Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095770.D
Acq On : 8 Jun 2017 4:51
Operator : SJ/MA
Sample : I3465-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 08 07:36:41 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	7.39	152	70305	20.00	ng		-0.01
21) Naphthalene-d8	9.42	136	279944	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	111741	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	170182	20.00	ng		-0.01
75) Chrysene-d12	18.34	240	142840	20.00	ng		-0.01
86) Perylene-d12	20.01	264	101727	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	303653	68.82	ng		-0.01
7) Phenol-d6	6.94	99	364265	68.96	ng		-0.02
23) Nitrobenzene-d5	8.29	82	195605	43.39	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	55507	56.14	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	263788	32.85	ng		-0.02
78) Terphenyl-d14	17.00	244	159073	27.64	ng		-0.01
Target Compounds							Qvalue
6) Aniline	7.02	93	41043	5.94	ng	#	65
11) bis(2-Chloroethyl)ether	7.02	93	41043	9.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.88	45	13203	2.16	ng		94
17) 2-Methylphenol	7.93	107	18817	4.78	ng		95
19) n-Nitroso-di-n-propylamine	8.29	70	24929	7.45	ng	#	74
20) 3+4-Methylphenols	8.22	107	22353	4.47	ng	#	57
27) 2,4-Dimethylphenol	9.03	122	27817	7.11	ng	#	93
31) Naphthalene	9.45	128	188175	13.39	ng		99
32) Benzoic acid	9.30	122	9988	8.77	ng	#	12
33) 4-Chloroaniline	9.45	127	24319	4.43	ng	#	32
37) 2-Methylnaphthalene	10.58	142	29895	3.15	ng		93
49) Dimethylphthalate	11.89	163	90192	10.63	ng		98
55) 4-Nitrophenol	12.60	139	249	4.81	ng	#	25
70) Phenanthrene	14.67	178	33048	3.37	ng		99
77) Pyrene	16.75	202	30210	2.83	ng		98
80) Benzo(a)anthracene	18.33	228	18944	2.28	ng		94
82) Chrysene	18.33	228	18944	2.28	ng		96
87) Benzo(b)fluoranthene	19.62	252	20893	3.28	ng	#	96
88) Benzo(k)fluoranthene	19.62	252	20893	3.43	ng		97
89) Benzo(a)pyrene	19.96	252	21798	3.72	ng		98
91) Benzo(g,h,i)perylene	21.54	276	10470	2.07	ng	#	89

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

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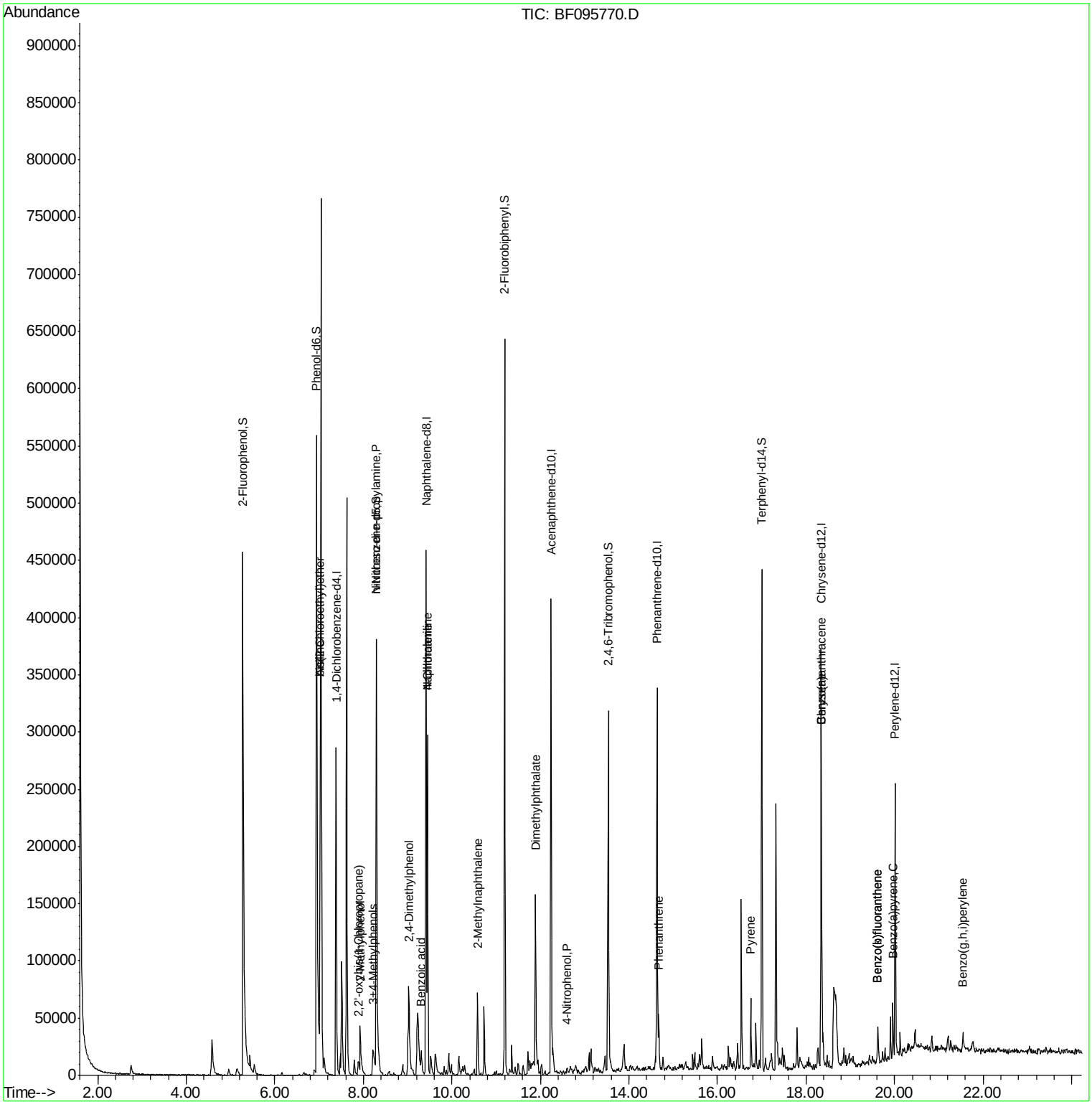
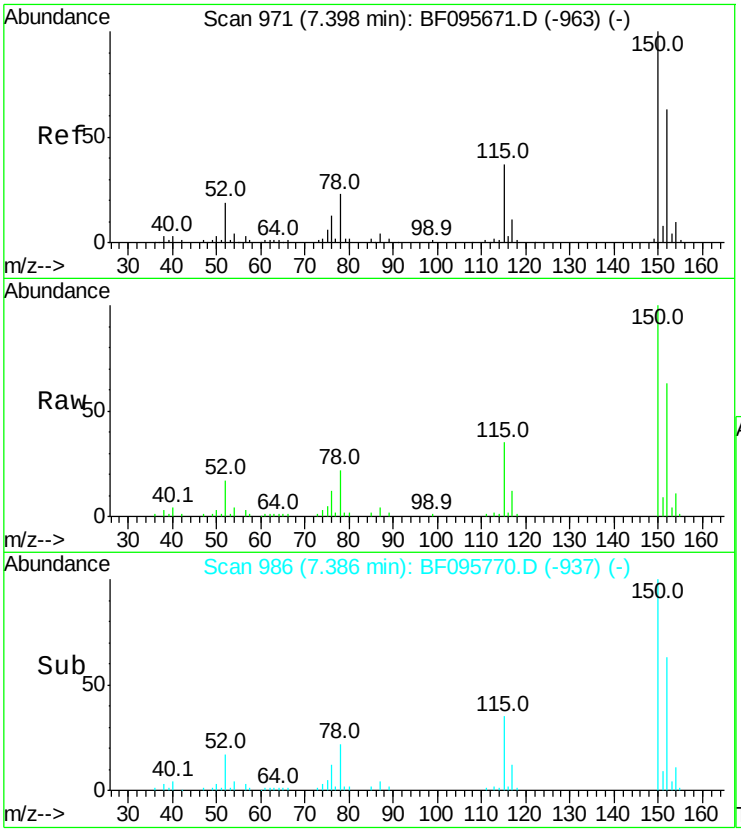


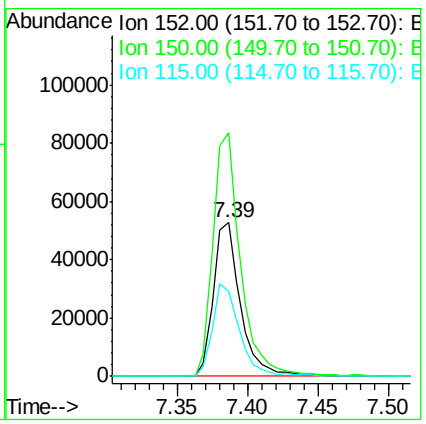


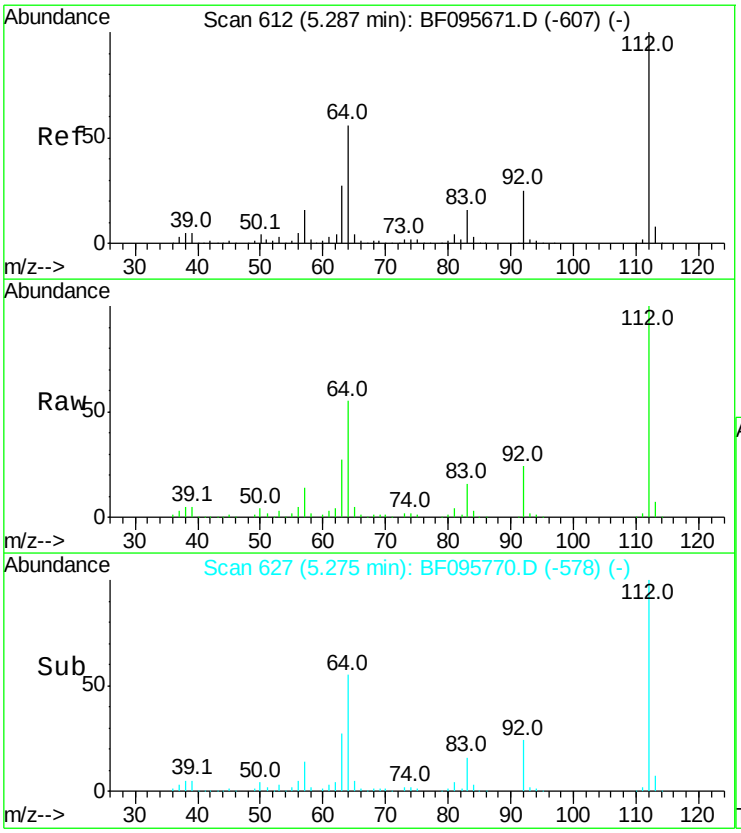
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70305

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	55.6	52.2	78.2

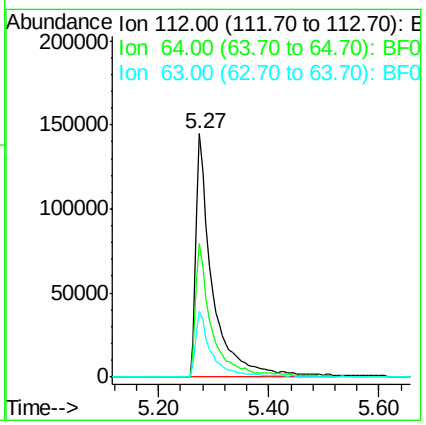


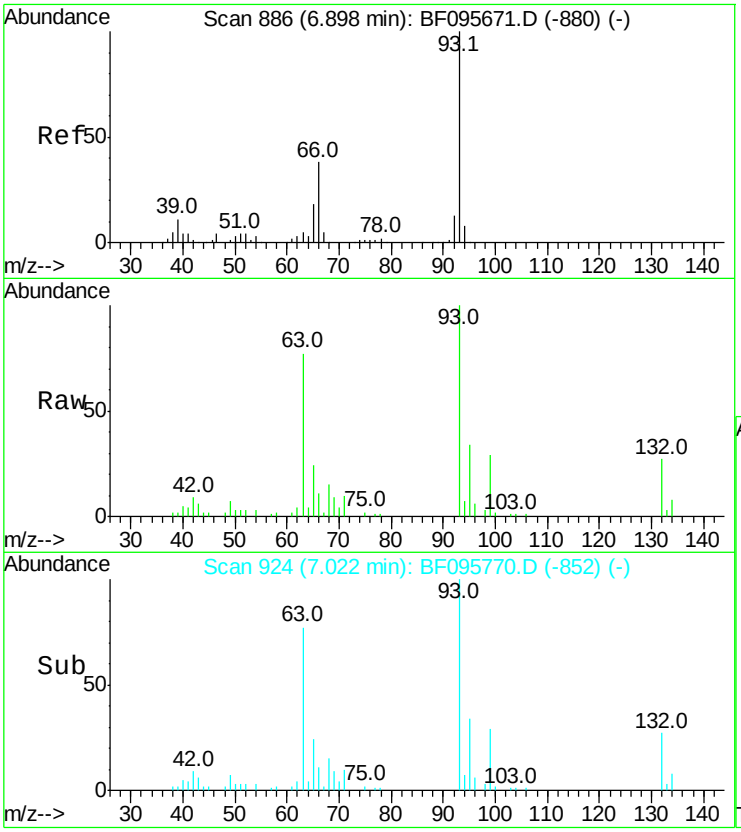


#5
2-Fluorophenol
Concen: 68.82 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:112 Resp: 303653

Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	27.0	23.4	35.0



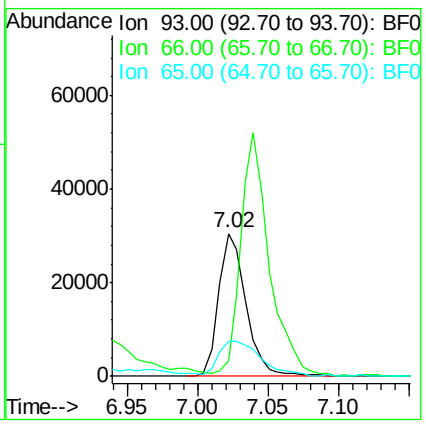


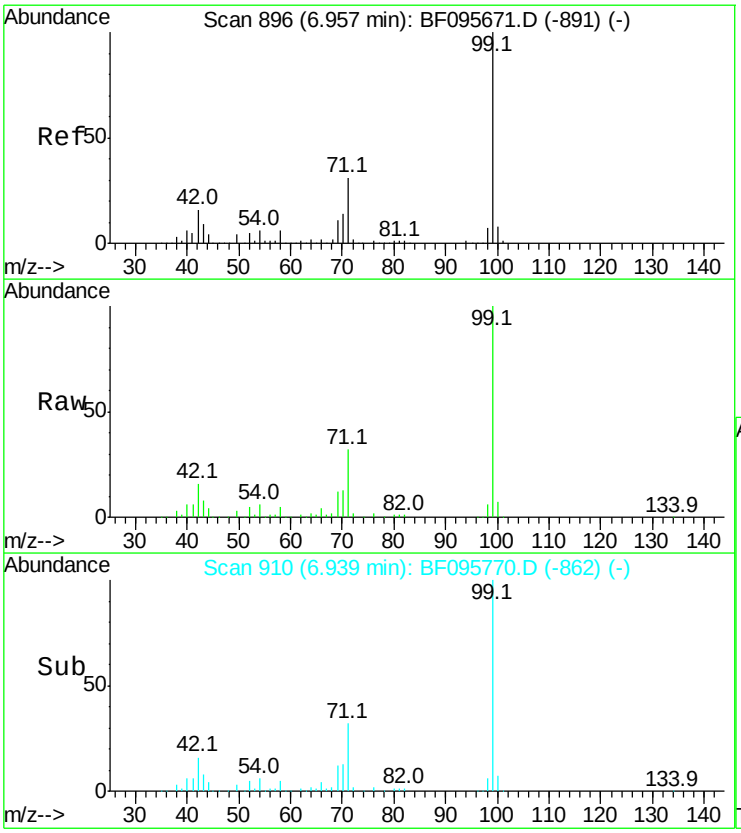
#6
Aniline
Concen: 5.94 ng
RT: 7.02 min Scan# 924
Delta R.T. 0.12 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 41043

Ion	Ratio	Lower	Upper
93	100		
66	11.2	32.9	49.3#
65	24.3	16.0	24.0#

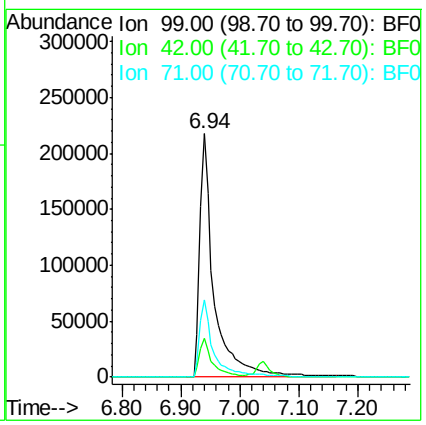


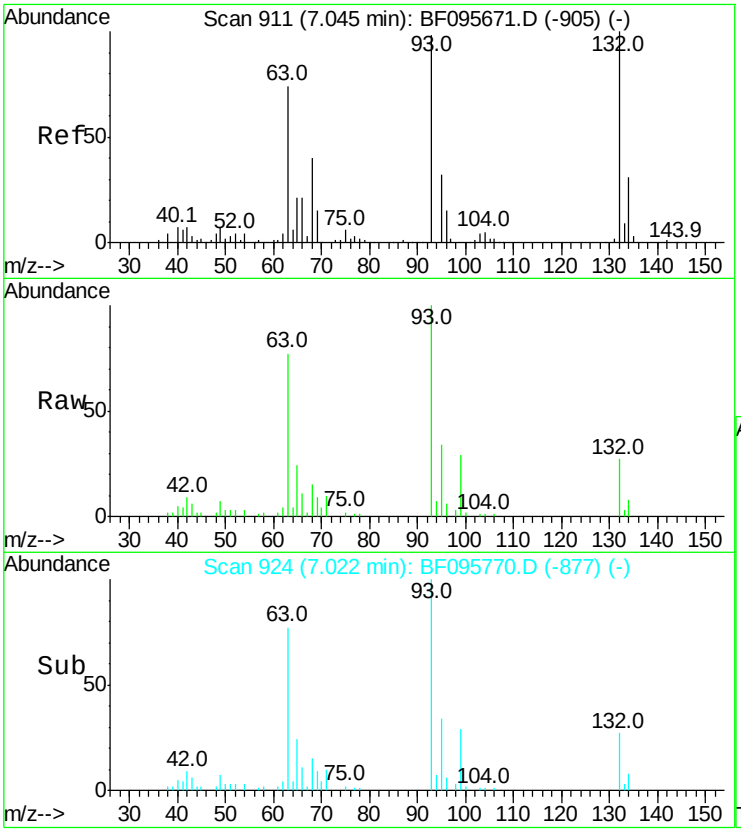


#7
Phenol-d6
Concen: 68.96 ng
RT: 6.94 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion: 99 Resp: 364265

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.8	24.5	36.7



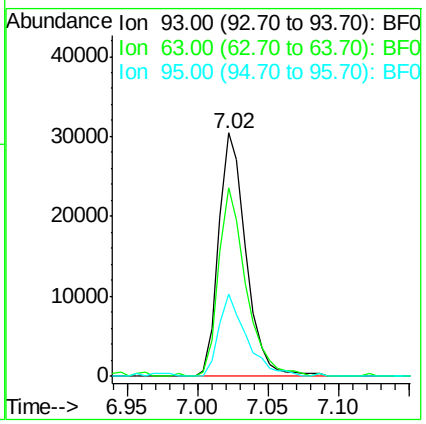


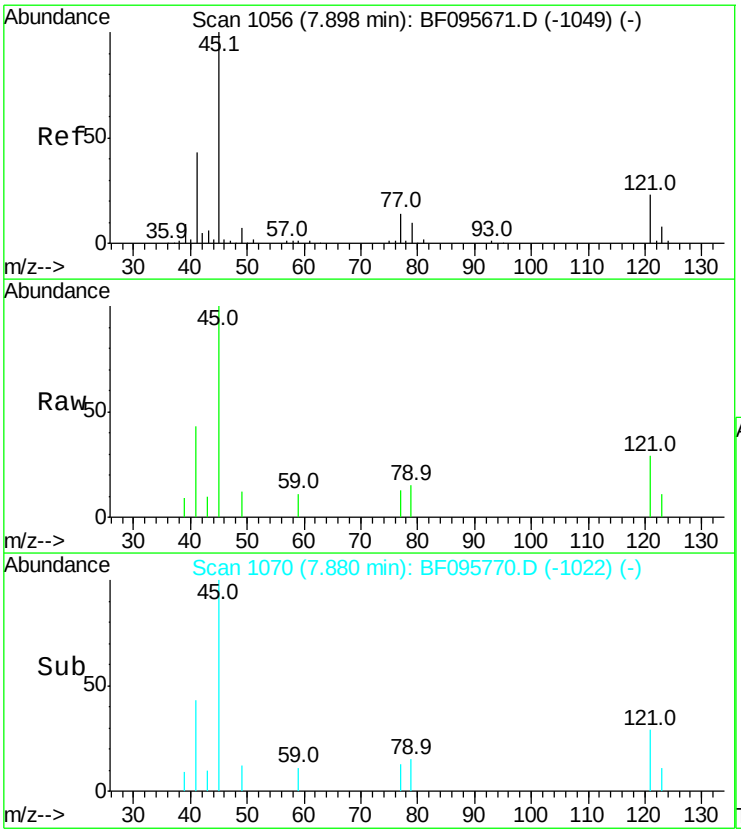
#11
bis(2-Chloroethyl)ether
Concen: 9.46 ng
RT: 7.02 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 41043

Ion	Ratio	Lower	Upper
93	100		
63	77.3	59.2	99.2
95	33.8	12.8	52.8

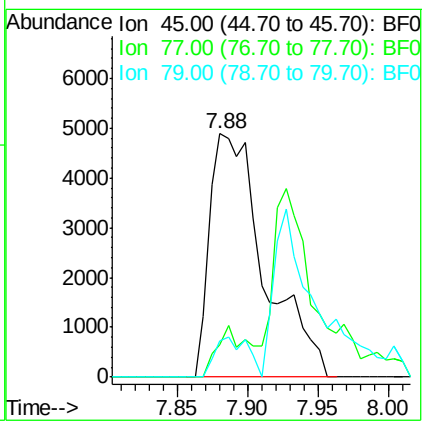


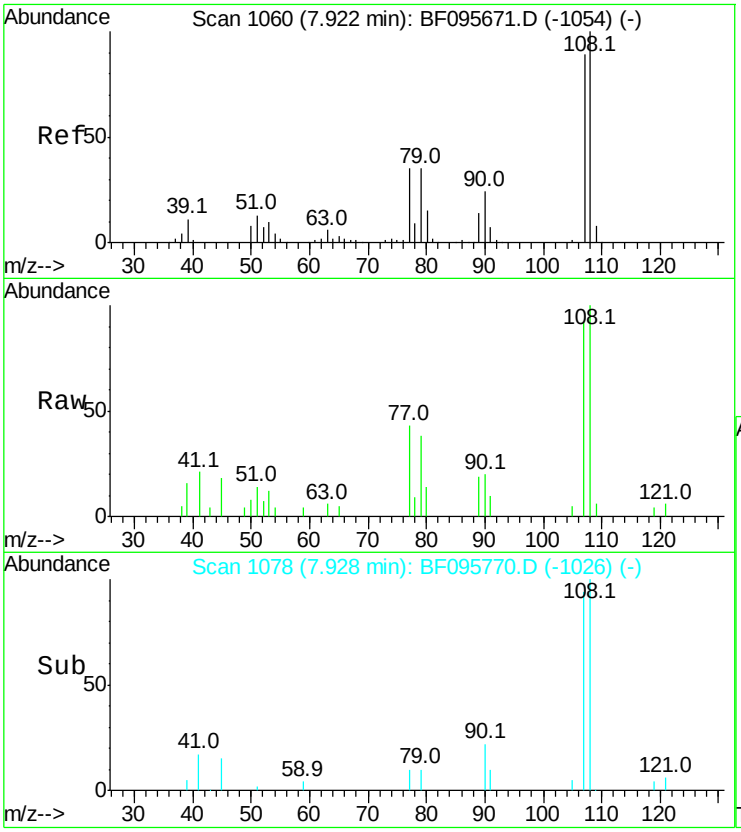


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.16 ng
RT: 7.88 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion: 45 Resp: 13203

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.2
79	14.9	0.0	30.0



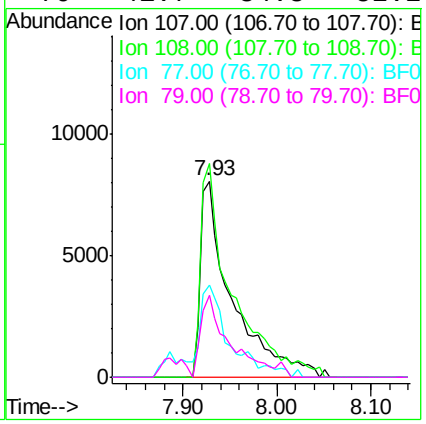


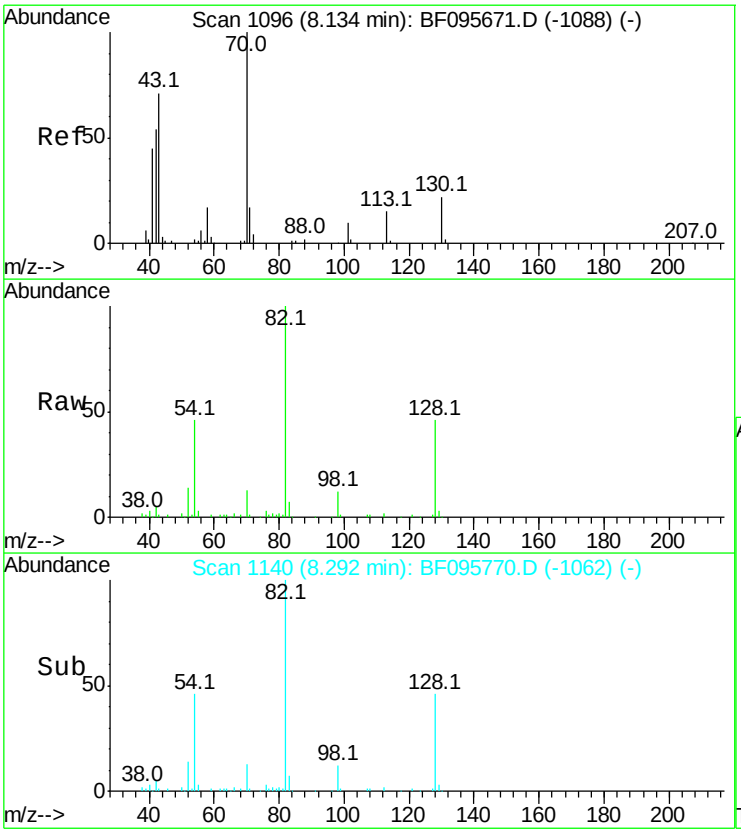
#17
2-Methylphenol
Concen: 4.78 ng
RT: 7.93 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 18817

Ion	Ratio	Lower	Upper
107	100		
108	108.8	93.4	140.0
77	46.8	35.8	53.6
79	41.7	34.8	52.2

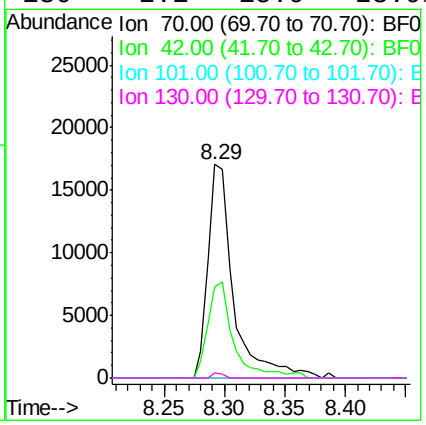


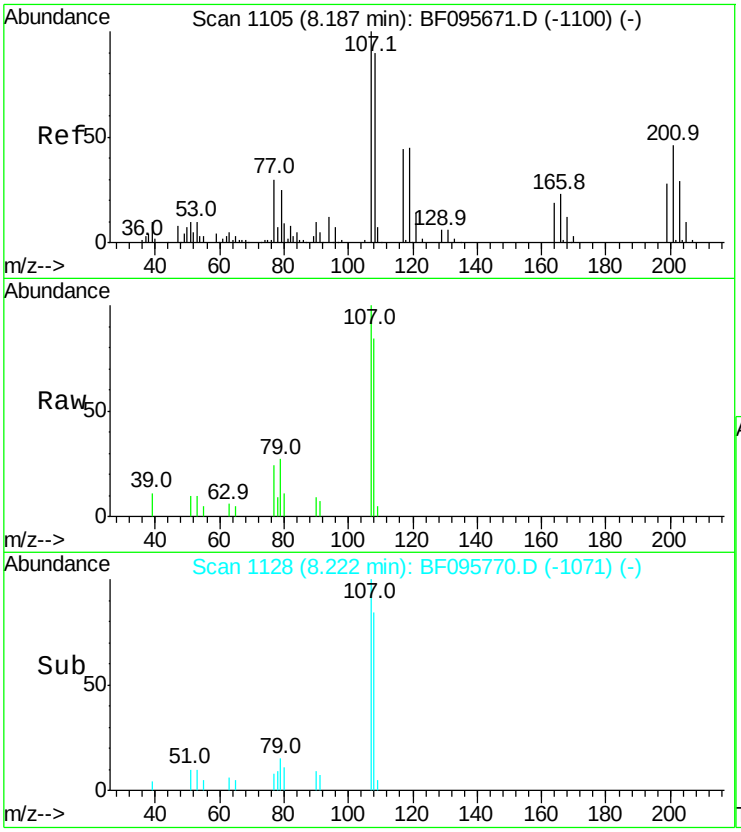


#19
n-Nitroso-di-n-propylamine
Concen: 7.45 ng
RT: 8.29 min Scan# 1140
Delta R.T. 0.16 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion: 70 Resp: 24929

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



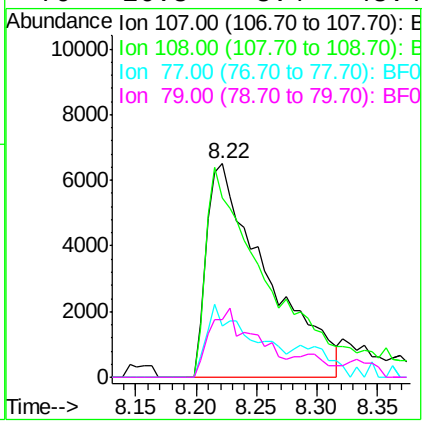


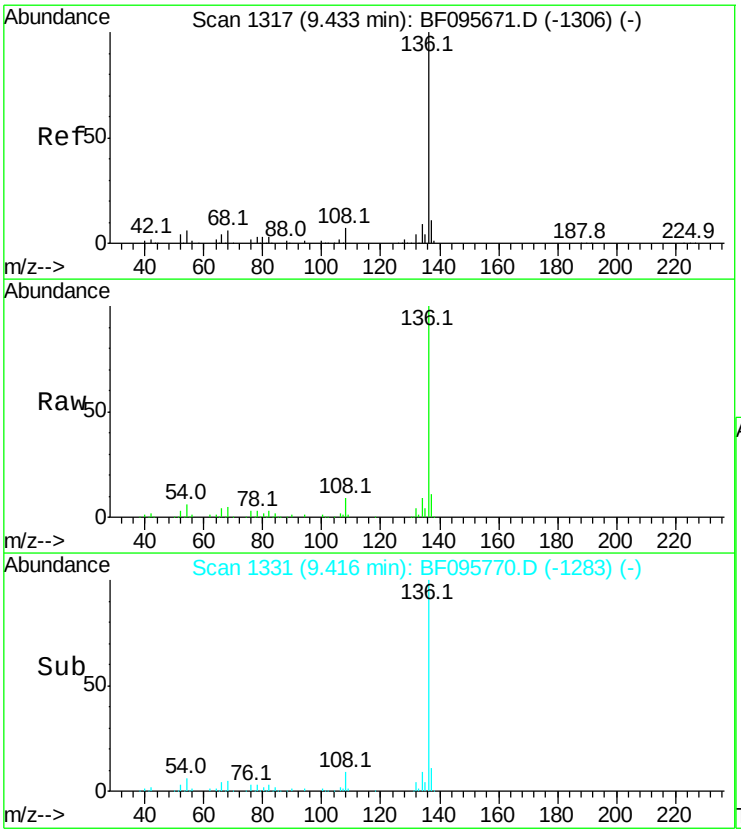
#20
3+4-Methylphenols
Concen: 4.47 ng
RT: 8.22 min Scan# 1128
Delta R.T. 0.04 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 22353

Ion	Ratio	Lower	Upper
107	100		
108	84.1	71.0	111.0
77	23.8	90.5	130.5#
79	26.8	8.4	48.4

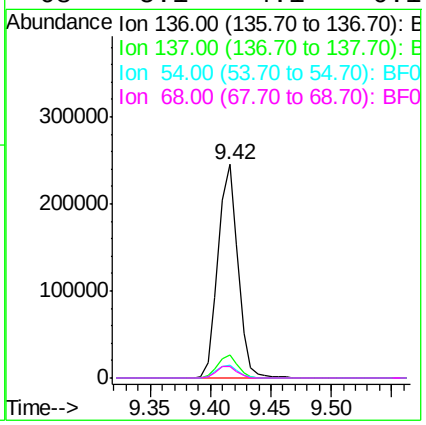


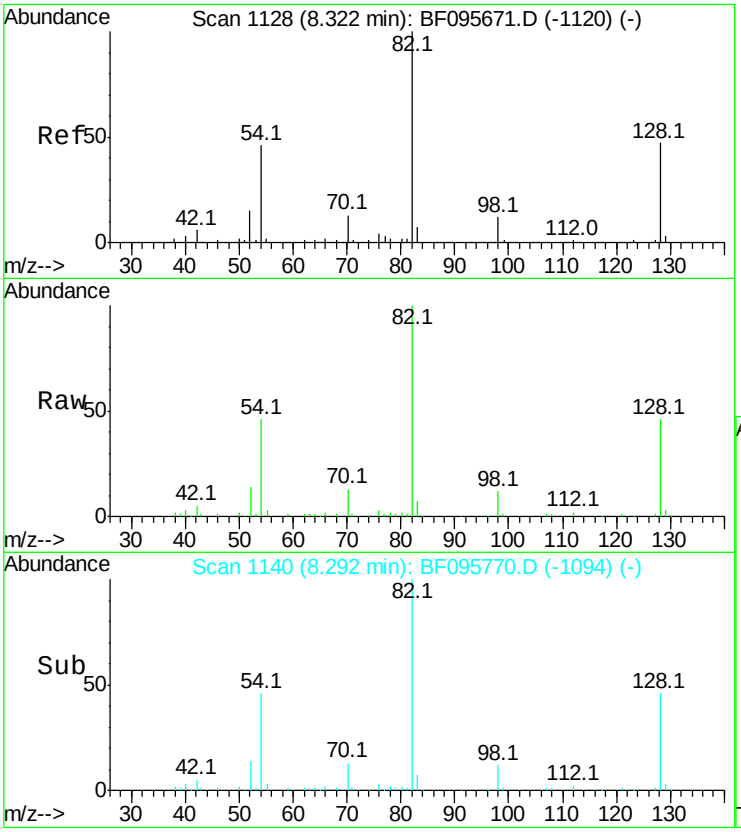


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:136 Resp: 279944

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.3	4.9	7.3
68	5.1	4.1	6.1



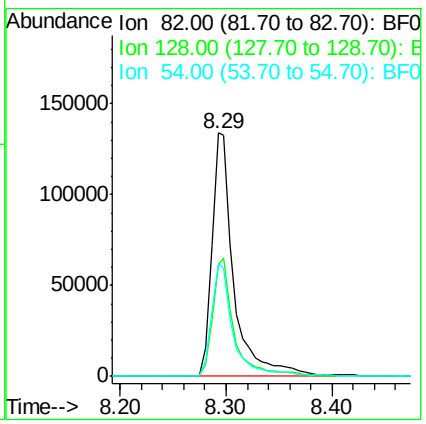


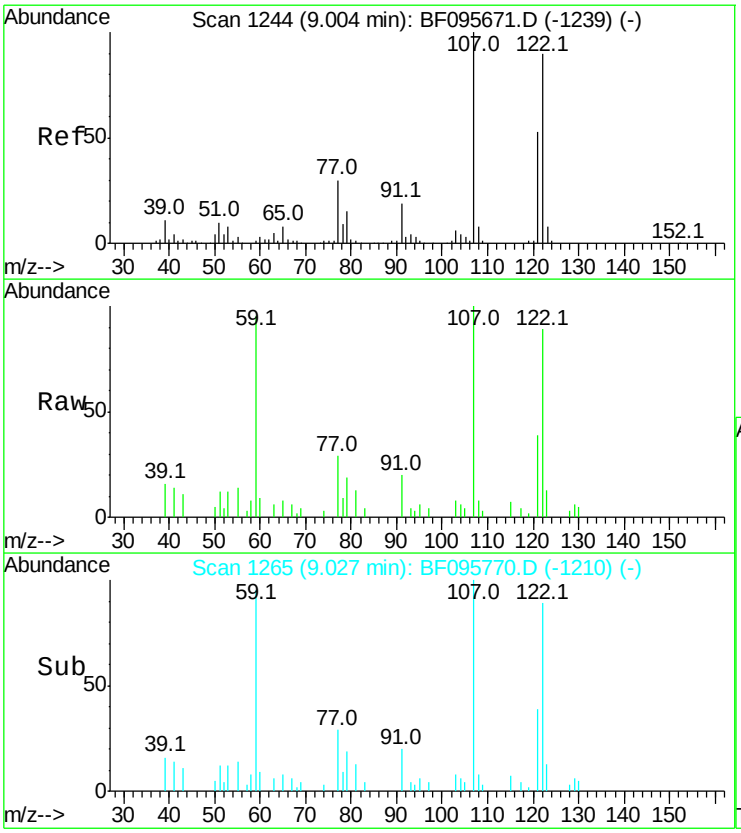
#23
Nitrobenzene-d5
Concen: 43.39 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 195605

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	46.2	42.2	63.2

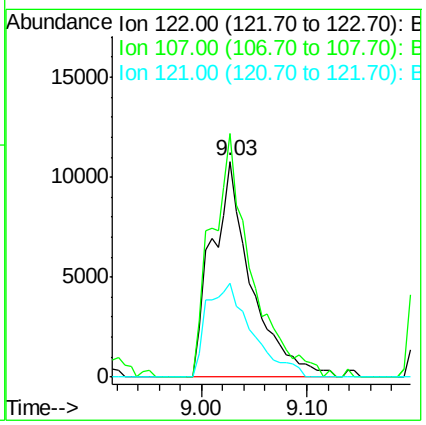


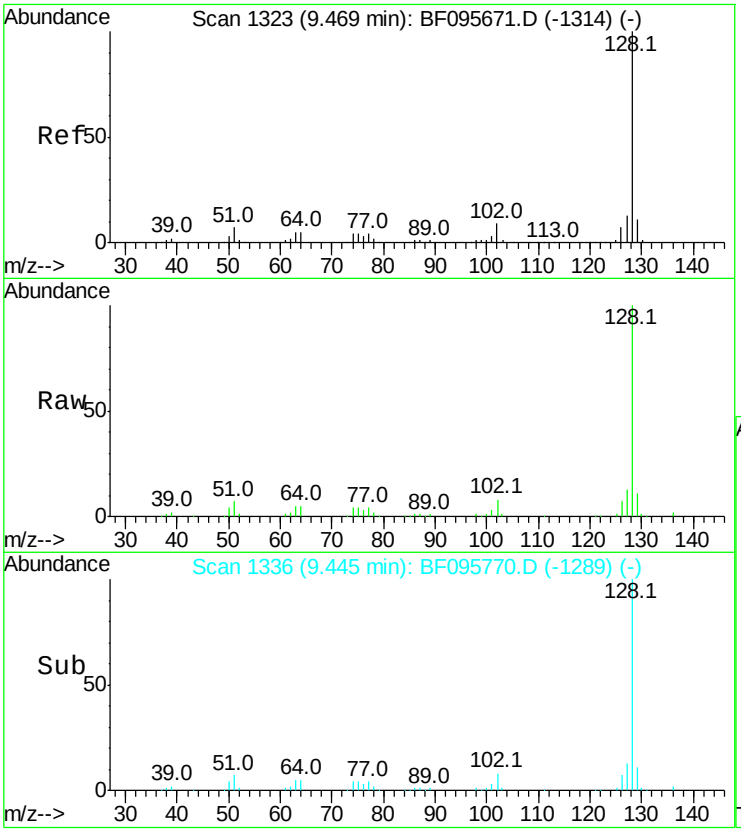


#27
2,4-Dimethylphenol
Concen: 7.11 ng
RT: 9.03 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:122 Resp: 27817

Ion	Ratio	Lower	Upper
122	100		
107	113.0	89.2	133.8
121	43.8	45.2	67.8#



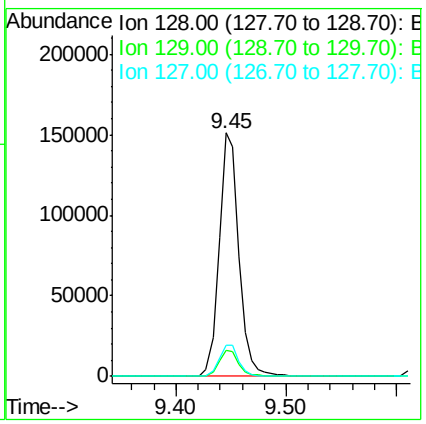


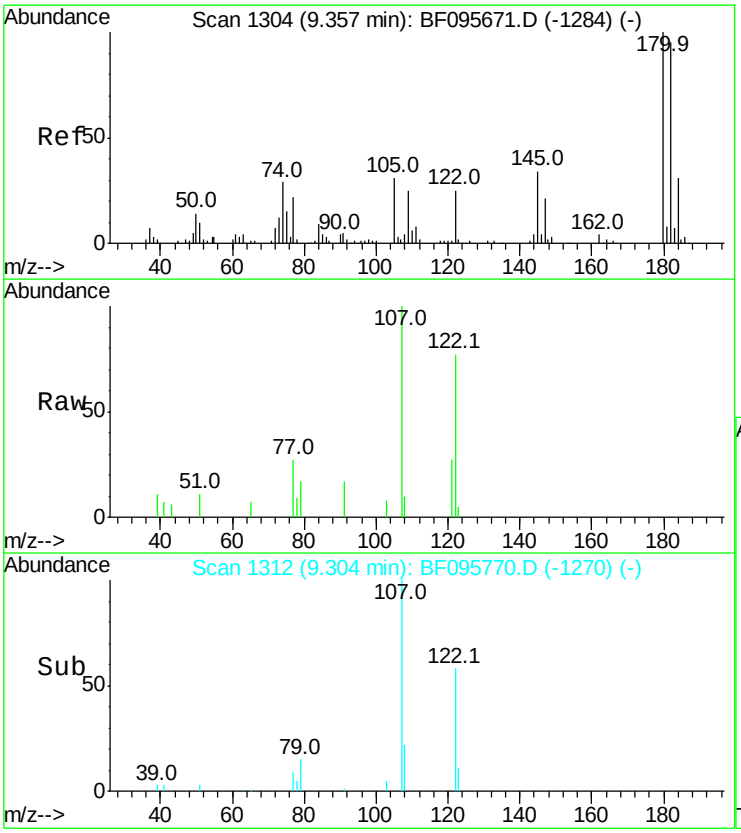
#31
Naphthalene
Concen: 13.39 ng
RT: 9.45 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 188175

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.0	10.8	16.2

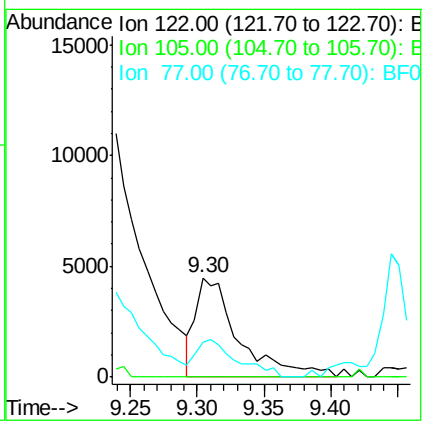


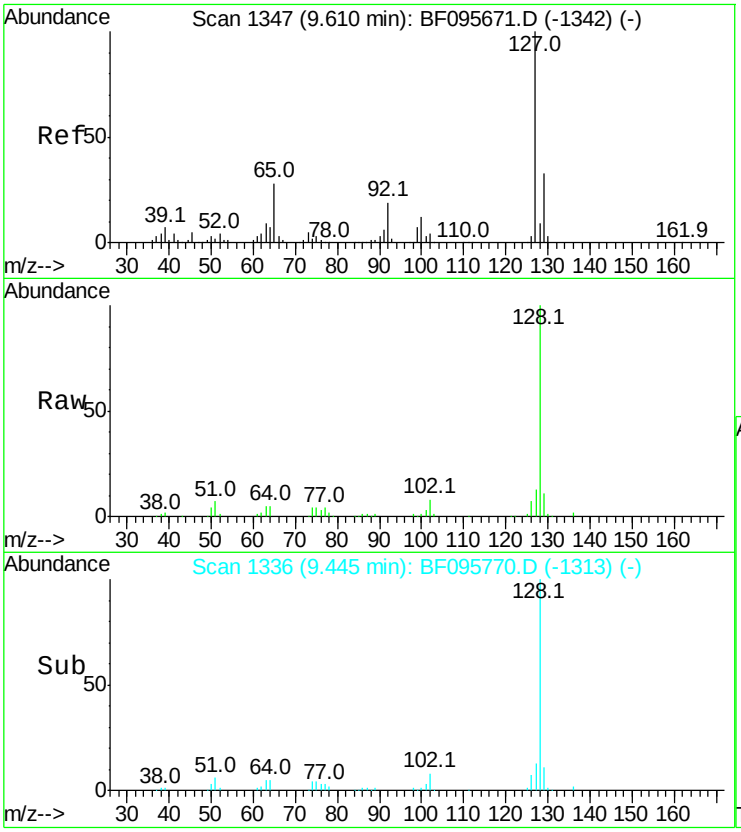


#32
Benzoic acid
Concen: 8.77 ng
RT: 9.30 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:122 Resp: 9988

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	34.8	73.7	113.7#



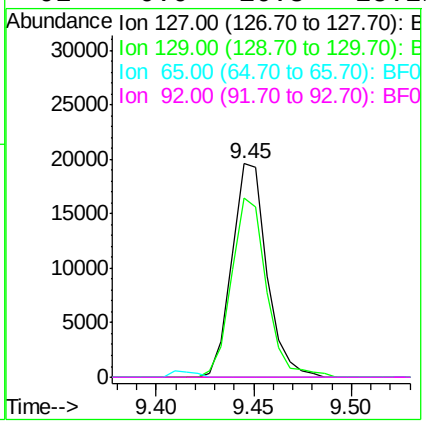


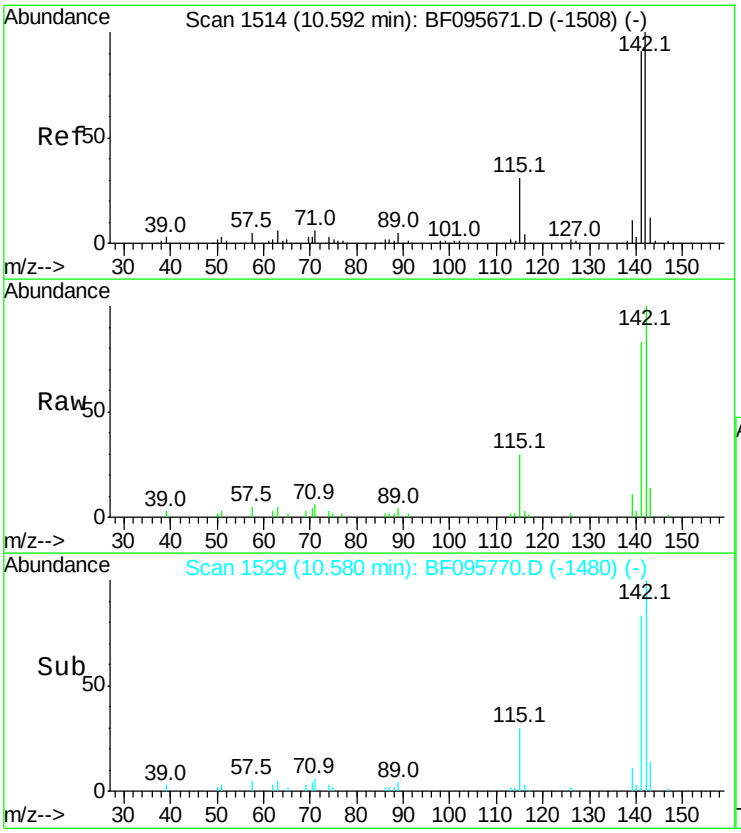
#33
4-Chloroaniline
Concen: 4.43 ng
RT: 9.45 min Scan# 1336
Delta R.T. -0.16 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 24319

Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

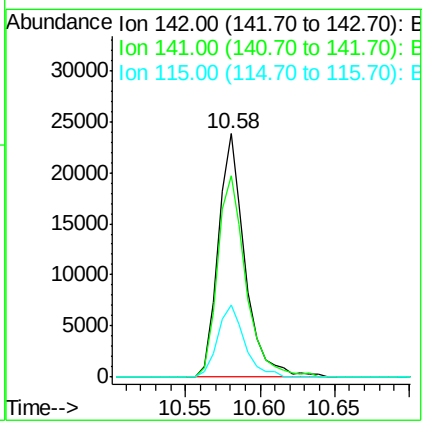


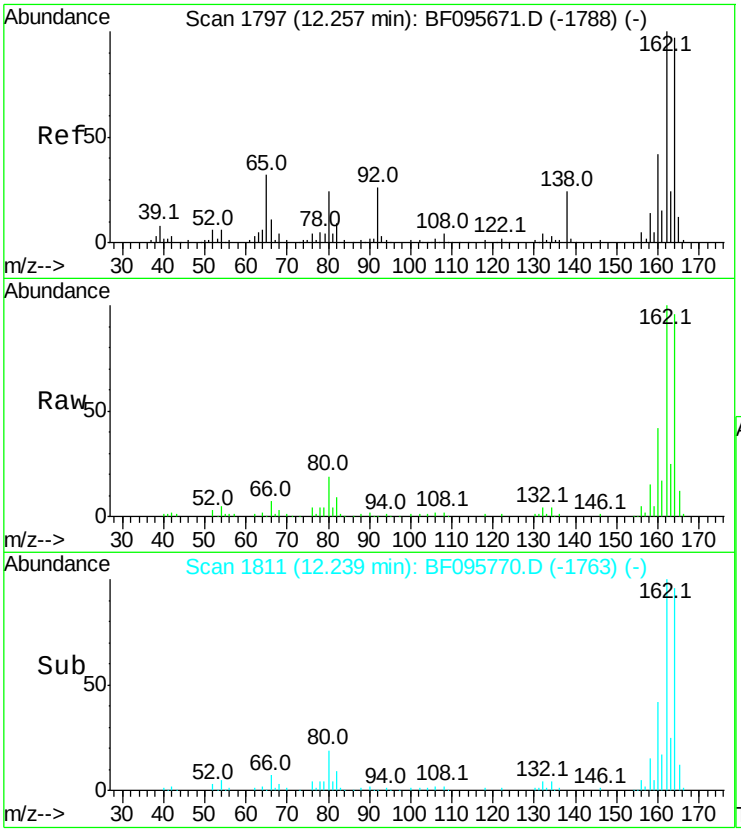


#37
2-Methylnaphthalene
Concen: 3.15 ng
RT: 10.58 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:142 Resp: 29895

Ion	Ratio	Lower	Upper
142	100		
141	82.7	71.3	106.9
115	29.8	27.1	40.7



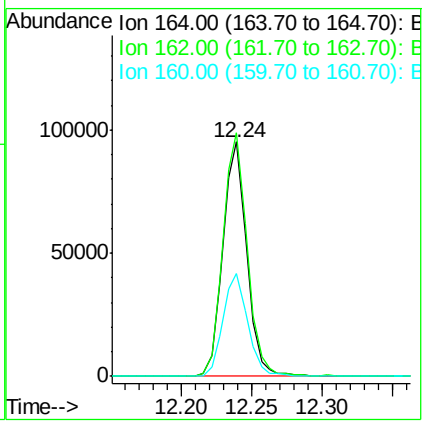


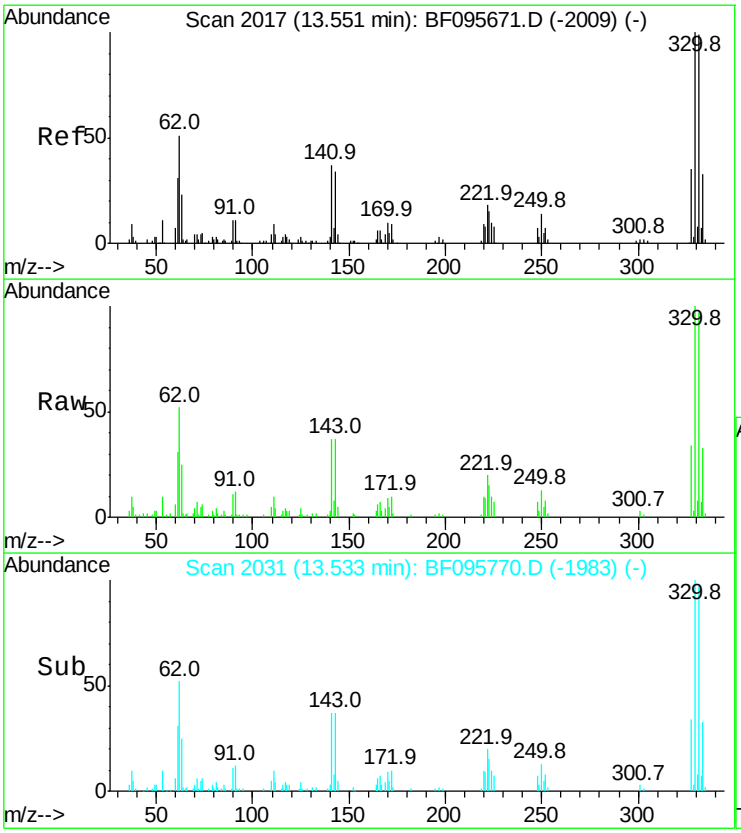
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 111741

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	43.7	36.2	54.2

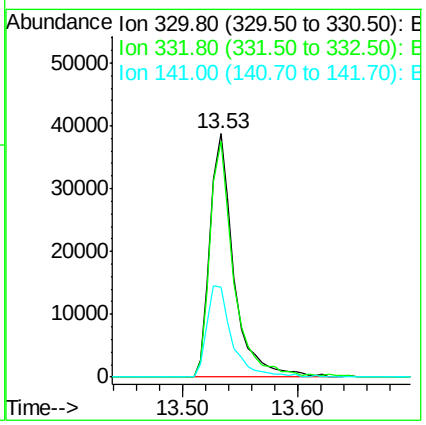


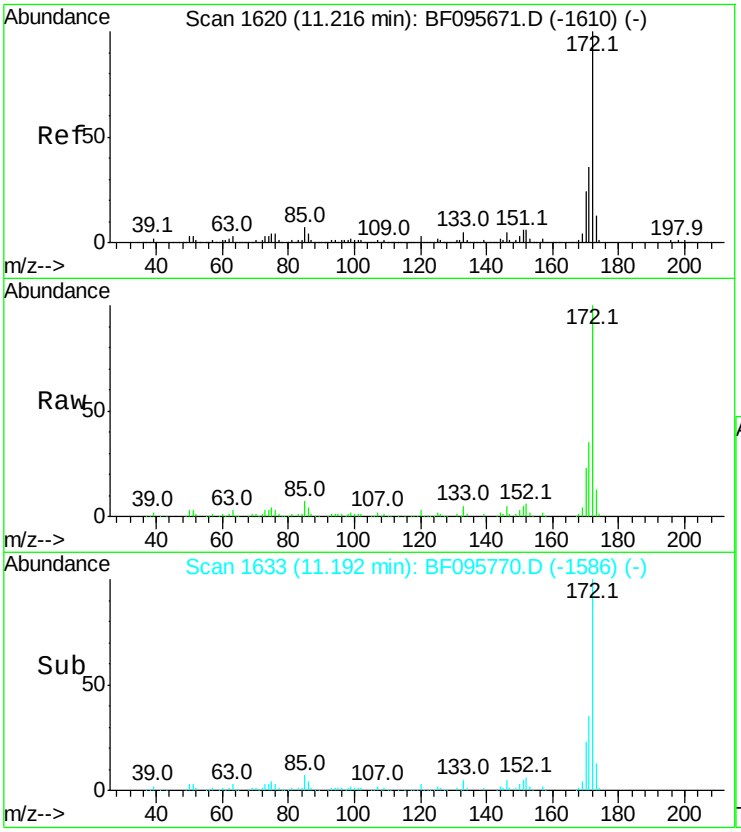


#41
2,4,6-Tribromophenol
Concen: 56.14 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:330 Resp: 55507

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.3	31.4	47.2



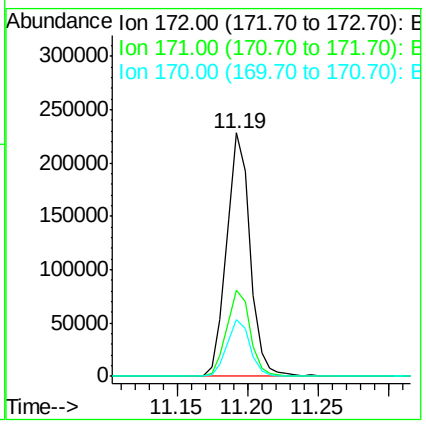


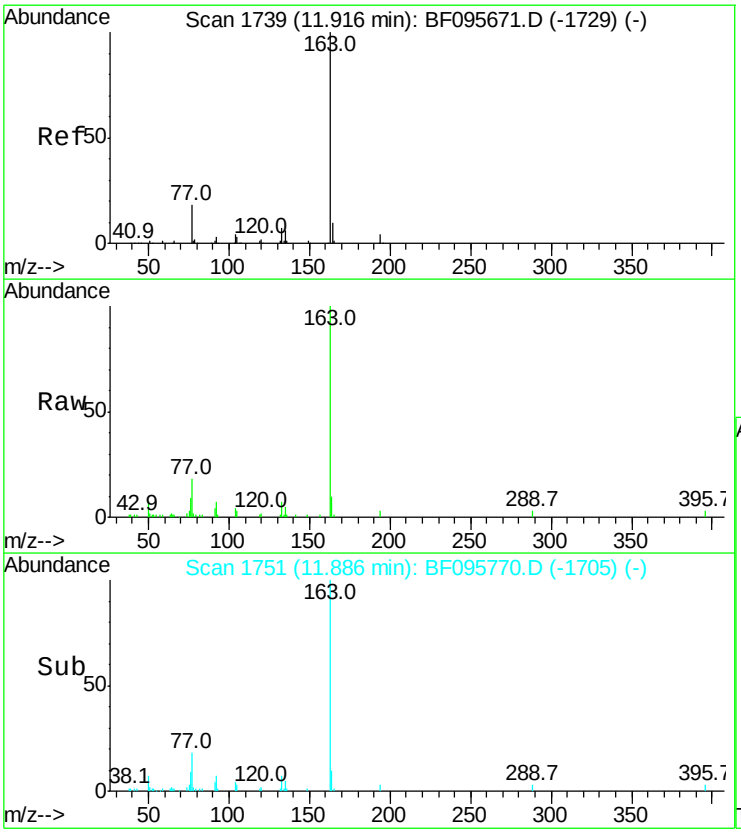
#44
2-Fluorobiphenyl
Concen: 32.85 ng
RT: 11.19 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 263788

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.5	19.8	29.8

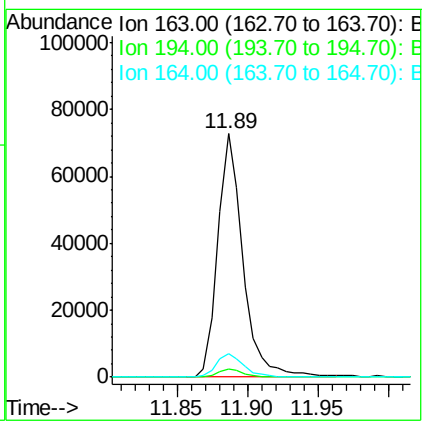


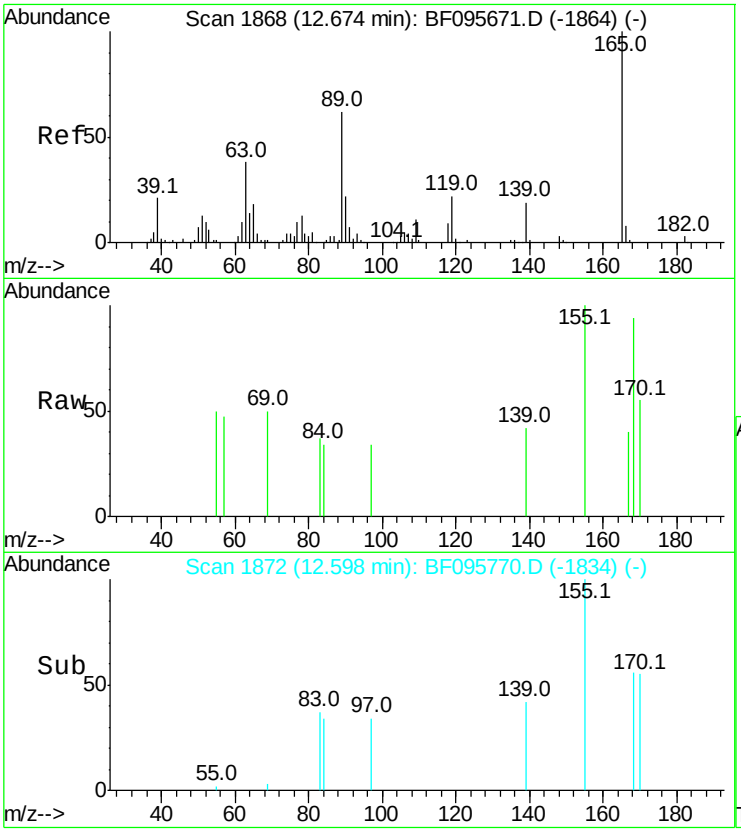


#49
Dimethylphthalate
Concen: 10.63 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:163 Resp: 90192

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.6	8.4	12.6



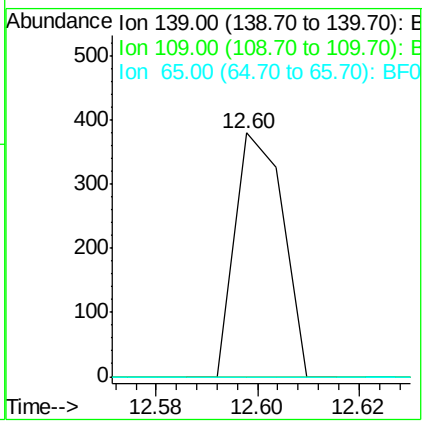


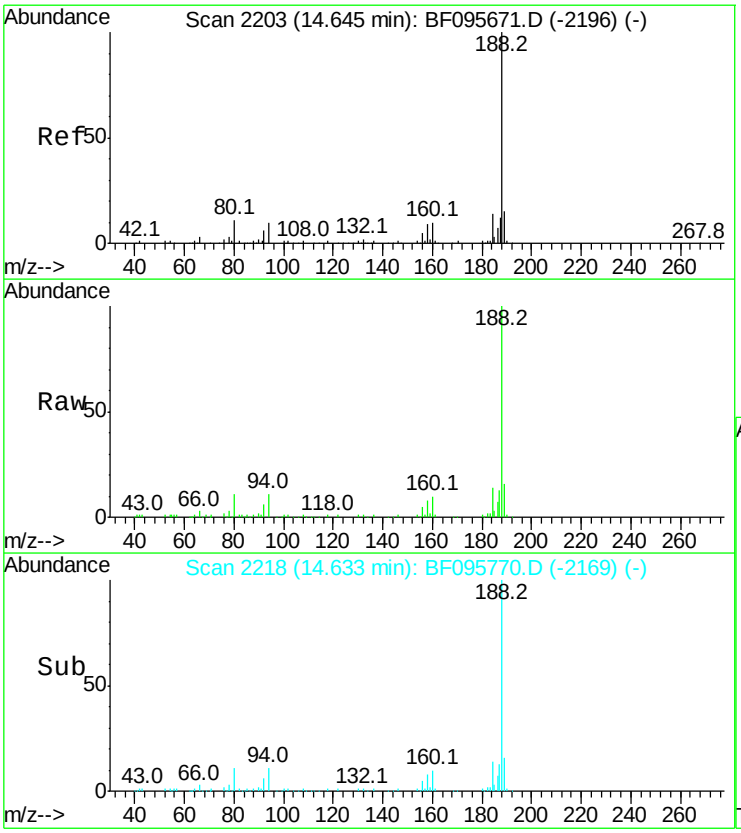
#55
4-Nitrophenol
Concen: 4.81 ng
RT: 12.60 min Scan# 1872
Delta R.T. -0.08 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 249

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

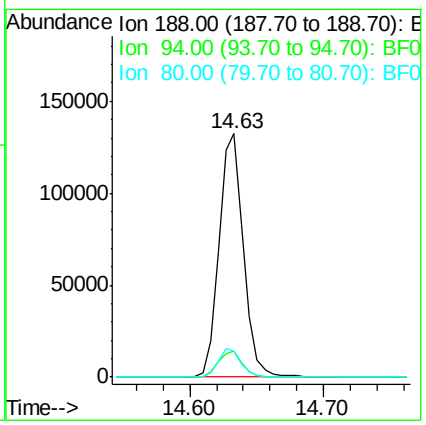


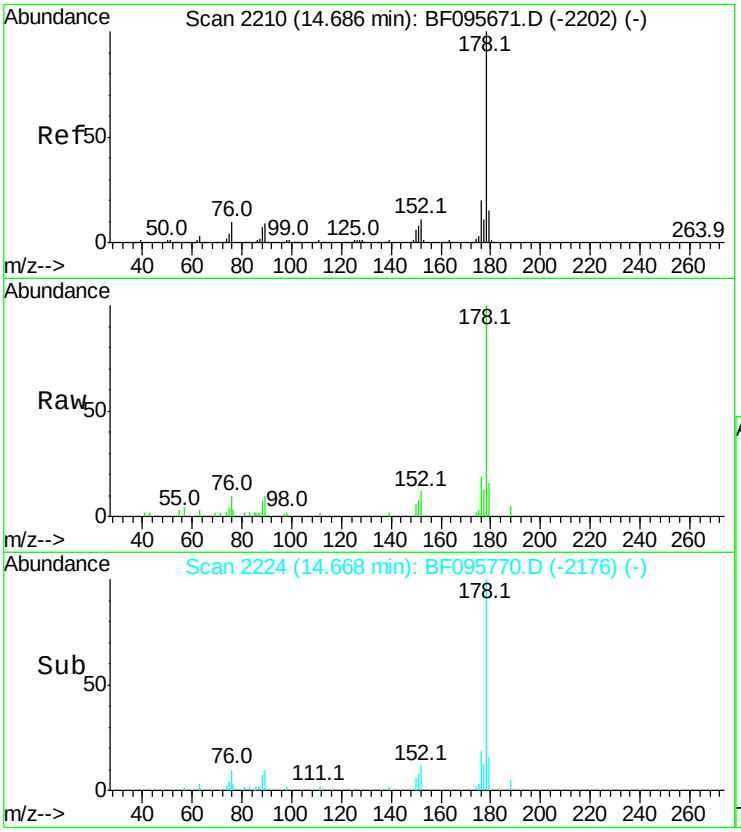


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:188 Resp: 170182

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.6	10.2	15.2



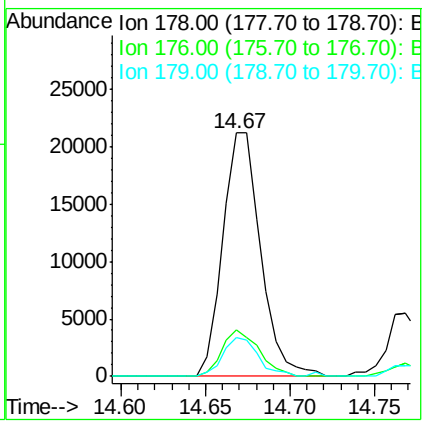


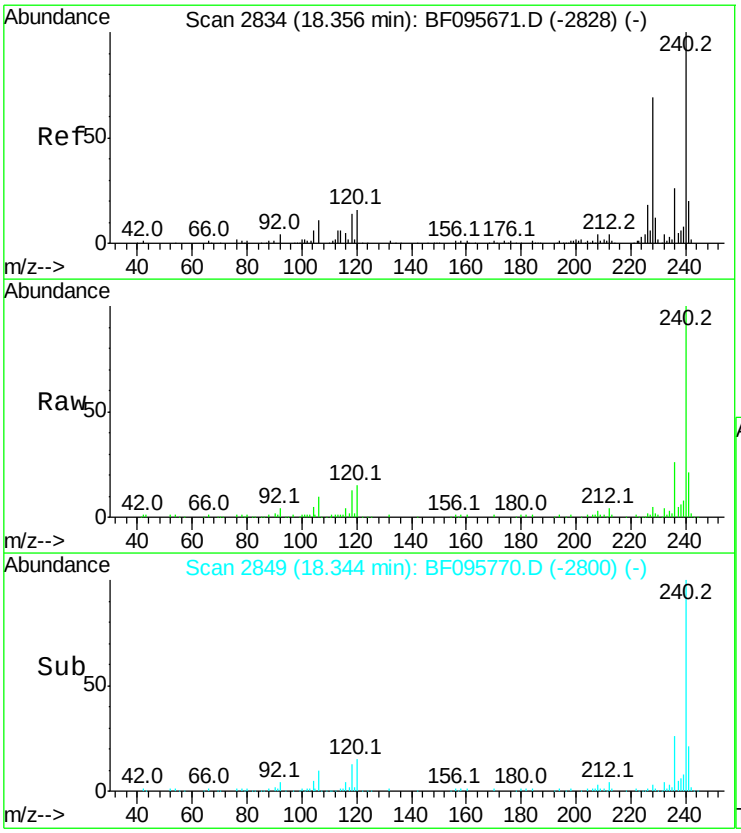
#70
Phenanthrene
Concen: 3.37 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 33048

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.8	12.6	19.0

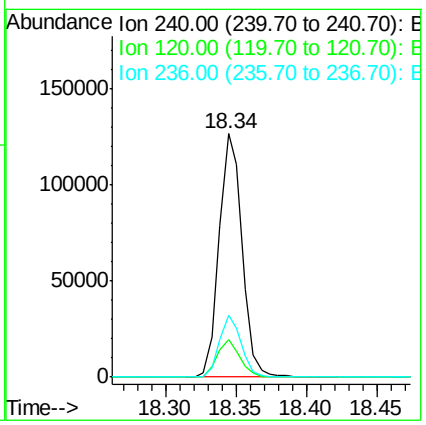


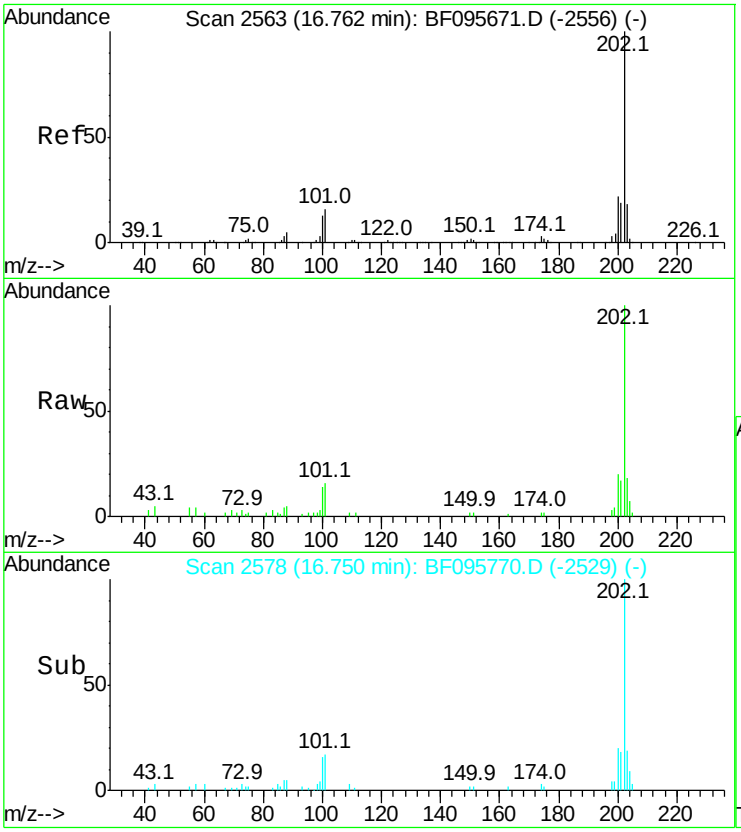


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:240 Resp: 142840

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.5	20.5	30.7



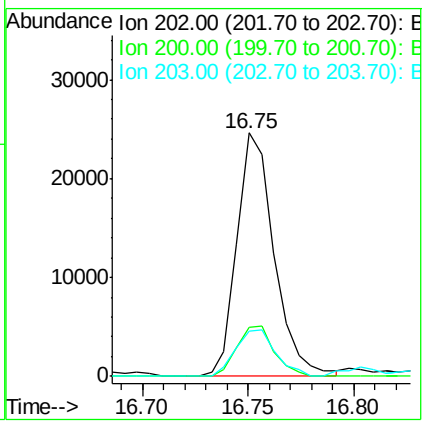


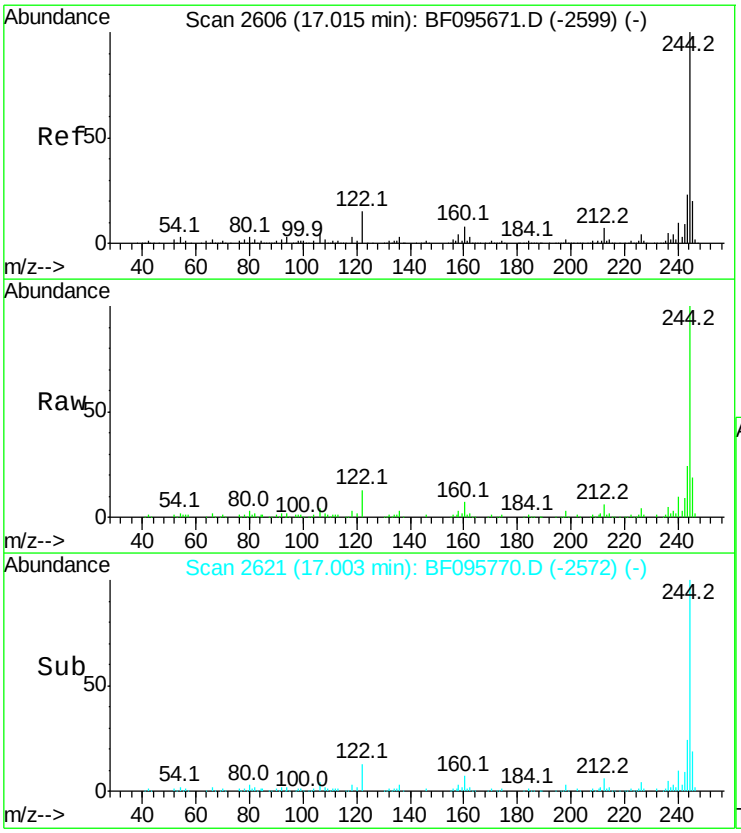
#77
Pyrene
Concen: 2.83 ng
RT: 16.75 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 30210

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	18.4	14.4	21.6

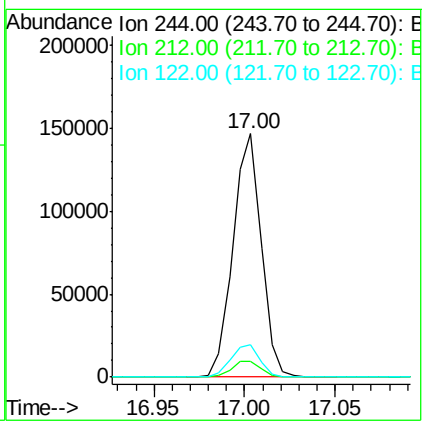


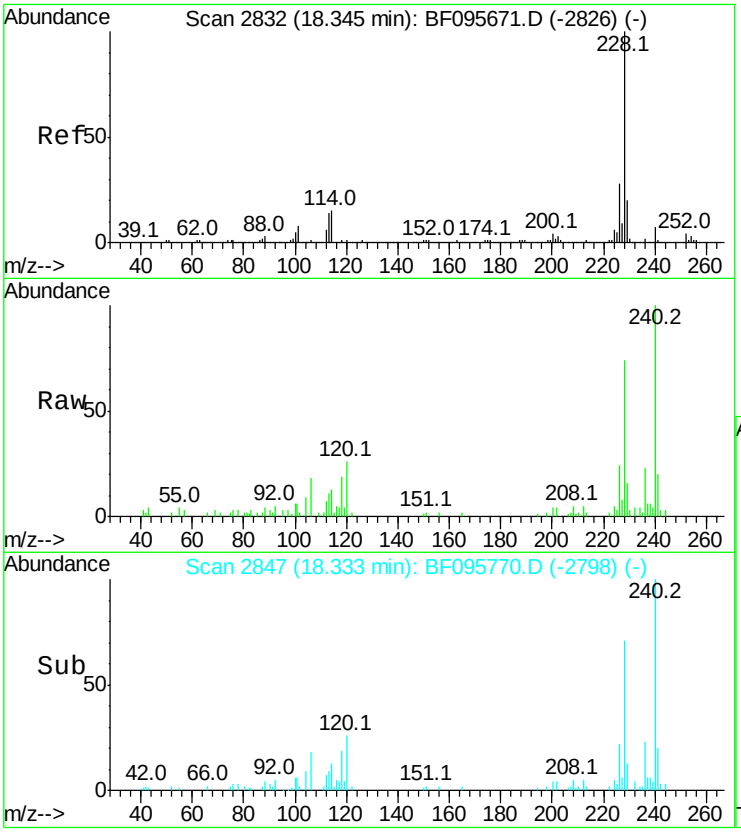


#78
Terphenyl-d14
Concen: 27.64 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:244 Resp: 159073

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.4	10.3	15.5



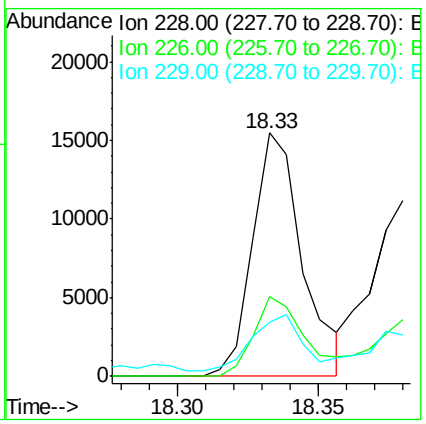


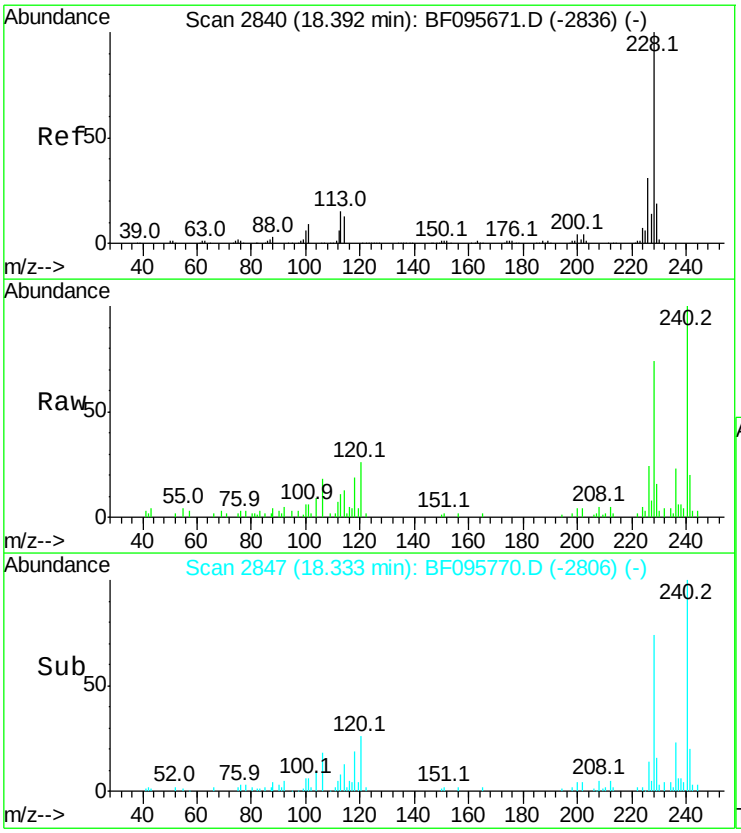
#80
Benzo(a)anthracene
Concen: 2.28 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 18944

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	22.2	16.3	24.5

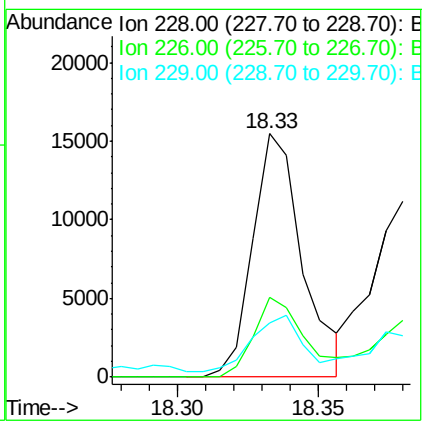


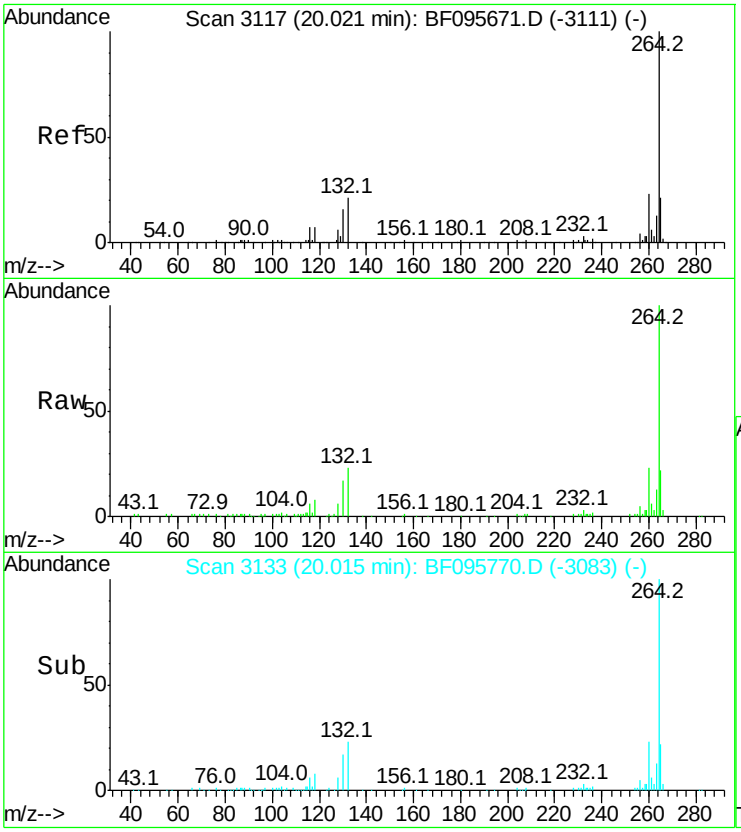


#82
Chrysene
Concen: 2.28 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.06 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:228 Resp: 18944

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	22.2	15.8	23.6



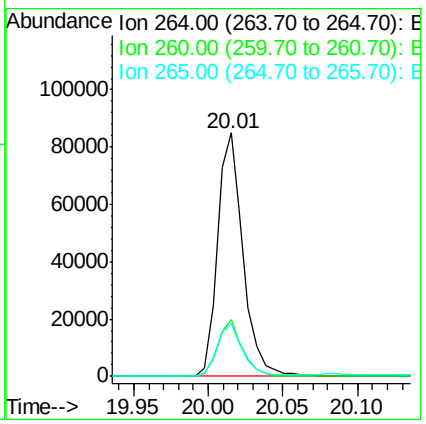


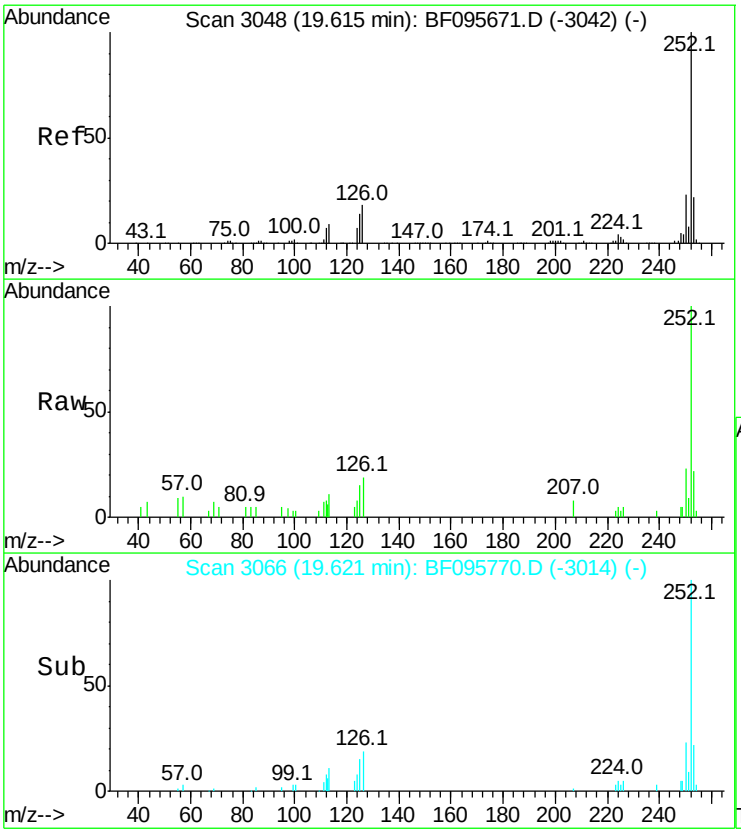
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 101727

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	17.2	25.8

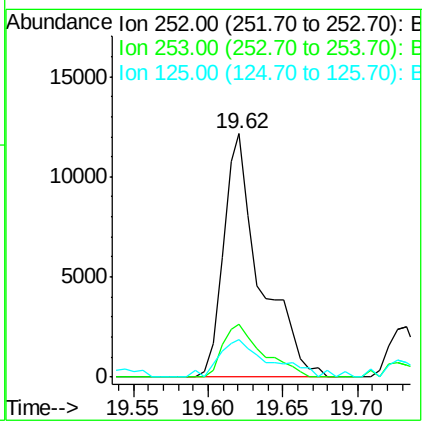


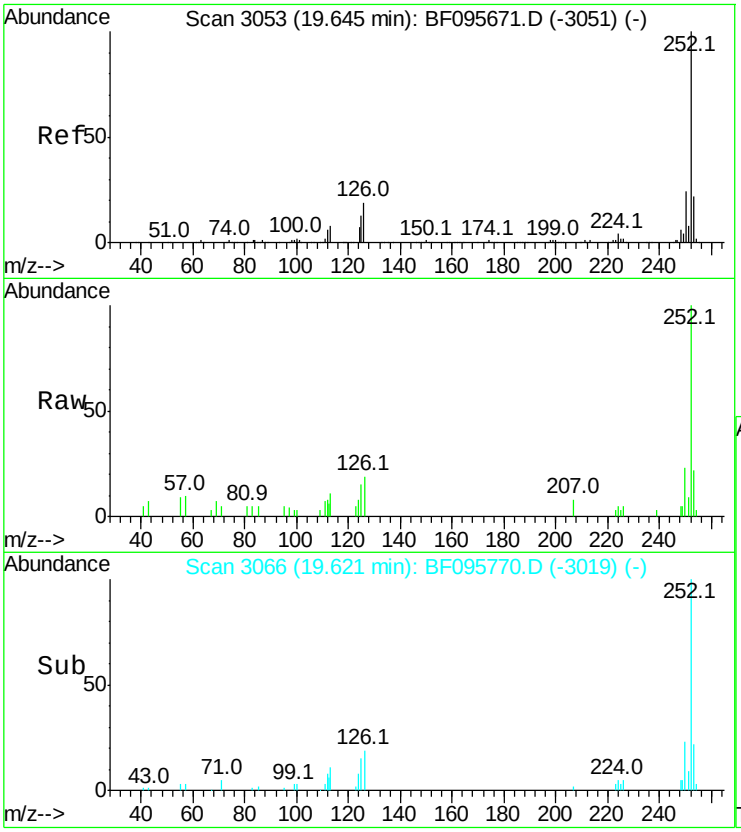


#87
Benzo(b)fluoranthene
Concen: 3.28 ng
RT: 19.62 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:252 Resp: 20893

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	15.4	9.8	14.8#



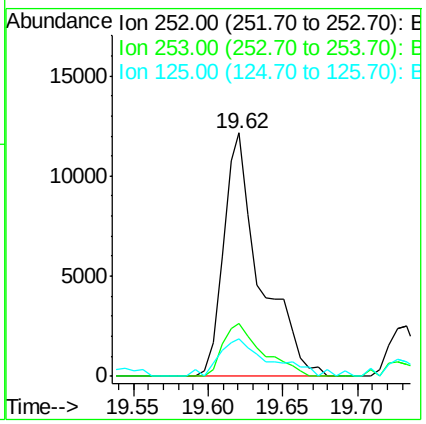


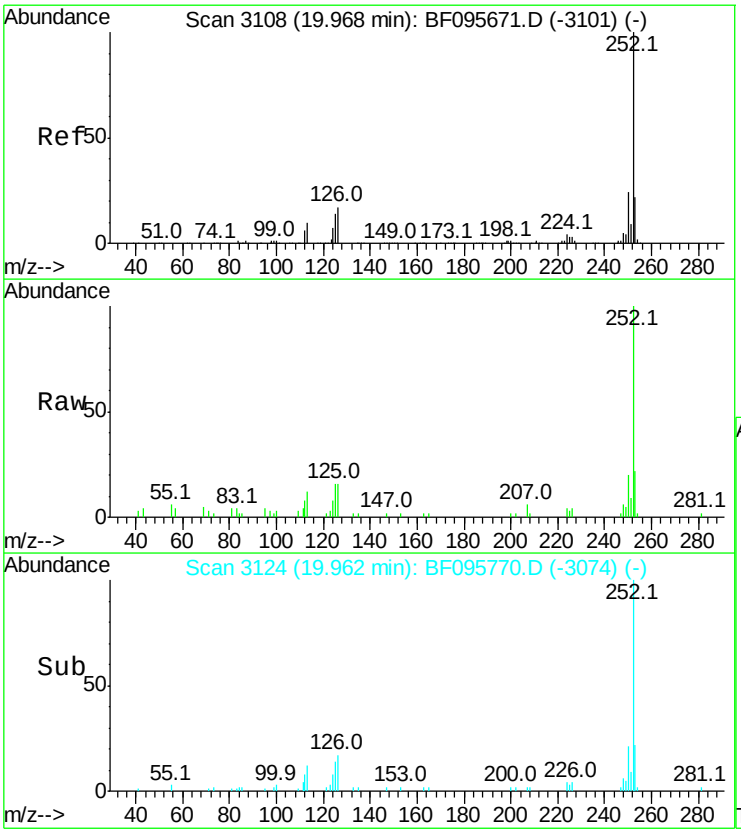
#88
Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 19.62 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20893

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	15.4	13.1	19.7

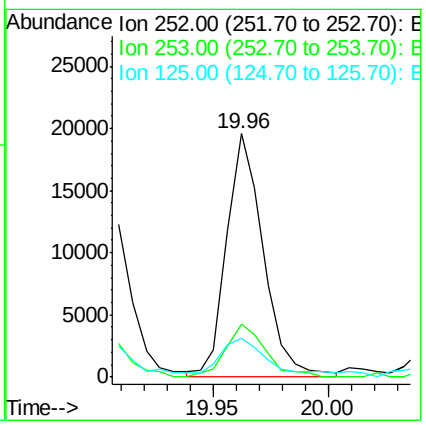


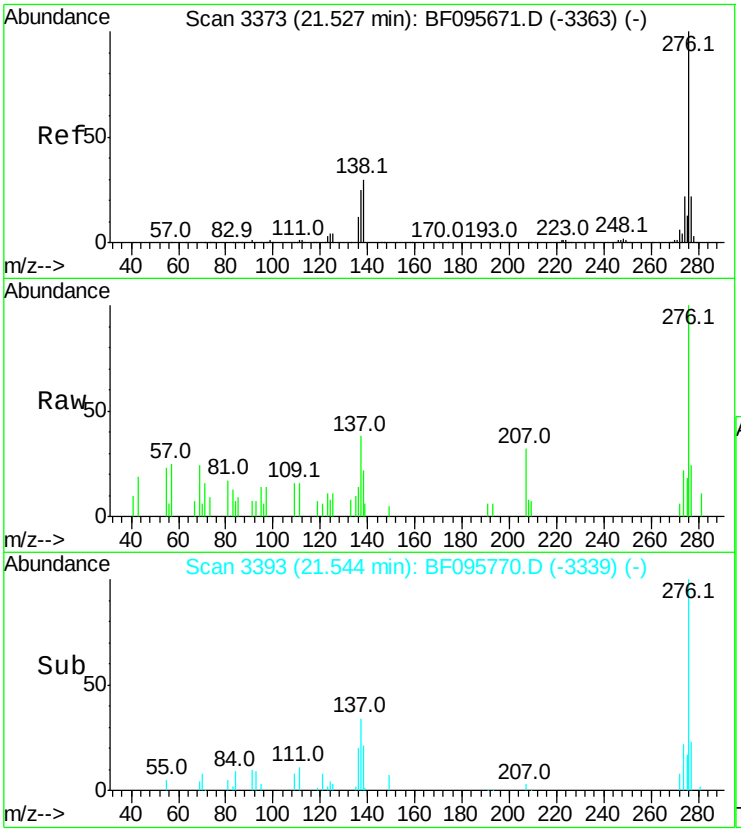


#89
Benzo(a)pyrene
Concen: 3.72 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Tgt Ion:252 Resp: 21798

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	15.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.07 ng
RT: 21.54 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF095770.D
Acq: 8 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 10470

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	22.0	25.4	38.0#