Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095985.D
Acq On : 17 Jun 2017 8:12
Operator : SJ/MA
Sample : I3688-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 19 01:07:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	69266	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	280486	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	124067	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	194713	20.00	ng	0.00
75) Chrysene-d12	18.29	240	144011	20.00	ng	-0.01
86) Perylene-d12	19.96	264	134481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	273489	62.92	ng	0.00
7) Phenol-d6	6.89	99	360143	69.21	ng	-0.02
23) Nitrobenzene-d5	8.24	82	209207	46.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	60862	55.44	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	425037	47.67	ng	-0.01
78) Terphenyl-d14	16.94	244	242904	41.86	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.24	70	24858	7.54	ng	# 80
49) Dimethylphthalate	11.83	163	33100	3.51	ng	100
50) 2,6-Dinitrotoluene	12.17	165	15630	7.61	ng	# 31
55) 4-Nitrophenol	12.55	139	1019	5.31	ng	# 25
74) Fluoranthene	16.40	202	25964	2.33	ng	96
77) Pyrene	16.70	202	26794	2.49	ng	96
80) Benzo(a)anthracene	18.33	228	22944	2.74	ng	95
82) Chrysene	18.33	228	22944	2.74	ng	97
87) Benzo(b)fluoranthene	19.56	252	31063	3.69	ng	# 93
88) Benzo(k)fluoranthene	19.56	252	31063	3.86	ng	96
89) Benzo(a)pyrene	19.91	252	15550	2.01	ng	# 93

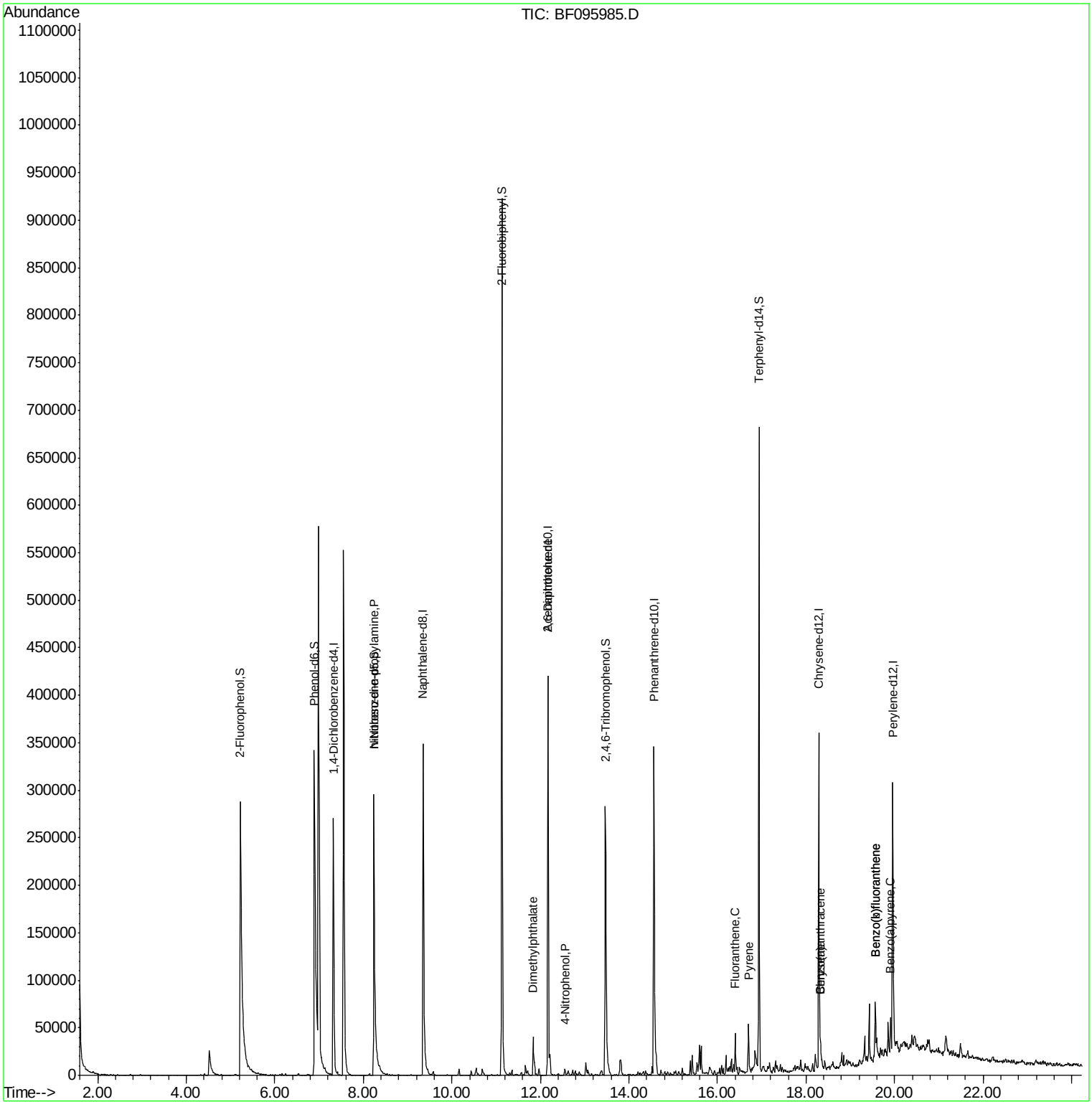
(#) = qualifier out of range (m) = manual integration (+) = signals summed

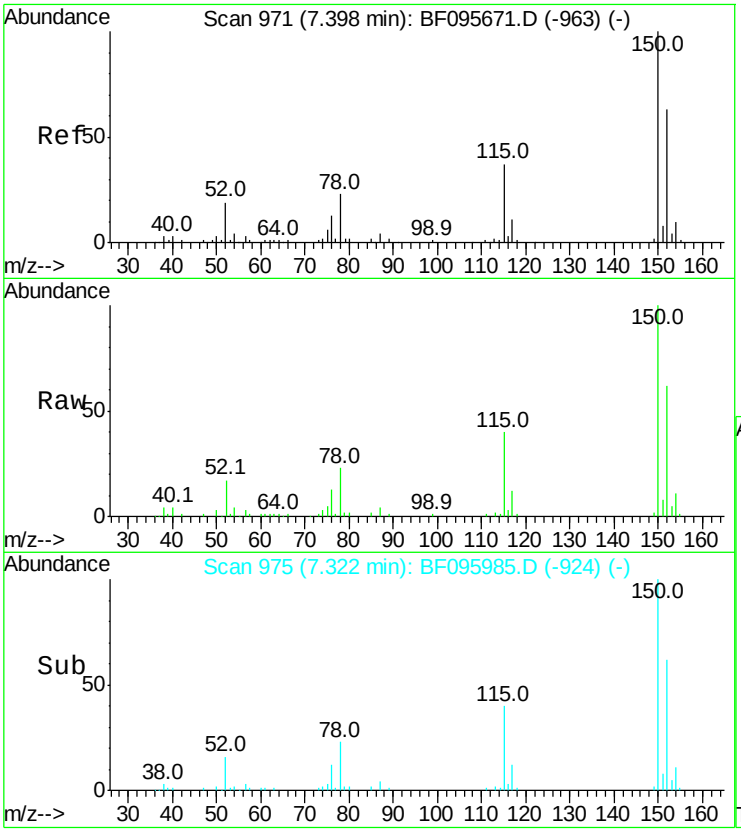
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095985.D
Acq On : 17 Jun 2017 8:12
Operator : SJ/MA
Sample : I3688-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 19 01:07:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration



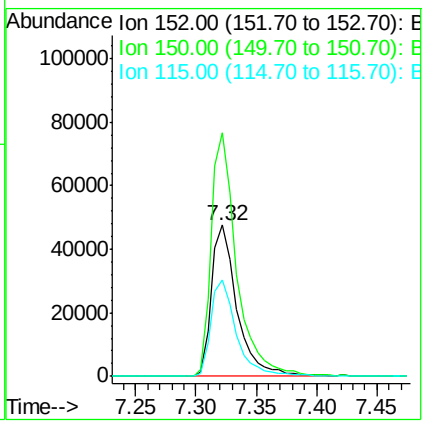


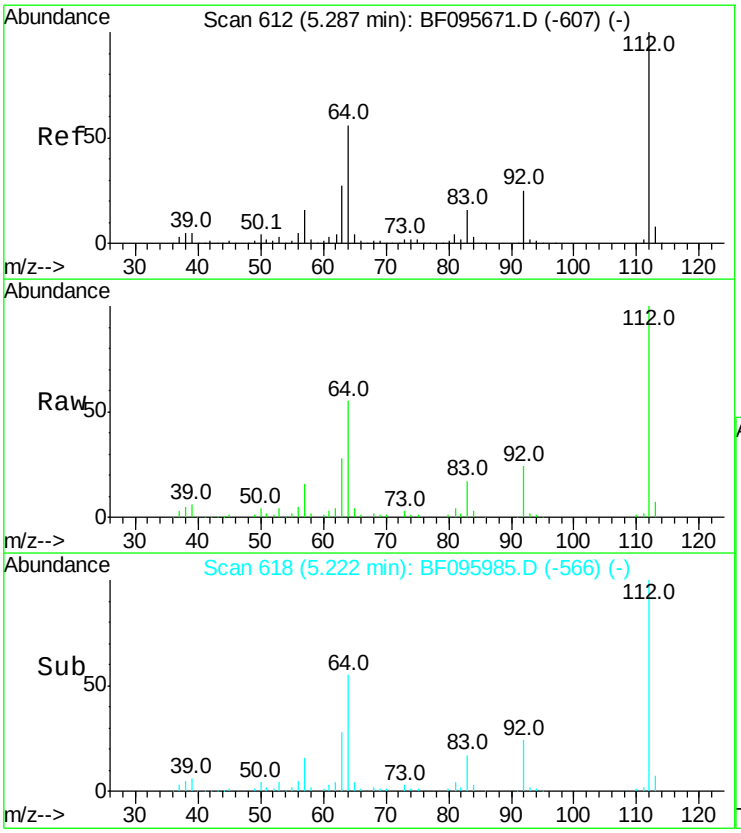
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69266

Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.2	189.2
115	63.8	52.2	78.2

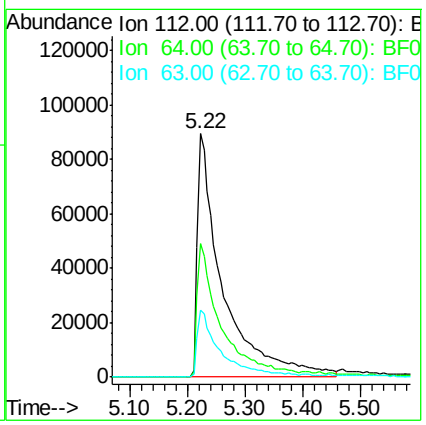


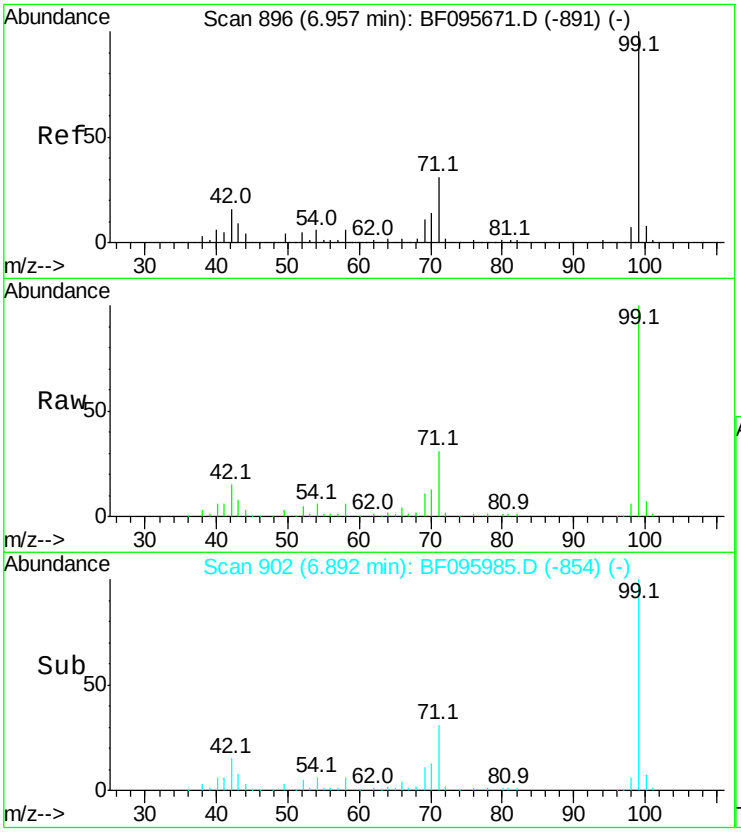


#5
2-Fluorophenol
Concen: 62.92 ng
RT: 5.22 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:112 Resp: 273489

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.6	23.4	35.0



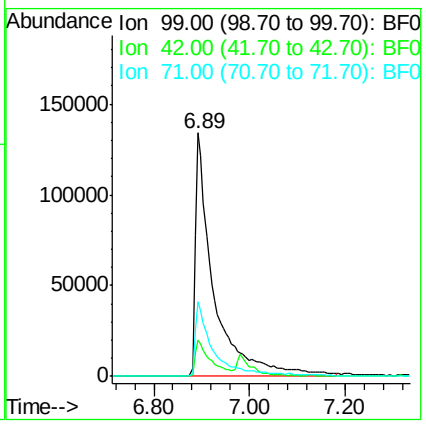


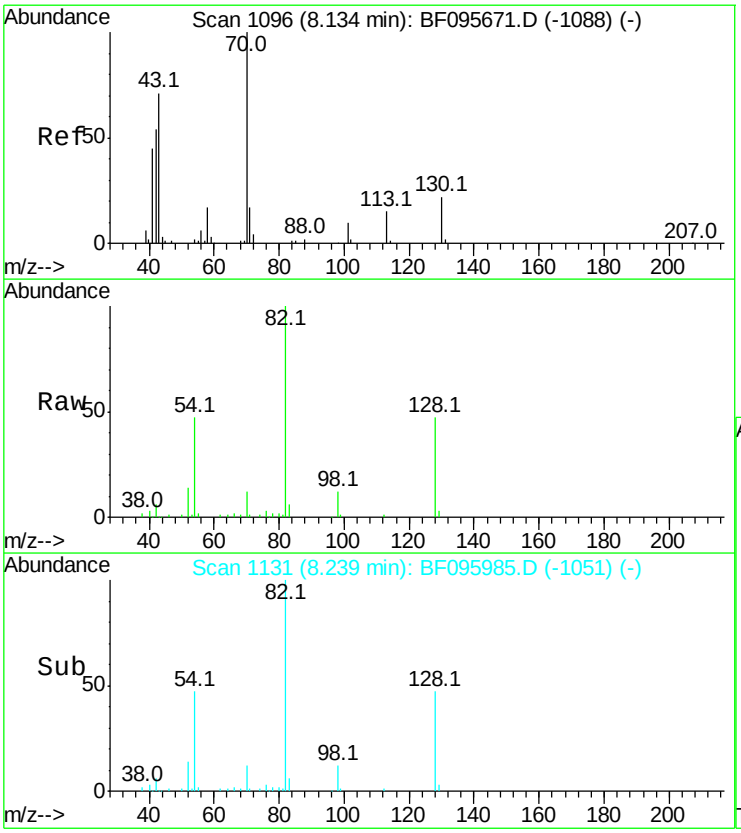
#7
Phenol-d6
Concen: 69.21 ng
RT: 6.89 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 360143

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	30.6	24.5	36.7

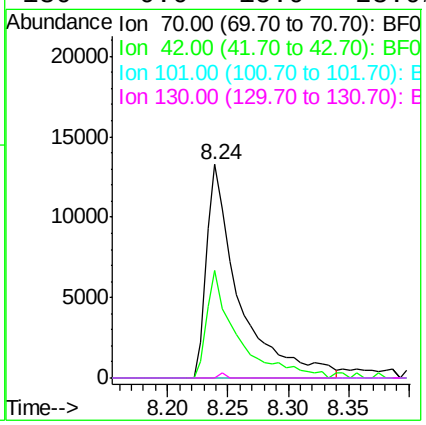


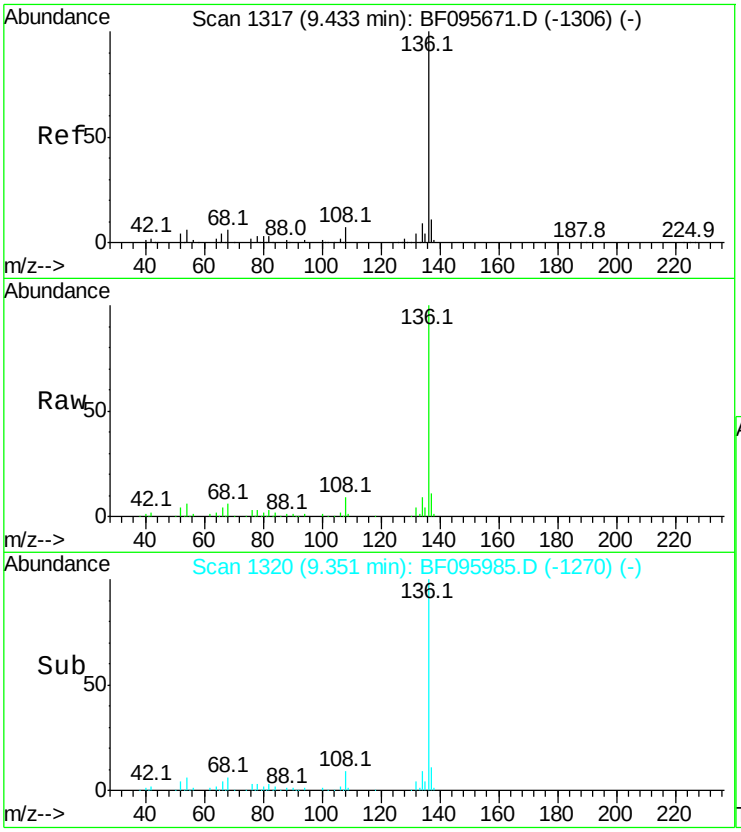


#19
n-Nitroso-di-n-propylamine
Concen: 7.54 ng
RT: 8.24 min Scan# 1131
Delta R.T. 0.17 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion: 70 Resp: 24858

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



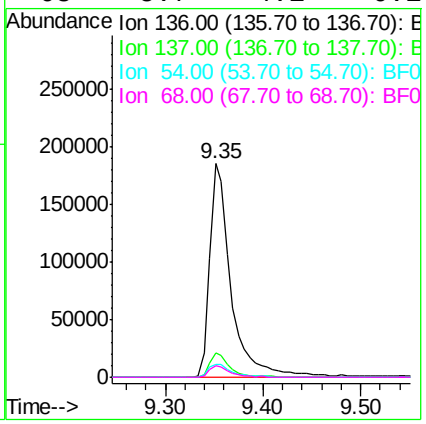


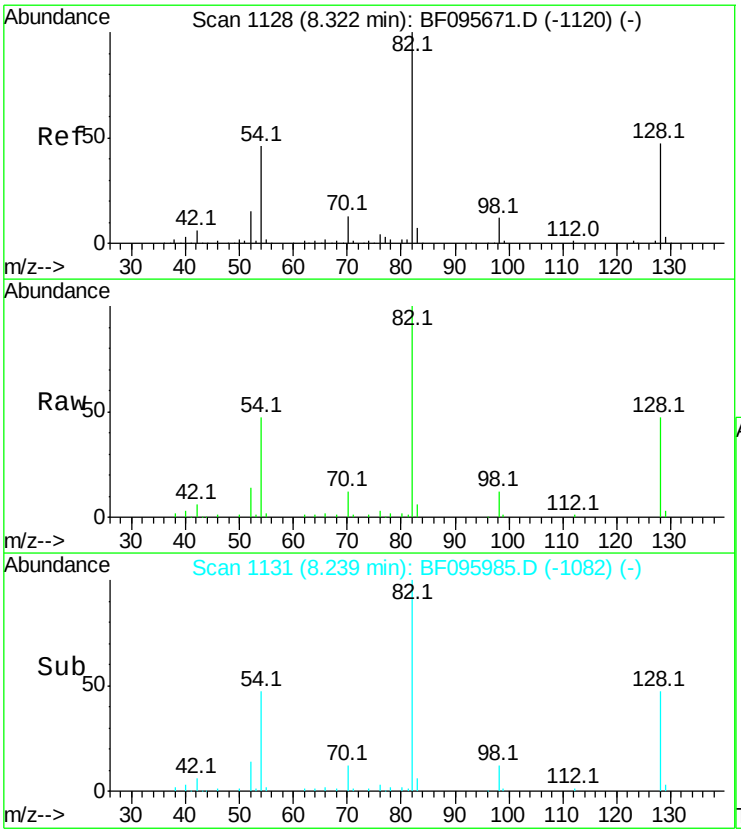
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 280486

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.3	4.9	7.3
68	5.7	4.1	6.1

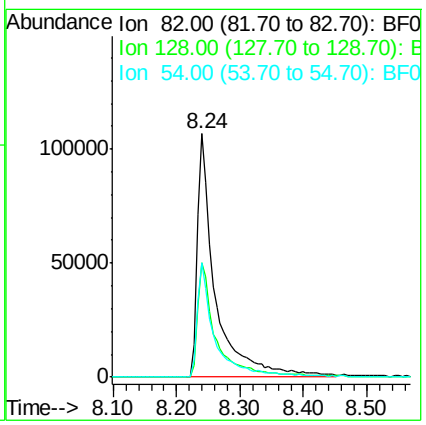


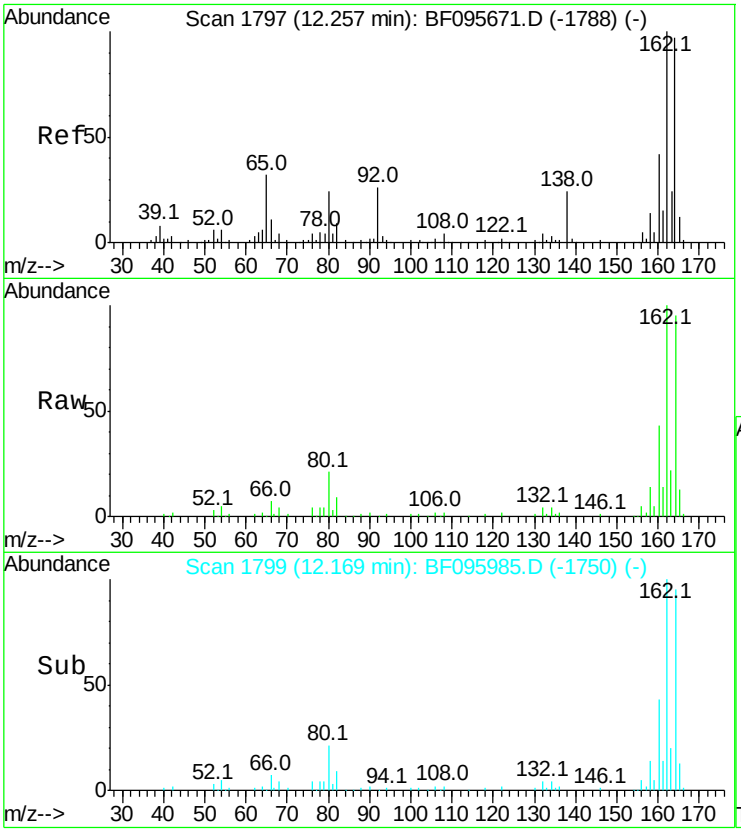


#23
Nitrobenzene-d5
Concen: 46.32 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion: 82 Resp: 209207

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	47.1	42.2	63.2



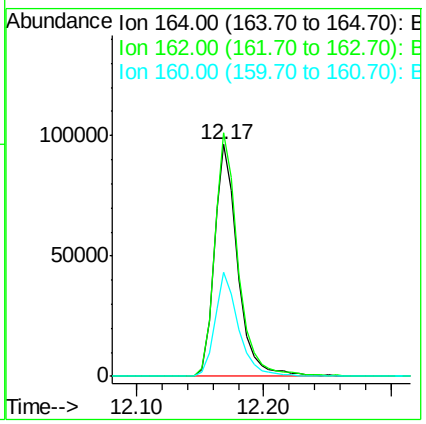


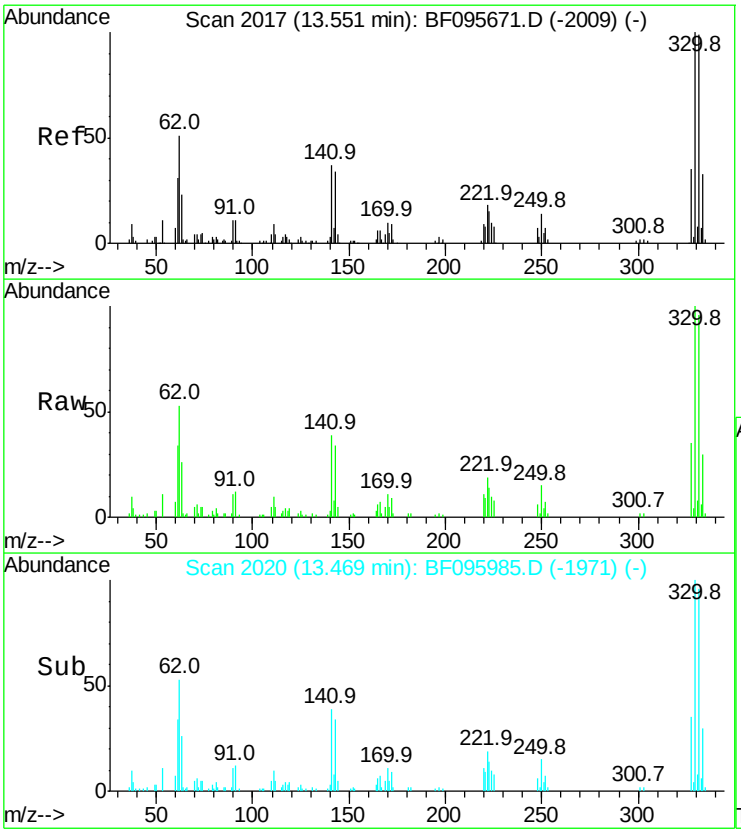
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124067

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	44.8	36.2	54.2

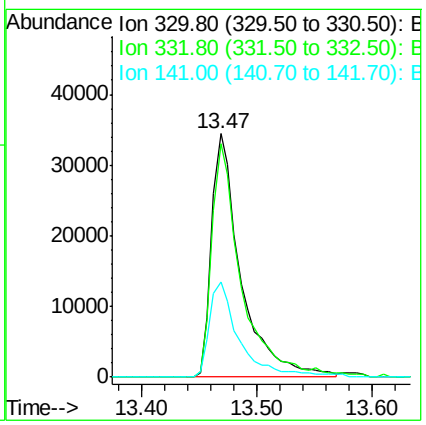


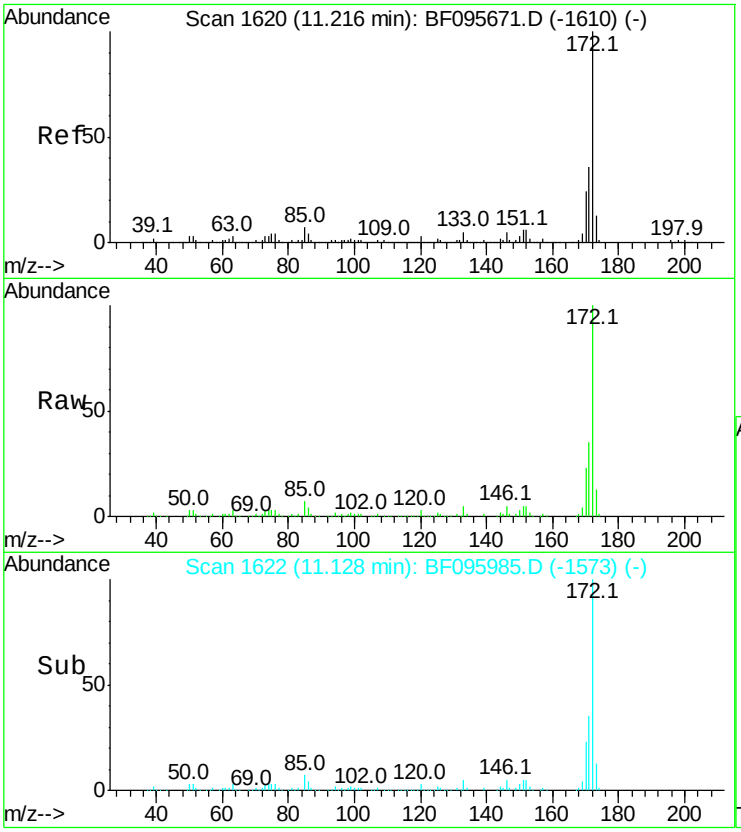


#41
2,4,6-Tribromophenol
Concen: 55.44 ng
RT: 13.47 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:330 Resp: 60862

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.0	31.4	47.2



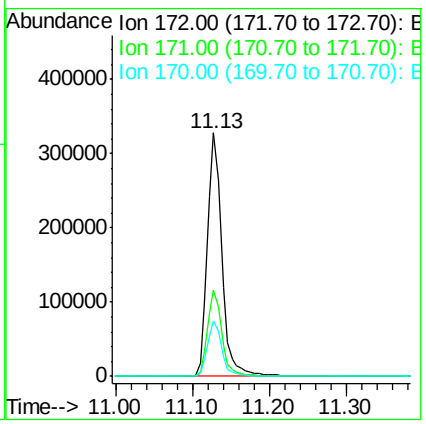


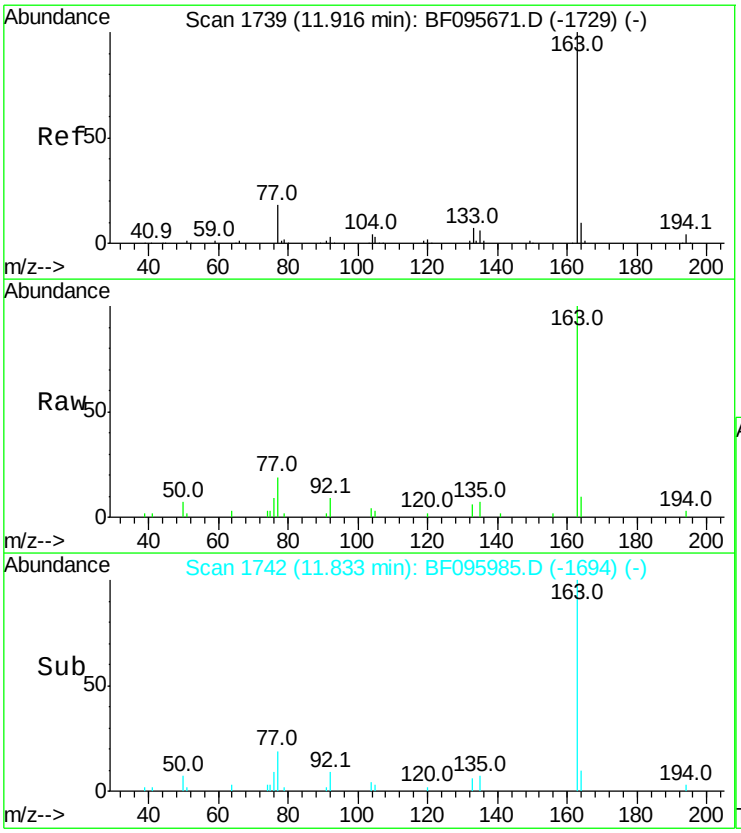
#44
2-Fluorobiphenyl
Concen: 47.67 ng
RT: 11.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 425037

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.6	19.8	29.8

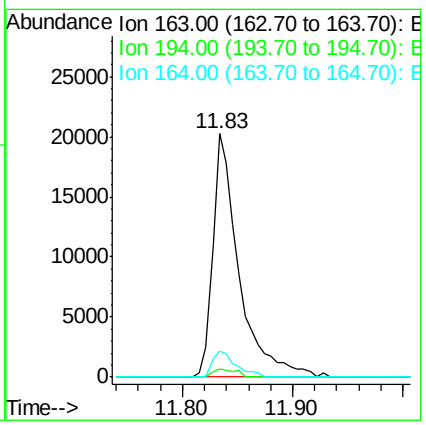


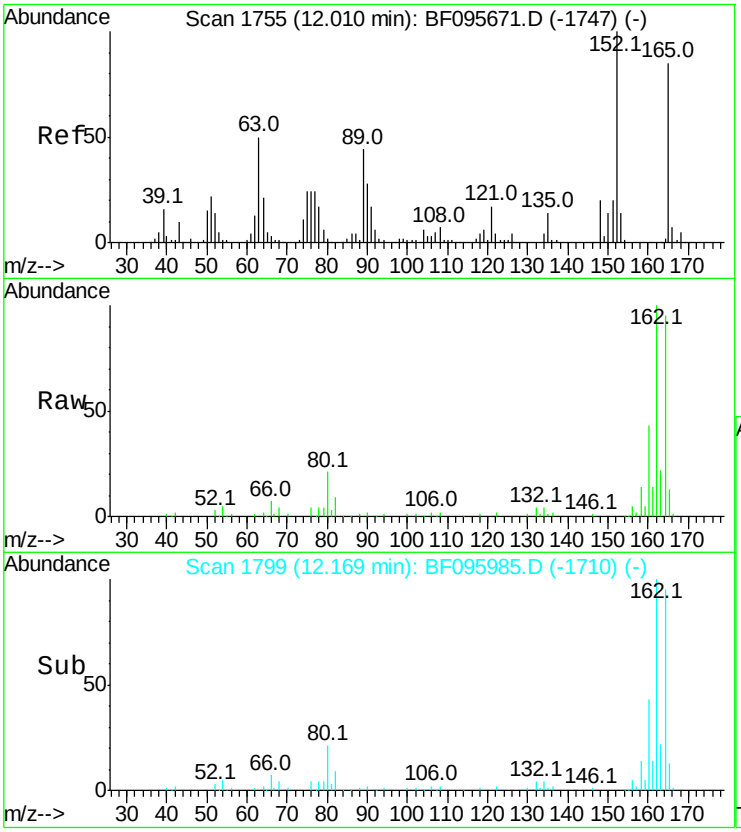


#49
Dimethylphthalate
Concen: 3.51 ng
RT: 11.83 min Scan# 1742
Delta R.T. -0.02 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:163 Resp: 33100

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6



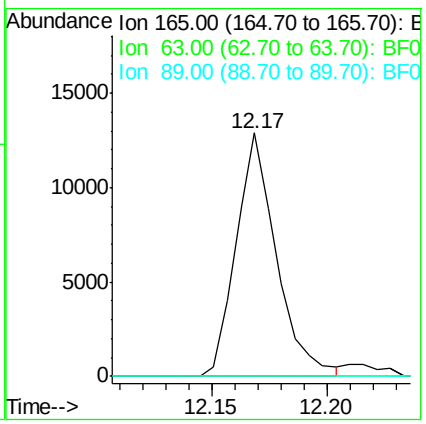


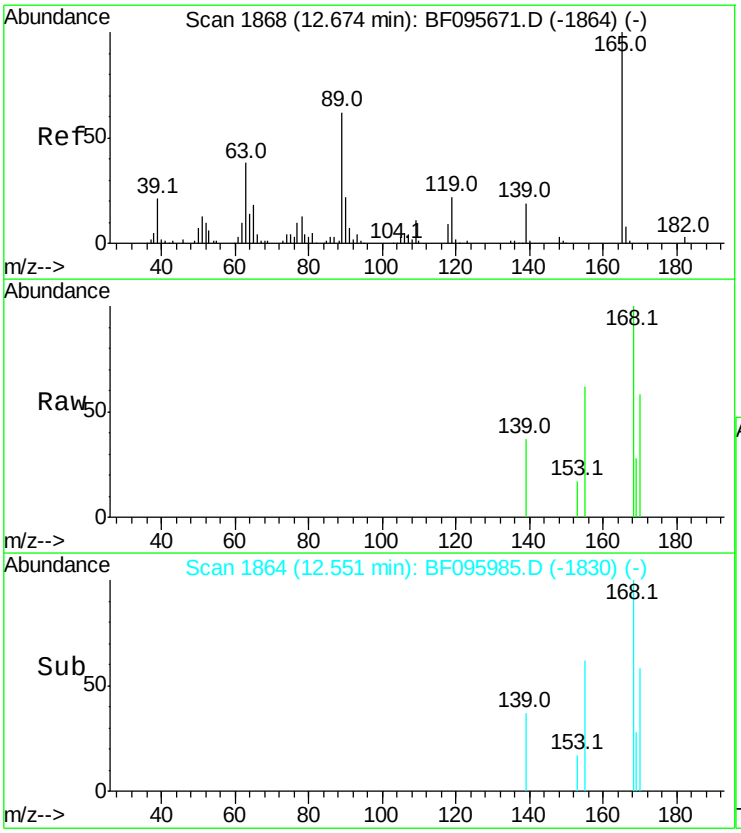
#50
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 12.17 min Scan# 1799
Delta R.T. 0.22 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15630

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

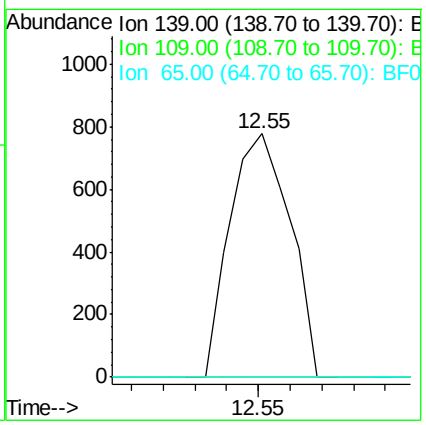


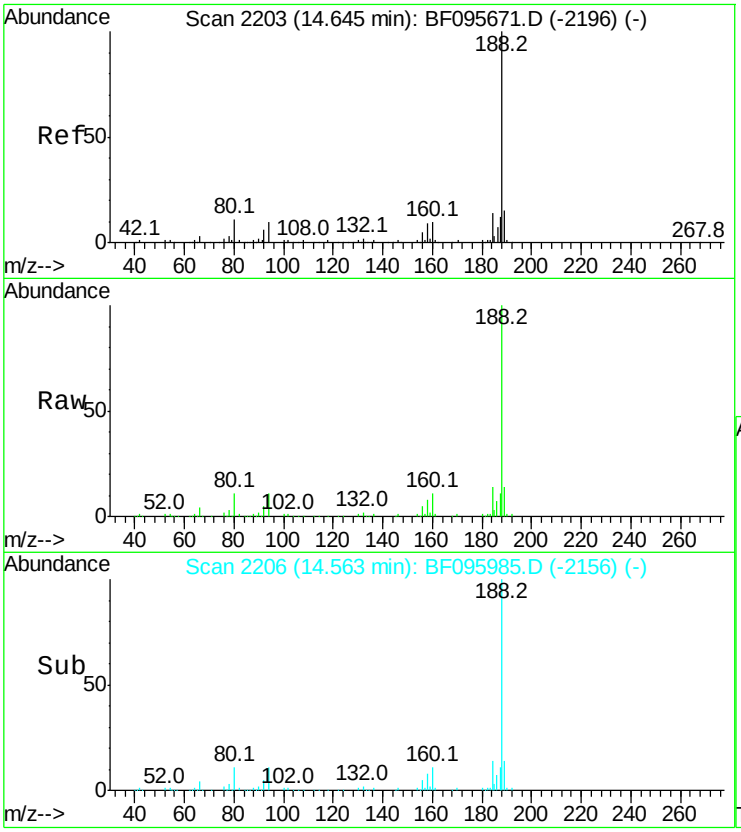


#55
4-Nitrophenol
Concen: 5.31 ng
RT: 12.55 min Scan# 1864
Delta R.T. -0.10 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:139 Resp: 1019

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



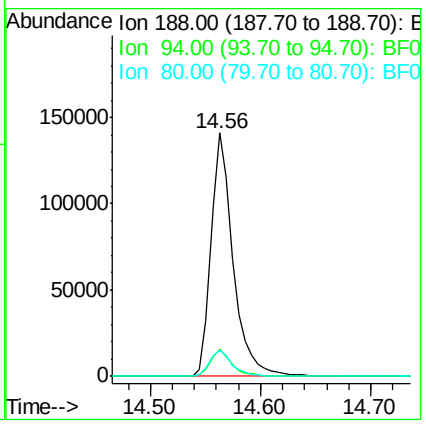


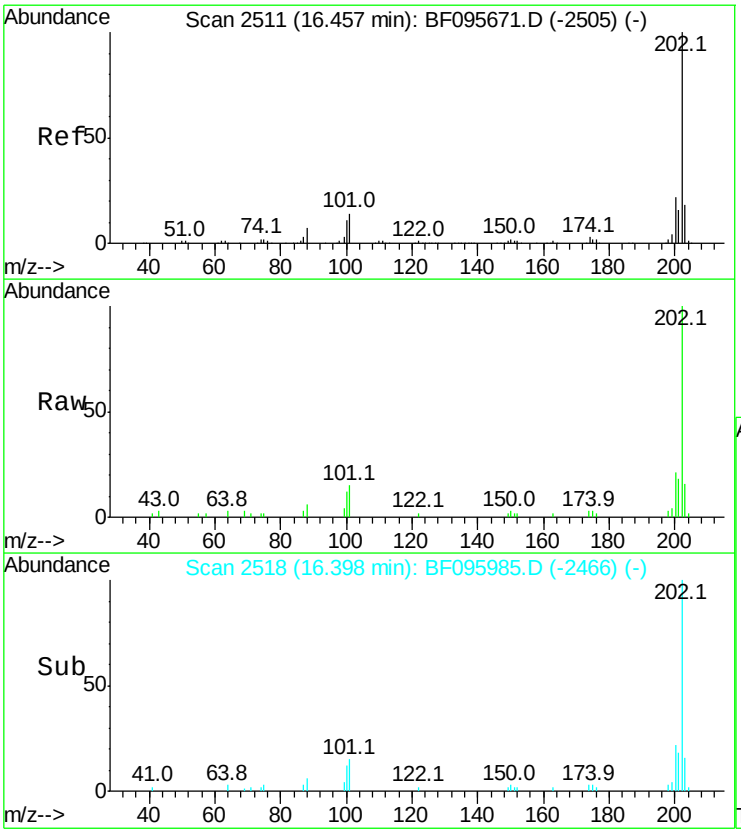
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 194713

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.9	10.2	15.2

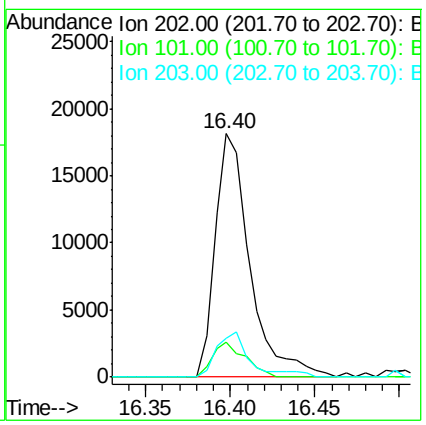


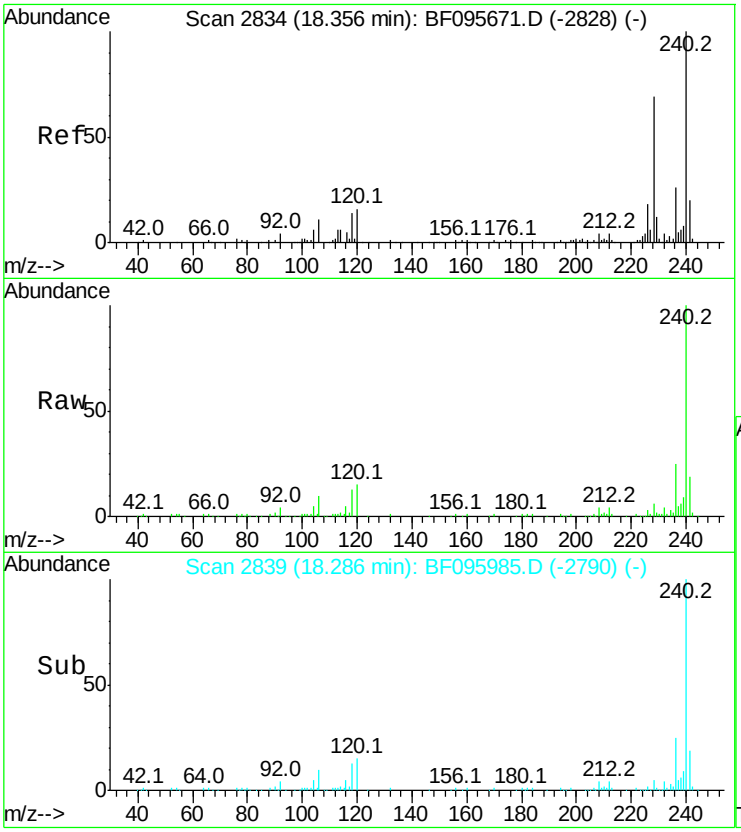


#74
Fluoranthene
Concen: 2.33 ng
RT: 16.40 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:202 Resp: 25964

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.0	0.0	38.1



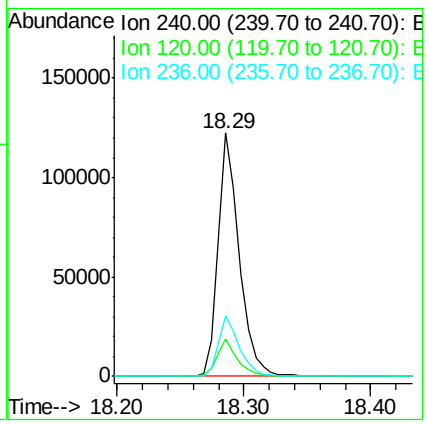


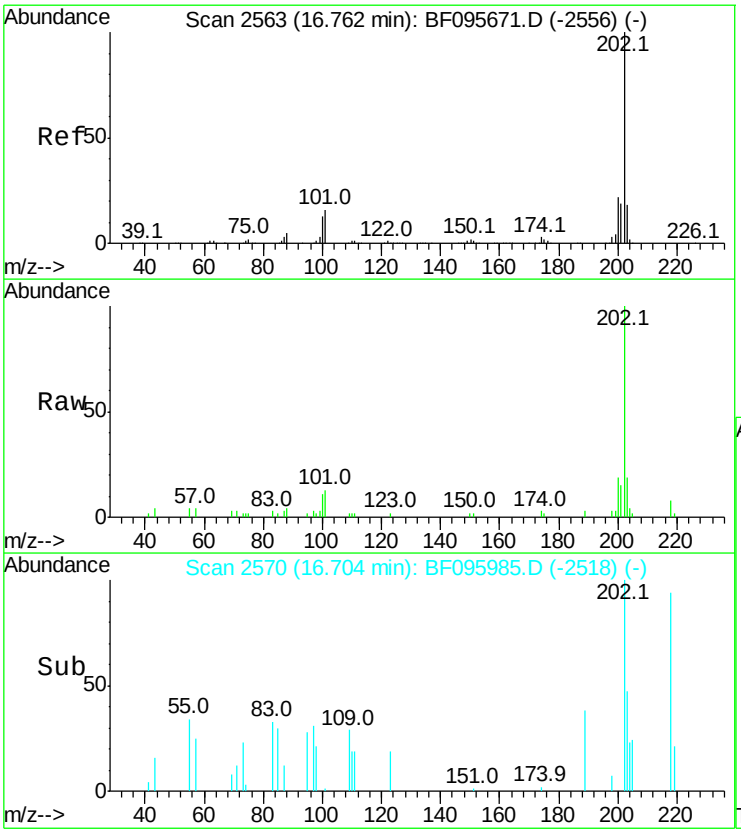
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 144011

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.6	20.5	30.7

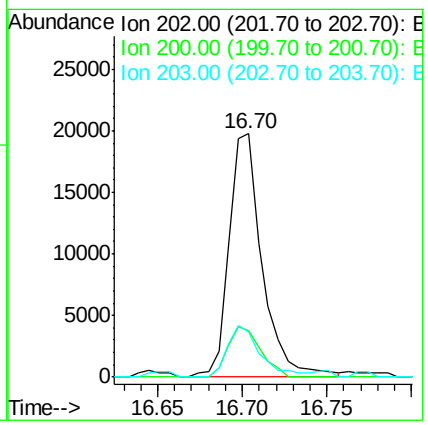


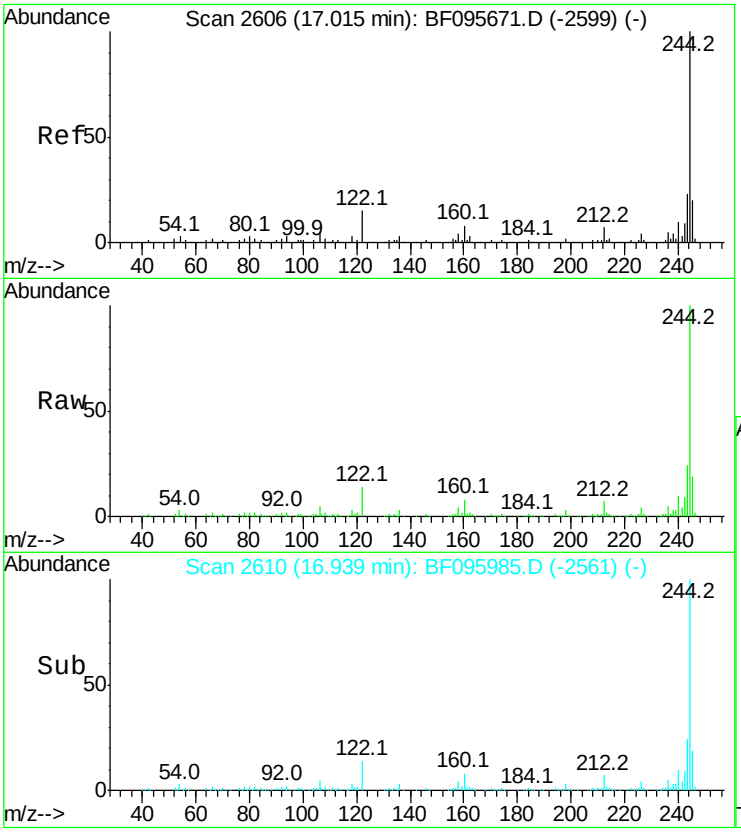


#77
Pyrene
Concen: 2.49 ng
RT: 16.70 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:202 Resp: 26794

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.6	26.4
203	18.5	14.4	21.6



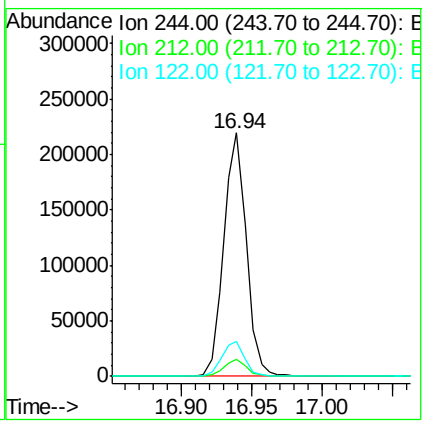


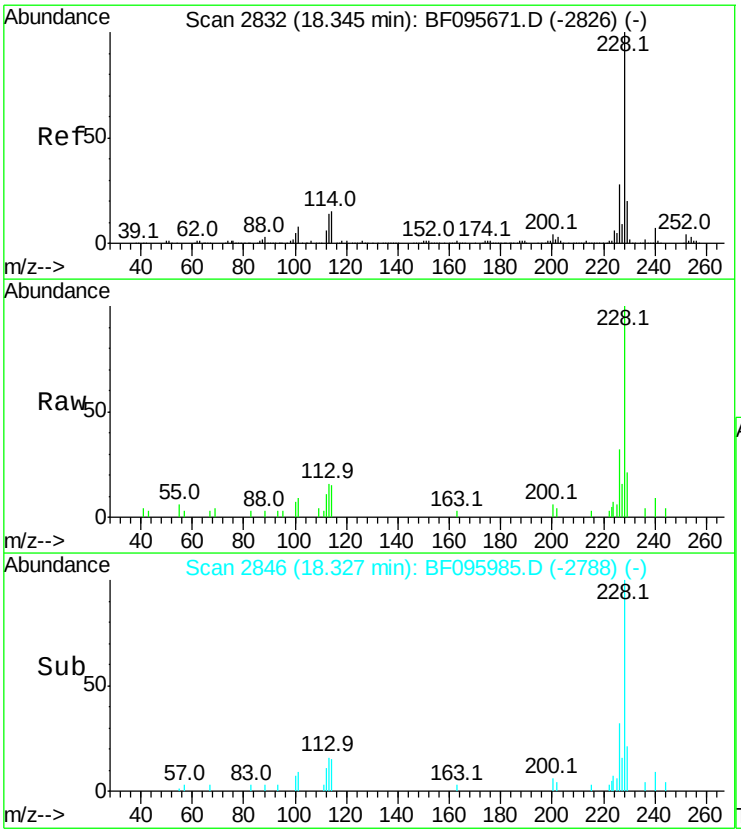
#78
Terphenyl-d14
Concen: 41.86 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 242904

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5

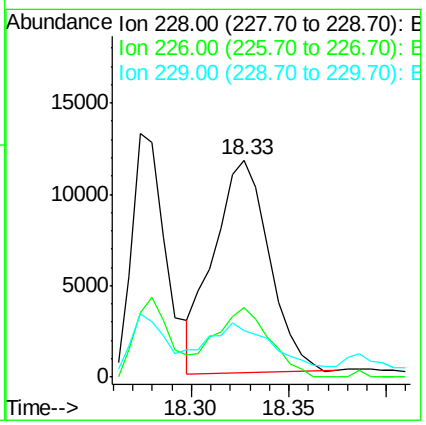


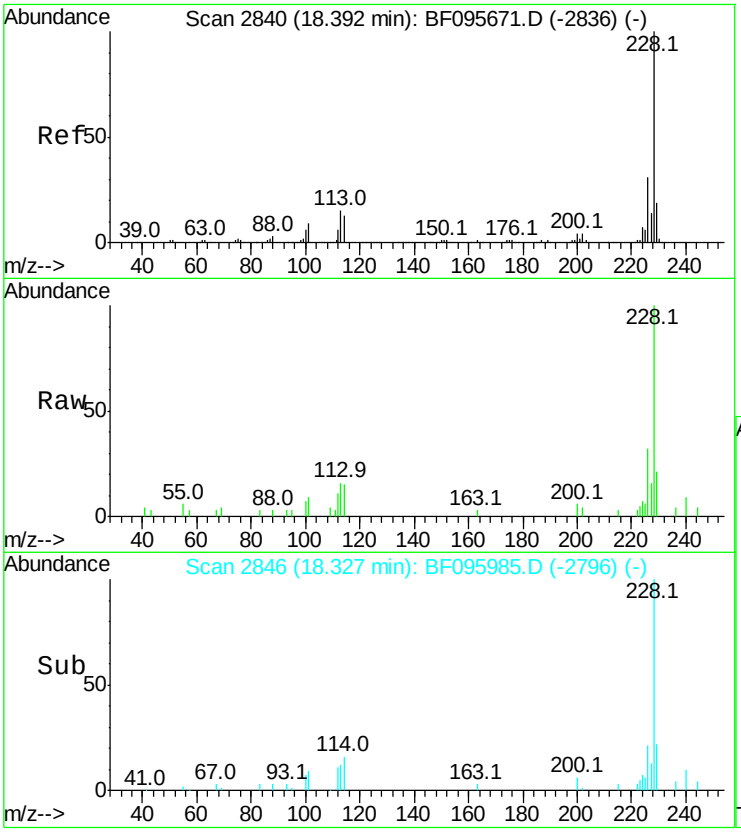


#80
Benzo(a)anthracene
Concen: 2.74 ng
RT: 18.33 min Scan# 2846
Delta R.T. 0.04 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:228 Resp: 22944

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	21.3	16.3	24.5



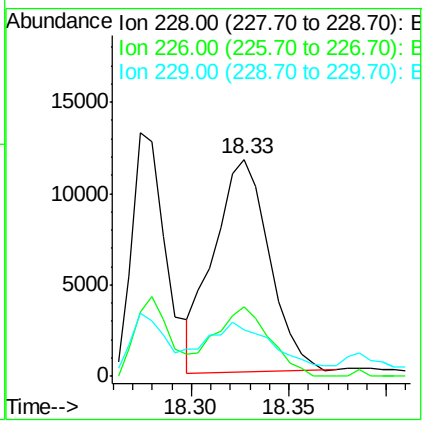


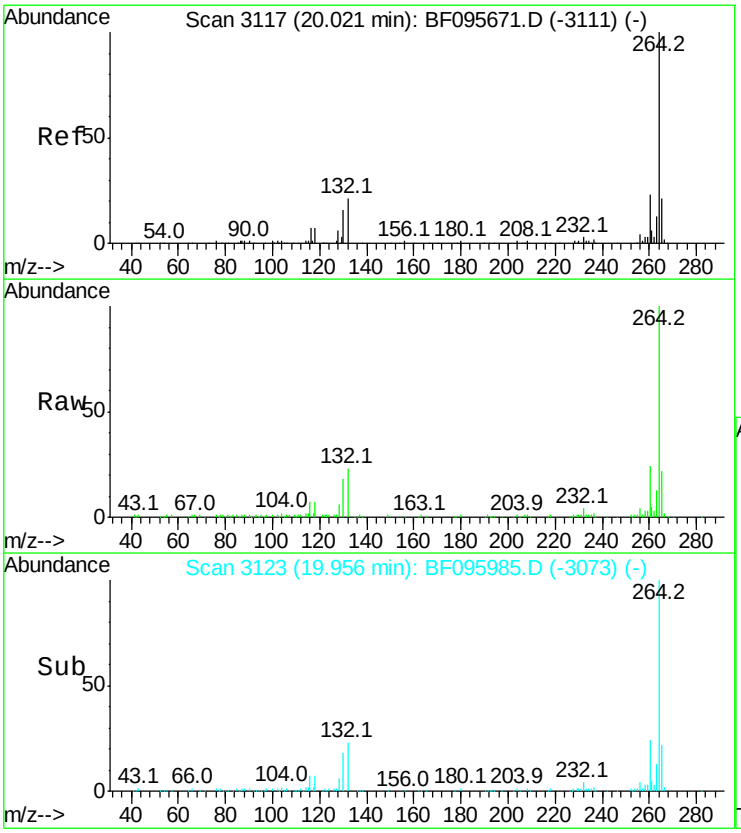
#82
Chrysene
Concen: 2.74 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 22944

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	21.3	15.8	23.6

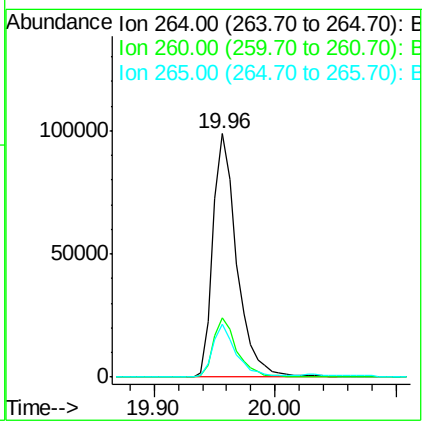


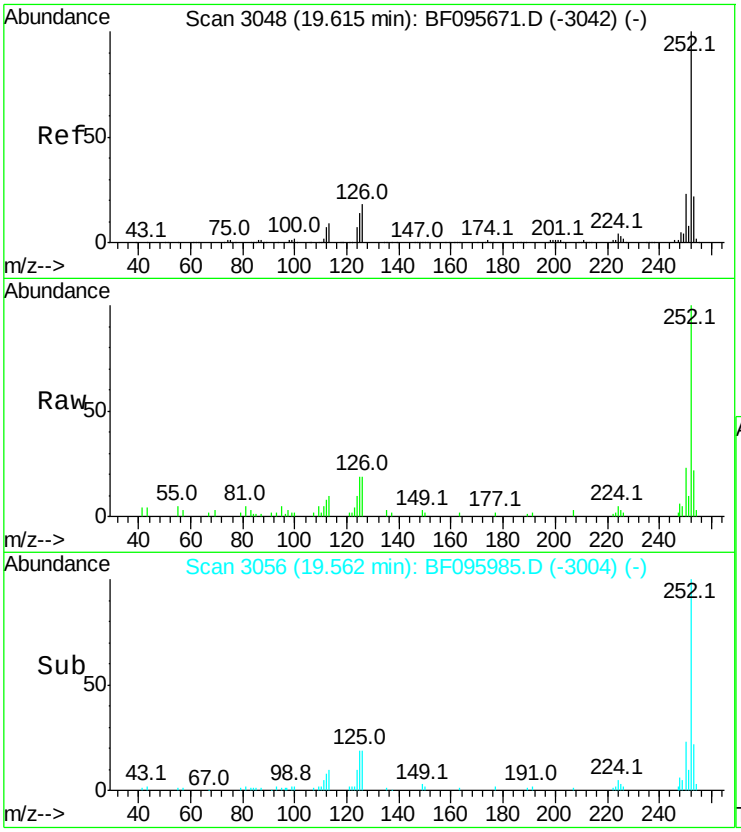


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:264 Resp: 134481

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



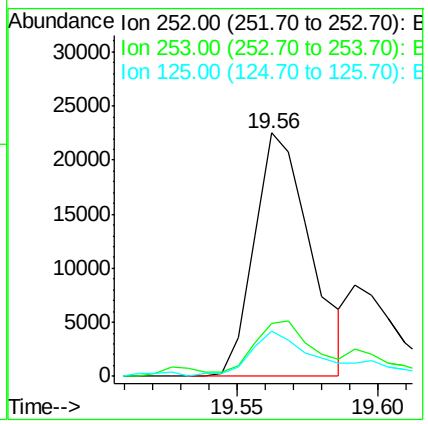


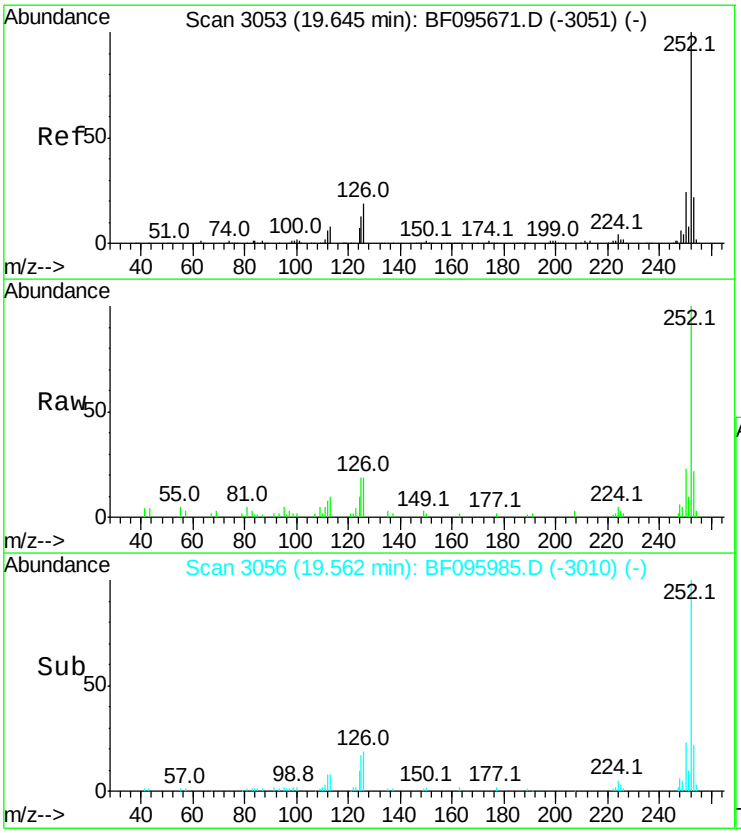
#87
Benzo(b)fluoranthene
Concen: 3.69 ng
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 31063

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	18.7	9.8	14.8#

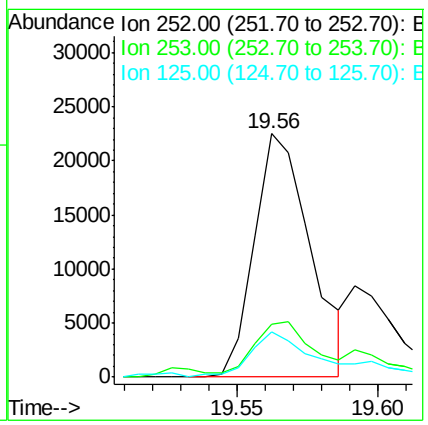


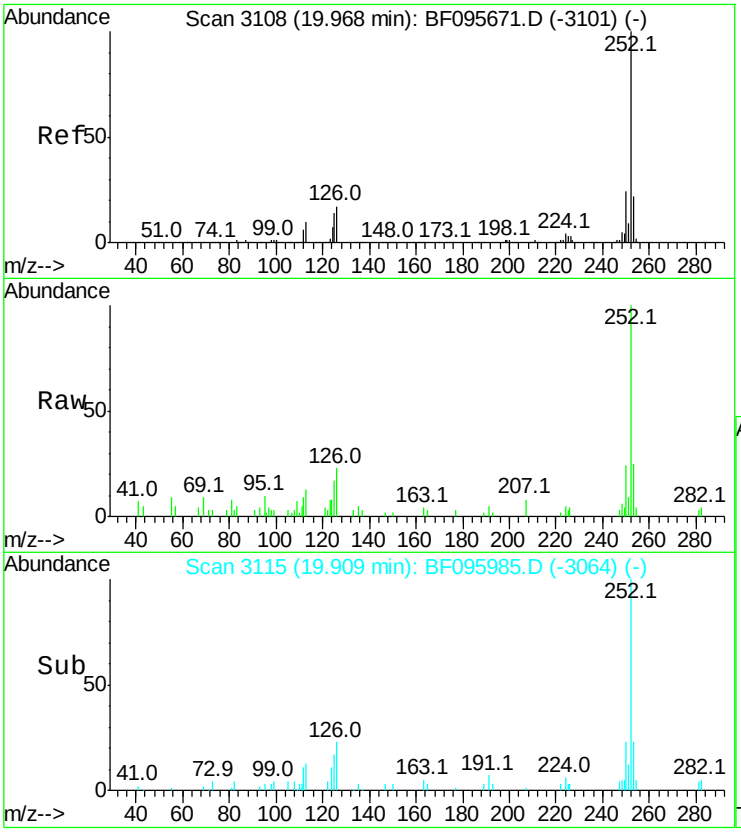


#88
Benzo(k)fluoranthene
Concen: 3.86 ng
RT: 19.56 min Scan# 3056
Delta R.T. -0.03 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion:252 Resp: 31063

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	18.7	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.01 ng
RT: 19.91 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 15550

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	17.5	11.0	16.4#