Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095756.D
Acq On : 7 Jun 2017 20:35
Operator : SJ/MA
Sample : I3479-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 08 04:07:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	78647	20.00	ng		-0.02
21) Naphthalene-d8	9.42	136	306470	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	121540	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	180329	20.00	ng		-0.01
75) Chrysene-d12	18.34	240	147902	20.00	ng		-0.01
86) Perylene-d12	20.02	264	108211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	434263	87.99	ng		-0.02
7) Phenol-d6	6.95	99	540173	91.42	ng		-0.01
23) Nitrobenzene-d5	8.30	82	295333	59.85	ng		-0.02
41) 2,4,6-Tribromophenol	13.53	330	88134	81.96	ng		-0.02
44) 2-Fluorobiphenyl	11.20	172	586813	67.19	ng		-0.02
78) Terphenyl-d14	17.00	244	350168	58.76	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.30	70	37470	10.01	ng	#	75
49) Dimethylphthalate	11.89	163	110781	12.00	ng		99
55) 4-Nitrophenol	12.60	139	314	4.84	ng	#	25
70) Phenanthrene	14.67	178	42967	4.13	ng		98
71) Anthracene	14.67	178	42967	3.96	ng		99
74) Fluoranthene	16.44	202	105719	10.27	ng		99
77) Pyrene	16.75	202	98036	8.88	ng		98
80) Benzo(a)anthracene	18.33	228	52692	6.13	ng		97
82) Chrysene	18.38	228	47989	5.58	ng		98
85) Indeno(1,2,3-cd)pyrene	21.20	276	29479	4.01	ng		93
87) Benzo(b)fluoranthene	19.62	252	92297	13.62	ng	#	95
88) Benzo(k)fluoranthene	19.62	252	92297	14.25	ng		98
89) Benzo(a)pyrene	19.96	252	44442	7.14	ng	#	97
91) Benzo(g,h,i)perylene	21.54	276	25276	4.69	ng		96

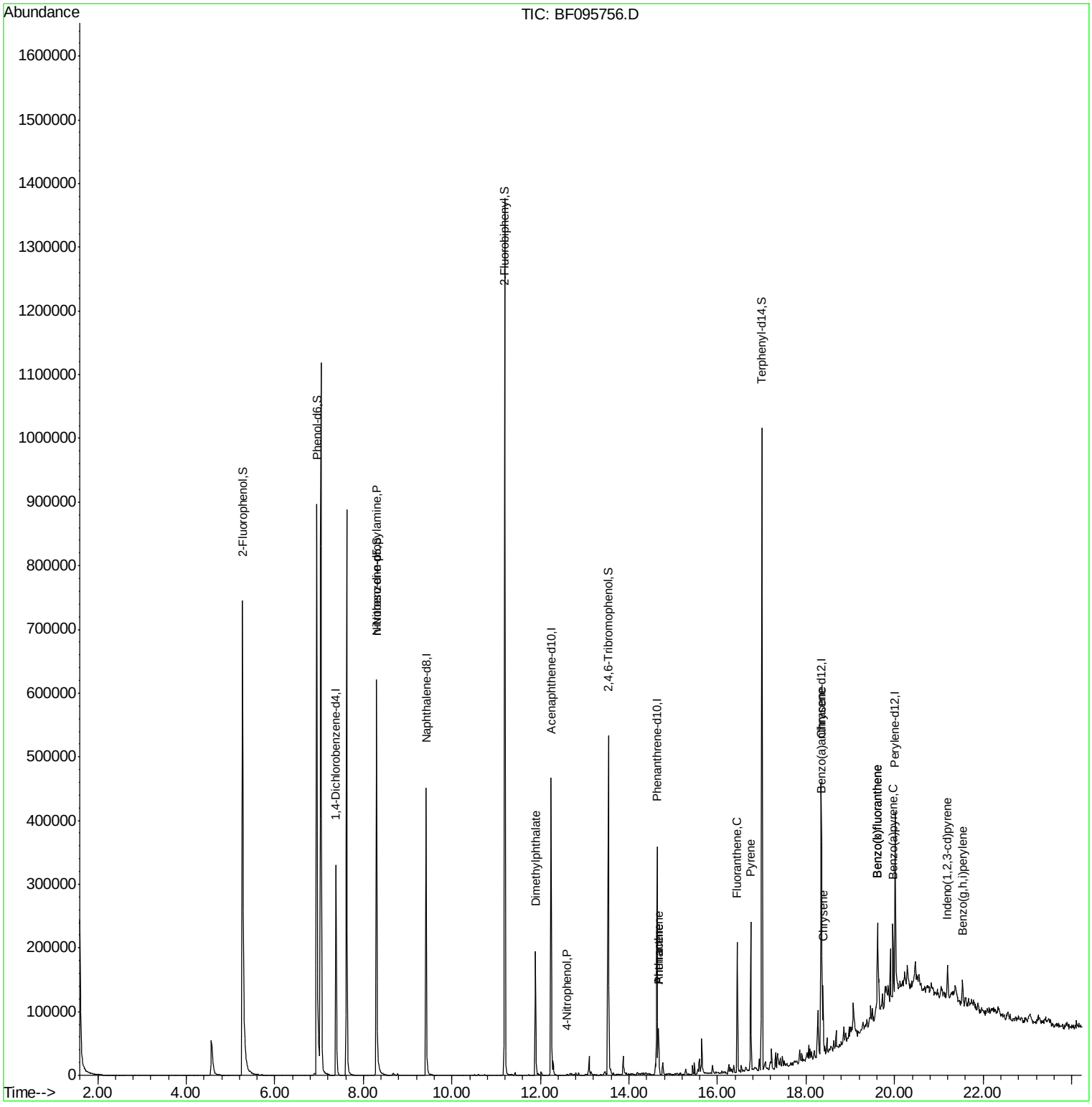
(#) = qualifier out of range (m) = manual integration (+) = signals summed

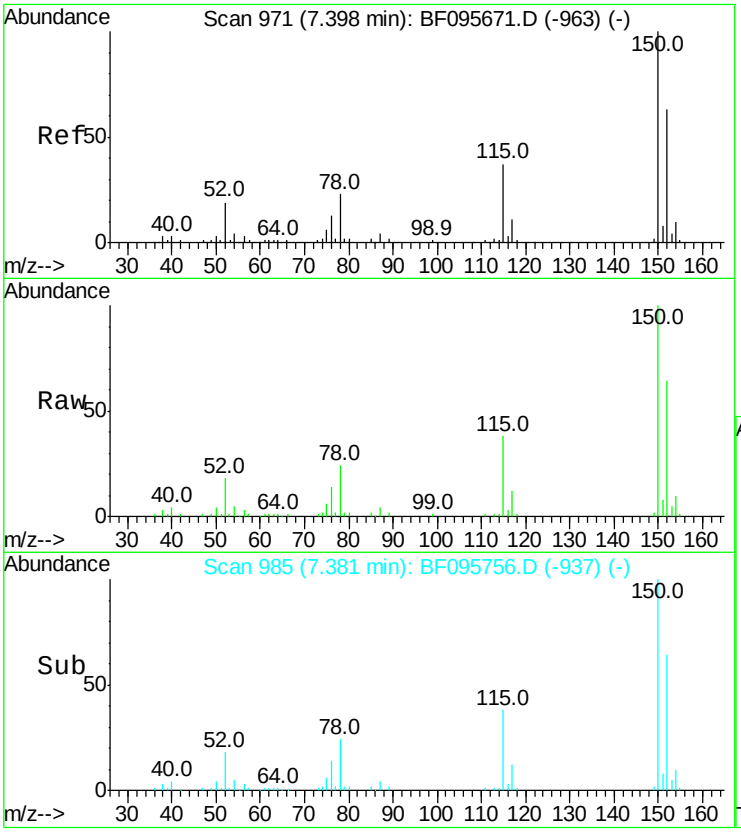
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095756.D
Acq On : 7 Jun 2017 20:35
Operator : SJ/MA
Sample : I3479-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 08 04:07:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



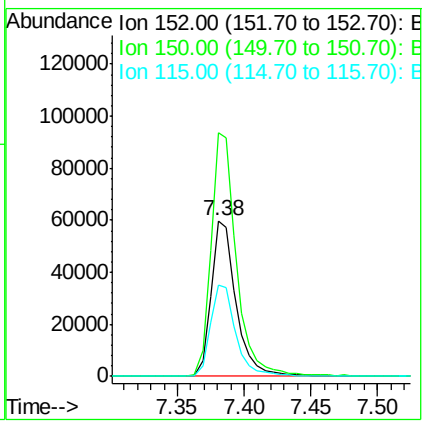


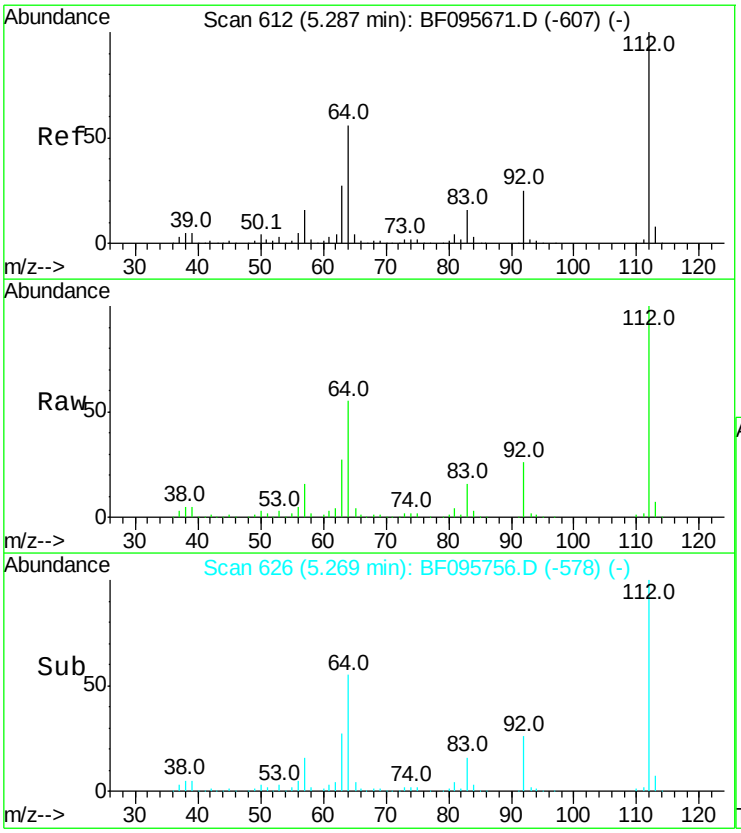
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78647

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	58.8	52.2	78.2

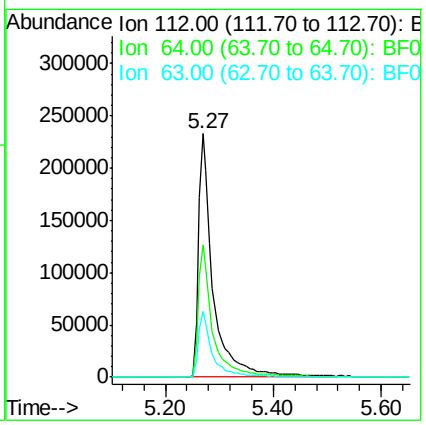


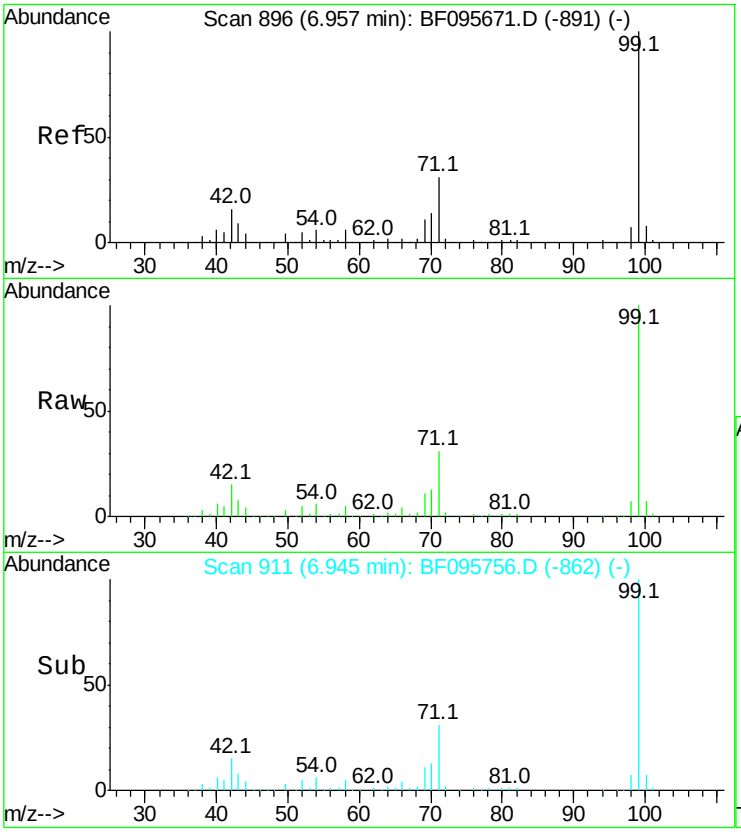


#5
2-Fluorophenol
Concen: 87.99 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:112 Resp: 434263

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.8	23.4	35.0



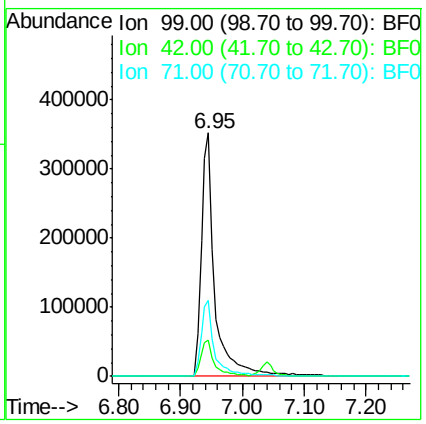


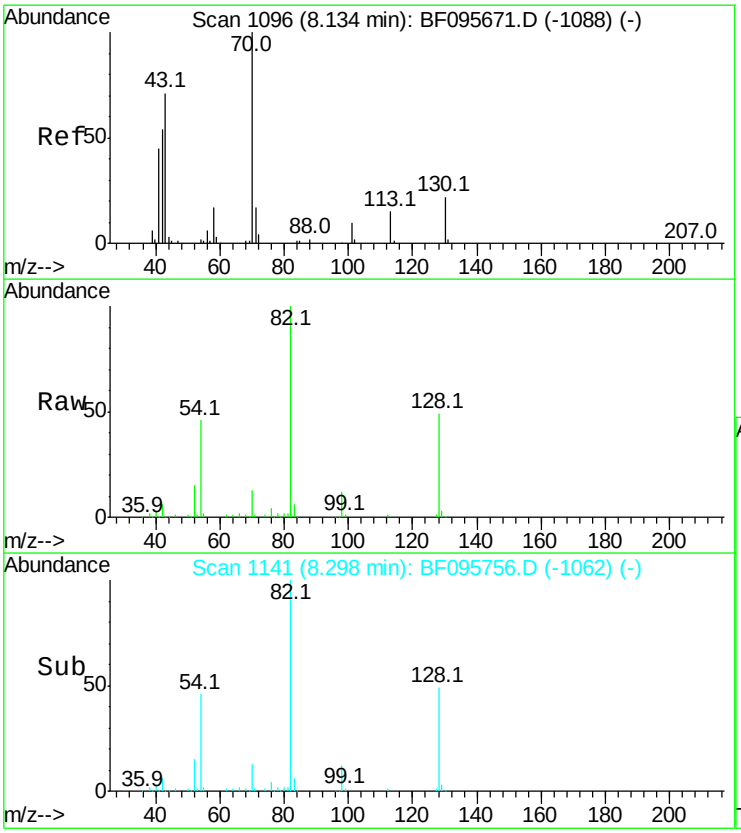
#7
Phenol-d6
Concen: 91.42 ng
RT: 6.95 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 540173

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	31.0	24.5	36.7

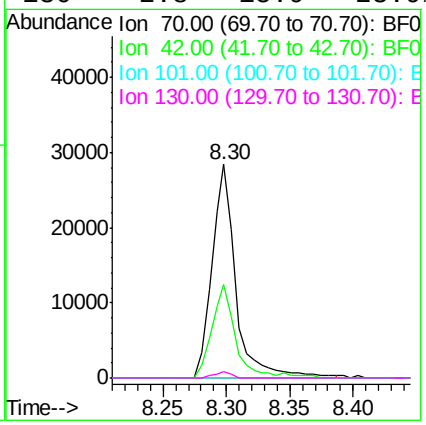


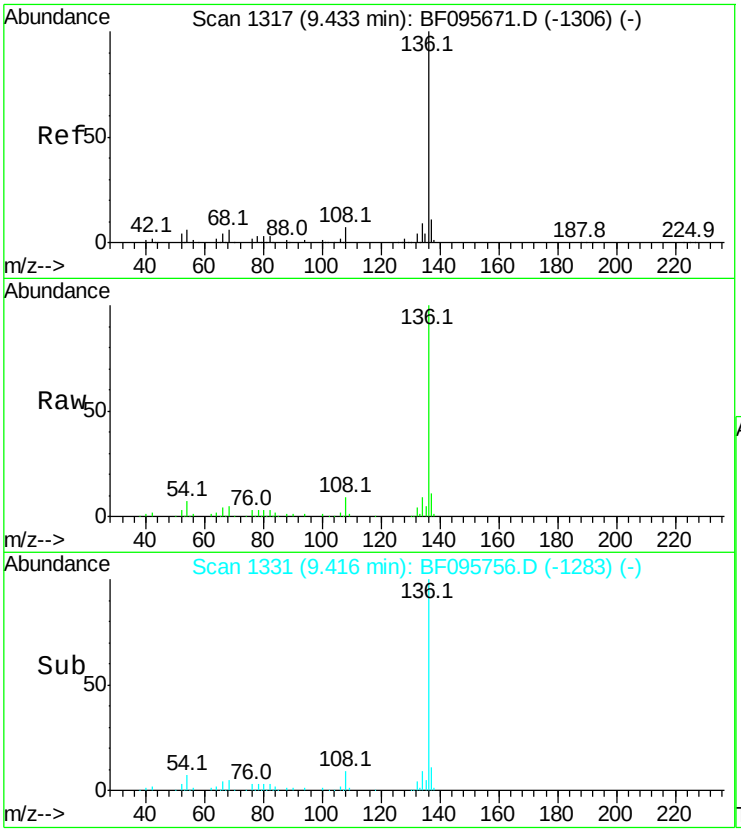


#19
n-Nitroso-di-n-propylamine
Concen: 10.01 ng
RT: 8.30 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion: 70 Resp: 37470

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#



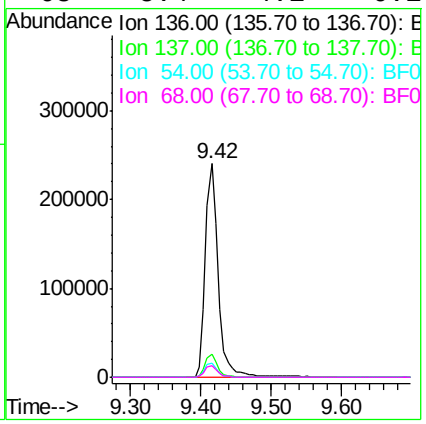


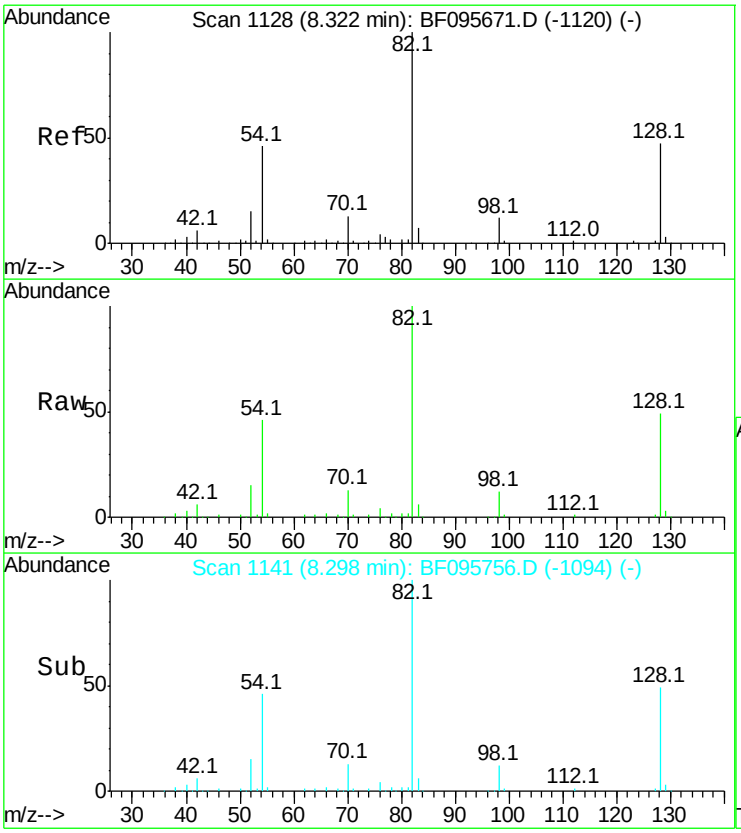
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 306470

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1

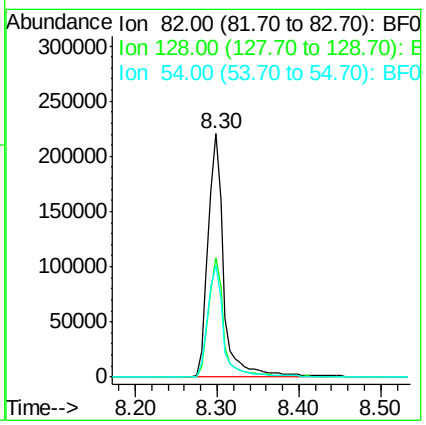


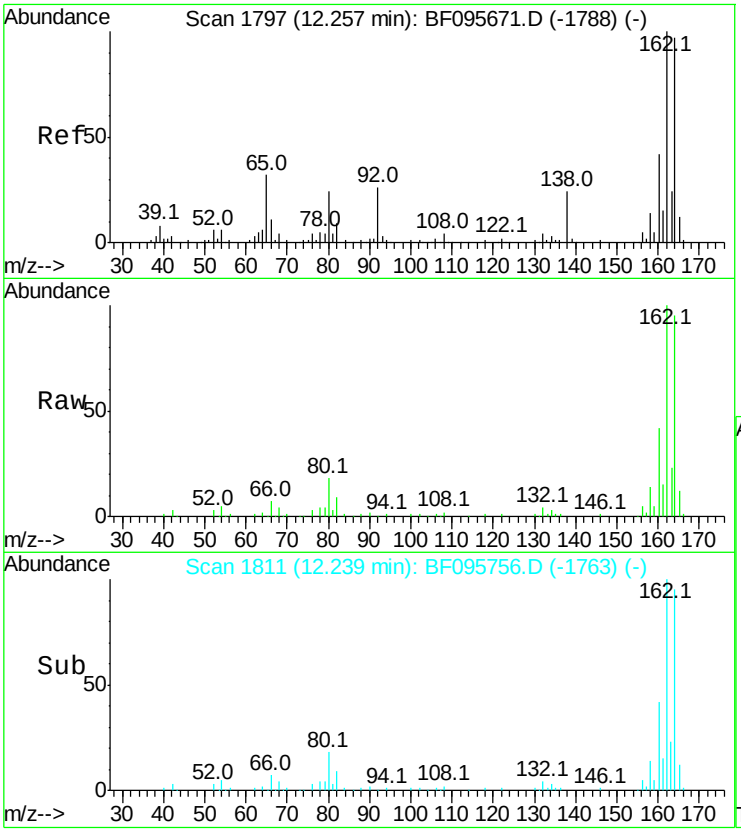


#23
Nitrobenzene-d5
Concen: 59.85 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion: 82 Resp: 295333

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	46.1	42.2	63.2



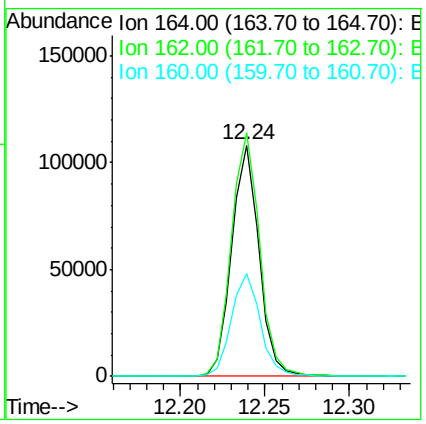


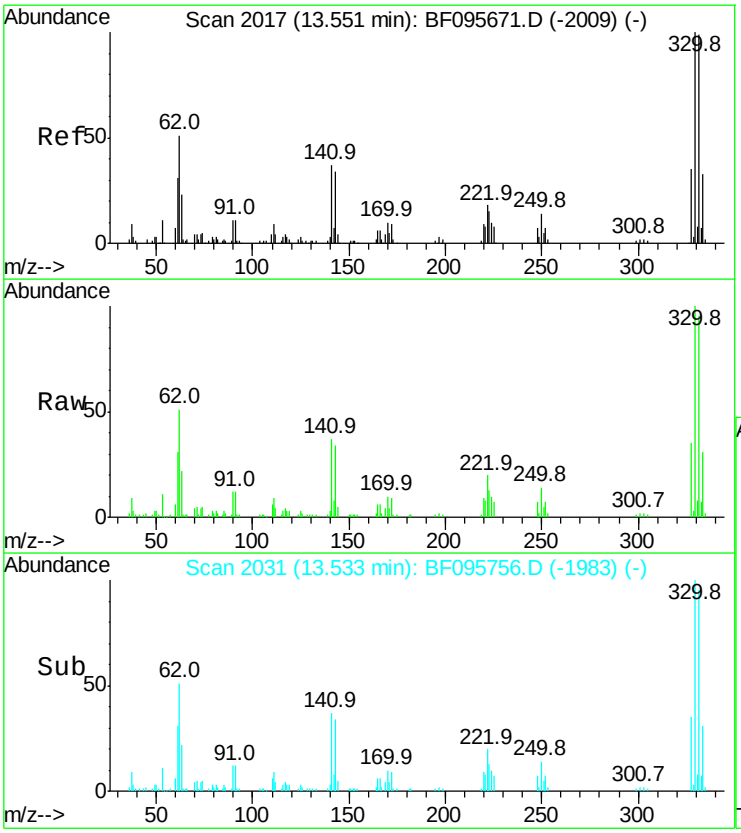
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 121540

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	44.5	36.2	54.2

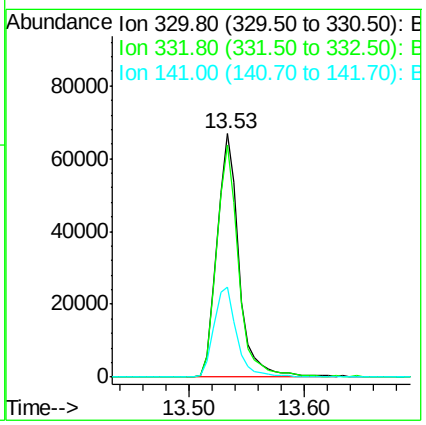


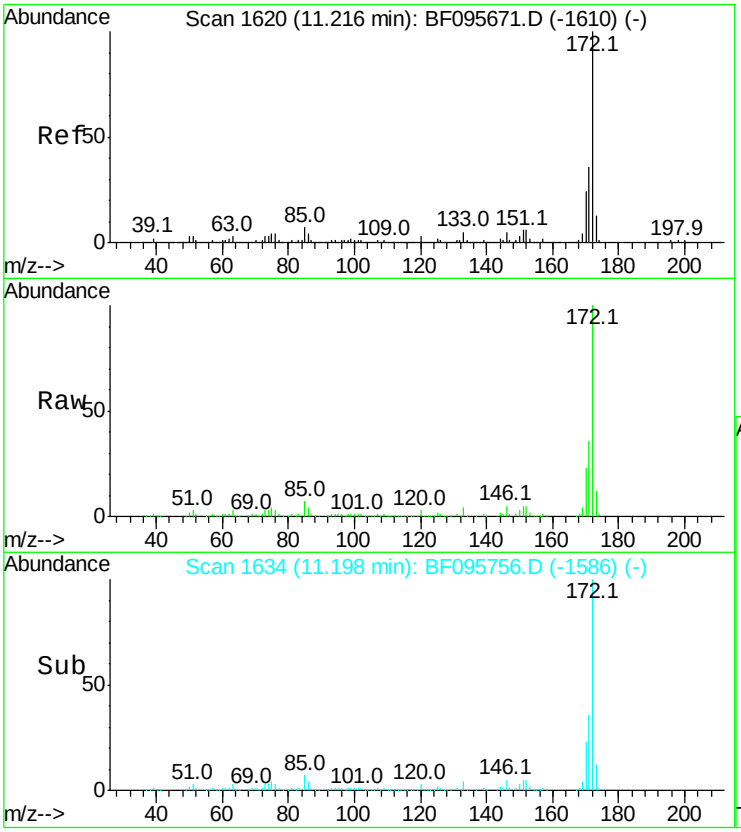


#41
2,4,6-Tribromophenol
Concen: 81.96 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:330 Resp: 88134

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	38.3	31.4	47.2



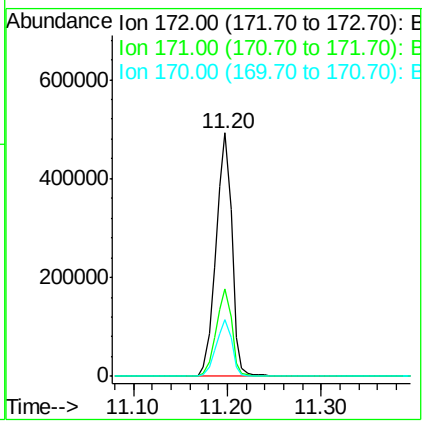


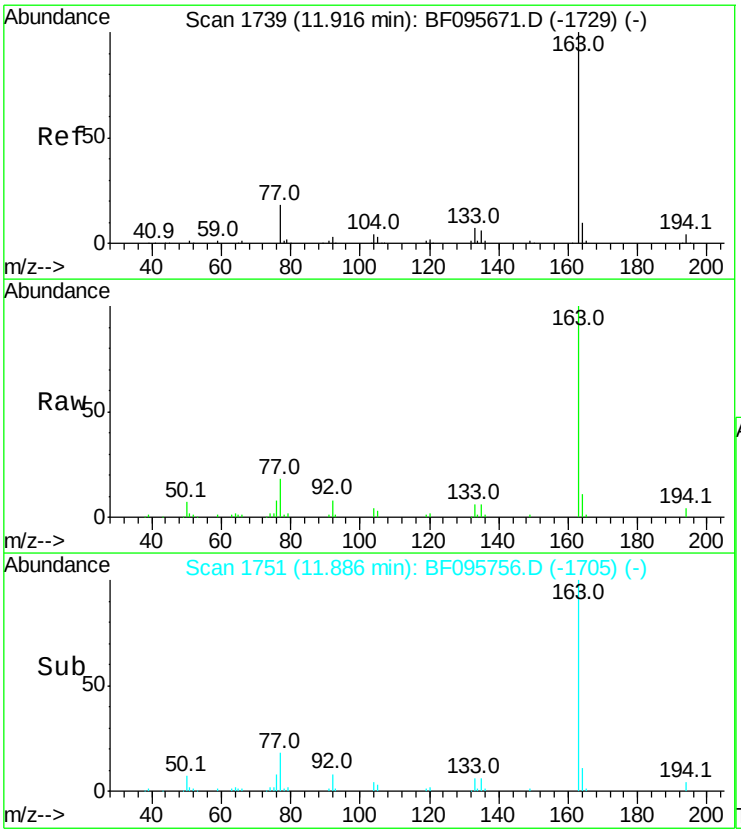
#44
2-Fluorobiphenyl
Concen: 67.19 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 586813

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

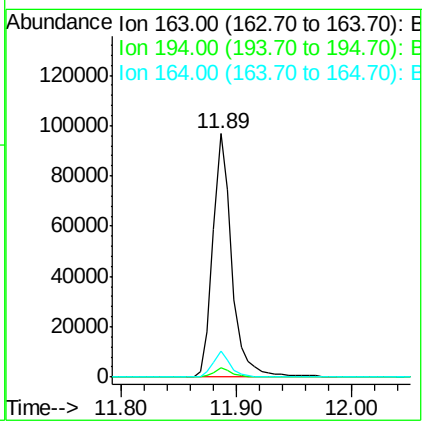


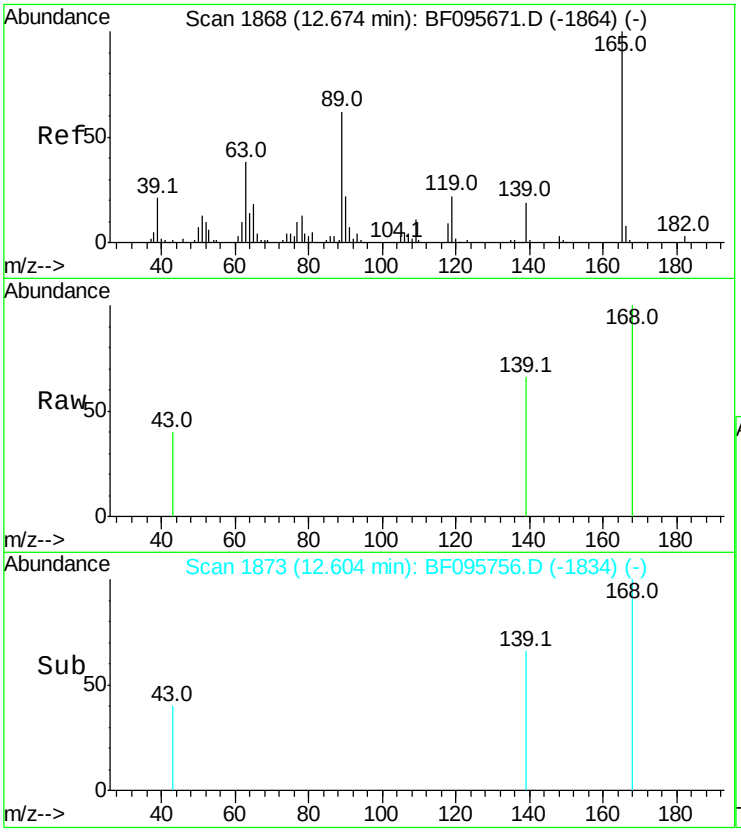


#49
Dimethylphthalate
Concen: 12.00 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:163 Resp: 110781

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.6	8.4	12.6



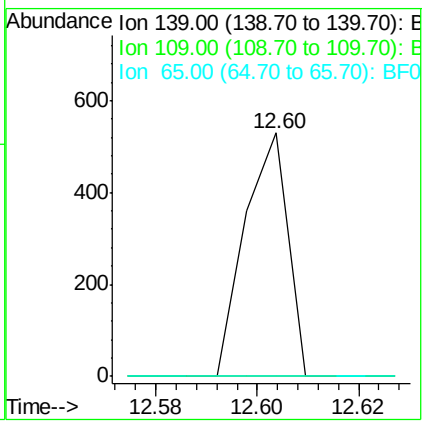


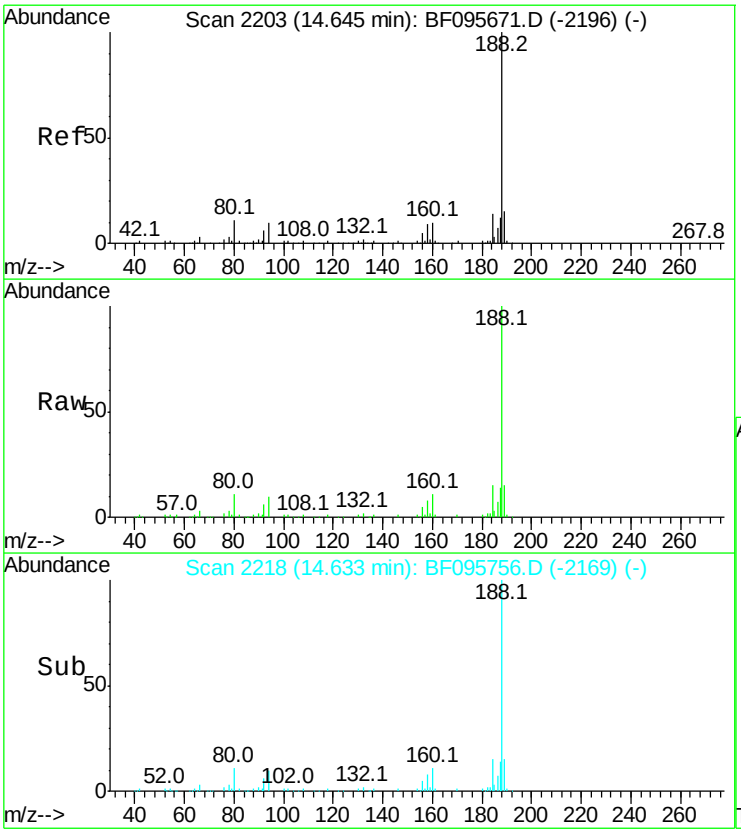
#55
4-Nitrophenol
Concen: 4.84 ng
RT: 12.60 min Scan# 1873
Delta R.T. -0.07 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 314

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

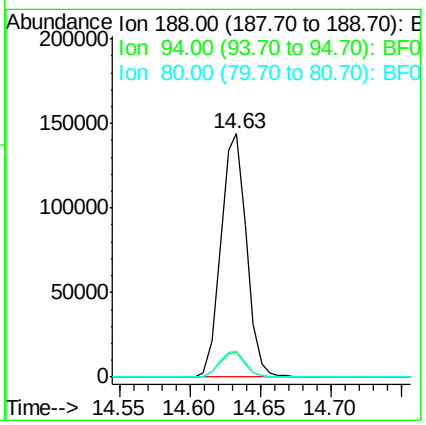


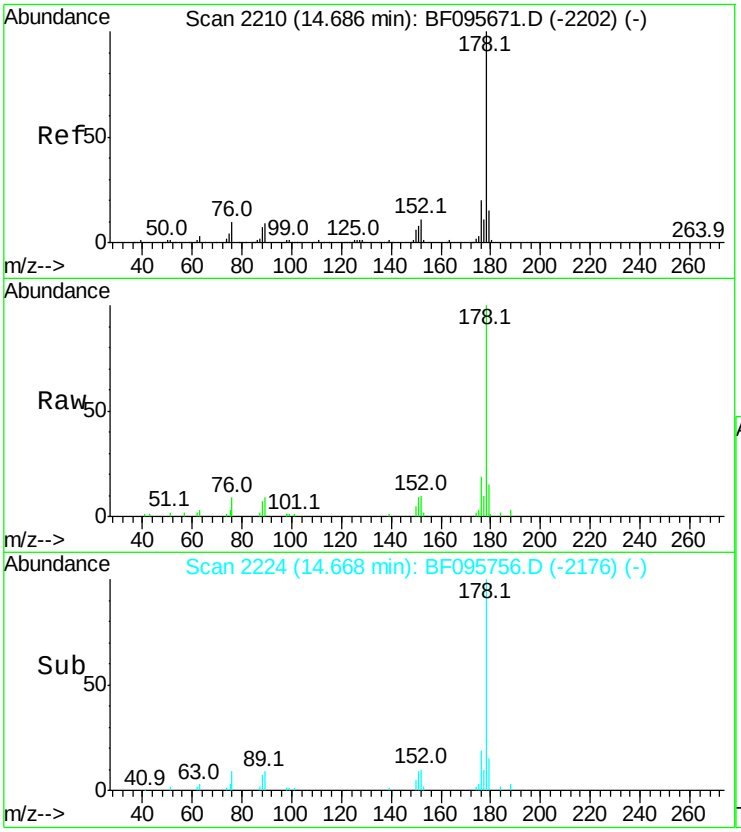


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:188 Resp: 180329

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



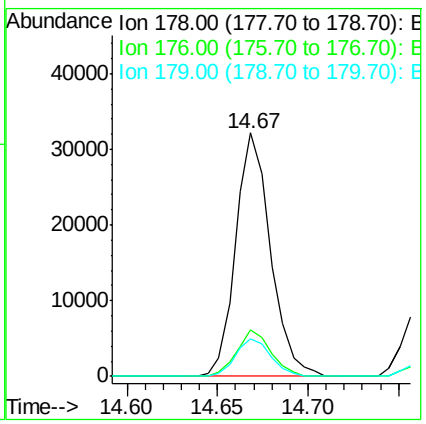


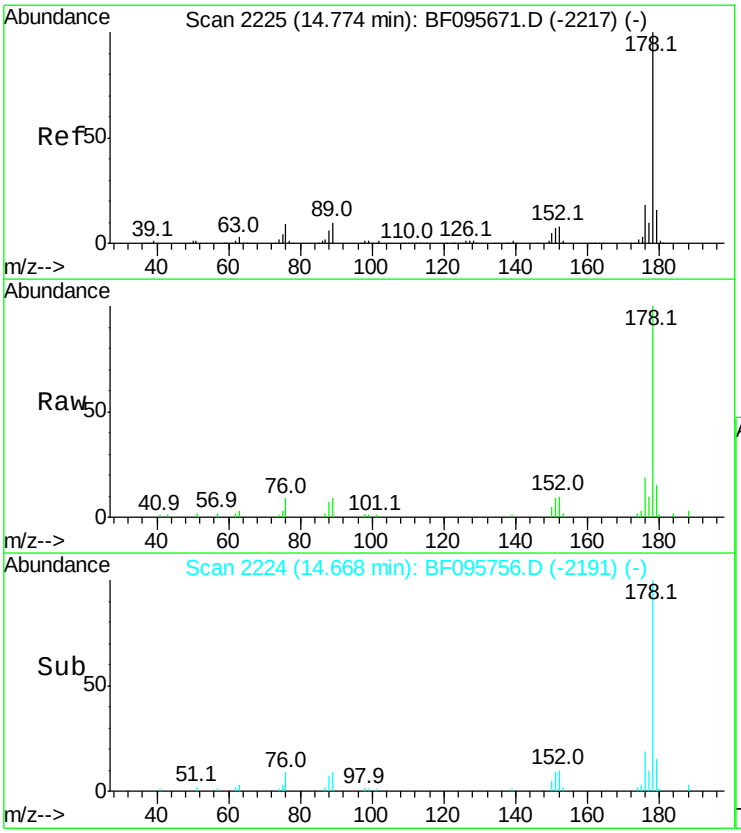
#70
Phenanthrene
Concen: 4.13 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 42967

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.3	12.6	19.0

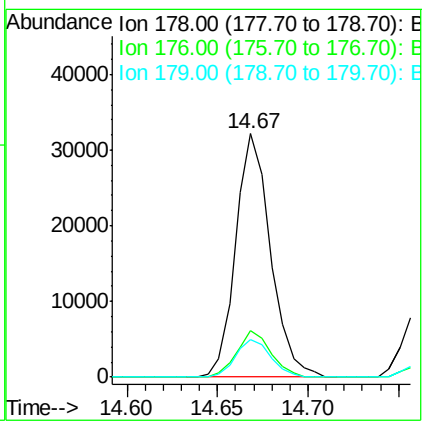


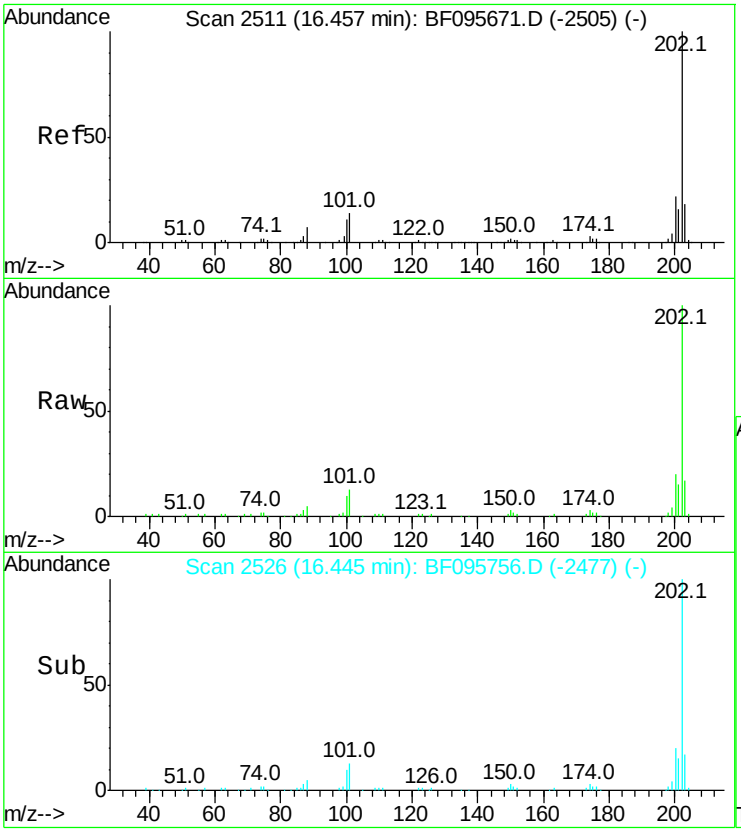


#71
Anthracene
Concen: 3.96 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.11 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:178 Resp: 42967

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	12.7	19.1



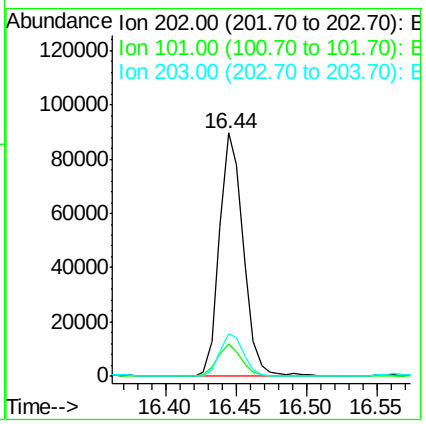


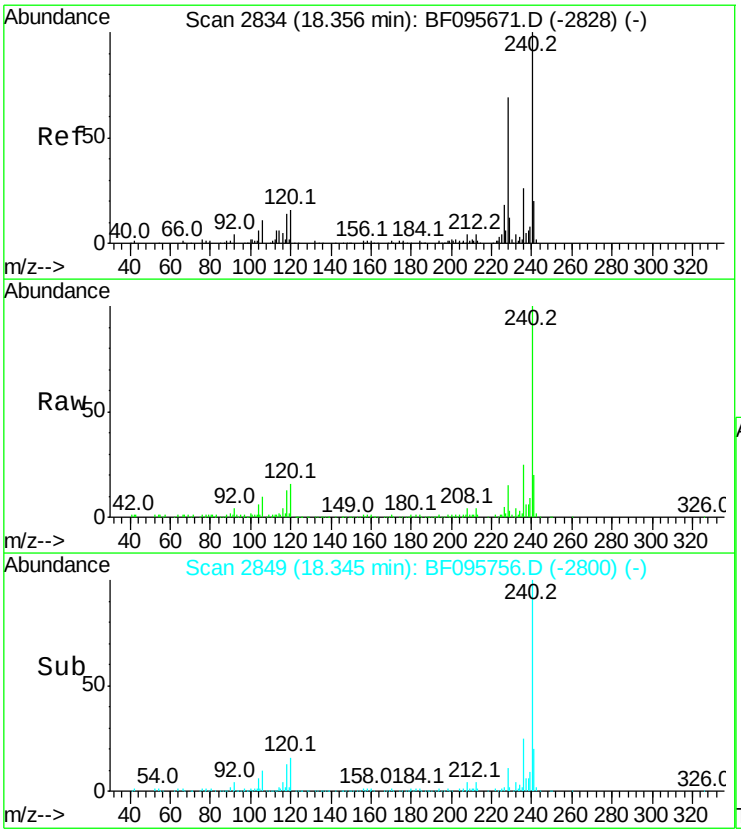
#74
Fluoranthene
Concen: 10.27 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 105719

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.4	0.0	38.1

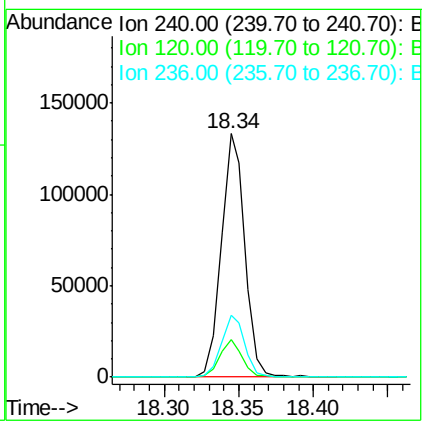


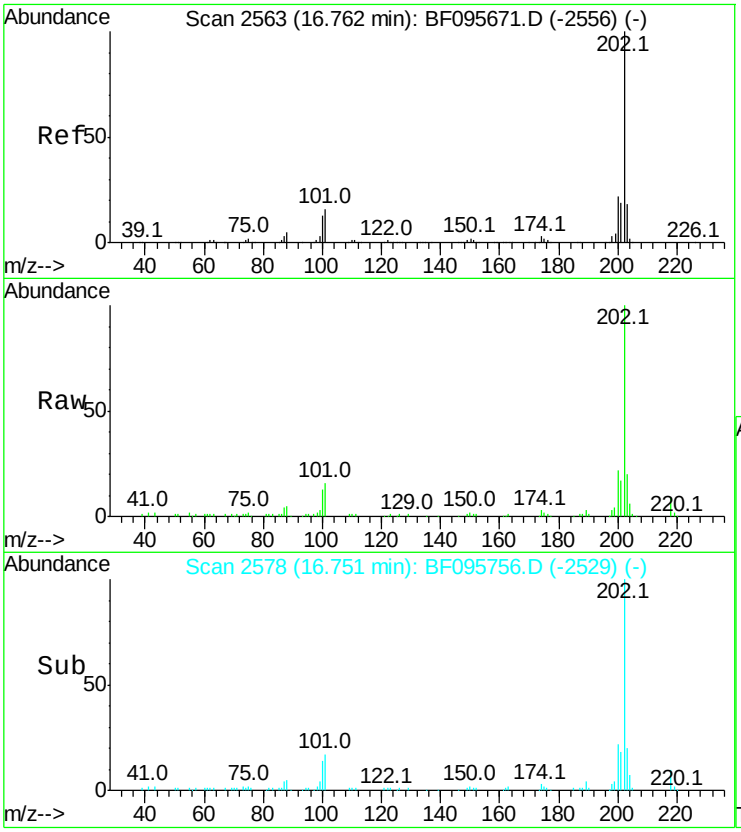


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:240 Resp: 147902

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	25.4	20.5	30.7



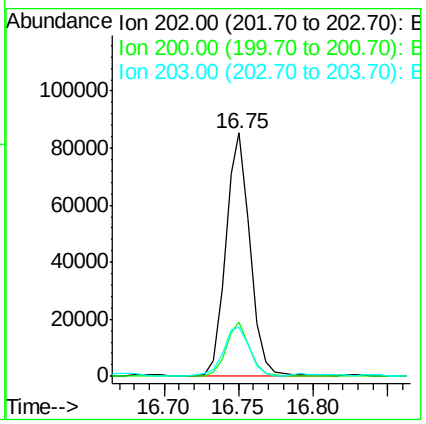


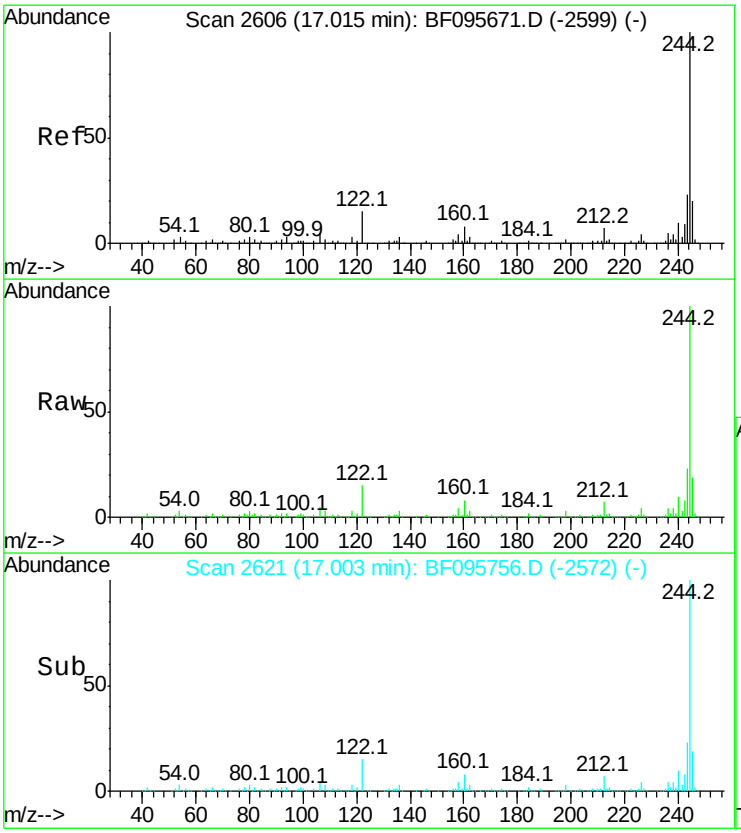
#77
Pyrene
Concen: 8.88 ng
RT: 16.75 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 98036

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	19.9	14.4	21.6

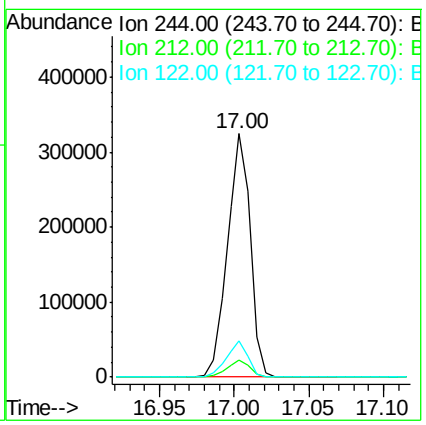


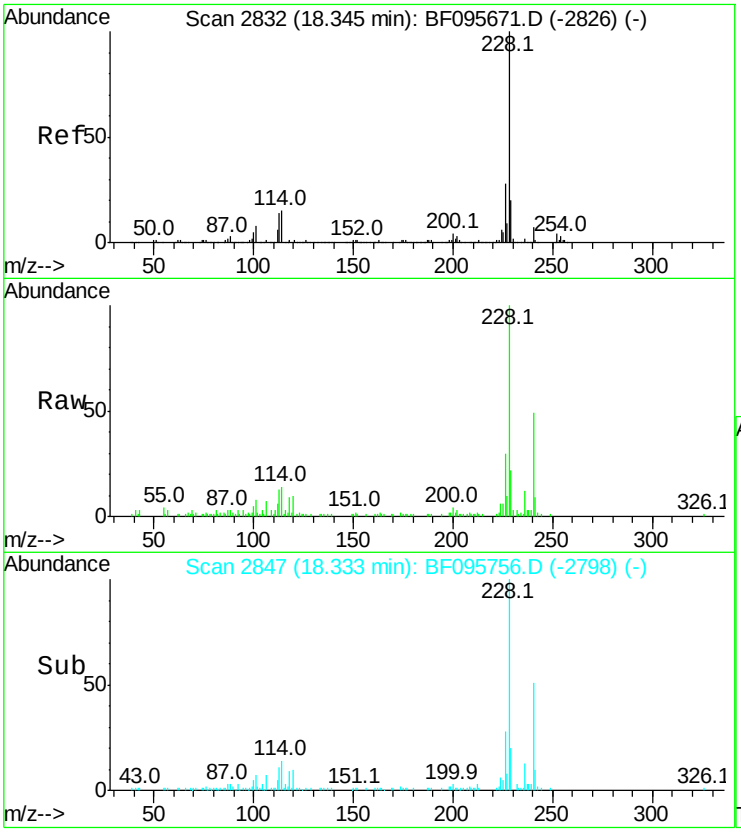


#78
Terphenyl-d14
Concen: 58.76 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:244 Resp: 350168

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5



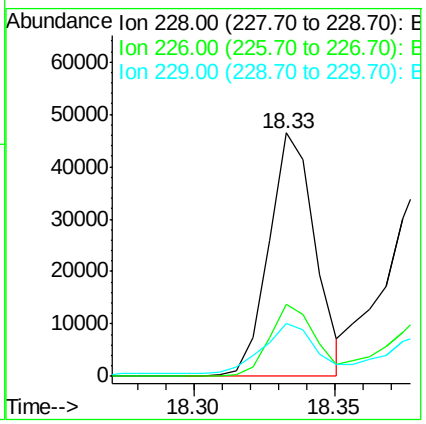


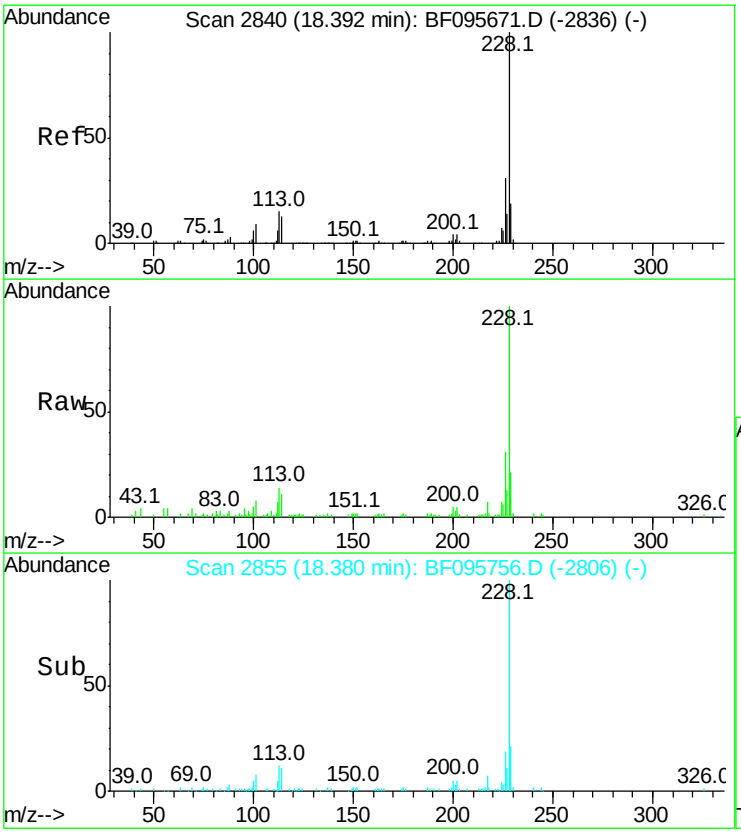
#80
Benzo(a)anthracene
Concen: 6.13 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52692

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.6	16.3	24.5

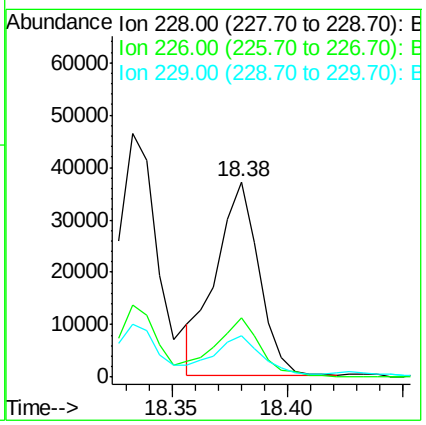


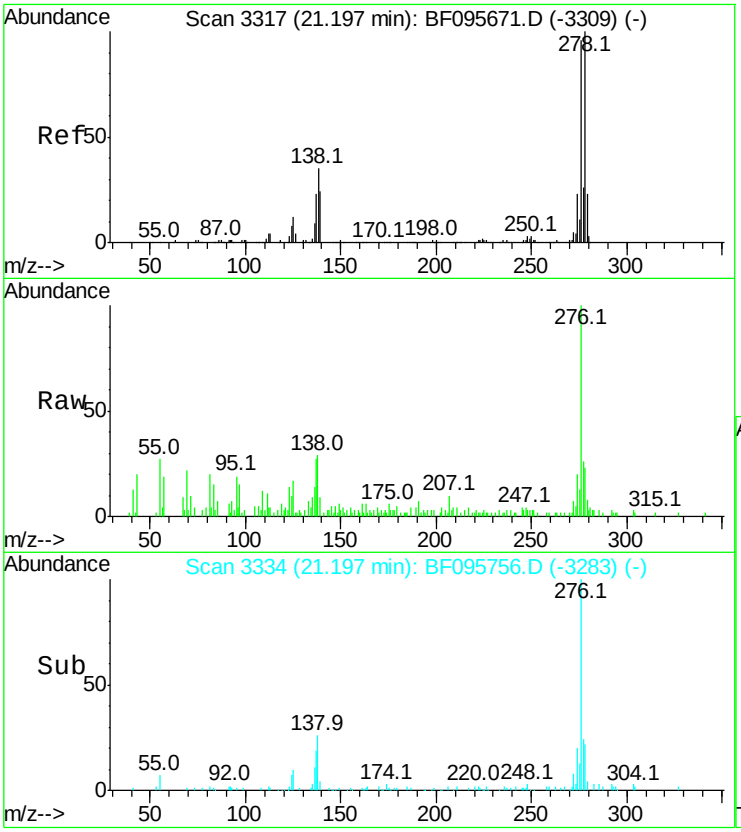


#82
Chrysene
Concen: 5.58 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:228 Resp: 47989

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.1	15.8	23.6



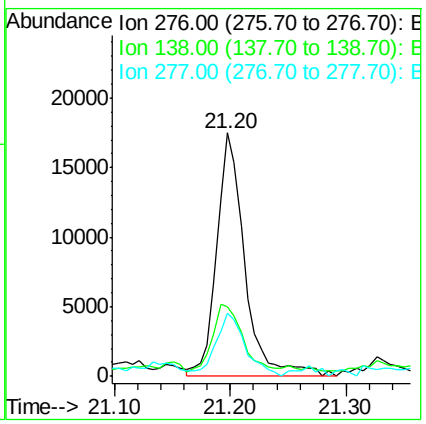


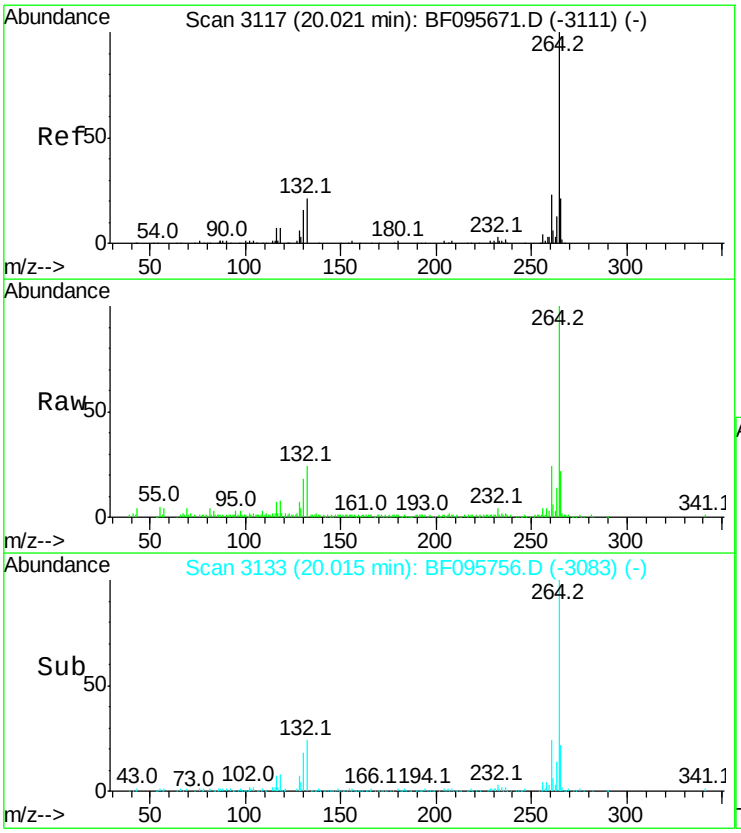
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.01 ng
RT: 21.20 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29479

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	26.8	20.2	30.4

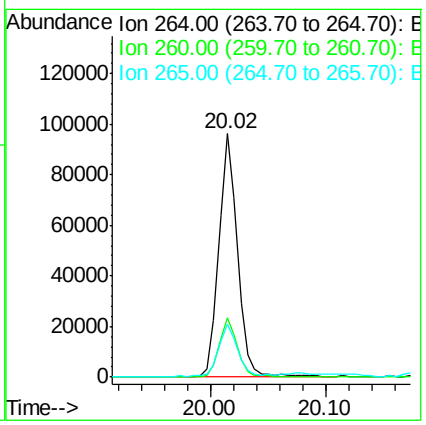


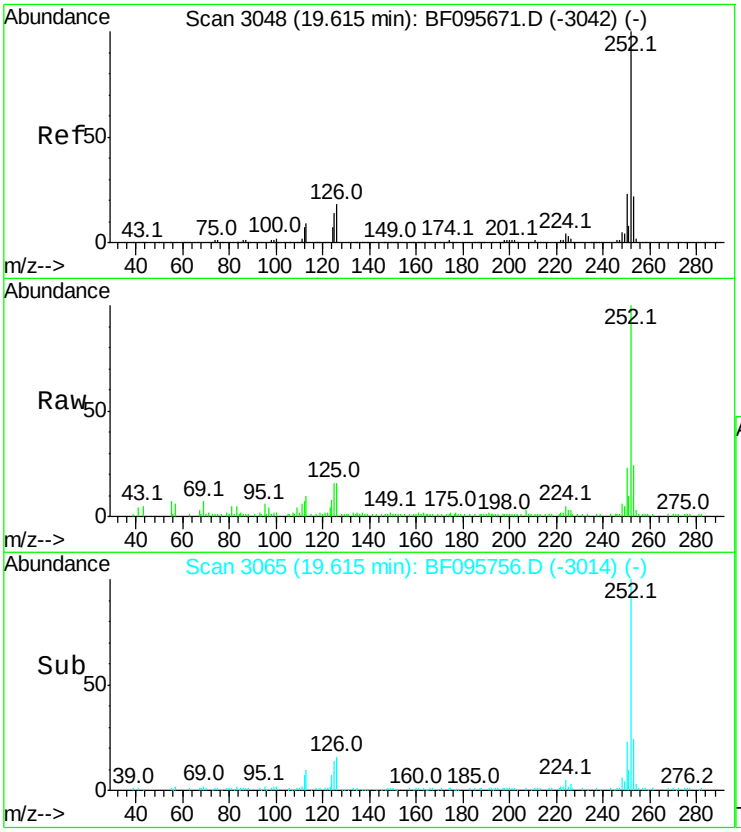


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:264 Resp: 108211

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.2	25.8



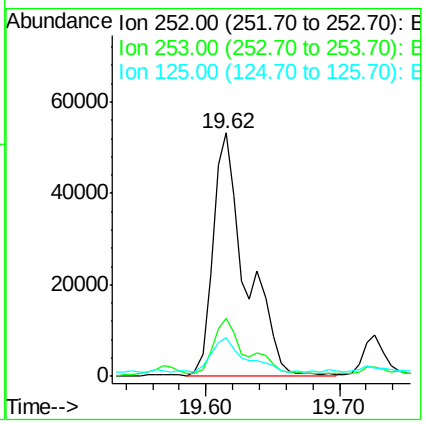


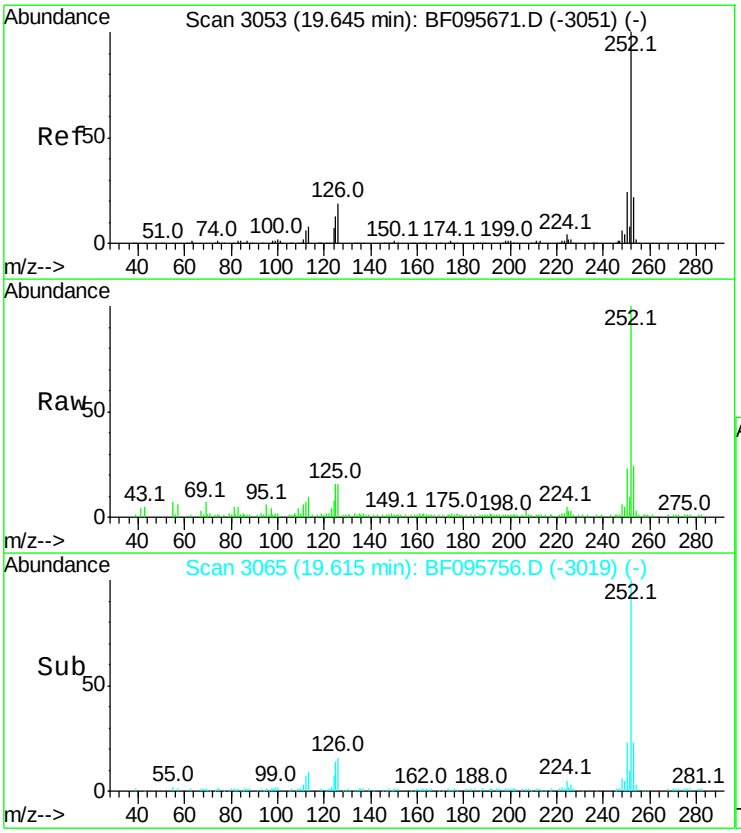
#87
Benzo(b)fluoranthene
Concen: 13.62 ng
RT: 19.62 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 92297

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.9	9.8	14.8#

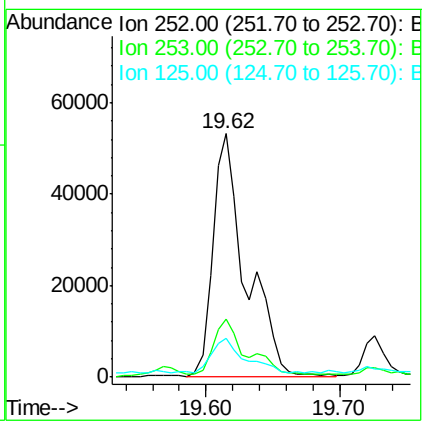


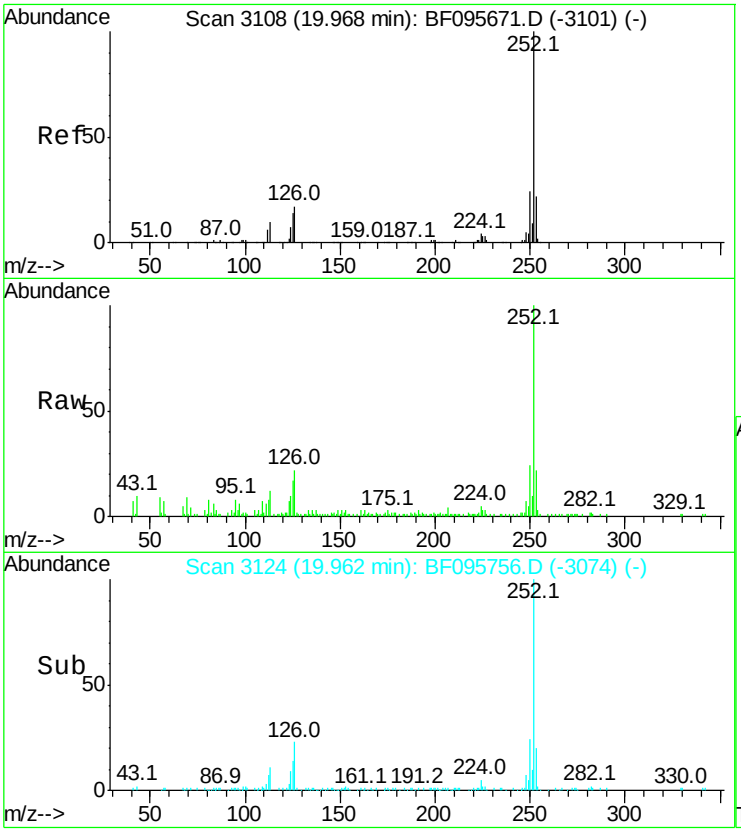


#88
Benzo(k)fluoranthene
Concen: 14.25 ng
RT: 19.62 min Scan# 3065
Delta R.T. -0.03 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:252 Resp: 92297

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	15.9	13.1	19.7



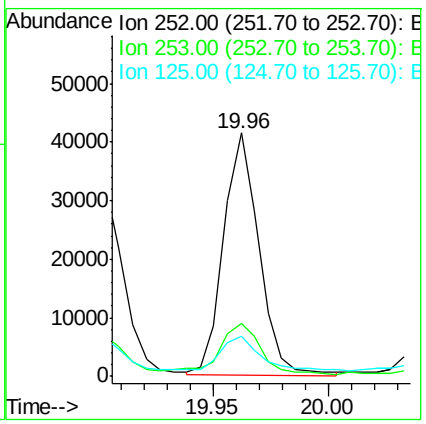


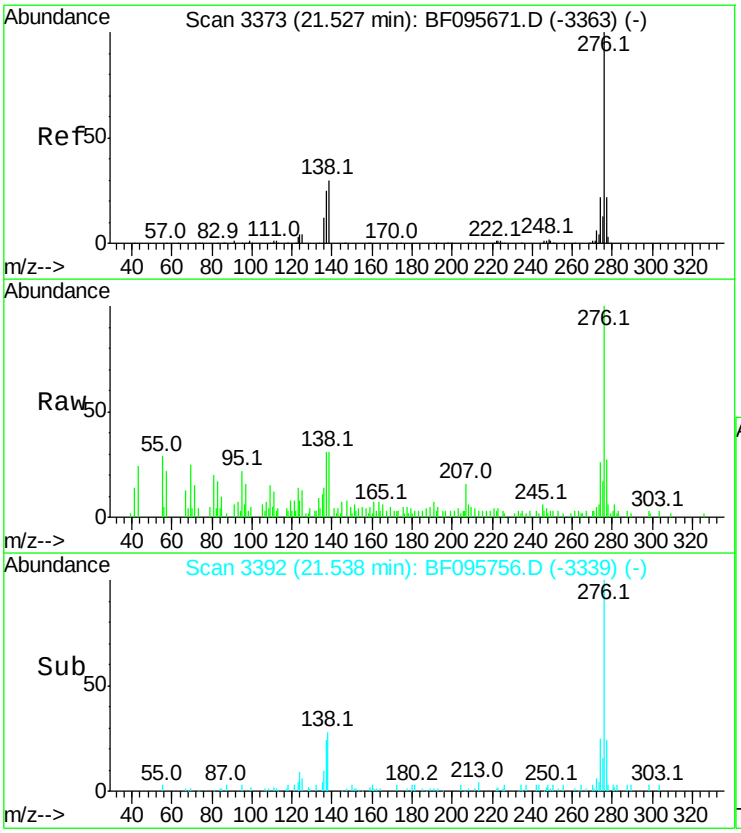
#89
Benzo(a)pyrene
Concen: 7.14 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44442

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	16.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.69 ng
RT: 21.54 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BF095756.D
Acq: 7 Jun 2017 20:35

Tgt Ion:276 Resp: 25276

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	30.9	25.4	38.0