Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095784.D
Acq On : 8 Jun 2017 15:32
Operator : SJ/MA
Sample : I3470-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 08 16:51:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:19:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	66998	20.00	ng		0.00
21) Naphthalene-d8	9.40	136	273869	20.00	ng		0.00
38) Acenaphthene-d10	12.22	164	117442	20.00	ng		0.00
63) Phenanthrene-d10	14.62	188	185583	20.00	ng		0.00
75) Chrysene-d12	18.33	240	144077	20.00	ng		0.00
86) Perylene-d12	20.00	264	123983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	382345	90.94	ng		0.00
7) Phenol-d6	6.93	99	478255	95.01	ng		0.00
23) Nitrobenzene-d5	8.28	82	274537	62.26	ng		-0.01
41) 2,4,6-Tribromophenol	13.52	330	78914	75.95	ng		-0.01
44) 2-Fluorobiphenyl	11.18	172	544599	64.53	ng		0.00
78) Terphenyl-d14	16.99	244	350918	60.45	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.28	70	35104	11.00	ng	#	72
49) Dimethylphthalate	11.87	163	81022	9.09	ng		97
55) 4-Nitrophenol	12.57	139	2185	6.18	ng	#	25
70) Phenanthrene	14.65	178	214673	20.05	ng		97
71) Anthracene	14.65	178	214673	19.20	ng		97
74) Fluoranthene	16.43	202	205509	19.39	ng		99
77) Pyrene	16.73	202	246290	22.91	ng		97
80) Benzo(a)anthracene	18.32	228	95095	11.35	ng		97
82) Chrysene	18.36	228	110862	13.24	ng		96
85) Indeno(1,2,3-cd)pyrene	21.17	276	36658	5.12	ng		94
87) Benzo(b)fluoranthene	19.60	252	123625	15.92	ng	#	96
88) Benzo(k)fluoranthene	19.60	252	123625	16.66	ng		99
89) Benzo(a)pyrene	19.94	252	71500	10.02	ng		96
91) Benzo(g,h,i)perylene	21.51	276	34601	5.61	ng		97

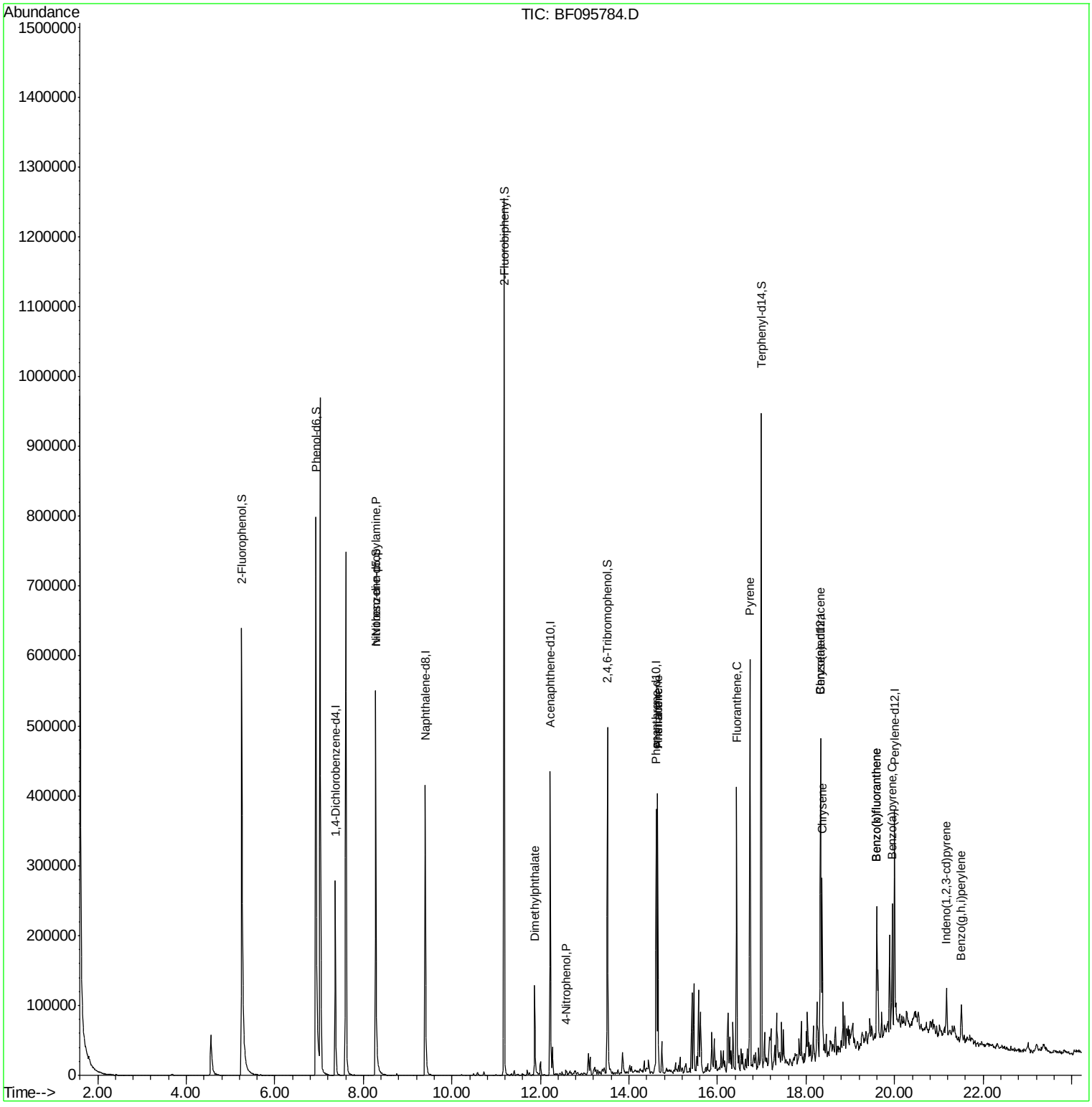
(#) = qualifier out of range (m) = manual integration (+) = signals summed

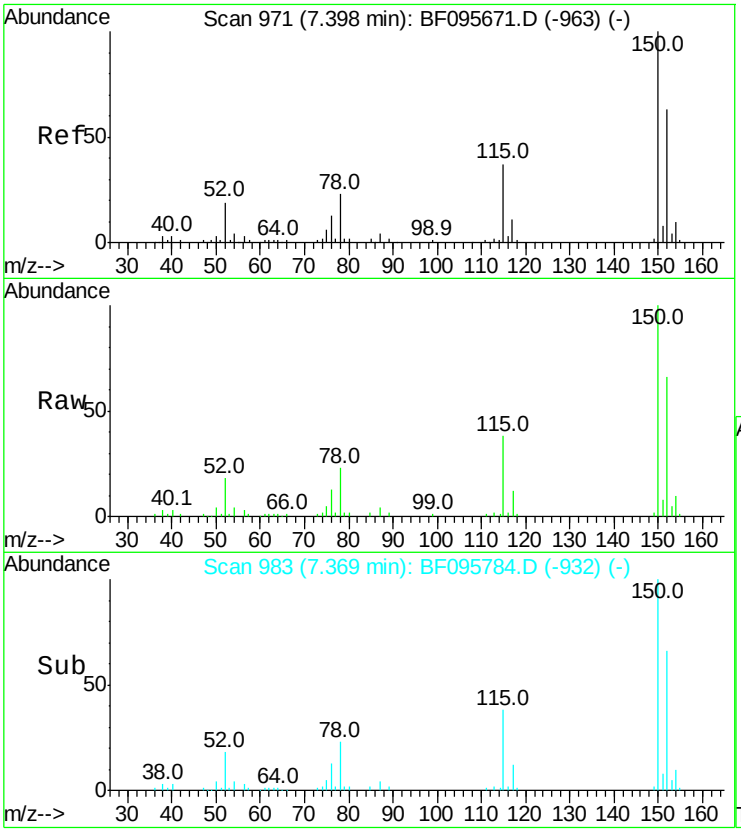
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095784.D
Acq On : 8 Jun 2017 15:32
Operator : SJ/MA
Sample : I3470-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 08 16:51:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:19:45 2017
Response via : Initial Calibration



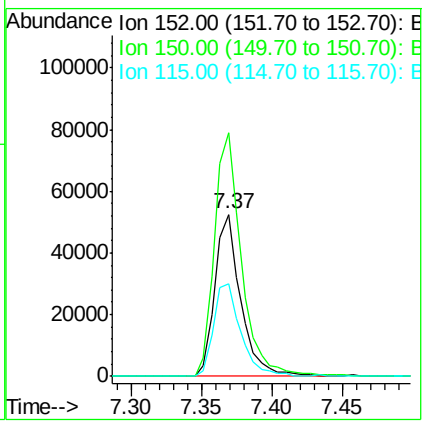


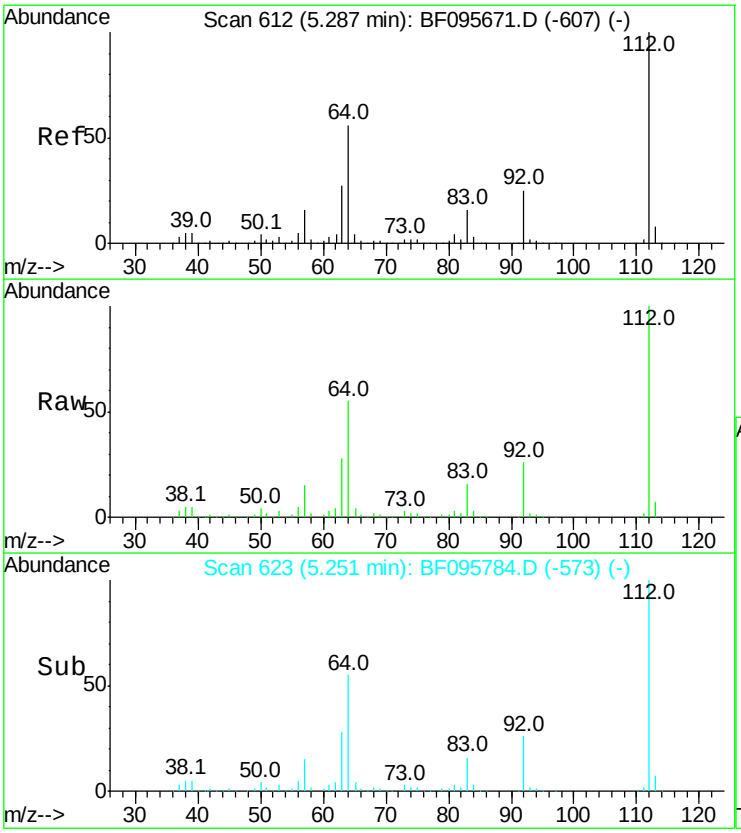
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66998

Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.2	189.2
115	57.2	52.2	78.2

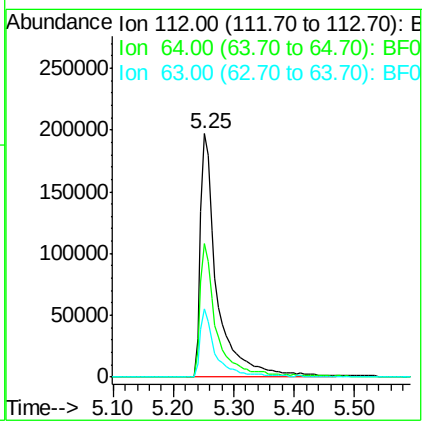


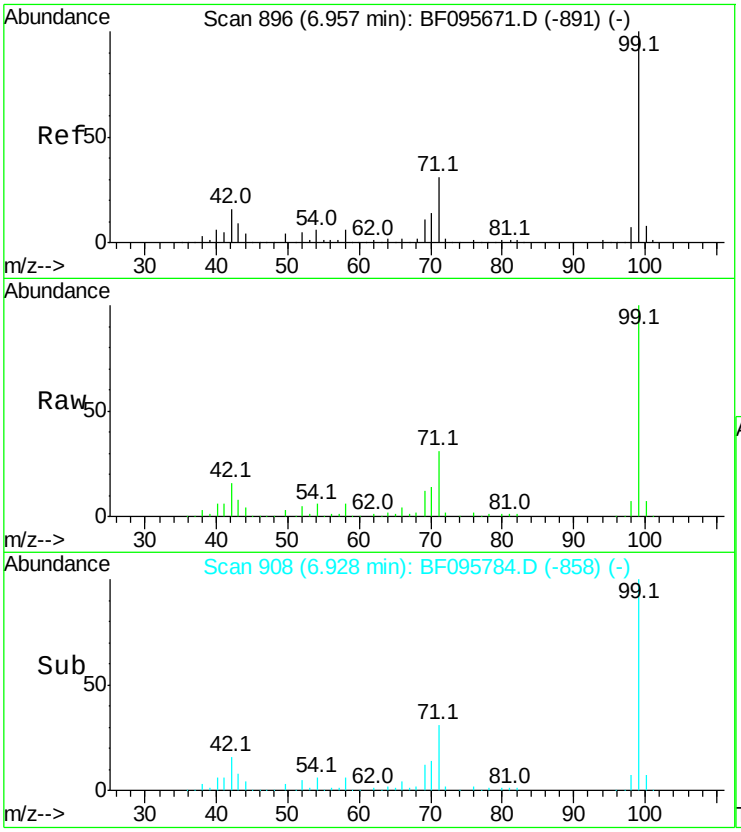


#5
2-Fluorophenol
Concen: 90.94 ng
RT: 5.25 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:112 Resp: 382345

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	28.0	23.4	35.0



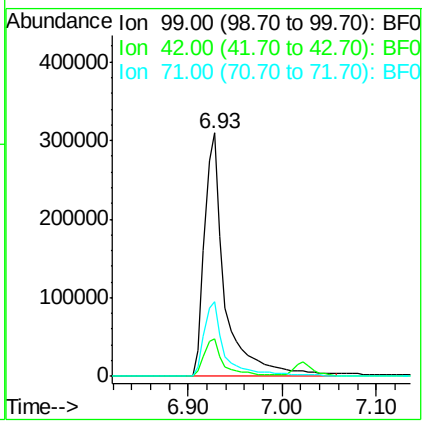


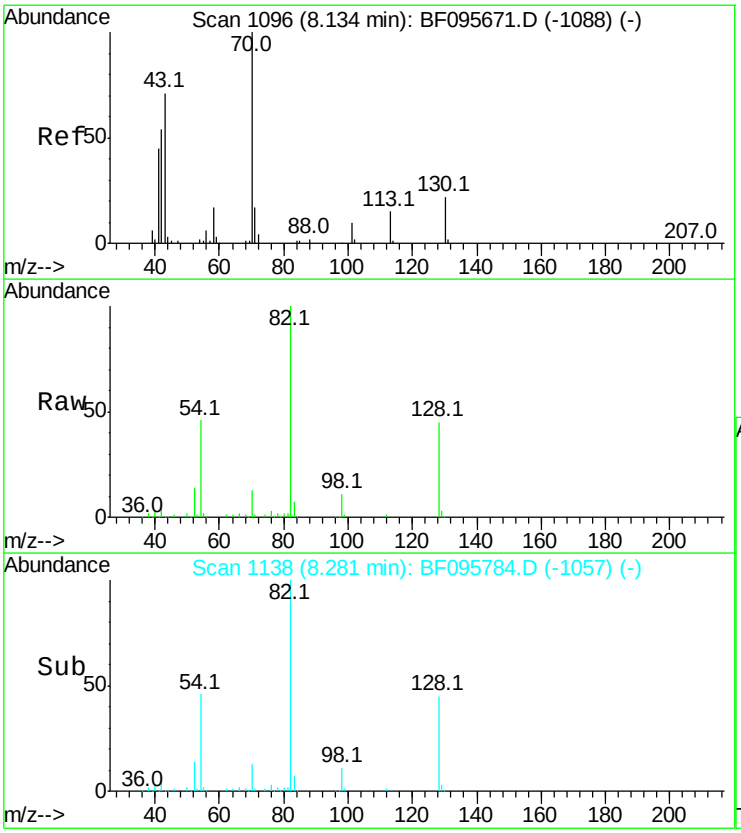
#7
Phenol-d6
Concen: 95.01 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 478255

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	30.6	24.5	36.7

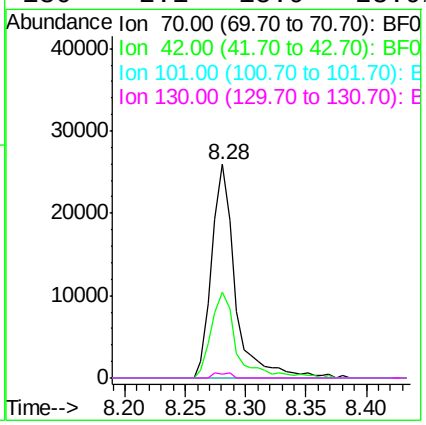


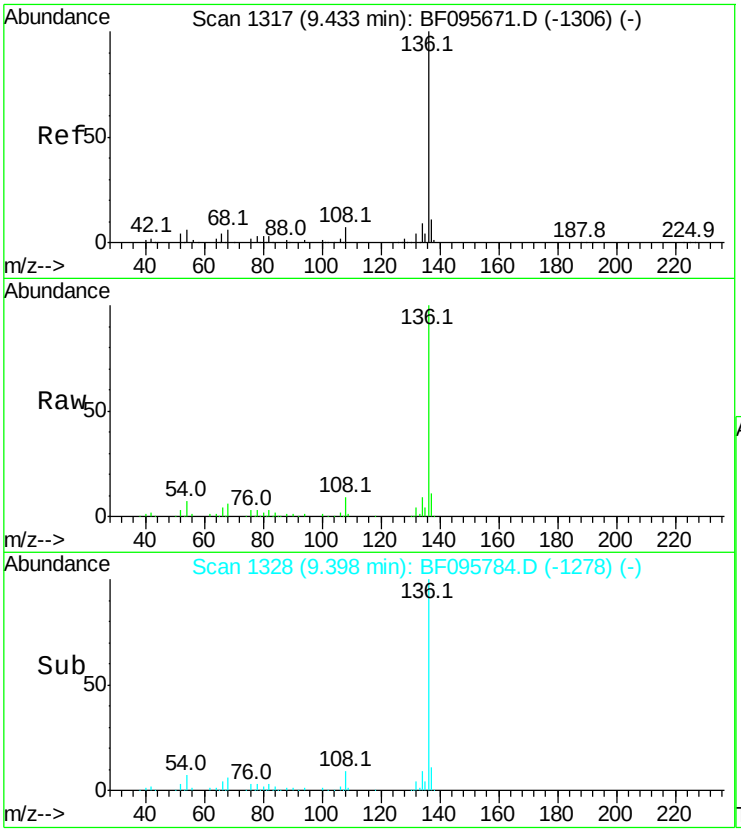


#19
n-Nitroso-di-n-propylamine
Concen: 11.00 ng
RT: 8.28 min Scan# 1138
Delta R.T. 0.18 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion: 70 Resp: 35104

Ion	Ratio	Lower	Upper
70	100		
42	40.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



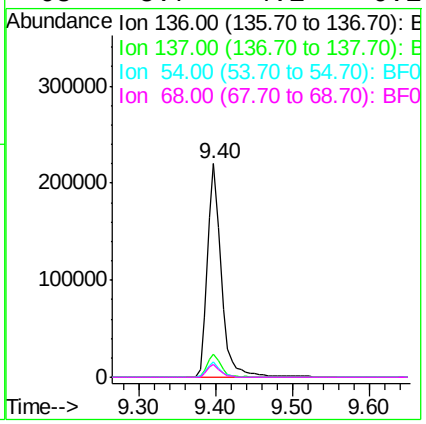


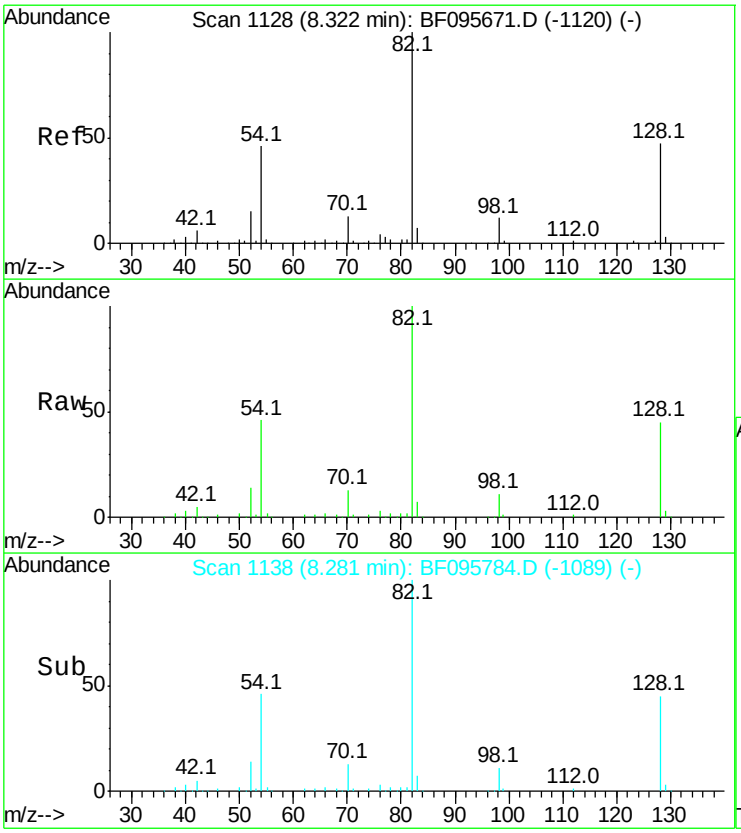
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 273869

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1

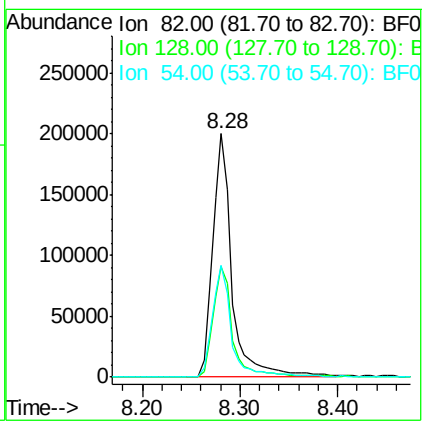


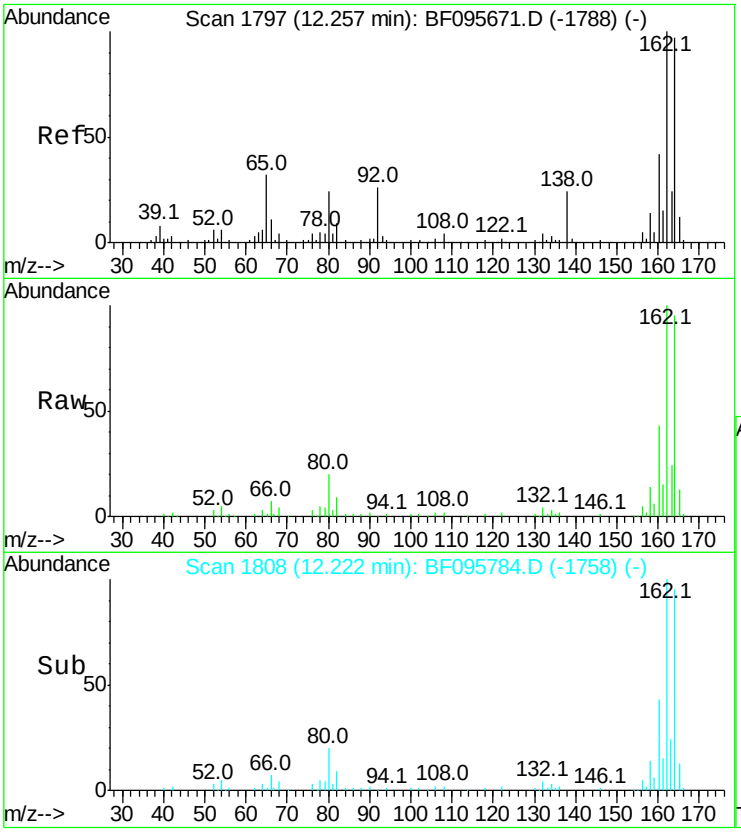


#23
Nitrobenzene-d5
Concen: 62.26 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion: 82 Resp: 274537

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	45.9	42.2	63.2



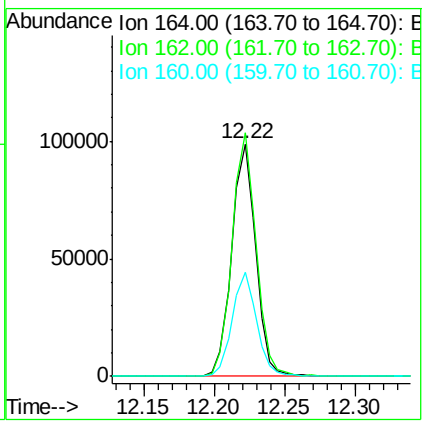


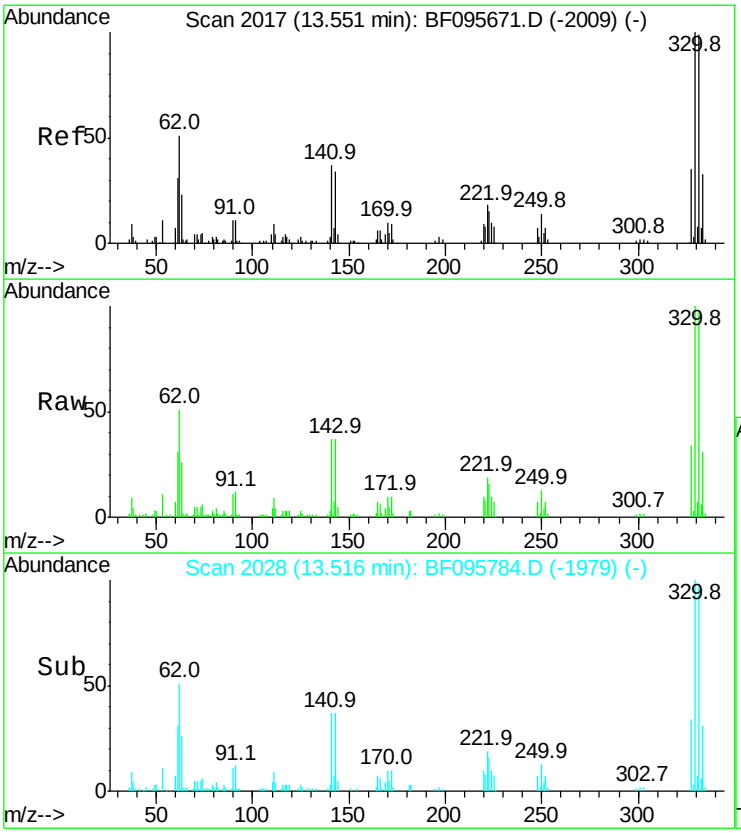
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 117442

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	44.9	36.2	54.2

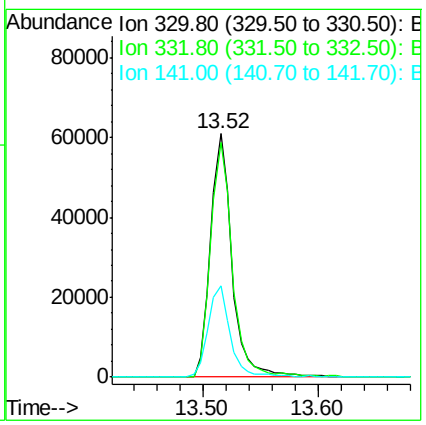


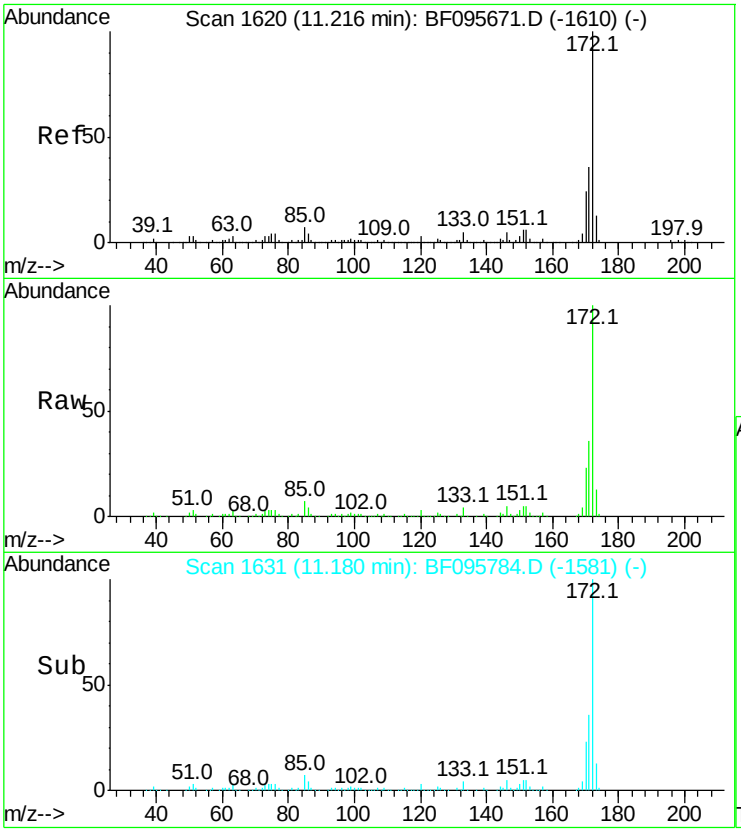


#41
2,4,6-Tribromophenol
Concen: 75.95 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:330 Resp: 78914

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	38.5	31.4	47.2



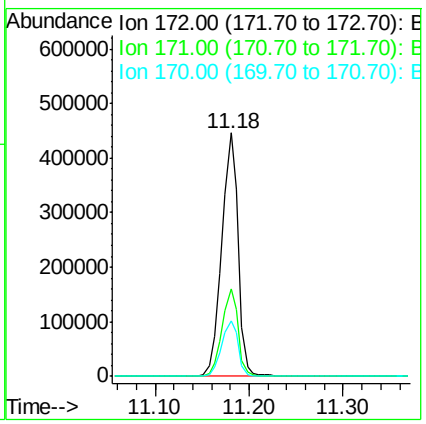


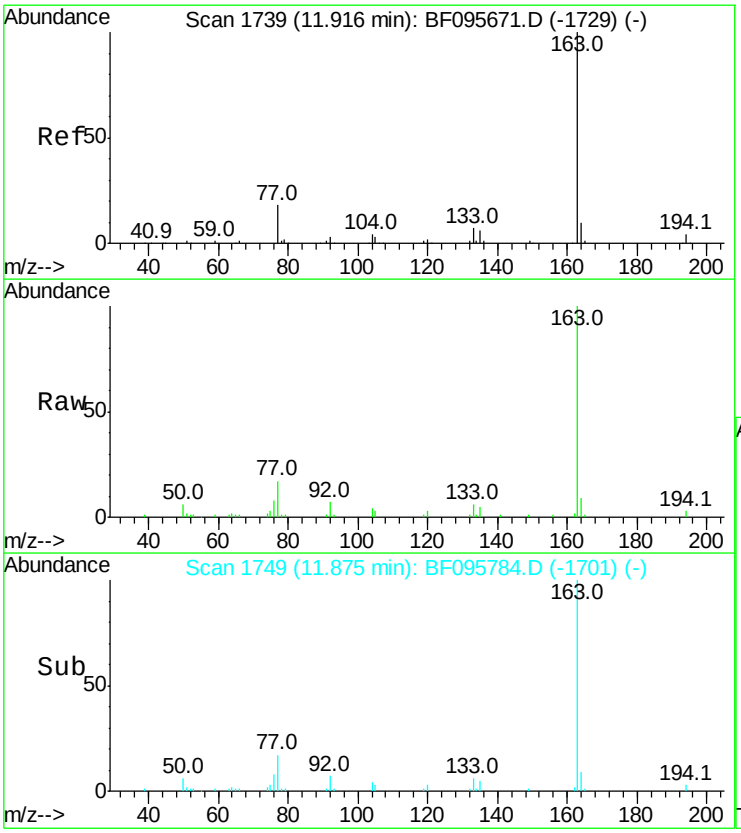
#44
2-Fluorobiphenyl
Concen: 64.53 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 544599

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.0	19.8	29.8

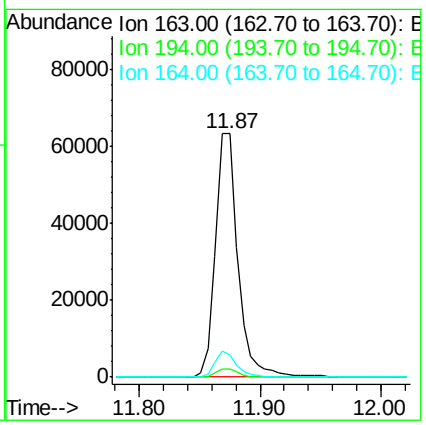


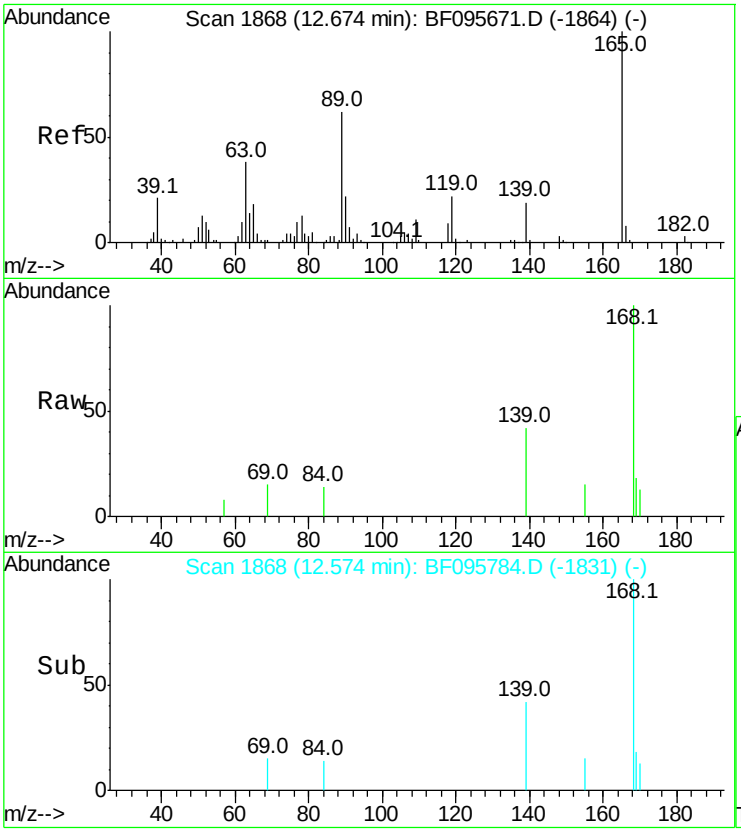


#49
Dimethylphthalate
Concen: 9.09 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:163 Resp: 81022

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	8.9	8.4	12.6



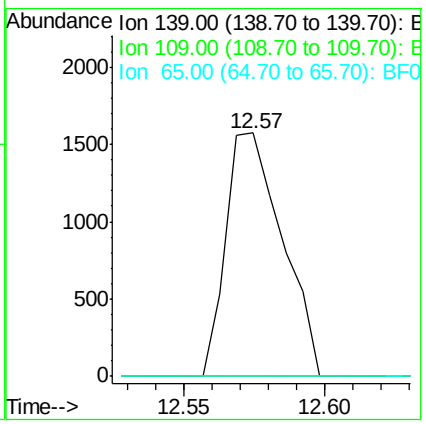


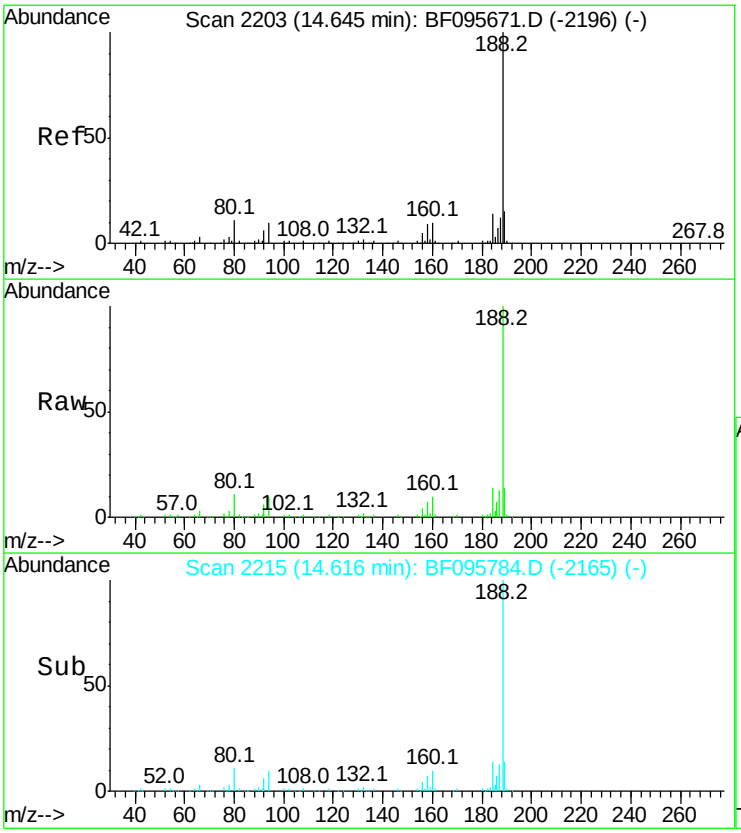
#55
4-Nitrophenol
Concen: 6.18 ng
RT: 12.57 min Scan# 1868
Delta R.T. -0.08 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2185

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

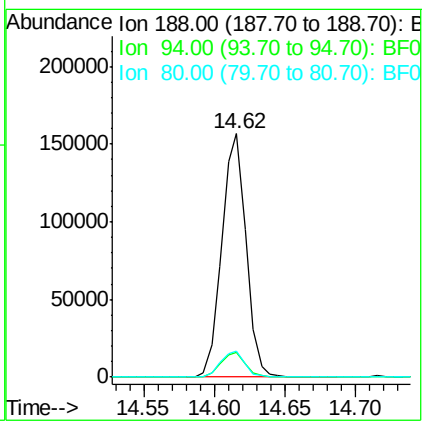


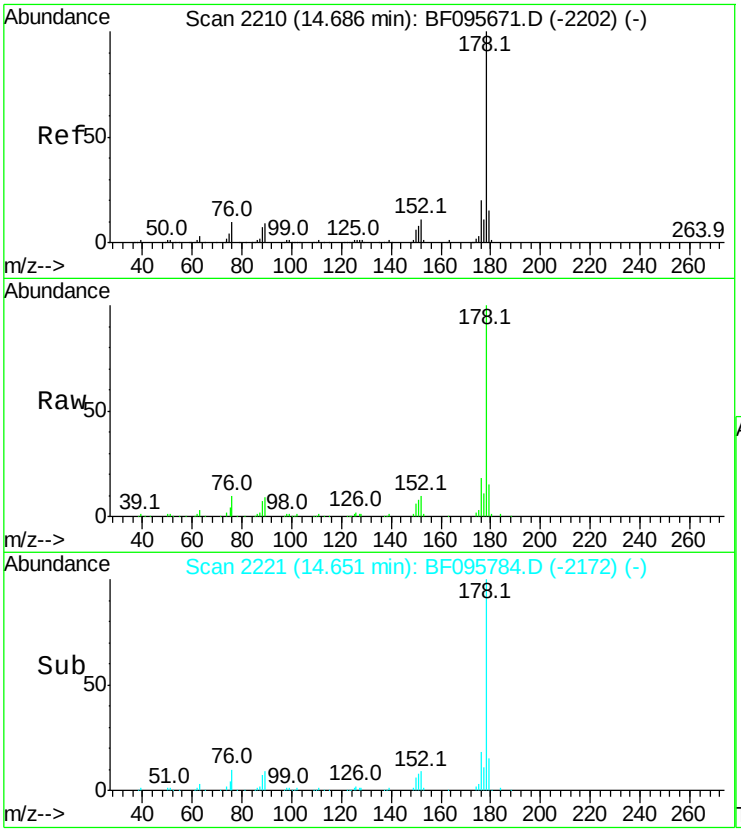


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:188 Resp: 185583

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2



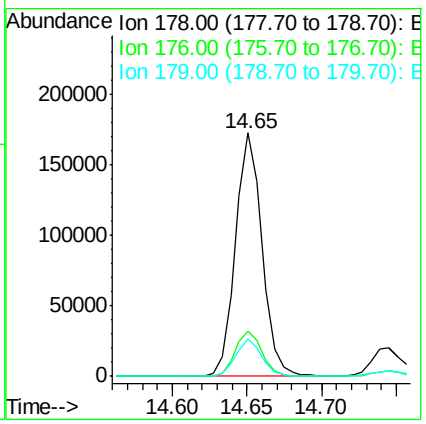


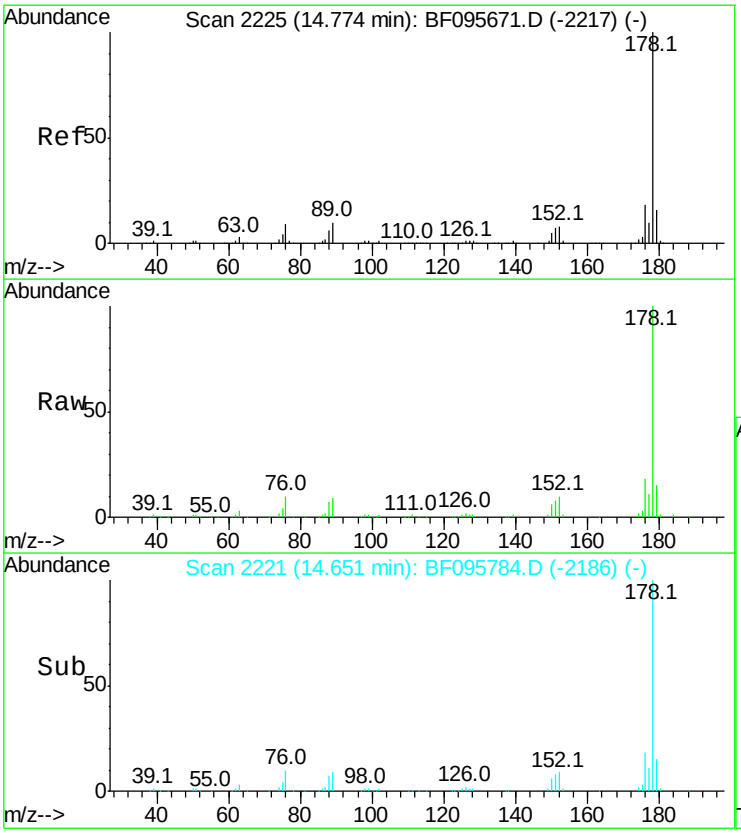
#70
Phenanthrene
Concen: 20.05 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 214673

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.2	12.6	19.0

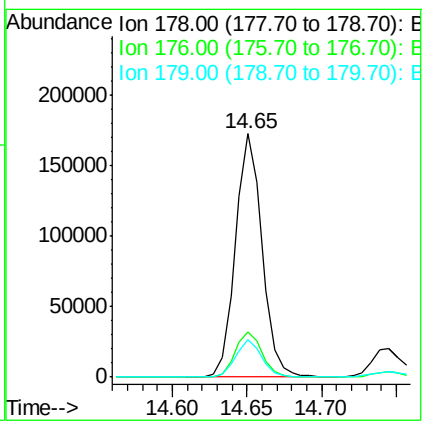


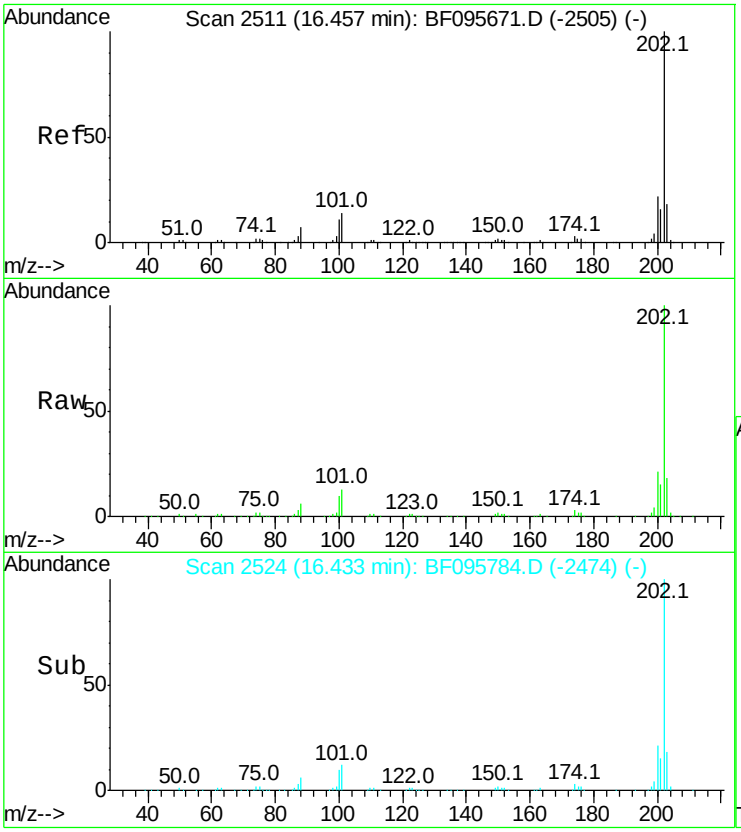


#71
Anthracene
Concen: 19.20 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.09 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:178 Resp: 214673

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.2	12.7	19.1



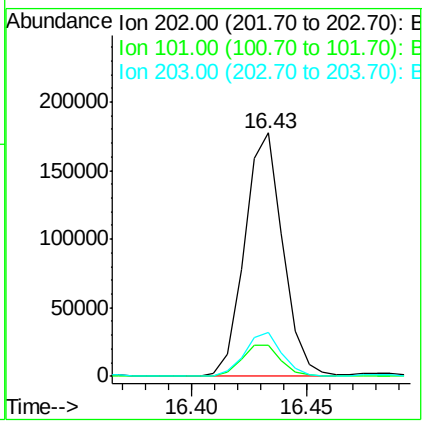


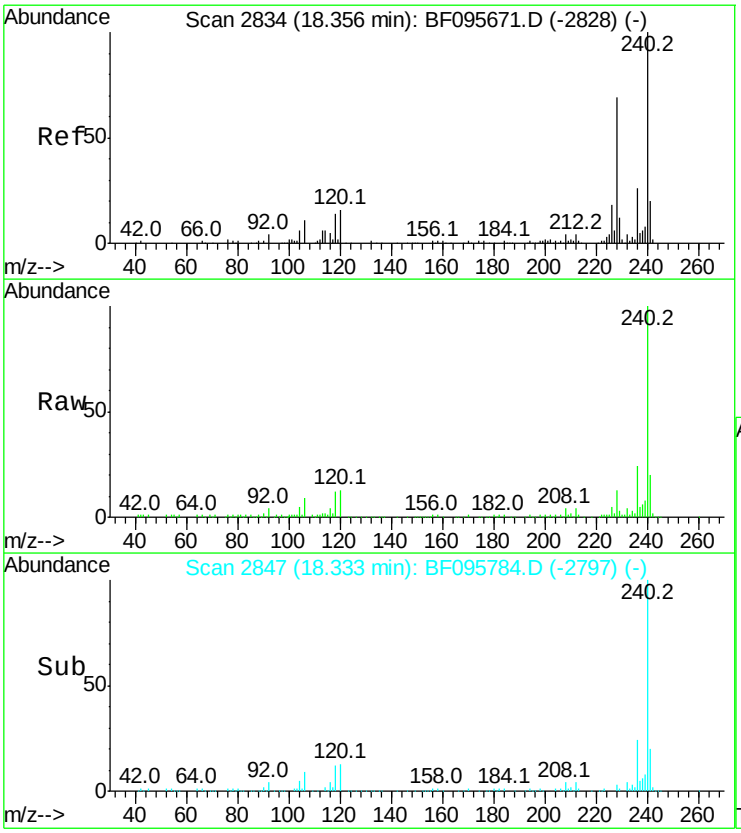
#74
Fluoranthene
Concen: 19.39 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 205509

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	18.2	0.0	38.1

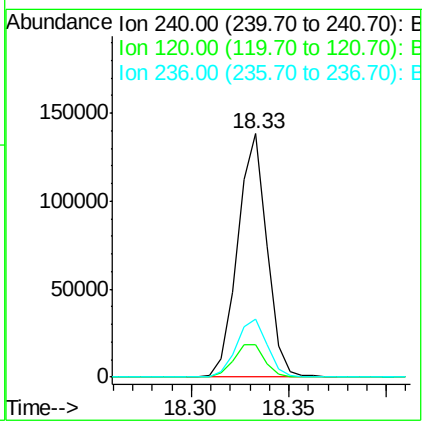


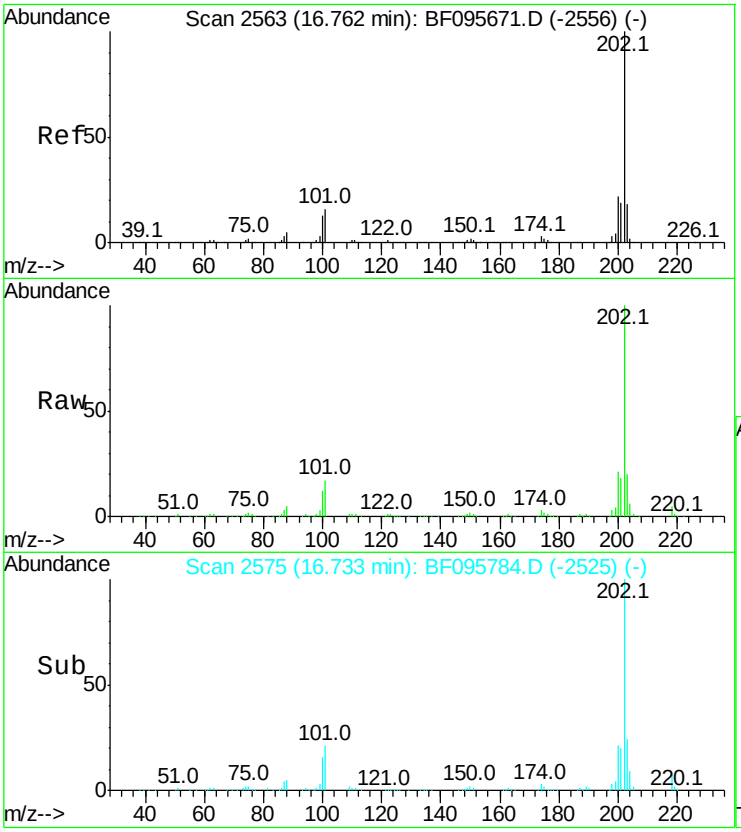


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:240 Resp: 144077

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	23.9	20.5	30.7



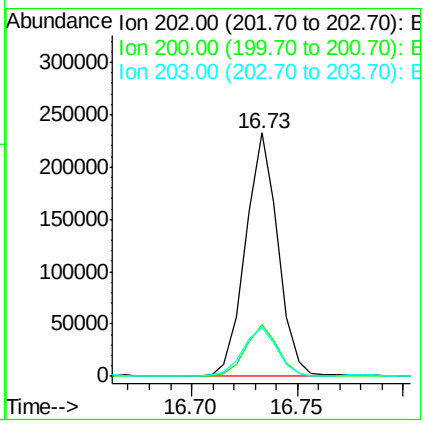


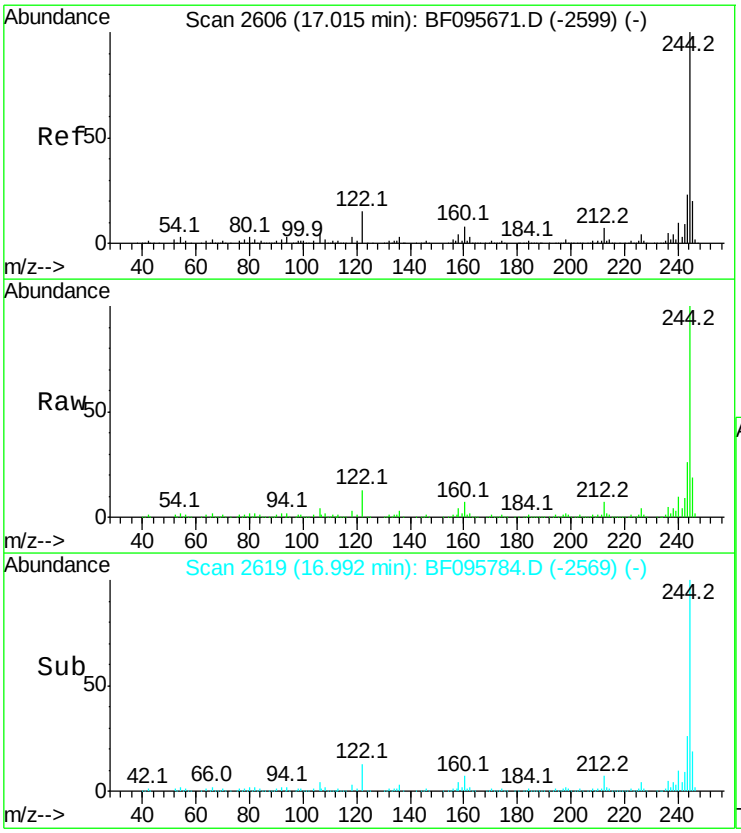
#77
Pyrene
Concen: 22.91 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 246290

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.3	14.4	21.6

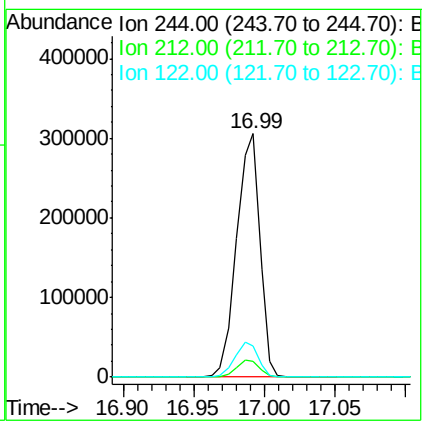


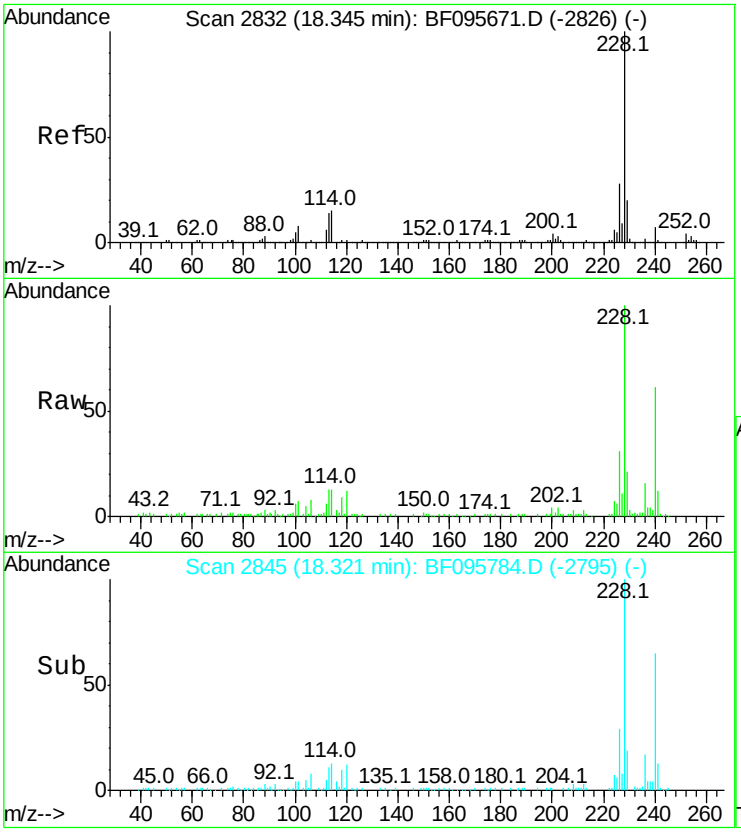


#78
Terphenyl-d14
Concen: 60.45 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:244 Resp: 350918

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.0	10.3	15.5



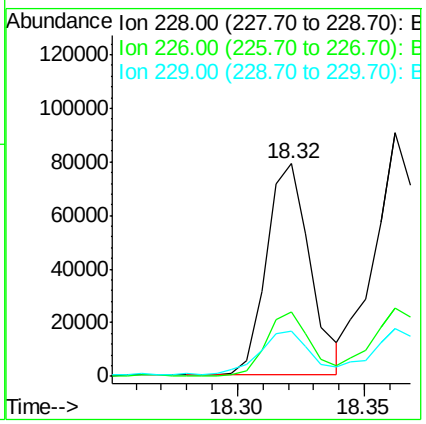


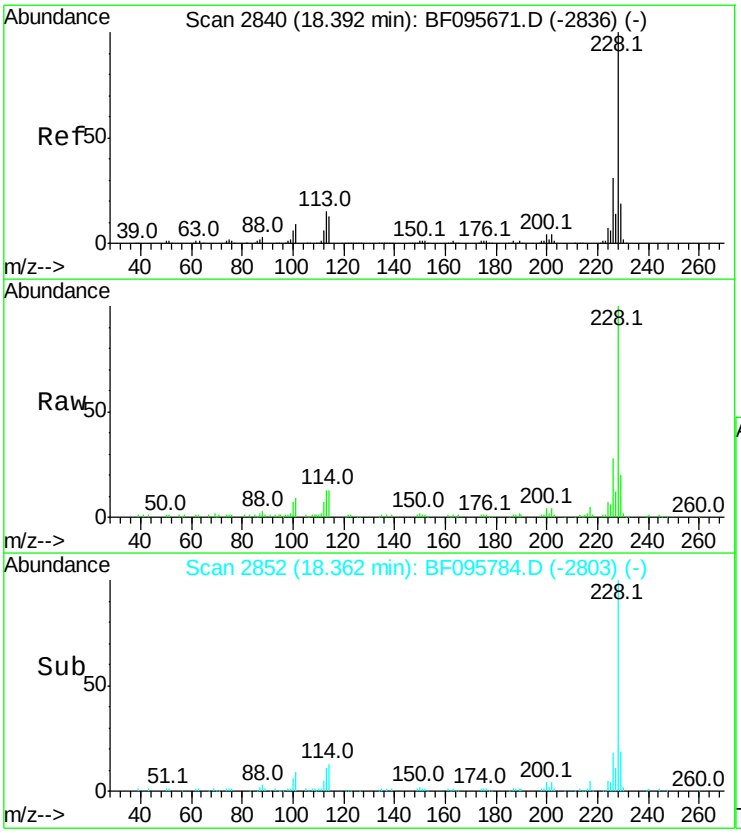
#80
Benzo(a)anthracene
Concen: 11.35 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 95095

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.3	16.3	24.5

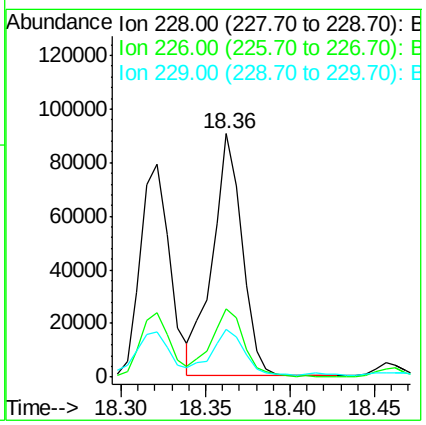


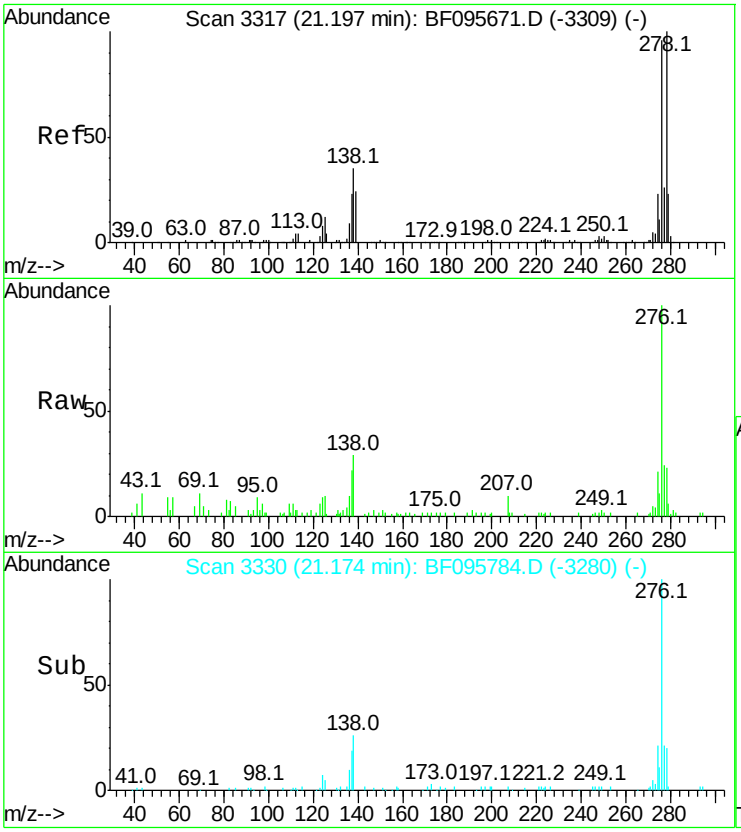


#82
Chrysene
Concen: 13.24 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:228 Resp: 110862

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	19.5	15.8	23.6



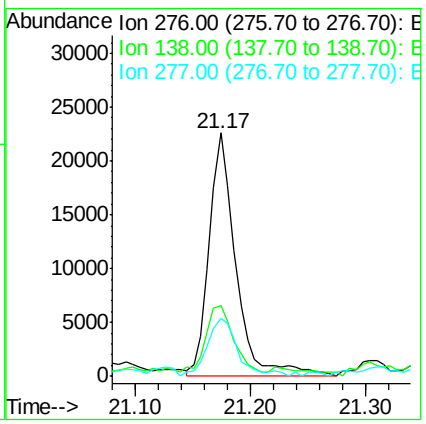


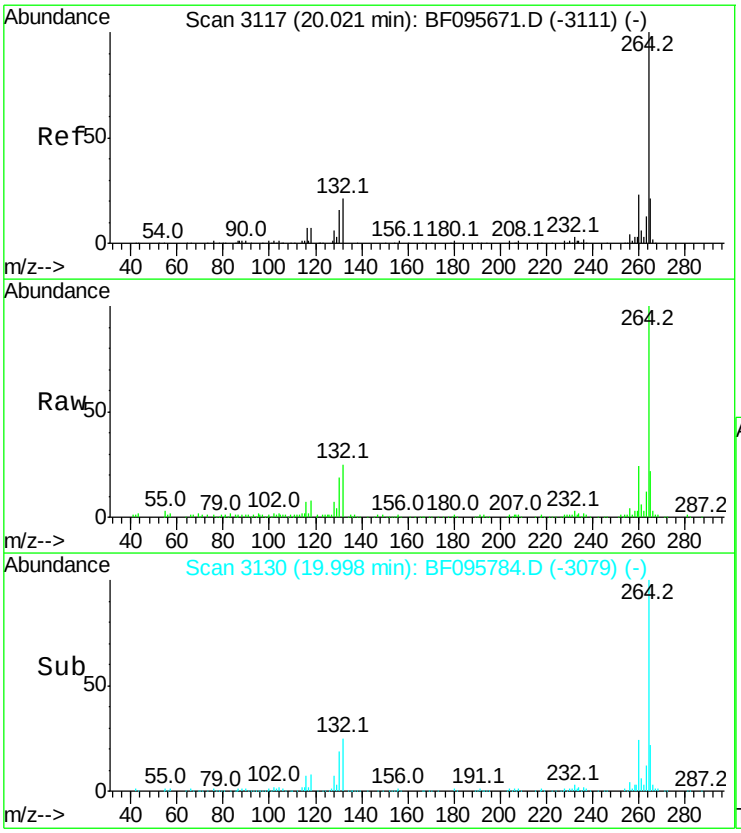
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.12 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36658

Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	26.7	20.2	30.4

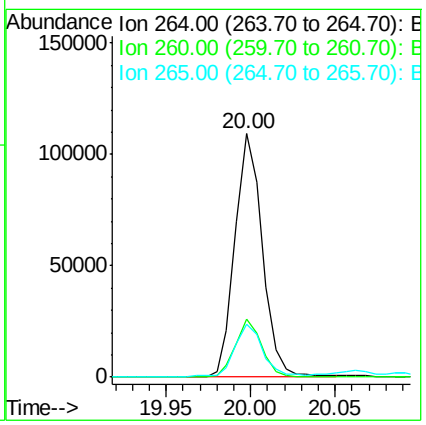


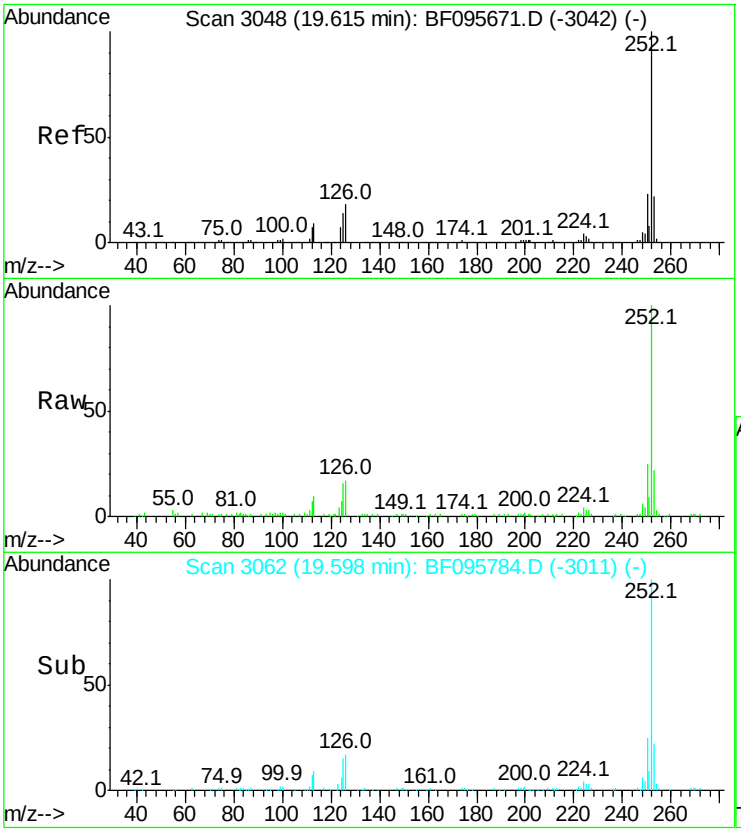


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:264 Resp: 123983

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8



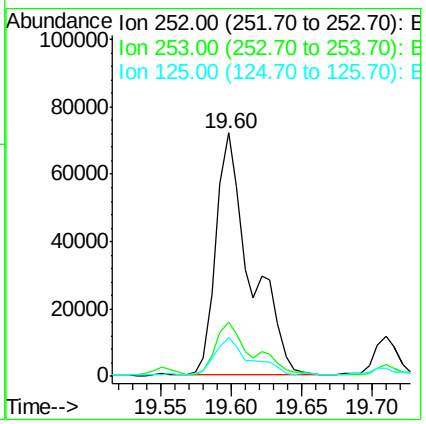


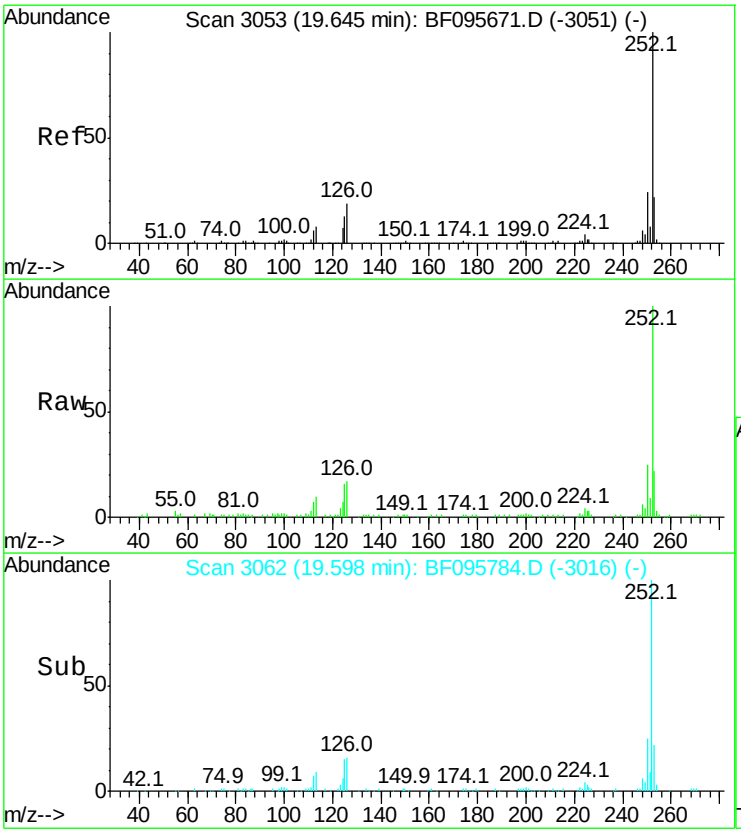
#87
Benzo(b)fluoranthene
Concen: 15.92 ng
RT: 19.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 123625

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	16.0	9.8	14.8#

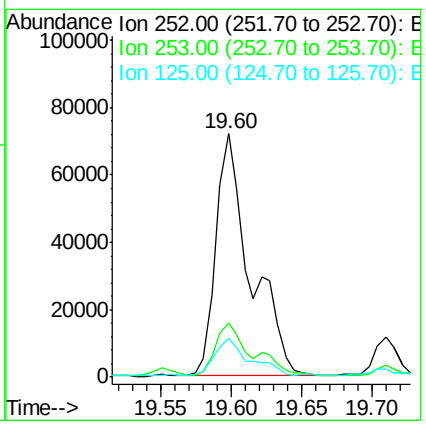


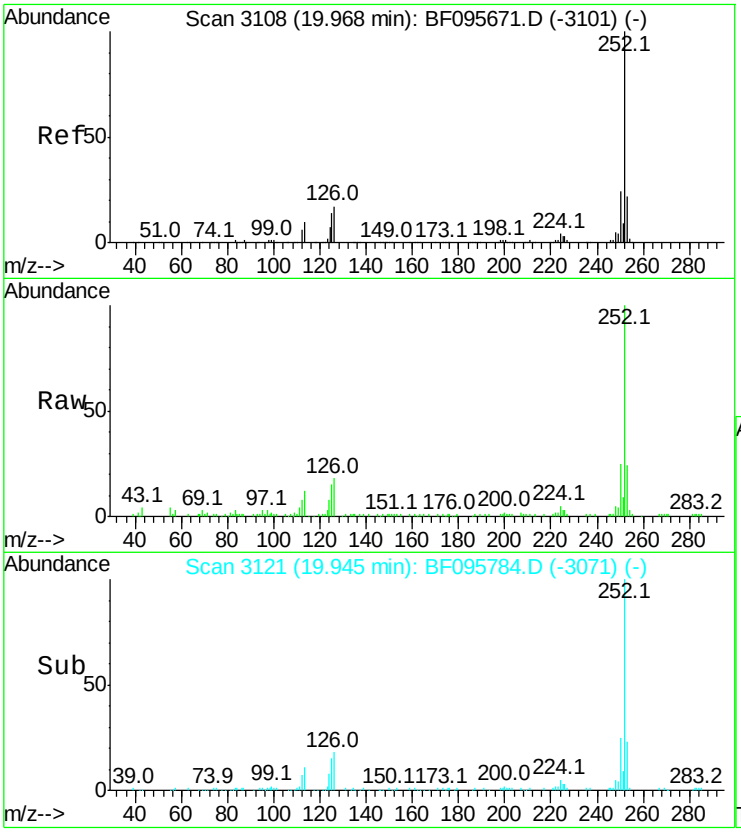


#88
Benzo(k)fluoranthene
Concen: 16.66 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.03 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:252 Resp: 123625

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	16.0	13.1	19.7



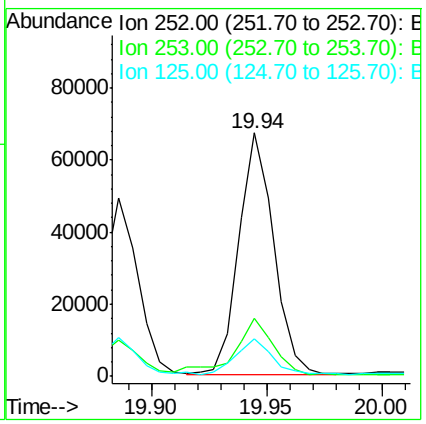


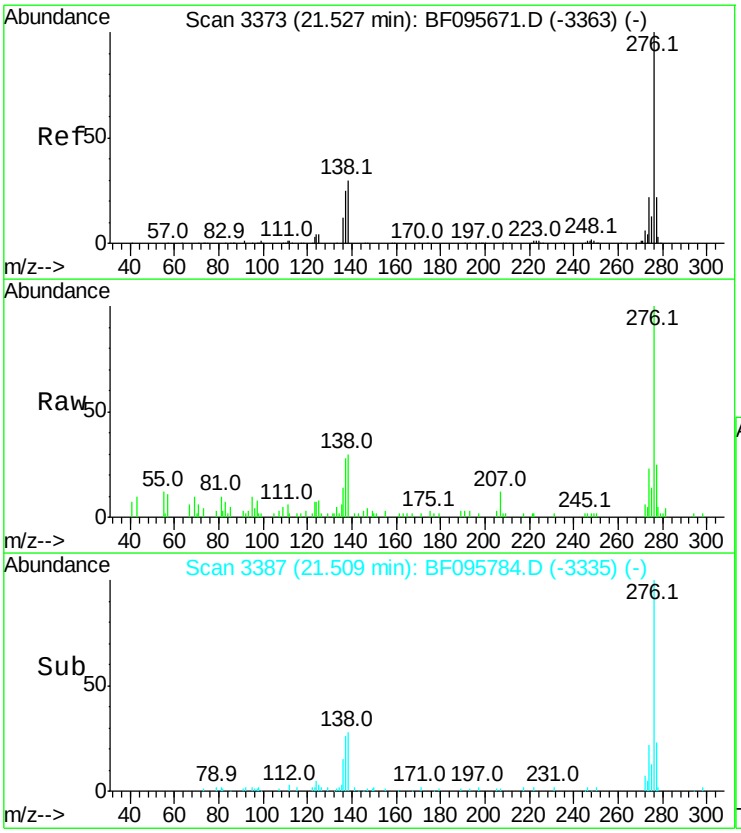
#89
Benzo(a)pyrene
Concen: 10.02 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71500

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	15.5	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.61 ng
RT: 21.51 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BF095784.D
Acq: 8 Jun 2017 15:32

Tgt Ion:276 Resp: 34601

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	29.8	25.4	38.0