Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096027.D
Acq On : 20 Jun 2017 4:40
Operator : SJ/MA
Sample : I3688-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 20 07:17:00 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	68142	20.00	ng		-0.02
21) Naphthalene-d8	9.34	136	271451	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	105010	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	150306	20.00	ng		-0.02
75) Chrysene-d12	18.28	240	131593	20.00	ng		-0.02
86) Perylene-d12	19.96	264	89814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	556168	130.06	ng		-0.02
7) Phenol-d6	6.89	99	663201	129.54	ng		-0.02
23) Nitrobenzene-d5	8.23	82	373086	85.36	ng		-0.02
41) 2,4,6-Tribromophenol	13.46	330	89741	96.59	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	678049	89.85	ng		-0.02
78) Terphenyl-d14	16.94	244	423694	79.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	25550	12.56	ng	#	21
19) n-Nitroso-di-n-propylamine	8.23	70	47872	14.76	ng	#	77
31) Naphthalene	9.37	128	90516	6.64	ng		99
32) Benzoic acid	9.30	122	115	5.16	ng	#	1
33) 4-Chloroaniline	9.37	127	12426	2.33	ng	#	30
37) 2-Methylnaphthalene	10.50	142	59584	6.47	ng		97
48) Acenaphthylene	11.93	152	28365	2.45	ng		99
49) Dimethylphthalate	11.82	163	109014	13.67	ng		99
54) Dibenzofuran	12.50	168	40161	4.27	ng		99
55) 4-Nitrophenol	12.70	139	556	5.07	ng	#	24
70) Phenanthrene	14.59	178	117462	13.54	ng		97
71) Anthracene	14.68	178	53881	5.95	ng		95
74) Fluoranthene	16.37	202	166458	19.39	ng		97
77) Pyrene	16.68	202	140758	14.34	ng		96
80) Benzo(a)anthracene	18.32	228	99954	13.06	ng		98
82) Chrysene	18.32	228	99954	13.07	ng		97
85) Indeno(1,2,3-cd)pyrene	21.13	276	41399	6.33	ng		95
87) Benzo(b)fluoranthene	19.56	252	153598	27.31	ng	#	94
88) Benzo(k)fluoranthene	19.56	252	153598	28.57	ng		97
89) Benzo(a)pyrene	19.91	252	49965	9.67	ng	#	91
90) Dibenzo(a,h)anthracene	21.13	278	15331	3.50	ng	#	65
91) Benzo(g,h,i)perylene	21.46	276	36619	8.19	ng	#	94

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

Quantitation Report (Not Reviewed)

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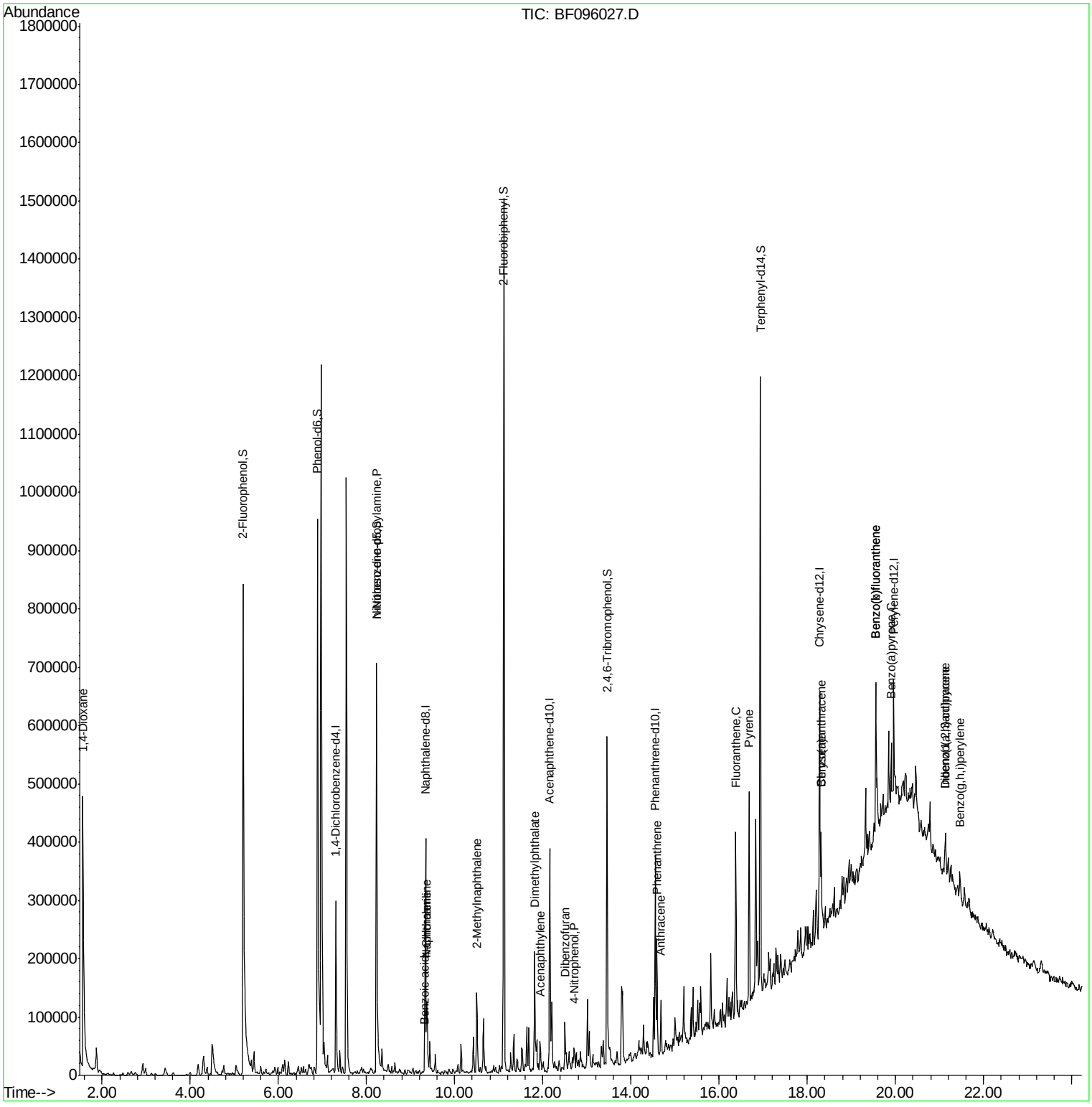
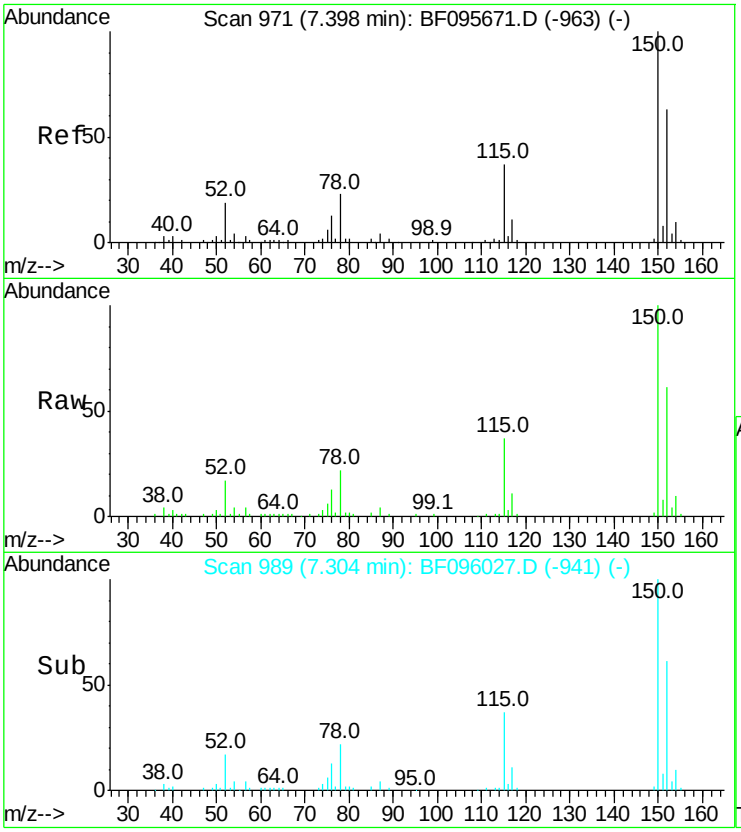


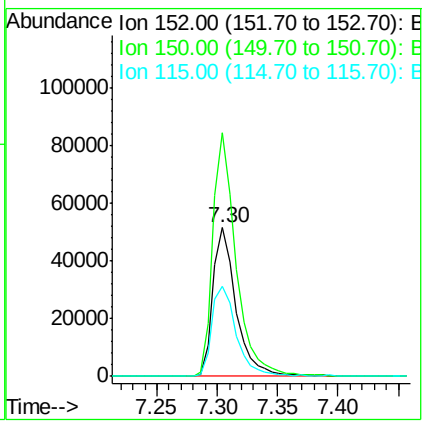


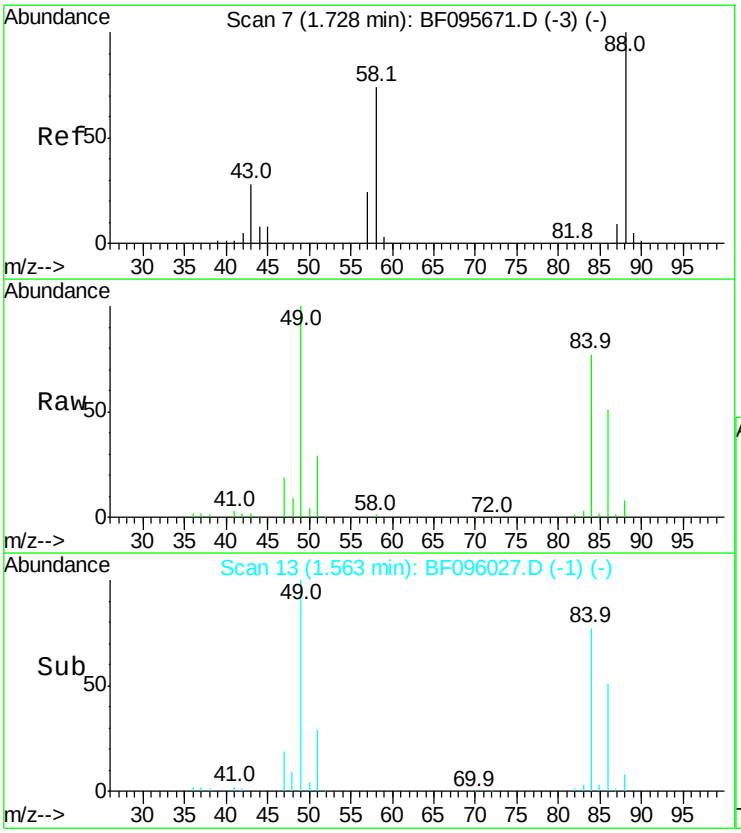
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68142

Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.2	189.2
115	60.8	52.2	78.2

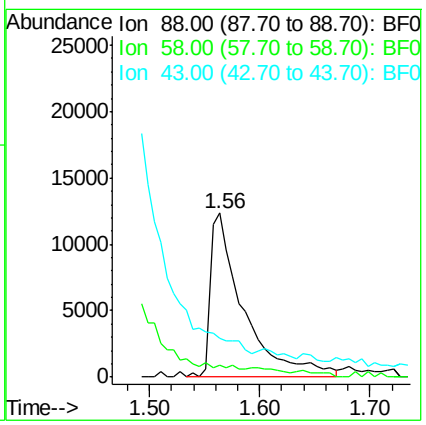


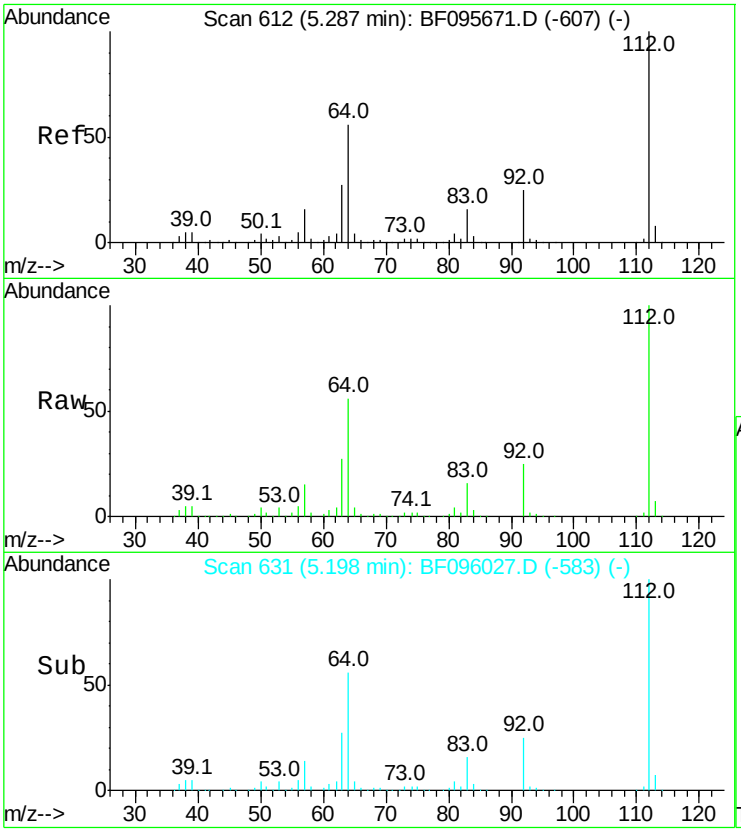


#2
1,4-Dioxane
Concen: 12.56 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion: 88 Resp: 25550

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



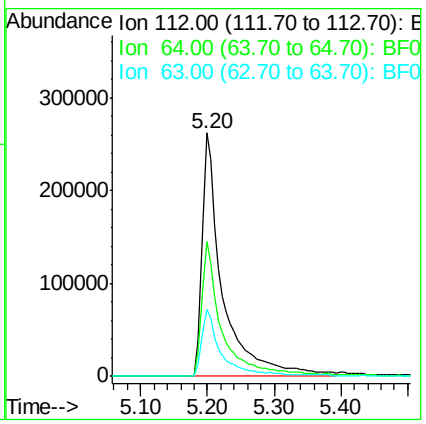


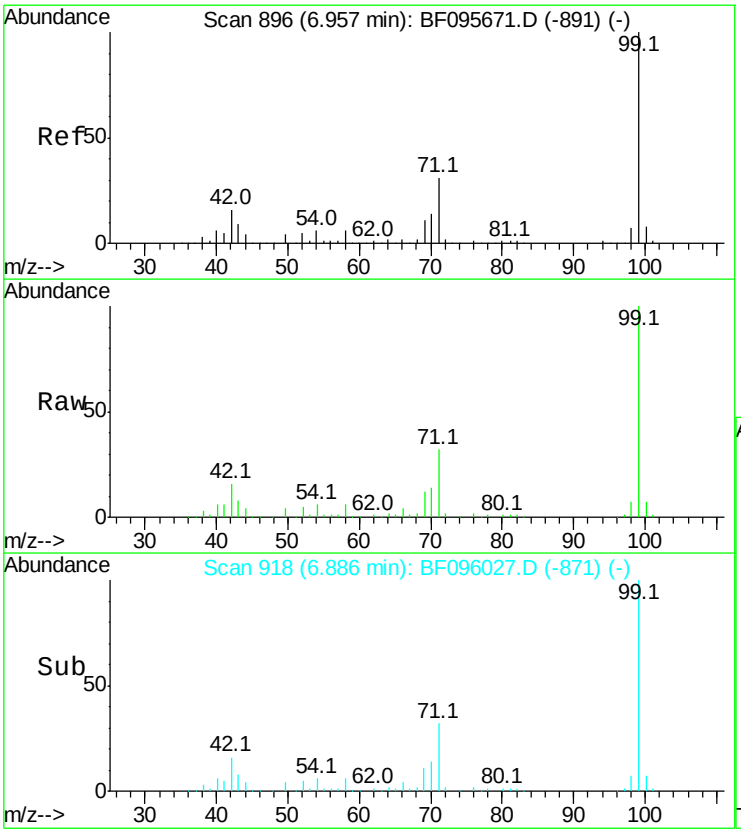
#5
2-Fluorophenol
Concen: 130.06 ng
RT: 5.20 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 556168

Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	27.3	23.4	35.0

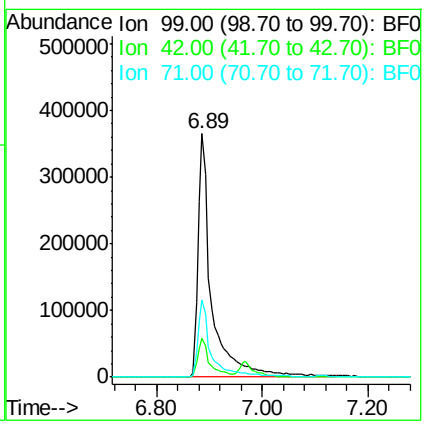


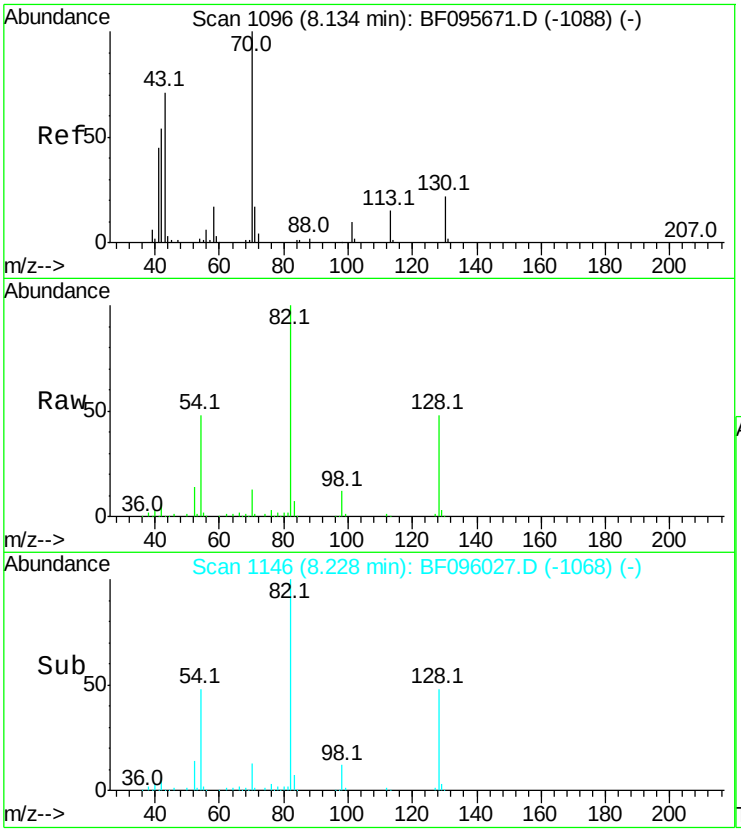


#7
Phenol-d6
Concen: 129.54 ng
RT: 6.89 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion: 99 Resp: 663201

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.7	24.5	36.7



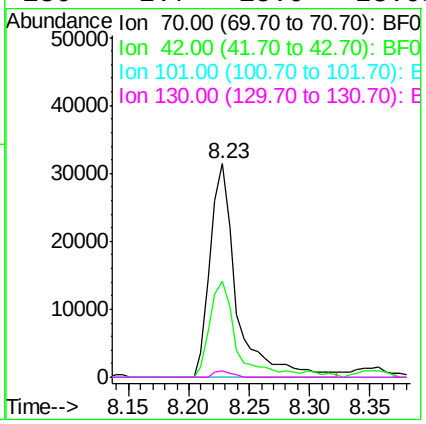


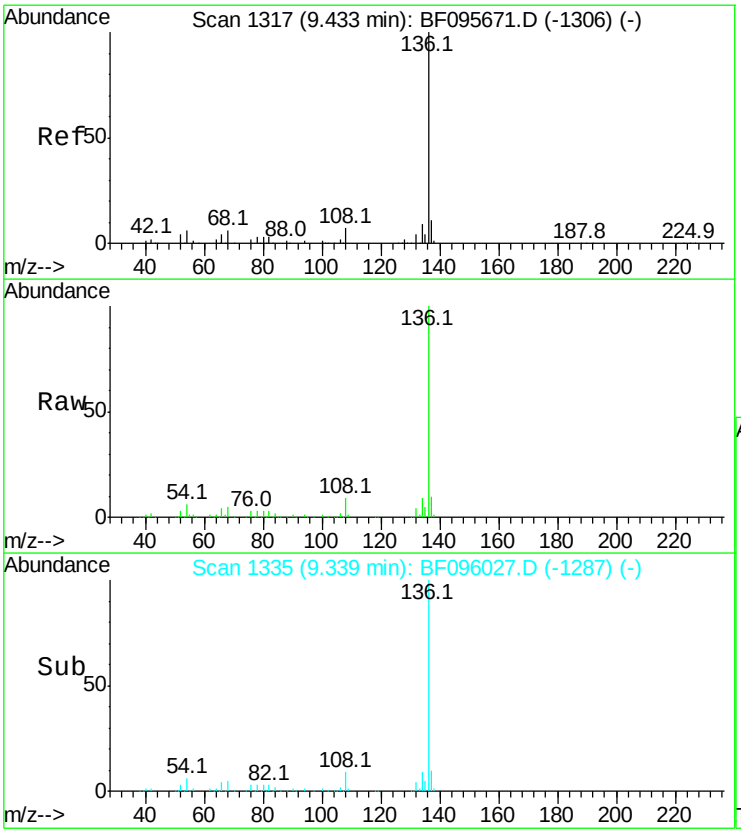
#19
n-Nitroso-di-n-propylamine
Concen: 14.76 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.16 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47872

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

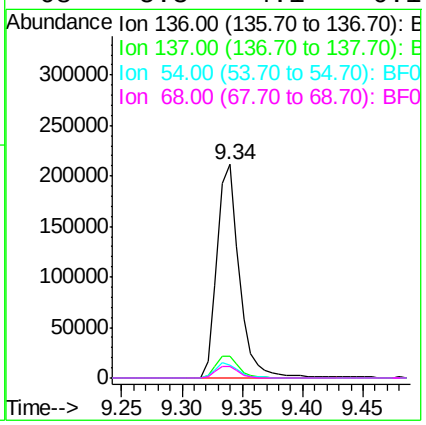


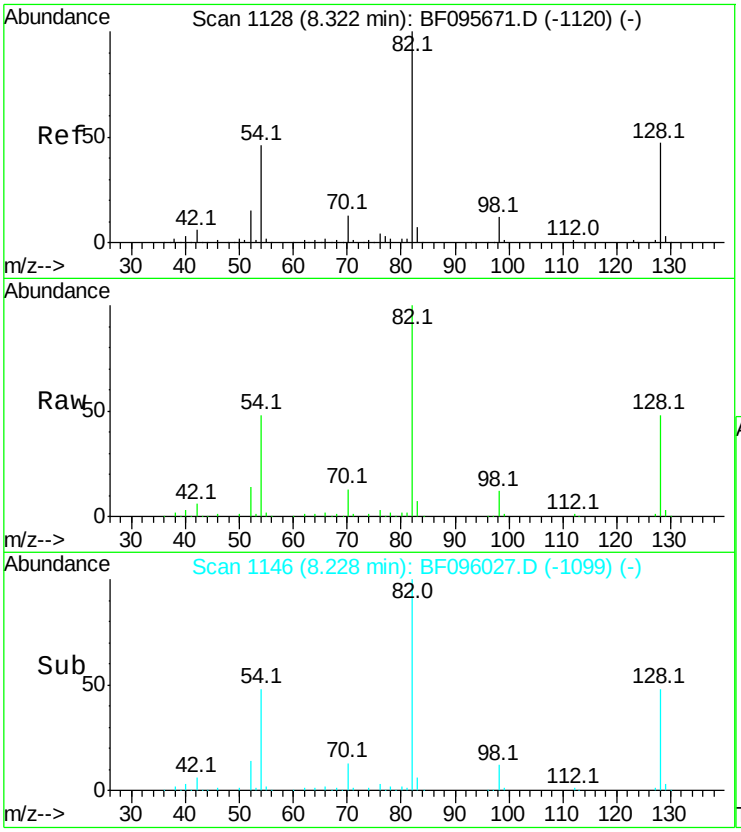


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:136 Resp: 271451

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.3	4.9	7.3
68	5.3	4.1	6.1

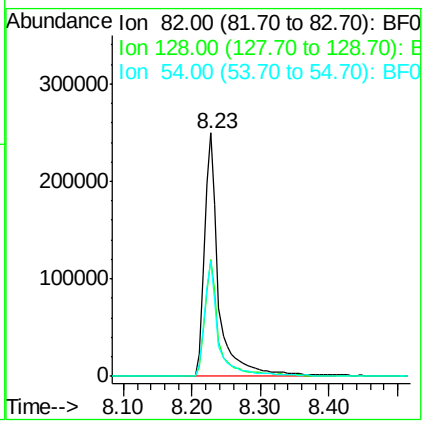




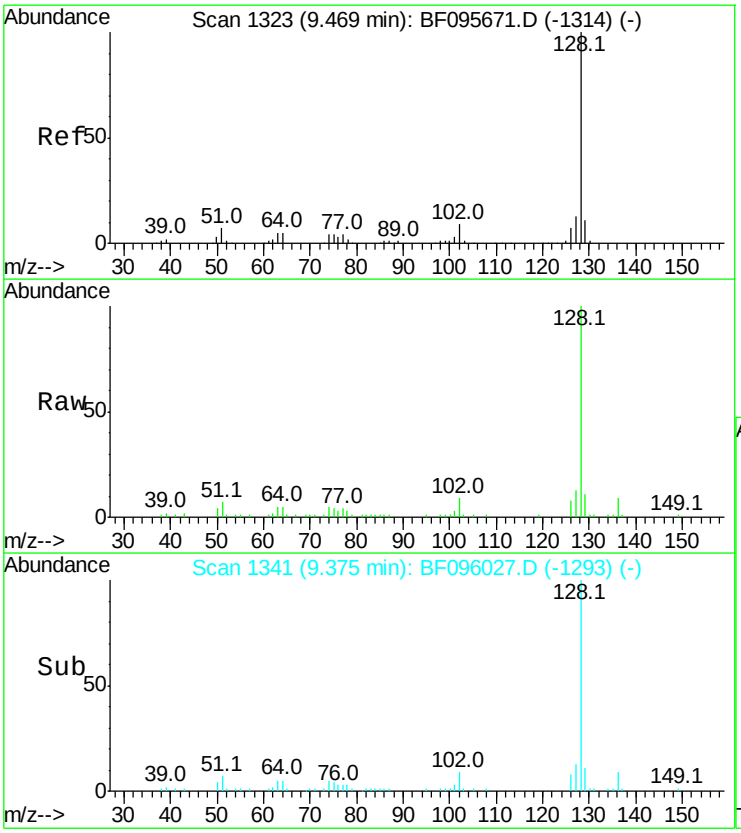
#23
Nitrobenzene-d5
Concen: 85.36 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion: 82 Resp: 373086

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	47.5	42.2	63.2



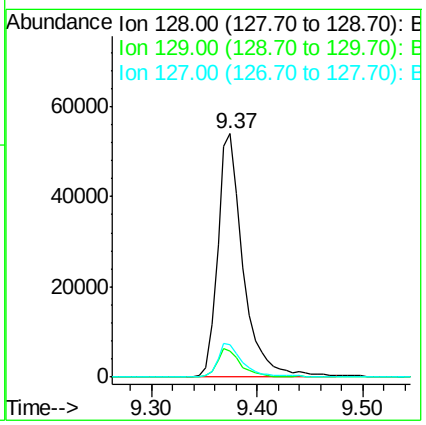
Instrument :
BNA_F
ClientSampleId :

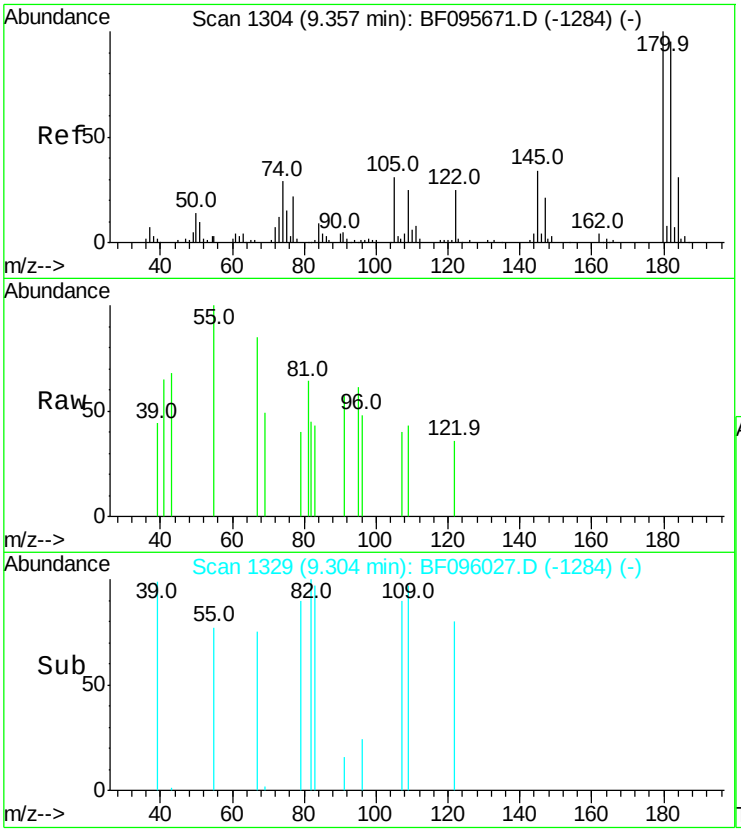


#31
Naphthalene
Concen: 6.64 ng
RT: 9.37 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:128 Resp: 90516

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.5	10.8	16.2



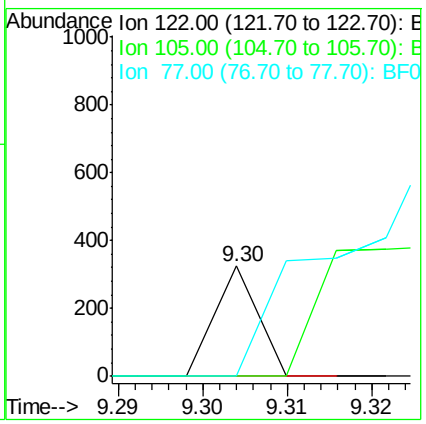


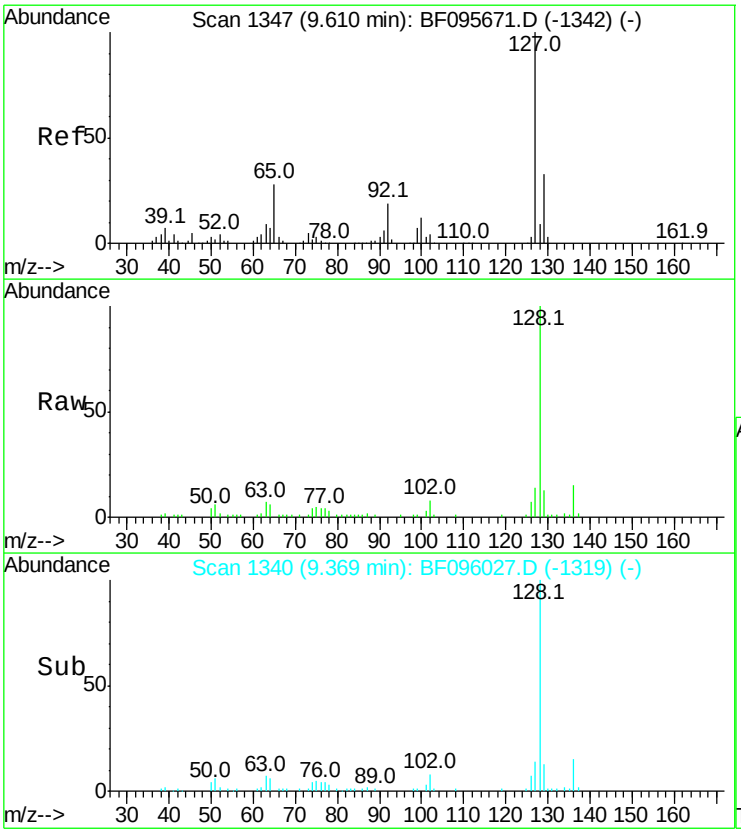
#32
Benzoic acid
Concen: 5.16 ng
RT: 9.30 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 115

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

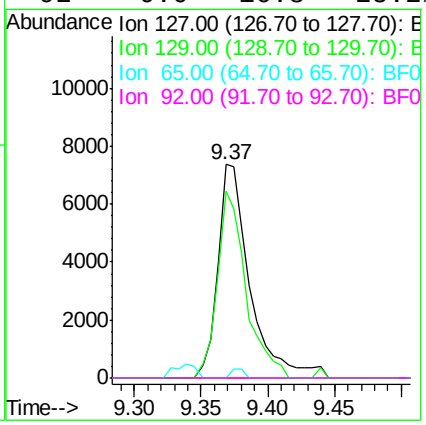


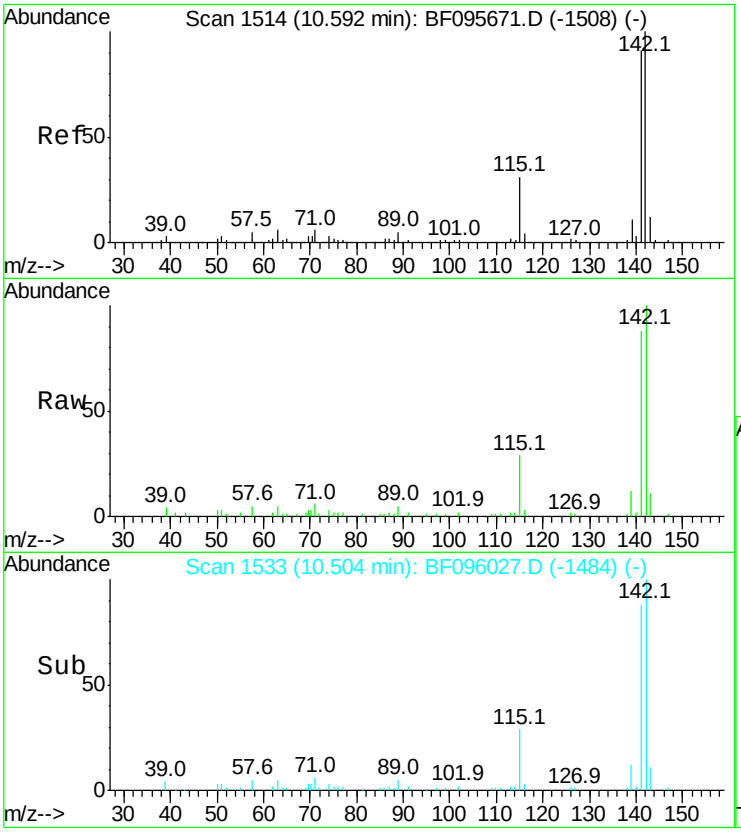


#33
4-Chloroaniline
Concen: 2.33 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.18 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:127 Resp: 12426

Ion	Ratio	Lower	Upper
127	100		
129	87.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



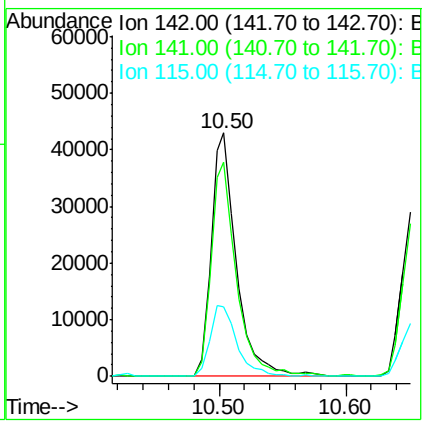


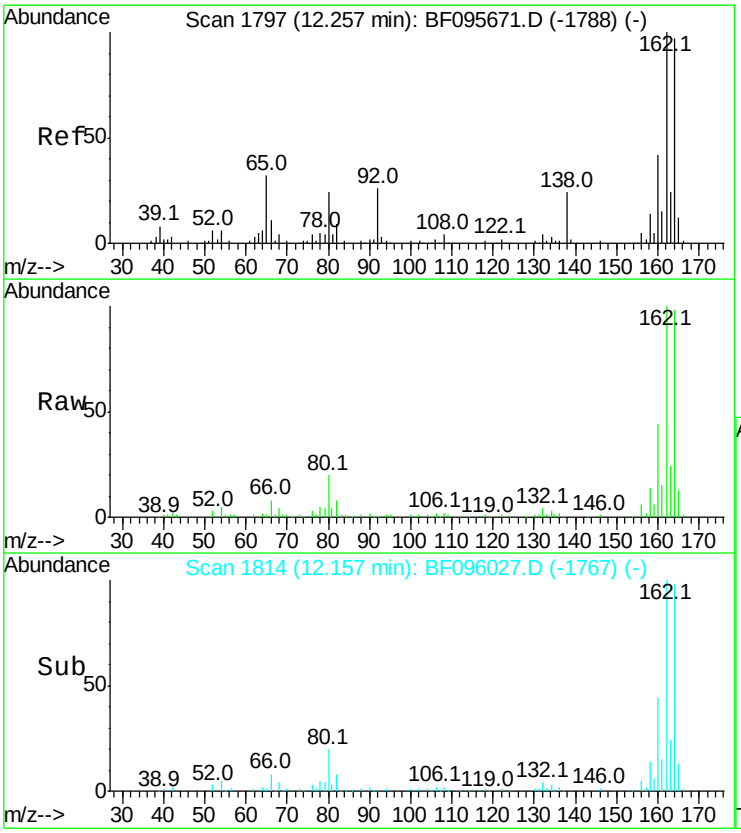
#37
2-Methylnaphthalene
Concen: 6.47 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 59584

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	28.6	27.1	40.7

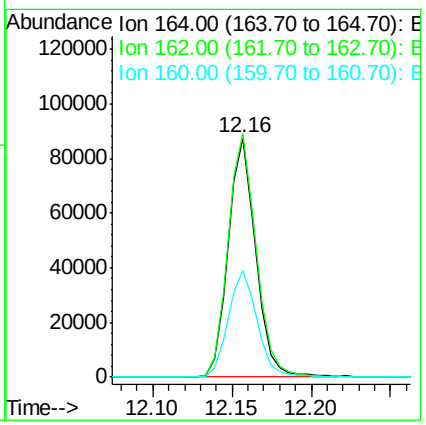


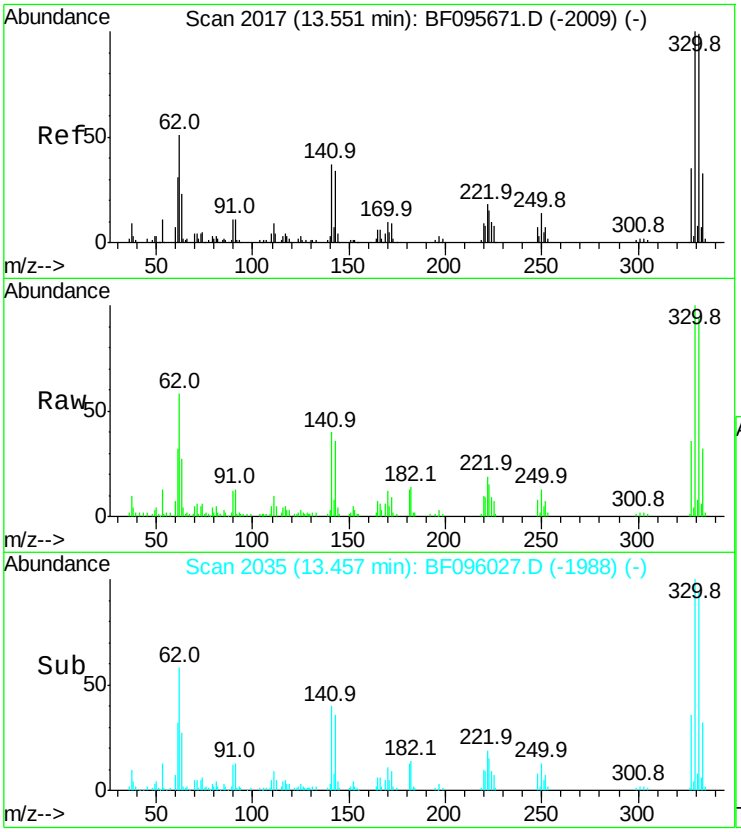


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:164 Resp: 105010

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.5	36.2	54.2



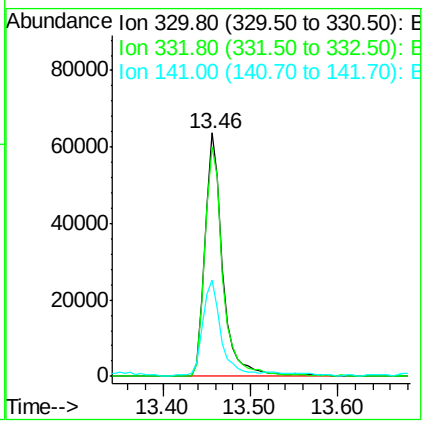


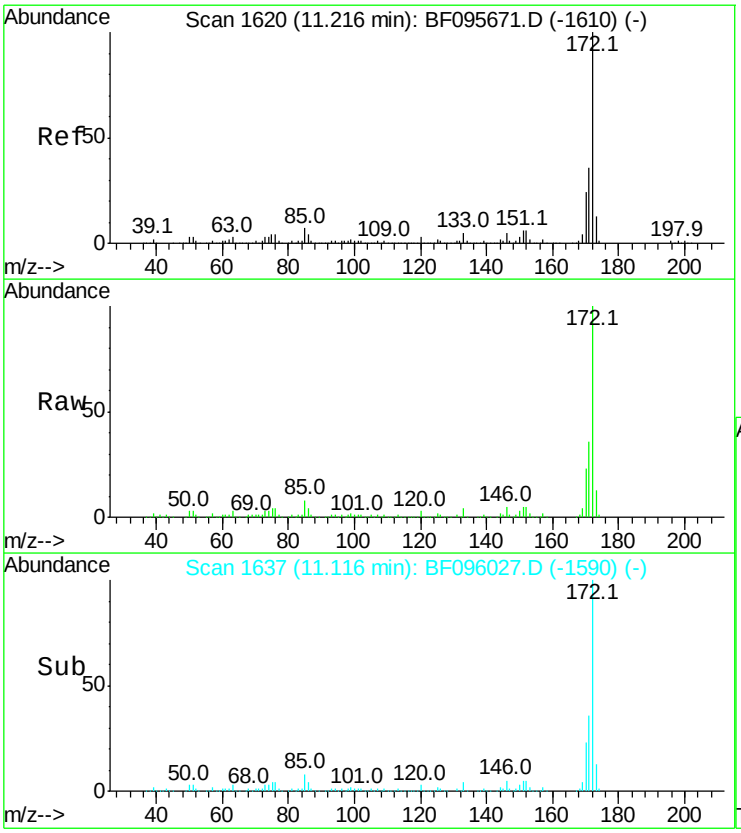
#41
2,4,6-Tribromophenol
Concen: 96.59 ng
RT: 13.46 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 89741

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	41.7	31.4	47.2

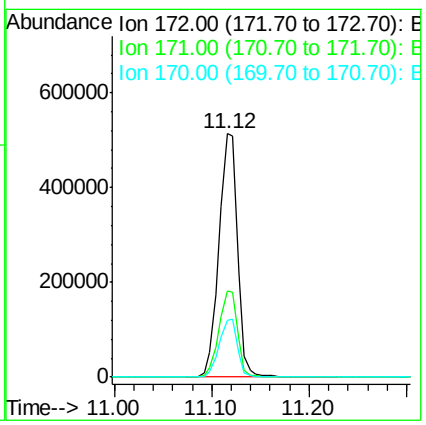


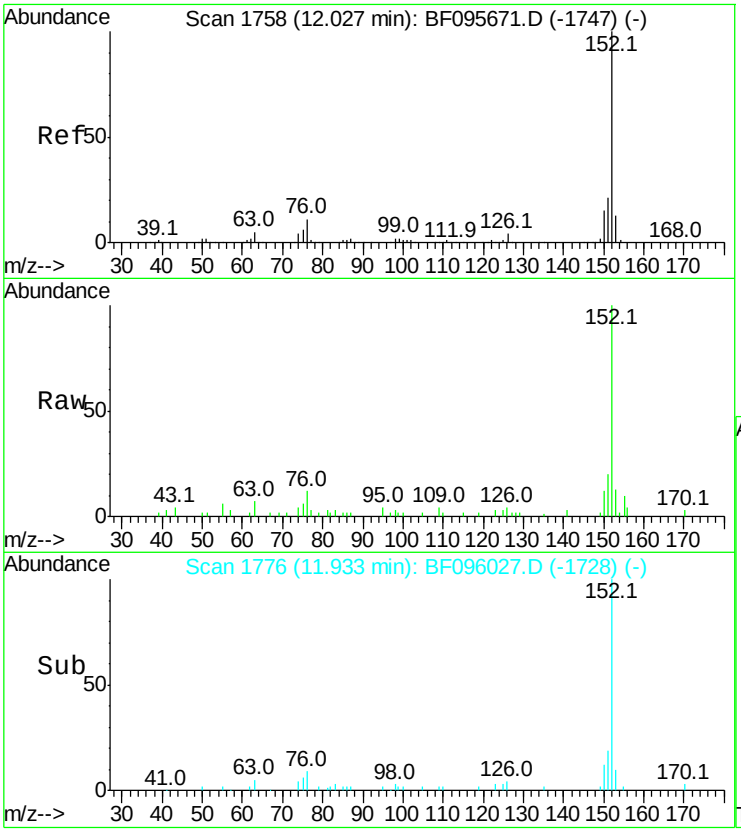


#44
2-Fluorobiphenyl
Concen: 89.85 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:172 Resp: 678049

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8



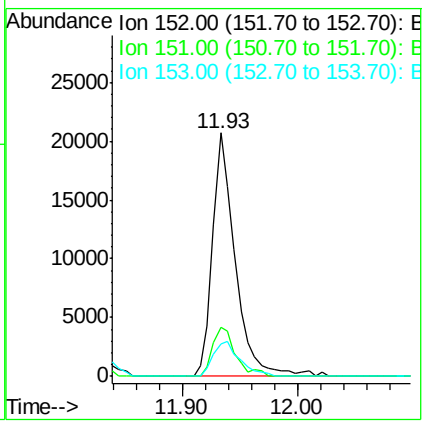


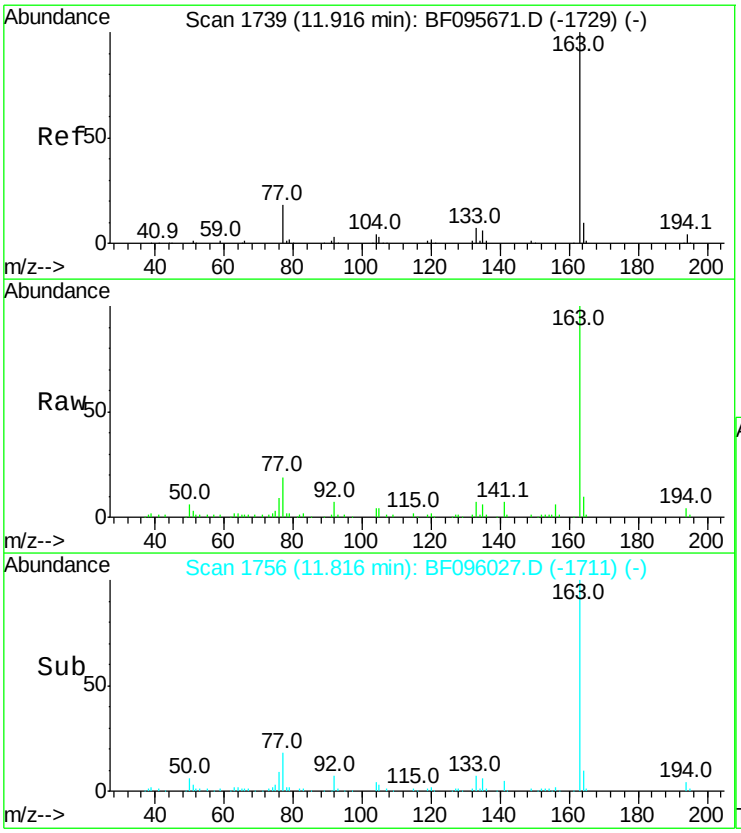
#48
Acenaphthylene
Concen: 2.45 ng
RT: 11.93 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 28365

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.5	10.8	16.2

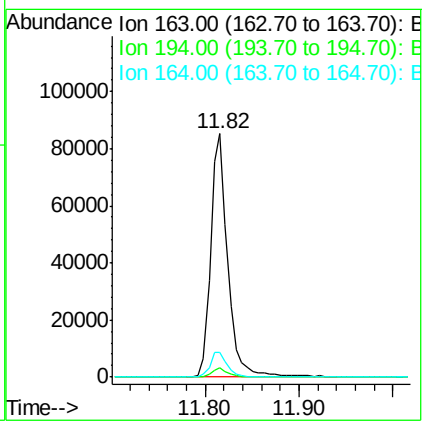


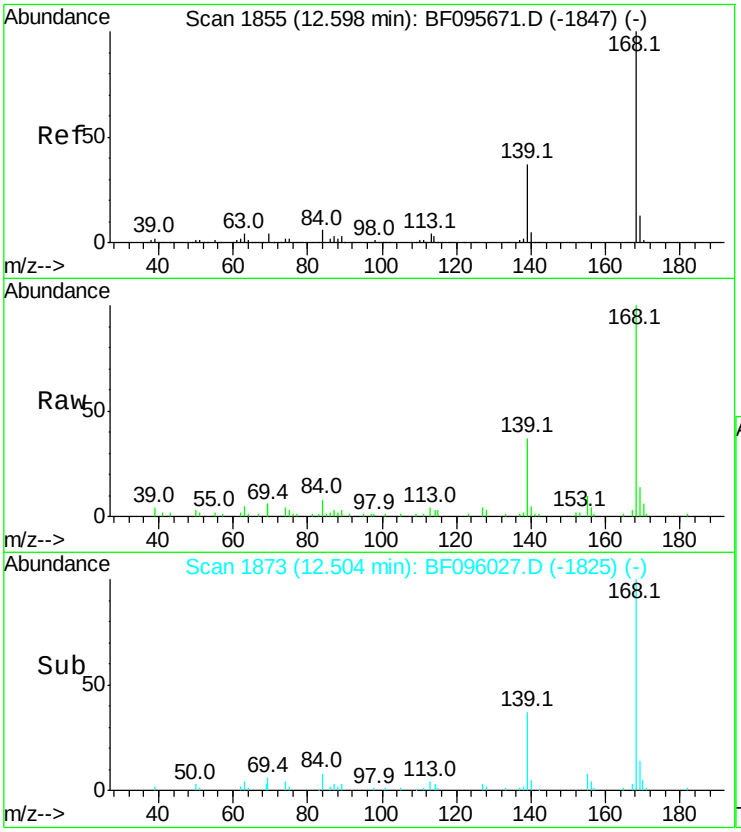


#49
Dimethylphthalate
Concen: 13.67 ng
RT: 11.82 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:163 Resp: 109014

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.4	12.6



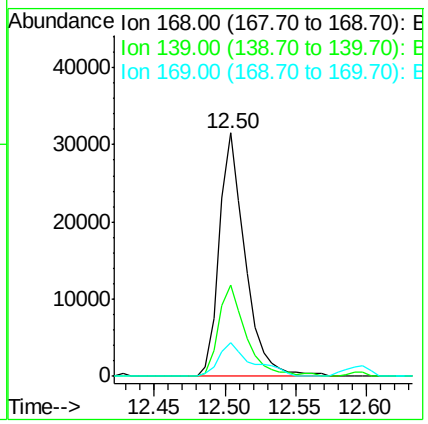


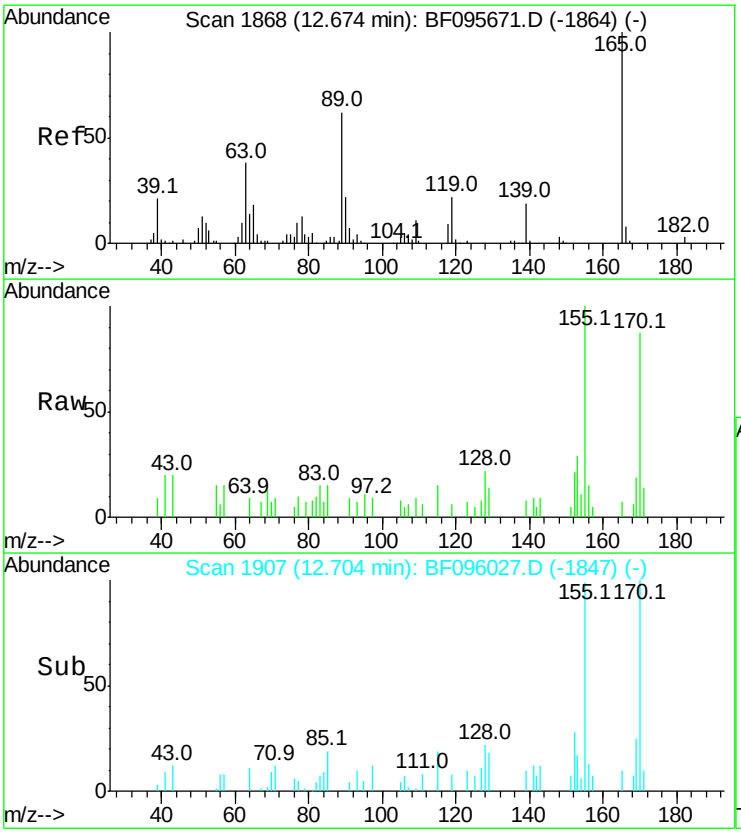
#54
Dibenzofuran
Concen: 4.27 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 40161

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	45.8
169	14.1	10.8	16.2

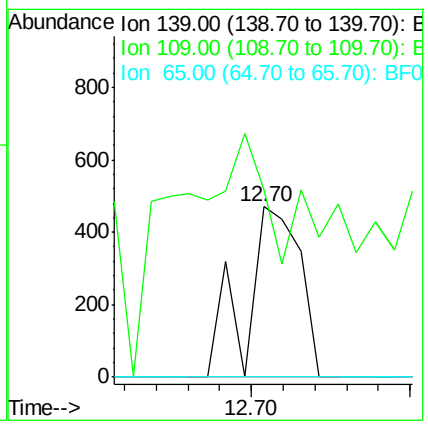


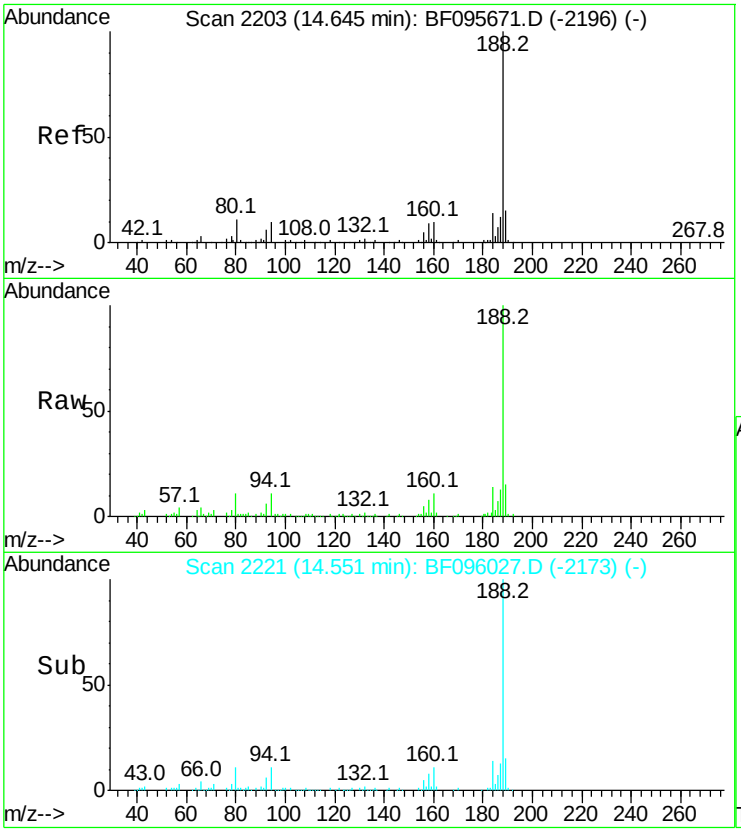


#55
4-Nitrophenol
Concen: 5.07 ng
RT: 12.70 min Scan# 1907
Delta R.T. 0.05 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:139 Resp: 556

Ion	Ratio	Lower	Upper
139	100		
109	110.2	34.1	74.1#
65	0.0	31.4	71.4#



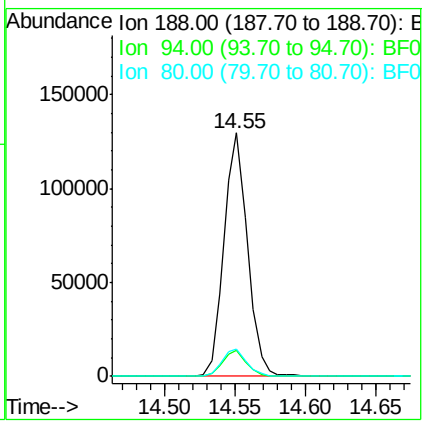


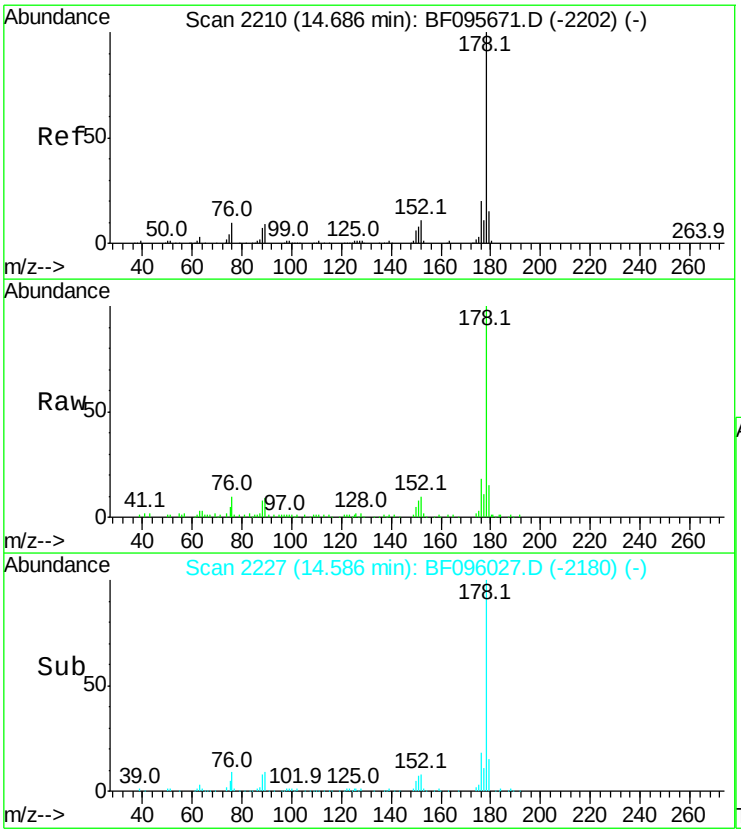
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 150306

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.3	10.2	15.2

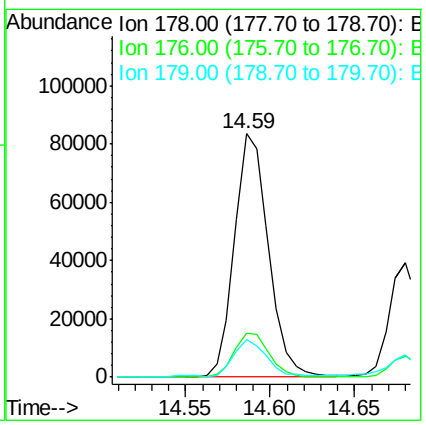


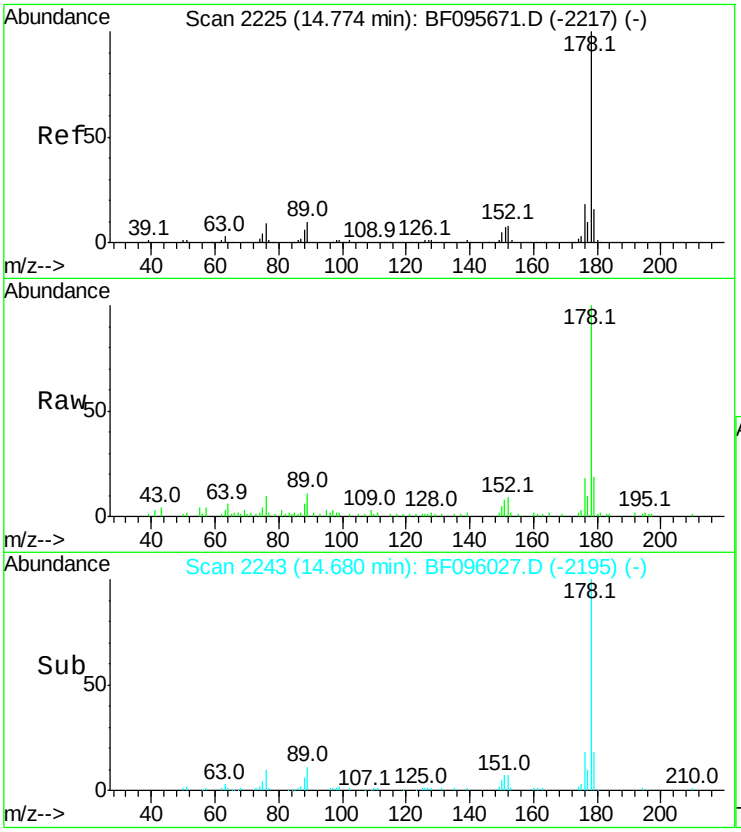


#70
Phenanthrene
Concen: 13.54 ng
RT: 14.59 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:178 Resp: 117462

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	15.4	12.6	19.0



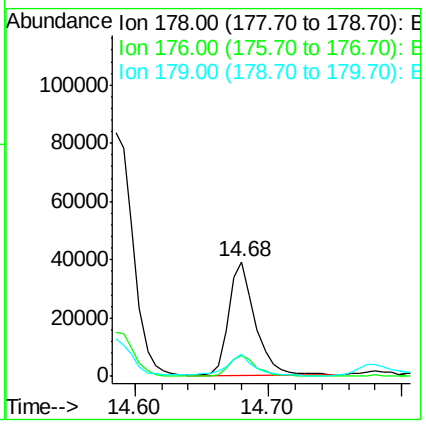


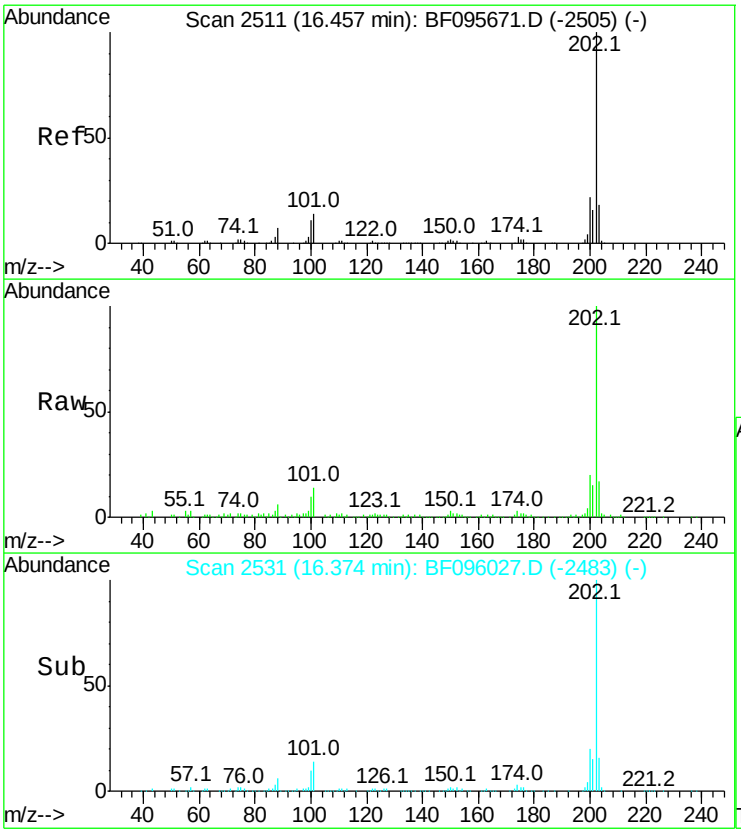
#71
Anthracene
Concen: 5.95 ng
RT: 14.68 min Scan# 2243
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 53881

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	19.1	12.7	19.1

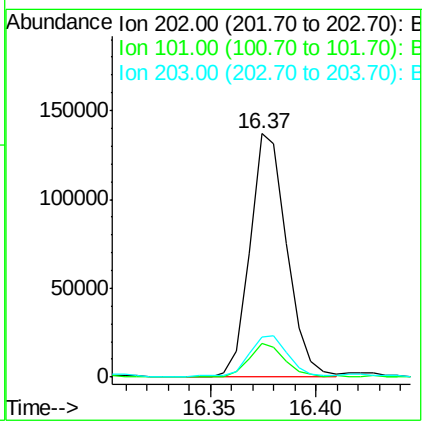


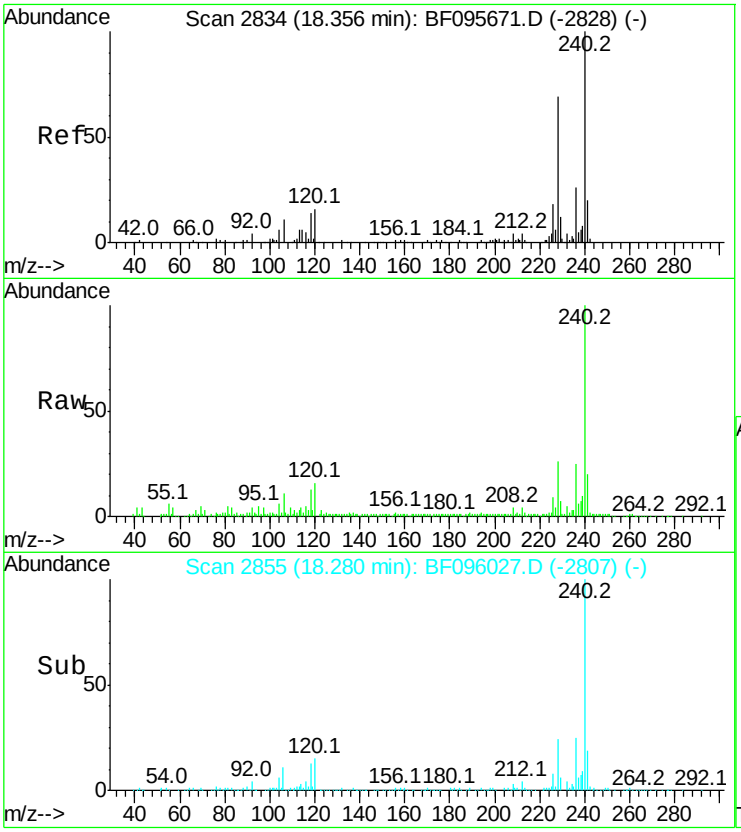


#74
Fluoranthene
Concen: 19.39 ng
RT: 16.37 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:202 Resp: 166458

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	16.7	0.0	38.1



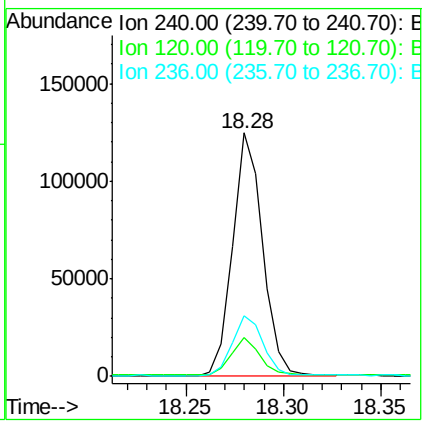


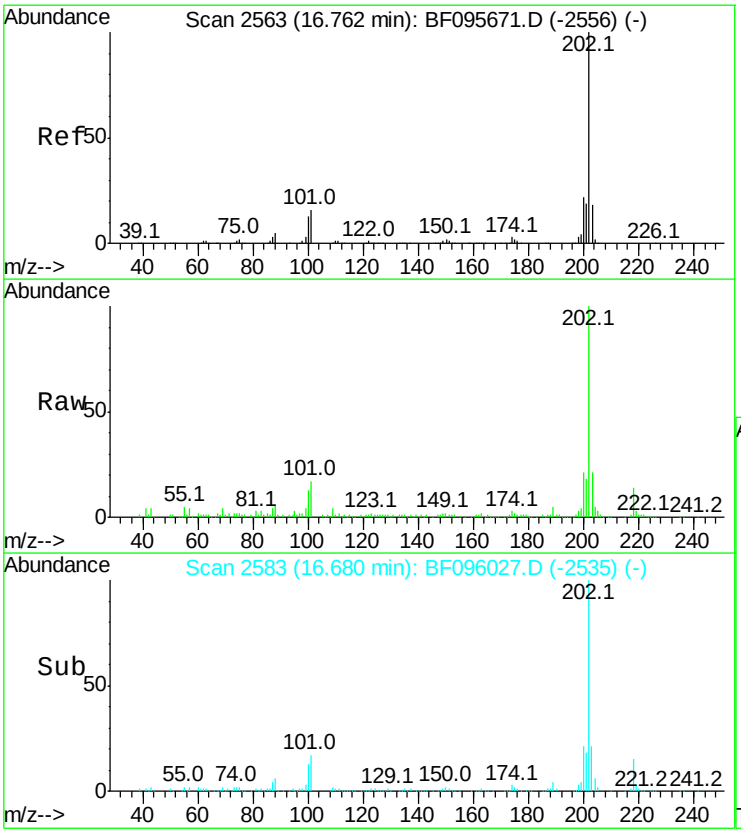
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.28 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 131593

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.0	20.5	30.7

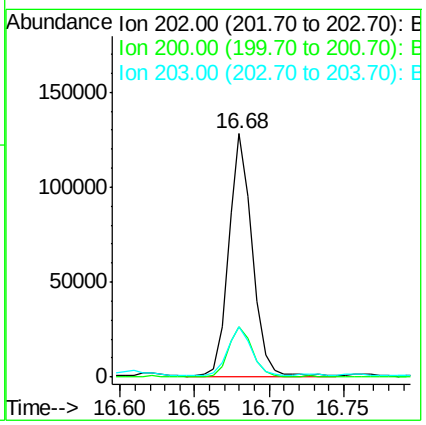


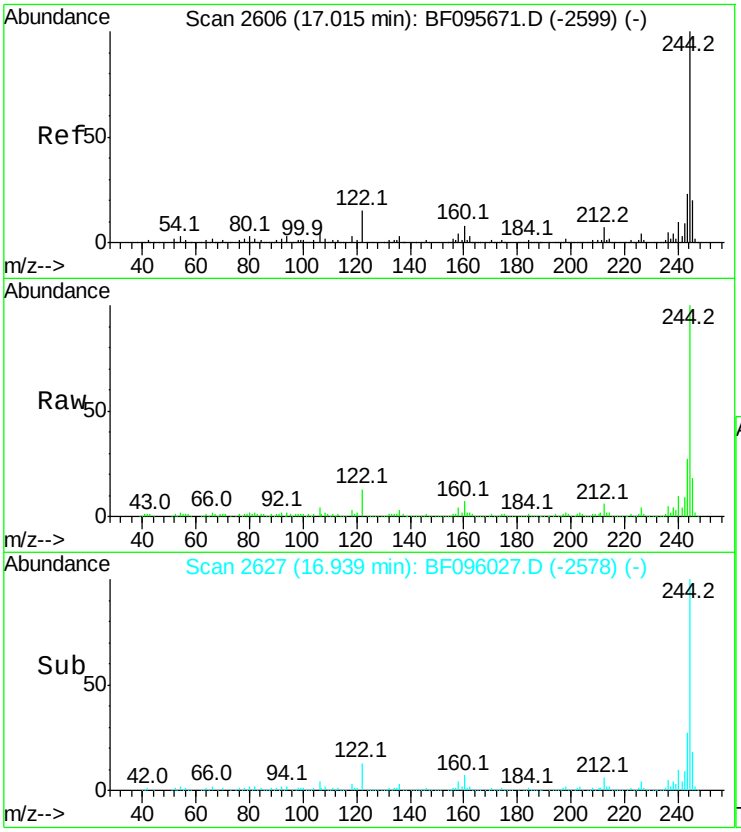


#77
Pyrene
Concen: 14.34 ng
RT: 16.68 min Scan# 2583
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:202 Resp: 140758

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



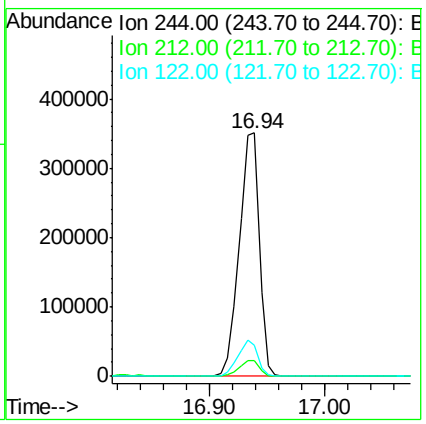


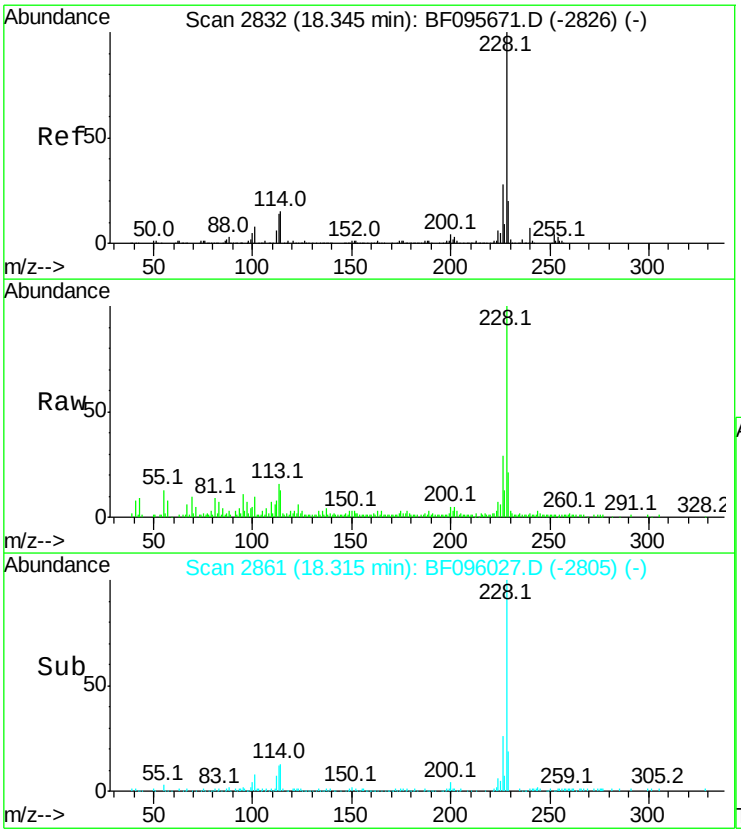
#78
Terphenyl-d14
Concen: 79.91 ng
RT: 16.94 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 423694

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	12.9	10.3	15.5

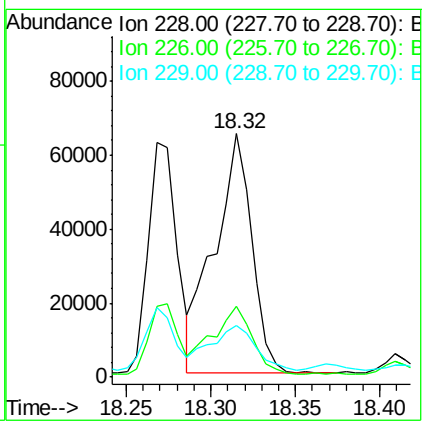


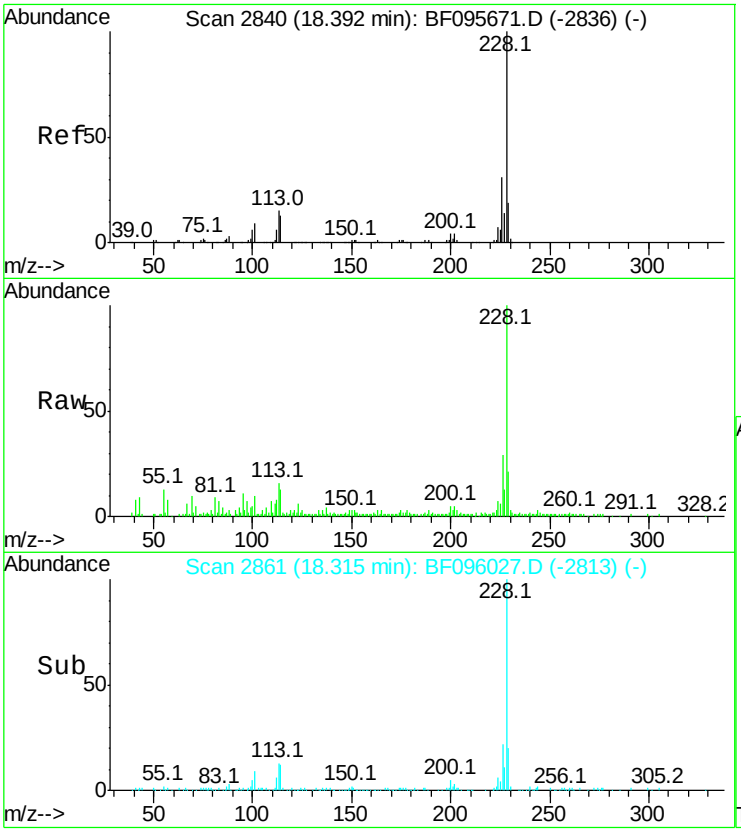


#80
Benzo(a)anthracene
Concen: 13.06 ng
RT: 18.32 min Scan# 2861
Delta R.T. 0.03 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:228 Resp: 99954

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.1	16.3	24.5



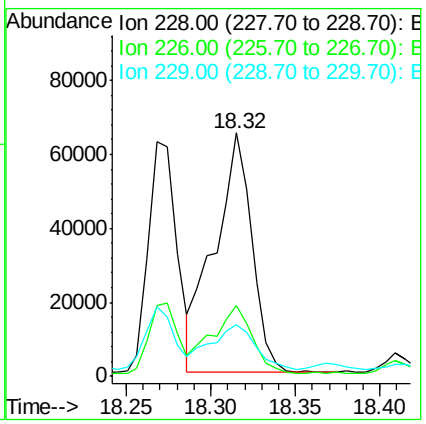


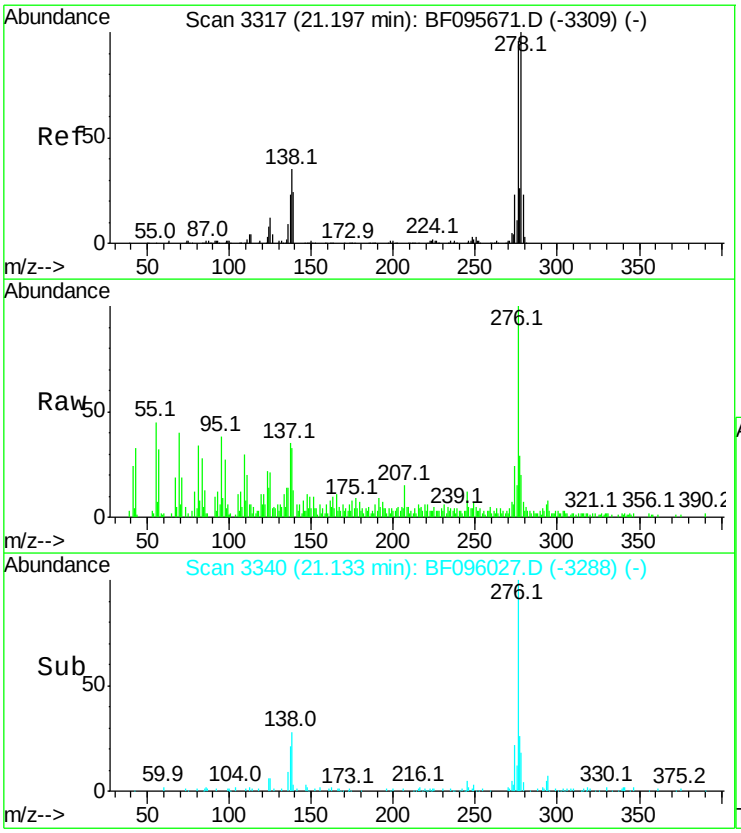
#82
Chrysene
Concen: 13.07 ng
RT: 18.32 min Scan# 2861
Delta R.T. -0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 99954

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.1	15.8	23.6

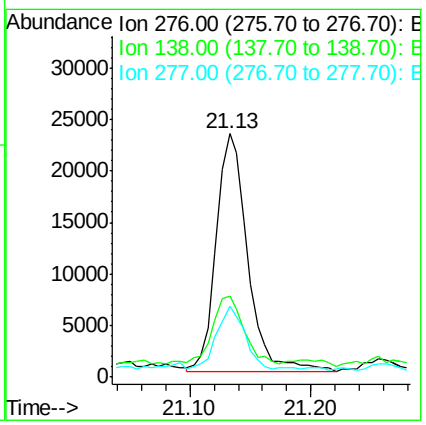


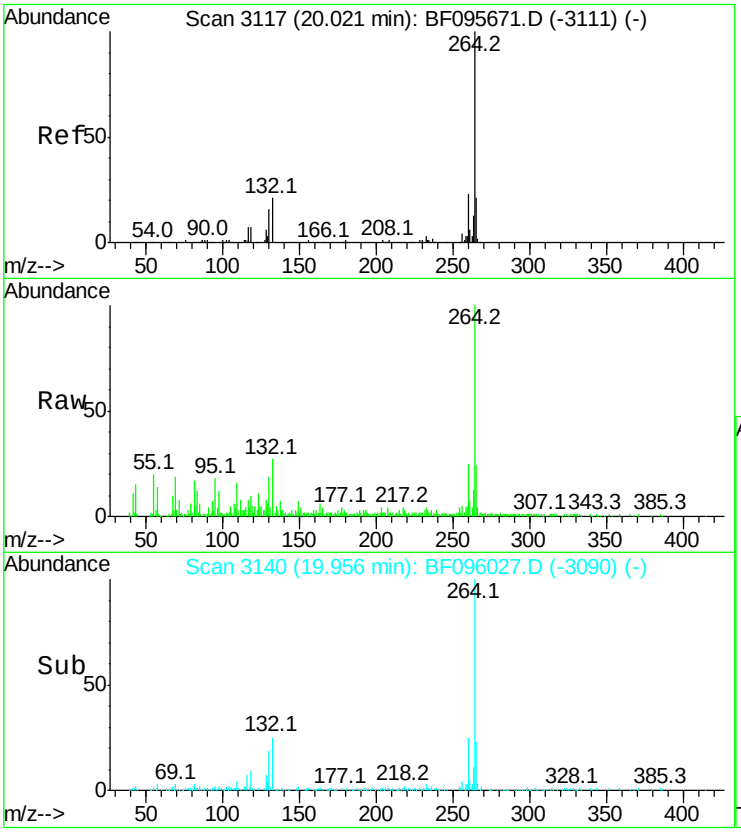


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.33 ng
RT: 21.13 min Scan# 3340
Delta R.T. 0.01 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:276 Resp: 41399

Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	23.2	20.2	30.4



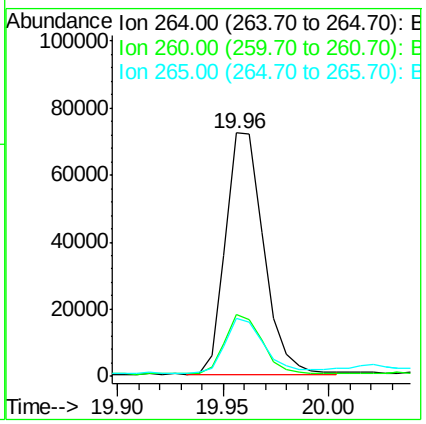


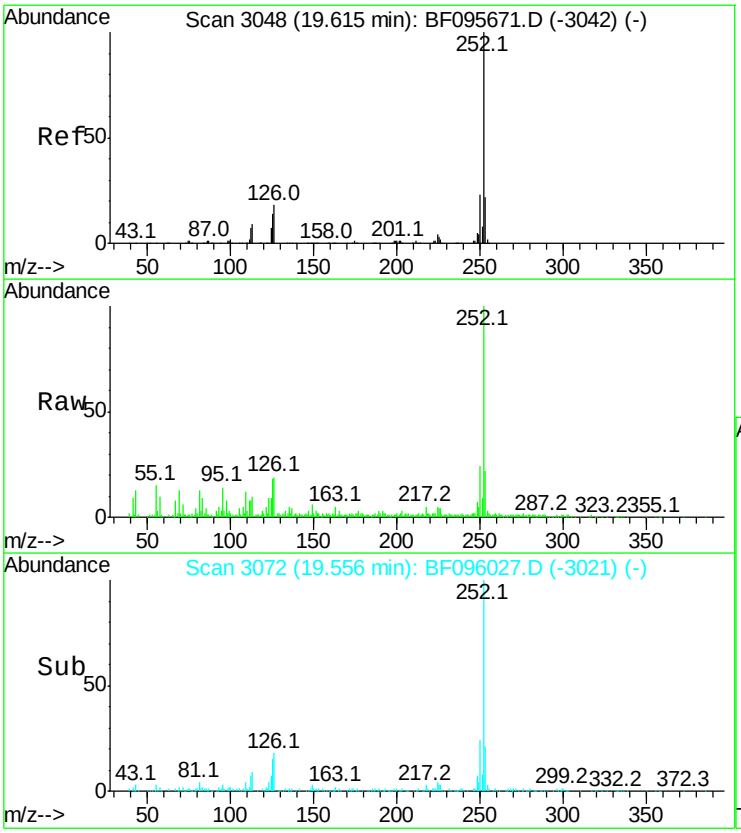
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 89814

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	23.9	17.2	25.8

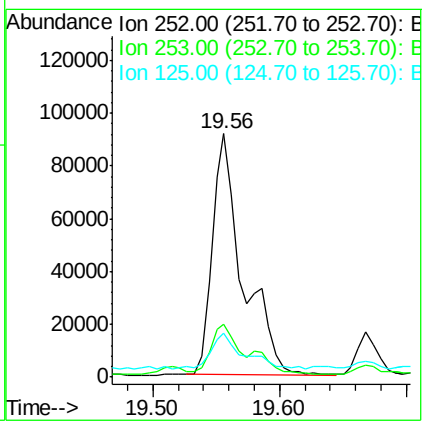


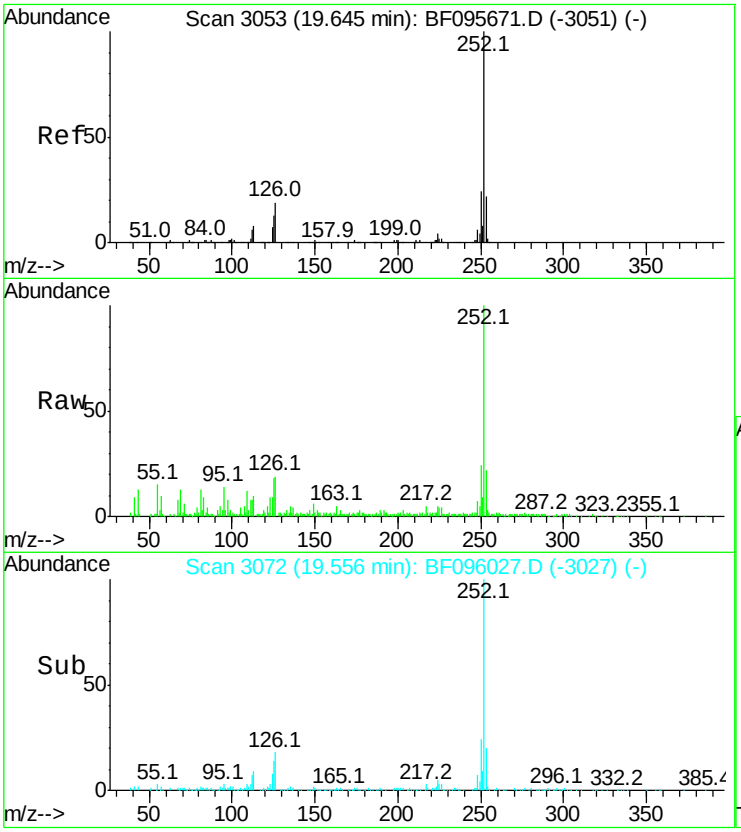


#87
Benzo(b)fluoranthene
Concen: 27.31 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:252 Resp: 153598

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	17.9	9.8	14.8#



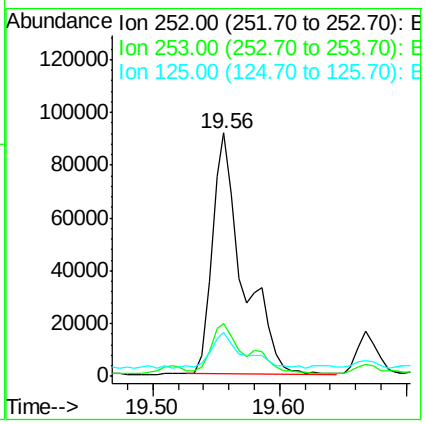


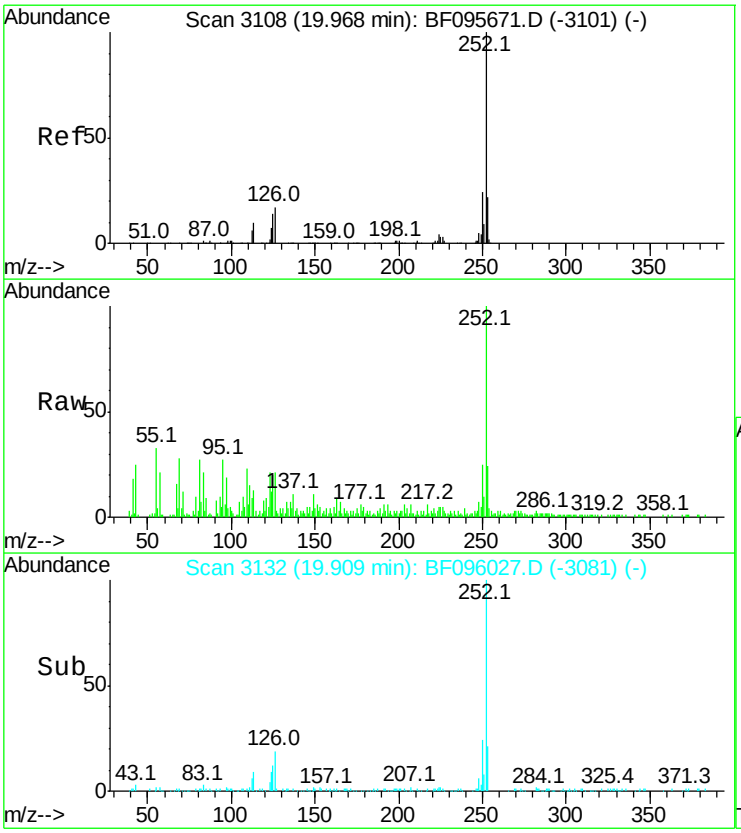
#88
Benzo(k)fluoranthene
Concen: 28.57 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.04 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 153598

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	17.9	13.1	19.7

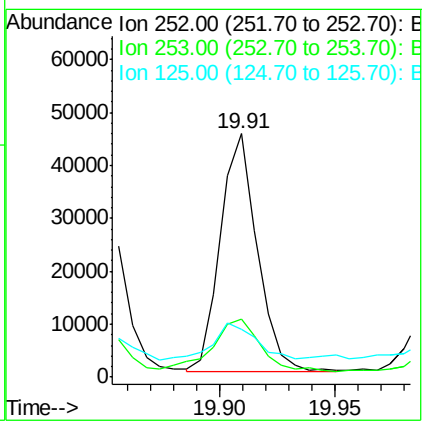


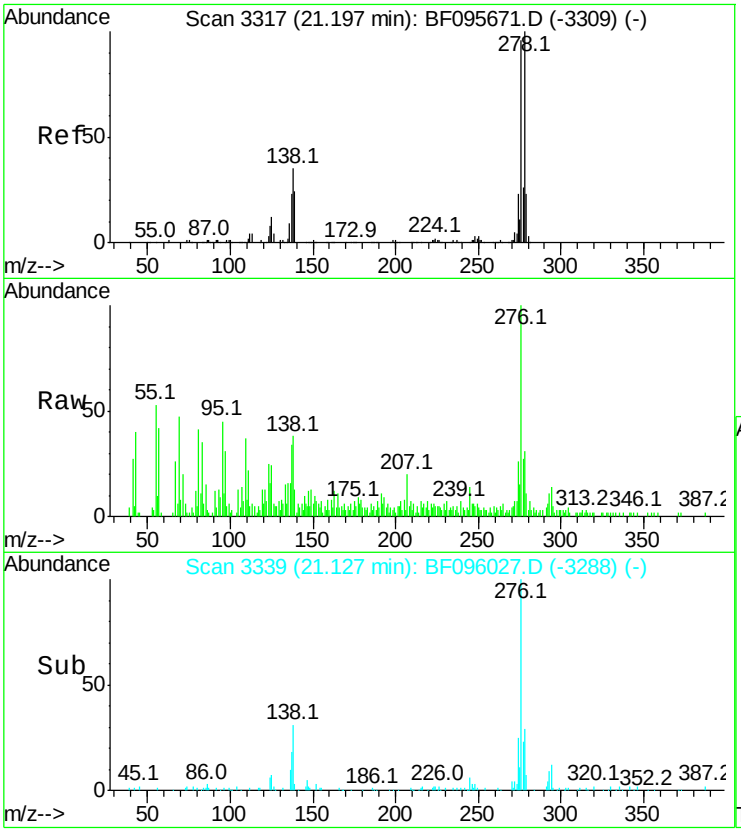


#89
Benzo(a)pyrene
Concen: 9.67 ng
RT: 19.91 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:252 Resp: 49965

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	19.9	11.0	16.4#



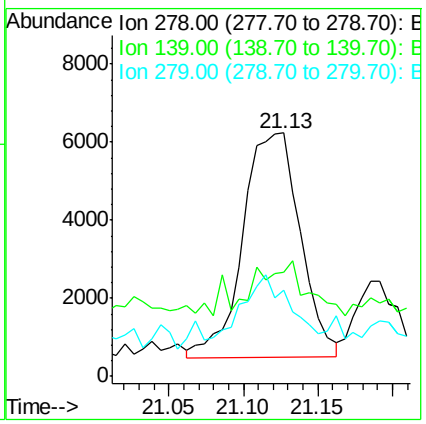


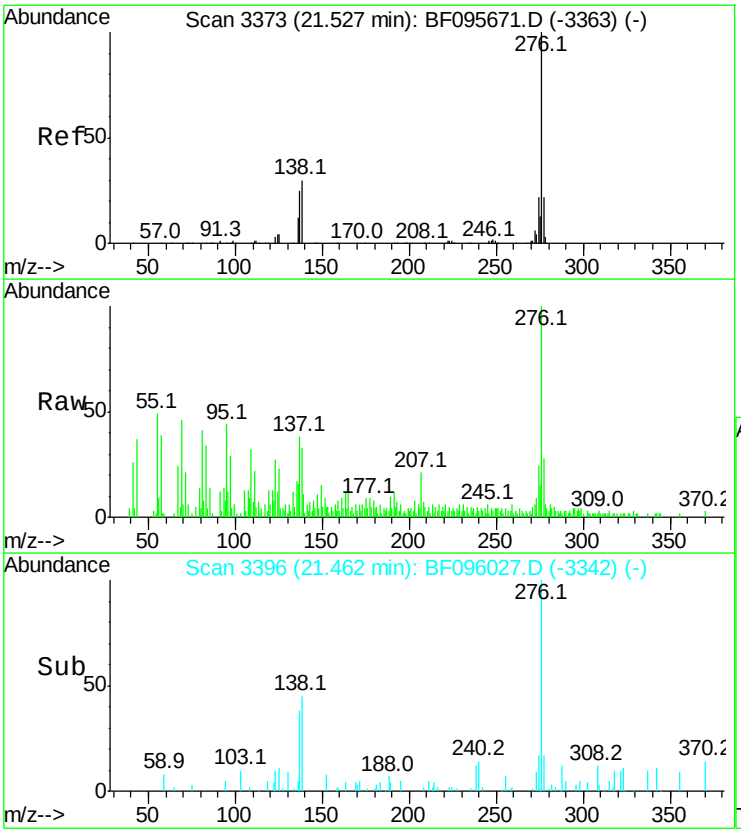
#90
Dibenzo(a,h)anthracene
Concen: 3.50 ng
RT: 21.13 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 15331

Ion	Ratio	Lower	Upper
278	100		
139	43.0	16.6	24.8#
279	35.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.19 ng
RT: 21.46 min Scan# 3396
Delta R.T. 0.02 min
Lab File: BF096027.D
Acq: 20 Jun 2017 4:40

Tgt Ion:276 Resp: 36619

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.6	28.0#
138	33.0	25.4	38.0