Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095201.D
Acq On : 17 May 2017 23:52
Operator : SJ/MA
Sample : I3172-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 18 04:13:22 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	7.77	152	78766	20.00	ng		0.04
21) Naphthalene-d8	9.79	136	360571	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	163817	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	272067	20.00	ng		0.04
75) Chrysene-d12	18.69	240	183919	20.00	ng		0.04
86) Perylene-d12	20.37	264	175045	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	528365	111.84	ng		0.06
7) Phenol-d6	7.31	99	706348	124.61	ng		0.04
23) Nitrobenzene-d5	8.67	82	410686	71.82	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	137539	102.52	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	805165	70.74	ng		0.03
78) Terphenyl-d14	17.34	244	503182	60.26	ng		0.03
Target Compounds							Qvalue
10) Phenol	7.34	94	15993	2.68	ng	#	49
19) n-Nitroso-di-n-propylamine	8.67	70	49806	12.99	ng	#	74
49) Dimethylphthalate	12.26	163	108014	8.03	ng		99
74) Fluoranthene	16.81	202	60027	3.74	ng		97
77) Pyrene	17.11	202	58714	4.27	ng		96
80) Benzo(a)anthracene	18.68	228	55717	5.21	ng		98
82) Chrysene	18.73	228	71641	6.92	ng		96
85) Indeno(1,2,3-cd)pyrene	21.71	276	71220	8.47	ng		92
87) Benzo(b)fluoranthene	19.97	252	184006	17.01	ng	#	97
88) Benzo(k)fluoranthene	19.97	252	184006	17.64	ng		98
89) Benzo(a)pyrene	20.31	252	90469	9.06	ng		93
91) Benzo(g,h,i)perylene	22.09	276	64634	7.99	ng		93

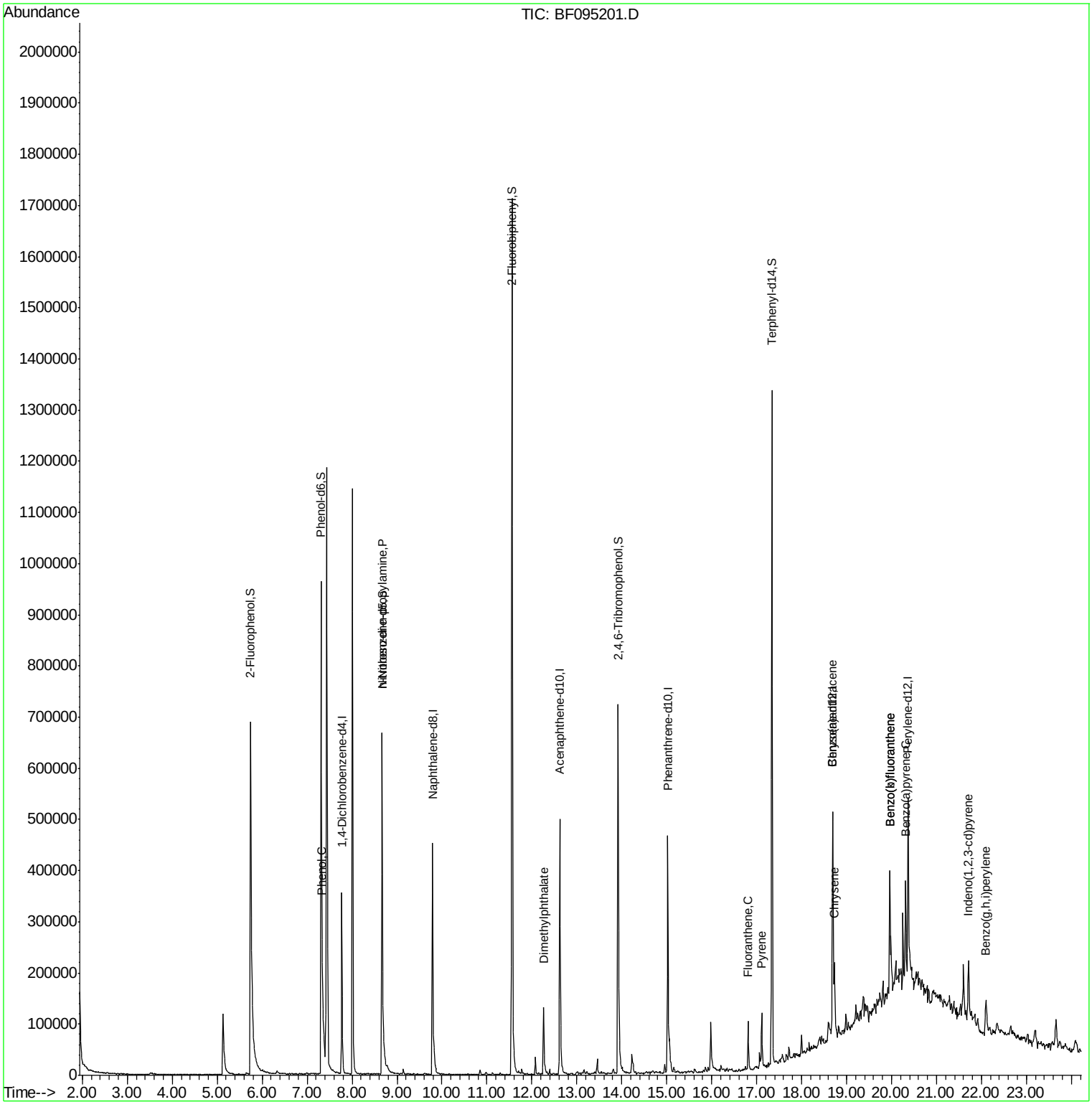
(#) = qualifier out of range (m) = manual integration (+) = signals summed

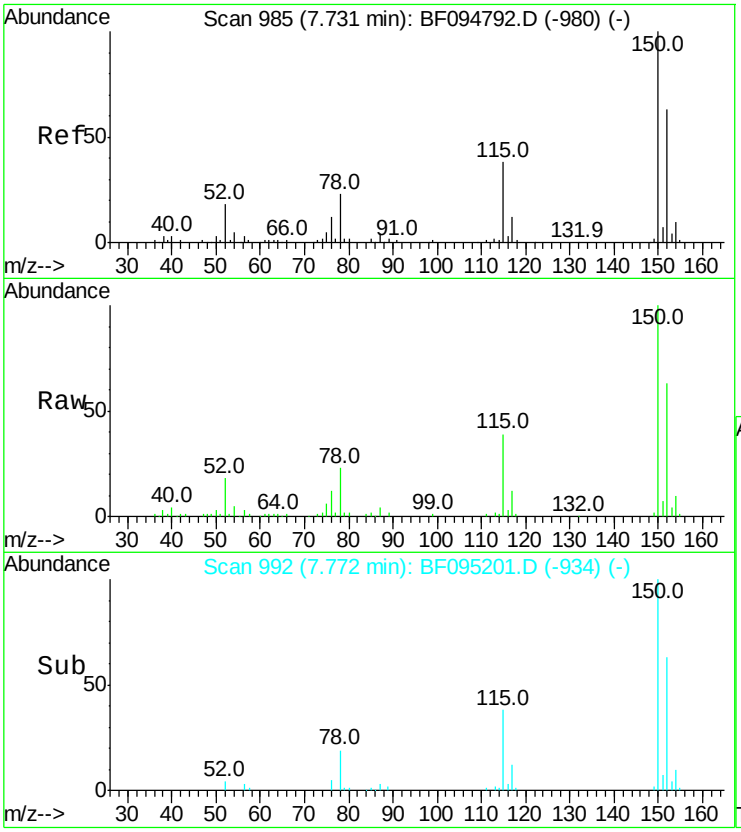
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095201.D
Acq On : 17 May 2017 23:52
Operator : SJ/MA
Sample : I3172-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 04:13:22 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



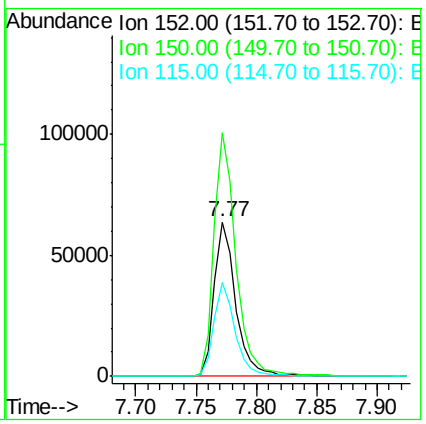


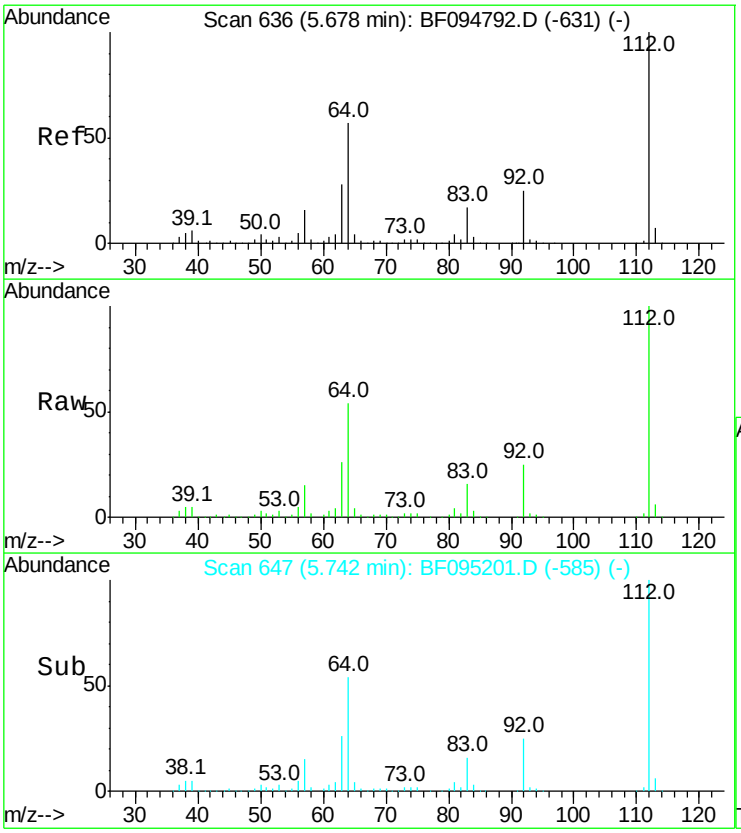
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78766

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	61.1	52.2	78.2

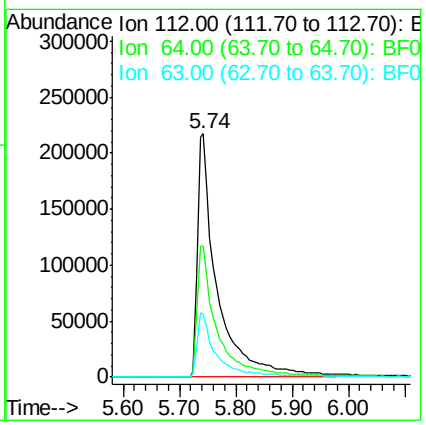


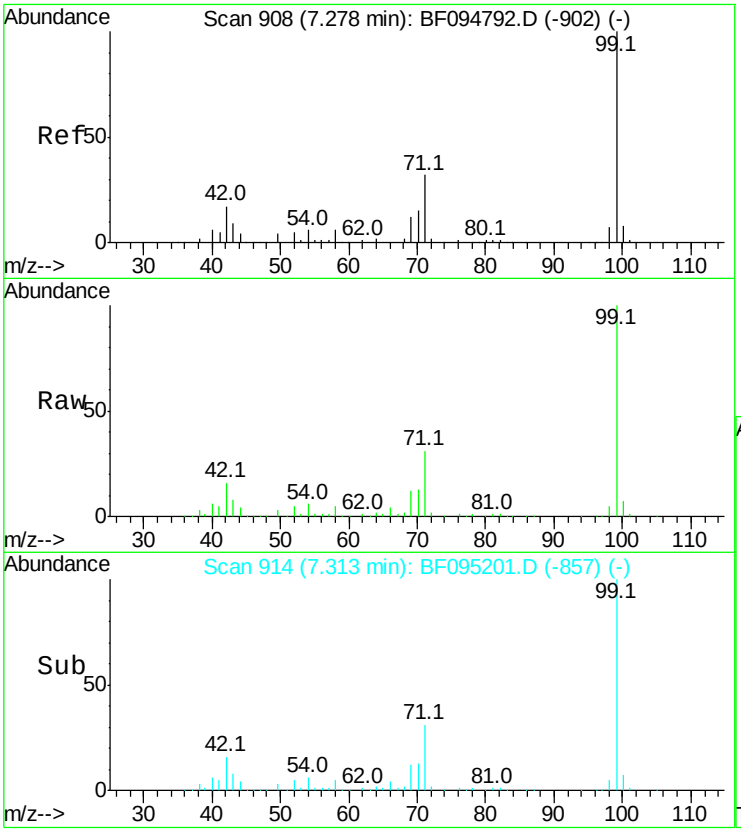


#5
2-Fluorophenol
Concen: 111.84 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:112 Resp: 528365

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.1	23.4	35.0



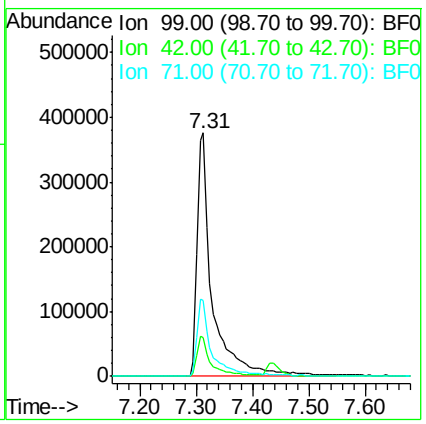


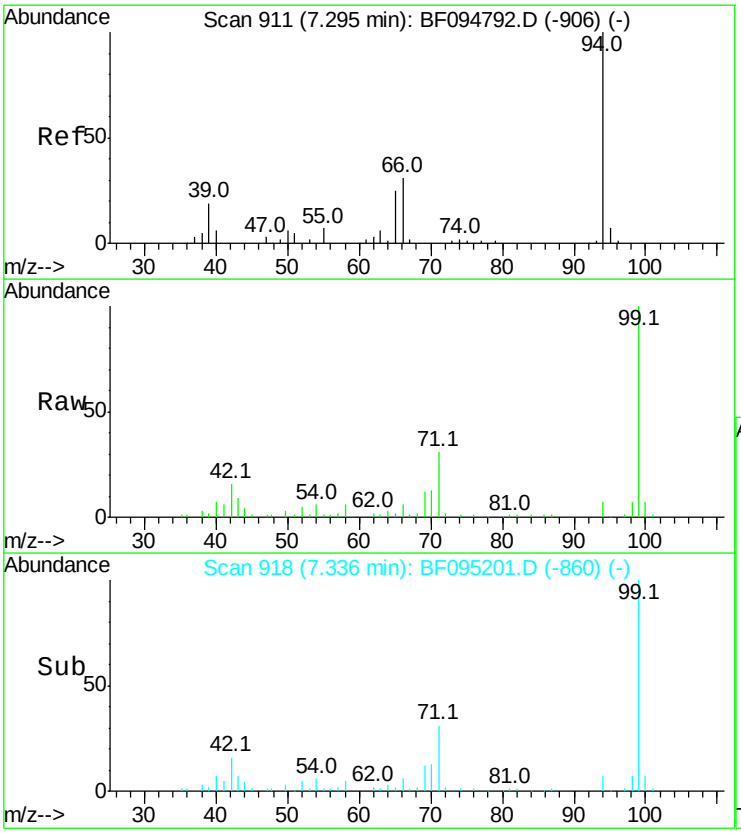
#7
Phenol-d6
Concen: 124.61 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 706348

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.4	24.5	36.7

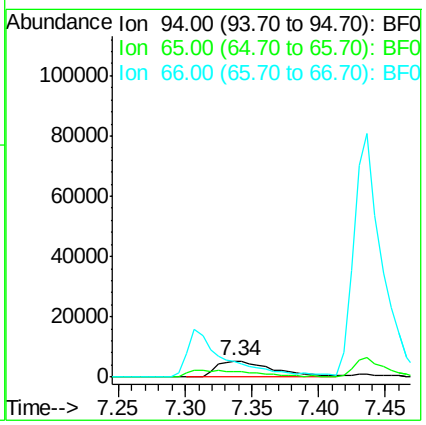


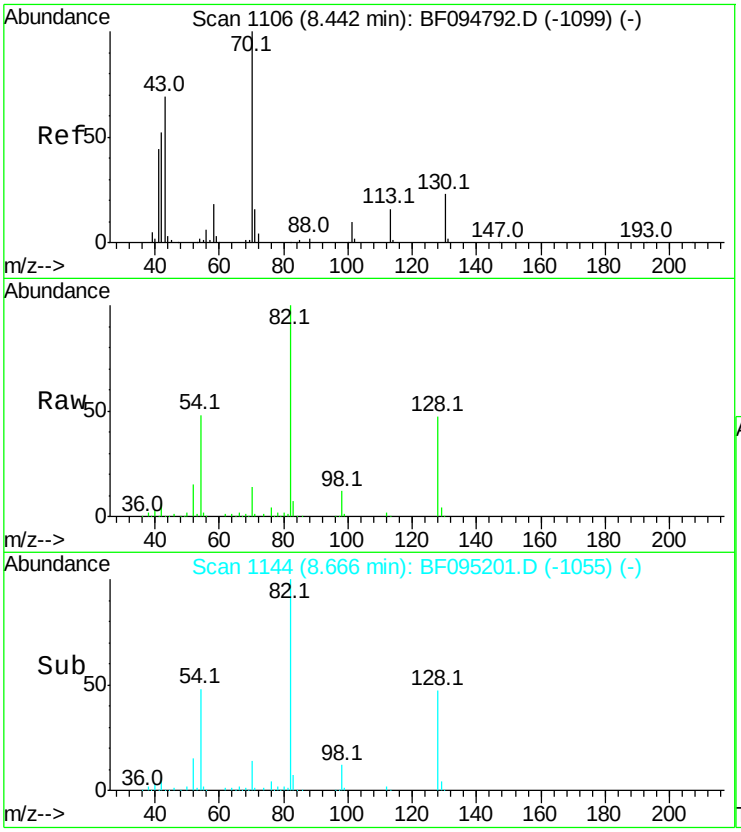


#10
Phenol
Concen: 2.68 ng
RT: 7.34 min Scan# 918
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion: 94 Resp: 15993

Ion	Ratio	Lower	Upper
94	100		
65	35.1	9.9	49.9
66	94.1	23.1	63.1#



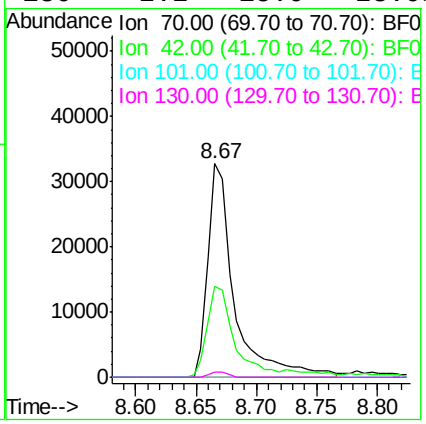


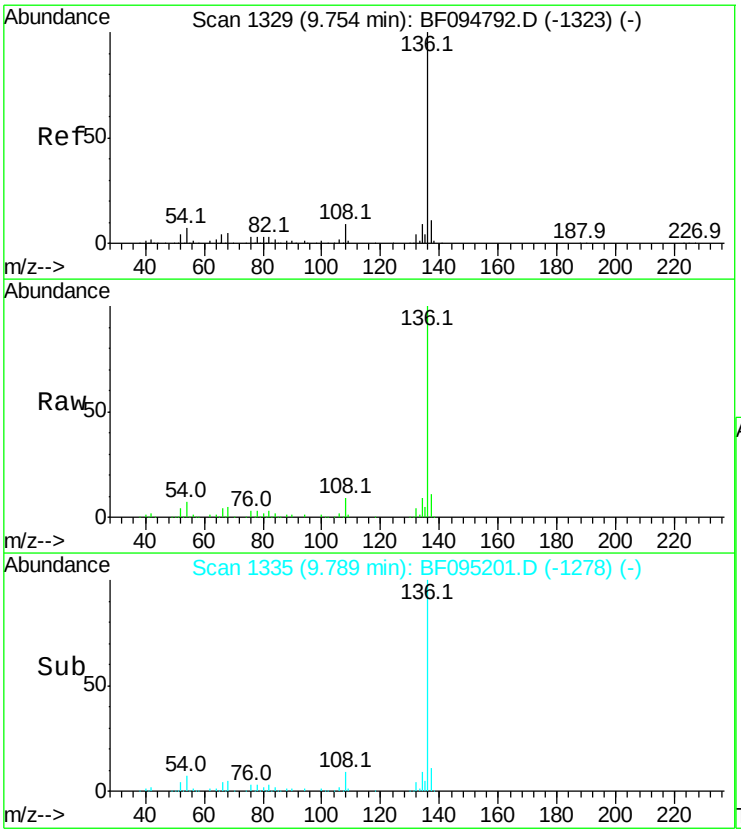
#19
n-Nitroso-di-n-propylamine
Concen: 12.99 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.22 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49806

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

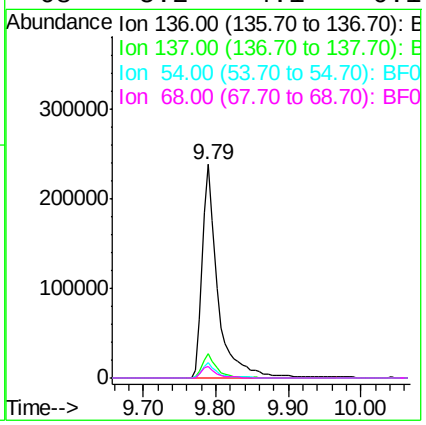


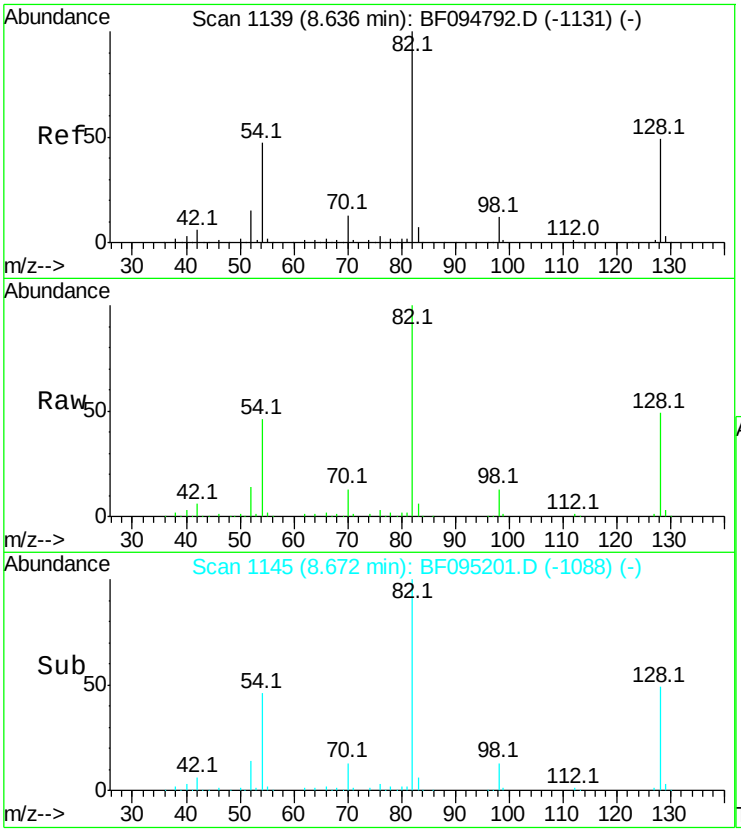


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:136 Resp: 360571

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.0	4.9	7.3
68	5.2	4.1	6.1



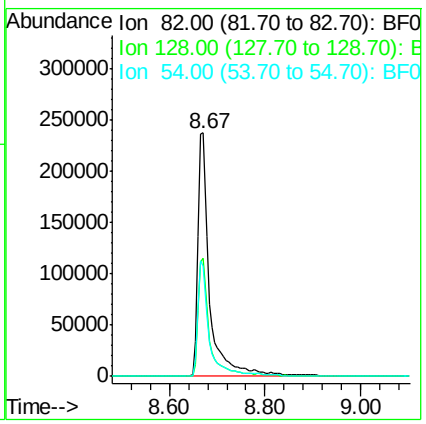


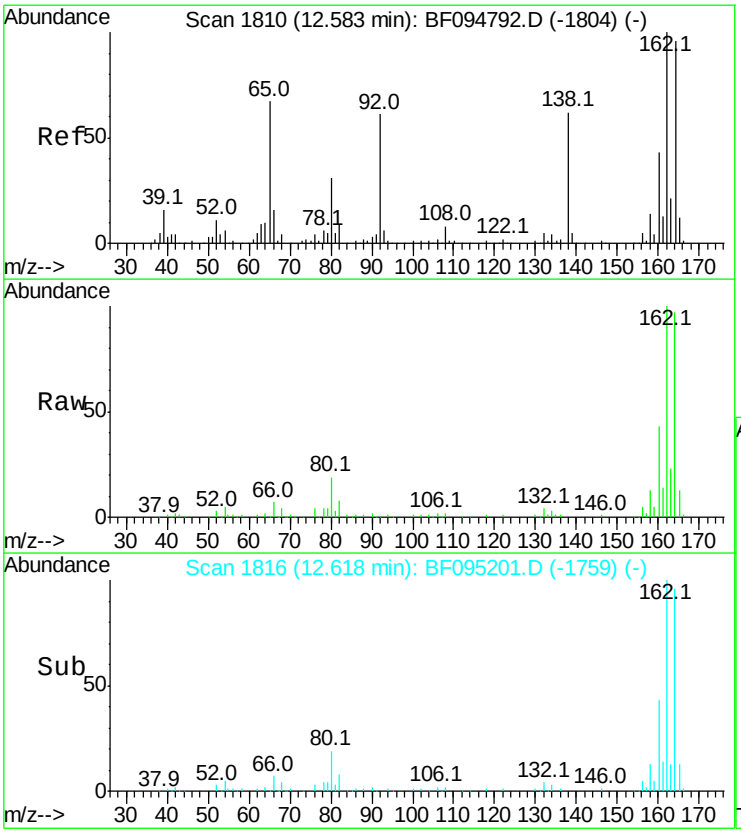
#23
Nitrobenzene-d5
Concen: 71.82 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 410686

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	45.5	42.2	63.2

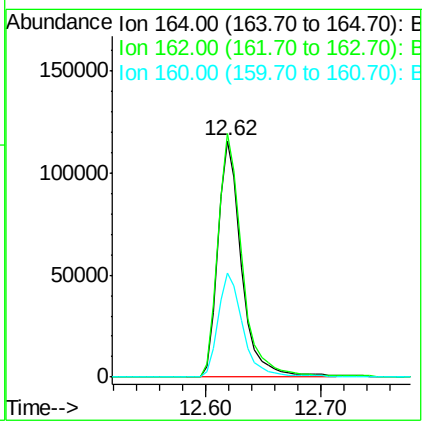


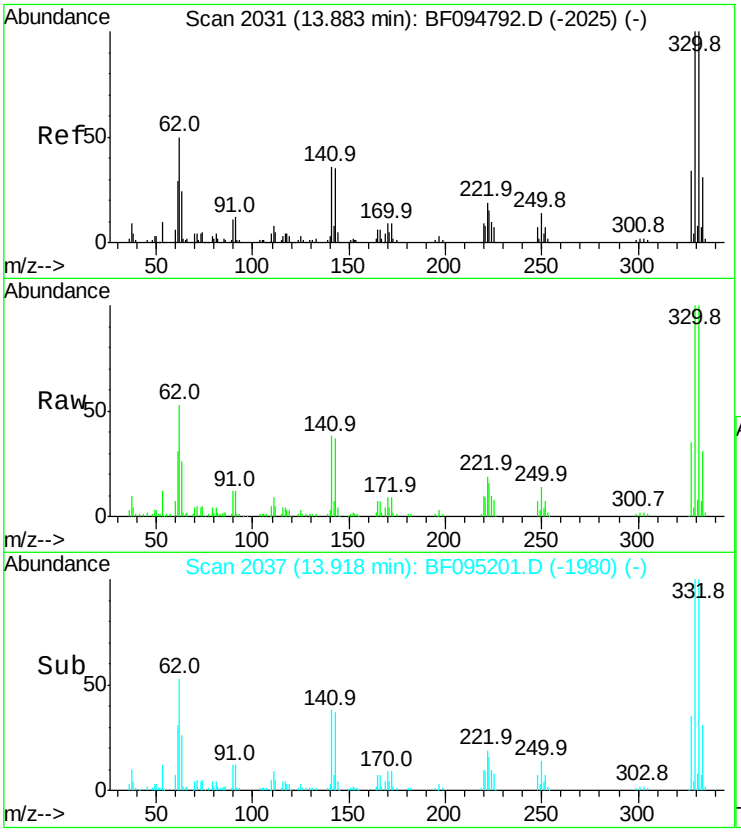


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:164 Resp: 163817

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.4	36.2	54.2



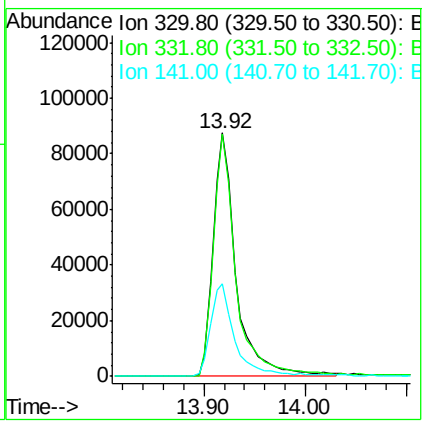


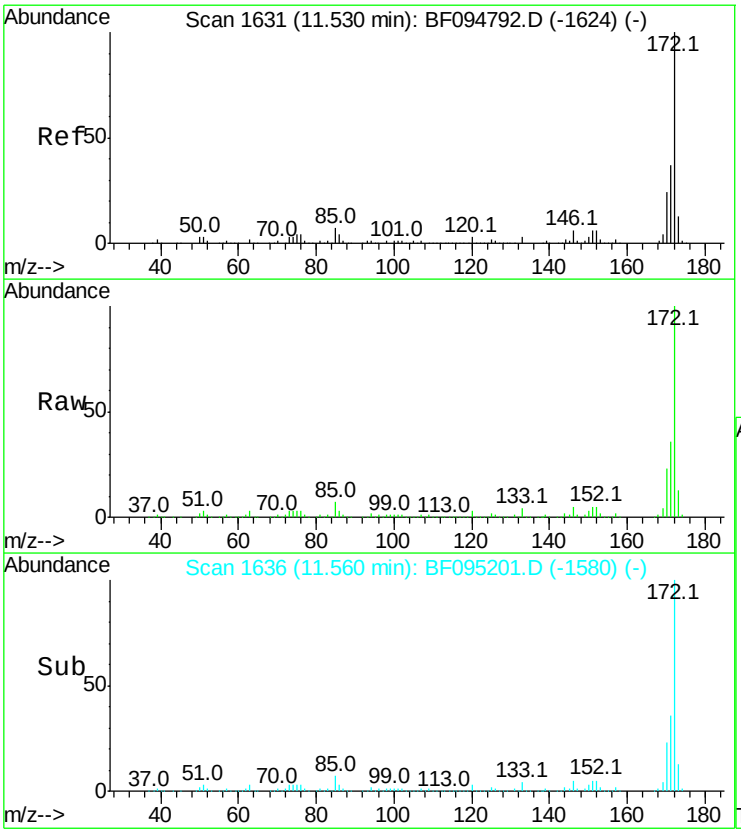
#41
2,4,6-Tribromophenol
Concen: 102.52 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 137539

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.6	115.0
141	40.4	31.4	47.2

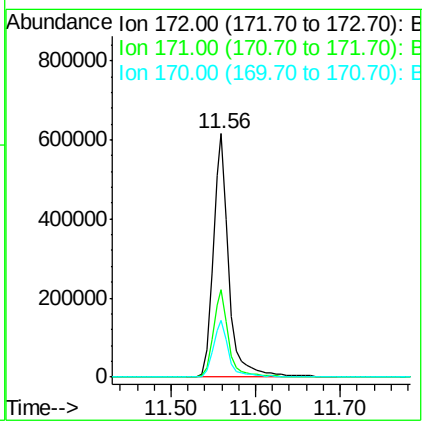


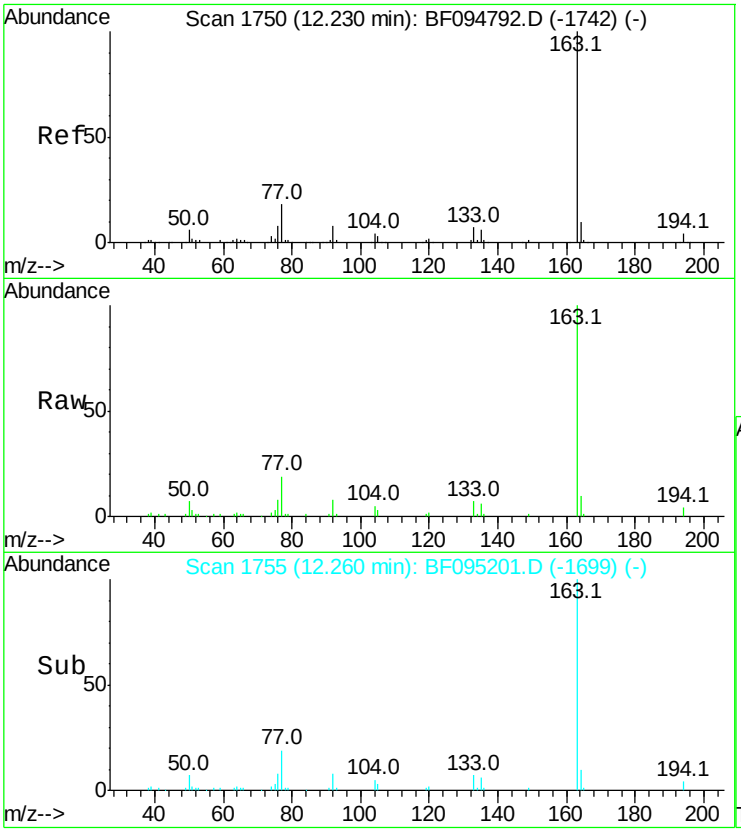


#44
2-Fluorobiphenyl
Concen: 70.74 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:172 Resp: 805165

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.2	19.8	29.8



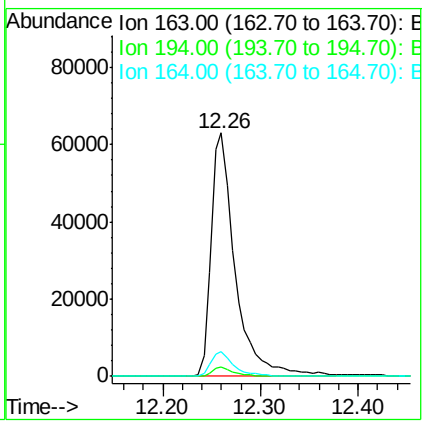


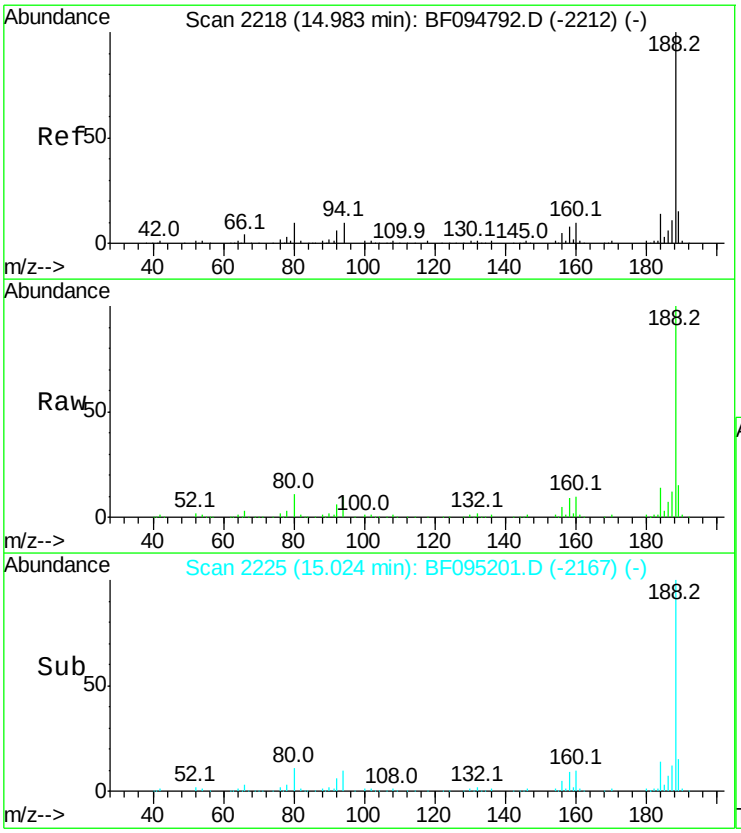
#49
Dimethylphthalate
Concen: 8.03 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 108014

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

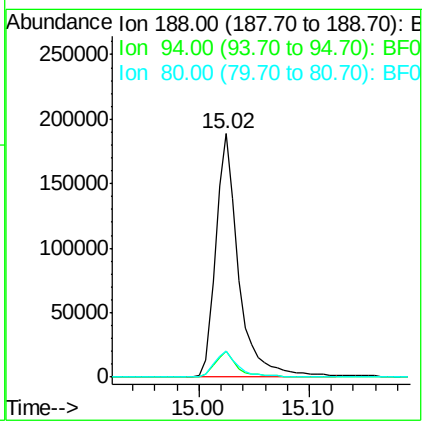


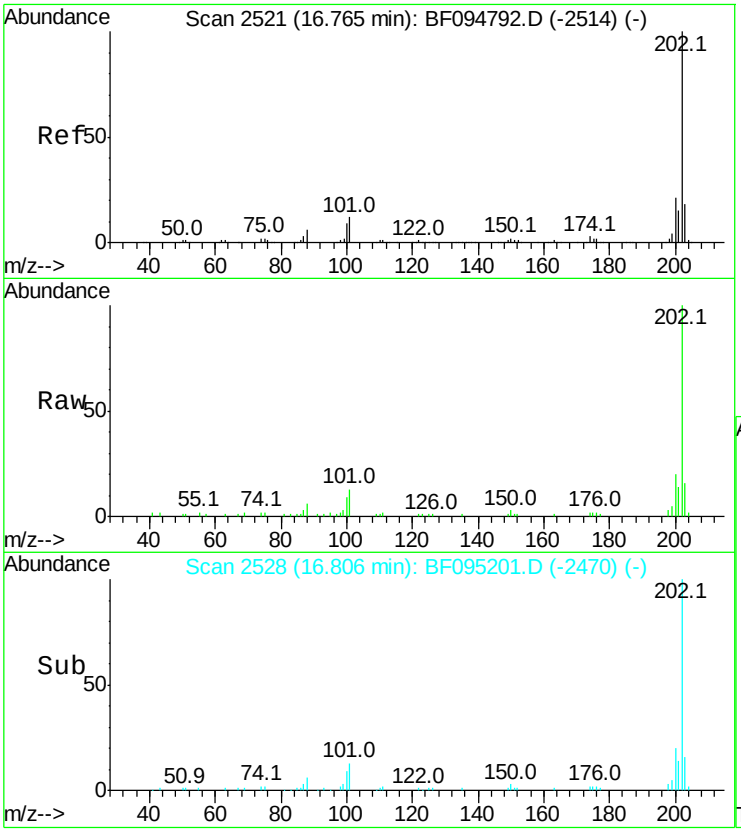


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:188 Resp: 272067

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.7	10.2	15.2



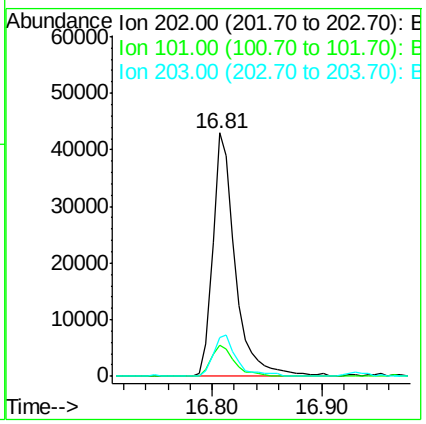


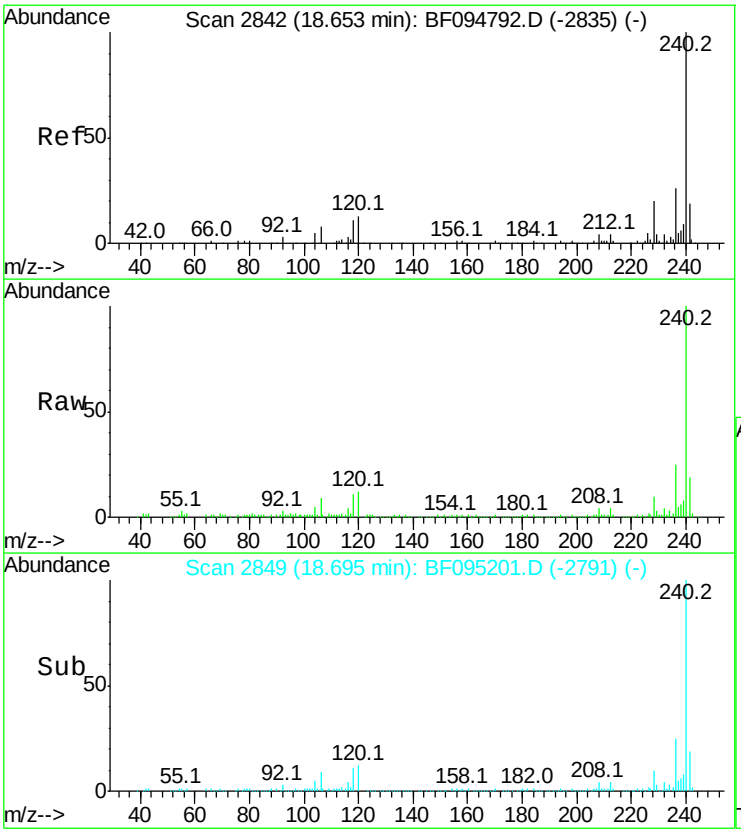
#74
Fluoranthene
Concen: 3.74 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 60027

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	15.8	0.0	38.1

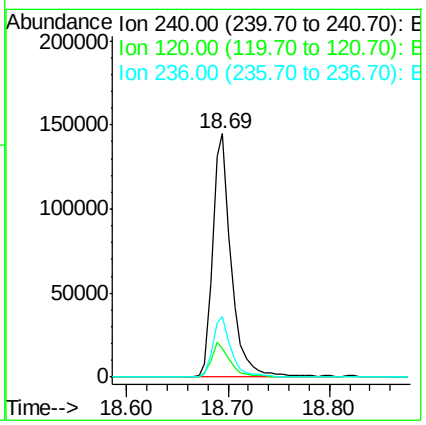


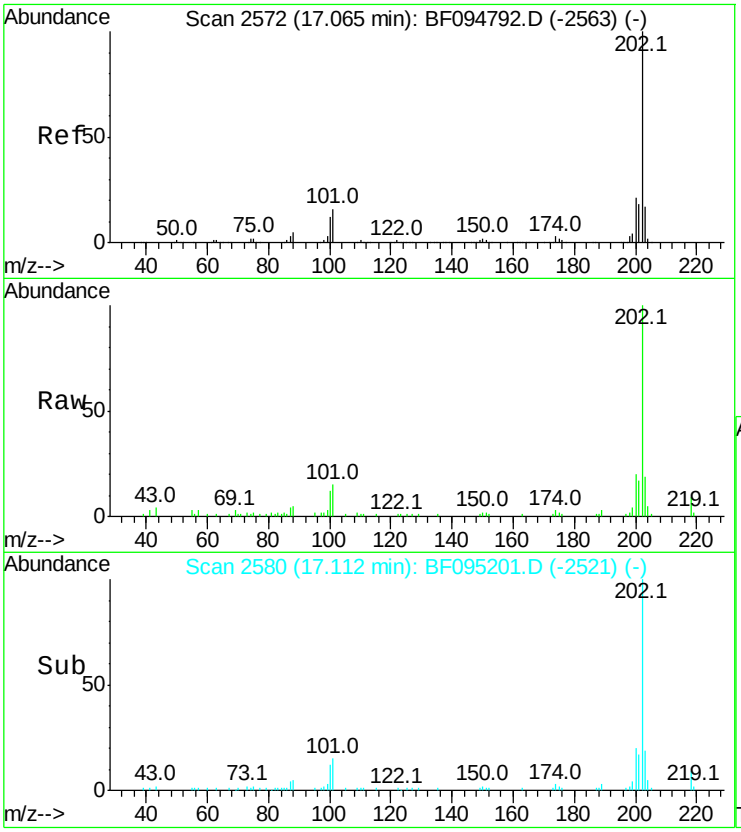


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:240 Resp: 183919

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.8	8.8#
236	24.7	20.5	30.7



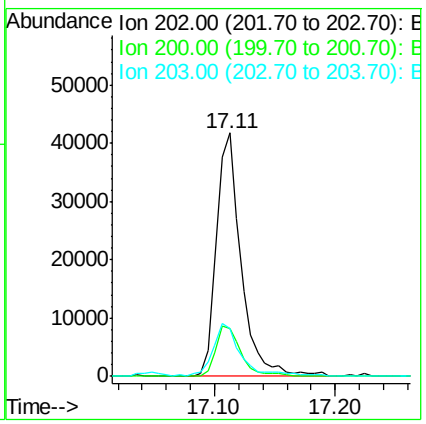


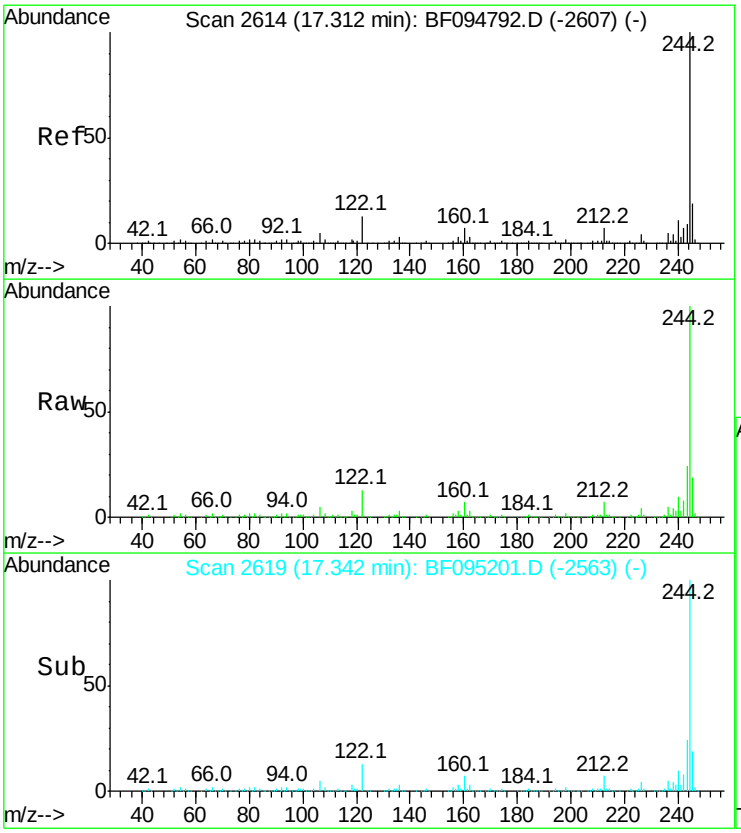
#77
Pyrene
Concen: 4.27 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 58714

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	19.4	14.4	21.6

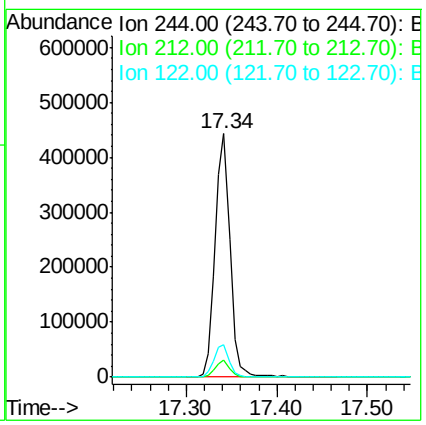


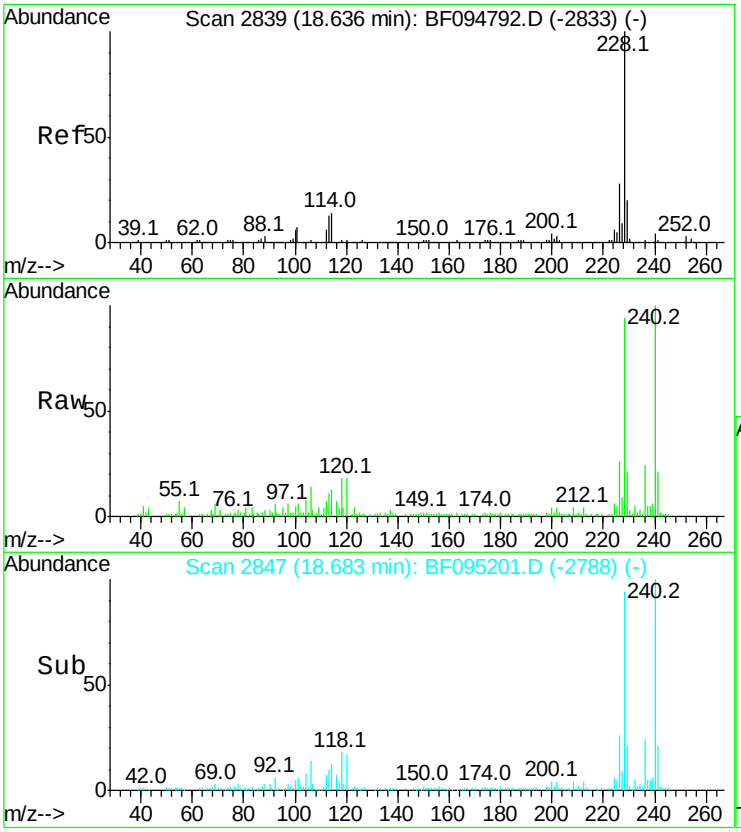


#78
Terphenyl-d14
Concen: 60.26 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:244 Resp: 503182

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.2	10.3	15.5



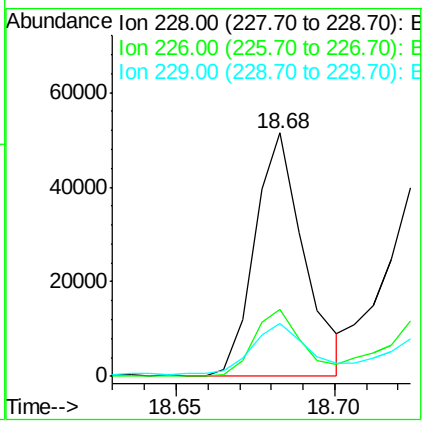


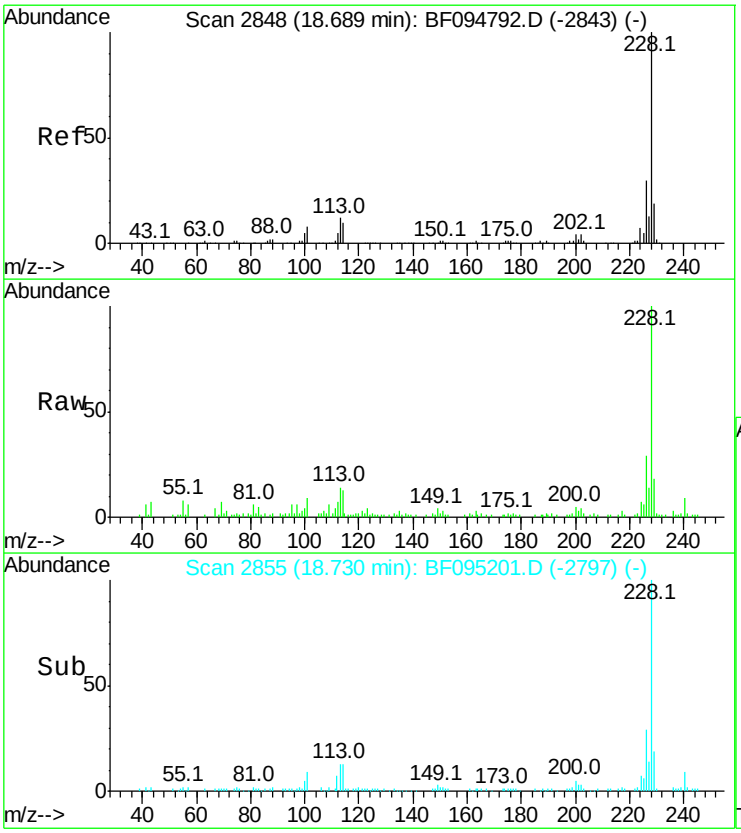
#80
Benzo(a)anthracene
Concen: 5.21 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 55717

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.9	16.3	24.5

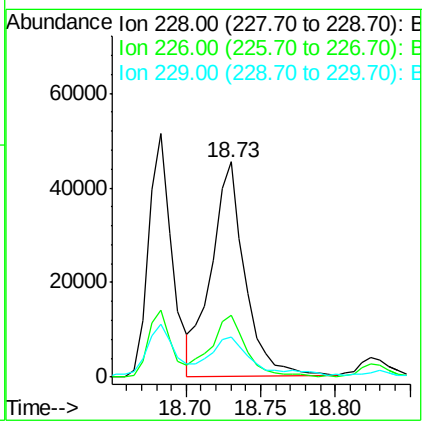


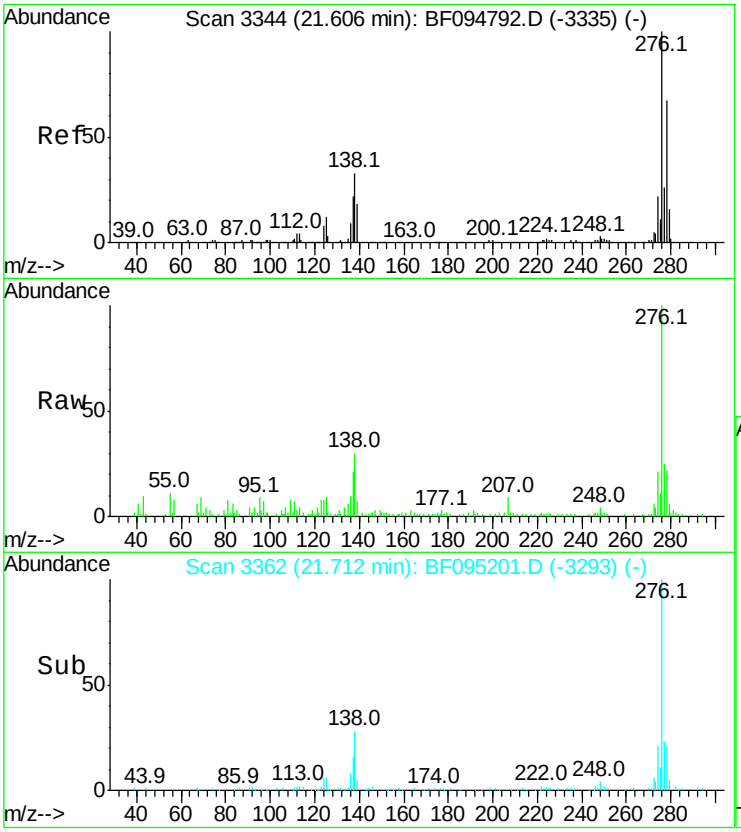


#82
Chrysene
Concen: 6.92 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.04 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:228 Resp: 71641

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	18.5	15.8	23.6



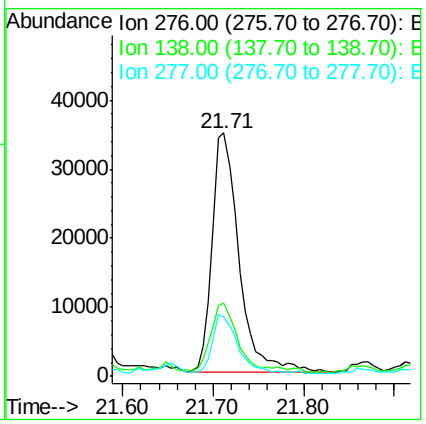


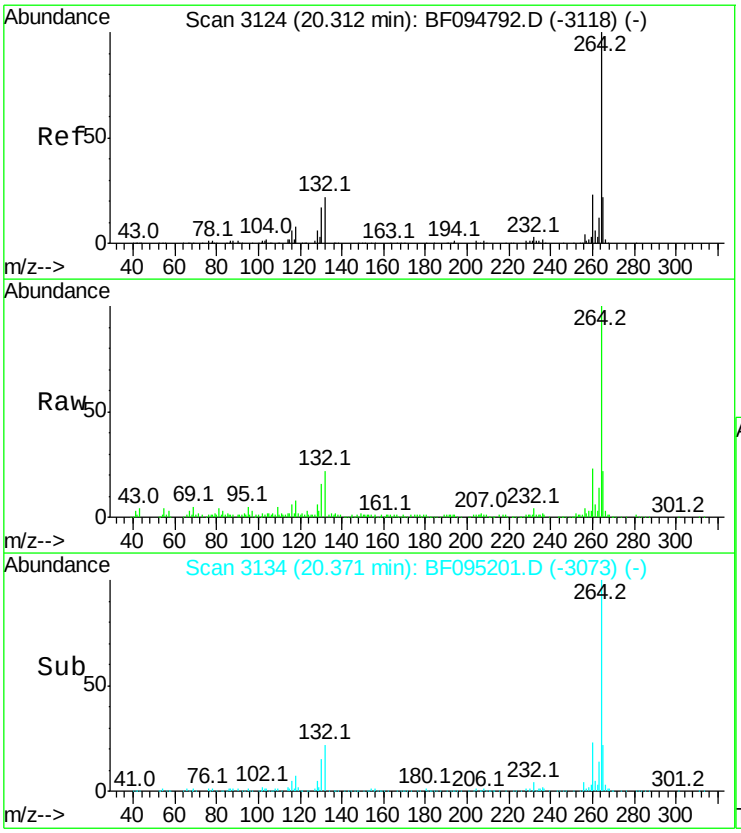
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.47 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.11 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 71220

Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.8	41.6
277	24.0	20.2	30.4

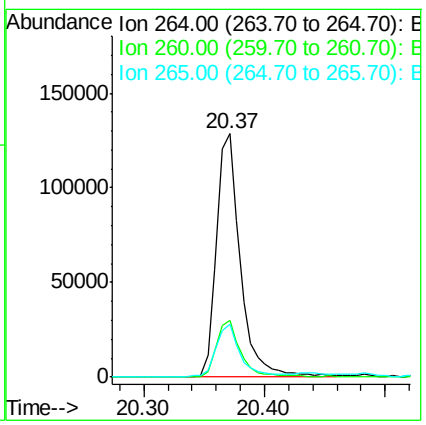


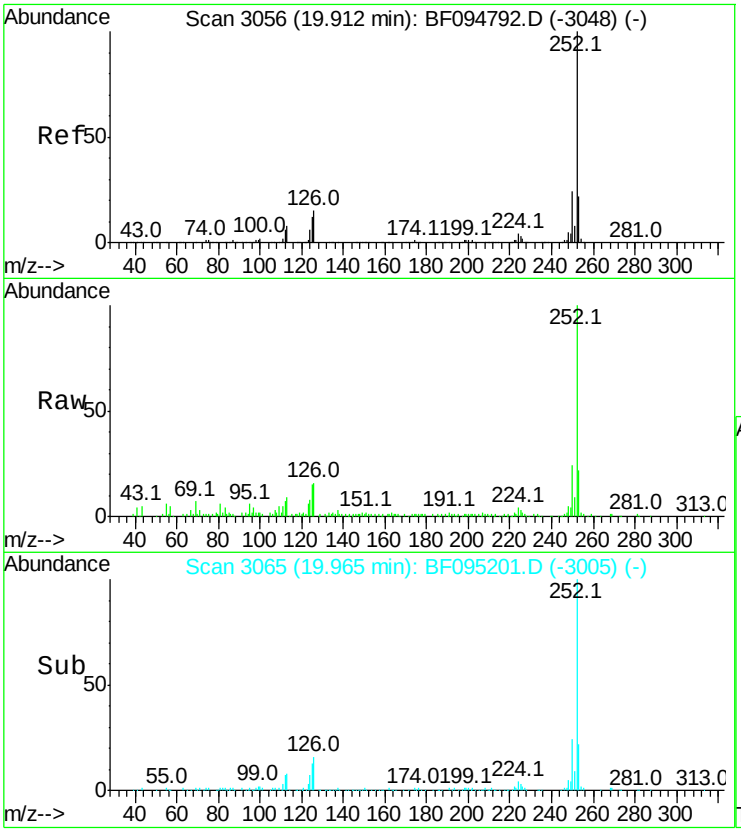


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:264 Resp: 175045

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	17.2	25.8



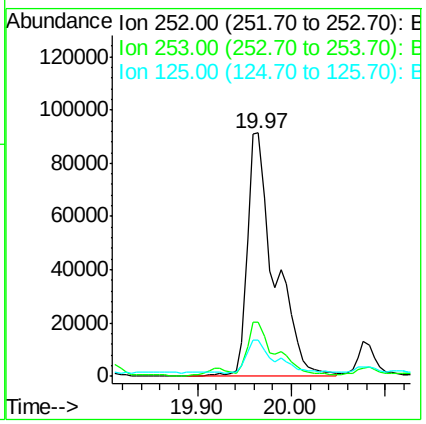


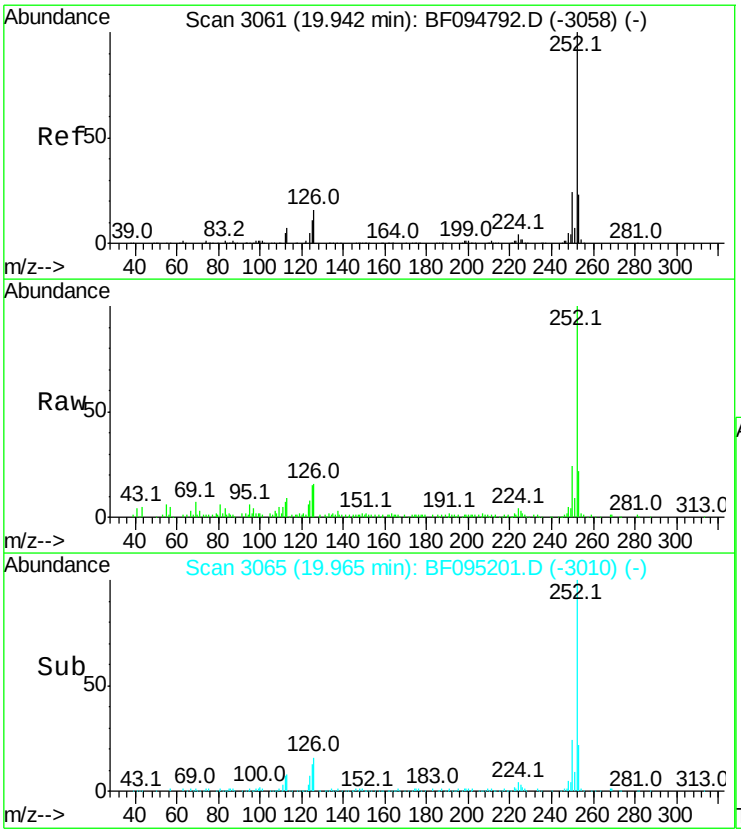
#87
Benzo(b)fluoranthene
Concen: 17.01 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.05 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 184006

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.9	9.8	14.8#

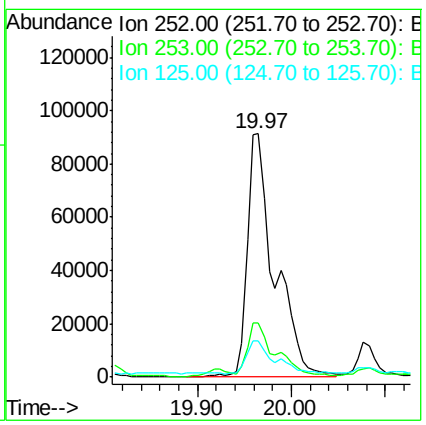


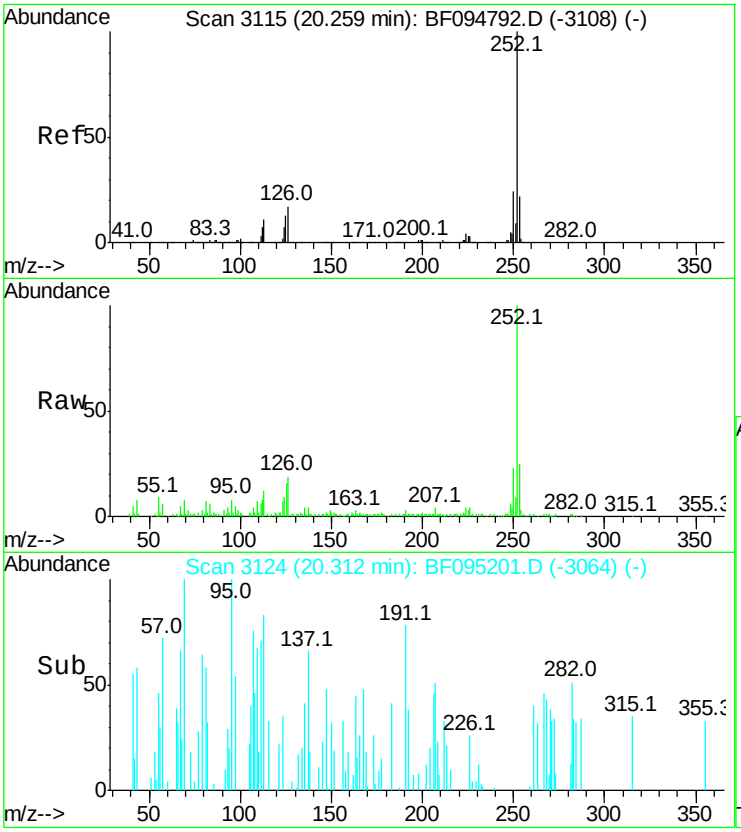


#88
Benzo(k)fluoranthene
Concen: 17.64 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:252 Resp: 184006

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.9	13.1	19.7



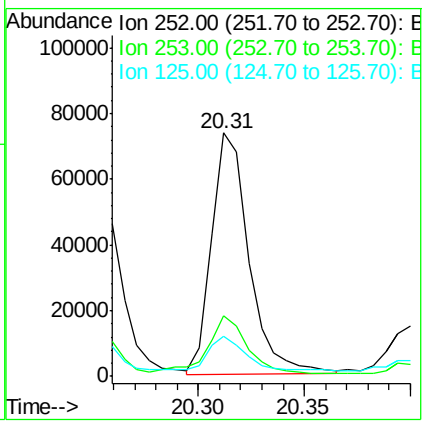


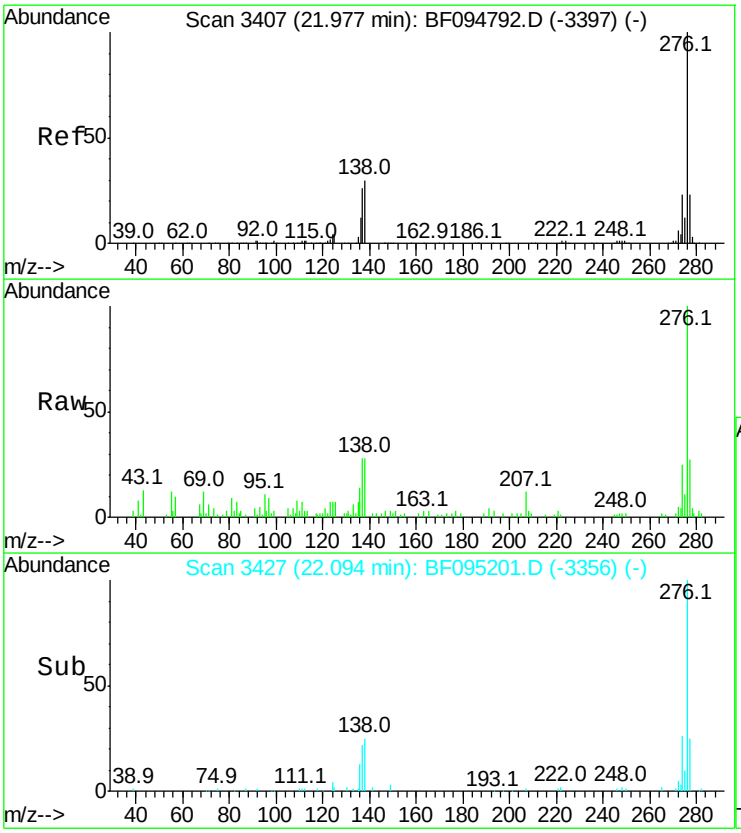
#89
Benzo(a)pyrene
Concen: 9.06 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 90469

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	16.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.99 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.12 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:276 Resp: 64634

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	27.6	25.4	38.0