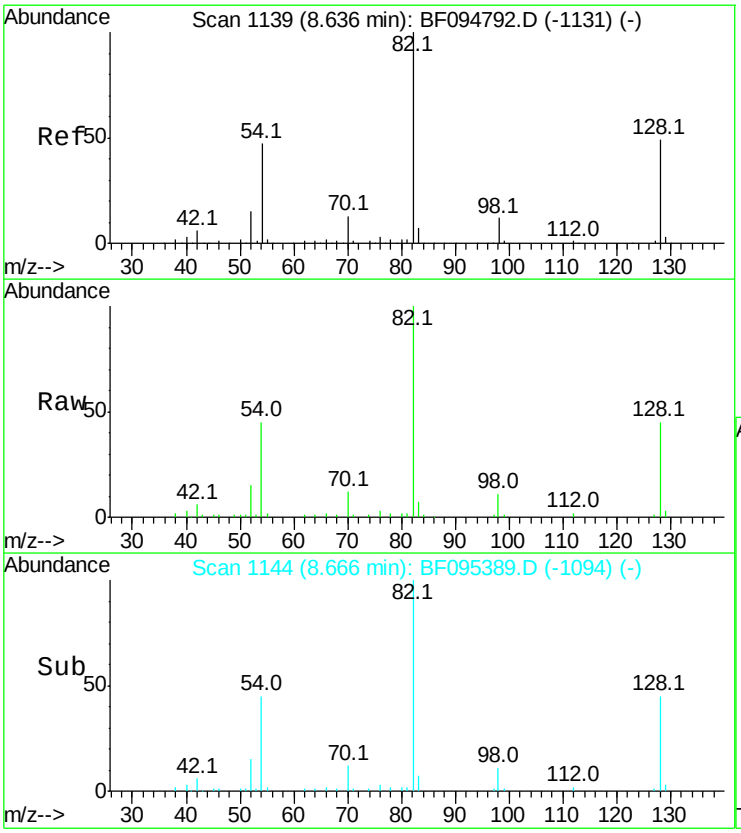
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 378585

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	4.9	7.3
68	5.8	4.1	6.1

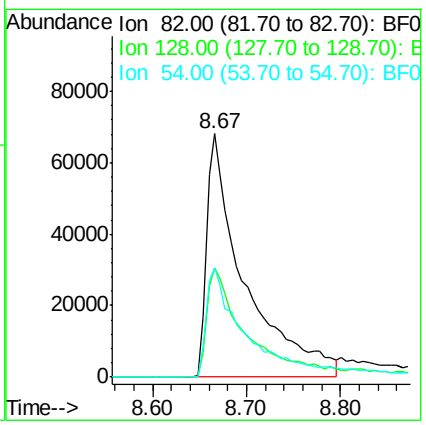


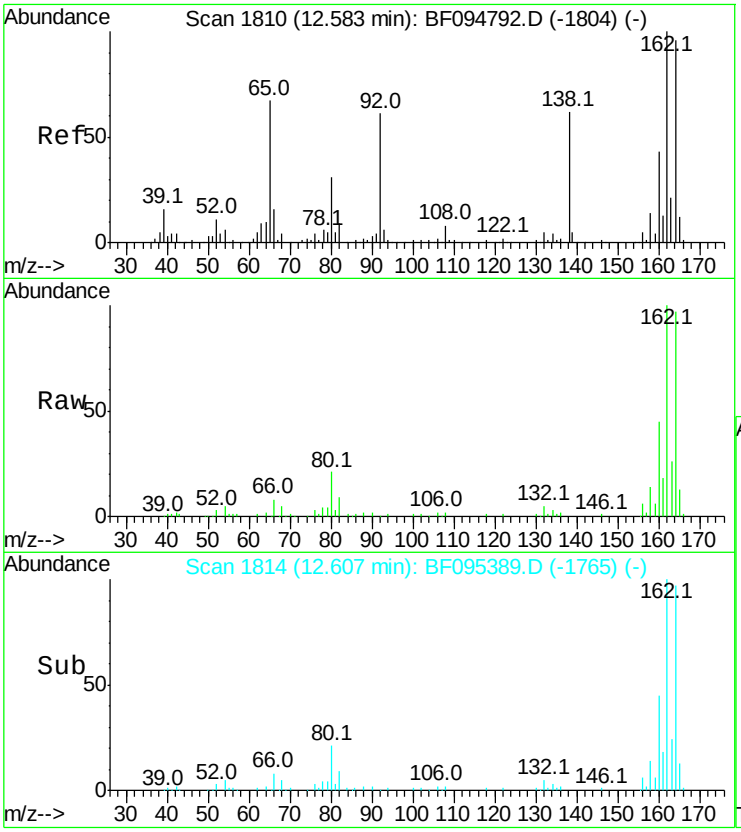


#23
Nitrobenzene-d5
Concen: 31.67 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion: 82 Resp: 190145

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	44.7	42.2	63.2



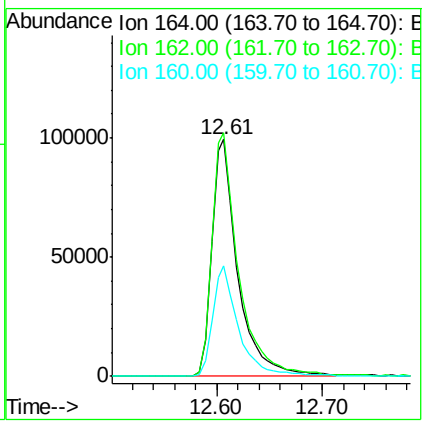


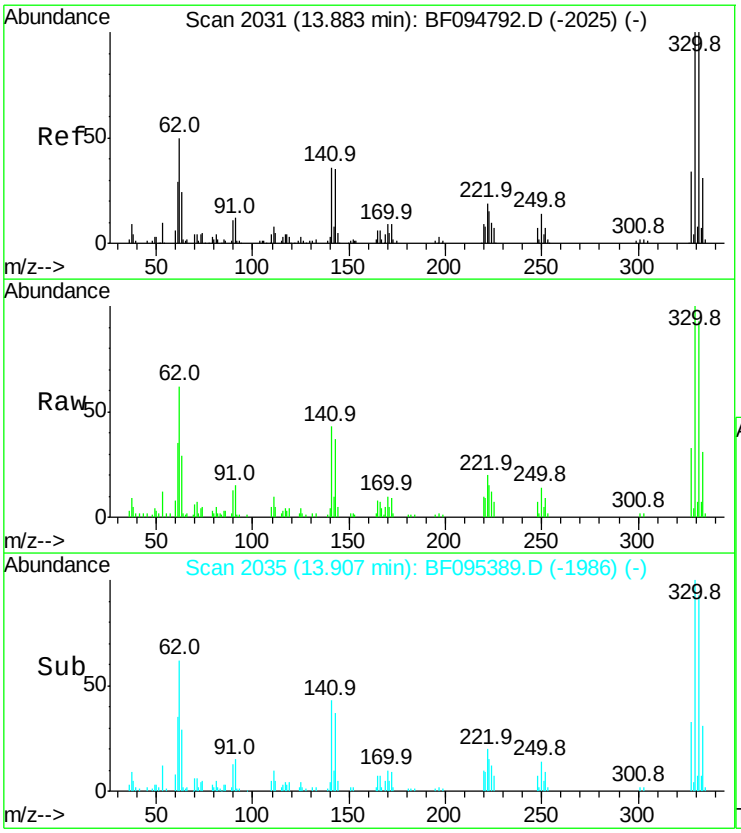
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171413

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.5	36.2	54.2

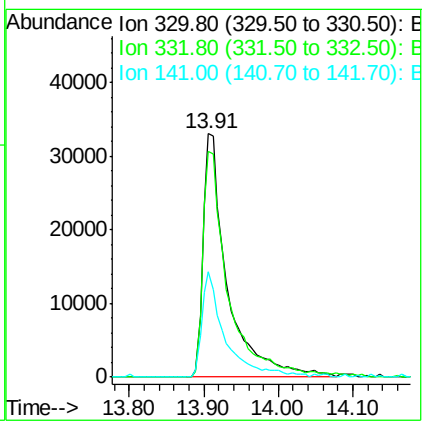


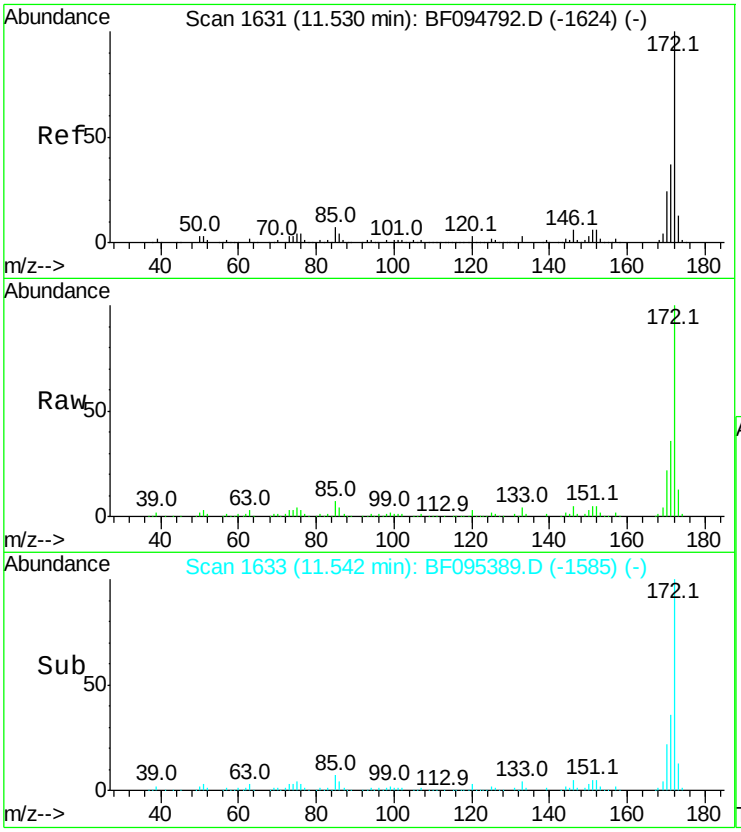


#41
2,4,6-Tribromophenol
Concen: 53.47 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:330 Resp: 75058

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	40.5	31.4	47.2



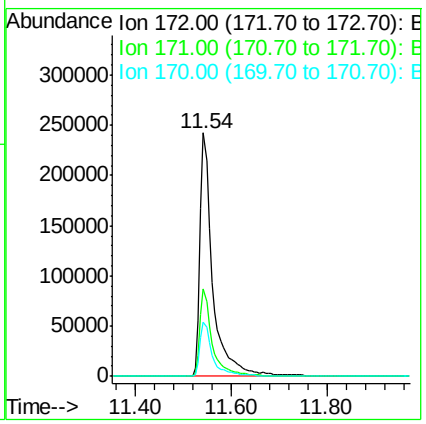


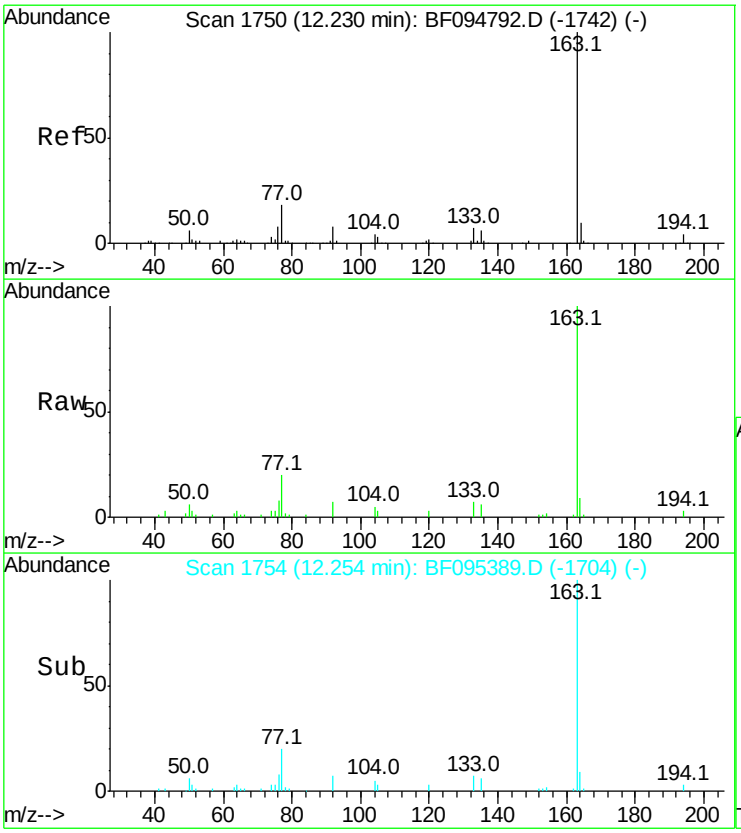
#44
2-Fluorobiphenyl
Concen: 37.73 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 449347

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	22.1	19.8	29.8

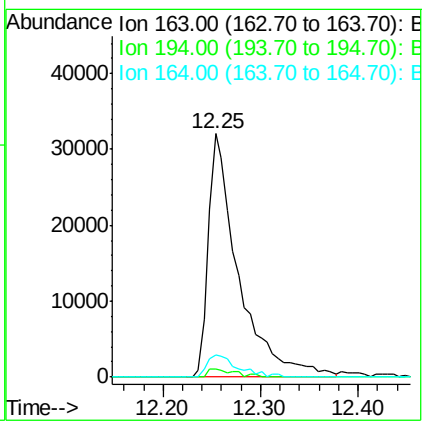


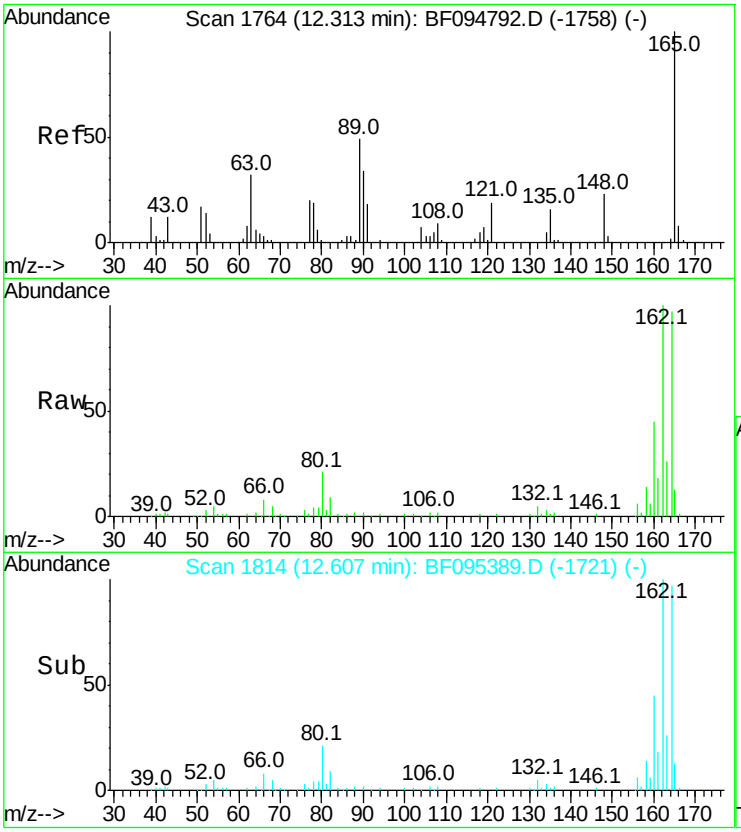


#49
Dimethylphthalate
Concen: 4.89 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:163 Resp: 68746

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.0	8.4	12.6



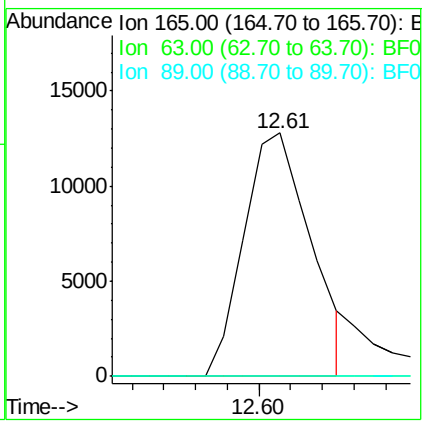


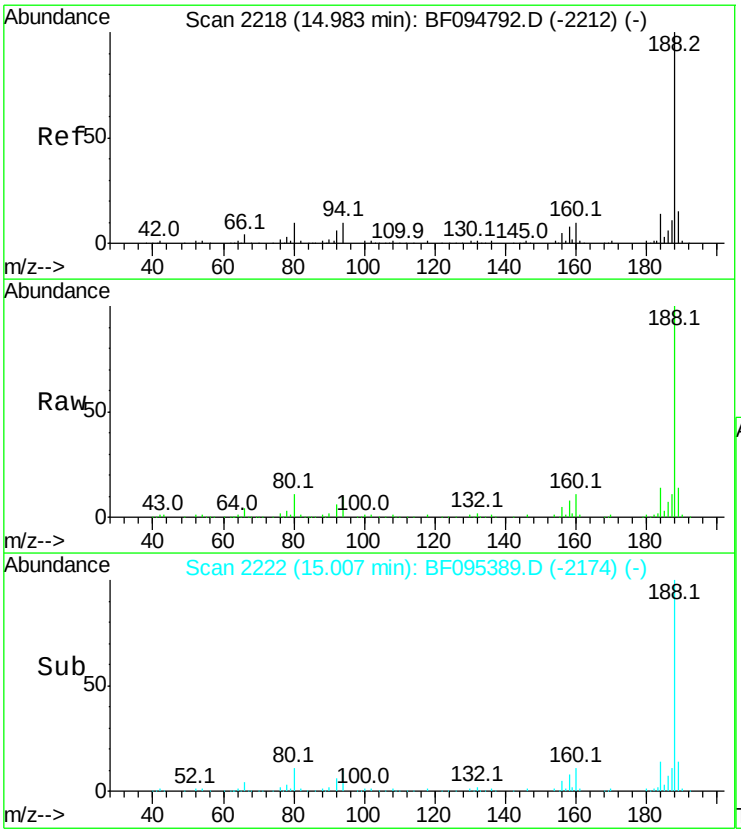
#50
2,6-Dinitrotoluene
Concen: 6.52 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.25 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18718

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

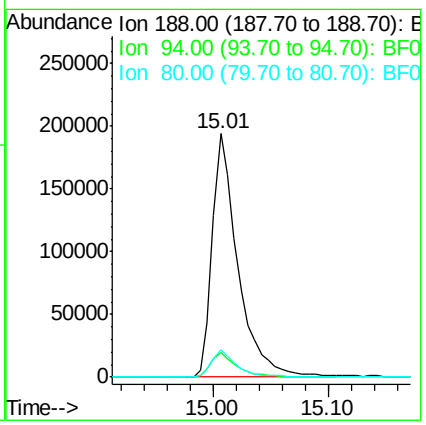


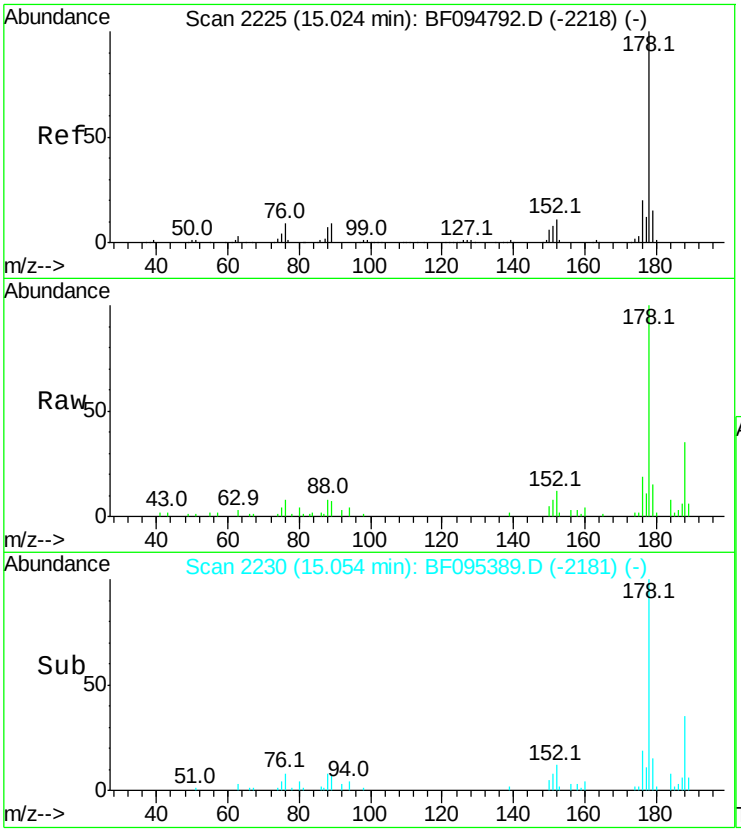


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:188 Resp: 299715

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.2	10.2	15.2



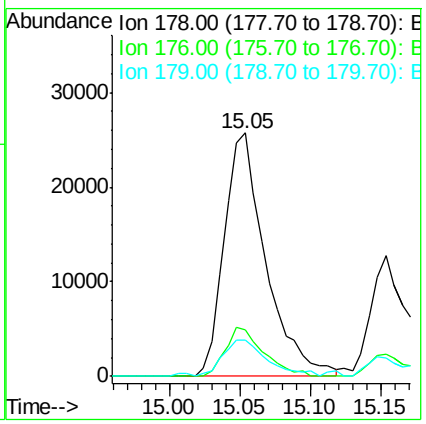


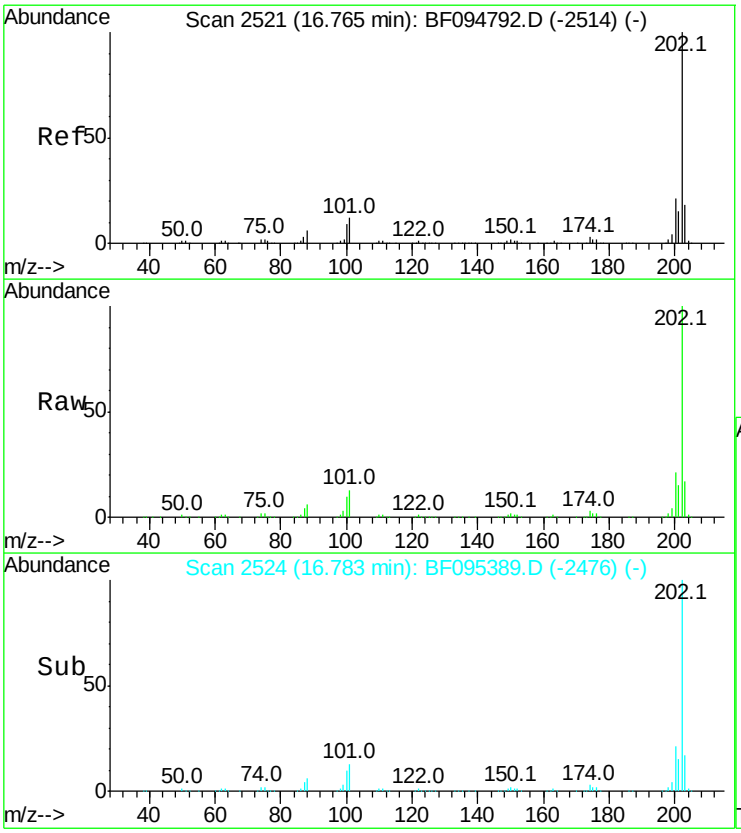
#70
Phenanthrene
Concen: 3.07 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52893

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.7	12.6	19.0

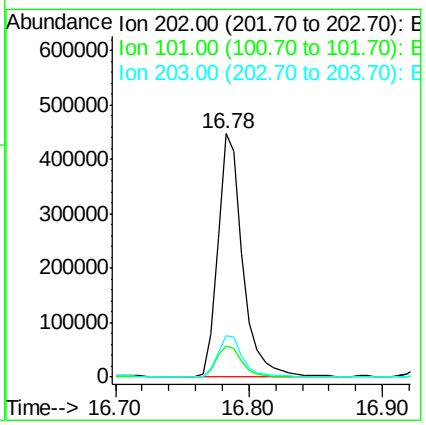


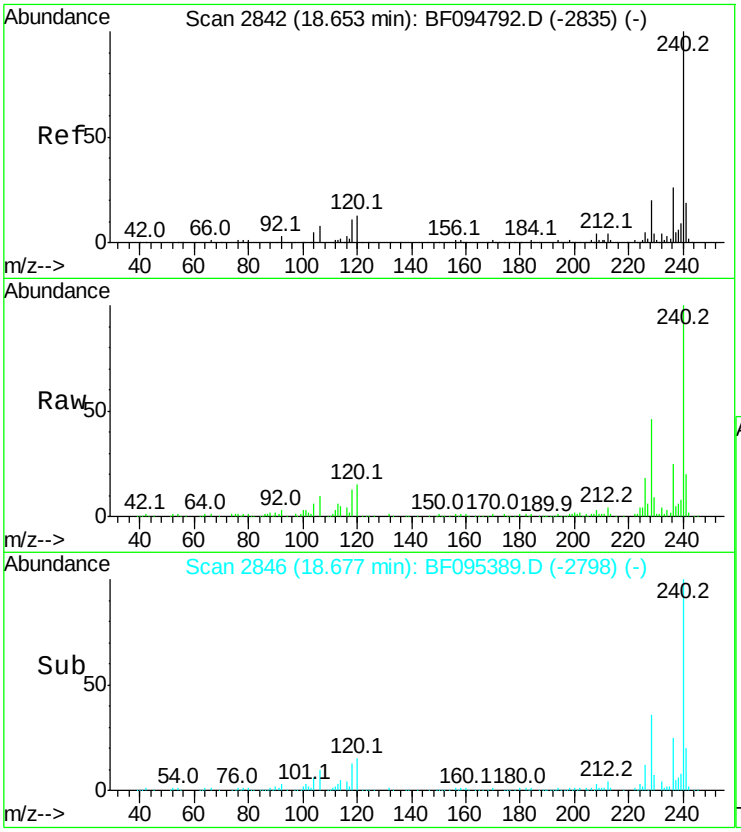


#74
Fluoranthene
Concen: 33.17 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:202 Resp: 585976

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.0	0.0	38.1



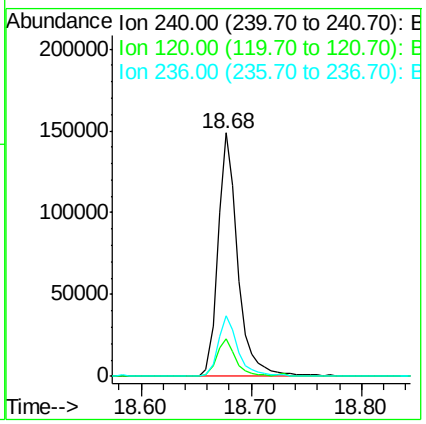


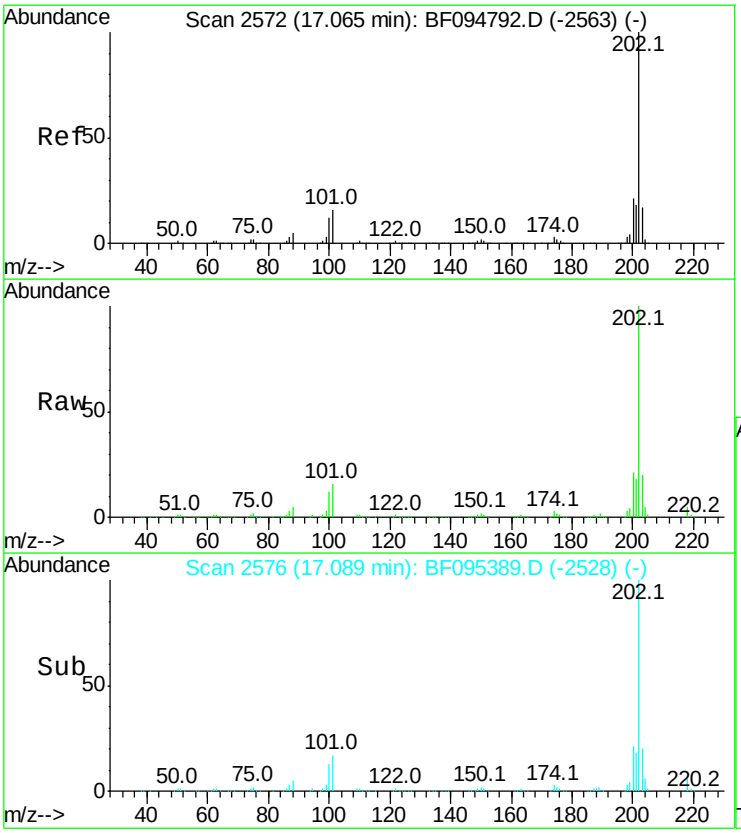
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 185755

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	24.9	20.5	30.7

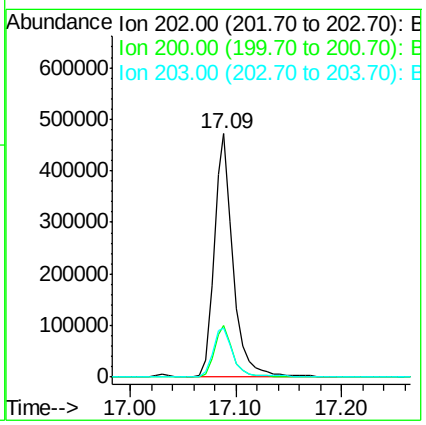


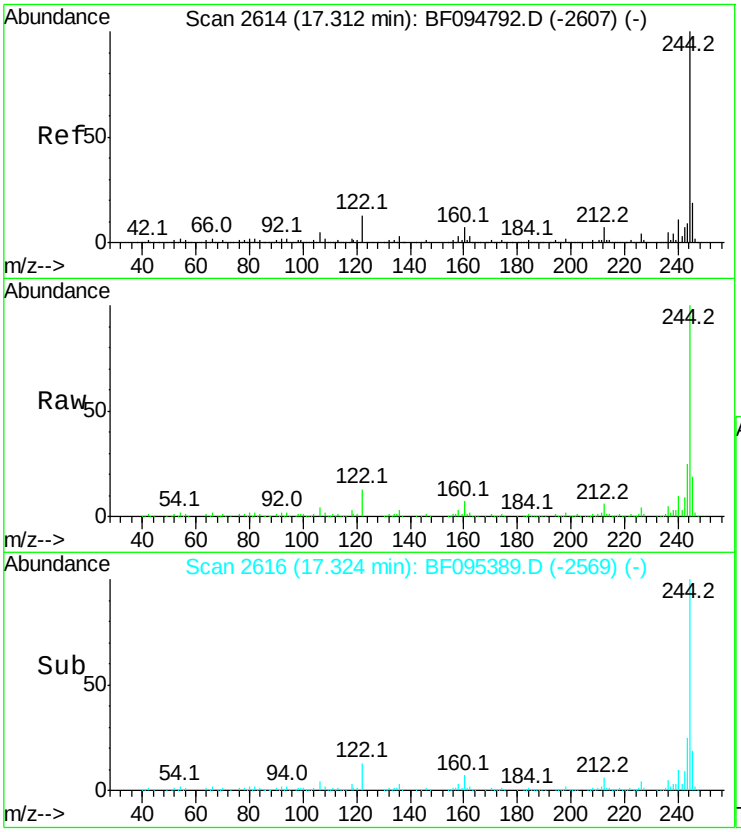


#77
Pyrene
Concen: 42.06 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:202 Resp: 584366

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.0	14.4	21.6



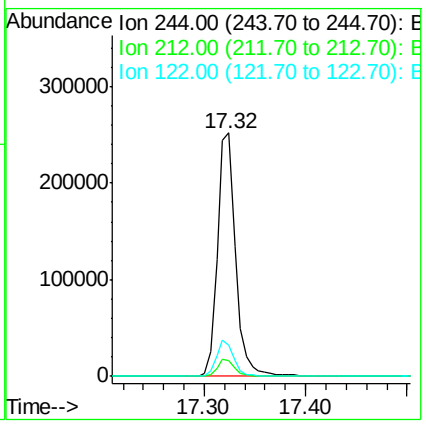


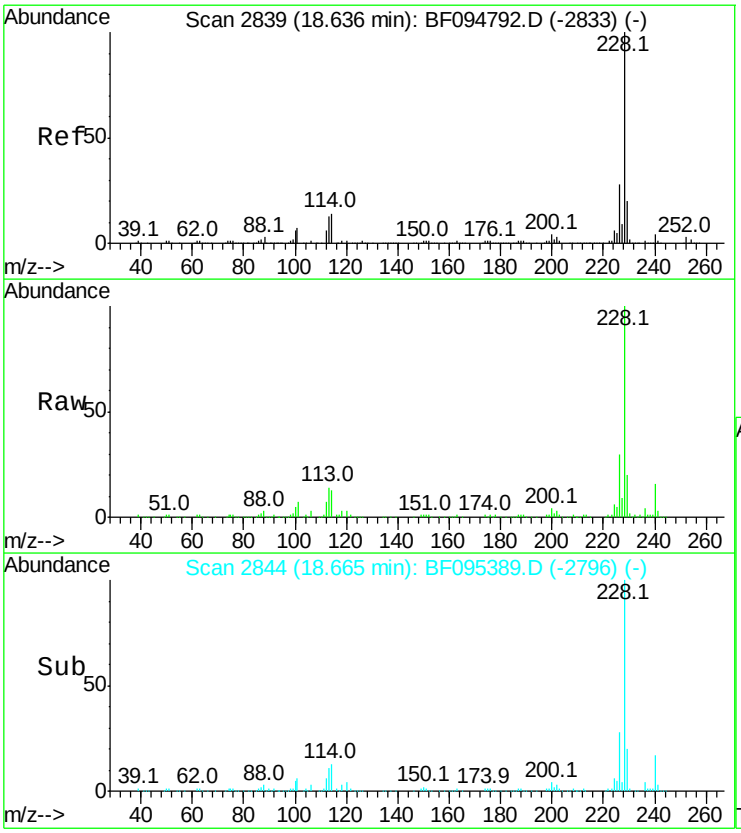
#78
Terphenyl-d14
Concen: 37.03 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 312286

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	12.6	10.3	15.5

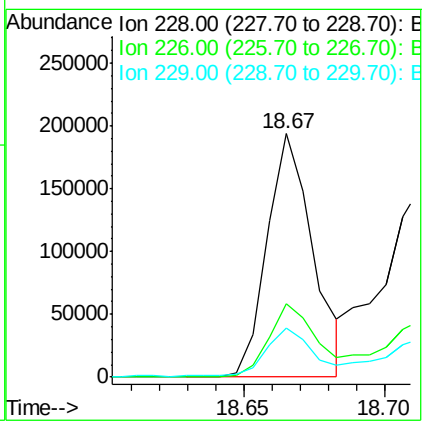


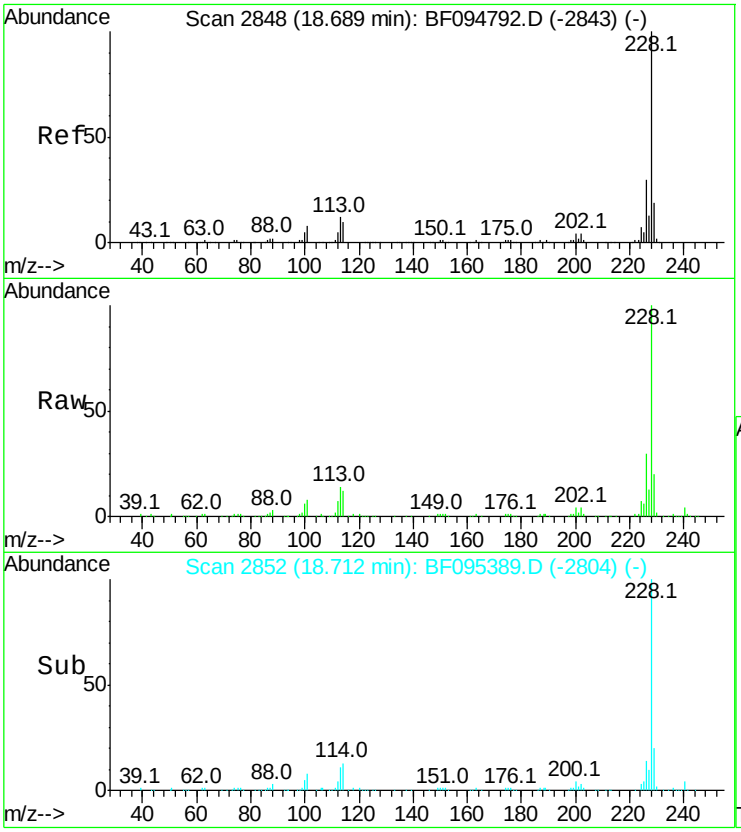


#80
Benzo(a)anthracene
Concen: 20.16 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:228 Resp: 217958

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.1	16.3	24.5



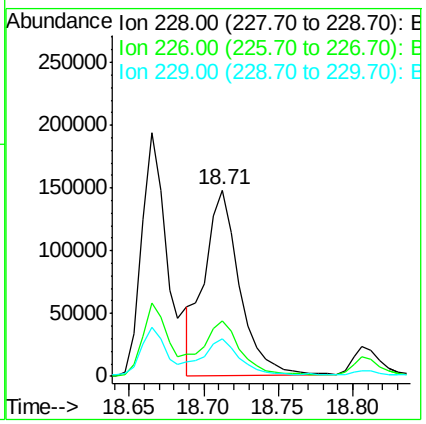


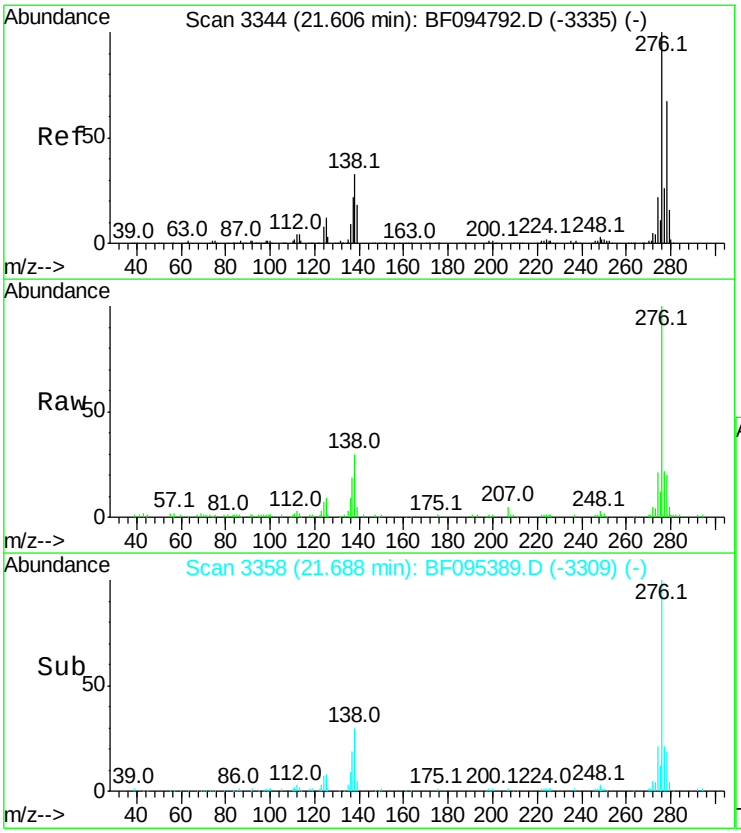
#82
Chrysene
Concen: 23.33 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 243842

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.5	15.8	23.6

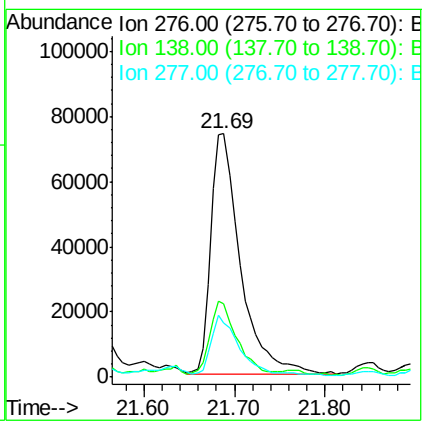


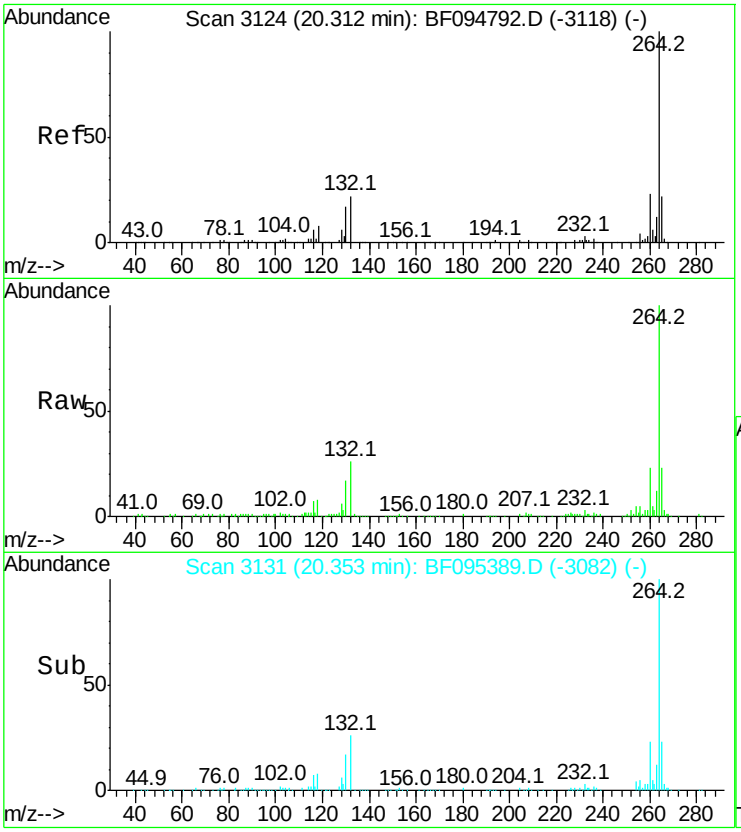


#85
Indeno(1,2,3-cd)pyrene
Concen: 19.63 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:276 Resp: 166674

Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.8	41.6#
277	23.3	20.2	30.4



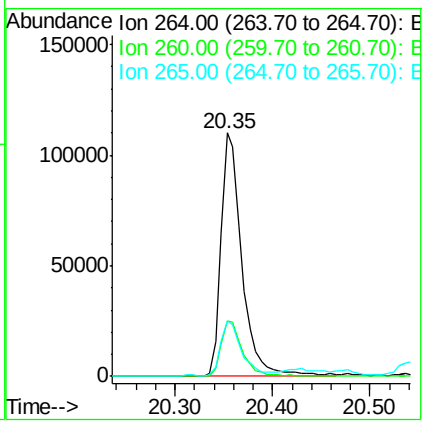


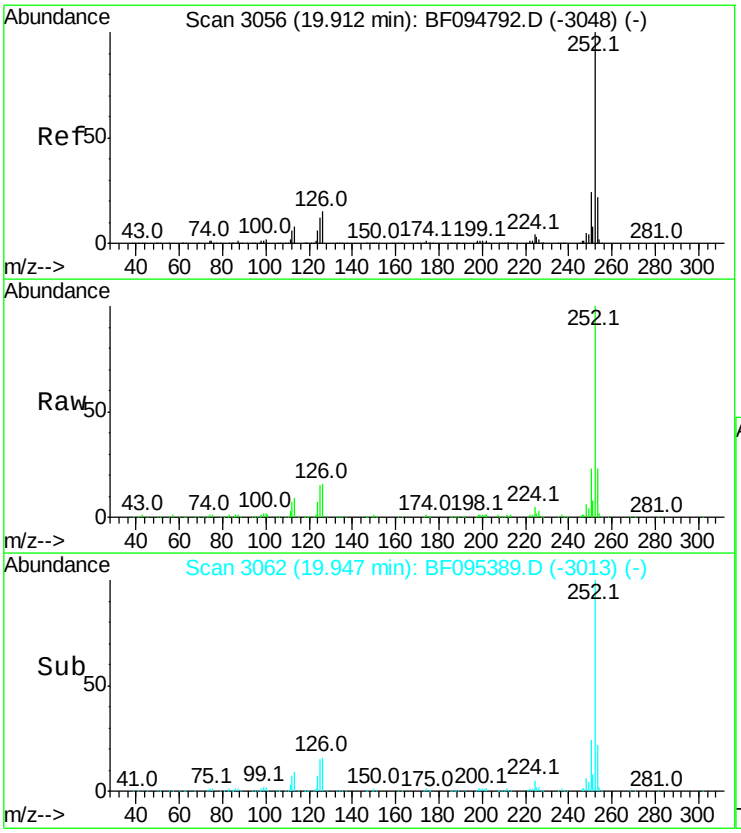
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 164040

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.9	17.2	25.8

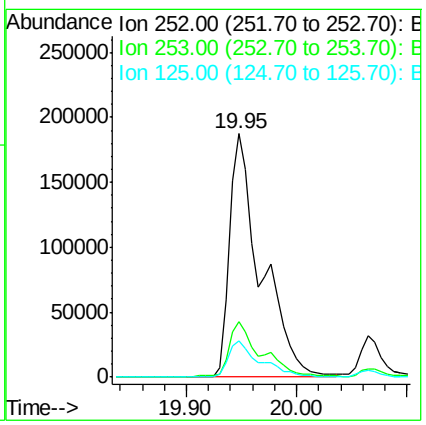


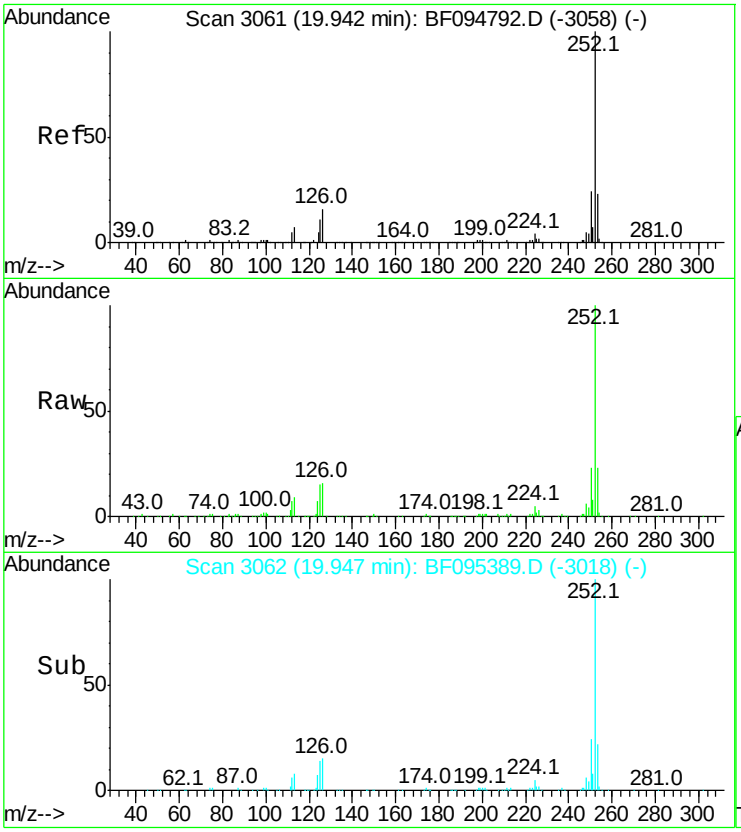


#87
Benzo(b)fluoranthene
Concen: 37.09 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:252 Resp: 375952

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.7	9.8	14.8



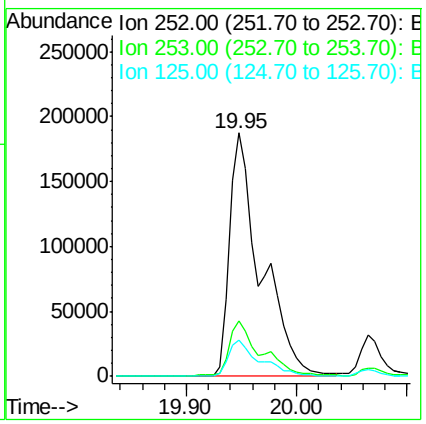


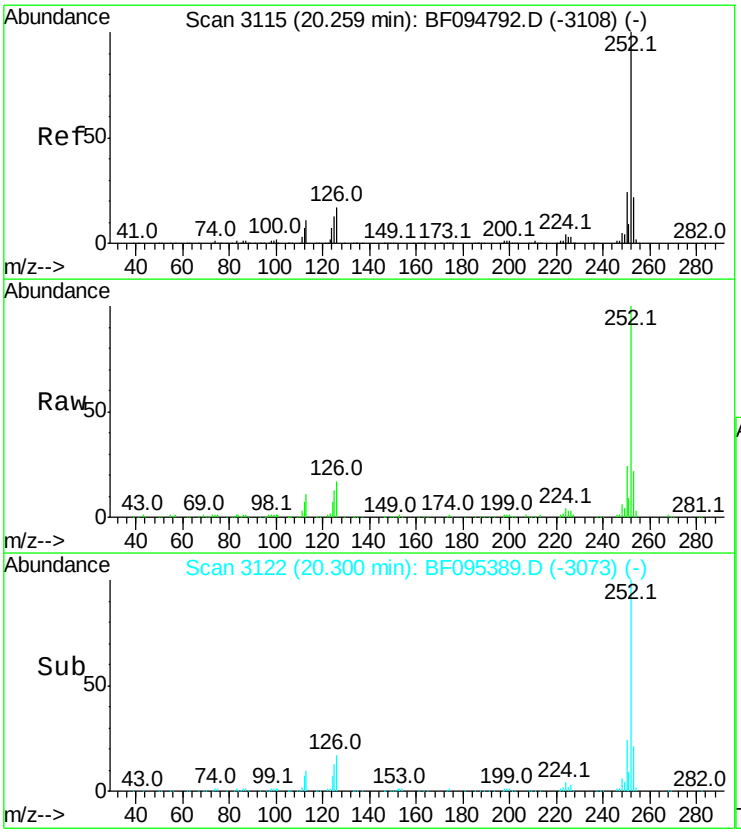
#88
Benzo(k)fluoranthene
Concen: 38.45 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.04 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 375952

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	14.7	13.1	19.7

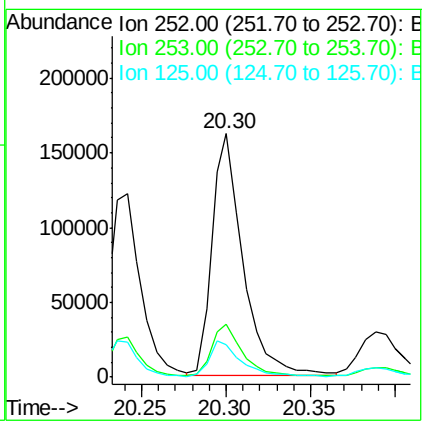


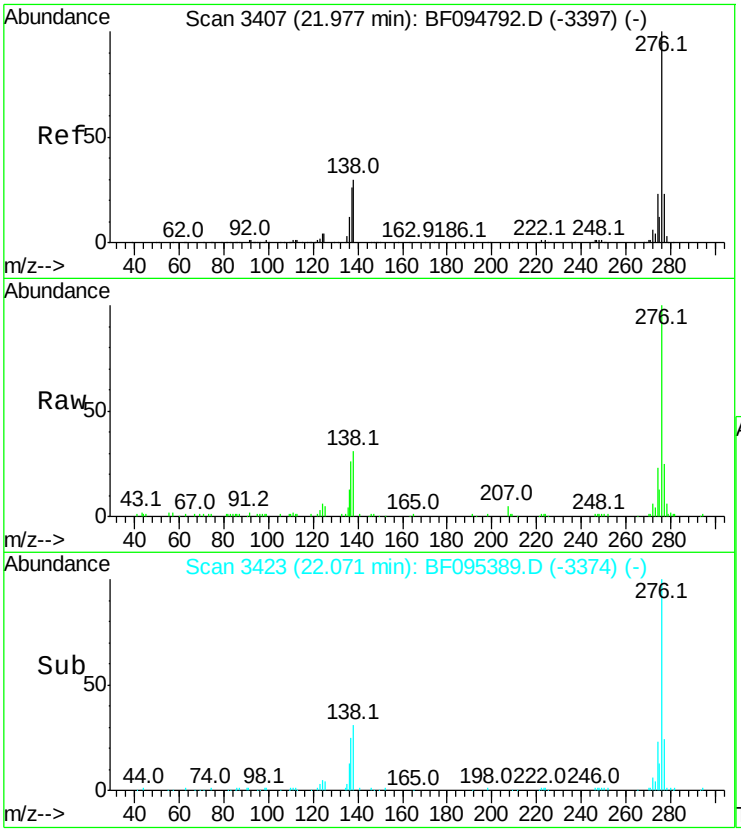


#89
Benzo(a)pyrene
Concen: 22.02 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Tgt Ion:252 Resp: 205913

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 22.84 ng
RT: 22.07 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BF095389.D
Acq: 24 May 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 173110

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	31.4	25.4	38.0