Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096005.D
Acq On : 19 Jun 2017 14:35
Operator : SJ/MA
Sample : I3683-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 19 16:40:01 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	7.30	152	94939	20.00	ng		-0.02
21) Naphthalene-d8	9.33	136	402717	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	180636	20.00	ng		-0.02
63) Phenanthrene-d10	14.54	188	301212	20.00	ng		-0.02
75) Chrysene-d12	18.27	240	193391	20.00	ng		-0.02
86) Perylene-d12	19.94	264	176857	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	35837	6.01	ng		0.05
7) Phenol-d6	6.95	99	50813	7.12	ng		0.04
23) Nitrobenzene-d5	8.27	82	37940	5.85	ng		0.02
41) 2,4,6-Tribromophenol	13.47	330	13221	8.27	ng		0.00
44) 2-Fluorobiphenyl	11.12	172	97752	7.53	ng		-0.02
78) Terphenyl-d14	16.93	244	70032	8.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	92572	32.66	ng	#	23
31) Naphthalene	9.37	128	213000	10.54	ng		99
32) Benzoic acid	9.37	122	327	5.20	ng	#	1
33) 4-Chloroaniline	9.37	127	27048	3.42	ng	#	31
37) 2-Methylnaphthalene	10.51	142	47262	3.46	ng		97
50) 2,6-Dinitrotoluene	12.16	165	22503	7.52	ng	#	31
51) Acenaphthene	12.21	154	48769	4.25	ng		97
54) Dibenzofuran	12.50	168	90134	5.57	ng		98
55) 4-Nitrophenol	12.50	139	31811	19.35	ng	#	25
57) Fluorene	13.05	166	101068	7.18	ng		98
70) Phenanthrene	14.59	178	647830	37.28	ng		99
71) Anthracene	14.59	178	647830	35.70	ng		99
72) Carbazole	14.98	167	106051	6.00	ng		95
74) Fluoranthene	16.37	202	523207	30.42	ng		99
77) Pyrene	16.67	202	394430	27.33	ng	#	95
80) Benzo(a)anthracene	18.31	228	130489	11.61	ng		97
82) Chrysene	18.31	228	130489	11.61	ng		99
85) Indeno(1,2,3-cd)pyrene	21.11	276	62910	6.54	ng		96
87) Benzo(b)fluoranthene	19.54	252	196258	17.72	ng		96
88) Benzo(k)fluoranthene	19.54	252	196258	18.54	ng		96
89) Benzo(a)pyrene	19.89	252	104941	10.31	ng		98
91) Benzo(g,h,i)perylene	21.44	276	62450	7.09	ng		97

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

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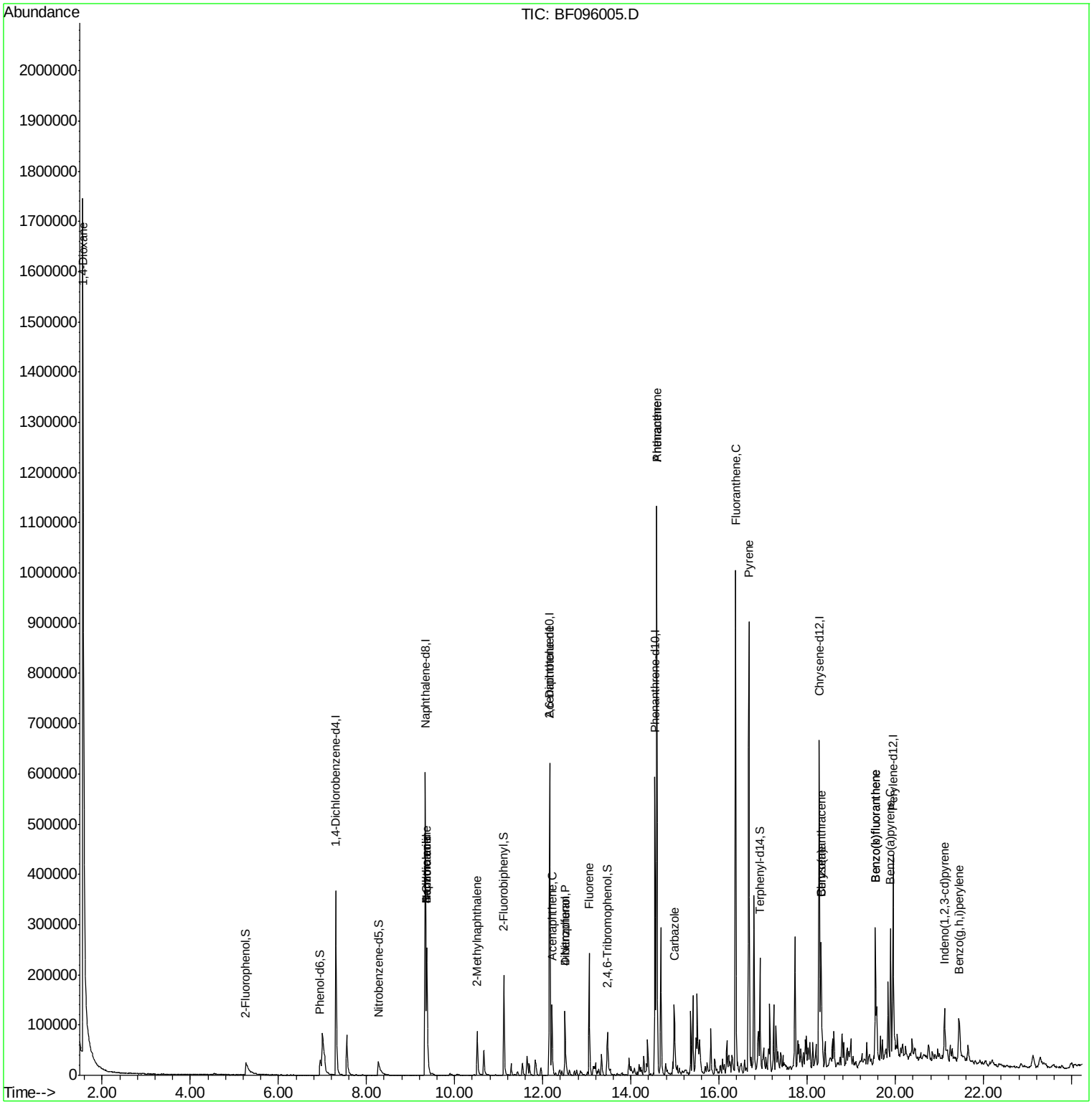
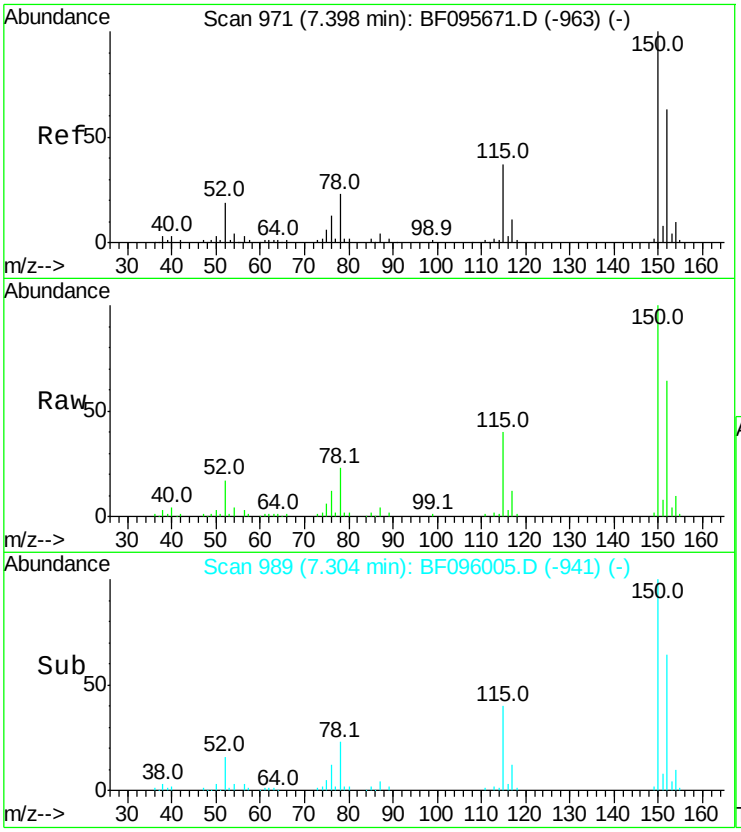


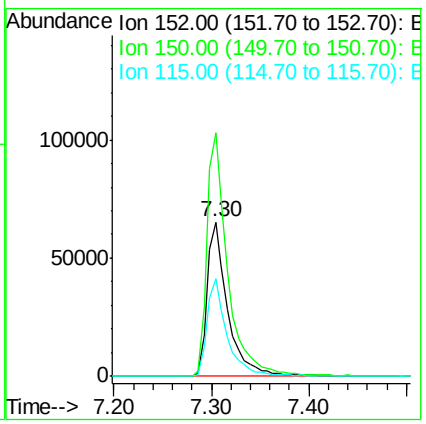


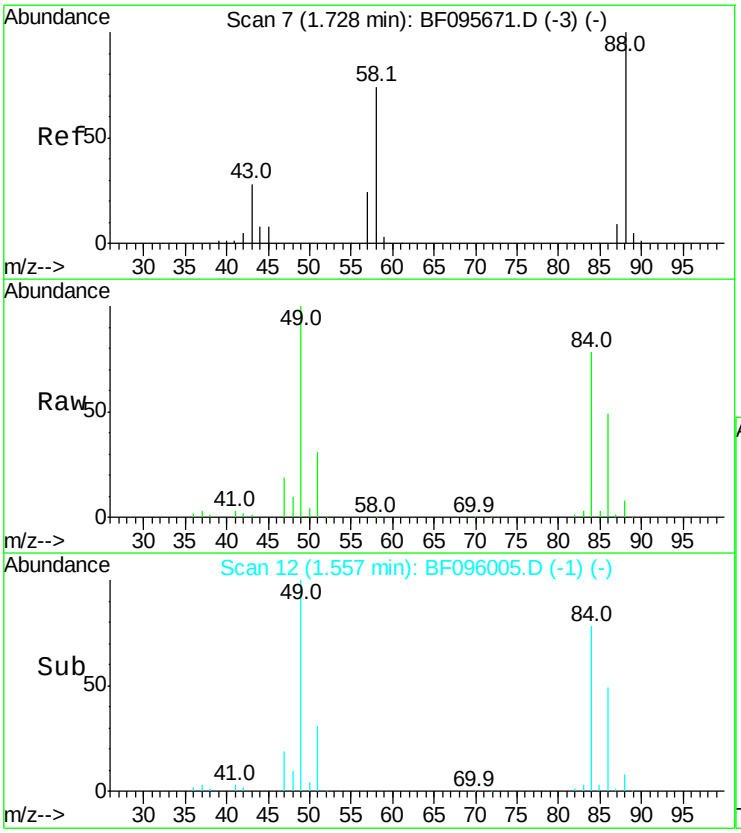
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94939

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	62.8	52.2	78.2

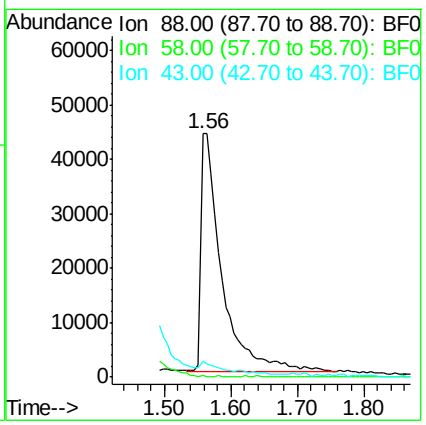


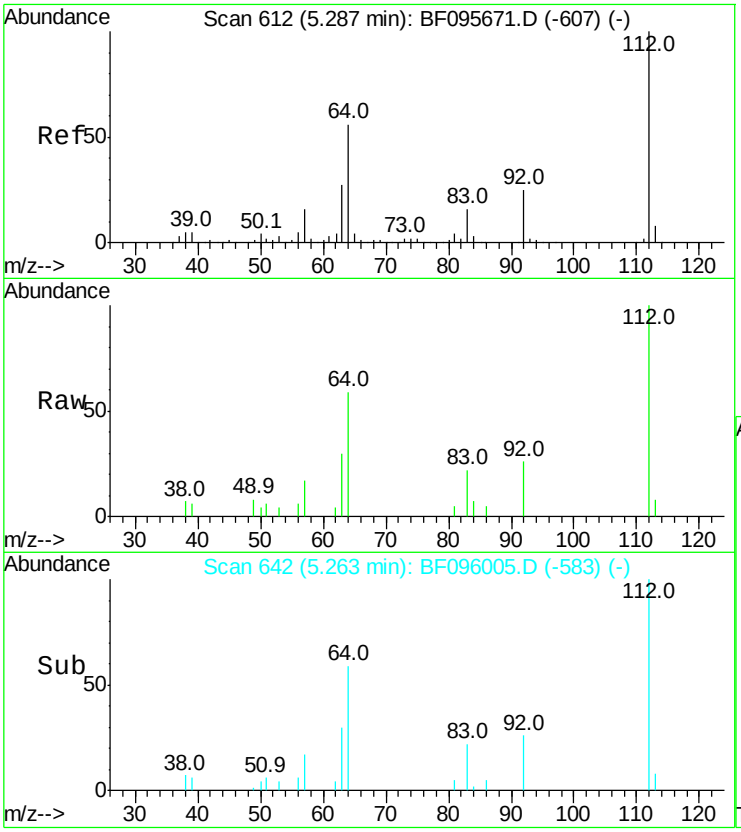


#2
1,4-Dioxane
Concen: 32.66 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion: 88 Resp: 92572

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	4.5	23.4	35.0#



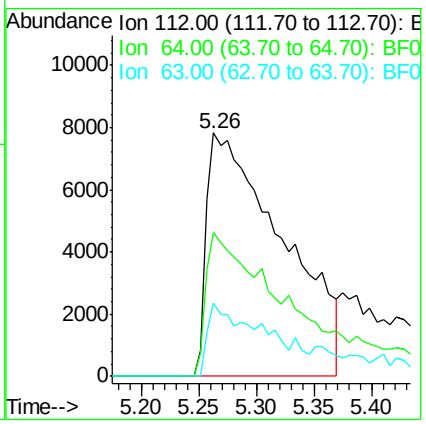


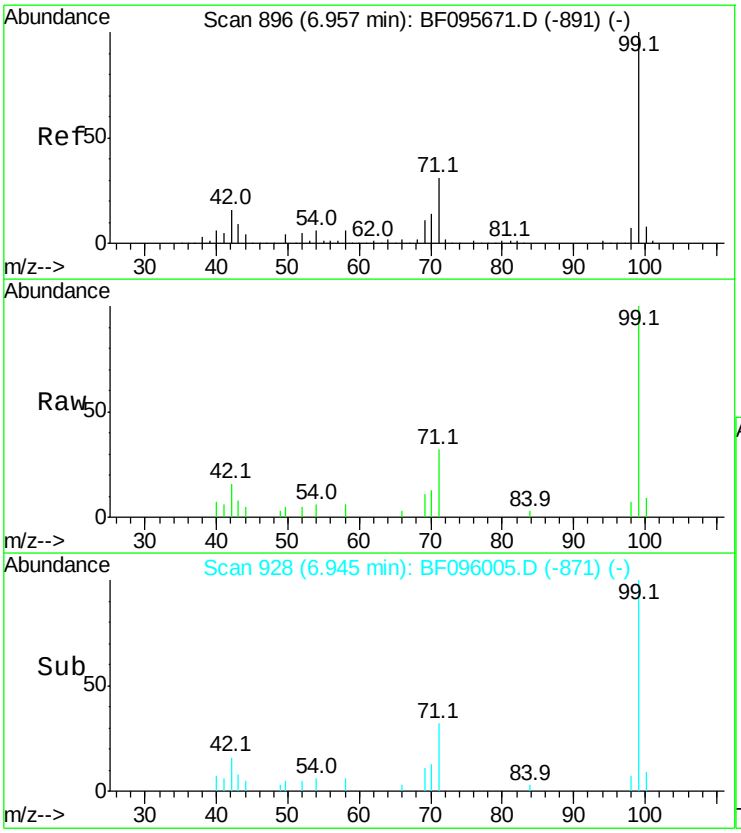
#5
2-Fluorophenol
Concen: 6.01 ng
RT: 5.26 min Scan# 642
Delta R.T. 0.05 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 35837

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	30.4	23.4	35.0

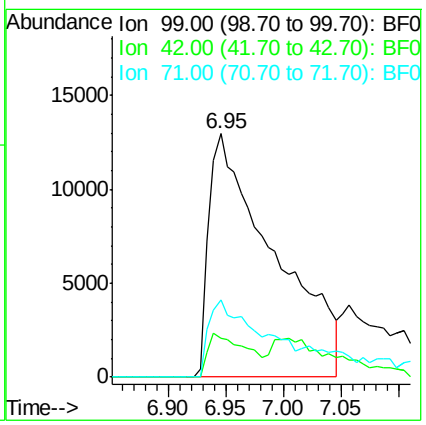


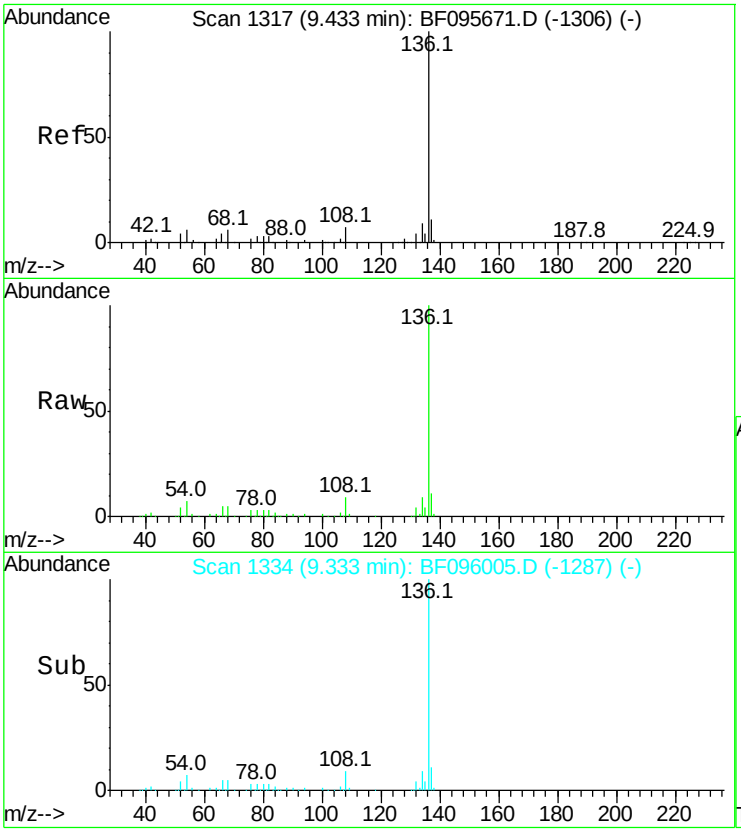


#7
Phenol-d6
Concen: 7.12 ng
RT: 6.95 min Scan# 928
Delta R.T. 0.04 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion: 99 Resp: 50813

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.6	24.5	36.7



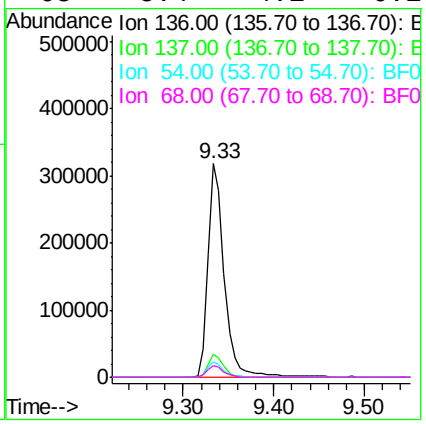


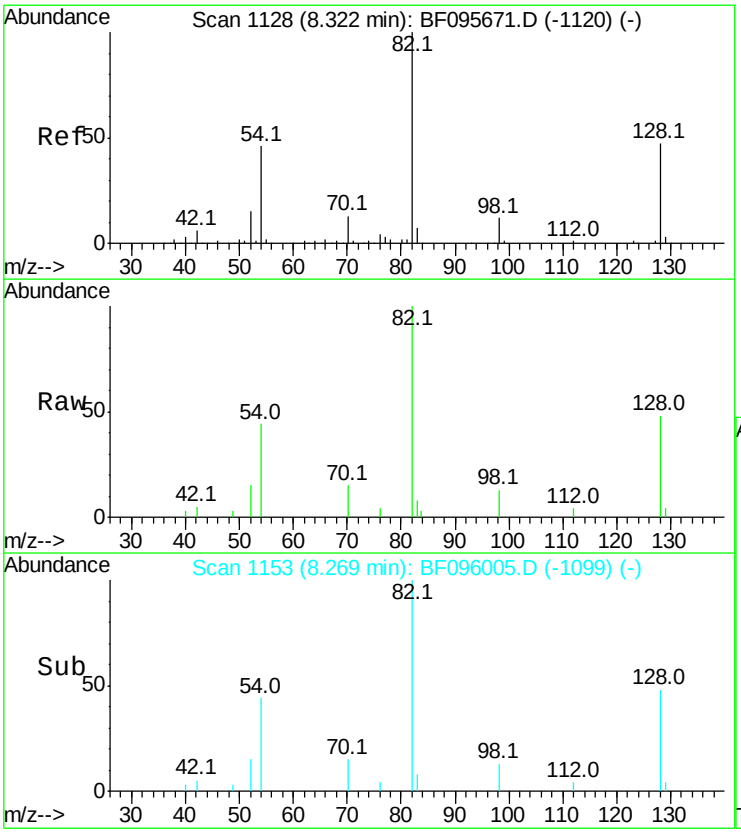
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 402717

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.0	4.9	7.3
68	5.4	4.1	6.1

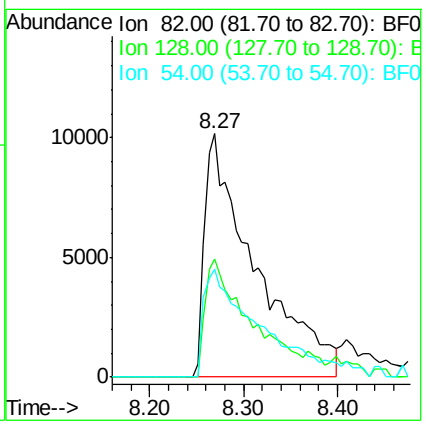


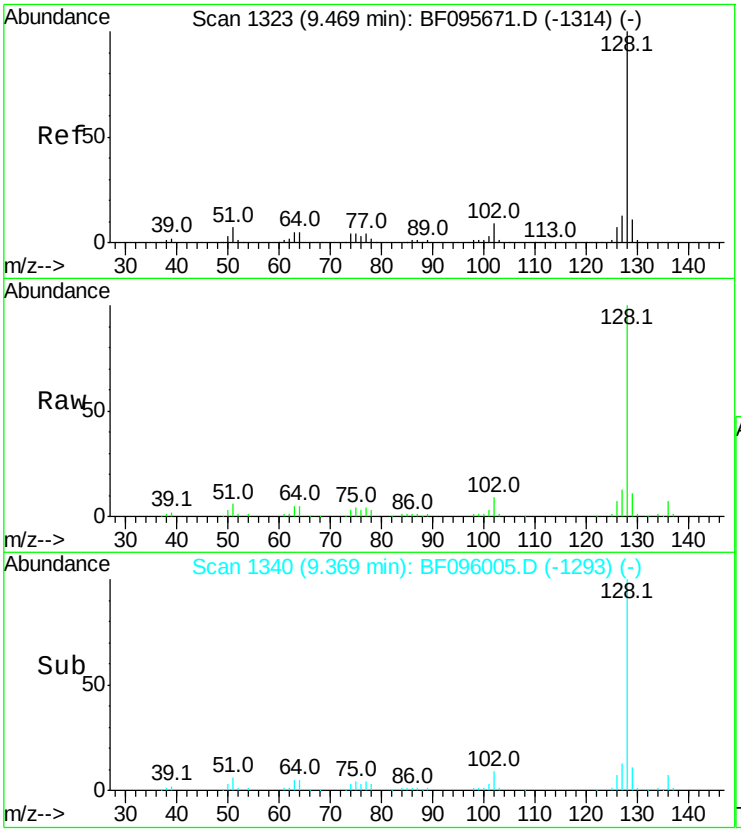


#23
Nitrobenzene-d5
Concen: 5.85 ng
RT: 8.27 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion: 82 Resp: 37940

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	44.1	42.2	63.2



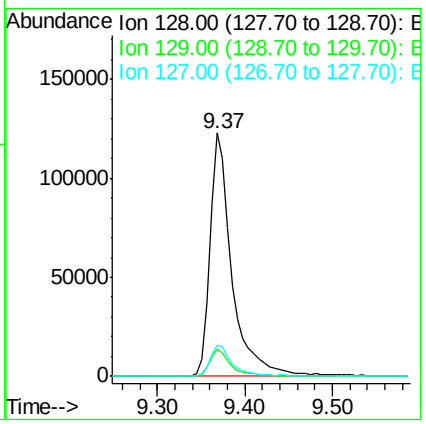


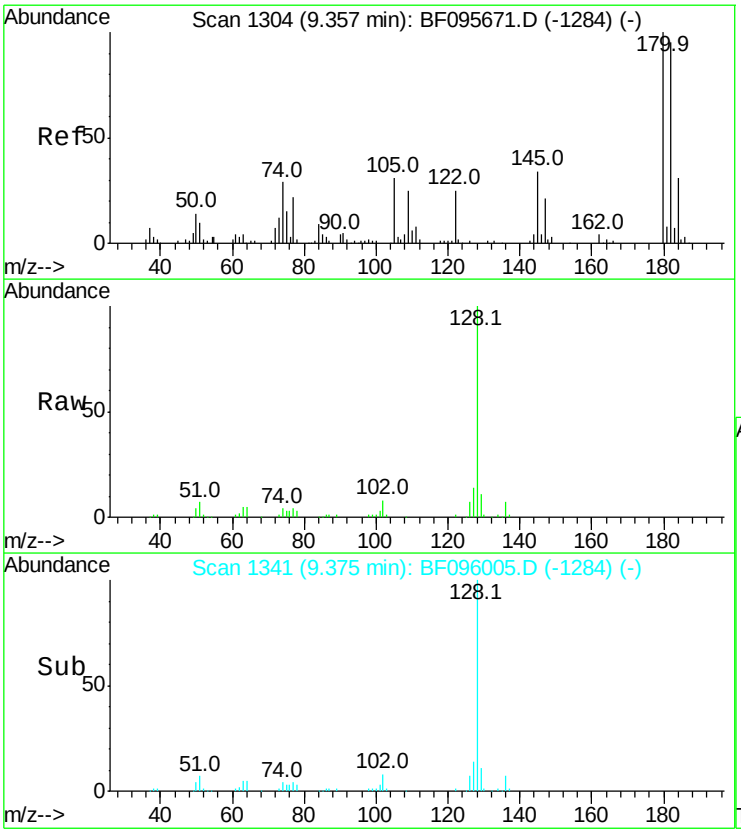
#31
Naphthalene
Concen: 10.54 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 213000

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.8	16.2

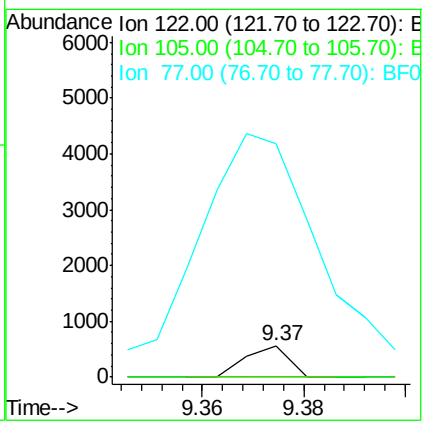


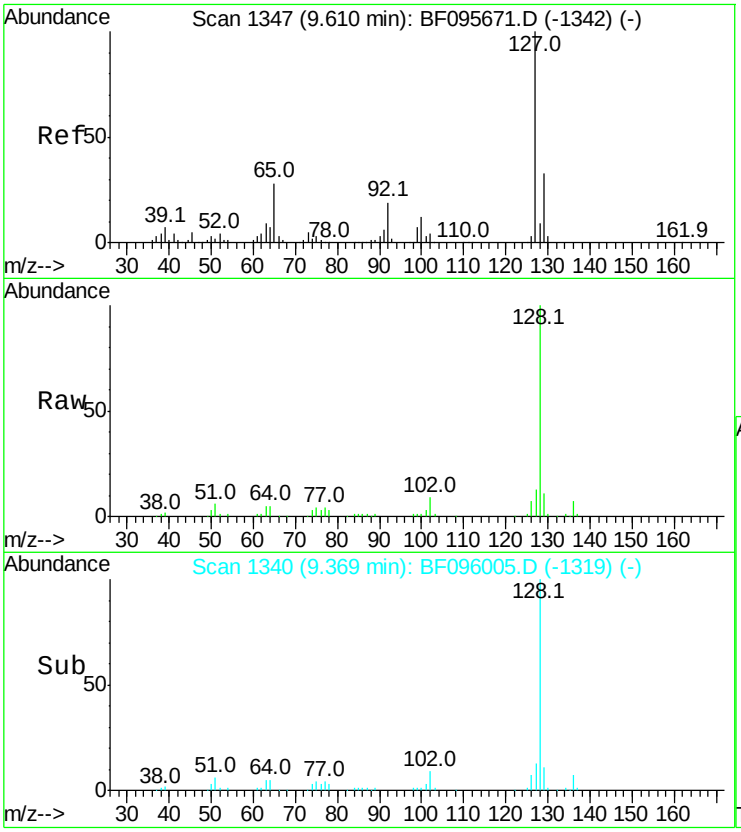


#32
Benzoic acid
Concen: 5.20 ng
RT: 9.37 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:122 Resp: 327

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	742.4	73.7	113.7#



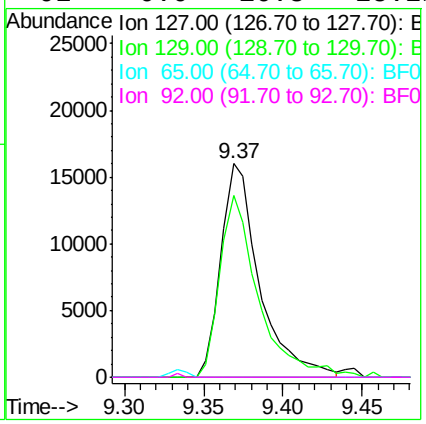


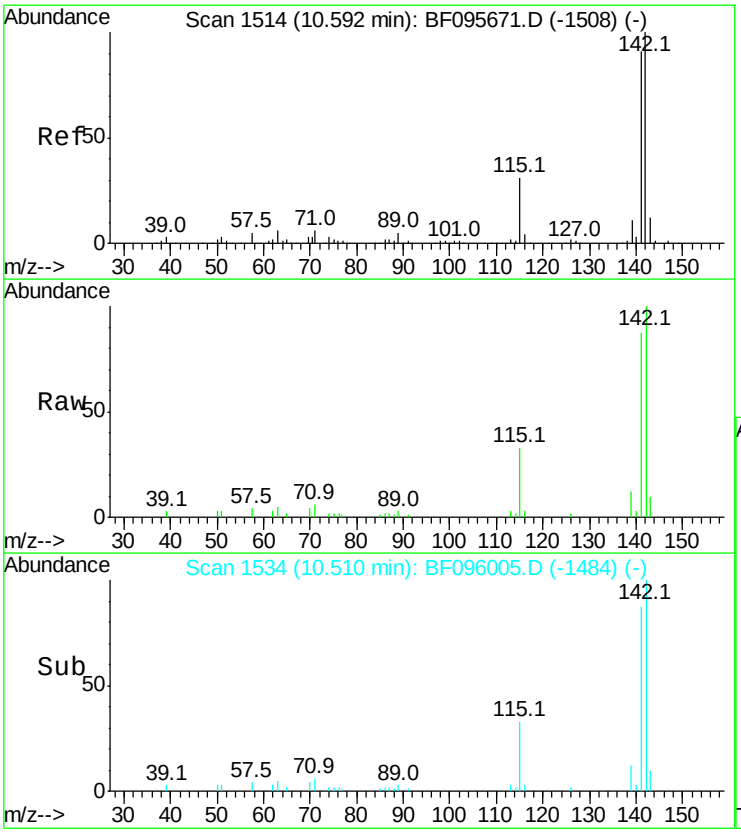
#33
4-Chloroaniline
Concen: 3.42 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.18 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 27048

Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

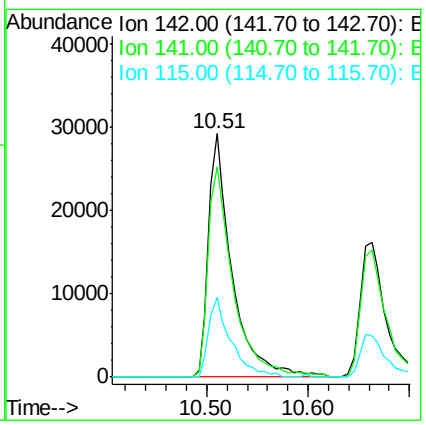


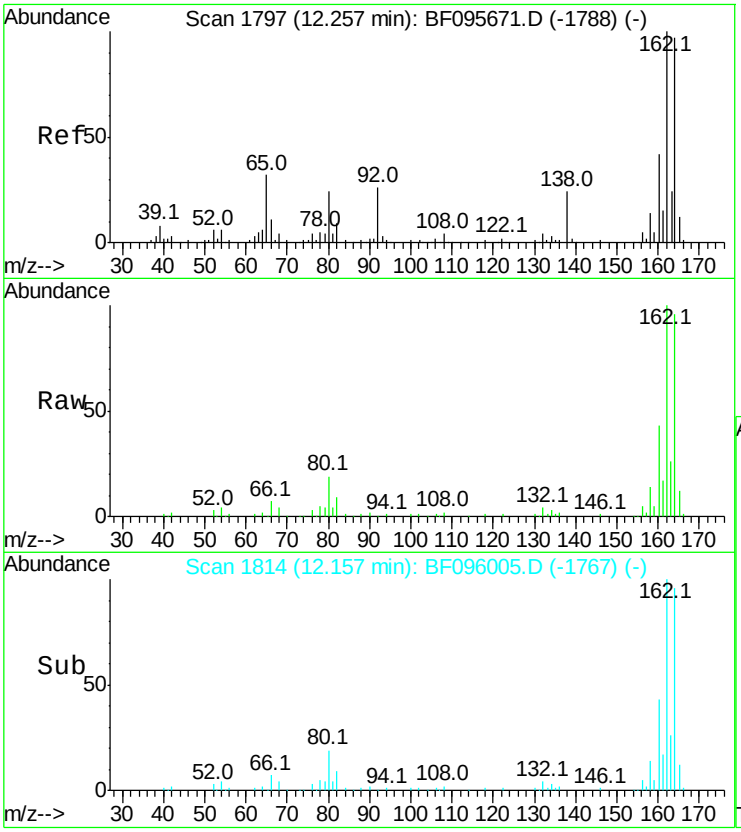


#37
2-Methylnaphthalene
Concen: 3.46 ng
RT: 10.51 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:142 Resp: 47262

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9
115	32.8	27.1	40.7



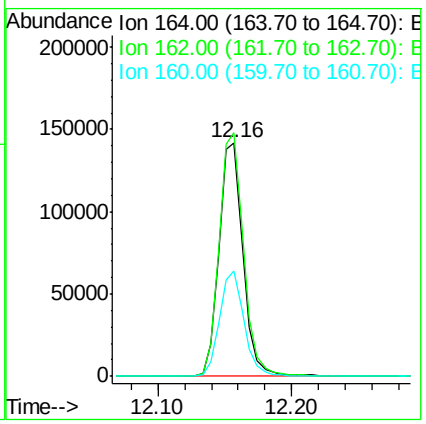


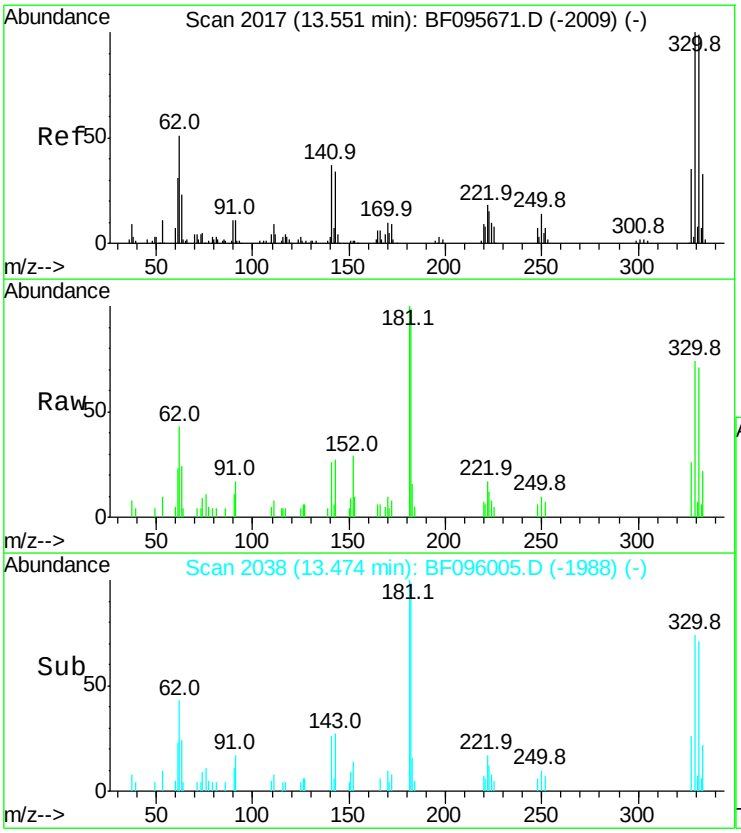
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 180636

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.2	36.2	54.2

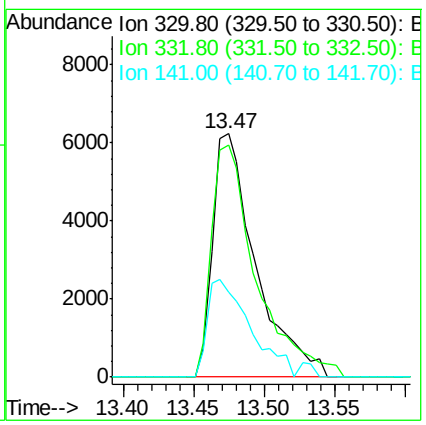


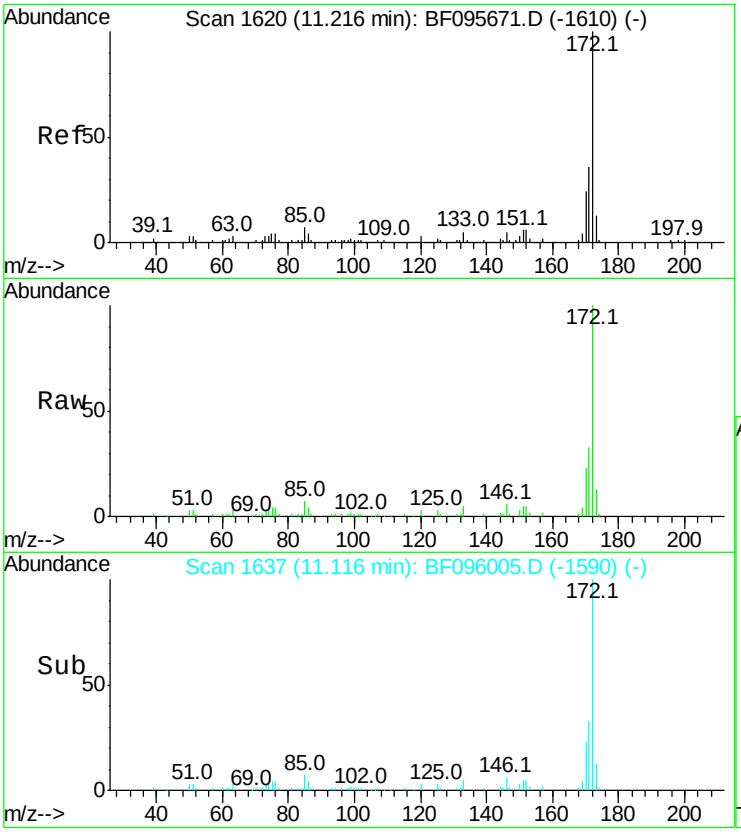


#41
2,4,6-Tribromophenol
Concen: 8.27 ng
RT: 13.47 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:330 Resp: 13221

Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.6	115.0
141	39.7	31.4	47.2



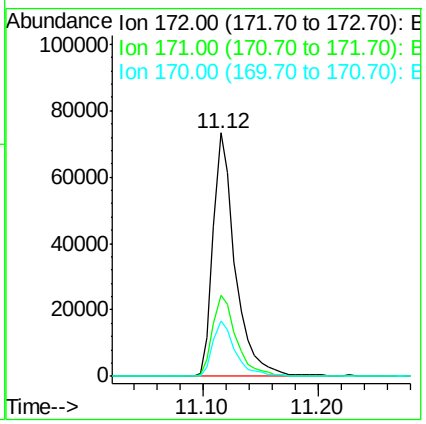


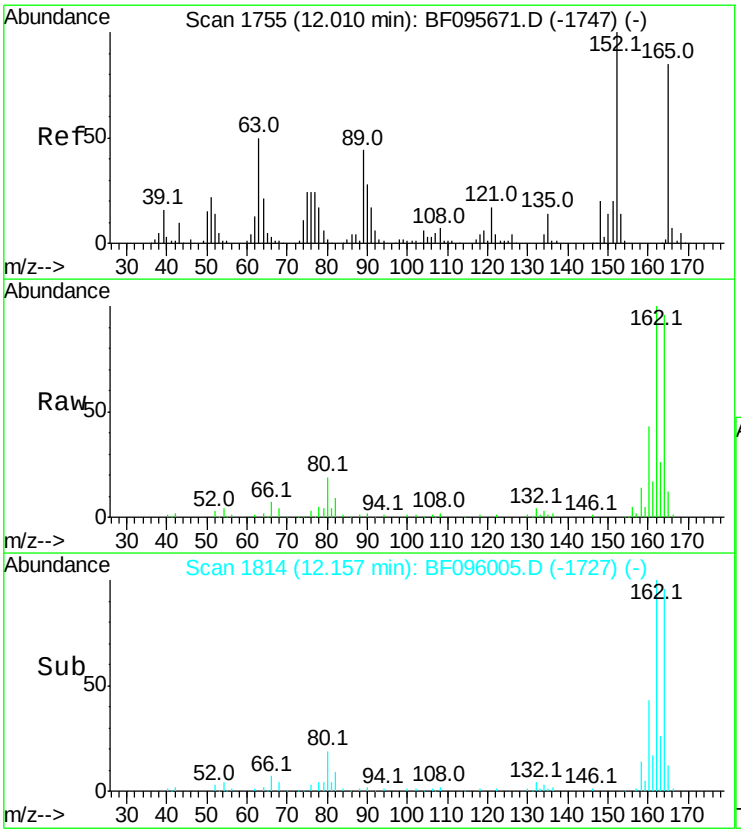
#44
2-Fluorobiphenyl
Concen: 7.53 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 97752

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	22.6	19.8	29.8

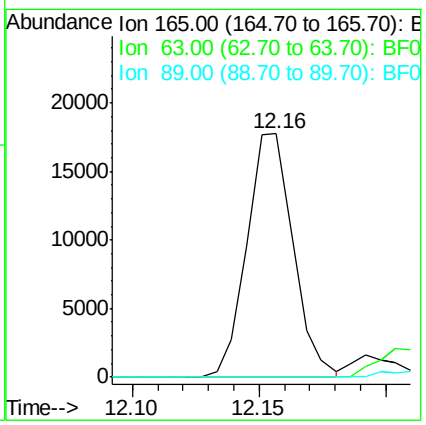


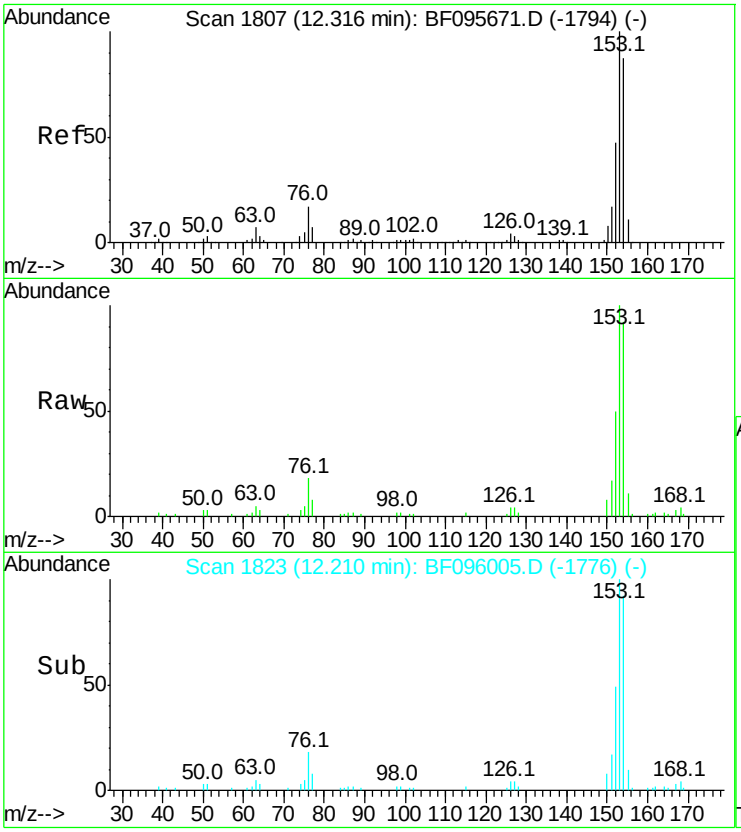


#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 12.16 min Scan# 1814
Delta R.T. 0.21 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:165 Resp: 22503

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



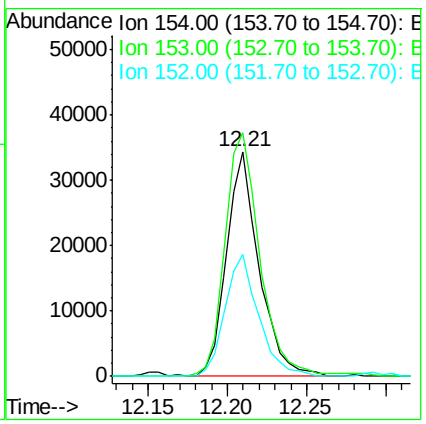


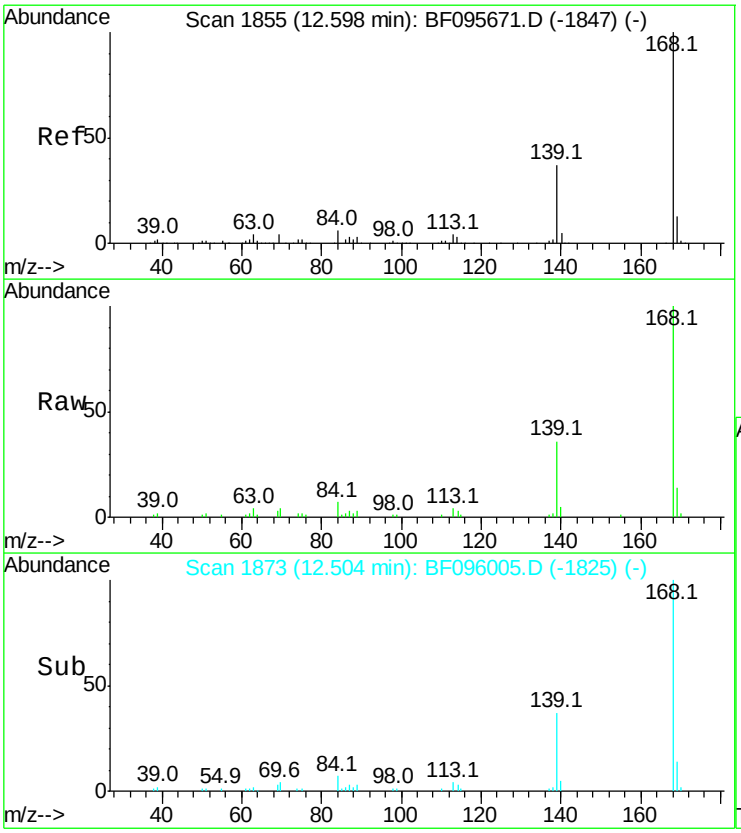
#51
Acenaphthene
Concen: 4.25 ng
RT: 12.21 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 48769

Ion	Ratio	Lower	Upper
154	100		
153	108.3	90.5	135.7
152	54.0	43.6	65.4

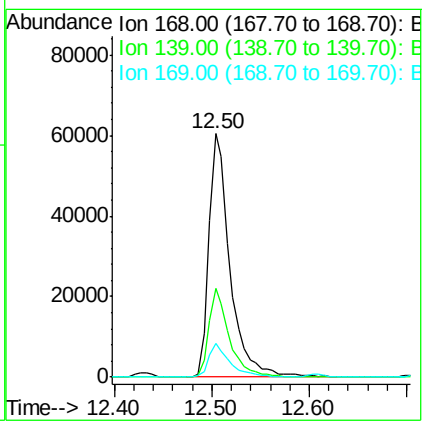


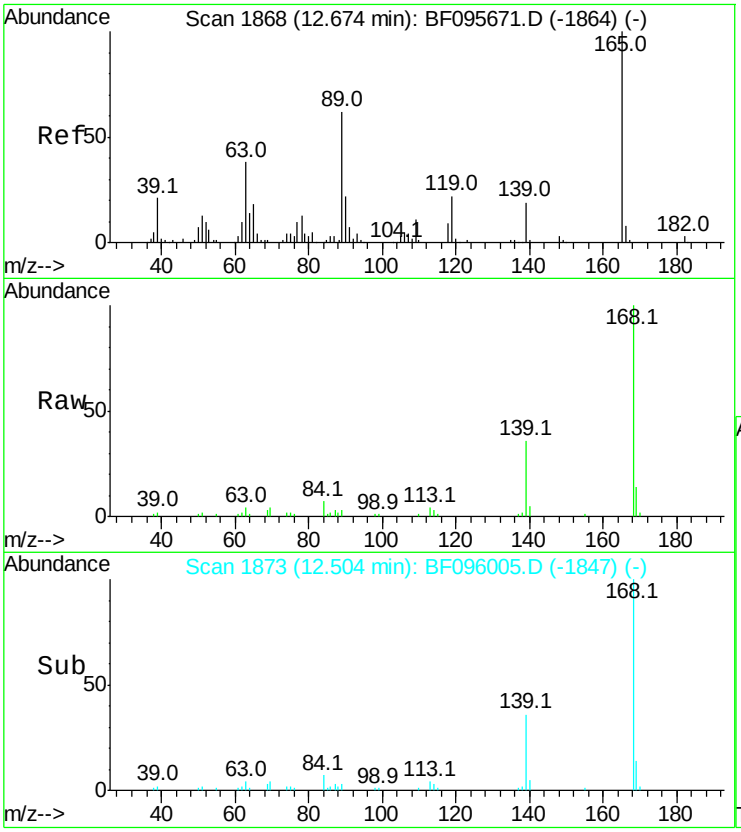


#54
Dibenzofuran
Concen: 5.57 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:168 Resp: 90134

Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	13.6	10.8	16.2



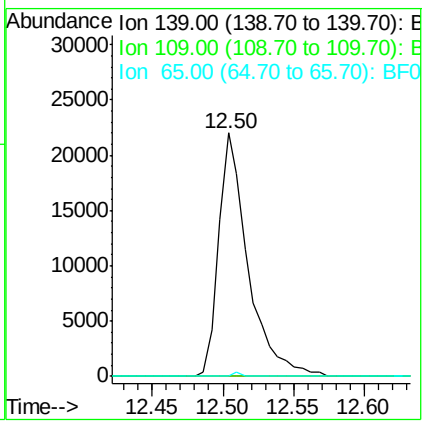


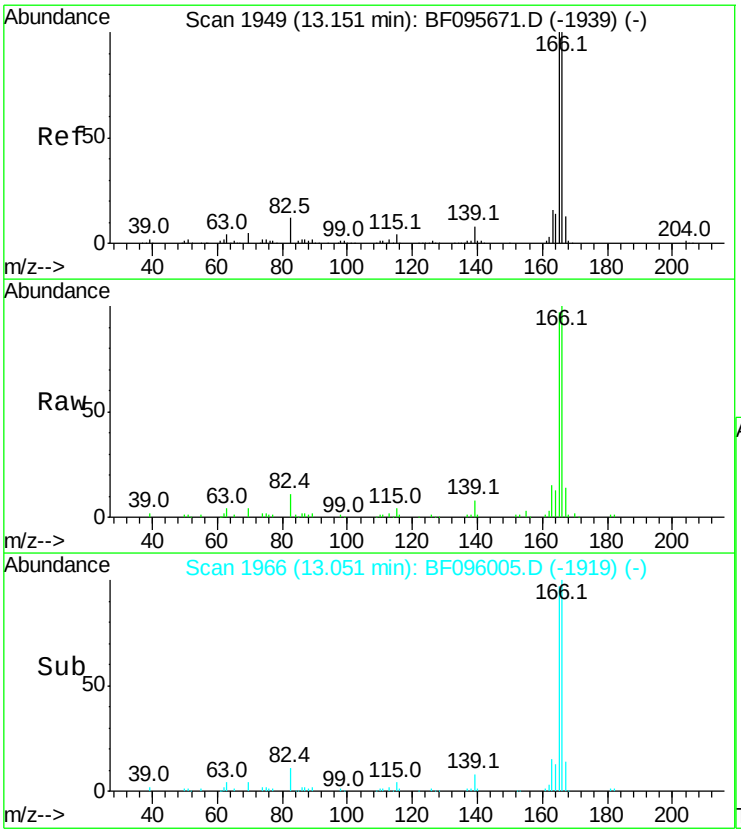
#55
4-Nitrophenol
Concen: 19.35 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.15 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 31811

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

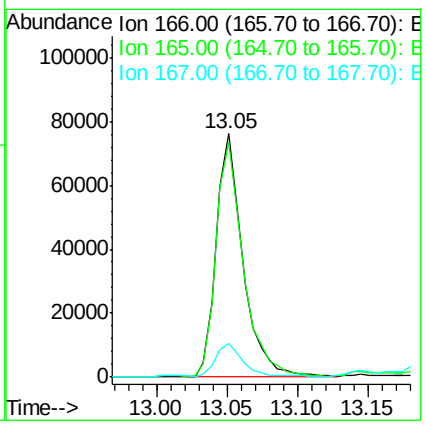


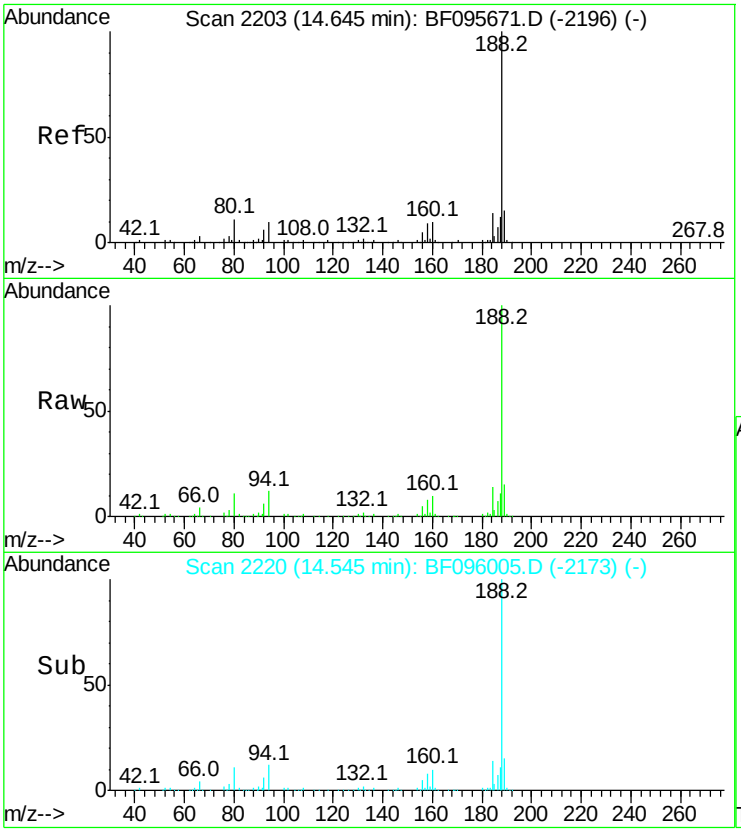


#57
Fluorene
Concen: 7.18 ng
RT: 13.05 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:166 Resp: 101068

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.8	118.2
167	14.1	10.6	16.0



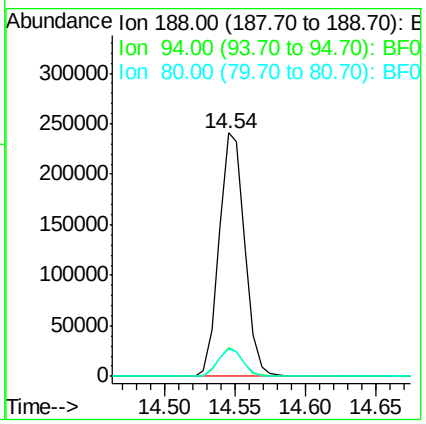


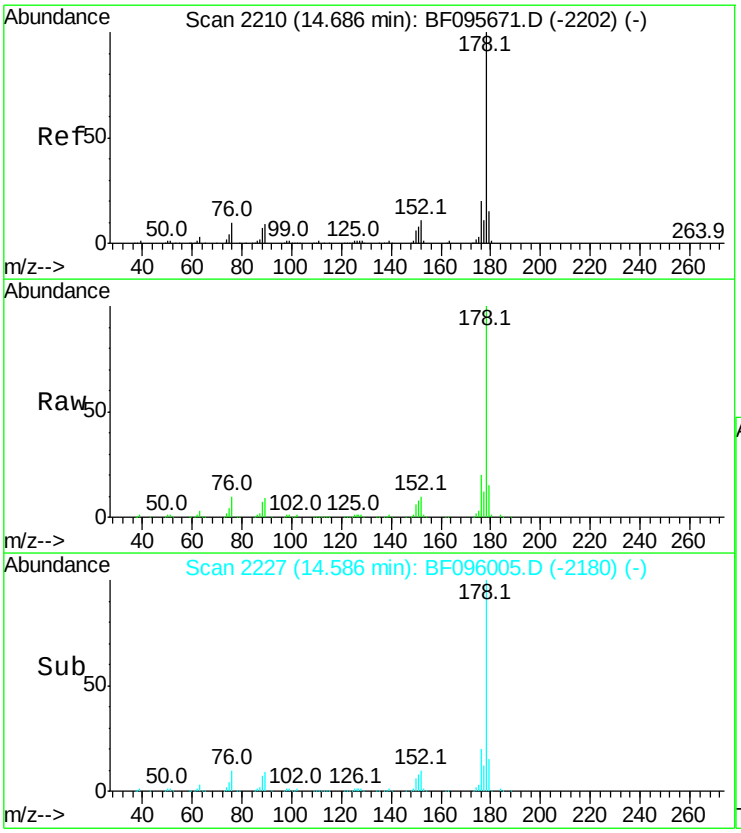
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 301212

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.5	10.2	15.2

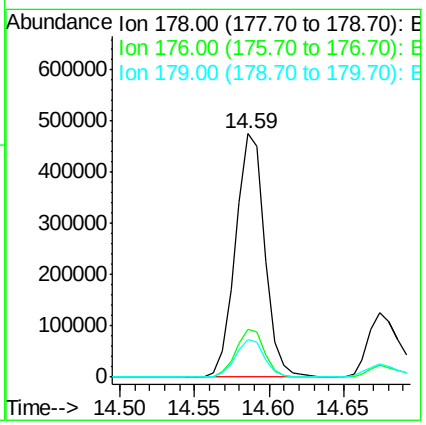


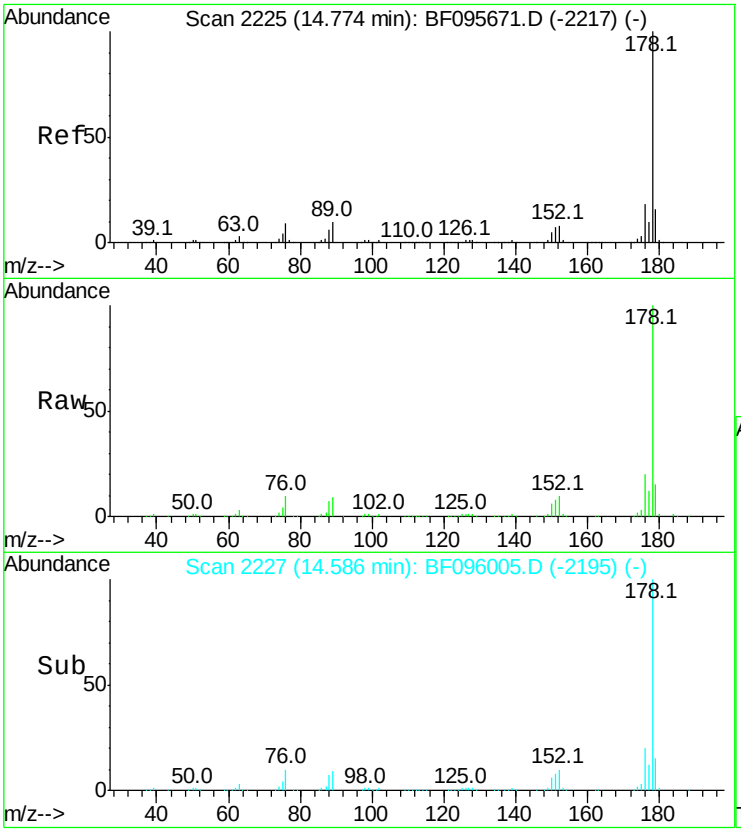


#70
Phenanthrene
Concen: 37.28 ng
RT: 14.59 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:178 Resp: 647830

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.2	12.6	19.0



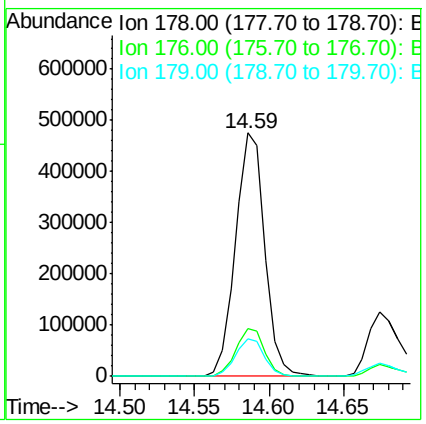


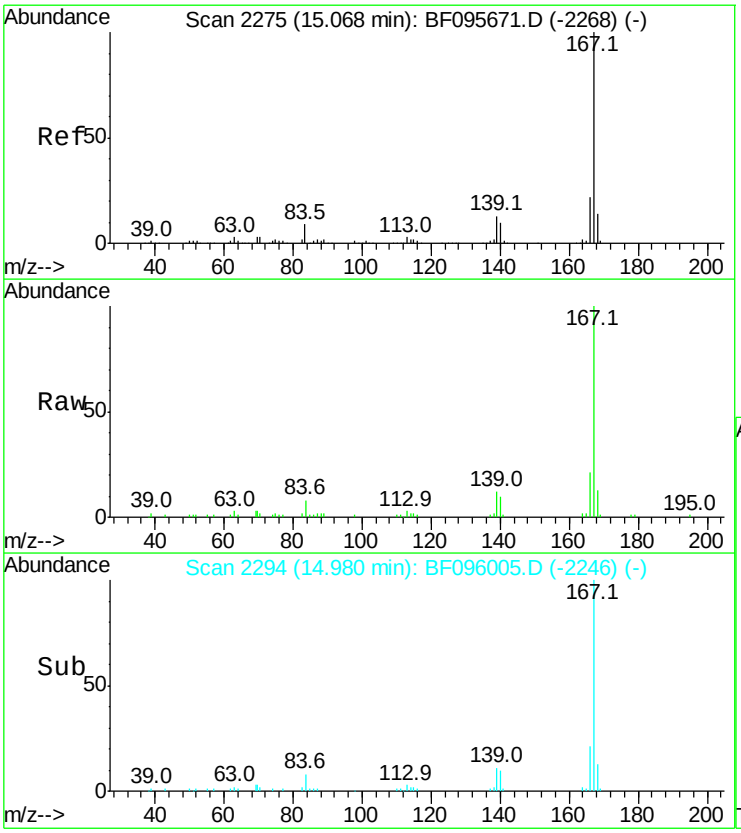
#71
Anthracene
Concen: 35.70 ng
RT: 14.59 min Scan# 2227
Delta R.T. -0.11 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 647830

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	12.7	19.1

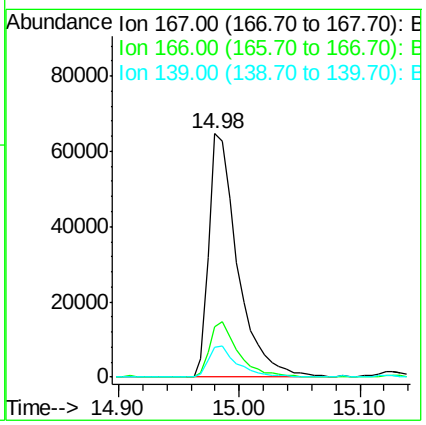


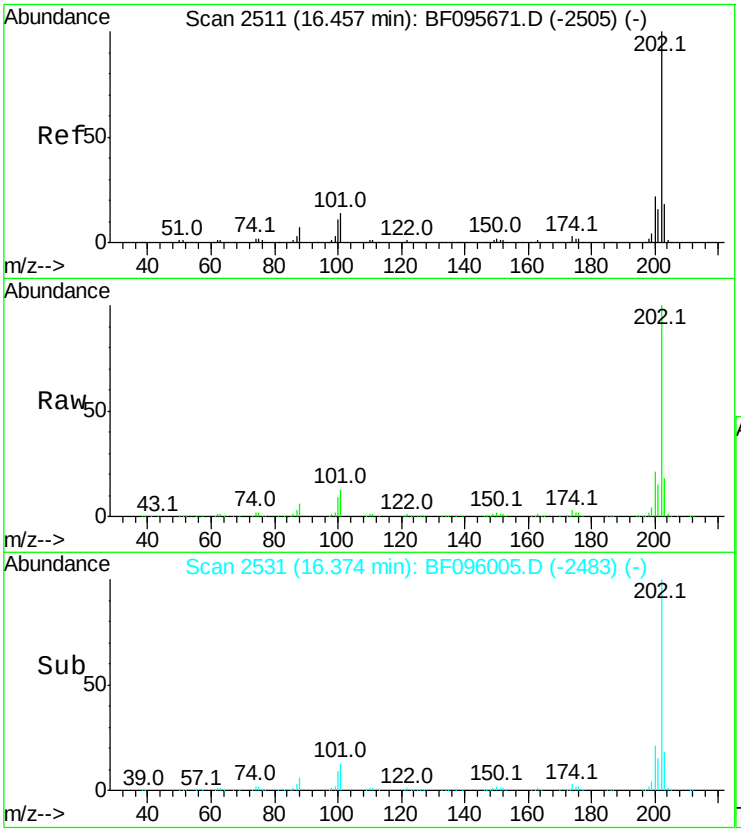


#72
Carbazole
Concen: 6.00 ng
RT: 14.98 min Scan# 2294
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:167 Resp: 106051

Ion	Ratio	Lower	Upper
167	100		
166	20.6	18.1	27.1
139	12.2	11.7	17.5



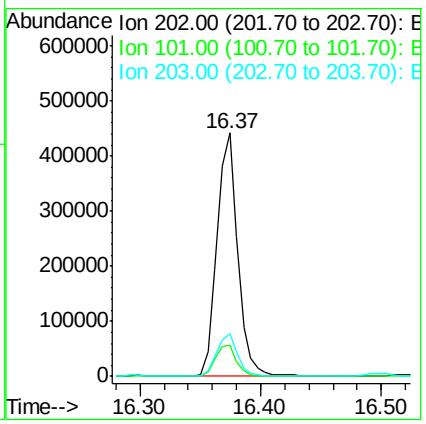


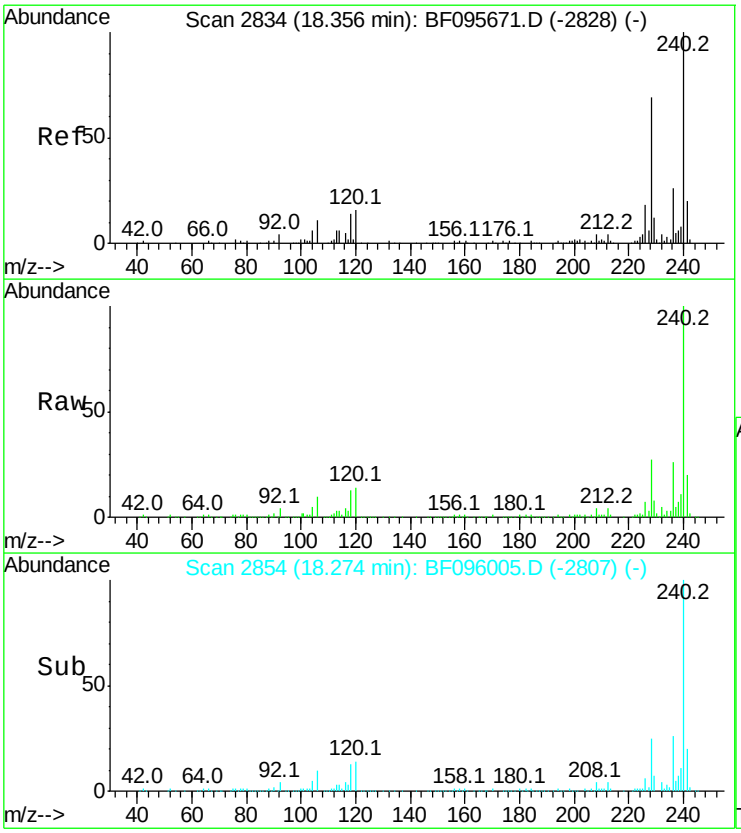
#74
Fluoranthene
Concen: 30.42 ng
RT: 16.37 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 523207

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.7	0.0	38.1

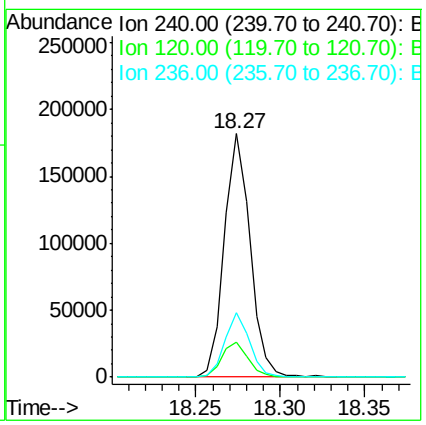


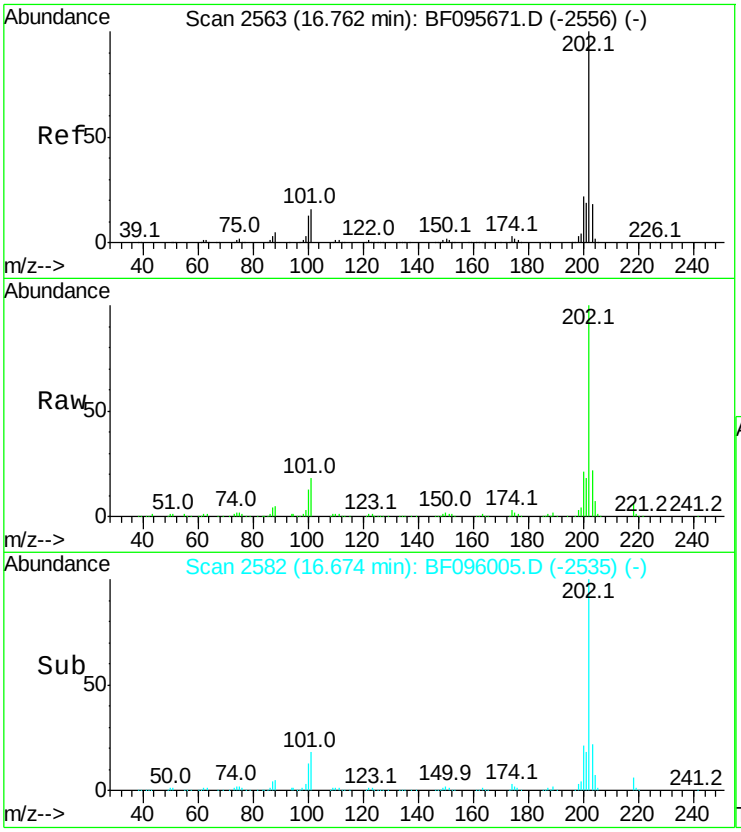


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:240 Resp: 193391

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	26.3	20.5	30.7



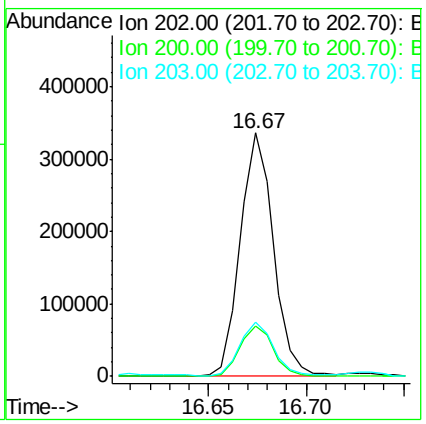


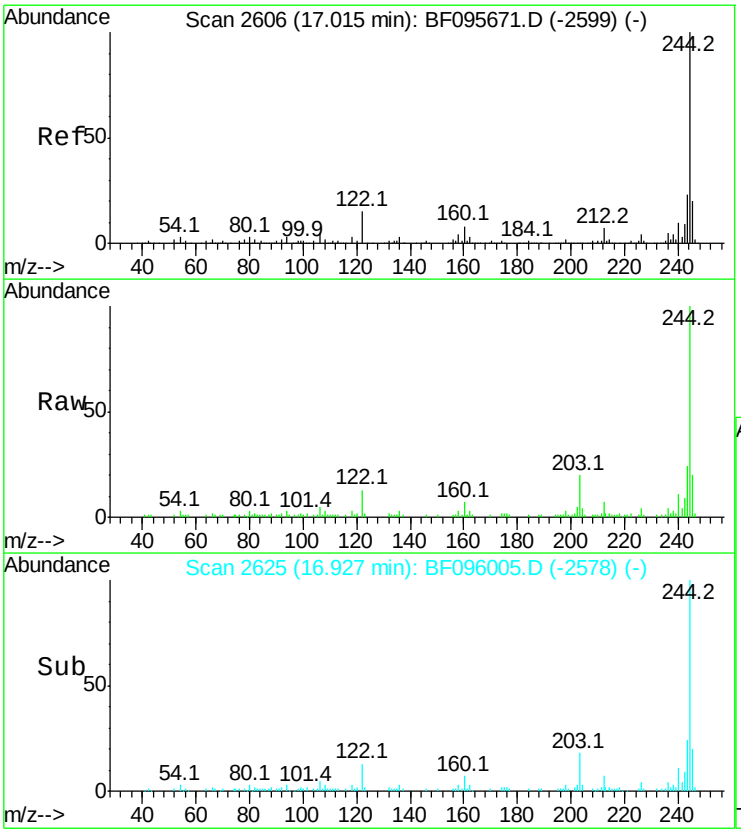
#77
Pyrene
Concen: 27.33 ng
RT: 16.67 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 394430

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	22.1	14.4	21.6#

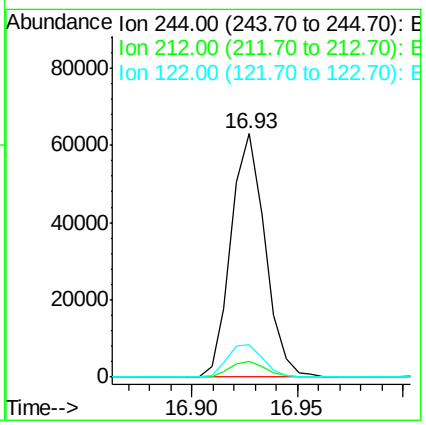


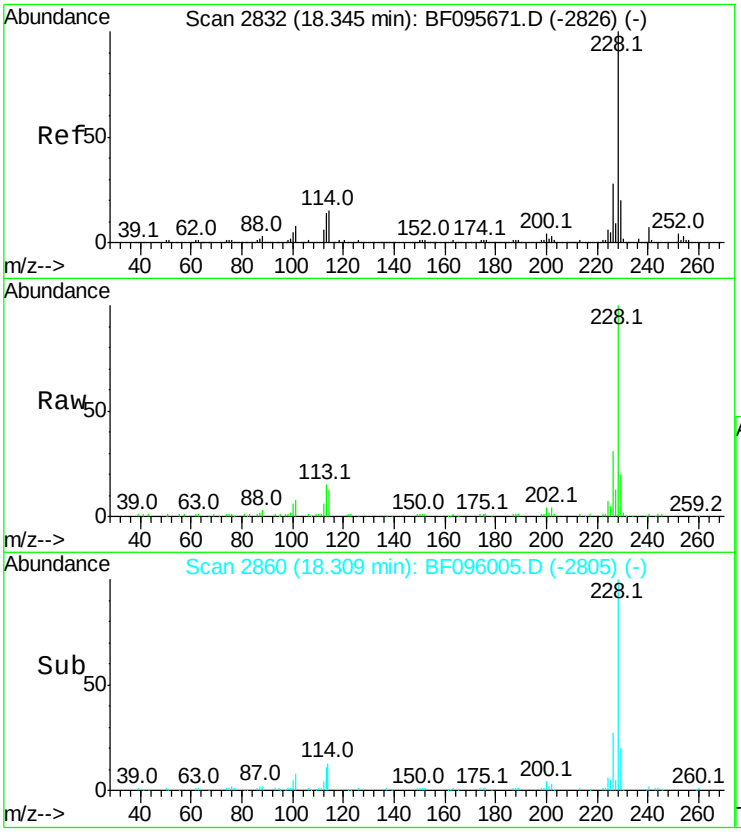


#78
Terphenyl-d14
Concen: 8.99 ng
RT: 16.93 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:244 Resp: 70032

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.4	10.3	15.5



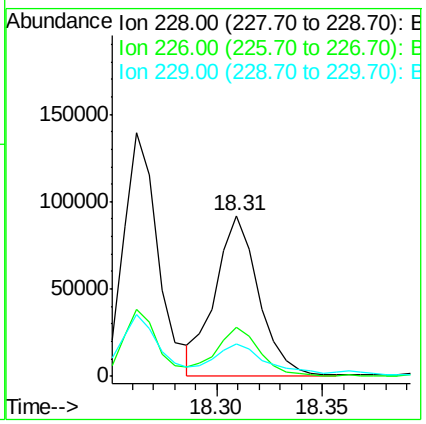


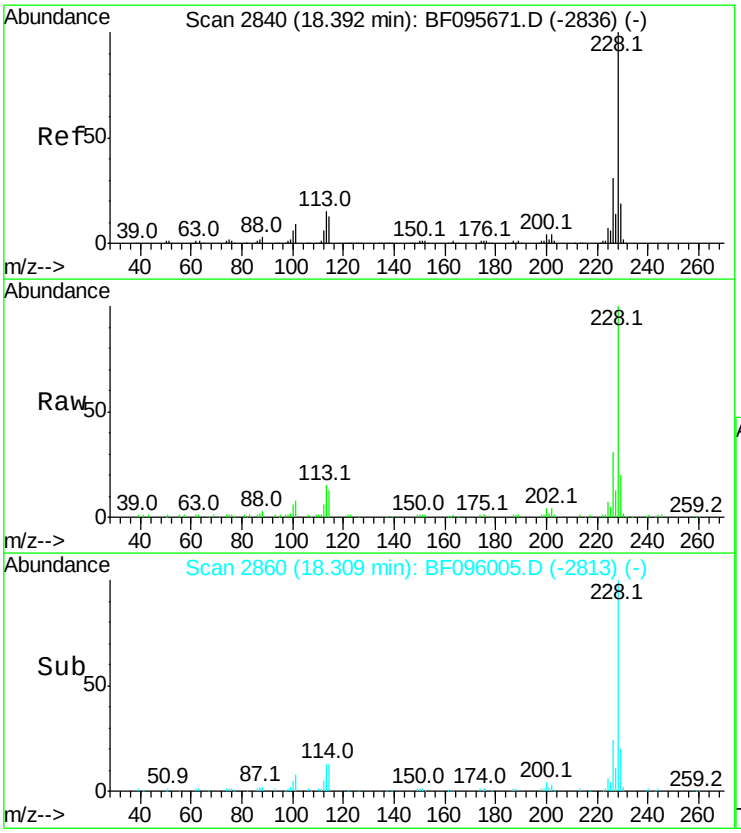
#80
Benzo(a)anthracene
Concen: 11.61 ng
RT: 18.31 min Scan# 2860
Delta R.T. 0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 130489

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.5	16.3	24.5

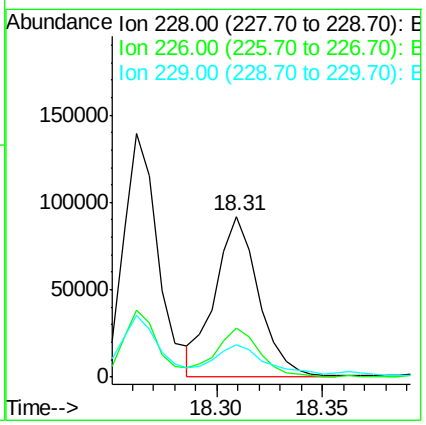


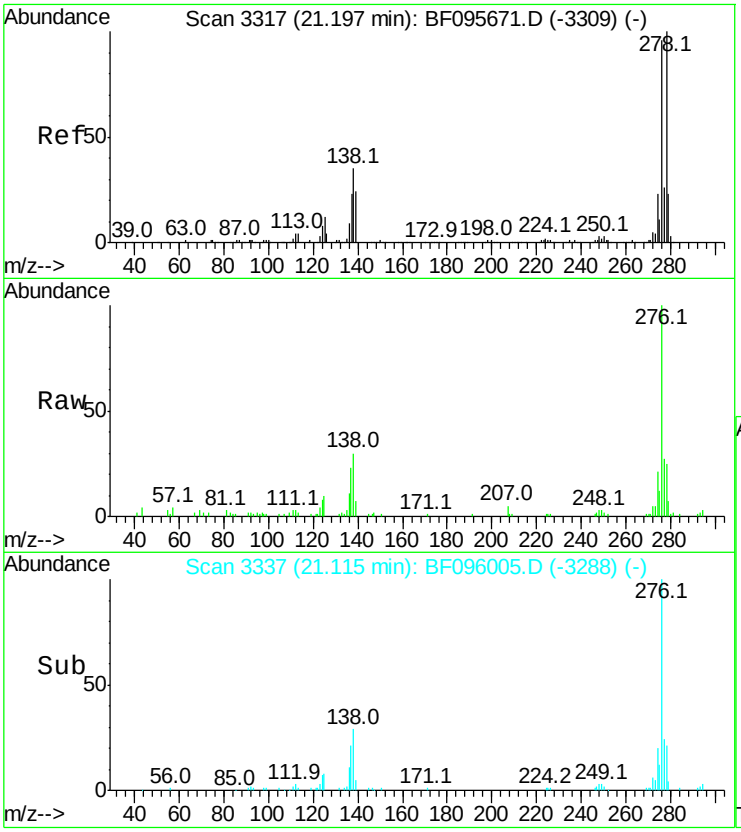


#82
Chrysene
Concen: 11.61 ng
RT: 18.31 min Scan# 2860
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:228 Resp: 130489

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.5	15.8	23.6



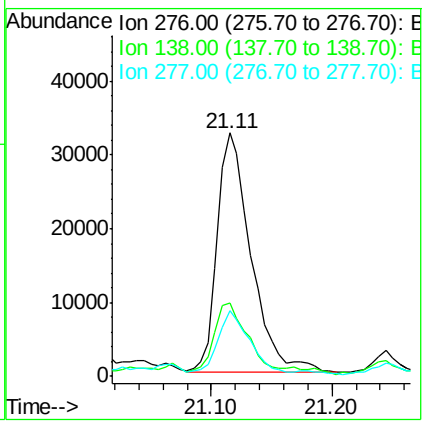


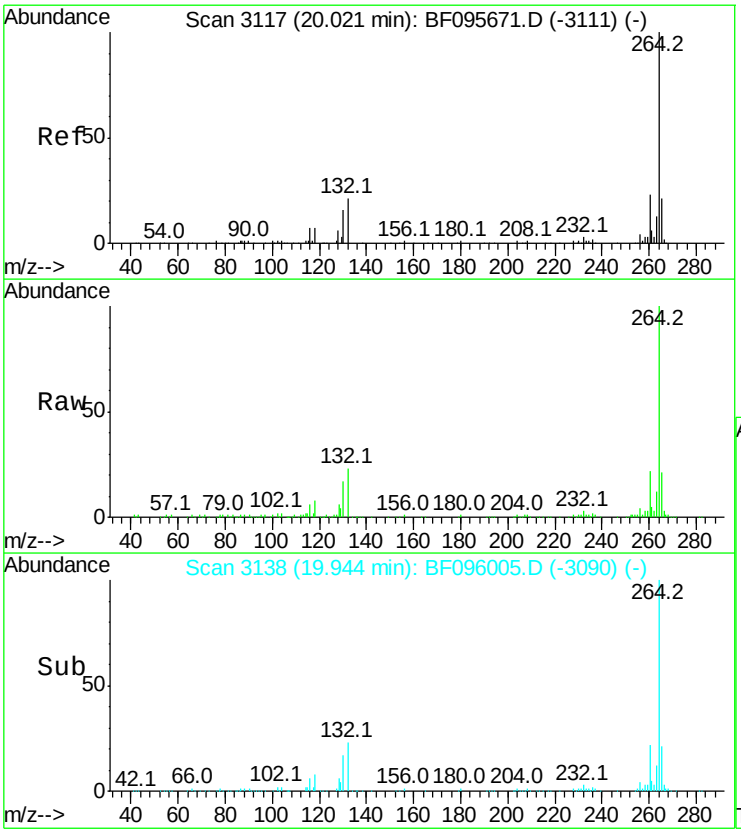
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.54 ng
RT: 21.11 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 62910

Ion	Ratio	Lower	Upper
276	100		
138	32.3	27.8	41.6
277	23.3	20.2	30.4

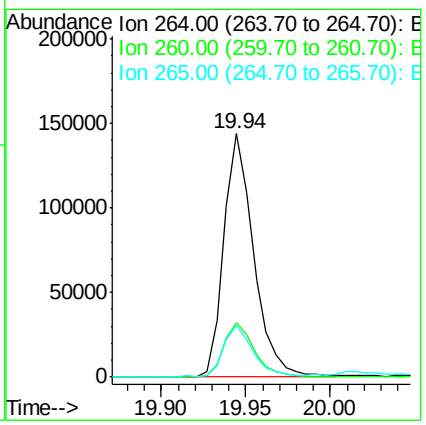


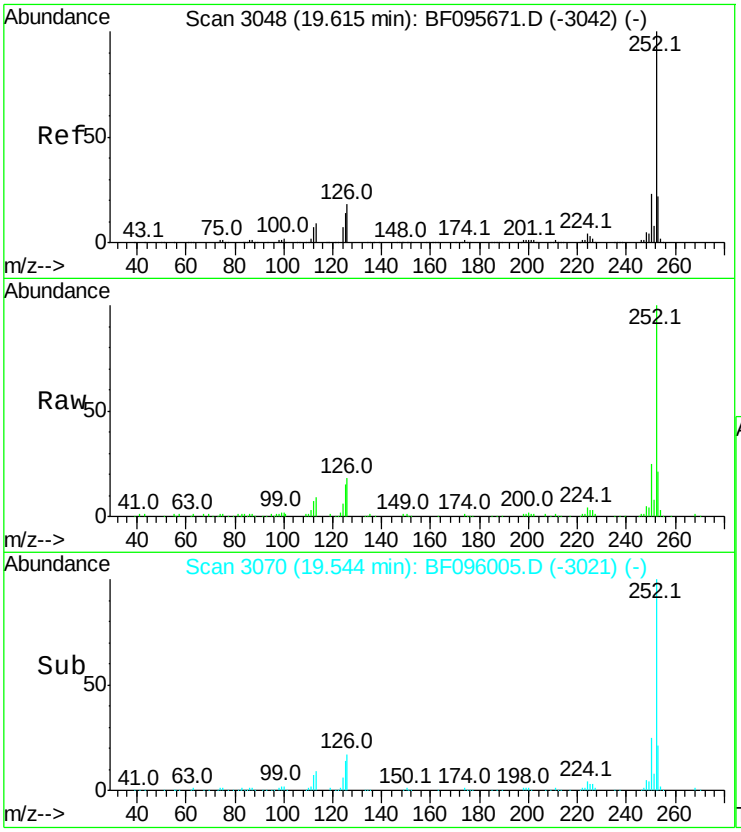


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:264 Resp: 176857

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.0	17.2	25.8



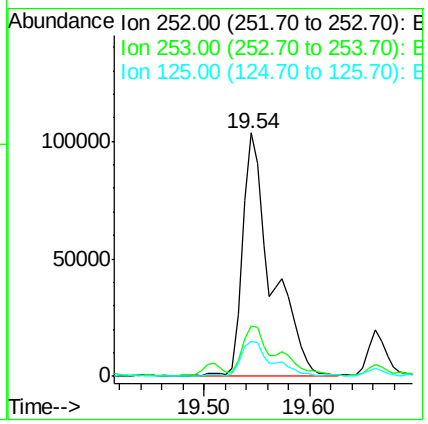


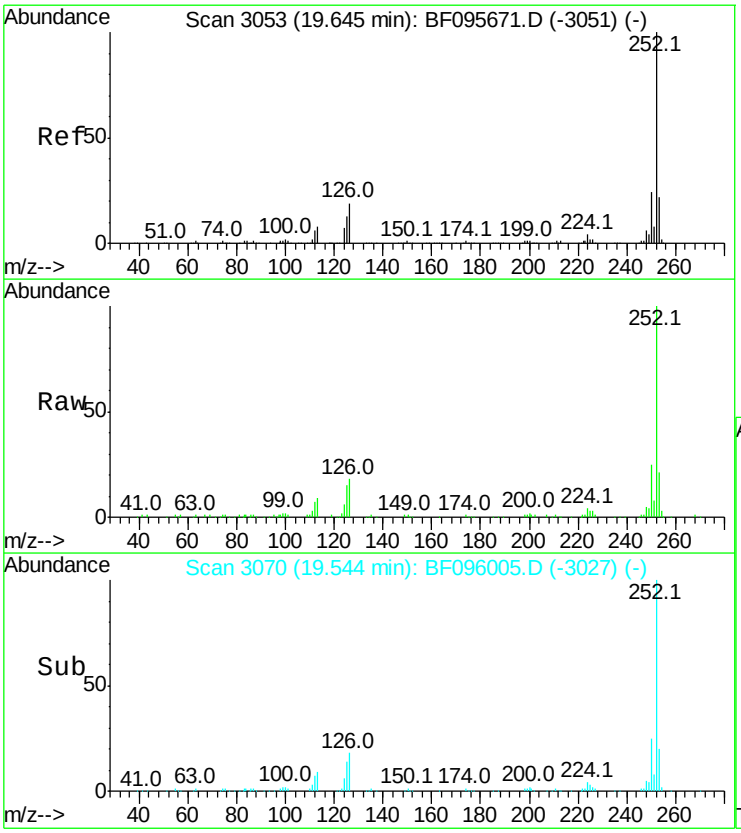
#87
Benzo(b)fluoranthene
Concen: 17.72 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 196258

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	14.6	9.8	14.8

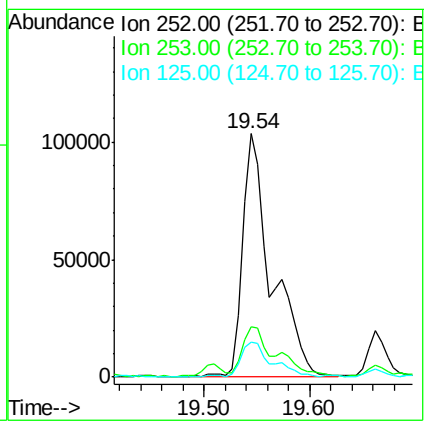


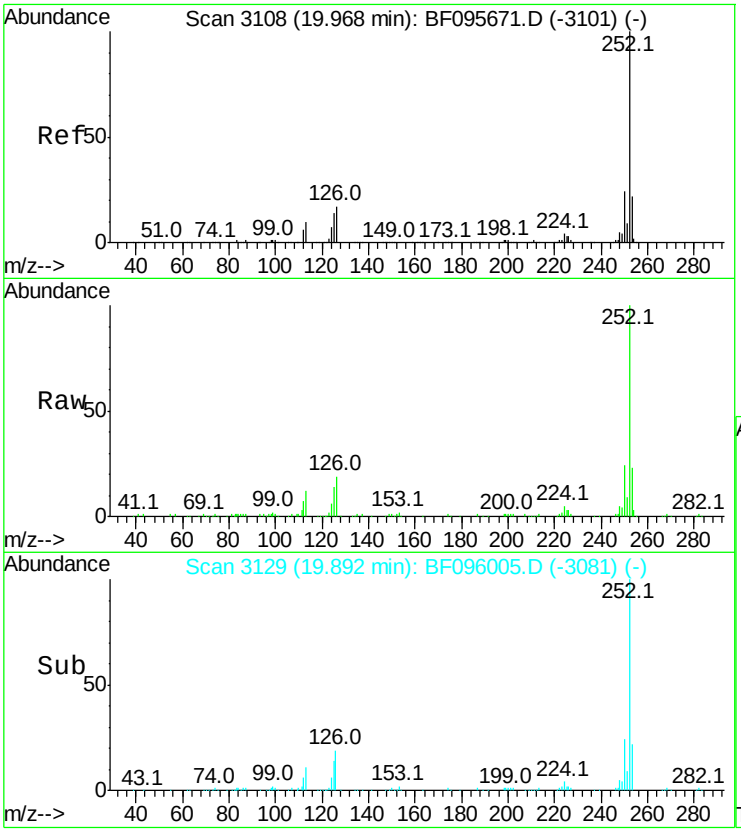


#88
Benzo(k)fluoranthene
Concen: 18.54 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.05 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:252 Resp: 196258

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.4	27.6
125	14.6	13.1	19.7



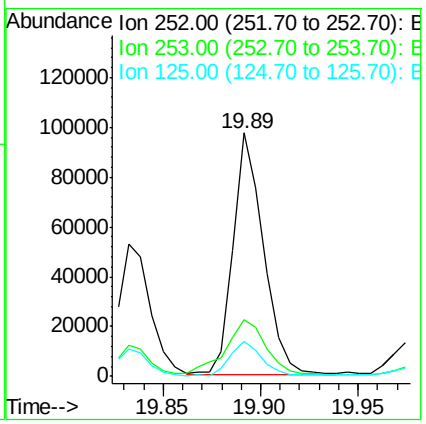


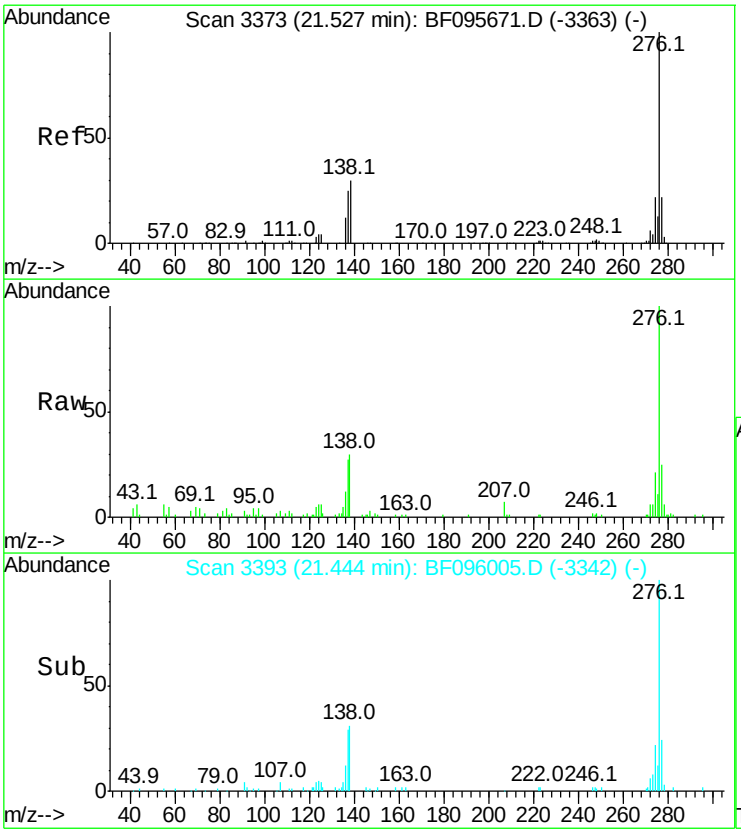
#89
Benzo(a)pyrene
Concen: 10.31 ng
RT: 19.89 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 104941

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: 7.09 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BF096005.D
Acq: 19 Jun 2017 14:35

Tgt Ion:276 Resp: 62450

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	30.0	25.4	38.0