Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095524.D
Acq On : 28 May 2017 5:51
Operator : SJ/MA
Sample : I3281-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 29 01:21:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	92861	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	352348	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	143103	20.00	ng		0.00
63) Phenanthrene-d10	15.00	188	213945	20.00	ng		0.00
75) Chrysene-d12	18.67	240	214536	20.00	ng		0.00
86) Perylene-d12	20.35	264	160197	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	591946	106.28	ng		0.00
7) Phenol-d6	7.28	99	694782	103.96	ng		-0.01
23) Nitrobenzene-d5	8.64	82	412249	73.78	ng		-0.01
41) 2,4,6-Tribromophenol	13.89	330	106880	91.20	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	764499	76.89	ng		0.00
78) Terphenyl-d14	17.31	244	476059	48.88	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	45995	10.18	ng	#	81
49) Dimethylphthalate	12.24	163	161326	13.73	ng		100
70) Phenanthrene	15.04	178	97454	7.93	ng		97
71) Anthracene	15.04	178	97454	7.76	ng		97
74) Fluoranthene	16.78	202	140248	11.12	ng		95
77) Pyrene	17.08	202	125358	7.81	ng		95
80) Benzo(a)anthracene	18.71	228	59567	4.77	ng		96
82) Chrysene	18.71	228	59567	4.93	ng		98
87) Benzo(b)fluoranthene	19.95	252	81189	8.20	ng	#	93
88) Benzo(k)fluoranthene	19.95	252	81189	8.50	ng		97
89) Benzo(a)pyrene	20.30	252	40619	4.45	ng	#	92
91) Benzo(g,h,i)perylene	22.09	276	19237	2.60	ng		93

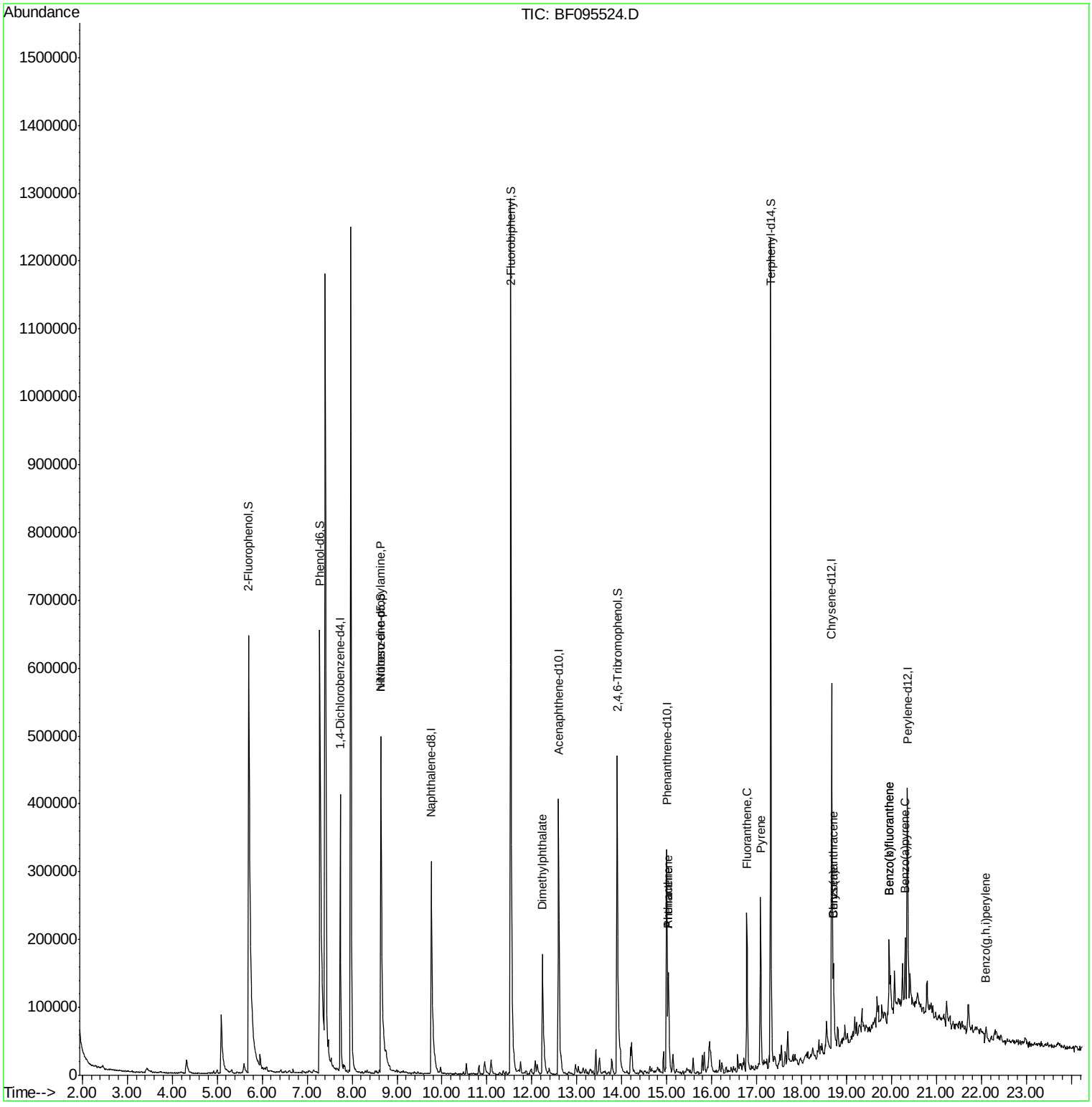
(#) = qualifier out of range (m) = manual integration (+) = signals summed

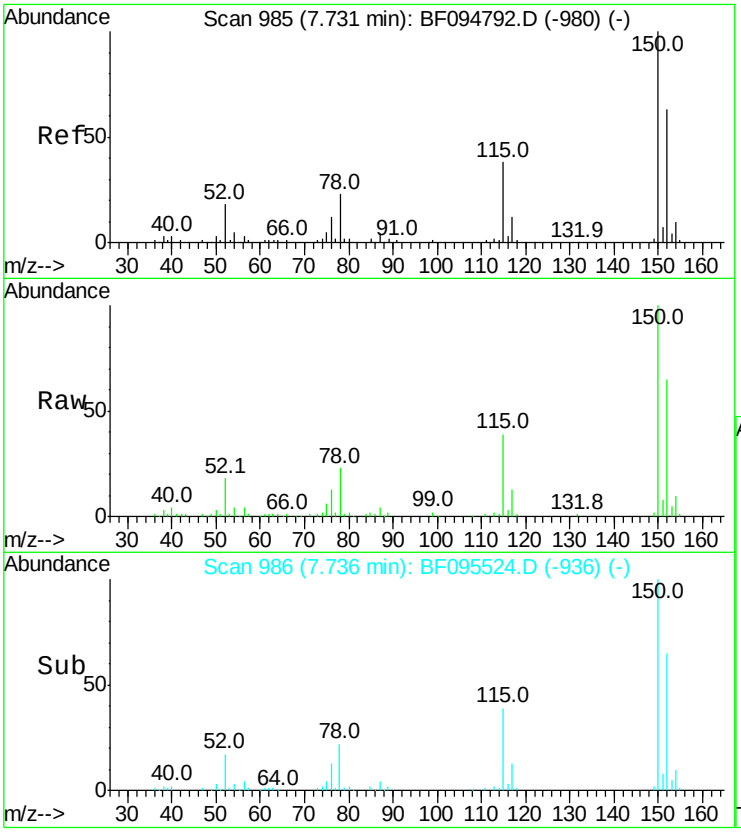
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095524.D
Acq On : 28 May 2017 5:51
Operator : SJ/MA
Sample : I3281-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 29 01:21:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration



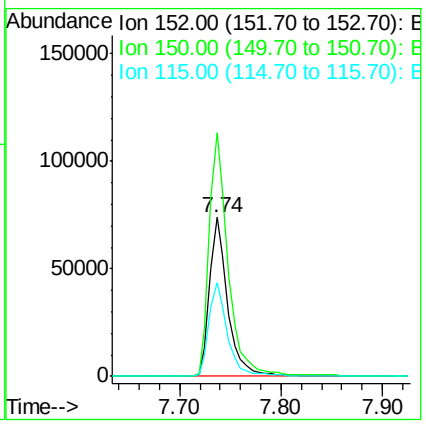


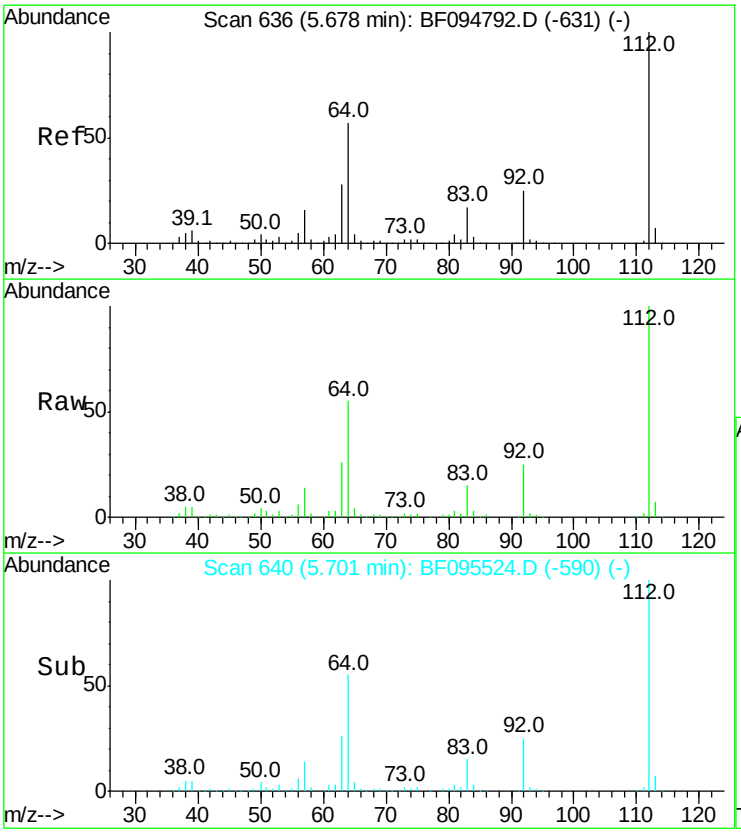
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92861

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	59.4	52.2	78.2

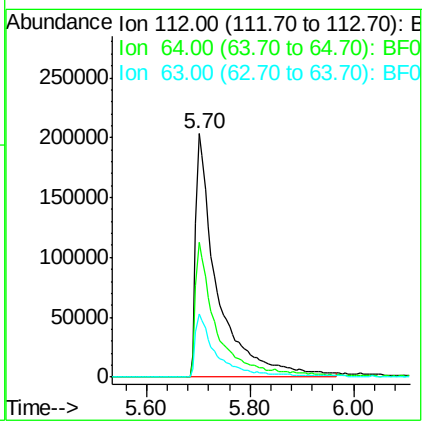


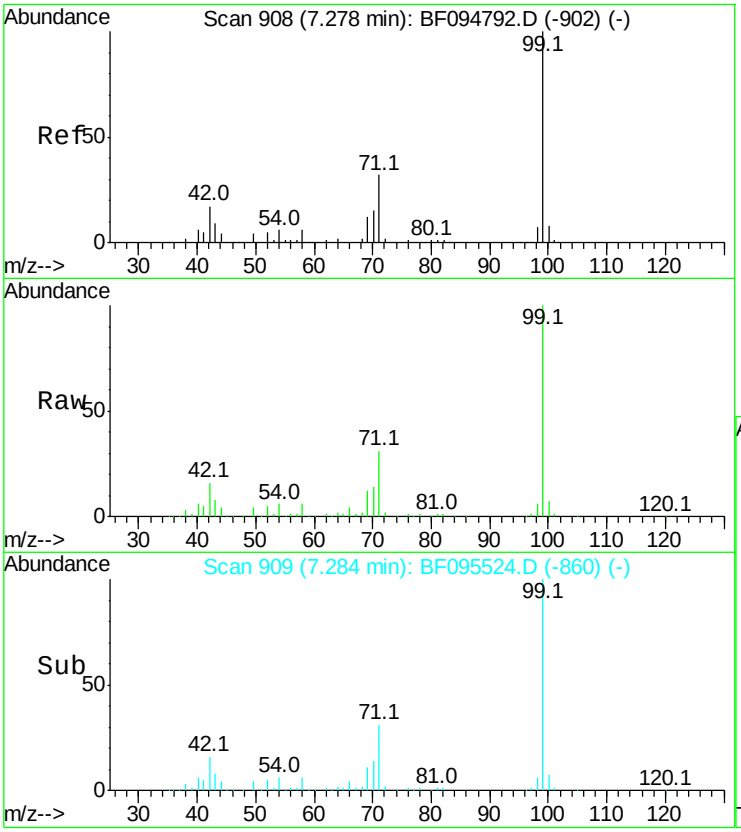


#5
2-Fluorophenol
Concen: 106.28 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:112 Resp: 591946

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	25.8	23.4	35.0



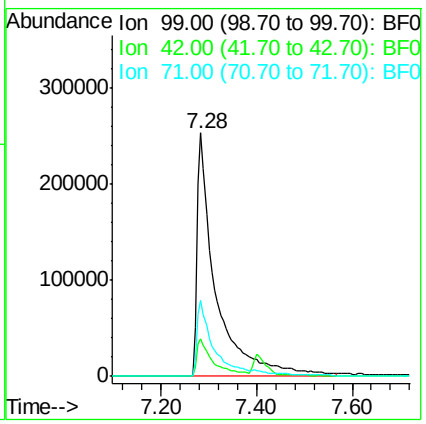


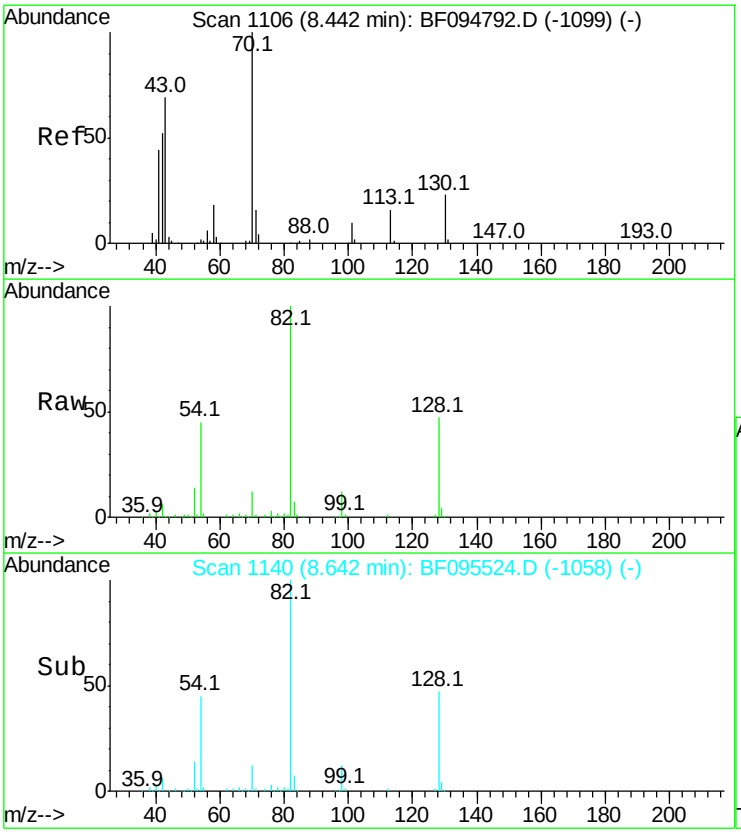
#7
Phenol-d6
Concen: 103.96 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 694782

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.1	24.5	36.7

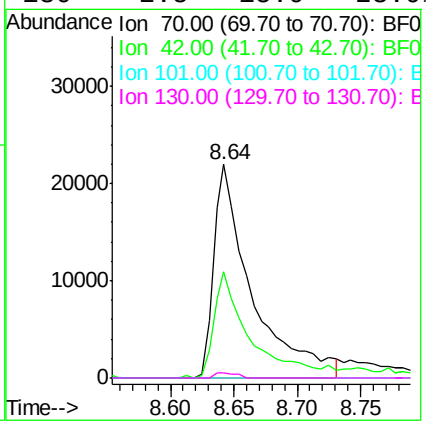


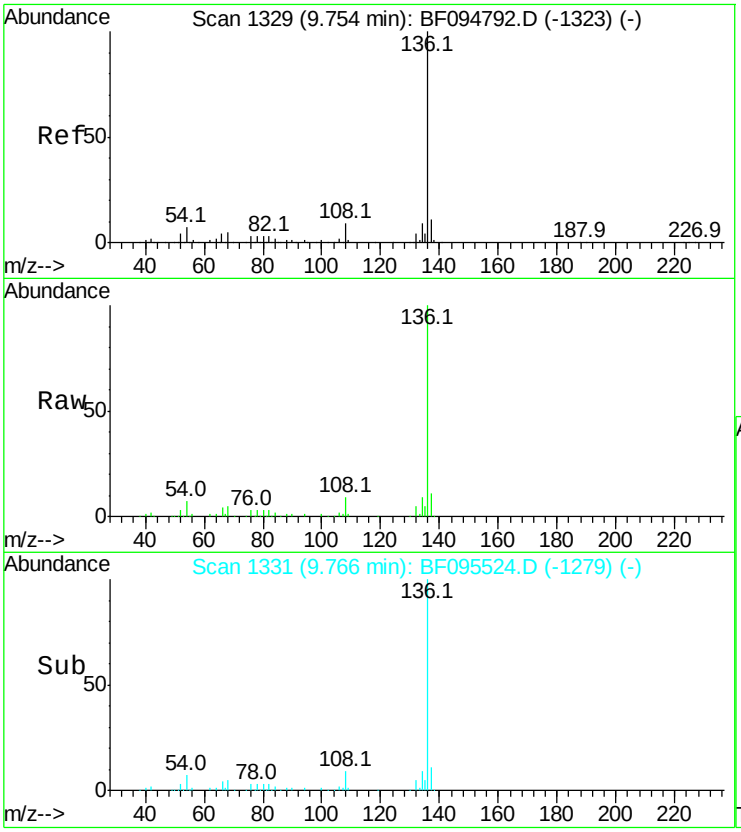


#19
n-Nitroso-di-n-propylamine
Concen: 10.18 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion: 70 Resp: 45995

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#

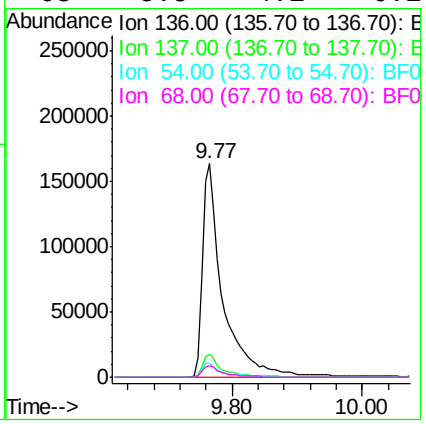




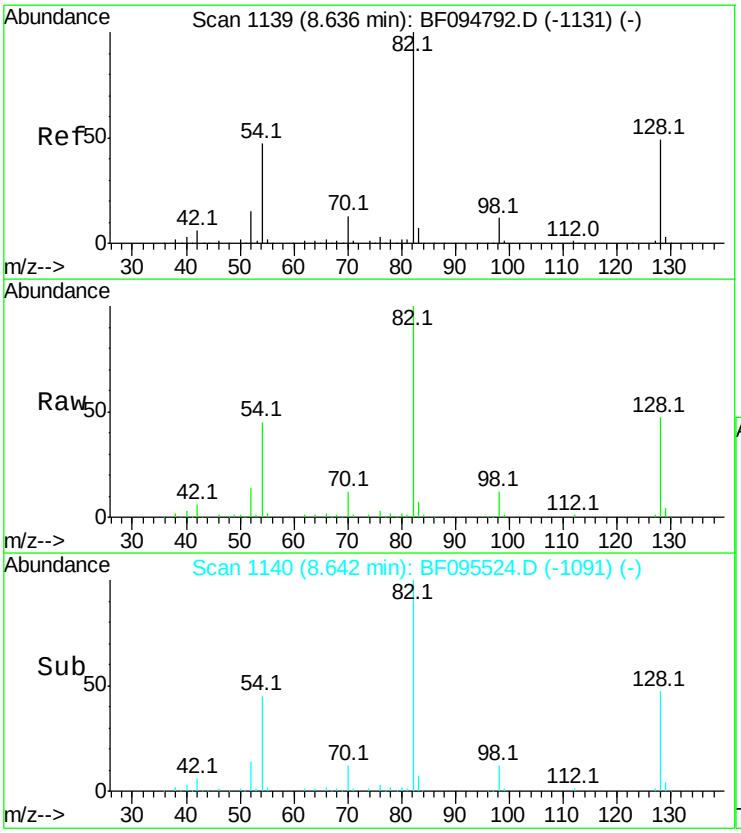
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:136 Resp: 352348

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.5	4.1	6.1



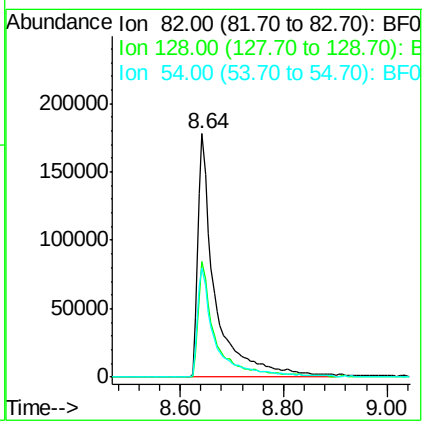
Instrument :
BNA_F
ClientSampleId :

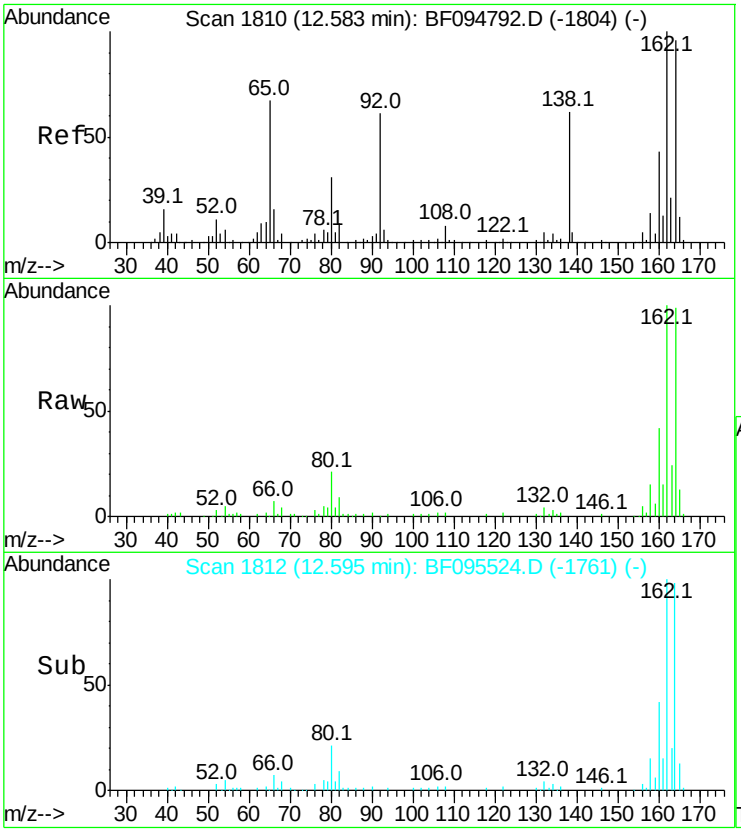


#23
Nitrobenzene-d5
Concen: 73.78 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion: 82 Resp: 412249

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	44.9	42.2	63.2



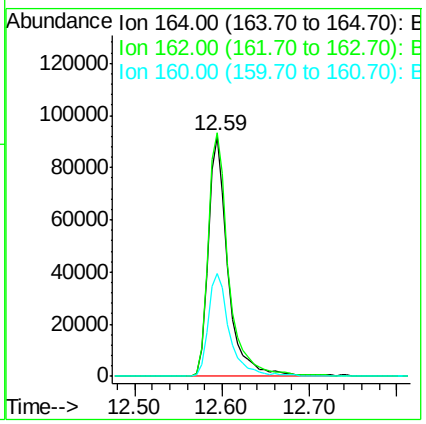


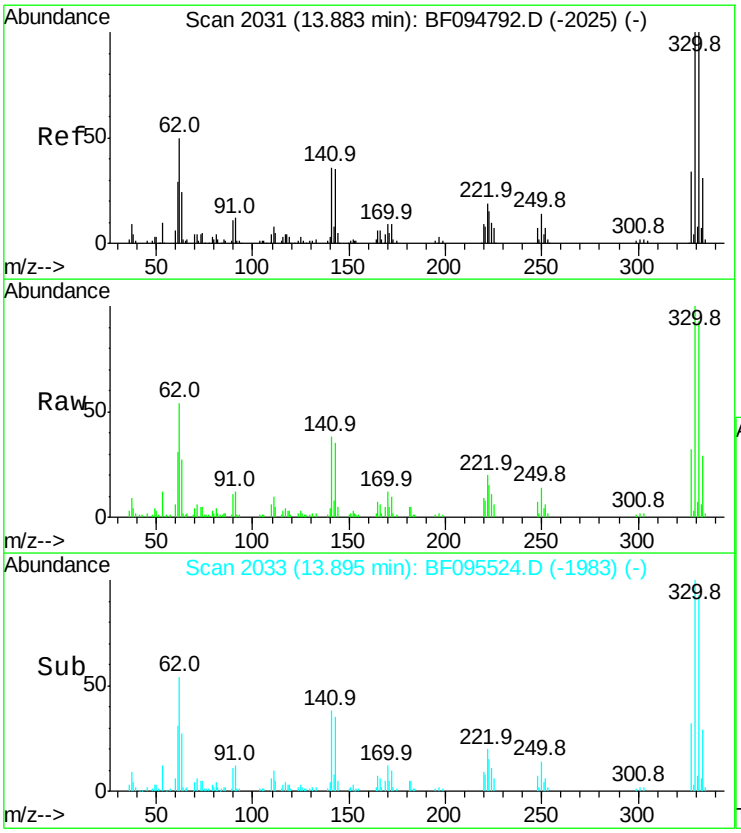
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143103

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	43.1	36.2	54.2

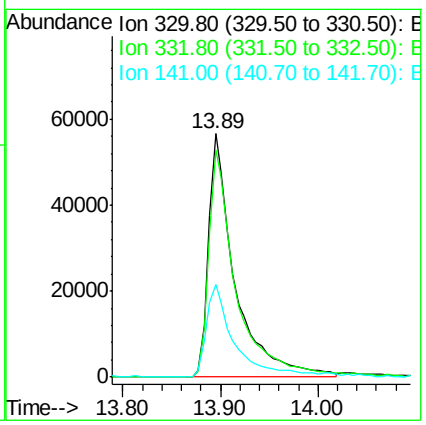


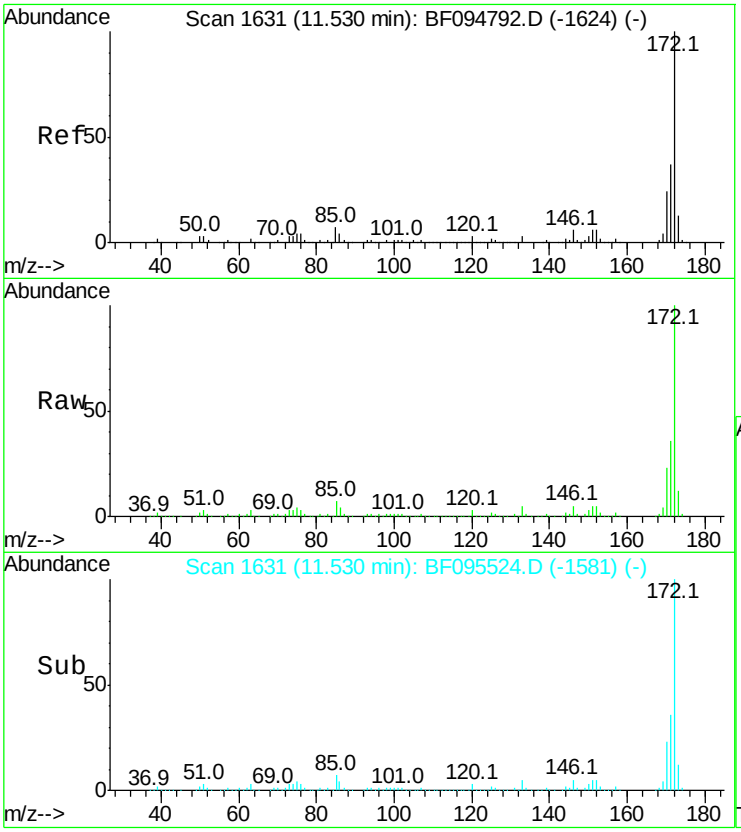


#41
2,4,6-Tribromophenol
Concen: 91.20 ng
RT: 13.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:330 Resp: 106880

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.7	31.4	47.2



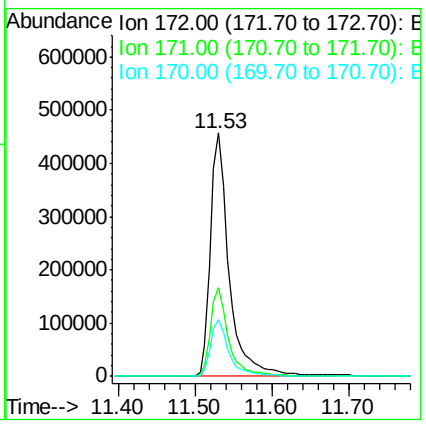


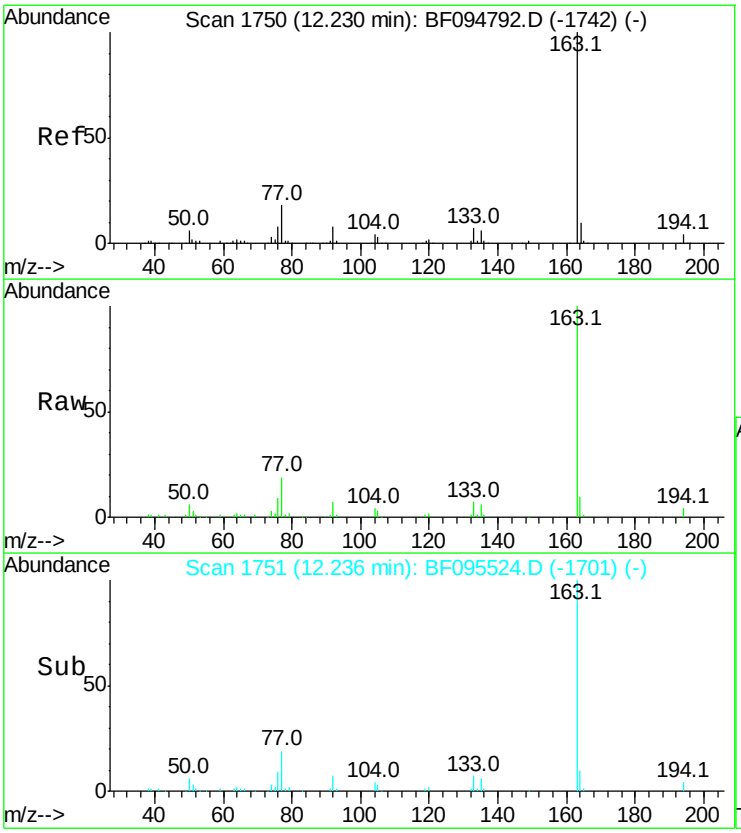
#44
2-Fluorobiphenyl
Concen: 76.89 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 764499

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.8	29.8

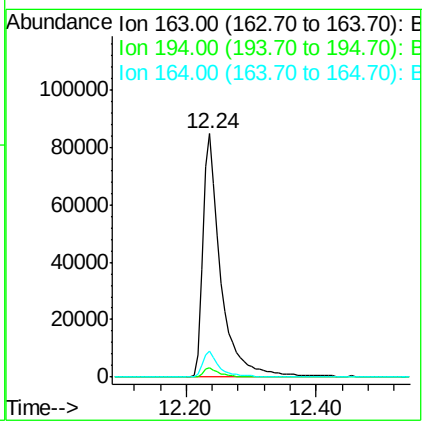


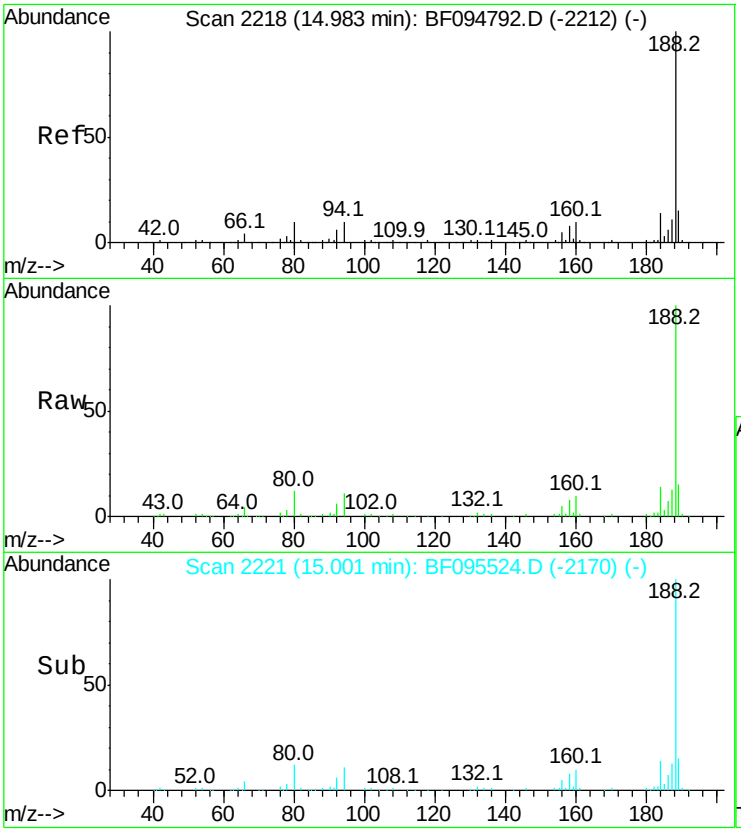


#49
Dimethylphthalate
Concen: 13.73 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:163 Resp: 161326

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.4	8.4	12.6



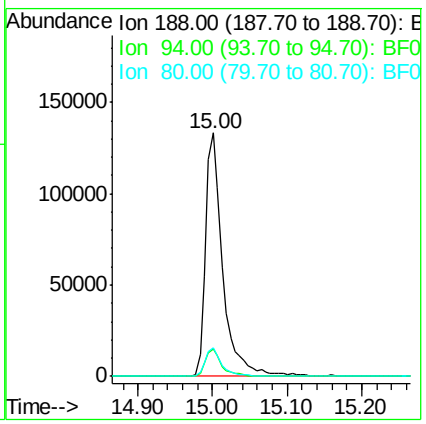


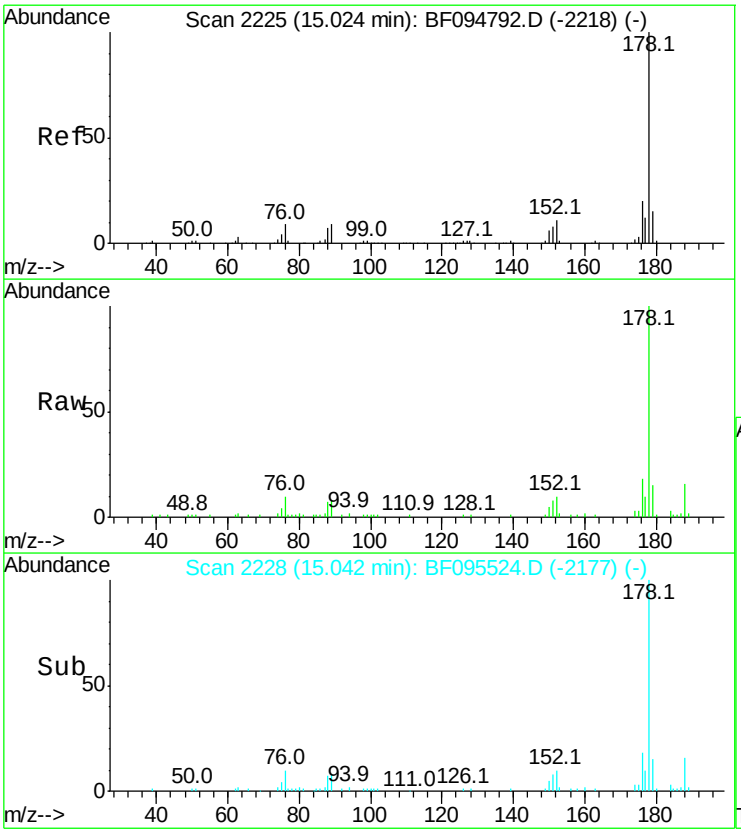
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 213945

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.5	10.2	15.2

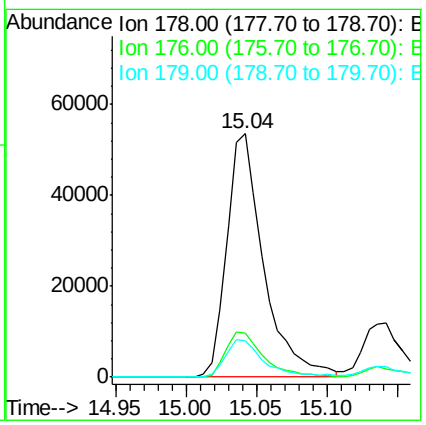


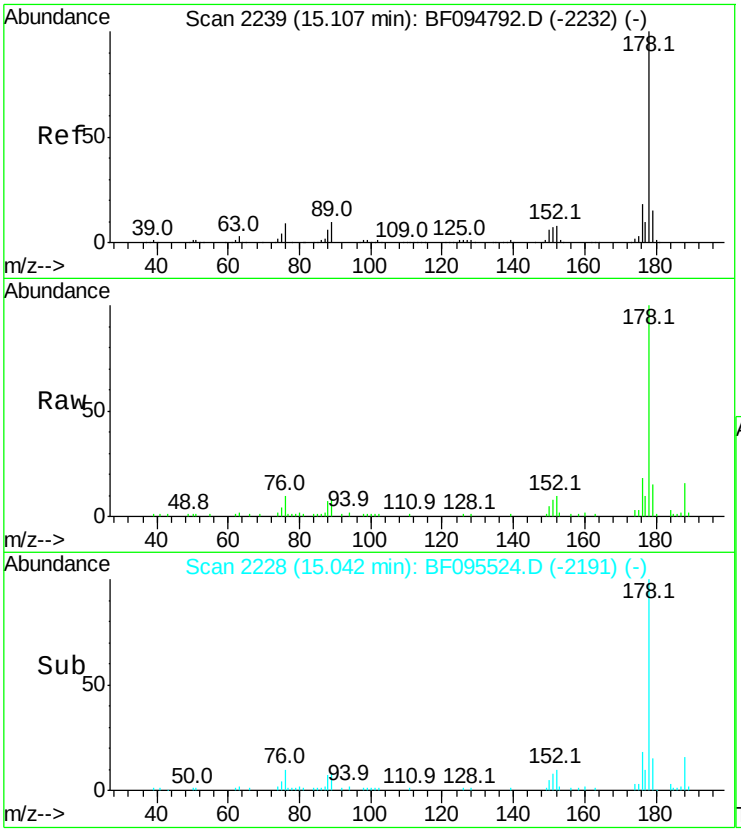


#70
Phenanthrene
Concen: 7.93 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:178 Resp: 97454

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	15.1	12.6	19.0



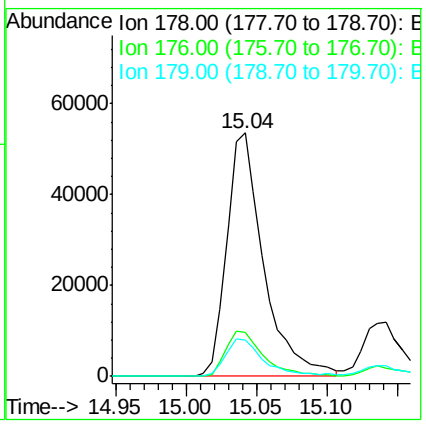


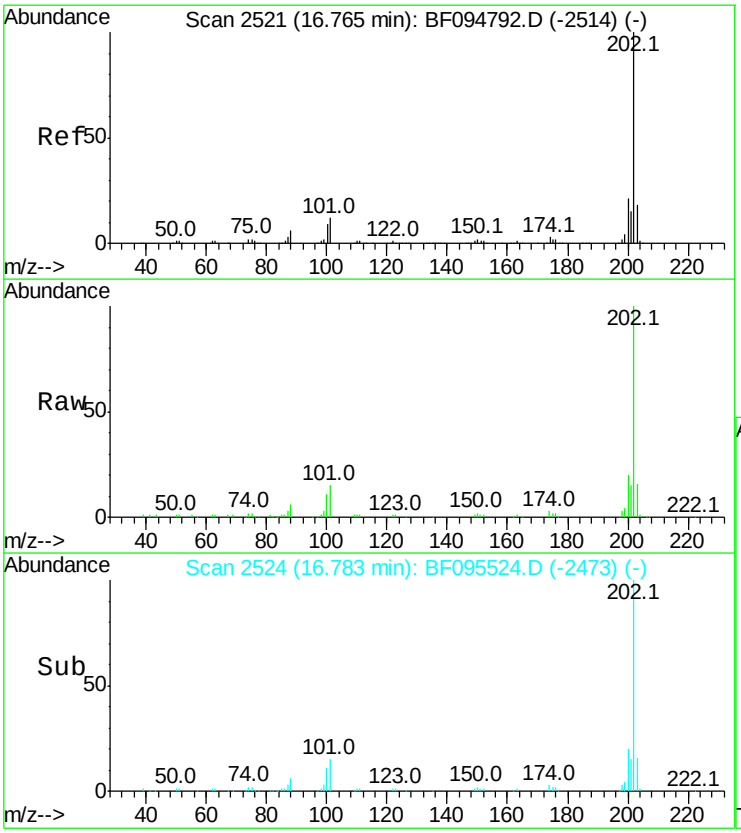
#71
Anthracene
Concen: 7.76 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 97454

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.1	12.7	19.1

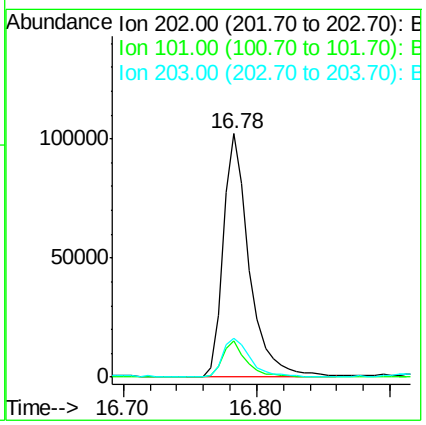


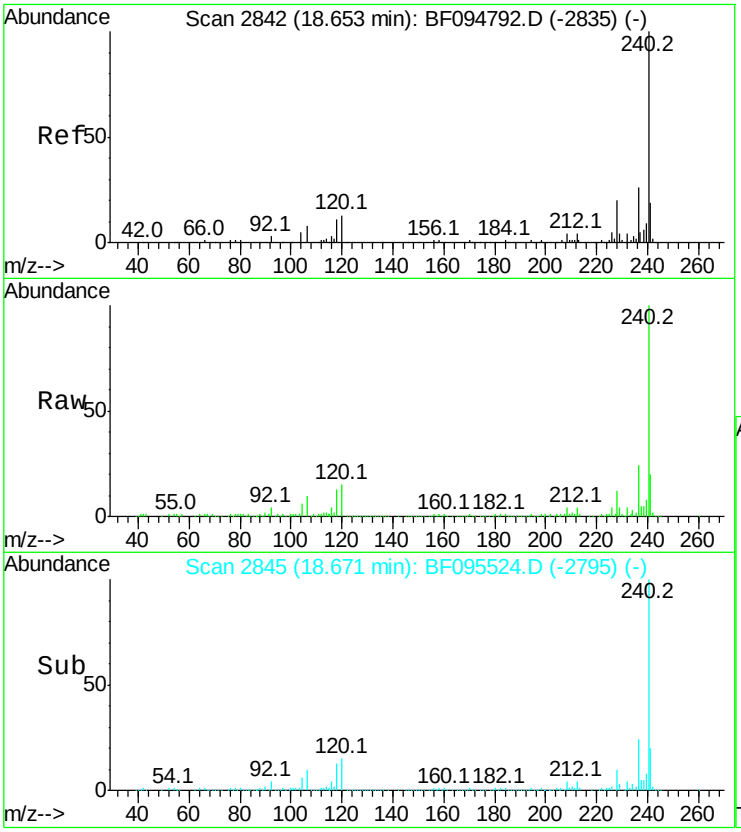


#74
Fluoranthene
Concen: 11.12 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:202 Resp: 140248

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	33.2
203	15.8	0.0	38.1



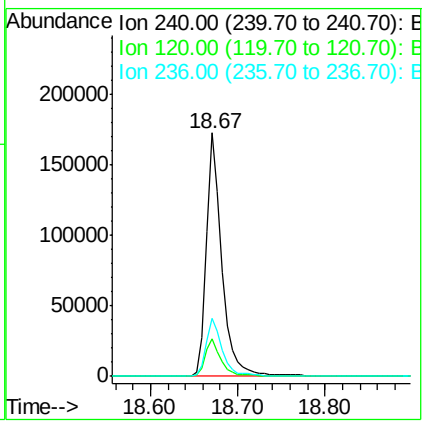


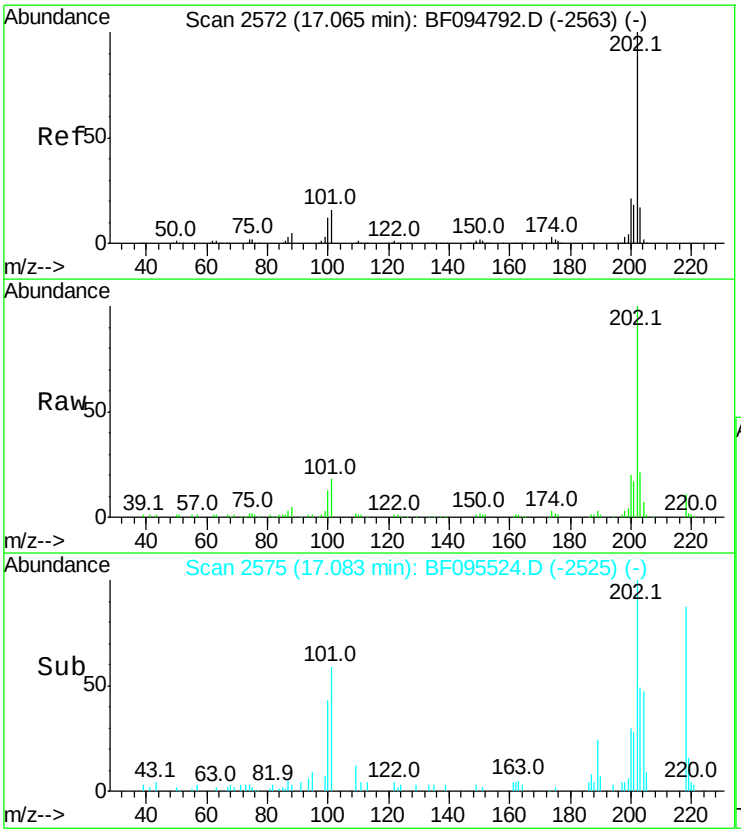
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 214536

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.0	20.5	30.7

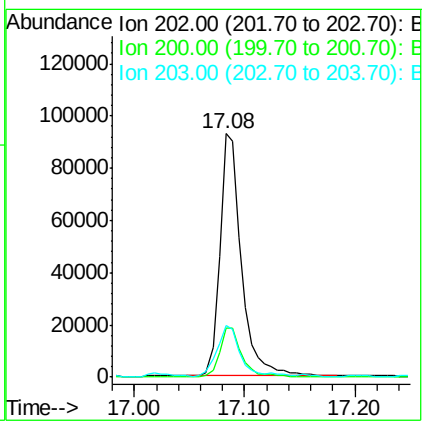


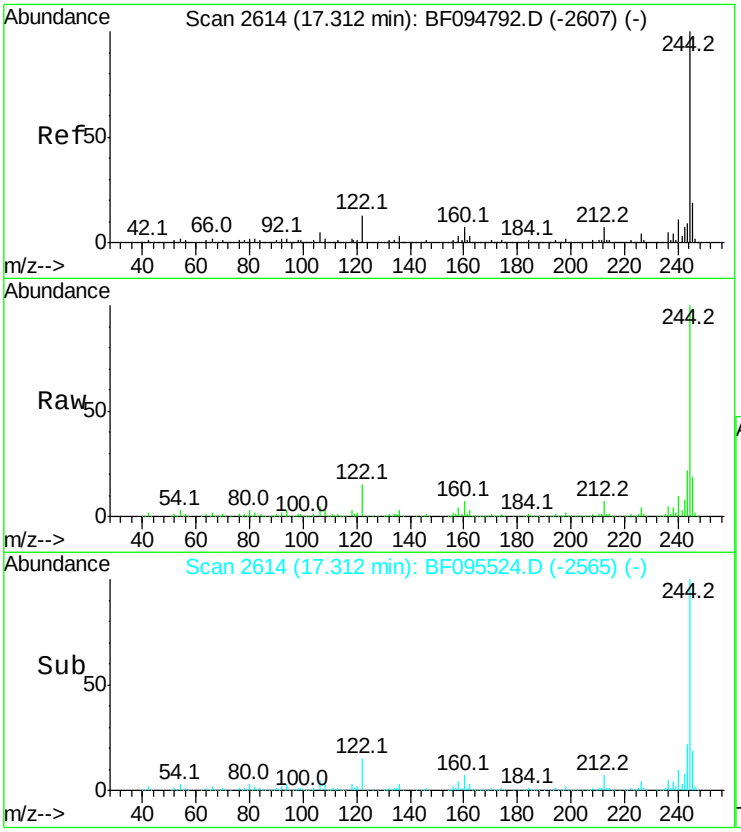


#77
Pyrene
Concen: 7.81 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:202 Resp: 125358

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



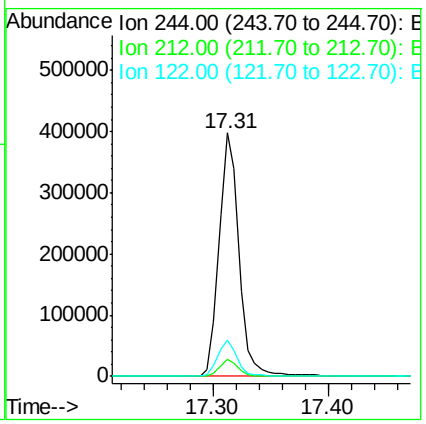


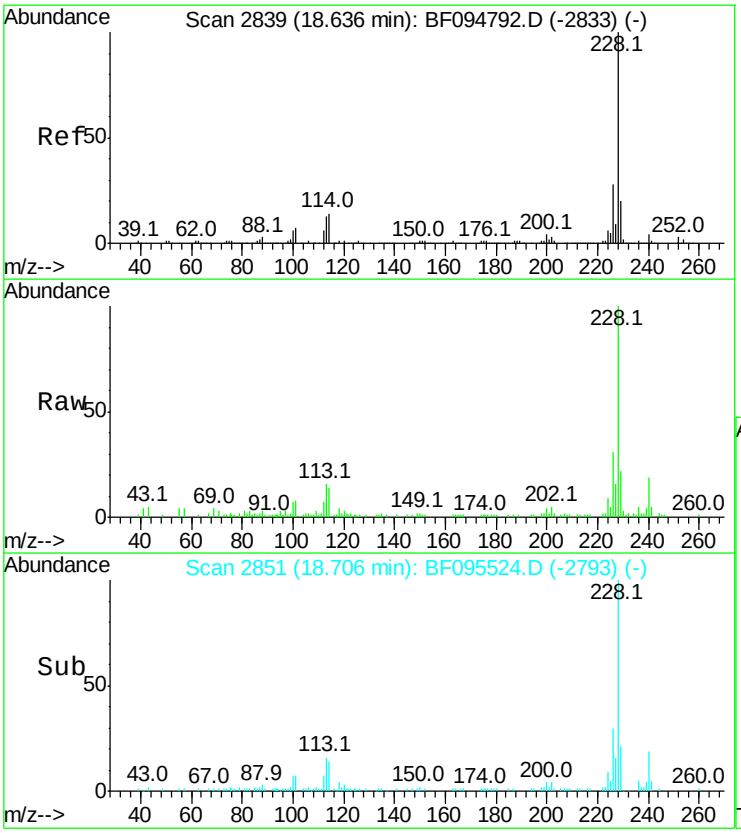
#78
Terphenyl-d14
Concen: 48.88 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 476059

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.8	10.3	15.5

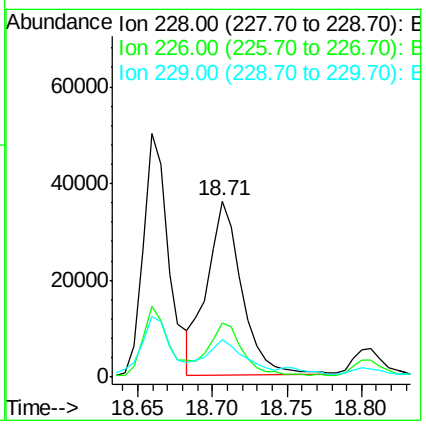


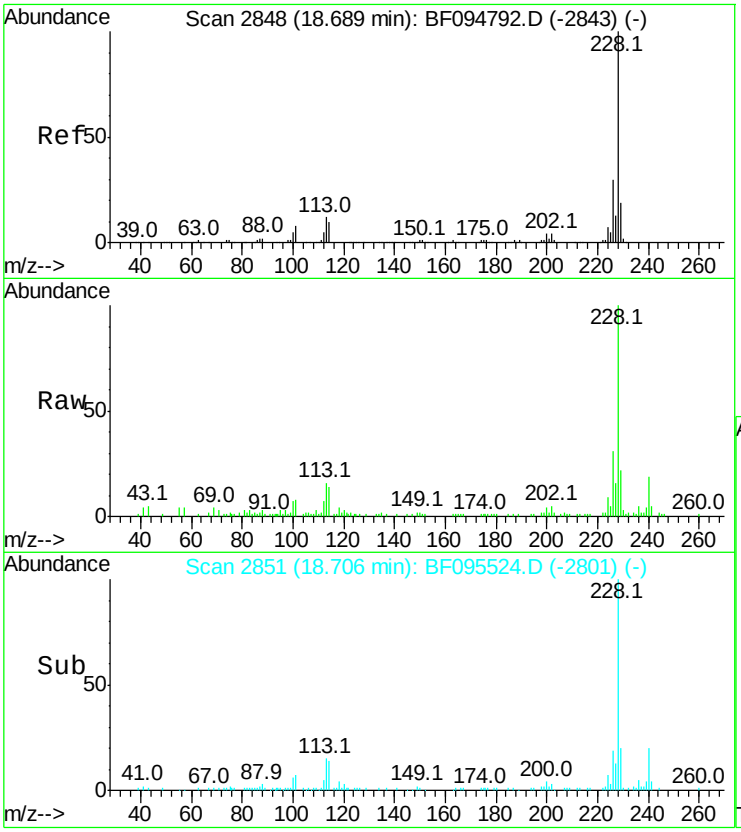


#80
Benzo(a)anthracene
Concen: 4.77 ng
RT: 18.71 min Scan# 2851
Delta R.T. 0.04 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:228 Resp: 59567

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.6	16.3	24.5



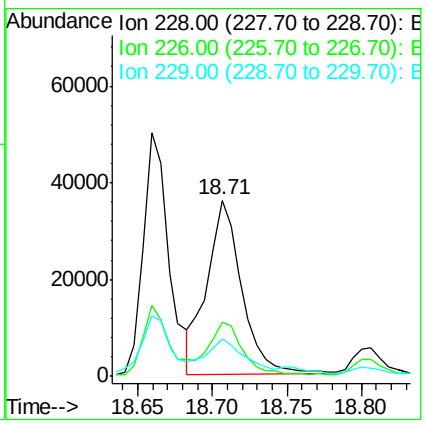


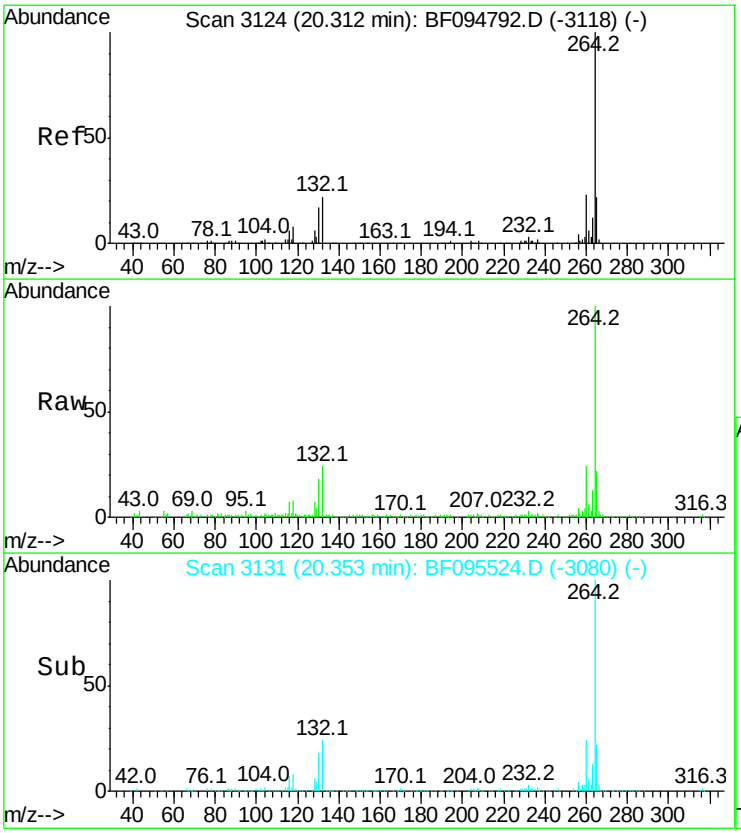
#82
Chrysene
Concen: 4.93 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 59567

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.6	15.8	23.6

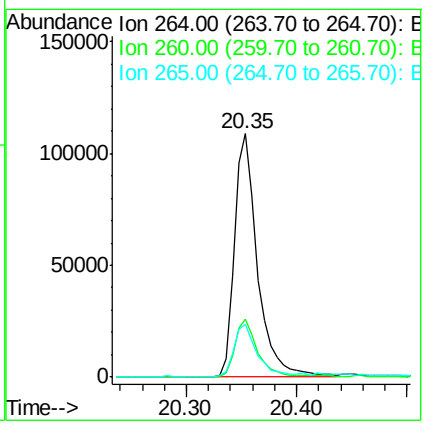


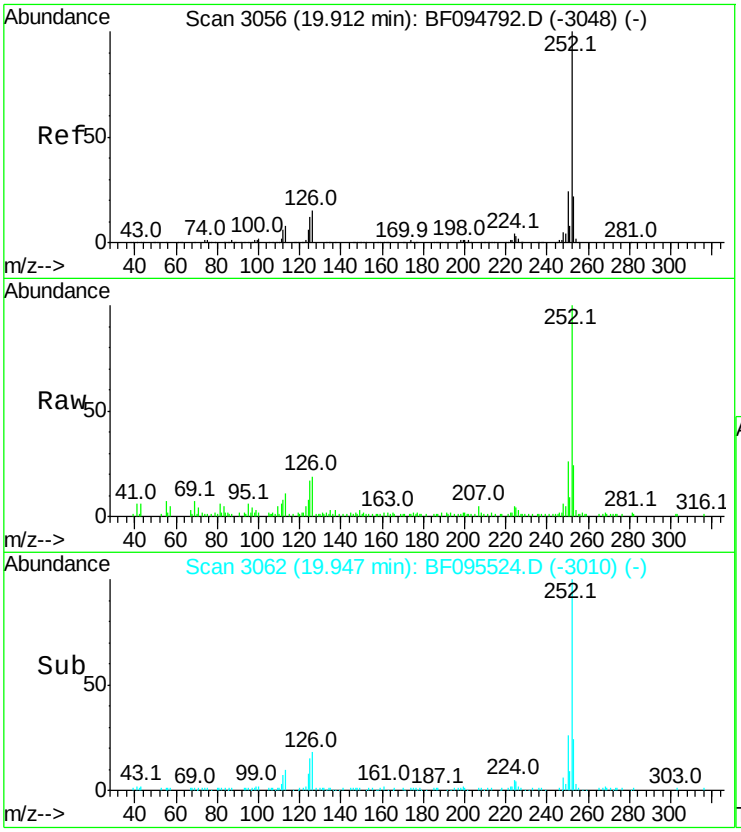


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:264 Resp: 160197

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



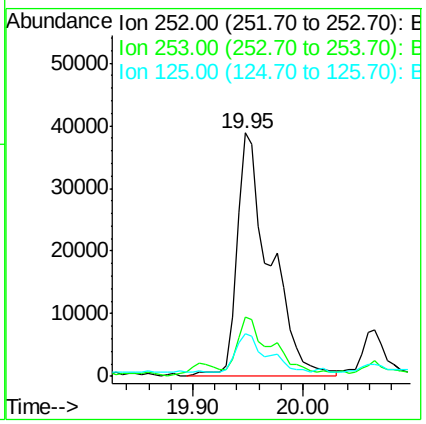


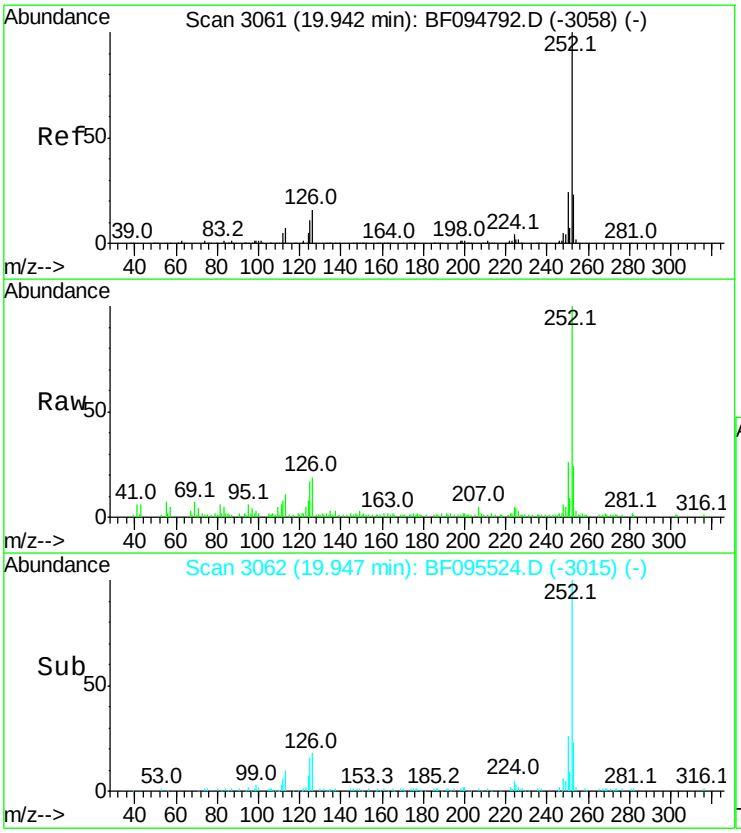
#87
Benzo(b)fluoranthene
Concen: 8.20 ng
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81189

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	17.4	9.8	14.8#

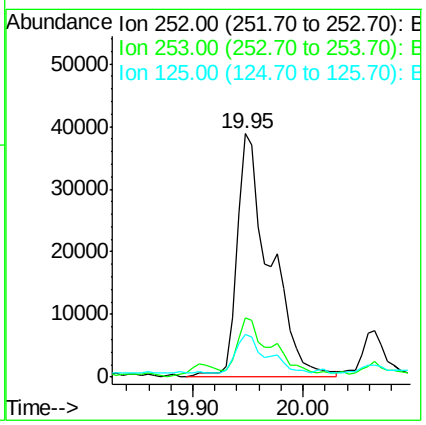


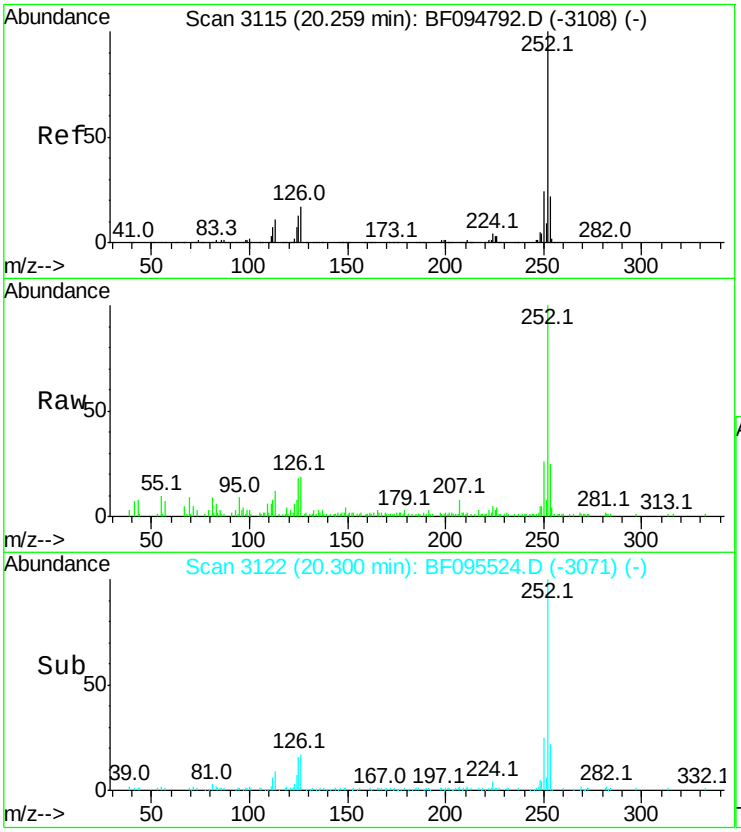


#88
Benzo(k)fluoranthene
Concen: 8.50 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:252 Resp: 81189

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	17.4	13.1	19.7



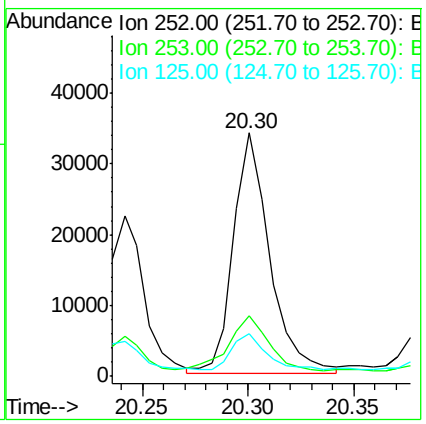


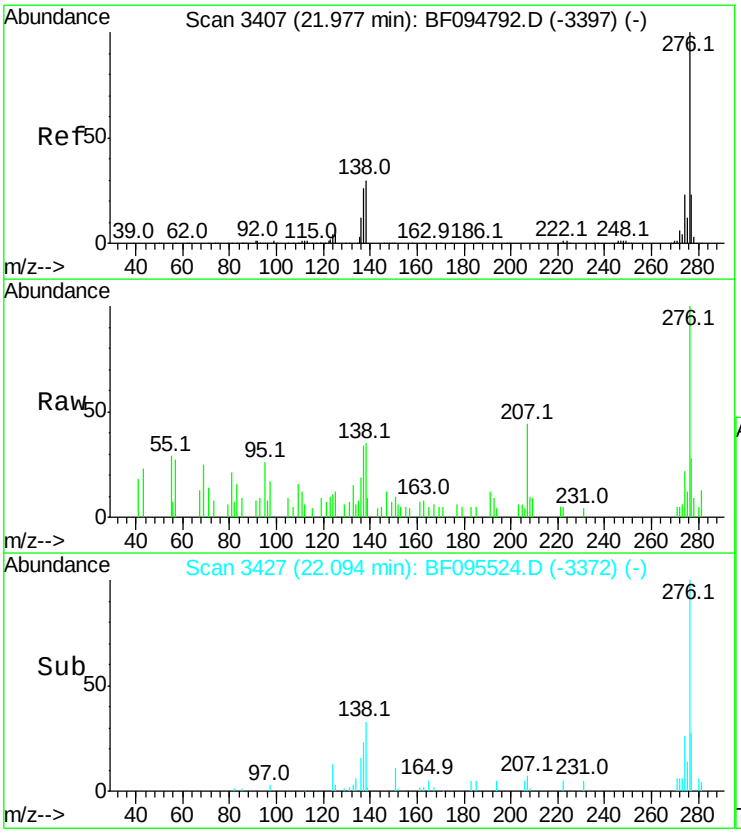
#89
Benzo(a)pyrene
Concen: 4.45 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40619

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	17.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.60 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.02 min
Lab File: BF095524.D
Acq: 28 May 2017 5:51

Tgt Ion:276 Resp: 19237

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	34.9	25.4	38.0