Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095995.D
Acq On : 17 Jun 2017 13:37
Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 19 01:11:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	75881	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	310696	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	129330	20.00	ng		-0.01
63) Phenanthrene-d10	14.56	188	185549	20.00	ng		0.00
75) Chrysene-d12	18.29	240	154788	20.00	ng		-0.01
86) Perylene-d12	19.96	264	146577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	29723	6.24	ng		0.09
7) Phenol-d6	6.98	99	29970	5.26	ng		0.07
23) Nitrobenzene-d5	8.29	82	25402	5.08	ng		0.04
41) 2,4,6-Tribromophenol	13.49	330	8477	7.41	ng		0.01
44) 2-Fluorobiphenyl	11.13	172	73902	7.95	ng		0.00
78) Terphenyl-d14	16.94	244	42738	6.85	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	9.39	128	166391	10.67	ng		99
32) Benzoic acid	9.39	122	117	5.16	ng	#	1
33) 4-Chloroaniline	9.39	127	21784	3.57	ng	#	35
37) 2-Methylnaphthalene	10.53	142	36008	3.42	ng		94
50) 2,6-Dinitrotoluene	12.17	165	16172	7.55	ng	#	31
51) Acenaphthene	12.22	154	36804	4.47	ng		97
54) Dibenzofuran	12.52	168	64775	5.60	ng		95
55) 4-Nitrophenol	12.52	139	23404	19.76	ng	#	25
57) Fluorene	13.07	166	69090	6.86	ng		94
70) Phenanthrene	14.60	178	423537	39.56	ng		97
71) Anthracene	14.69	178	121758	10.89	ng		96
72) Carbazole	15.00	167	64115	5.89	ng		99
74) Fluoranthene	16.39	202	320652	30.26	ng		98
77) Pyrene	16.69	202	245124	21.22	ng	#	96
80) Benzo(a)anthracene	18.27	228	122713	13.64	ng		94
82) Chrysene	18.32	228	104449	11.61	ng		97
85) Indeno(1,2,3-cd)pyrene	21.13	276	41964	5.45	ng		98
87) Benzo(b)fluoranthene	19.56	252	130136	14.18	ng	#	95
88) Benzo(k)fluoranthene	19.56	252	130136	14.83	ng		96
89) Benzo(a)pyrene	19.90	252	89804	10.65	ng		98
91) Benzo(g,h,i)perylene	21.46	276	35735	4.90	ng		95

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

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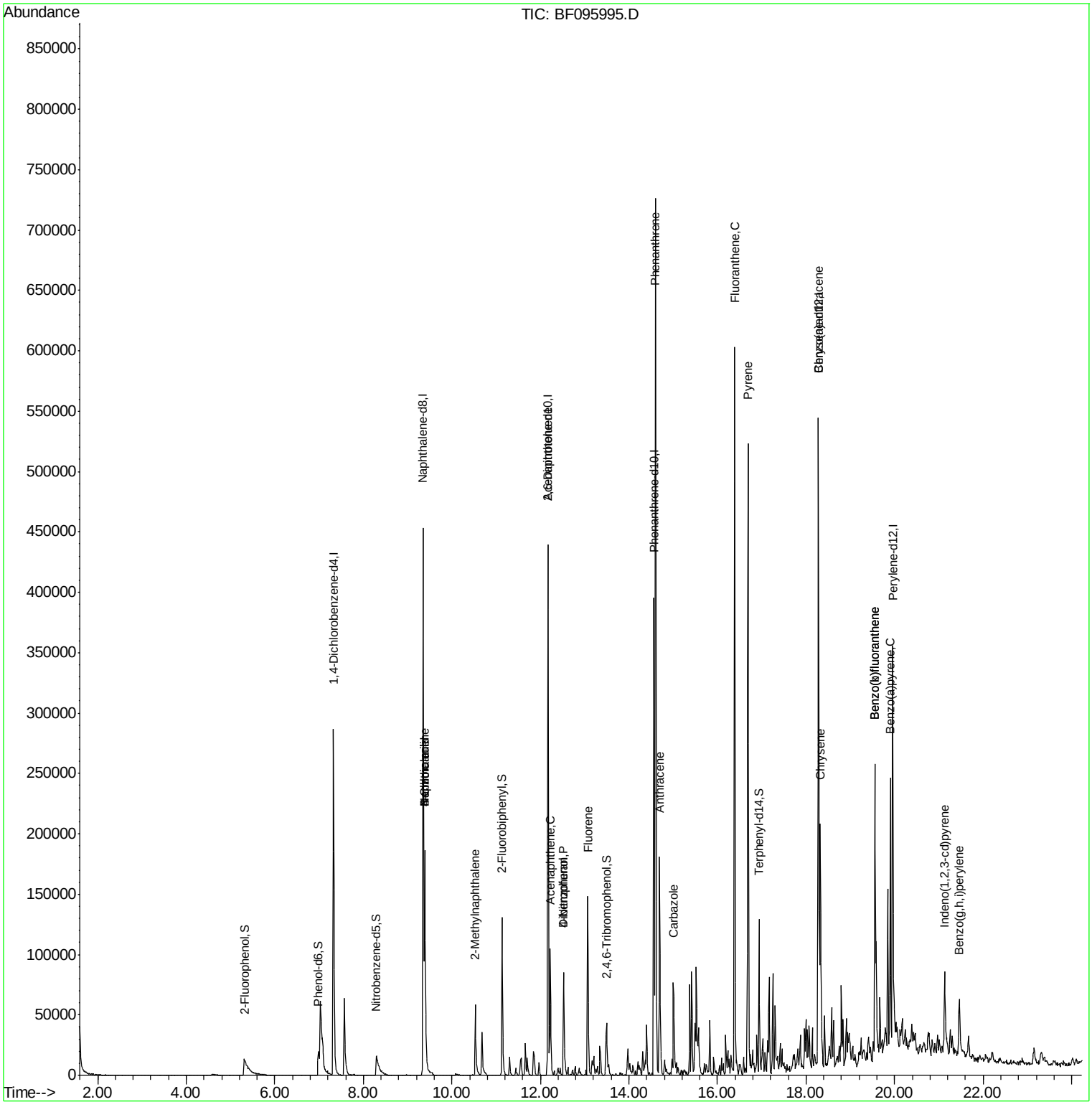
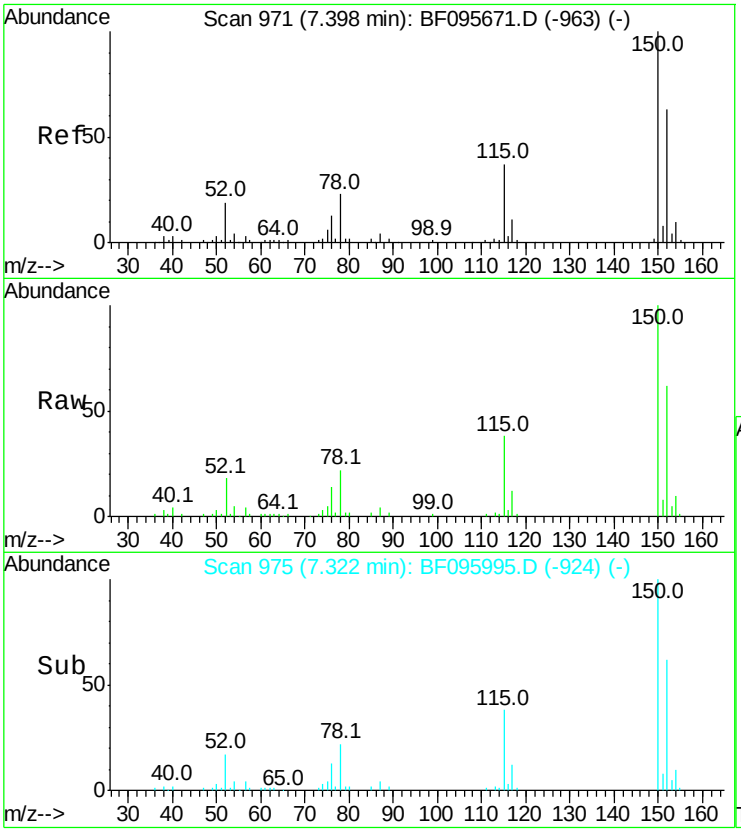


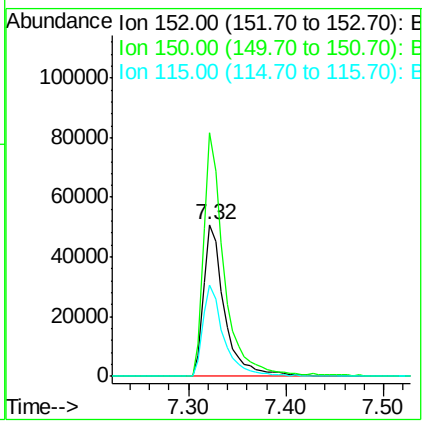


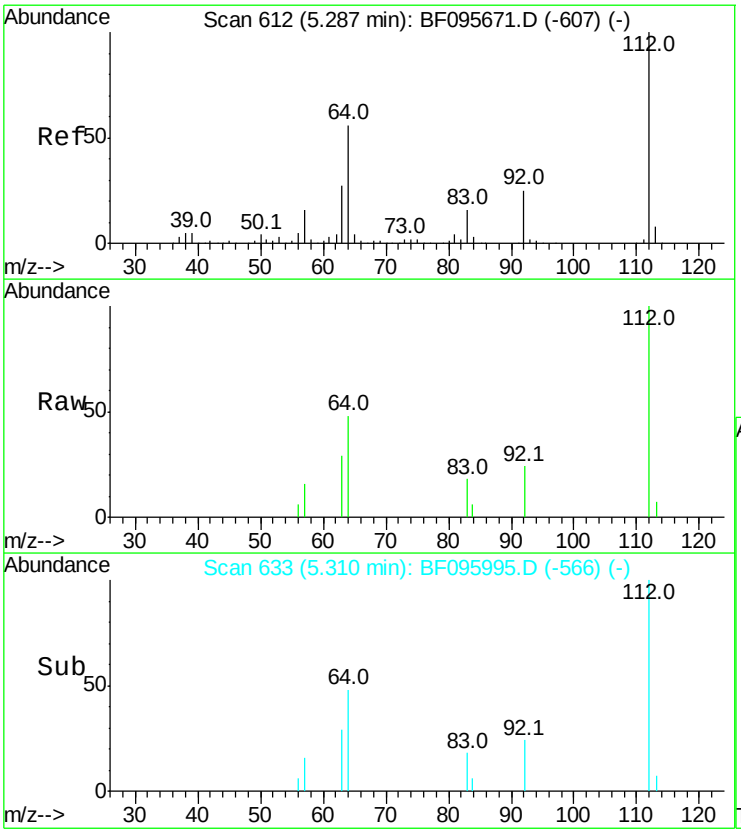
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75881

Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.2	189.2
115	60.2	52.2	78.2

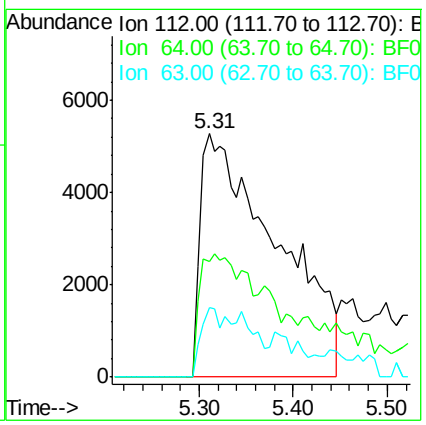


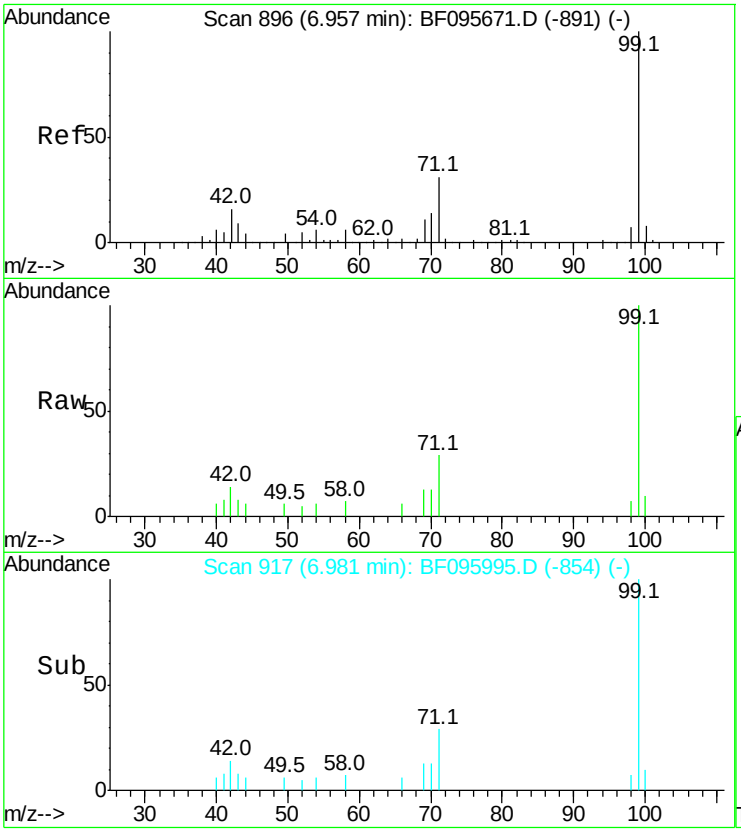


#5
2-Fluorophenol
Concen: 6.24 ng
RT: 5.31 min Scan# 633
Delta R.T. 0.09 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:112 Resp: 29723

Ion	Ratio	Lower	Upper
112	100		
64	47.7	46.0	69.0
63	28.8	23.4	35.0



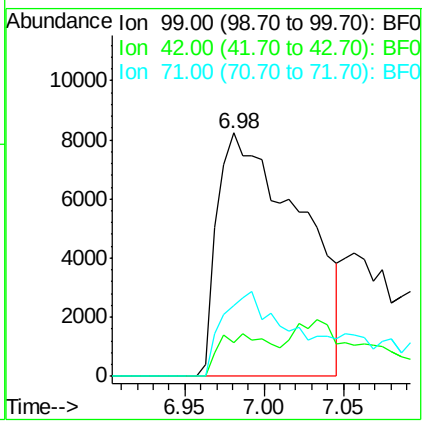


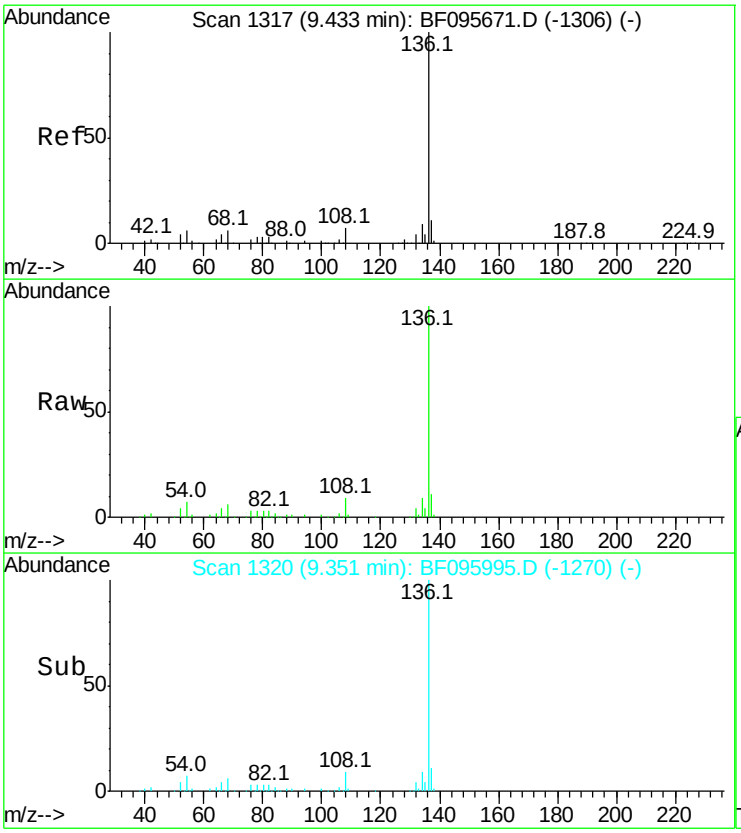
#7
Phenol-d6
Concen: 5.26 ng
RT: 6.98 min Scan# 917
Delta R.T. 0.07 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 29970

Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.5	20.3
71	29.0	24.5	36.7

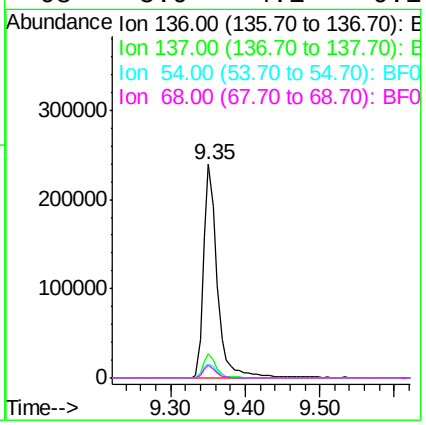


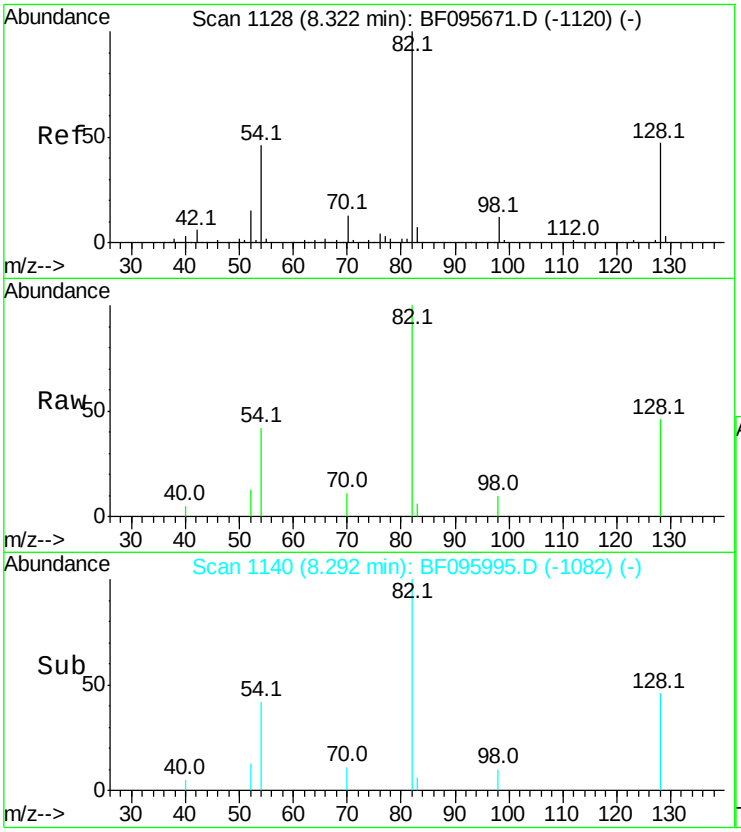


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:136 Resp: 310696

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.7	4.9	7.3
68	5.9	4.1	6.1



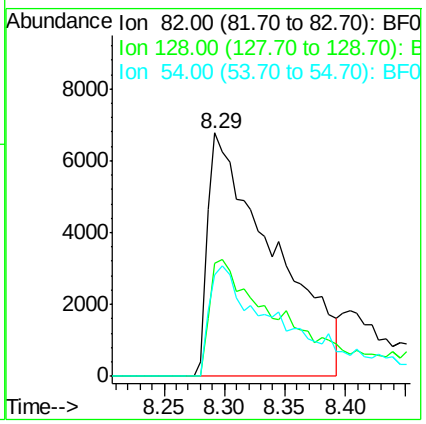


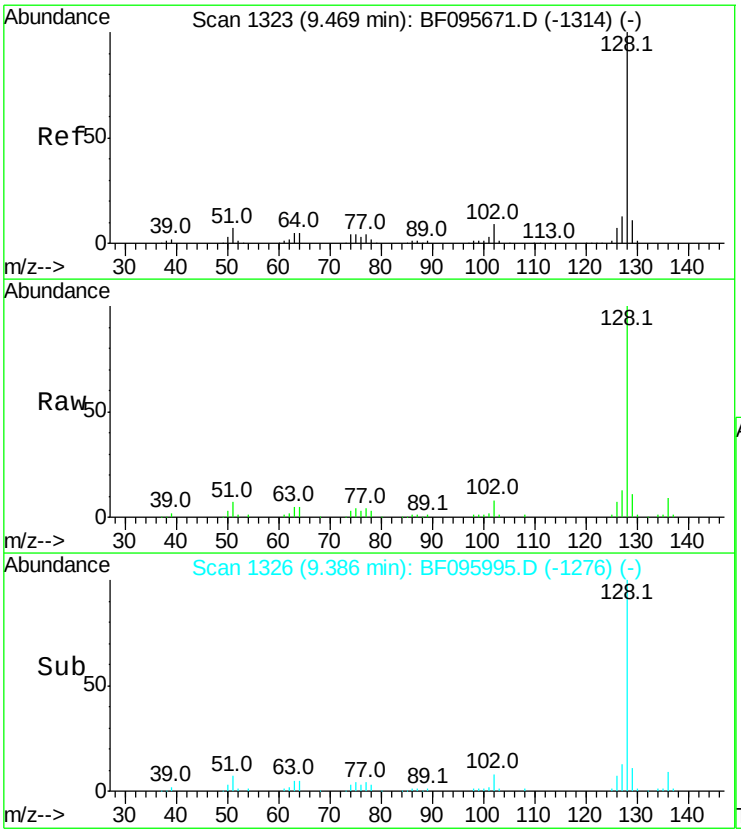
#23
Nitrobenzene-d5
Concen: 5.08 ng
RT: 8.29 min Scan# 1140
Delta R.T. 0.04 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 25402

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	41.7	42.2	63.2#

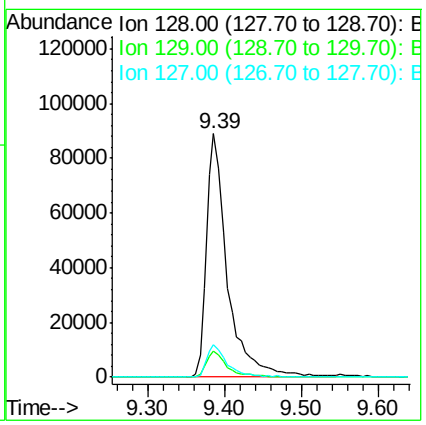


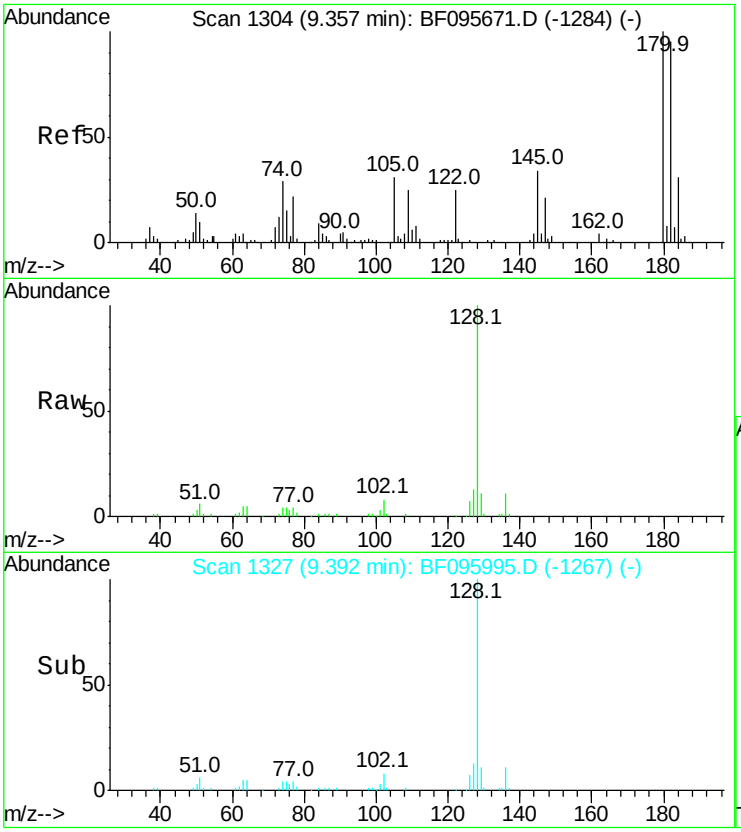


#31
Naphthalene
Concen: 10.67 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:128 Resp: 166391

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.4	10.8	16.2



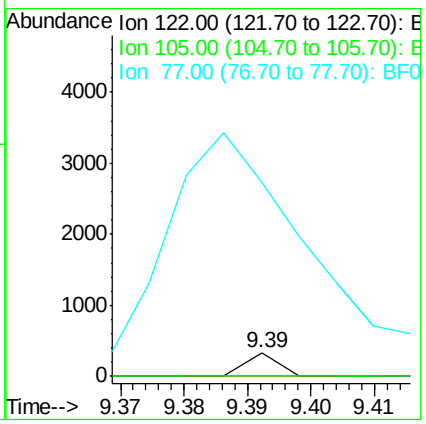


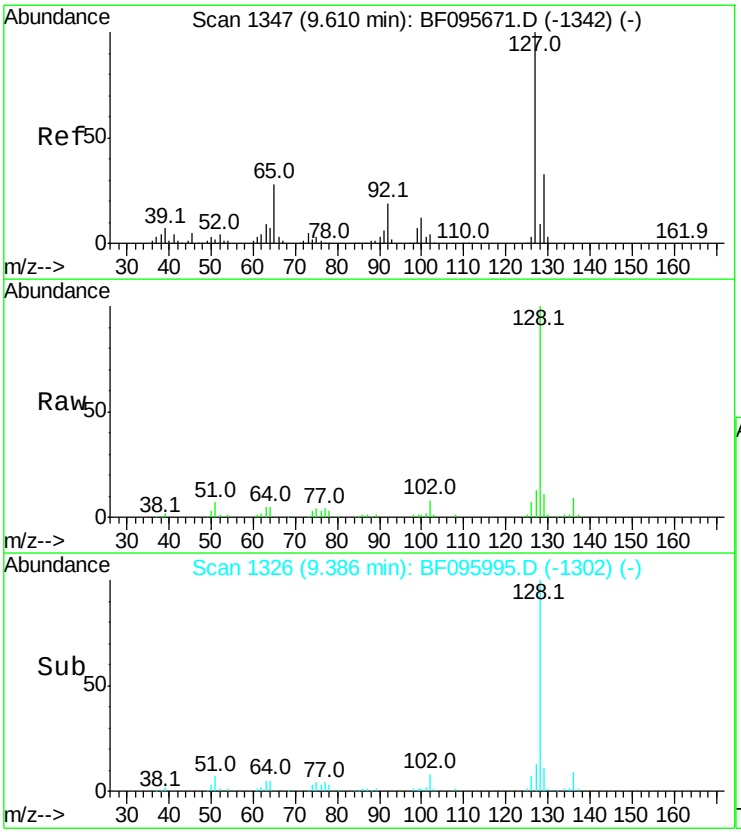
#32
Benzoic acid
Concen: 5.16 ng
RT: 9.39 min Scan# 1327
Delta R.T. 0.05 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	824.5	73.7	113.7#

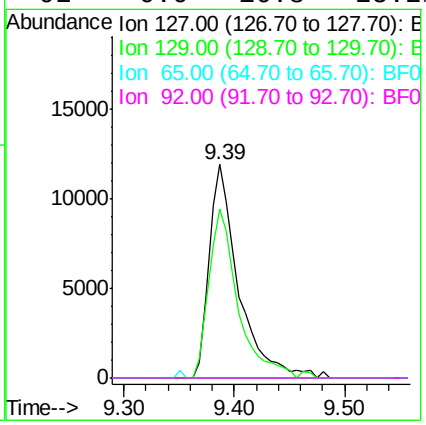


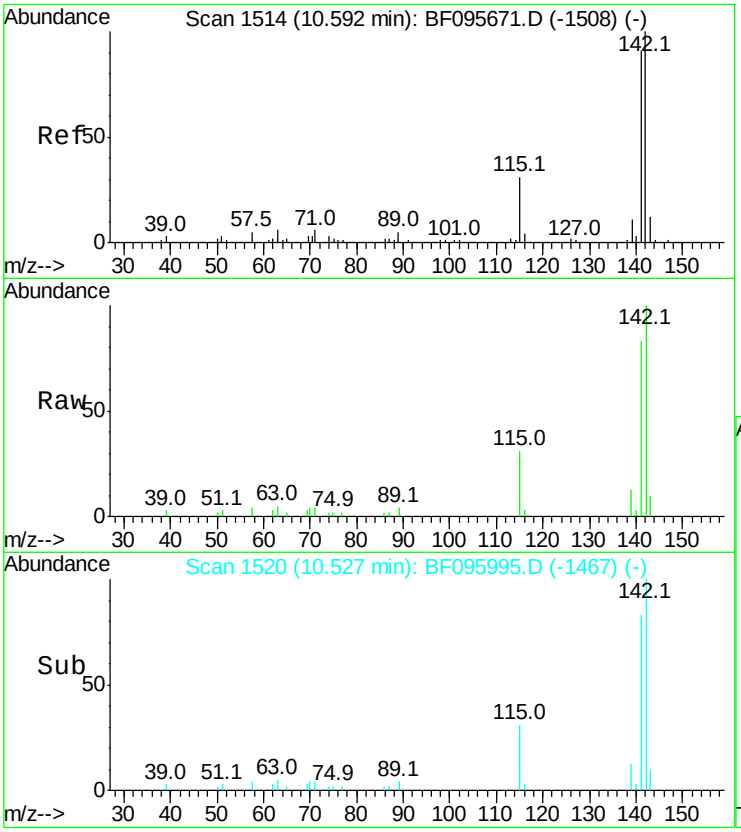


#33
4-Chloroaniline
Concen: 3.57 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.16 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:127 Resp: 21784

Ion	Ratio	Lower	Upper
127	100		
129	79.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



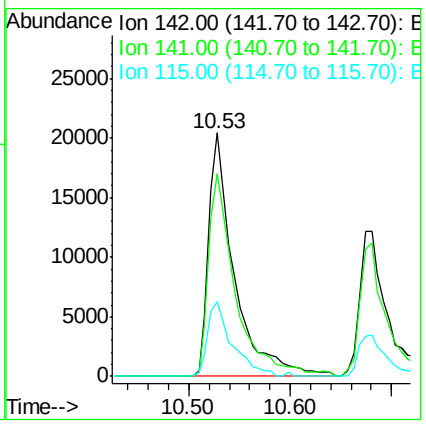


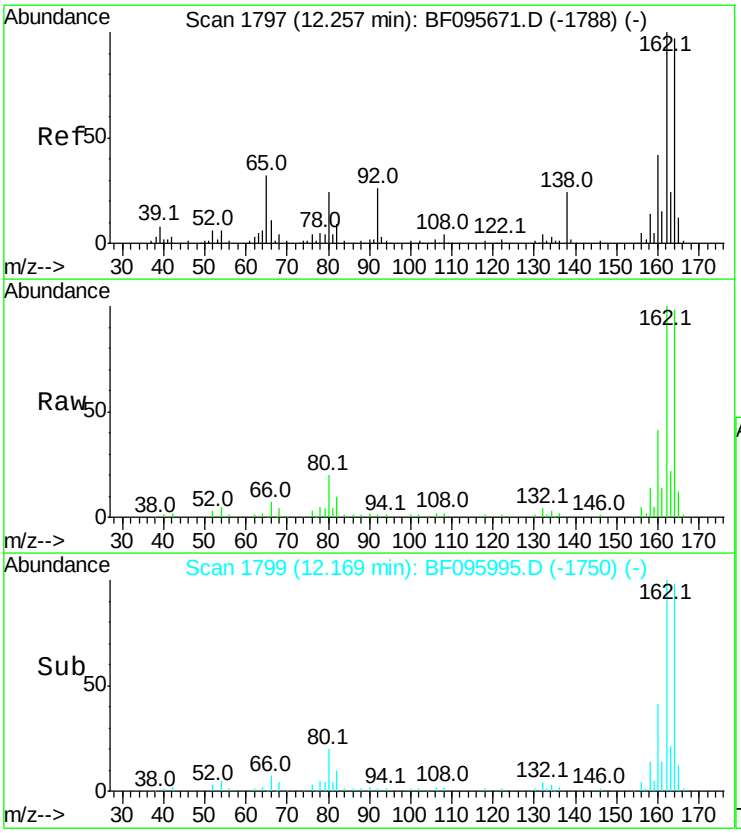
#37
2-Methylnaphthalene
Concen: 3.42 ng
RT: 10.53 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 36008

Ion	Ratio	Lower	Upper
142	100		
141	83.5	71.3	106.9
115	30.8	27.1	40.7

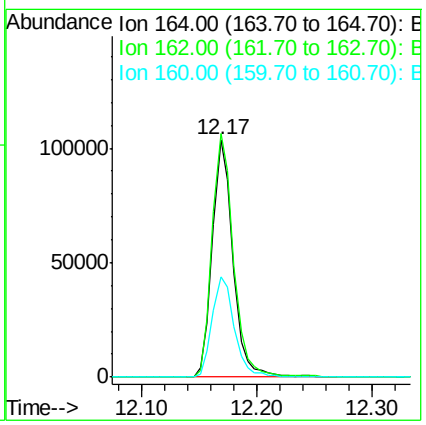


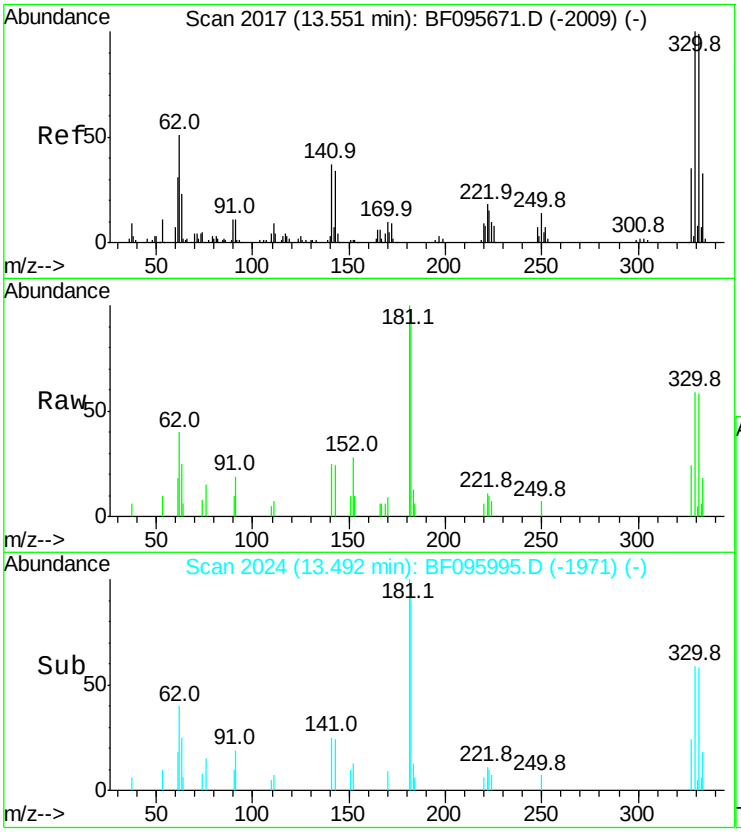


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:164 Resp: 129330

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	42.2	36.2	54.2



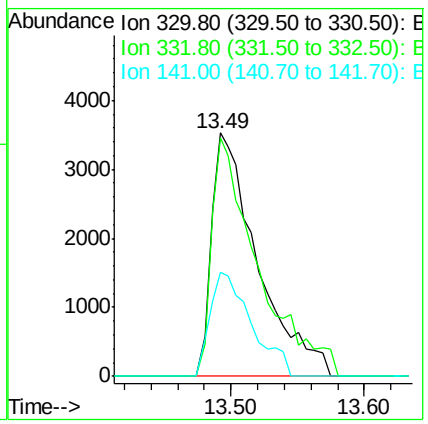


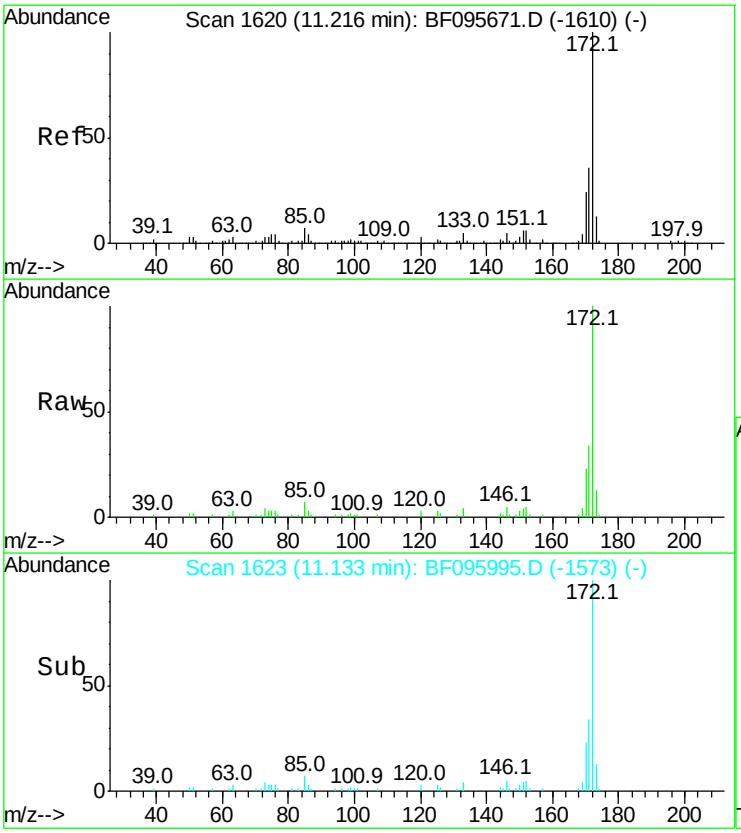
#41
2,4,6-Tribromophenol
Concen: 7.41 ng
RT: 13.49 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 8477

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	38.6	31.4	47.2

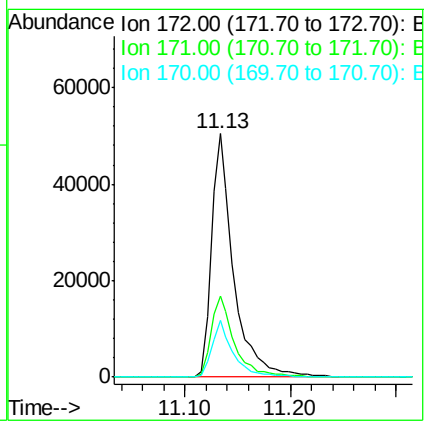


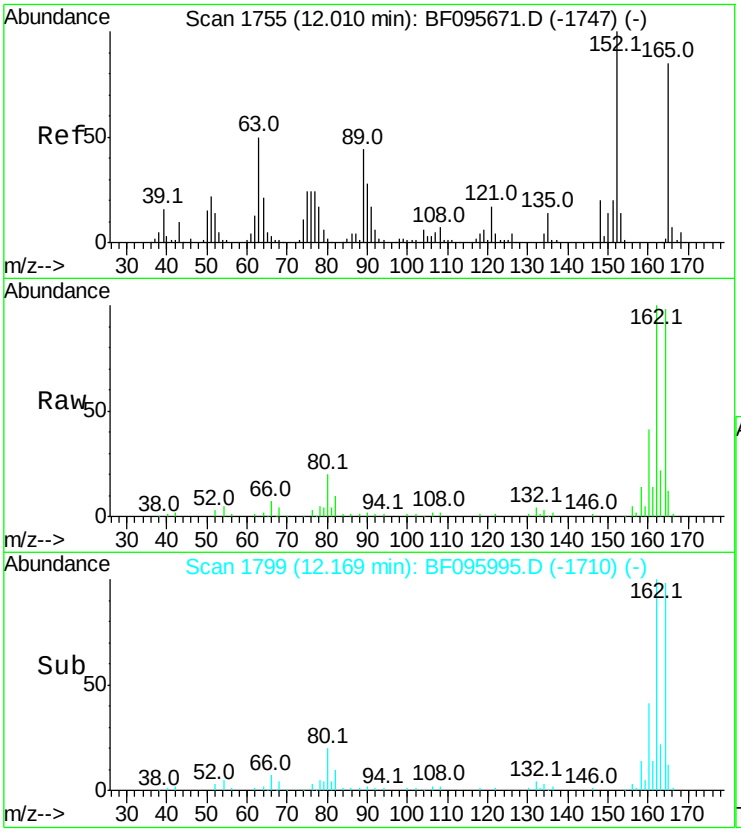


#44
2-Fluorobiphenyl
Concen: 7.95 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:172 Resp: 73902

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	23.5	19.8	29.8



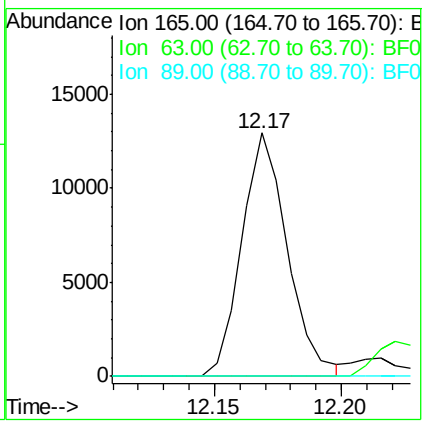


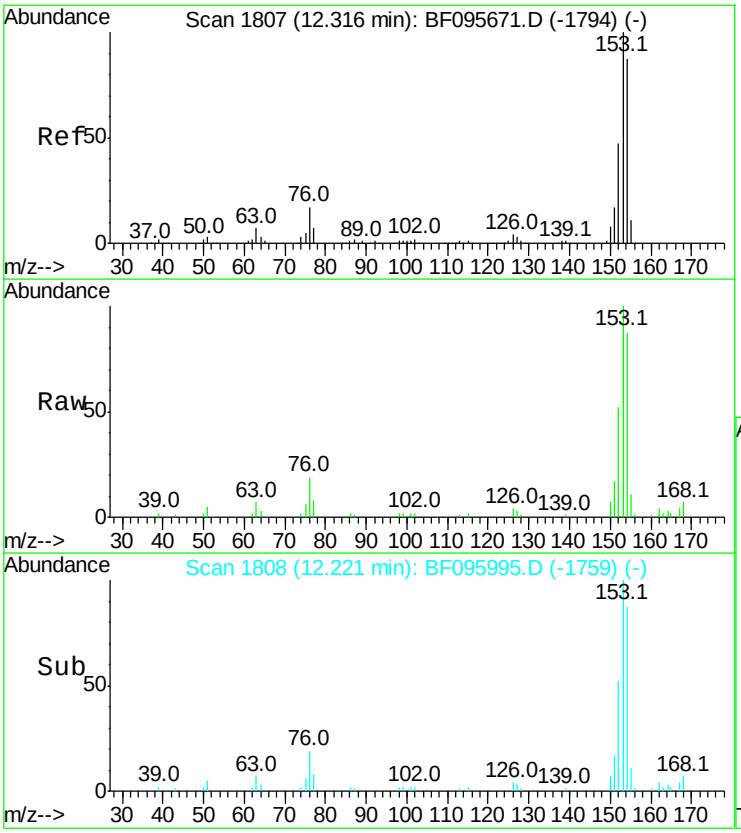
#50
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 12.17 min Scan# 1799
Delta R.T. 0.22 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16172

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

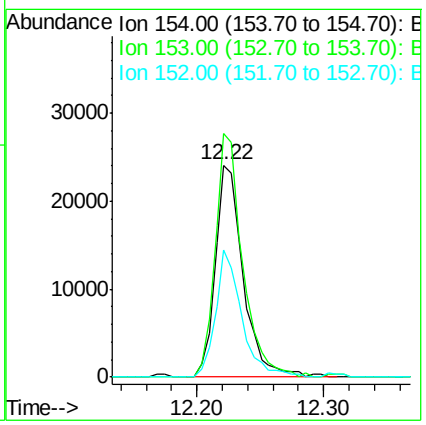


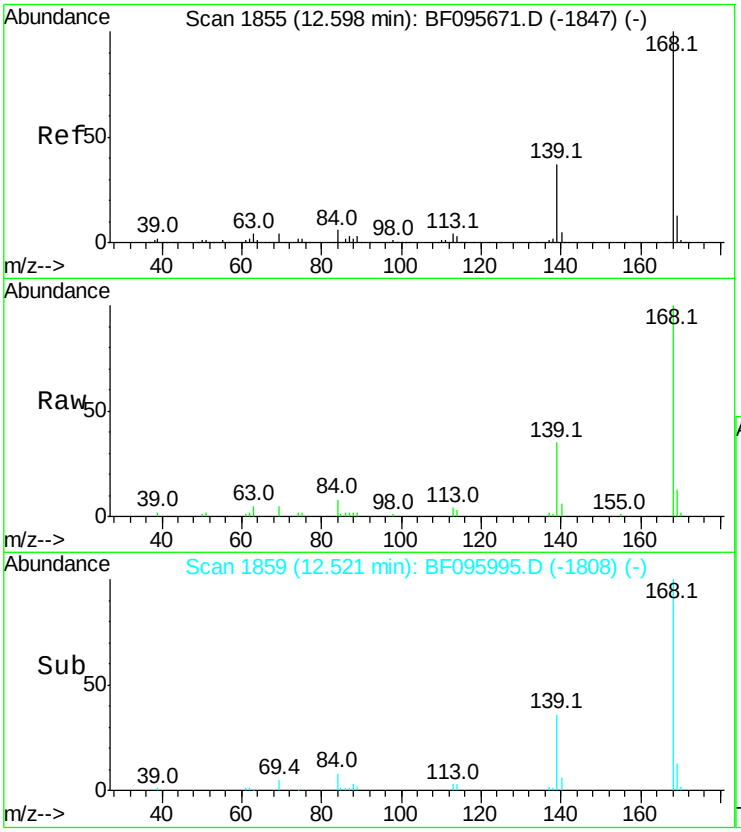


#51
Acenaphthene
Concen: 4.47 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:154 Resp: 36804

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	60.0	43.6	65.4



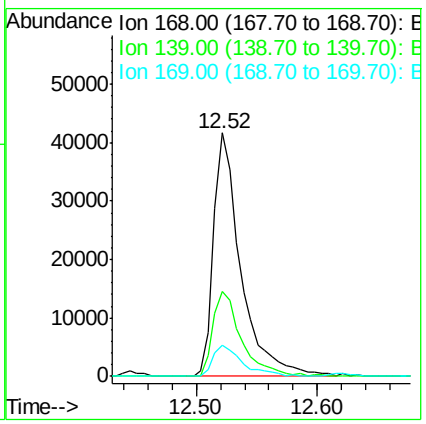


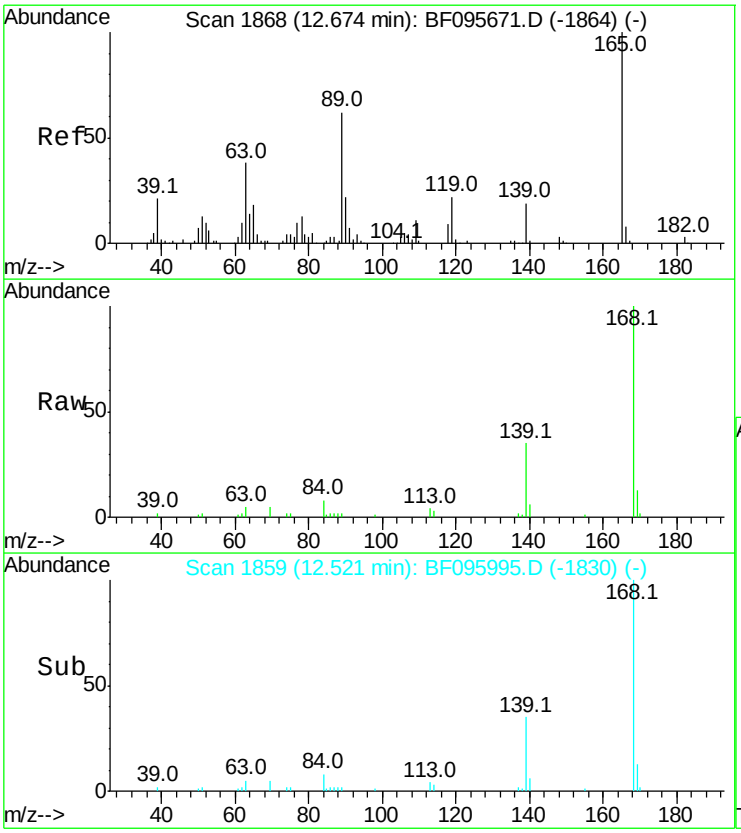
#54
Dibenzofuran
Concen: 5.60 ng
RT: 12.52 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 64775

Ion	Ratio	Lower	Upper
168	100		
139	34.6	30.6	45.8
169	12.6	10.8	16.2

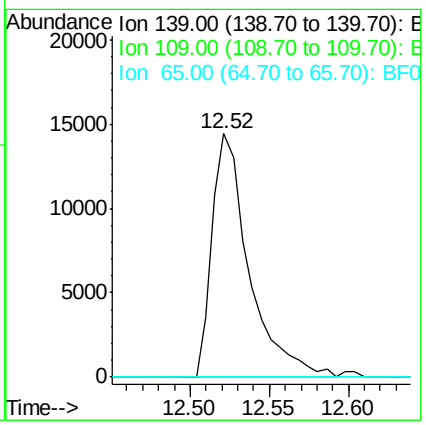


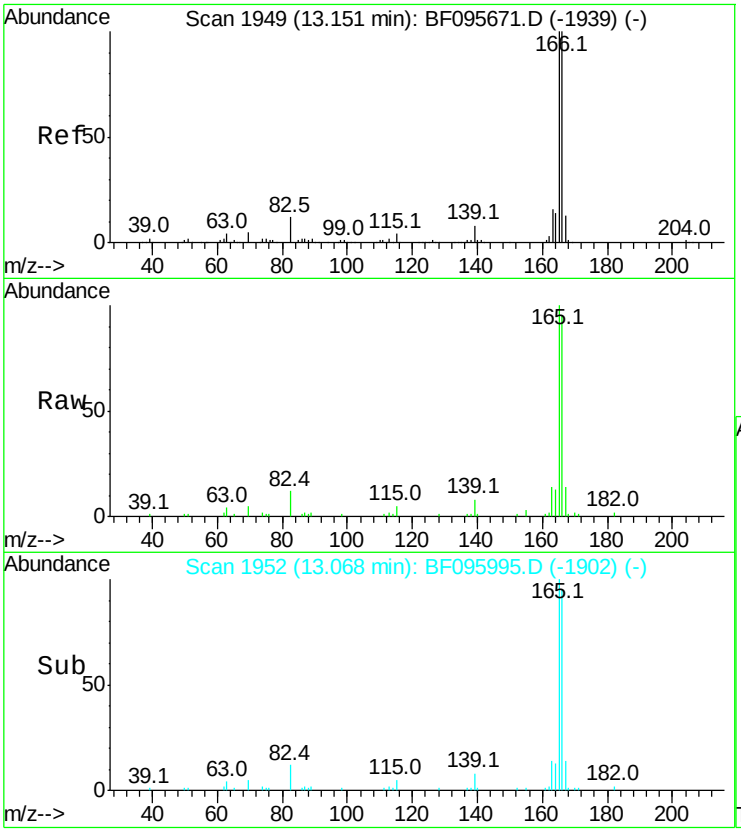


#55
4-Nitrophenol
Concen: 19.76 ng
RT: 12.52 min Scan# 1859
Delta R.T. -0.13 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:139 Resp: 23404

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



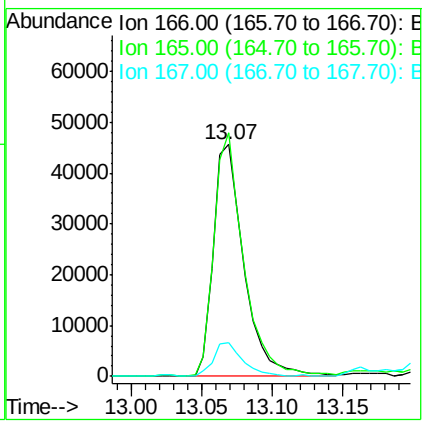


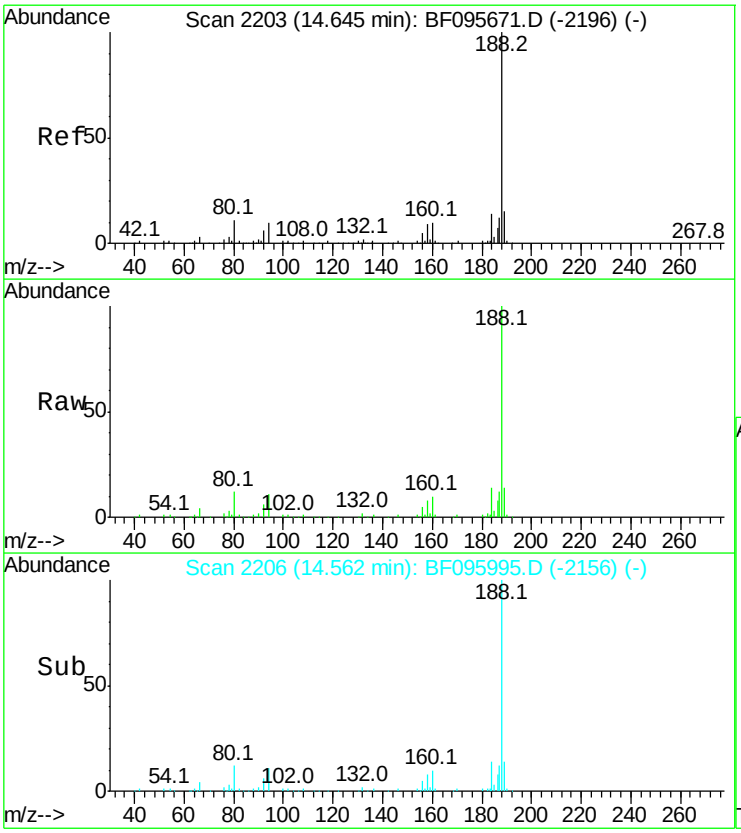
#57
Fluorene
Concen: 6.86 ng
RT: 13.07 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 69090

Ion	Ratio	Lower	Upper
166	100		
165	105.1	78.8	118.2
167	14.3	10.6	16.0

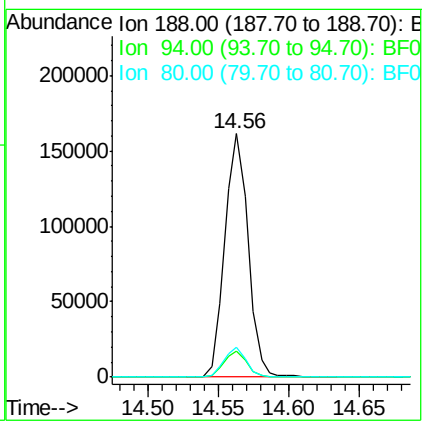


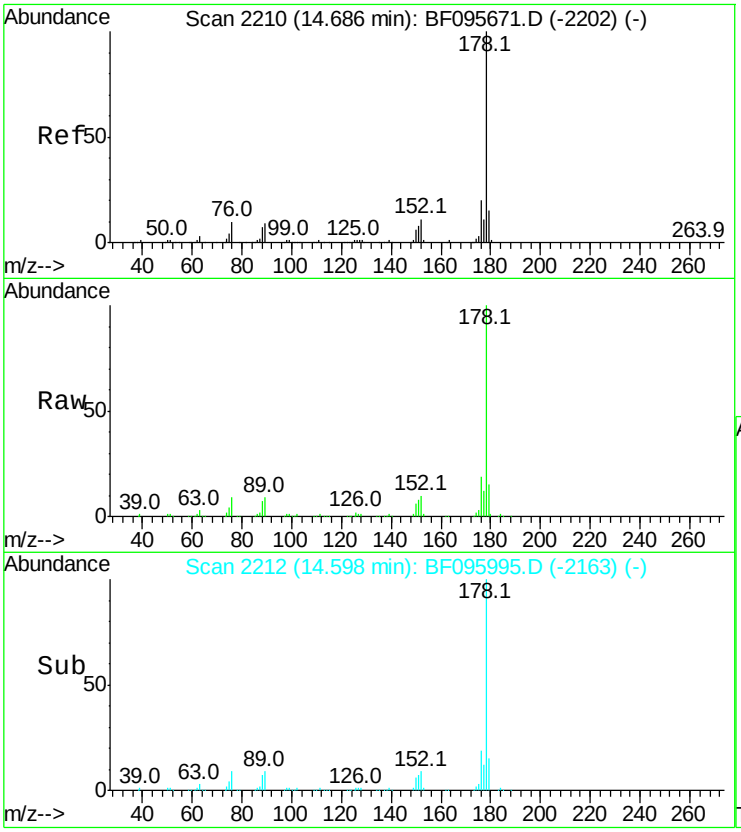


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:188 Resp: 185549

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.2	10.2	15.2



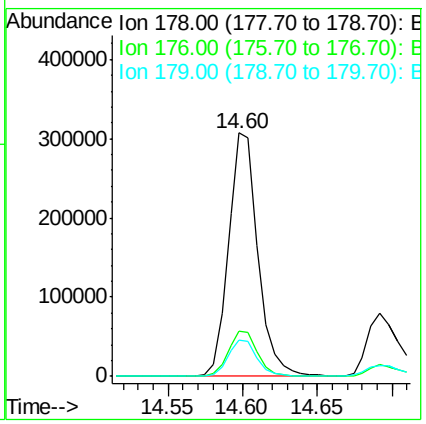


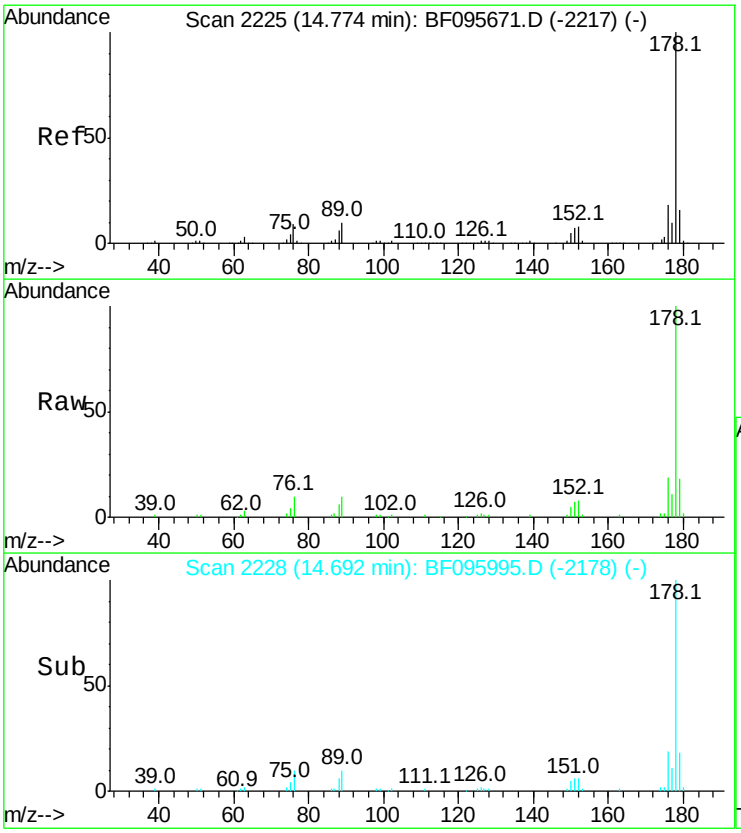
#70
Phenanthrene
Concen: 39.56 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 423537

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.1	12.6	19.0

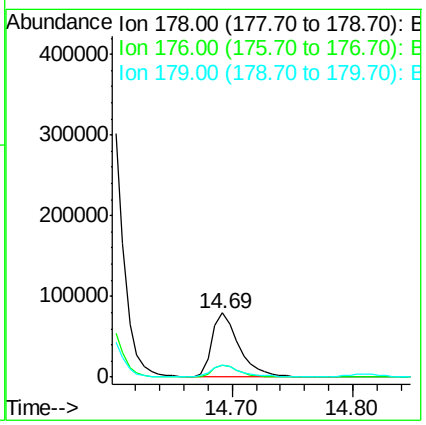


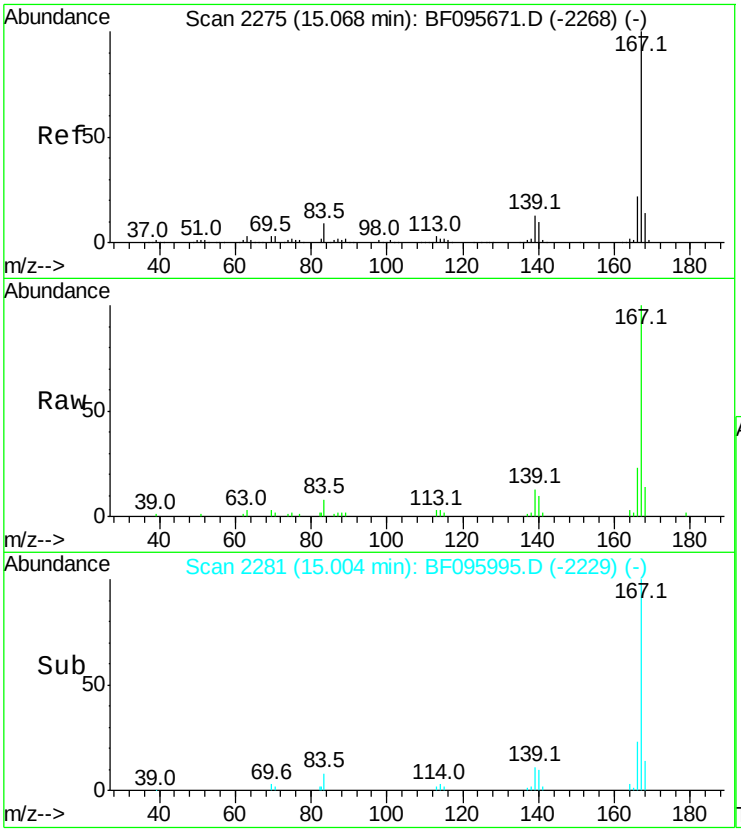


#71
Anthracene
Concen: 10.89 ng
RT: 14.69 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:178 Resp: 121758

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	17.9	12.7	19.1



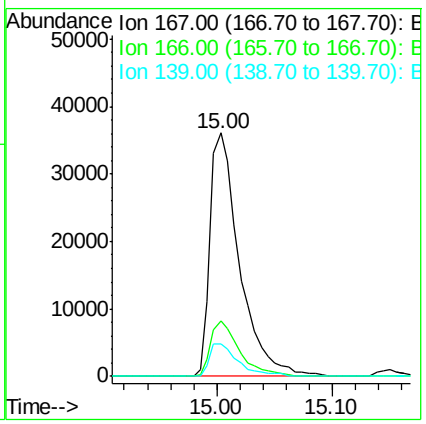


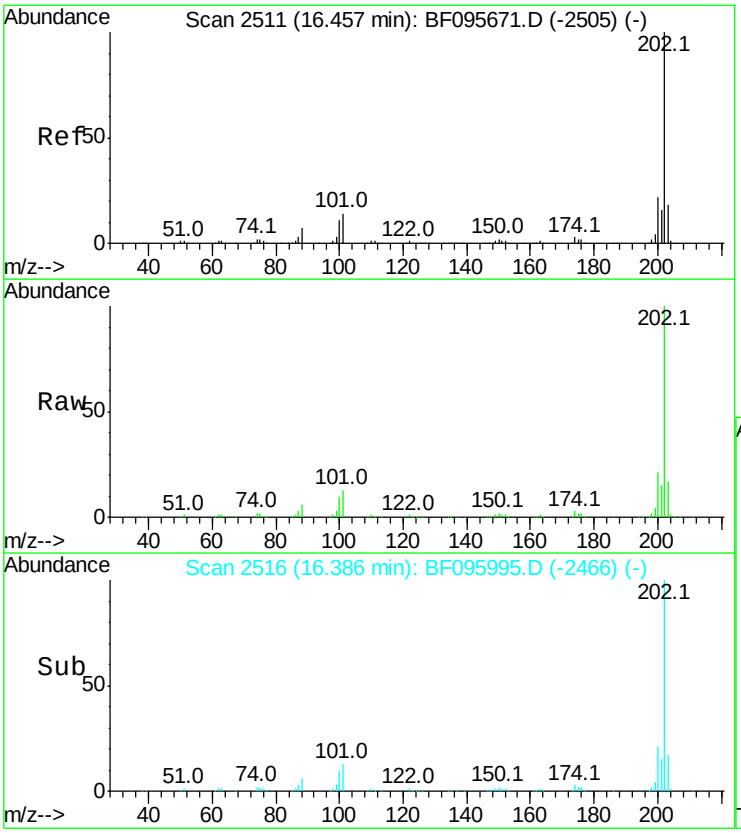
#72
Carbazole
Concen: 5.89 ng
RT: 15.00 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 64115

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.1	11.7	17.5

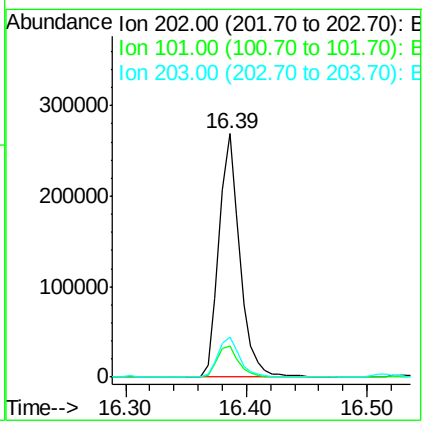


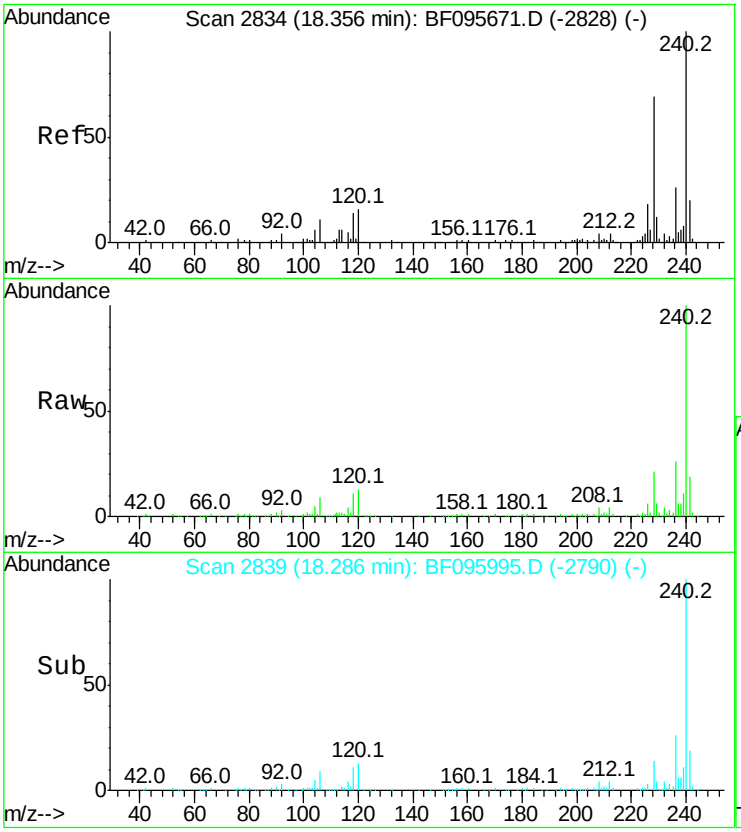


#74
Fluoranthene
Concen: 30.26 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:202 Resp: 320652

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	16.7	0.0	38.1



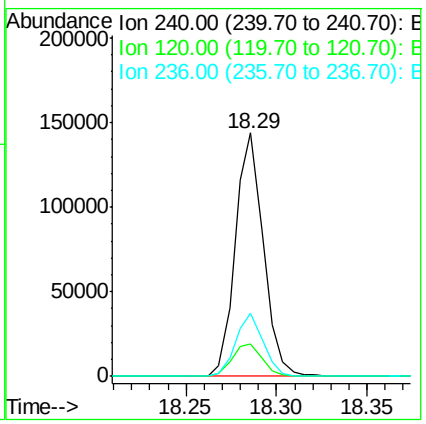


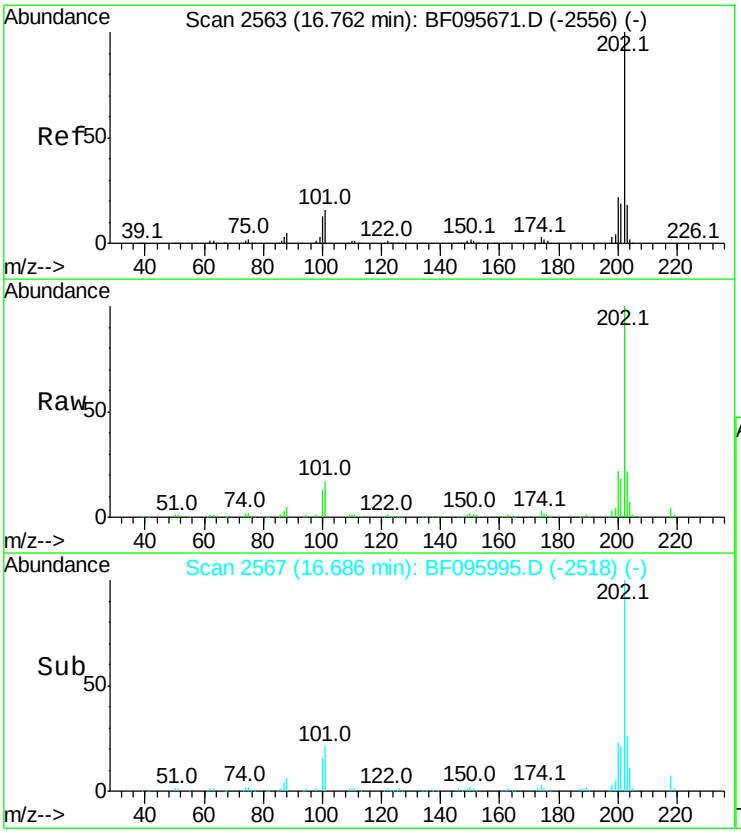
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 154788

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.7	20.5	30.7

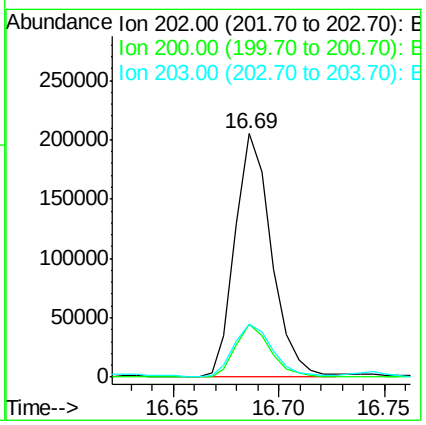


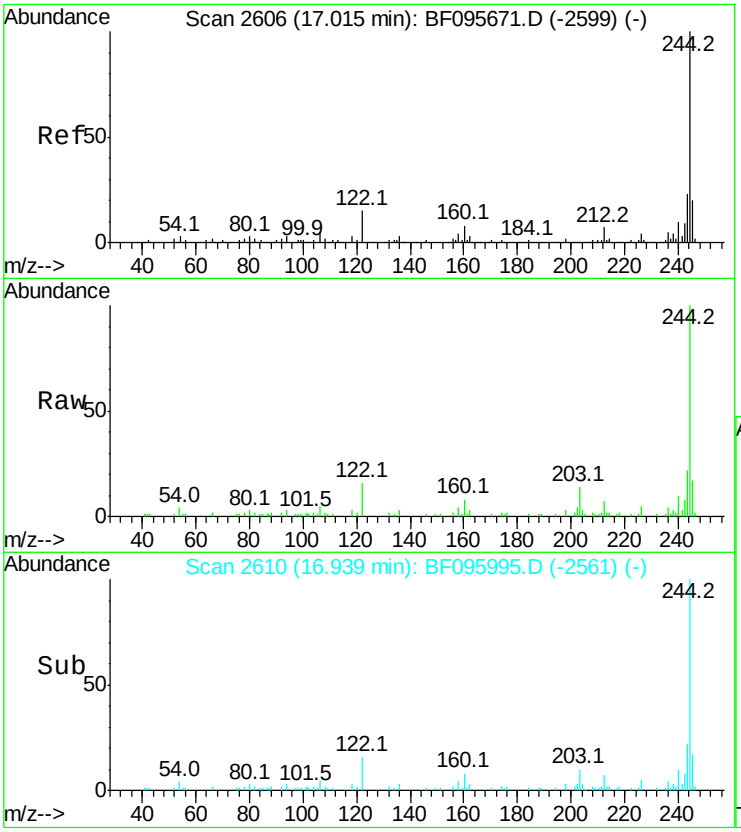


#77
Pyrene
Concen: 21.22 ng
RT: 16.69 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:202 Resp: 245124

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	21.9	14.4	21.6#



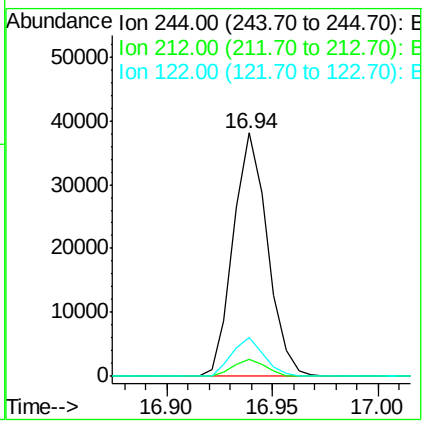


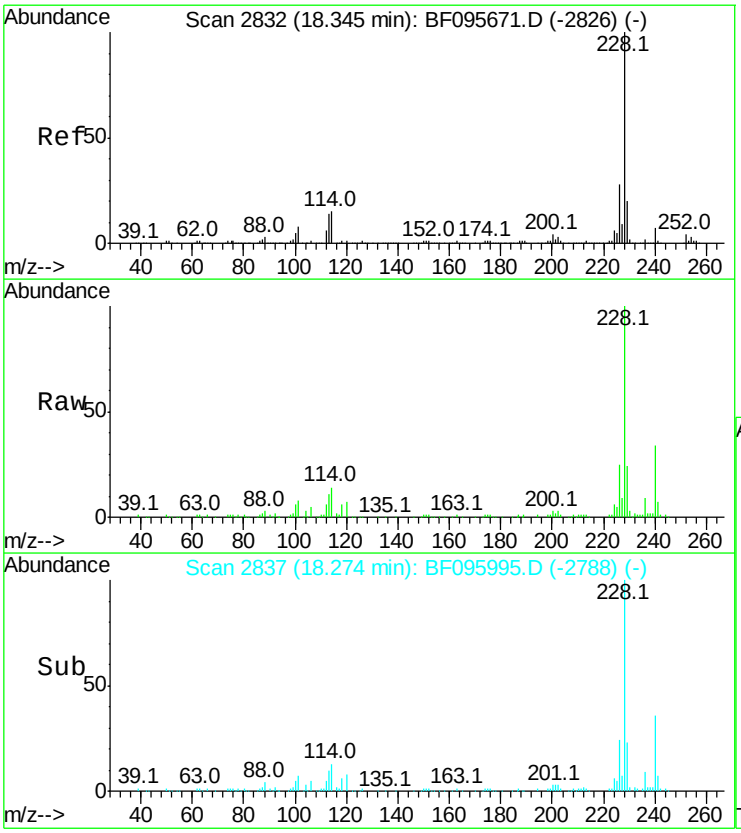
#78
Terphenyl-d14
Concen: 6.85 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 42738

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.2	10.3	15.5#

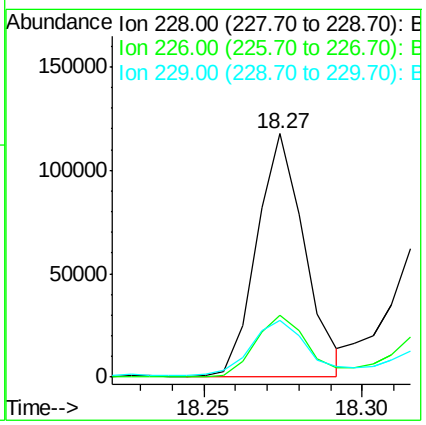


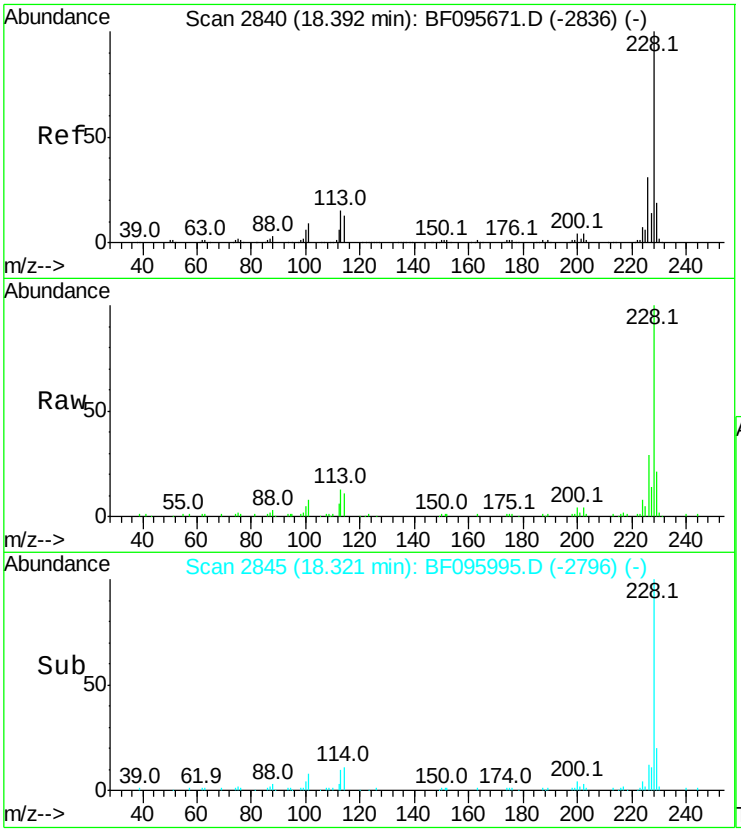


#80
Benzo(a)anthracene
Concen: 13.64 ng
RT: 18.27 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:228 Resp: 122713

Ion	Ratio	Lower	Upper
228	100		
226	25.4	22.6	33.8
229	23.5	16.3	24.5



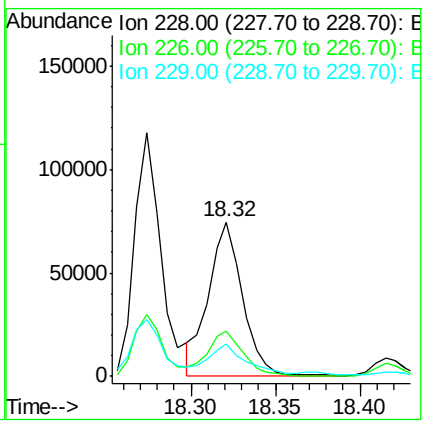


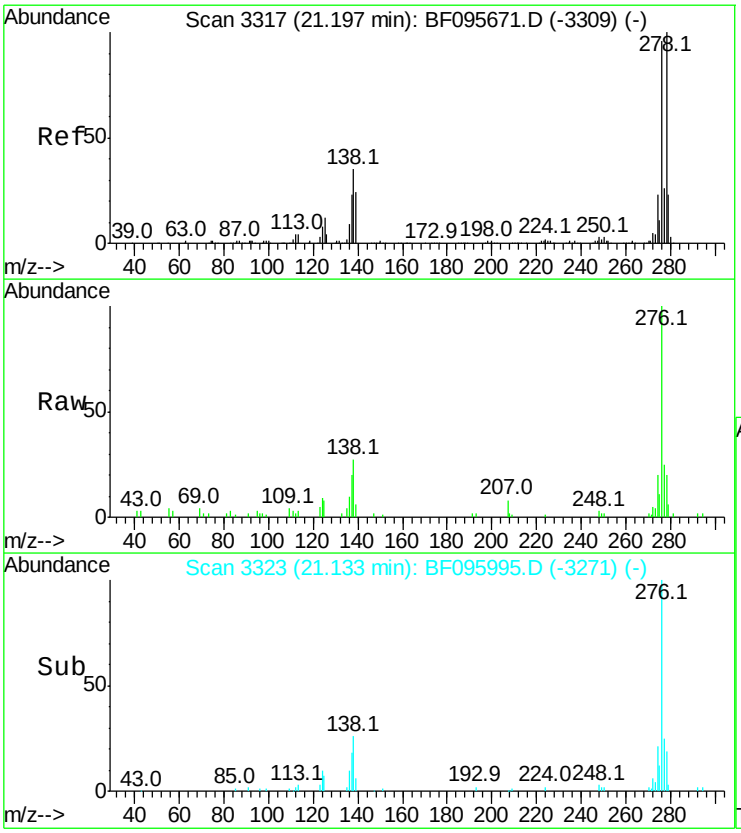
#82
Chrysene
Concen: 11.61 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 104449

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	20.6	15.8	23.6

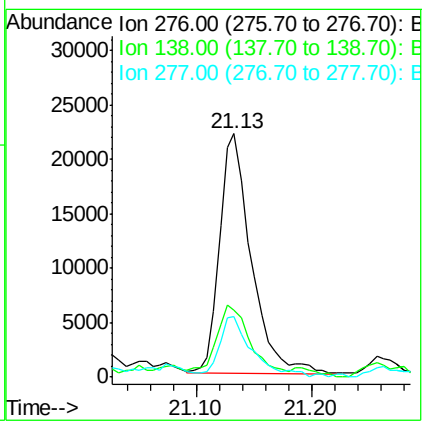


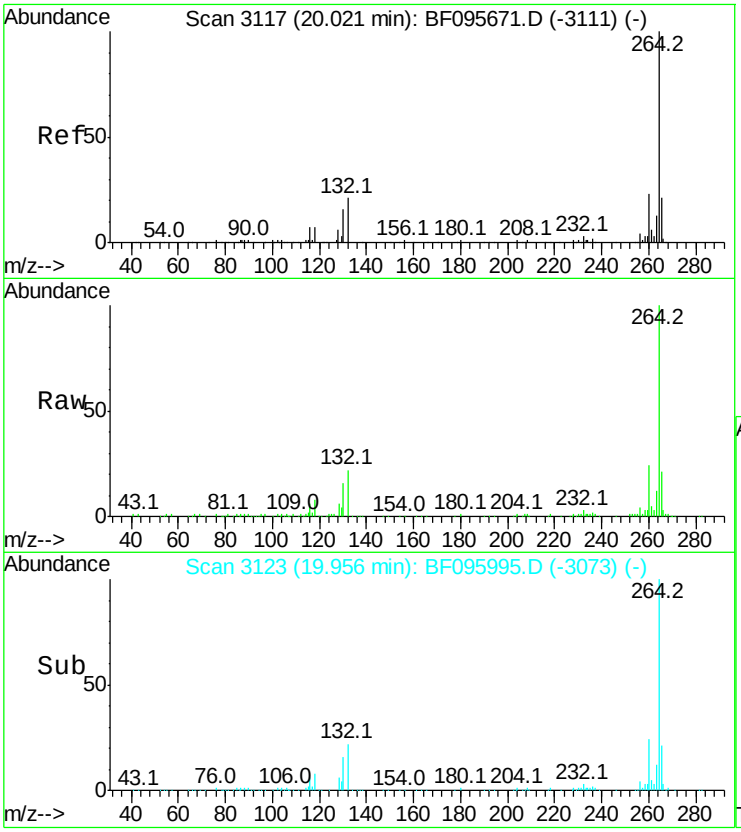


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.45 ng
RT: 21.13 min Scan# 3323
Delta R.T. 0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:276 Resp: 41964

Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.8	41.6
277	25.7	20.2	30.4



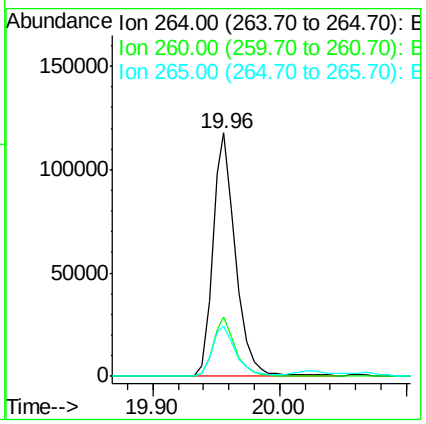


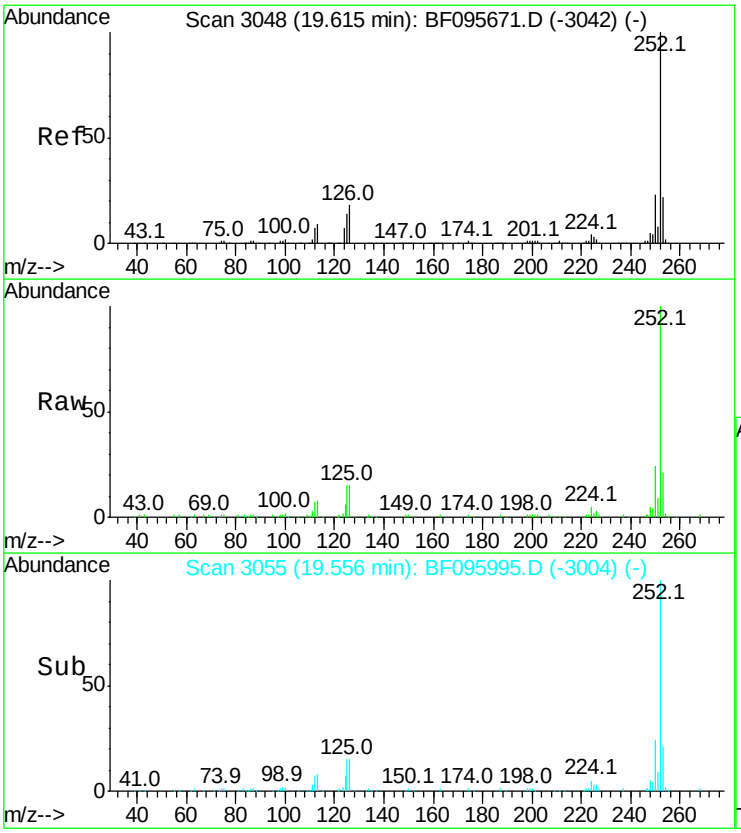
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 146577

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.7	17.2	25.8

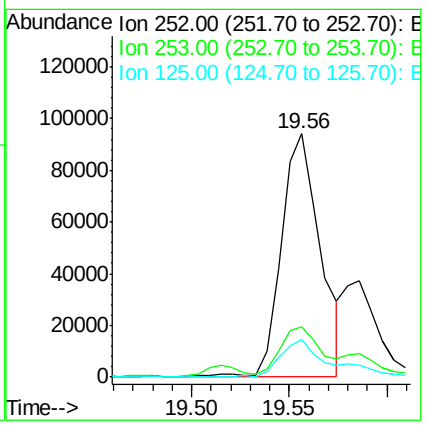


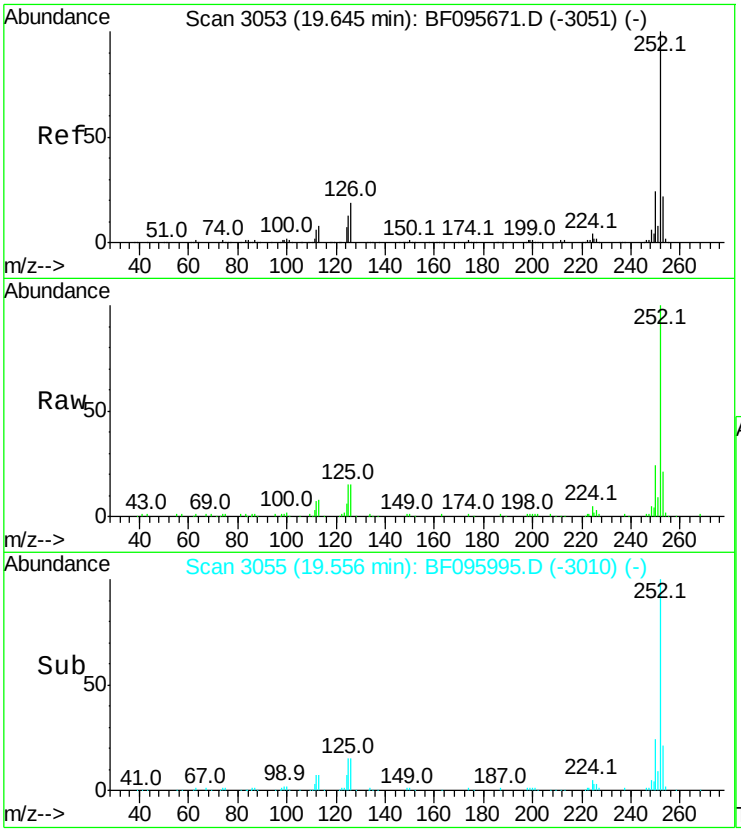


#87
Benzo(b)fluoranthene
Concen: 14.18 ng
RT: 19.56 min Scan# 3055
Delta R.T. 0.00 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:252 Resp: 130136

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	15.2	9.8	14.8#



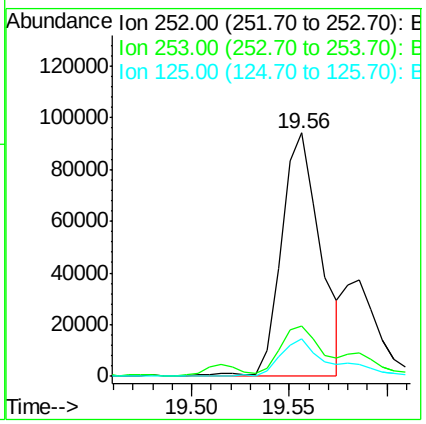


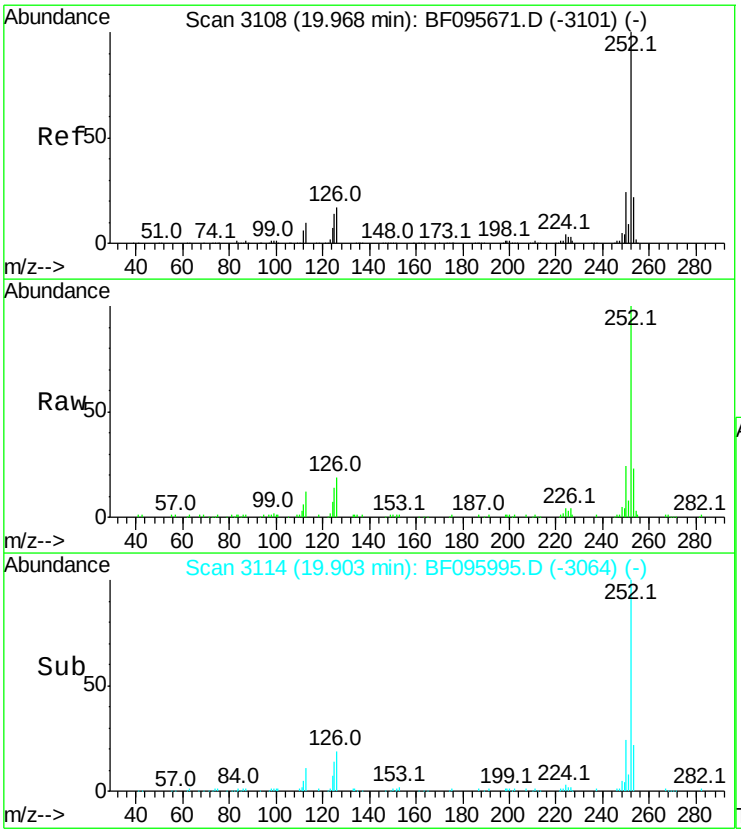
#88
Benzo(k)fluoranthene
Concen: 14.83 ng
RT: 19.56 min Scan# 3055
Delta R.T. -0.04 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 130136

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.4	27.6
125	15.2	13.1	19.7

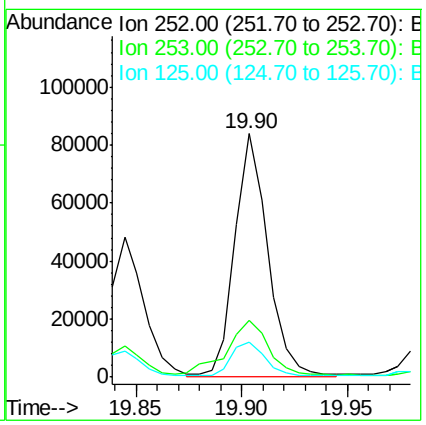


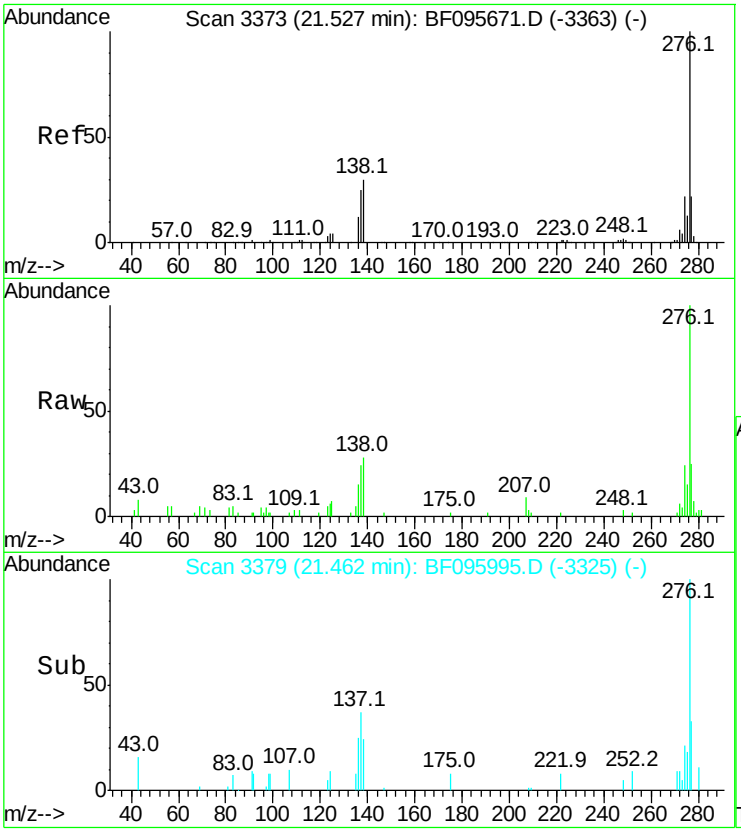


#89
Benzo(a)pyrene
Concen: 10.65 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Tgt Ion:252 Resp: 89804

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.90 ng
RT: 21.46 min Scan# 3379
Delta R.T. 0.02 min
Lab File: BF095995.D
Acq: 17 Jun 2017 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 35735

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	28.3	25.4	38.0