Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
Data File : BF095695.D
Acq On : 6 Jun 2017 2:58
Operator : SJ/MA
Sample : I3441-09 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 06 06:43:37 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	7.40	152	100053	20.00	ng		0.00
21) Naphthalene-d8	9.43	136	411366	20.00	ng		0.00
38) Acenaphthene-d10	12.25	164	149097	20.00	ng		0.00
63) Phenanthrene-d10	14.64	188	218681	20.00	ng		0.00
75) Chrysene-d12	18.35	240	186616	20.00	ng		0.00
86) Perylene-d12	20.02	264	150838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	259324	41.30	ng		0.00
7) Phenol-d6	6.95	99	328049	43.64	ng		0.00
23) Nitrobenzene-d5	8.31	82	194322	29.34	ng		-0.01
41) 2,4,6-Tribromophenol	13.54	330	46769	35.45	ng		0.00
44) 2-Fluorobiphenyl	11.21	172	369093	34.45	ng		0.00
78) Terphenyl-d14	17.01	244	249931	33.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	45091	15.10	ng	#	23
31) Naphthalene	9.46	128	115412	5.59	ng		98
37) 2-Methylnaphthalene	10.59	142	55815	4.00	ng		97
49) Dimethylphthalate	11.90	163	45434	4.01	ng		99
50) 2,6-Dinitrotoluene	12.25	165	19104	7.74	ng	#	33
51) Acenaphthene	12.30	154	20747	2.19	ng		98
54) Dibenzofuran	12.59	168	30277	2.27	ng		99
55) 4-Nitrophenol	12.59	139	11235	10.93	ng	#	31
57) Fluorene	13.14	166	44592	3.84	ng		93
70) Phenanthrene	14.68	178	173849	13.78	ng		97
71) Anthracene	14.77	178	44446	3.37	ng		94
74) Fluoranthene	16.46	202	114232	9.15	ng		100
77) Pyrene	16.76	202	107131	7.69	ng		96
80) Benzo(a)anthracene	18.39	228	34547	3.18	ng		91
82) Chrysene	18.39	228	34648	3.20	ng	#	94
87) Benzo(b)fluoranthene	19.62	252	30984	3.28	ng	#	64
88) Benzo(k)fluoranthene	19.62	252	30984	3.43	ng	#	68
89) Benzo(a)pyrene	19.97	252	19190	2.21	ng	#	62

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

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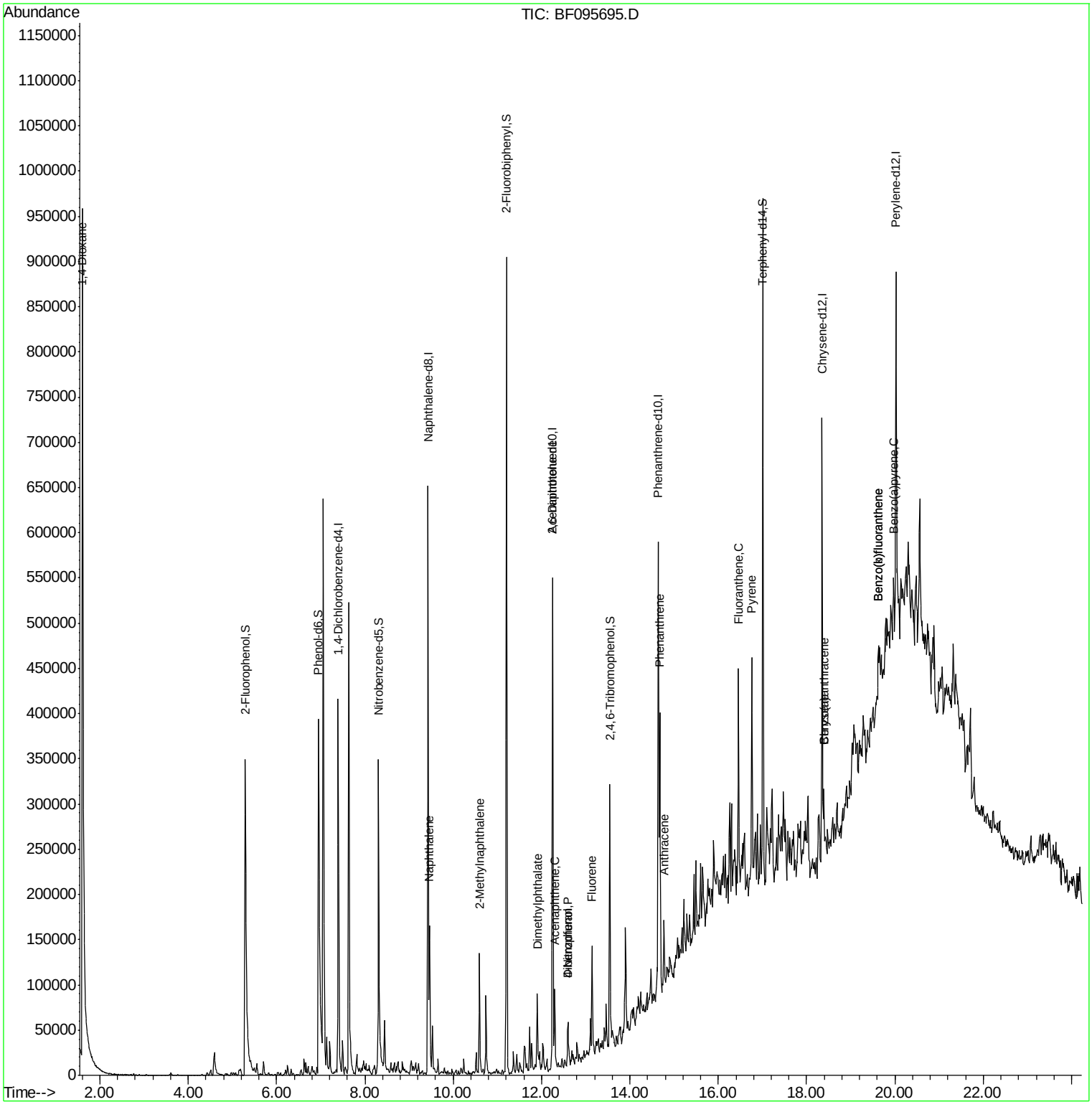
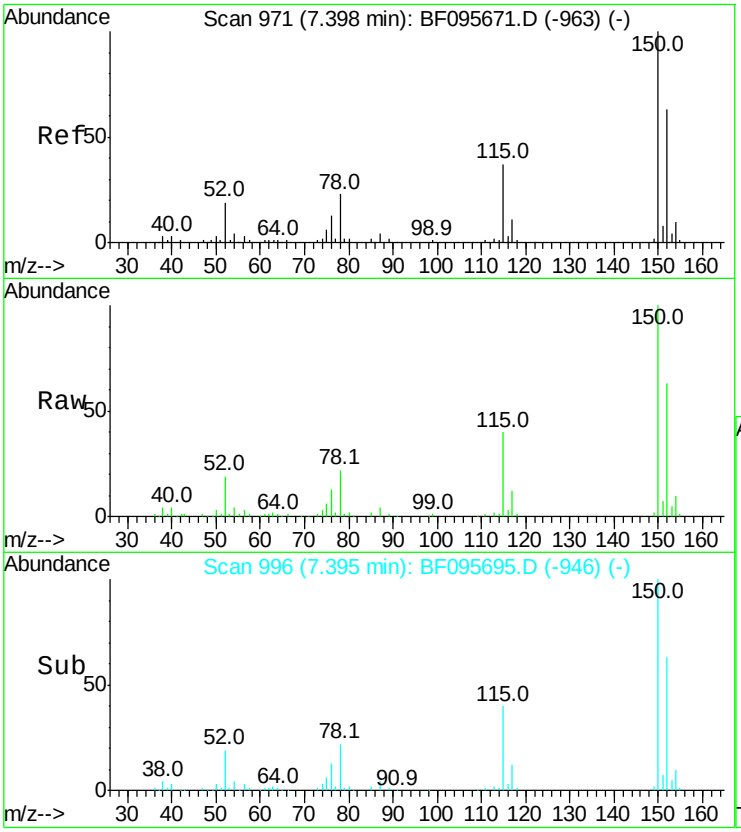


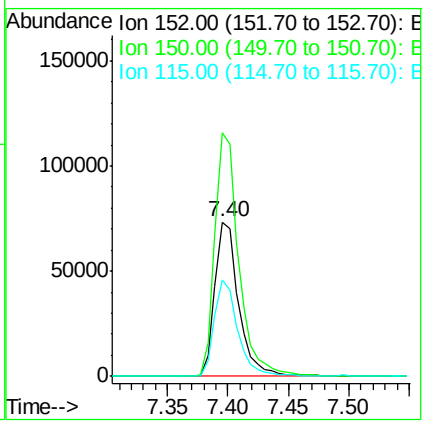


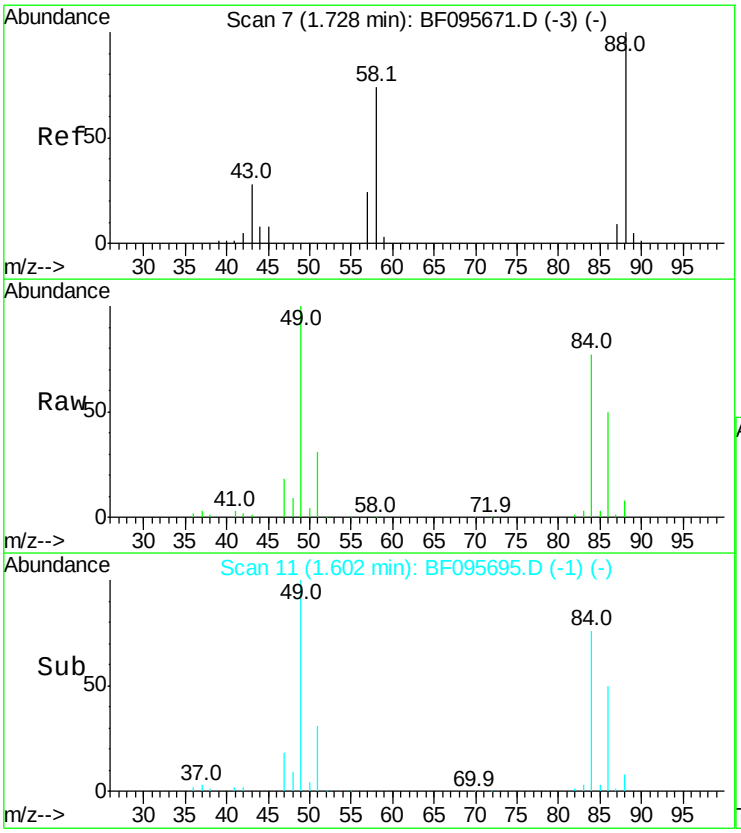
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100053

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	62.5	52.2	78.2

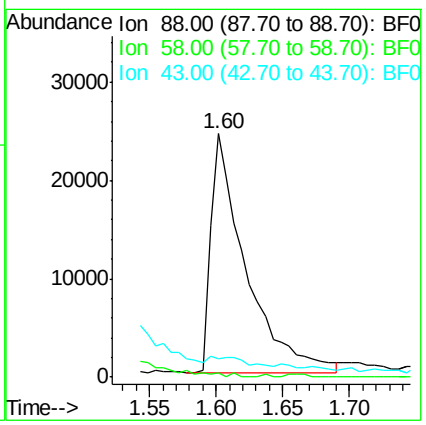


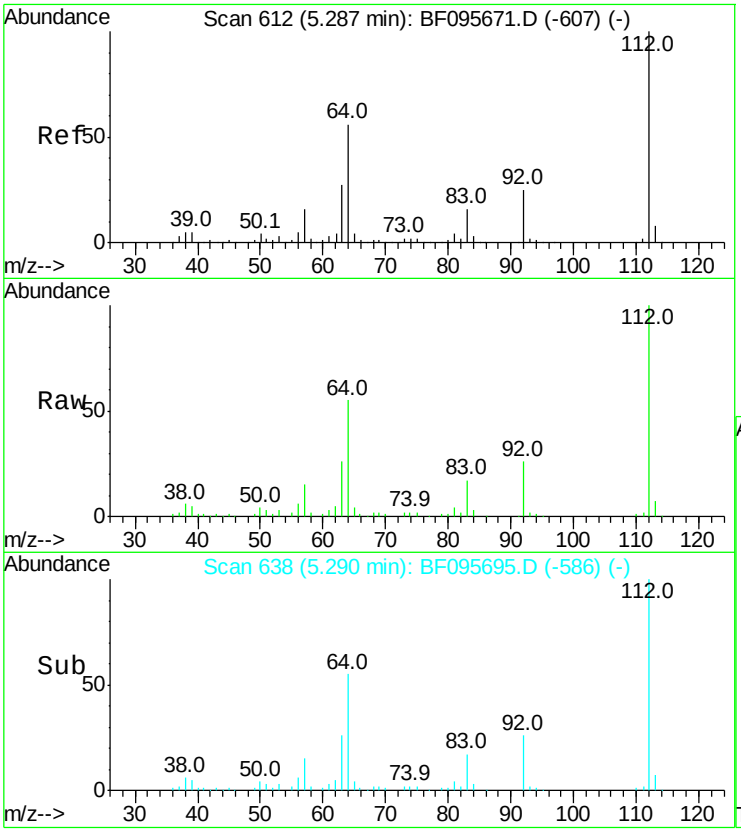


#2
1,4-Dioxane
Concen: 15.10 ng
RT: 1.60 min Scan# 11
Delta R.T. -0.13 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion: 88 Resp: 45091

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	3.9	23.4	35.0#



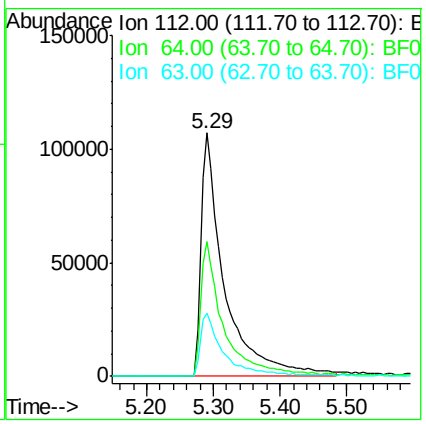


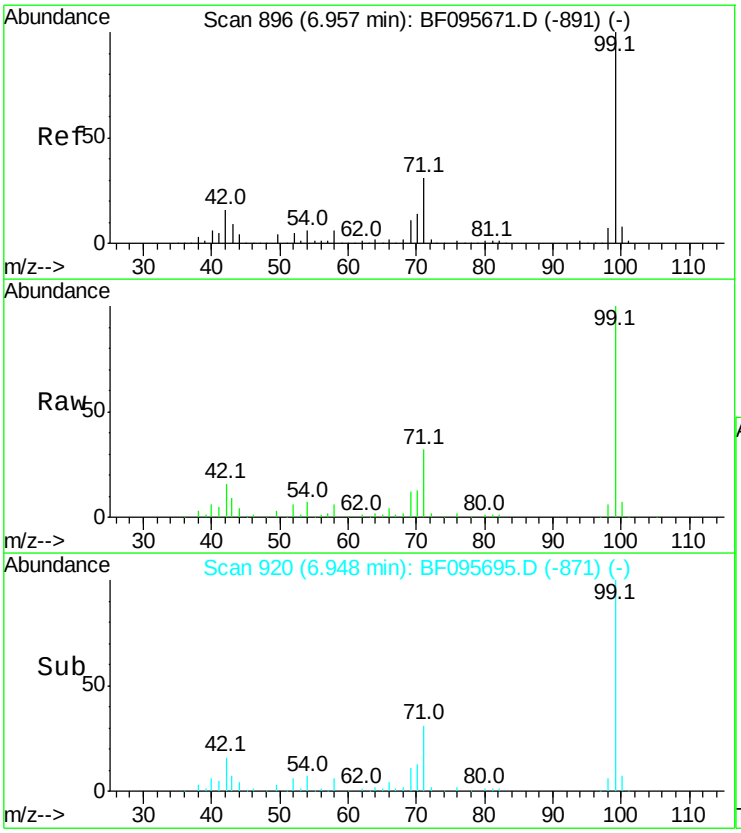
#5
2-Fluorophenol
Concen: 41.30 ng
RT: 5.29 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 259324

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	26.0	23.4	35.0

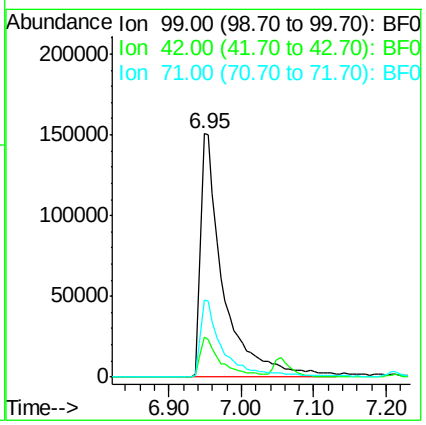


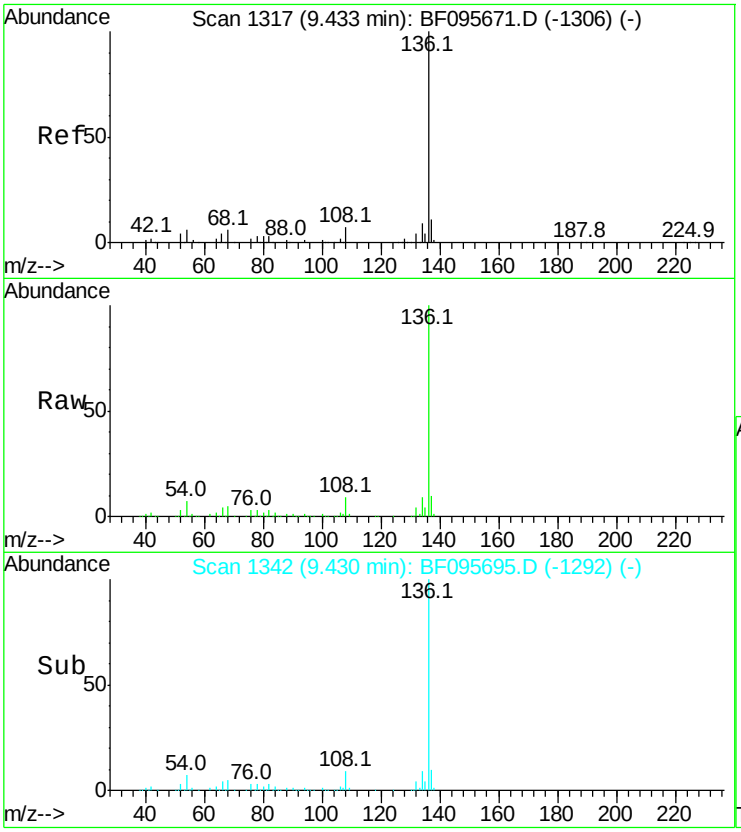


#7
Phenol-d6
Concen: 43.64 ng
RT: 6.95 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion: 99 Resp: 328049

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	31.7	24.5	36.7



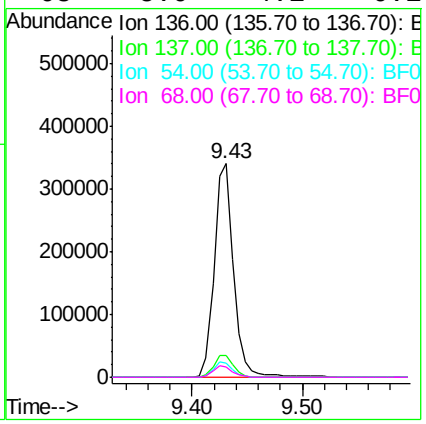


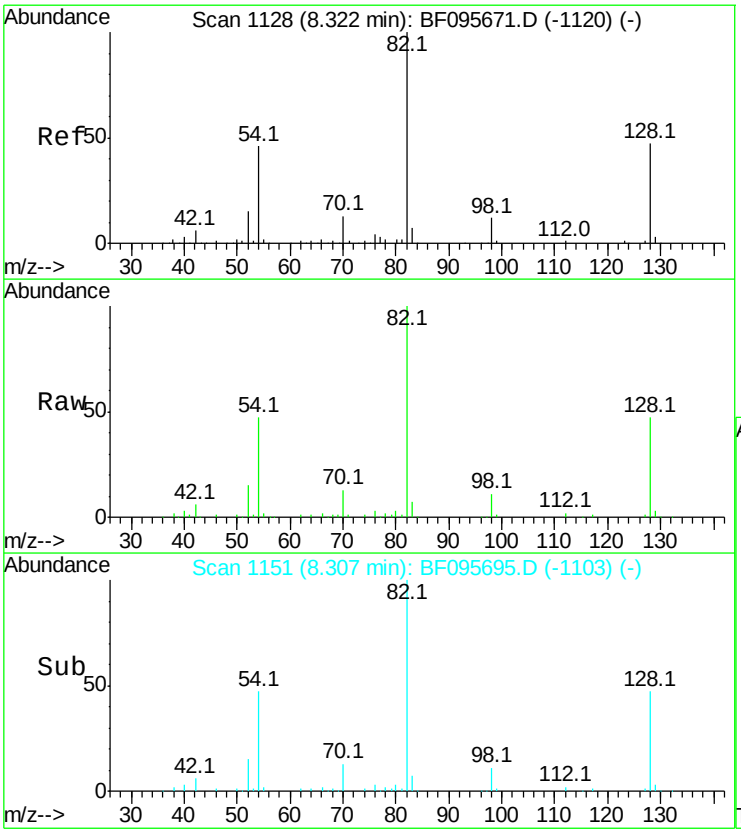
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.43 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 411366

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.7	4.9	7.3
68	5.0	4.1	6.1

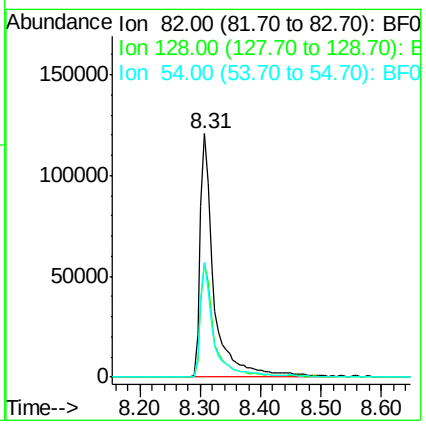


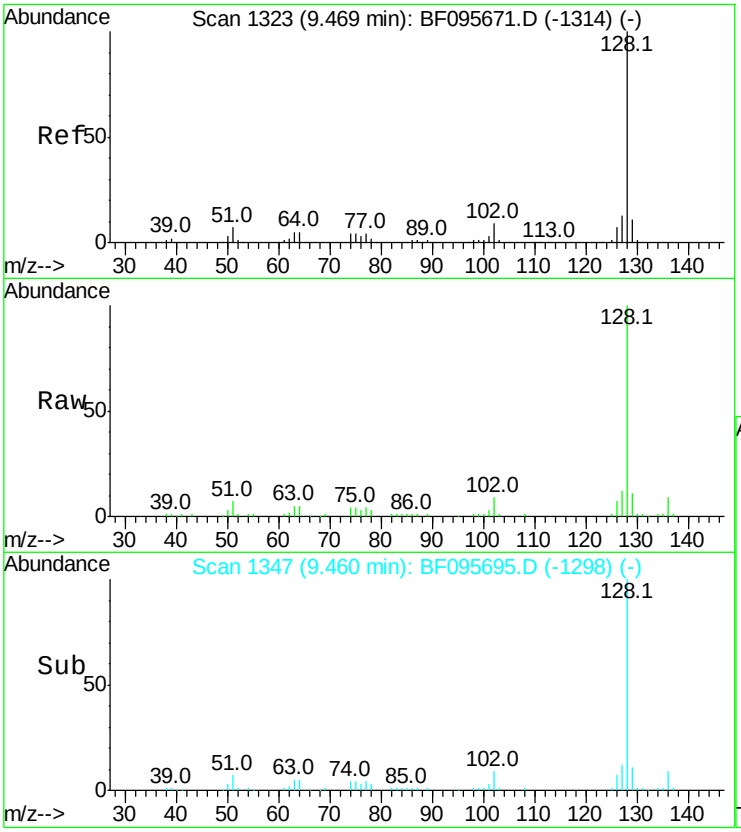


#23
Nitrobenzene-d5
Concen: 29.34 ng
RT: 8.31 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion: 82 Resp: 194322

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.9	42.2	63.2



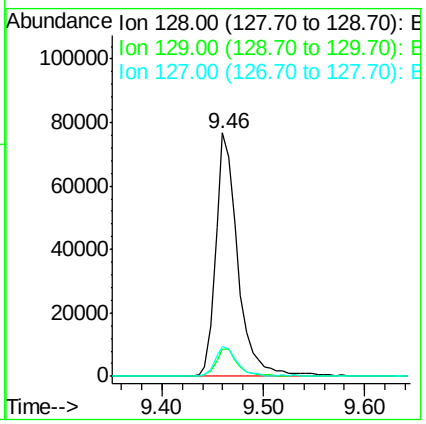


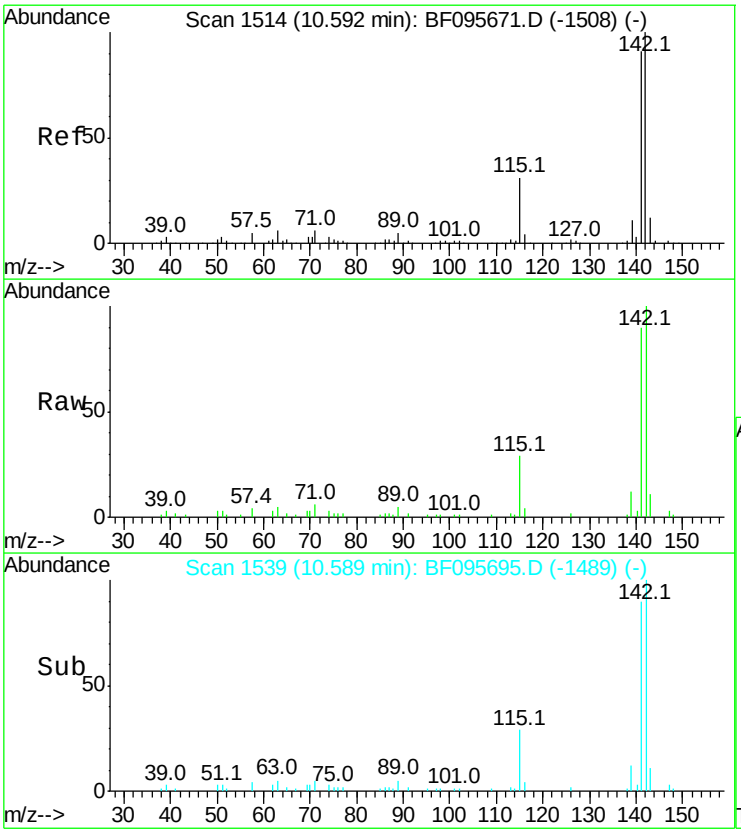
#31
Naphthalene
Concen: 5.59 ng
RT: 9.46 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 115412

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.1	10.8	16.2

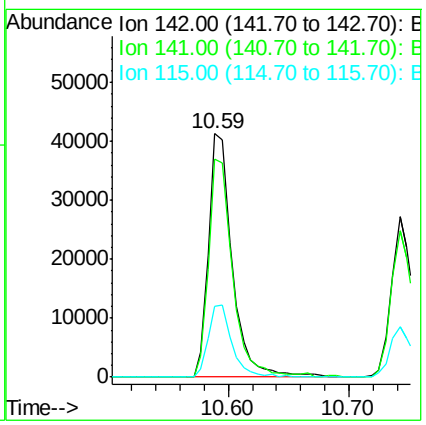


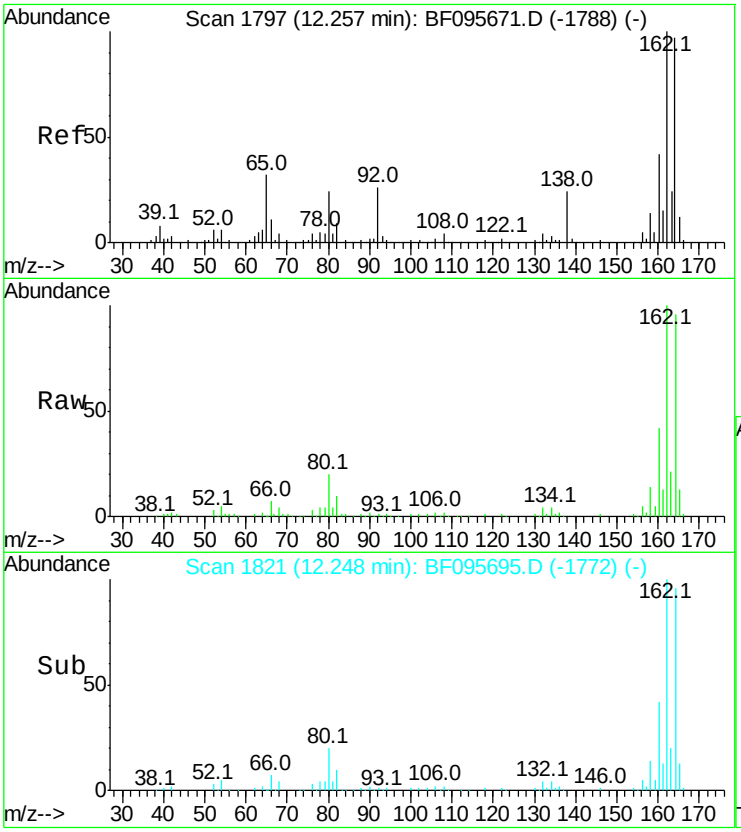


#37
2-Methylnaphthalene
Concen: 4.00 ng
RT: 10.59 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:142 Resp: 55815

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	29.2	27.1	40.7



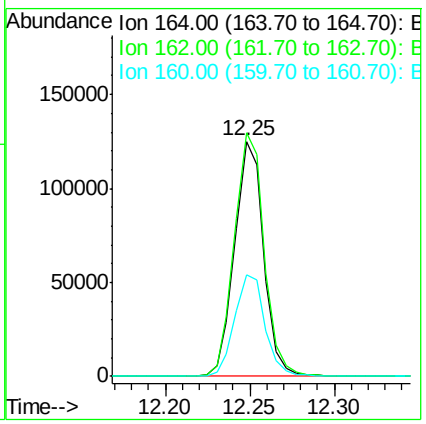


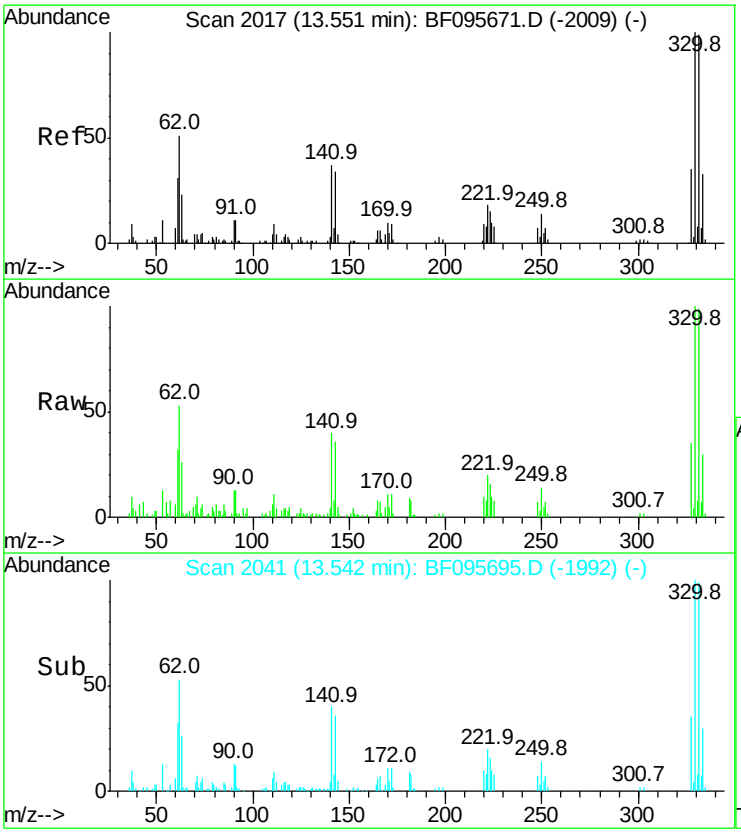
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 149097

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	43.3	36.2	54.2

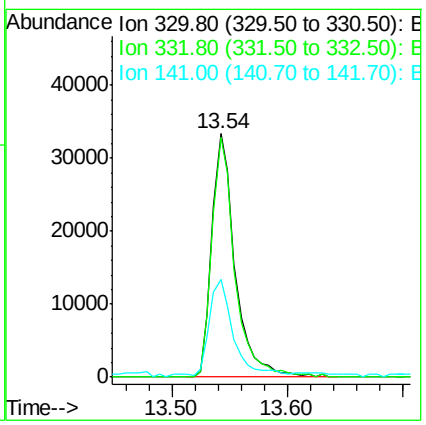


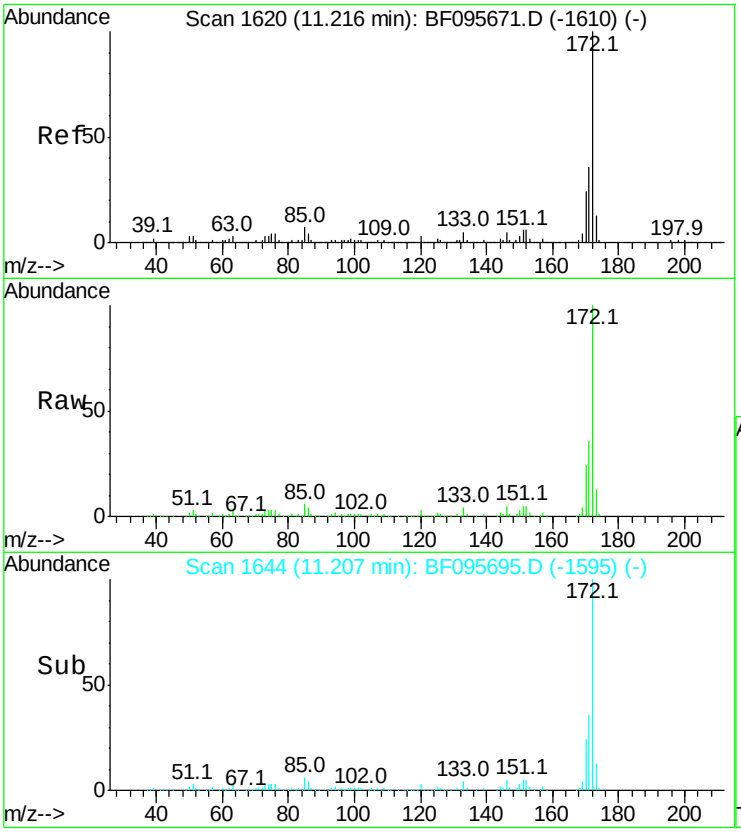


#41
2,4,6-Tribromophenol
Concen: 35.45 ng
RT: 13.54 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:330 Resp: 46769

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	43.3	31.4	47.2



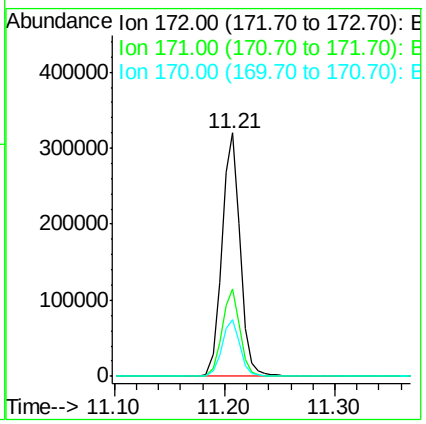


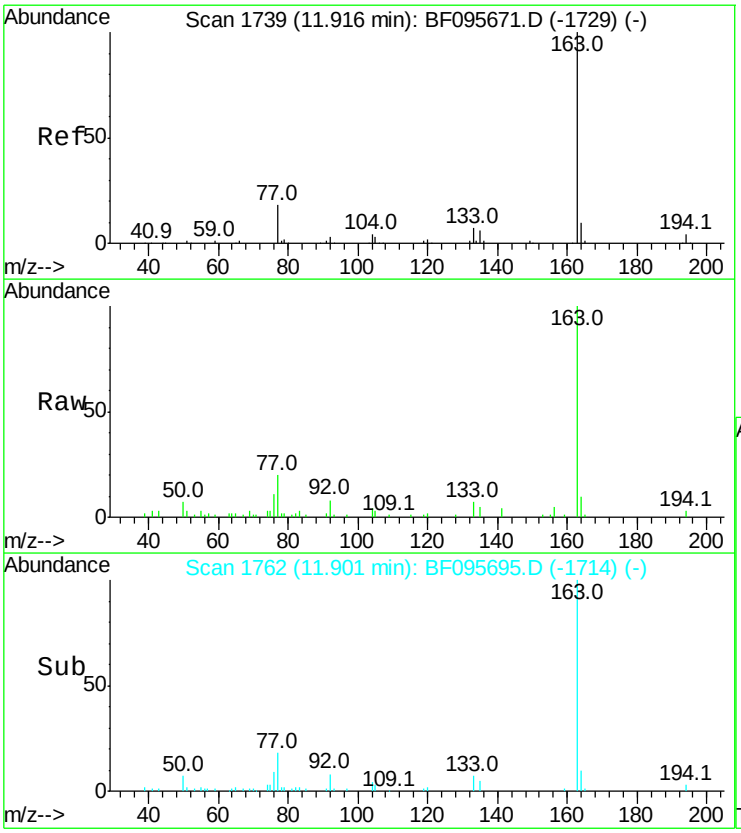
#44
2-Fluorobiphenyl
Concen: 34.45 ng
RT: 11.21 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 369093

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	19.8	29.8

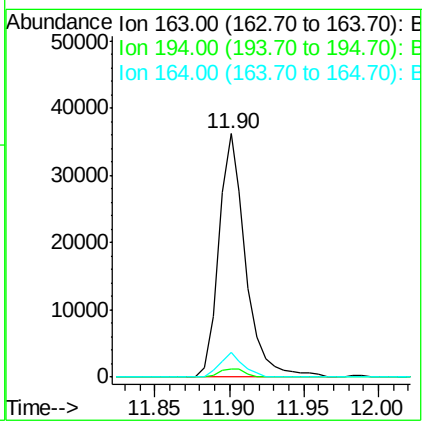


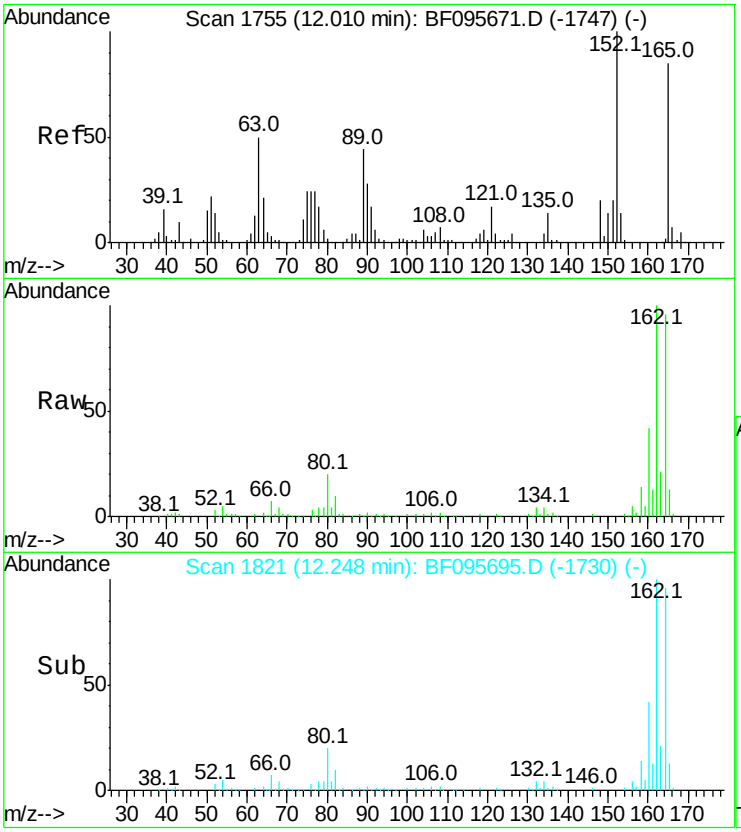


#49
Dimethylphthalate
Concen: 4.01 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:163 Resp: 45434

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6



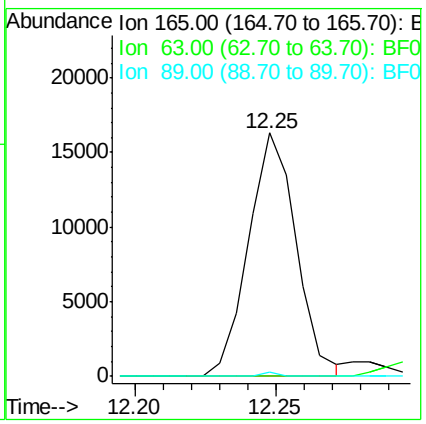


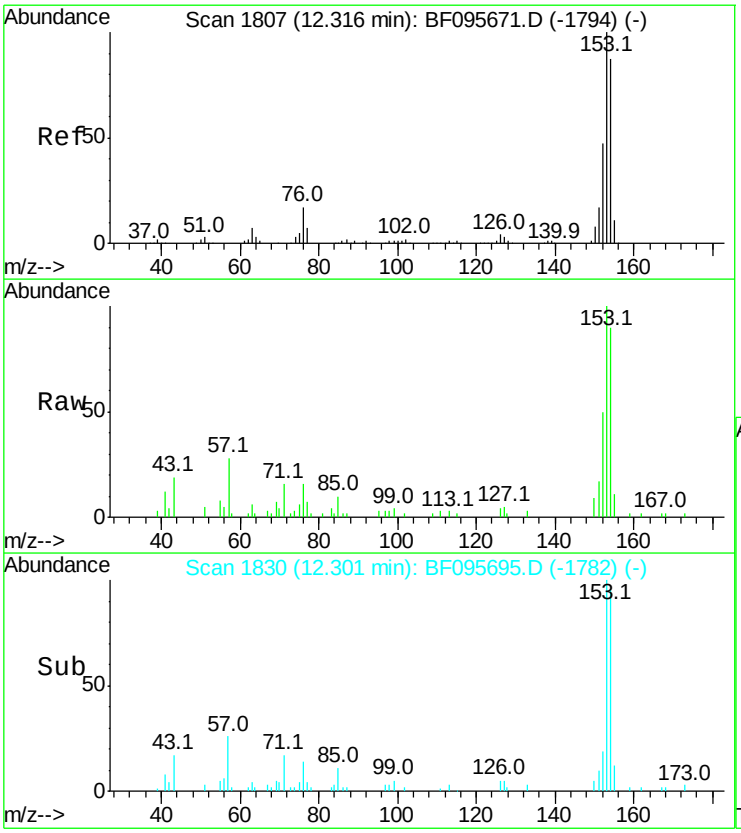
#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 12.25 min Scan# 1821
Delta R.T. 0.24 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19104

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	37.1	55.7#

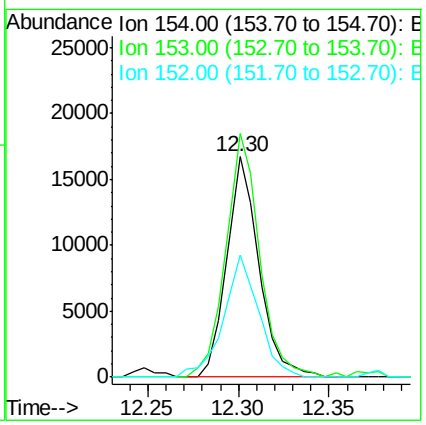


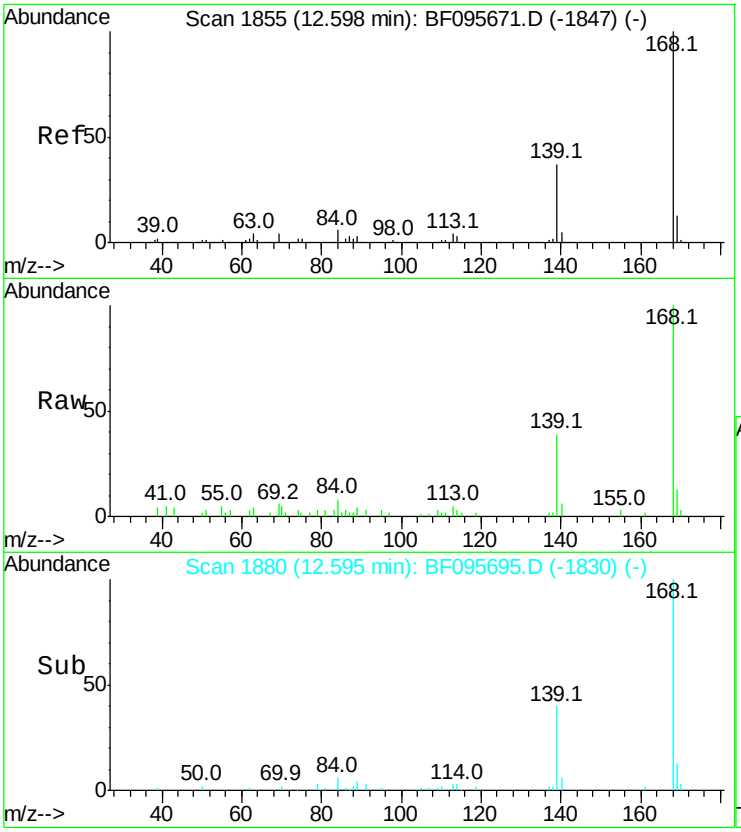


#51
Acenaphthene
Concen: 2.19 ng
RT: 12.30 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:154 Resp: 20747

Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.5	135.7
152	55.4	43.6	65.4



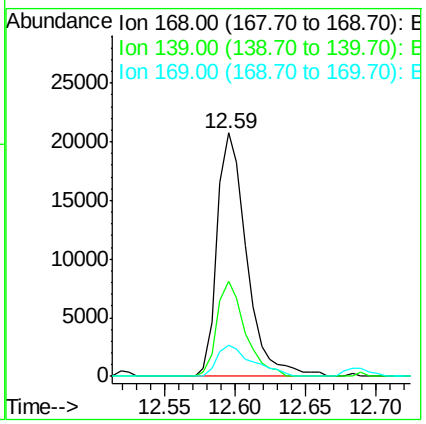


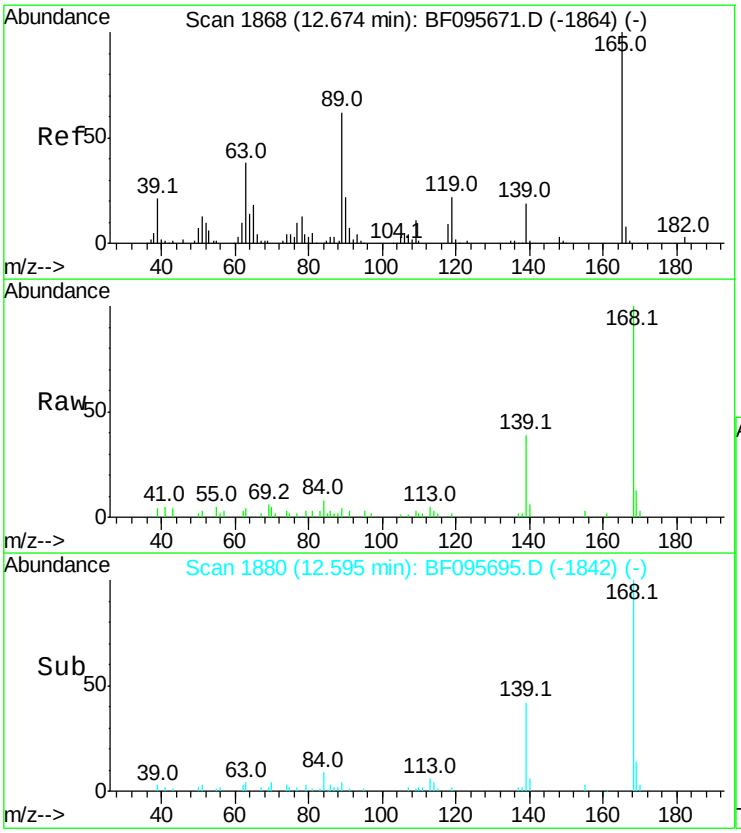
#54
Dibenzofuran
Concen: 2.27 ng
RT: 12.59 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 30277

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.6	45.8
169	12.7	10.8	16.2

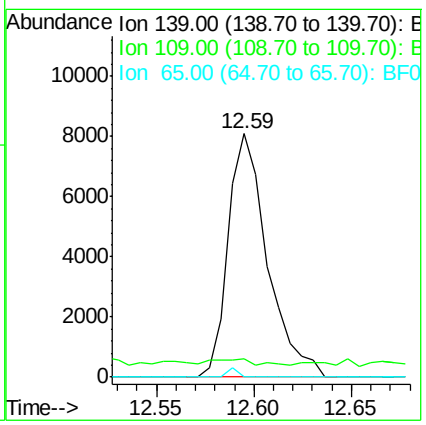


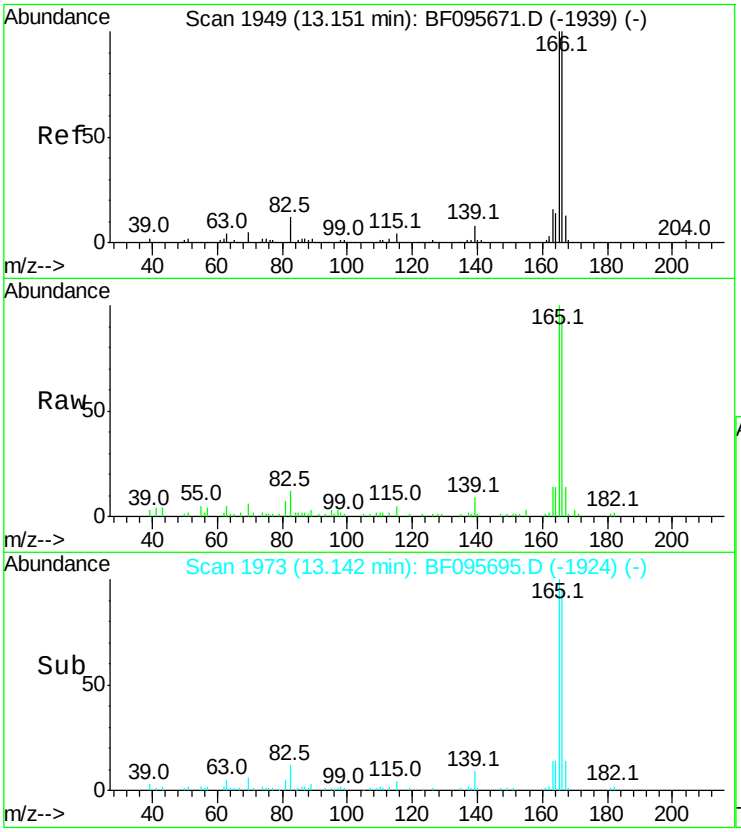


#55
4-Nitrophenol
Concen: 10.93 ng
RT: 12.59 min Scan# 1880
Delta R.T. -0.08 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:139 Resp: 11235

Ion	Ratio	Lower	Upper
139	100		
109	7.5	34.1	74.1#
65	0.0	31.4	71.4#



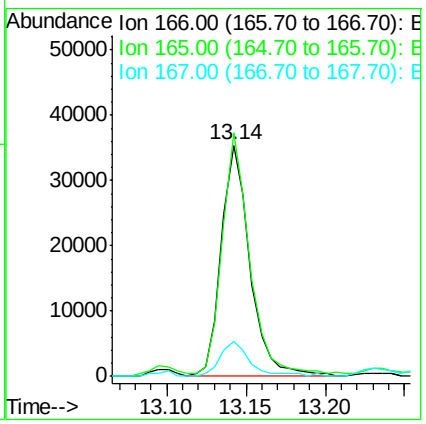


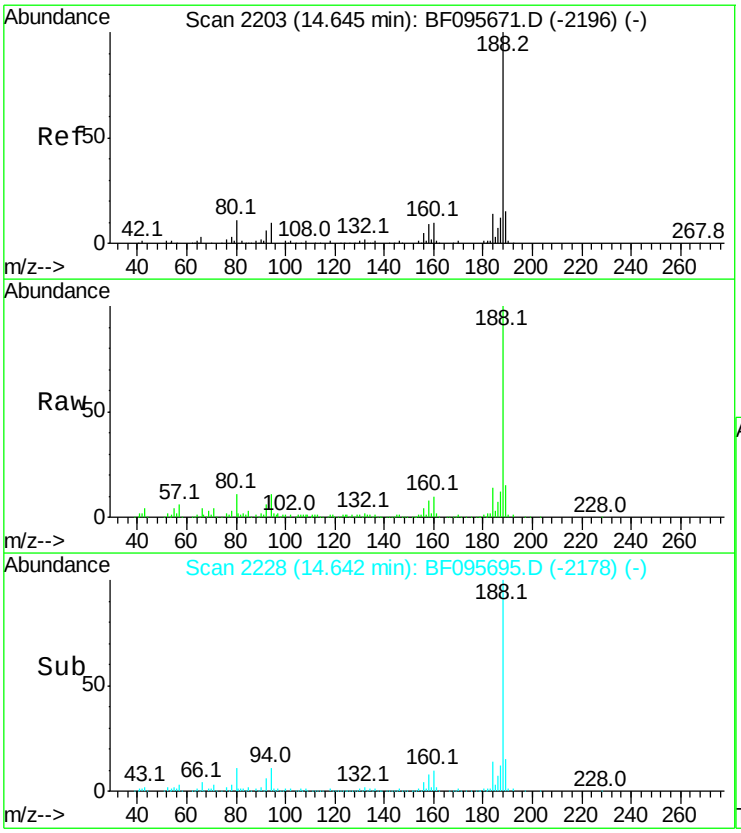
#57
Fluorene
Concen: 3.84 ng
RT: 13.14 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 44592

Ion	Ratio	Lower	Upper
166	100		
165	105.4	78.8	118.2
167	14.9	10.6	16.0

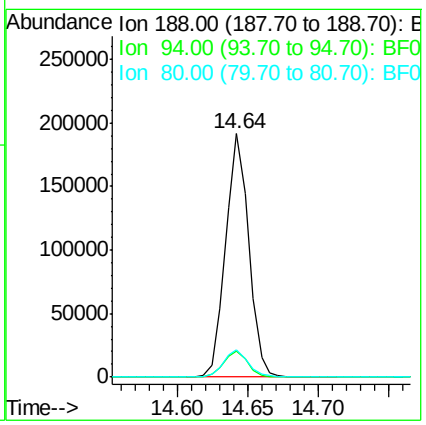


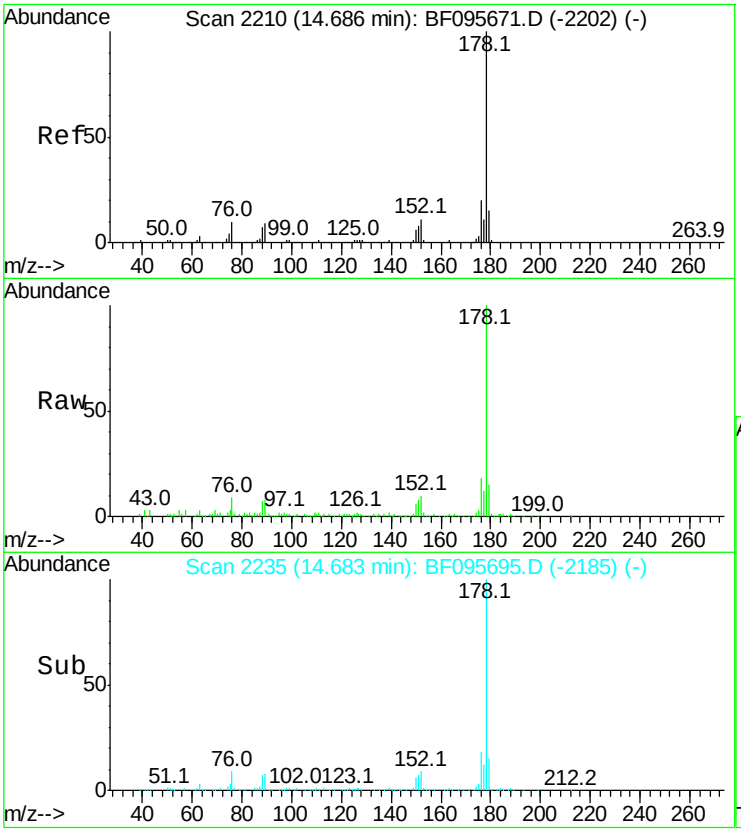


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:188 Resp: 218681

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.0	10.2	15.2



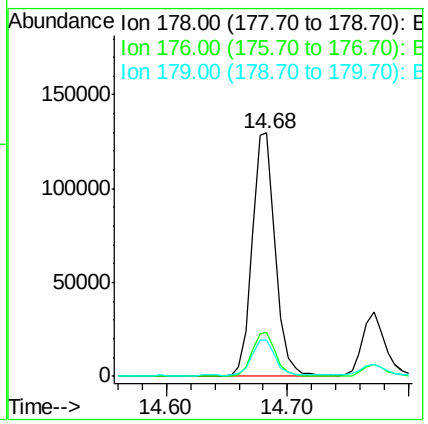


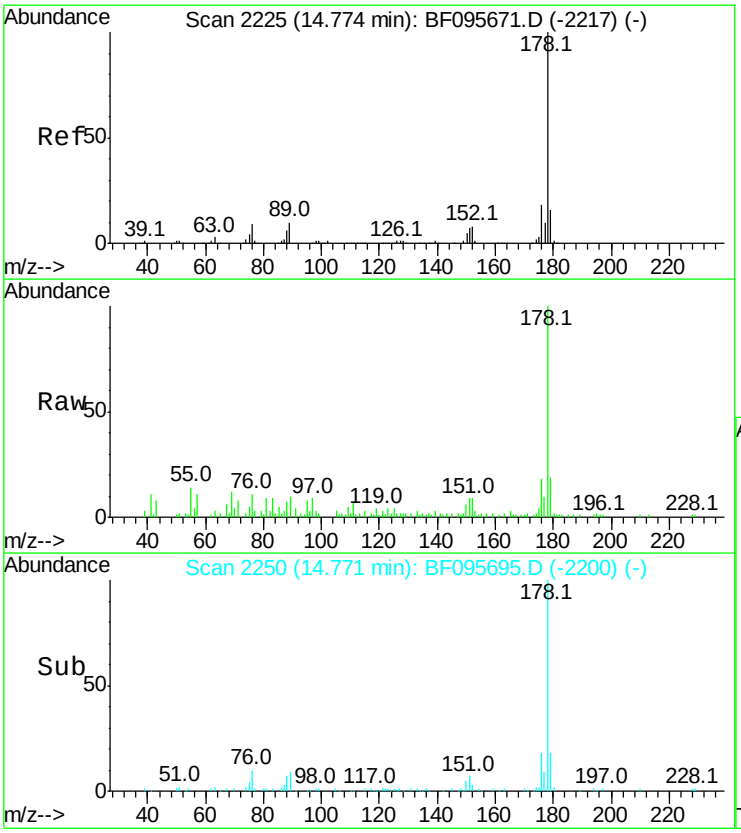
#70
Phenanthrene
Concen: 13.78 ng
RT: 14.68 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 173849

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	14.8	12.6	19.0

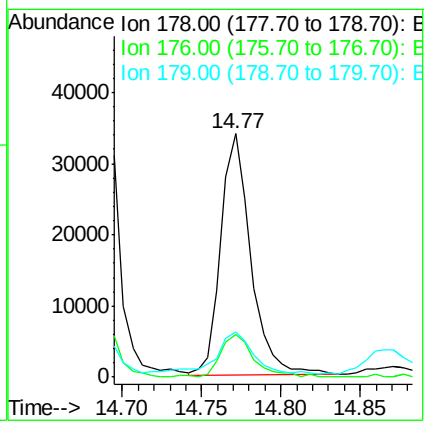


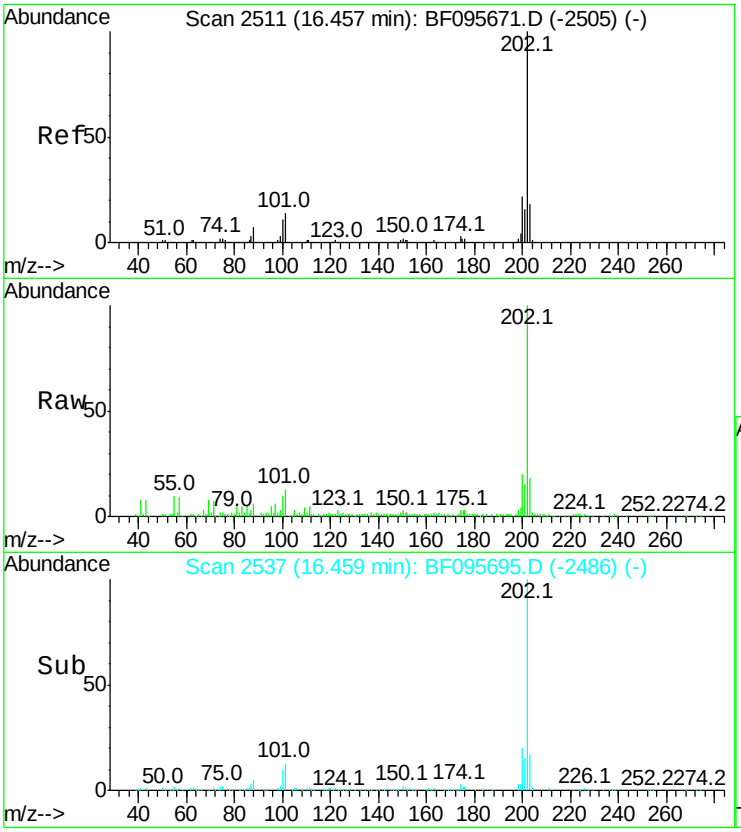


#71
Anthracene
Concen: 3.37 ng
RT: 14.77 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:178 Resp: 44446

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	18.8	12.7	19.1



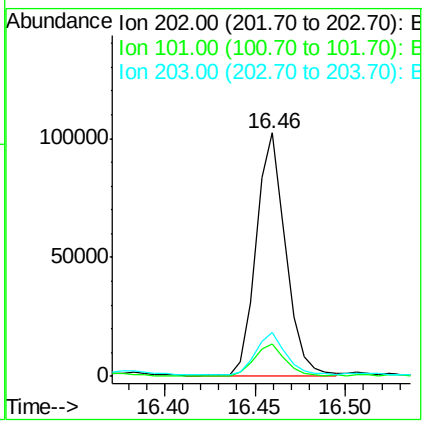


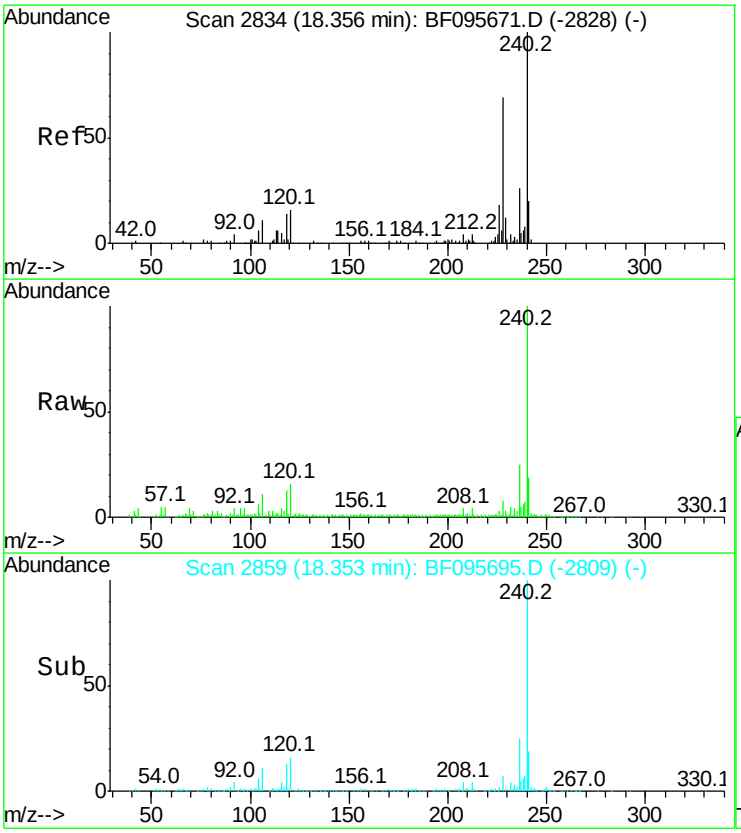
#74
Fluoranthene
Concen: 9.15 ng
RT: 16.46 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 114232

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	18.1	0.0	38.1

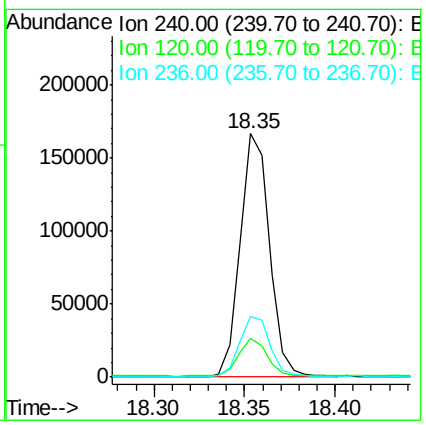


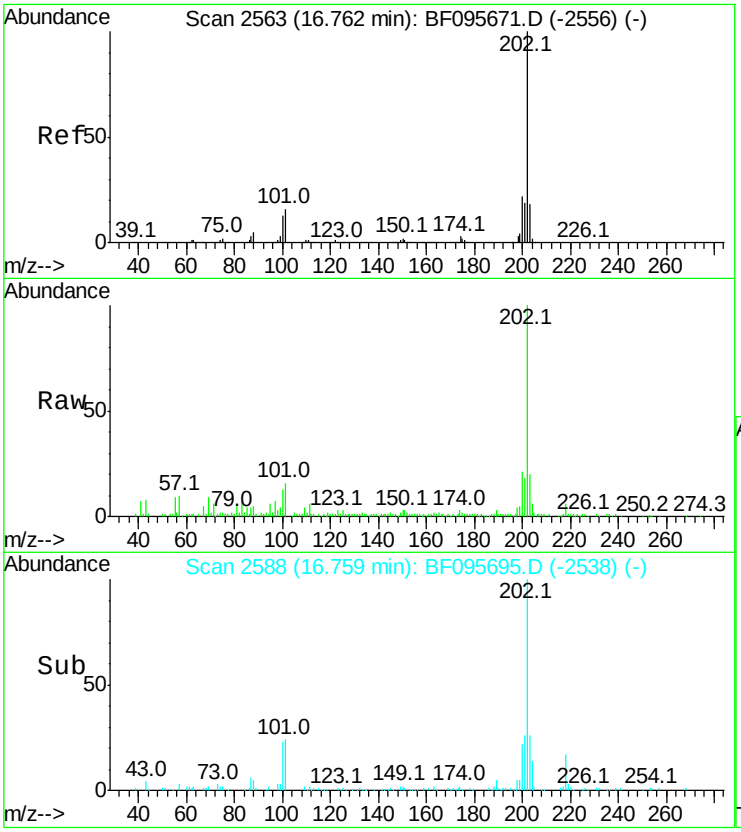


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:240 Resp: 186616

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.0	20.5	30.7



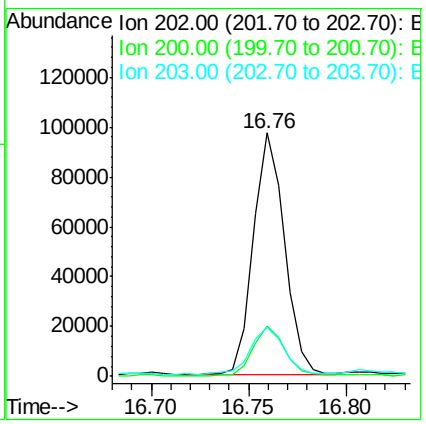


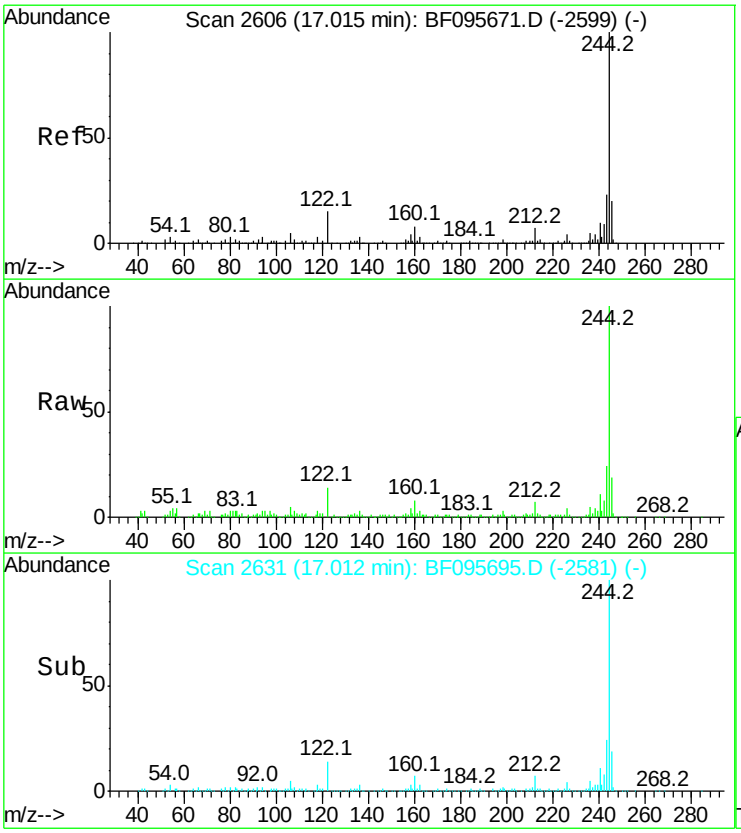
#77
Pyrene
Concen: 7.69 ng
RT: 16.76 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 107131

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	20.3	14.4	21.6

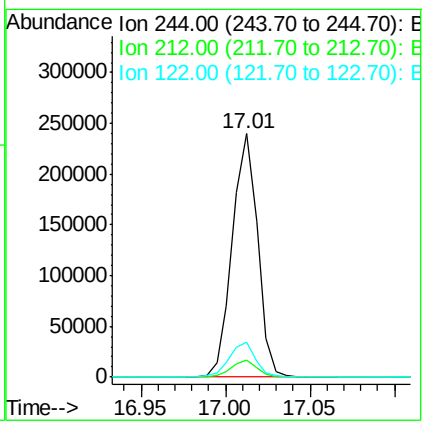


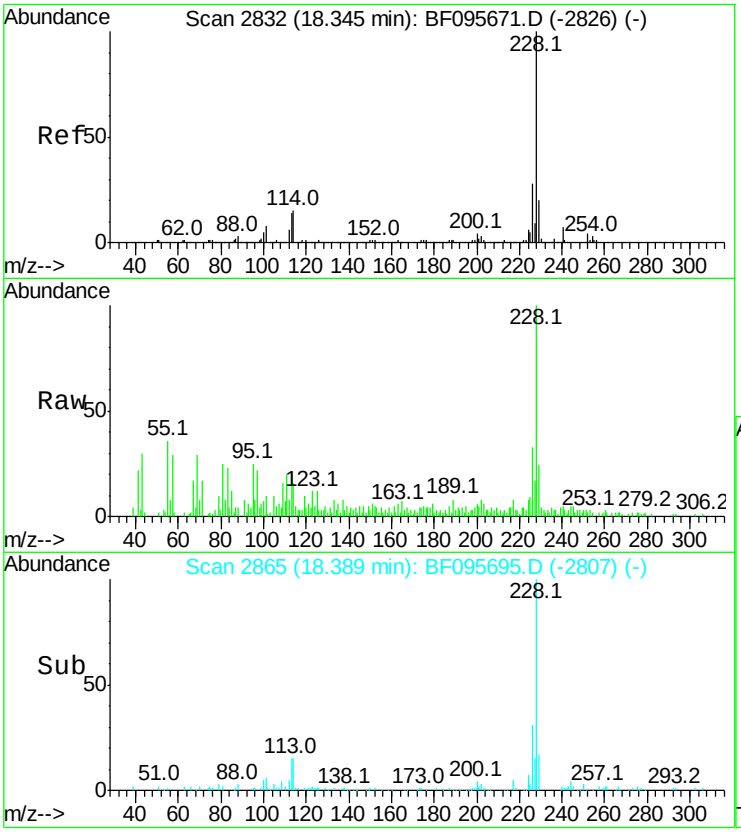


#78
Terphenyl-d14
Concen: 33.24 ng
RT: 17.01 min Scan# 2631
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:244 Resp: 249931

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.5	10.3	15.5



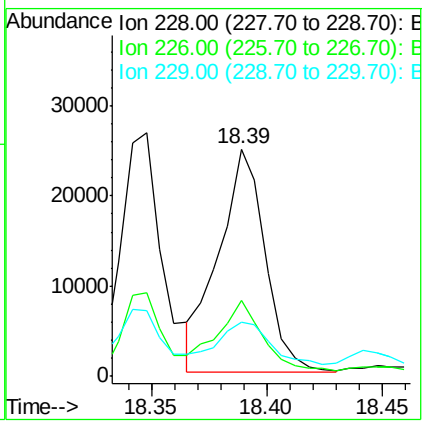


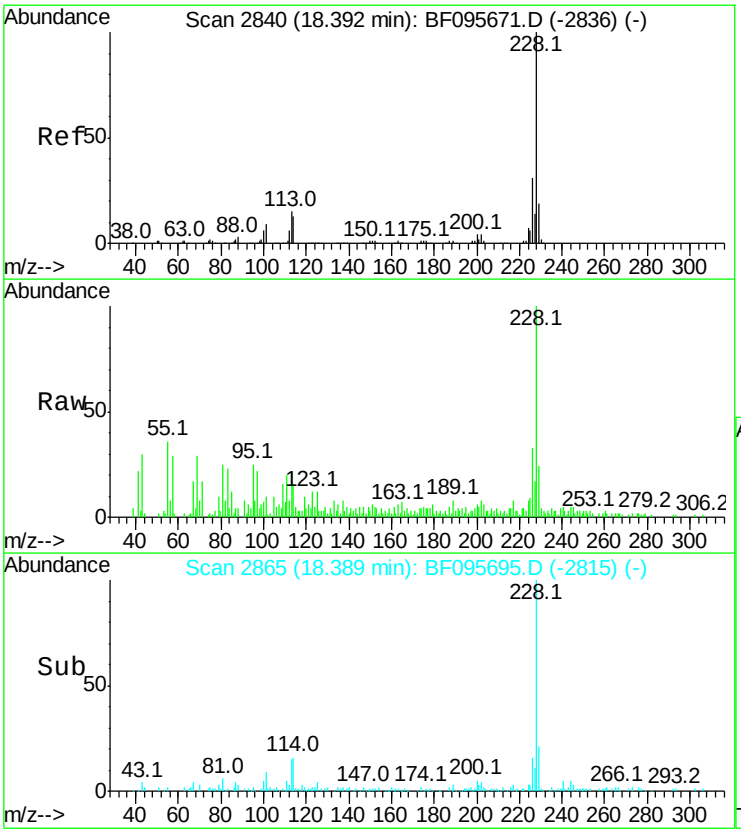
#80
Benzo(a)anthracene
Concen: 3.18 ng
RT: 18.39 min Scan# 2865
Delta R.T. 0.04 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 34547

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	23.8	16.3	24.5

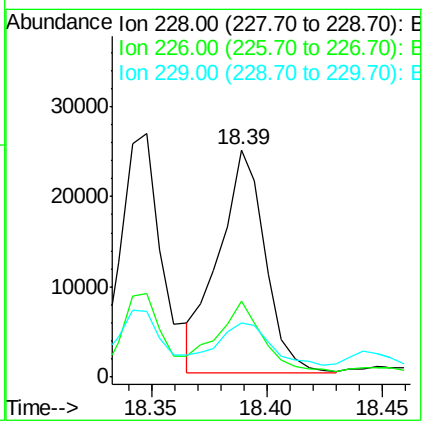


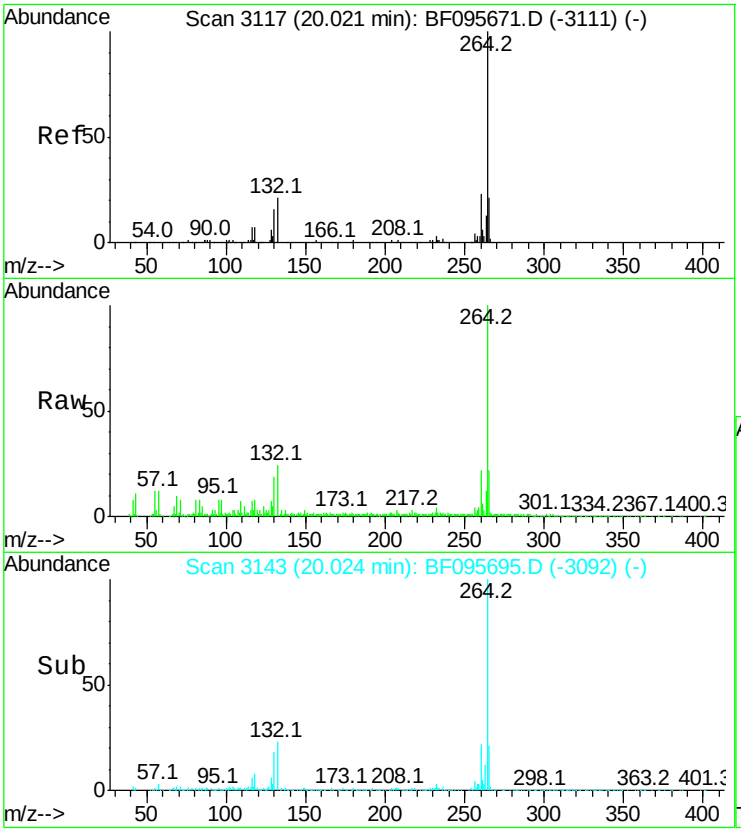


#82
Chrysene
Concen: 3.20 ng
RT: 18.39 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:228 Resp: 34648

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	23.8	15.8	23.6#



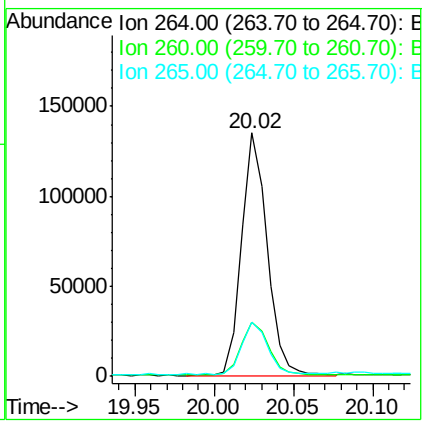


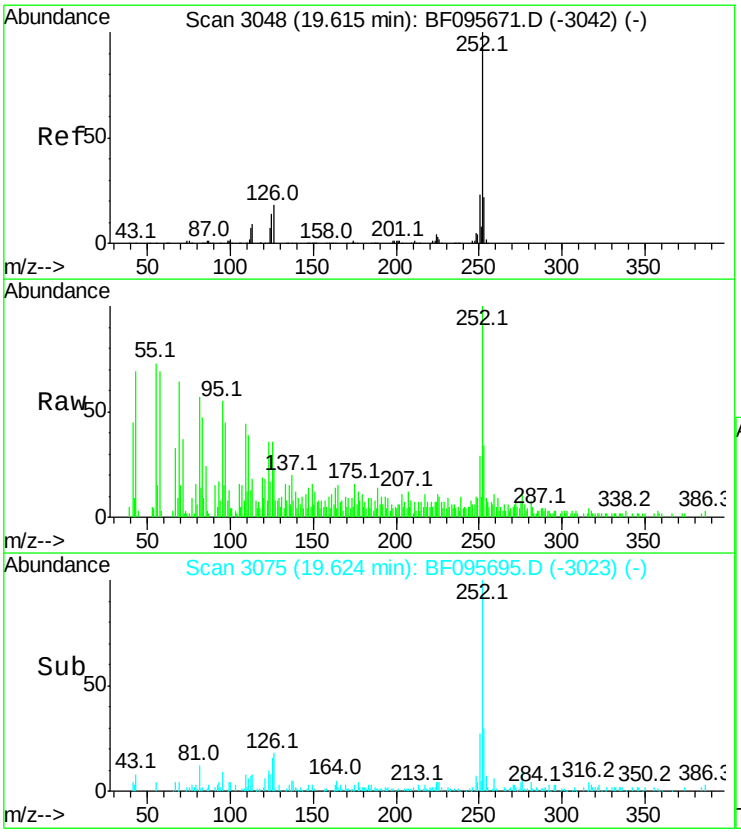
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150838

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.1	17.2	25.8

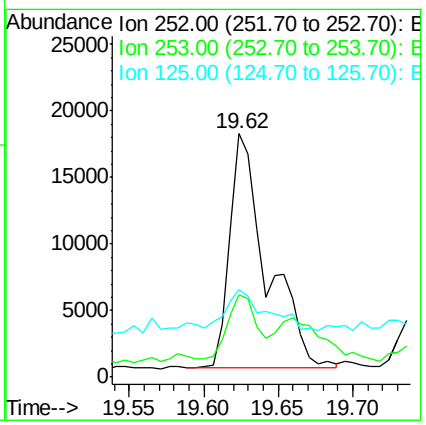


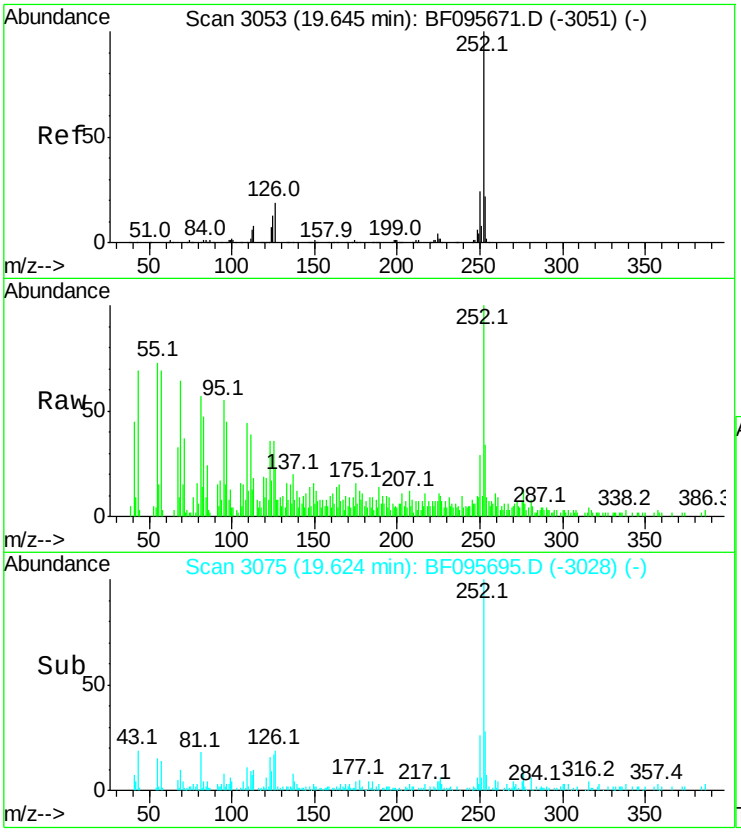


#87
Benzo(b)fluoranthene
Concen: 3.28 ng
RT: 19.62 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:252 Resp: 30984

Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.1	27.1#
125	36.0	9.8	14.8#



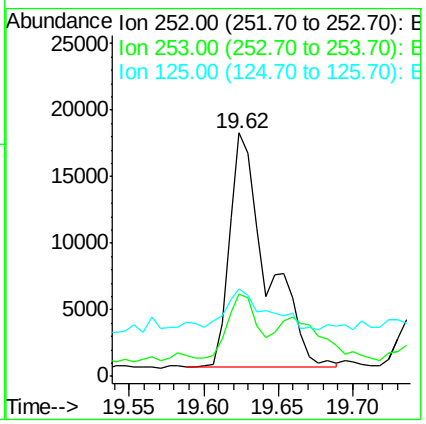


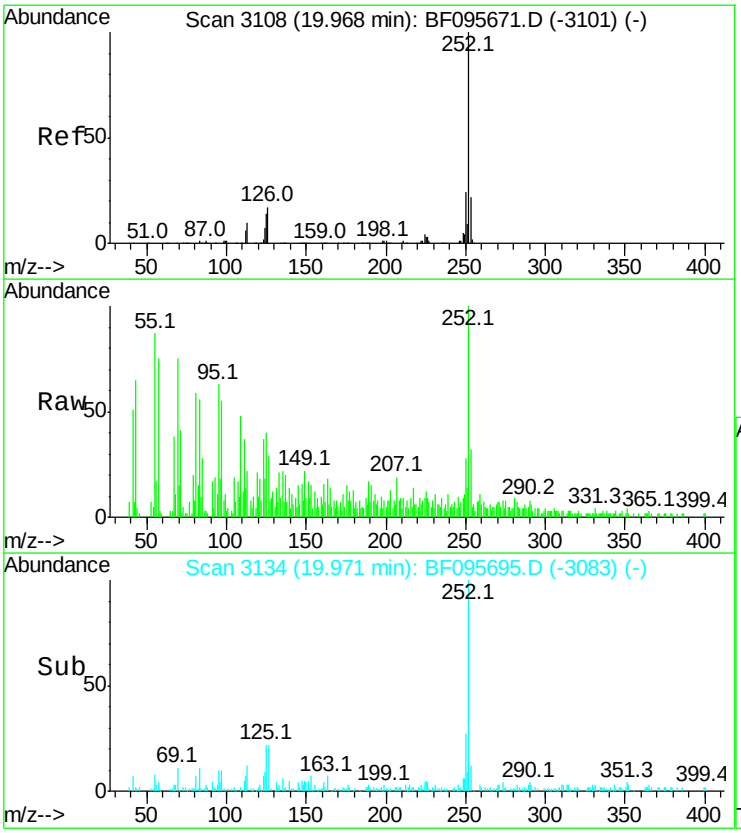
#88
Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 19.62 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30984

Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.4	27.6#
125	36.0	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.21 ng
RT: 19.97 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BF095695.D
Acq: 6 Jun 2017 2:58

Tgt Ion:252 Resp: 19190

Ion	Ratio	Lower	Upper
252	100		
253	31.8	17.5	26.3#
125	40.3	11.0	16.4#