Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
Data File : BF096541.D
Acq On : 6 Jul 2017 18:54
Operator : SJ/MA
Sample : I3999-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 07 01:23:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114944	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	471611	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	176210	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	240181	20.00	ng		0.00
75) Chrysene-d12	13.86	240	238960	20.00	ng		0.00
86) Perylene-d12	15.28	264	184042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	696098	89.38	ng		0.00
7) Phenol-d6	6.35	99	834126	87.12	ng		0.00
23) Nitrobenzene-d5	7.27	82	475862	60.63	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	113408	82.39	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	704191	68.33	ng		0.00
78) Terphenyl-d14	12.82	244	463522	41.45	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	22408	2.05	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	61952	10.86	ng	#	87
25) Isophorone	7.27	82	471470	30.98	ng	#	67
49) Dimethylphthalate	9.47	163	193740	14.73	ng		99
56) 2,4-Dinitrotoluene	9.75	165	22289	6.05	ng	#	33
66) 4-Bromophenyl-phenylether	10.53	248	7073	3.03	ng	#	1
70) Phenanthrene	11.25	178	38641	2.98	ng		98
74) Fluoranthene	12.44	202	57507	4.52	ng		99
77) Pyrene	12.67	202	53822	2.81	ng		97
80) Benzo(a)anthracene	13.85	228	28919	2.09	ng		98
87) Benzo(b)fluoranthene	14.87	252	38207	3.31	ng	#	82
88) Benzo(k)fluoranthene	14.87	252	38207	3.70	ng	#	86

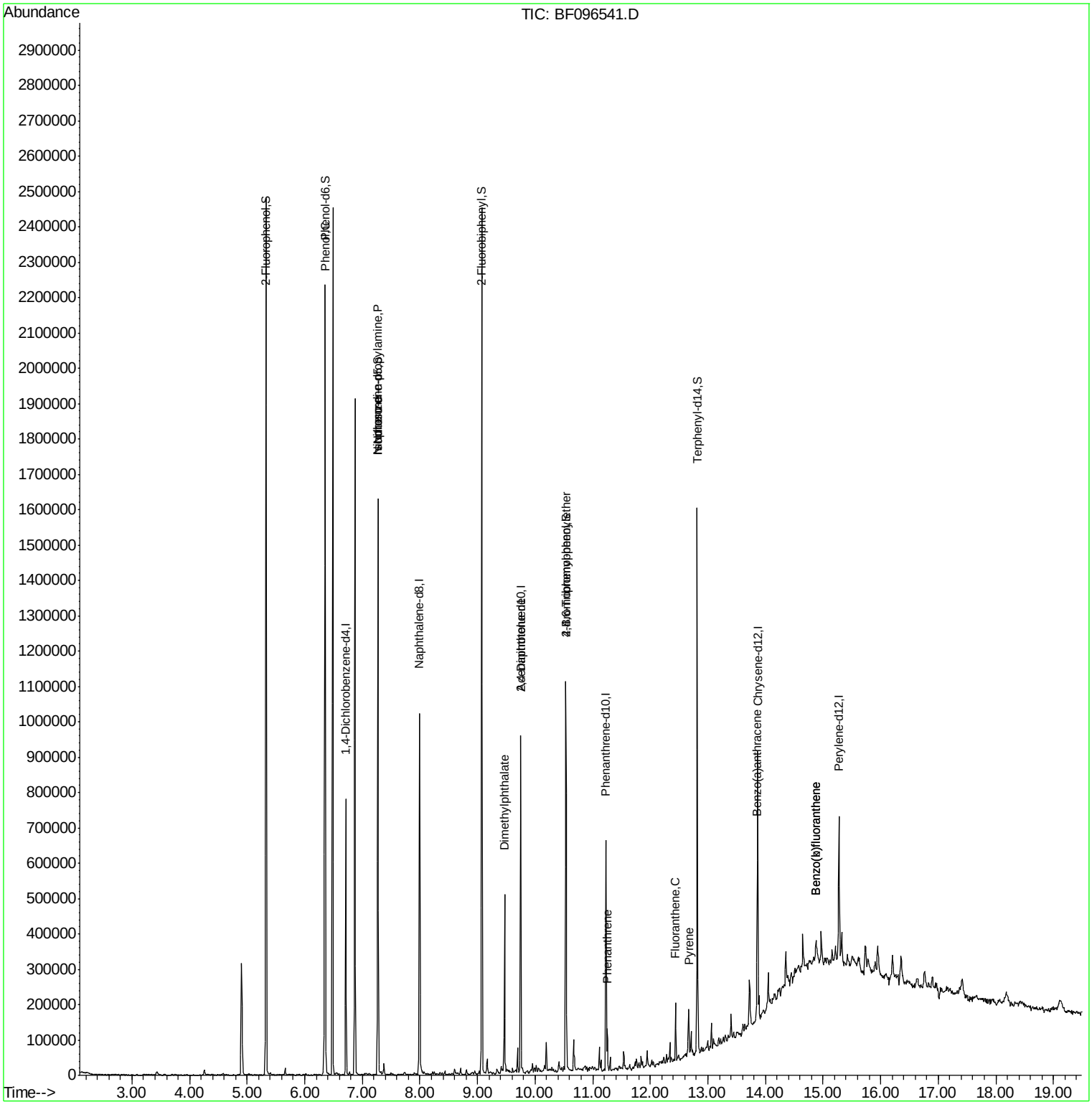
(#) = qualifier out of range (m) = manual integration (+) = signals summed

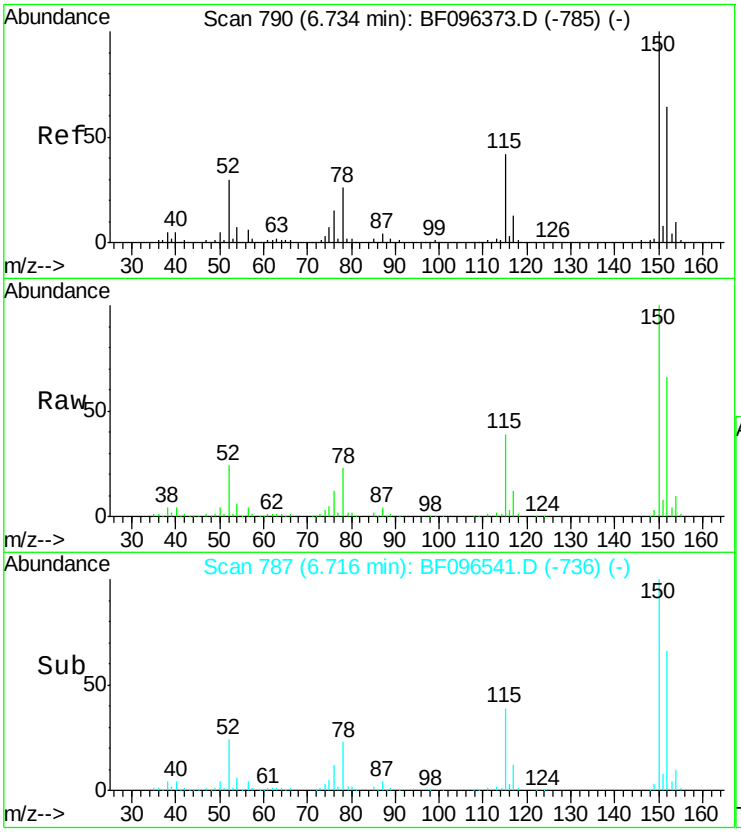
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
Data File : BF096541.D
Acq On : 6 Jul 2017 18:54
Operator : SJ/MA
Sample : I3999-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 07 01:23:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration



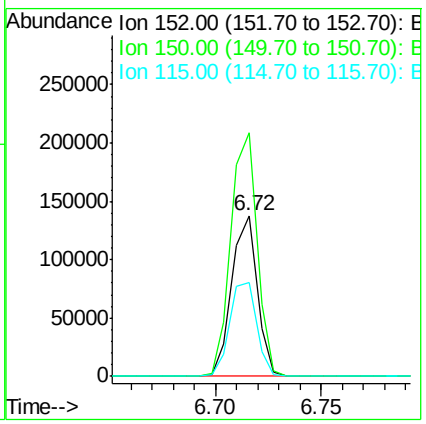


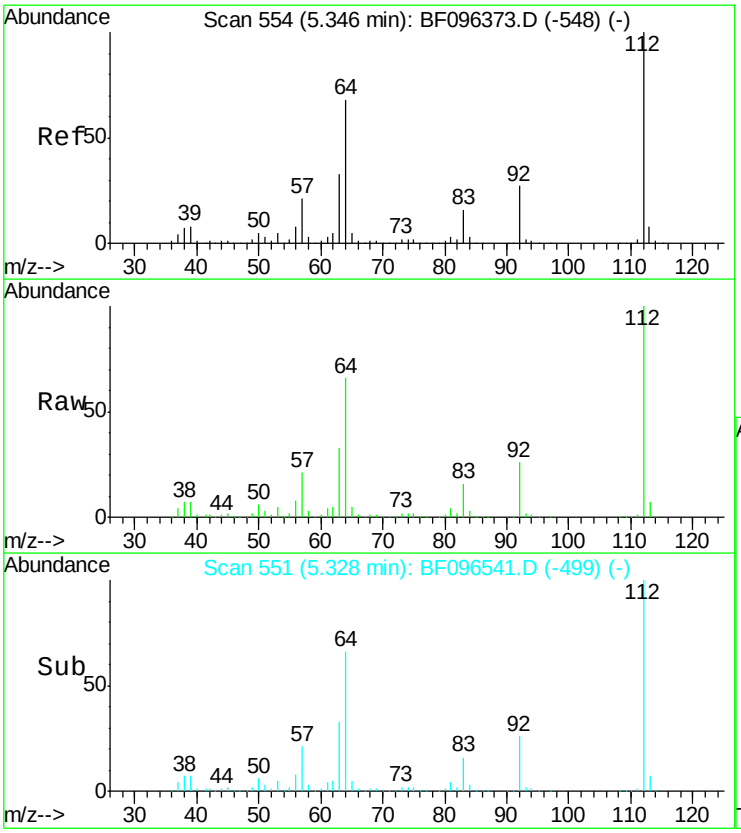
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114944

Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.2	189.2
115	58.6	52.2	78.2

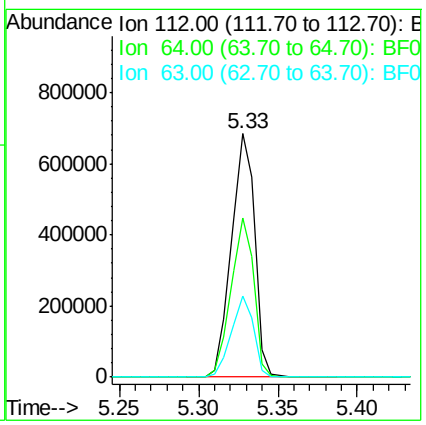


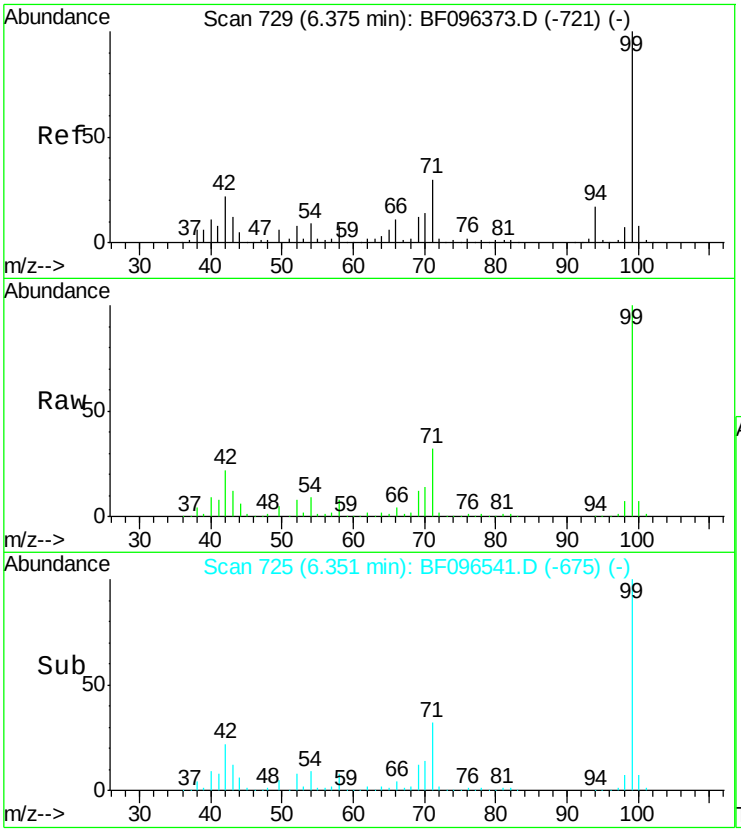


#5
2-Fluorophenol
Concen: 89.38 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:112 Resp: 696098

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	33.3	23.4	35.0



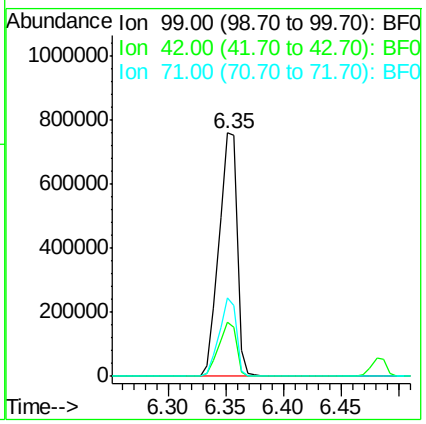


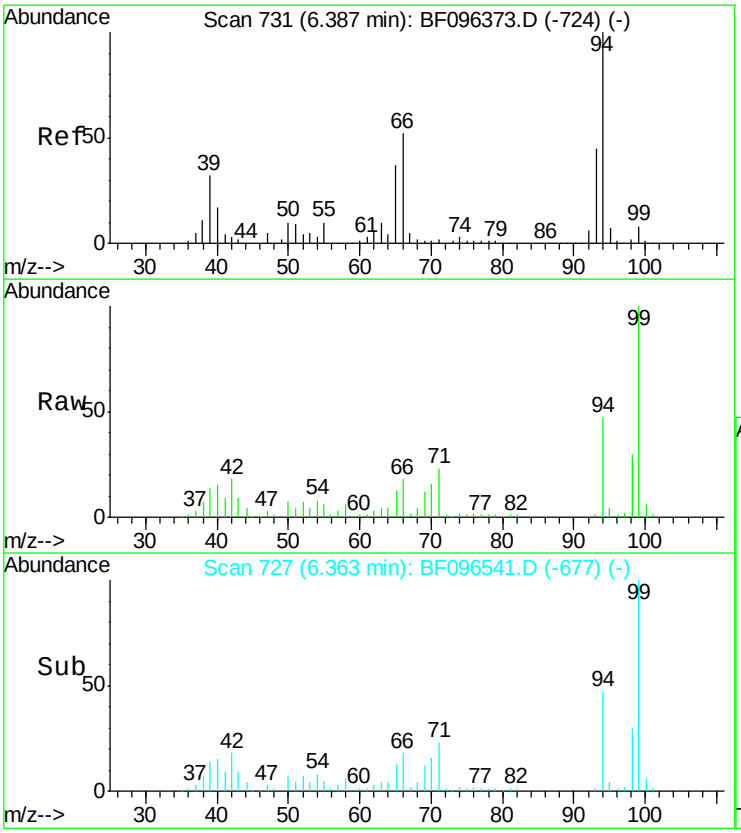
#7
Phenol-d6
Concen: 87.12 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 834126

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.0	24.5	36.7

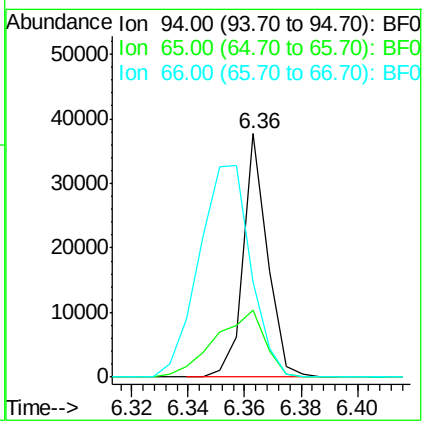


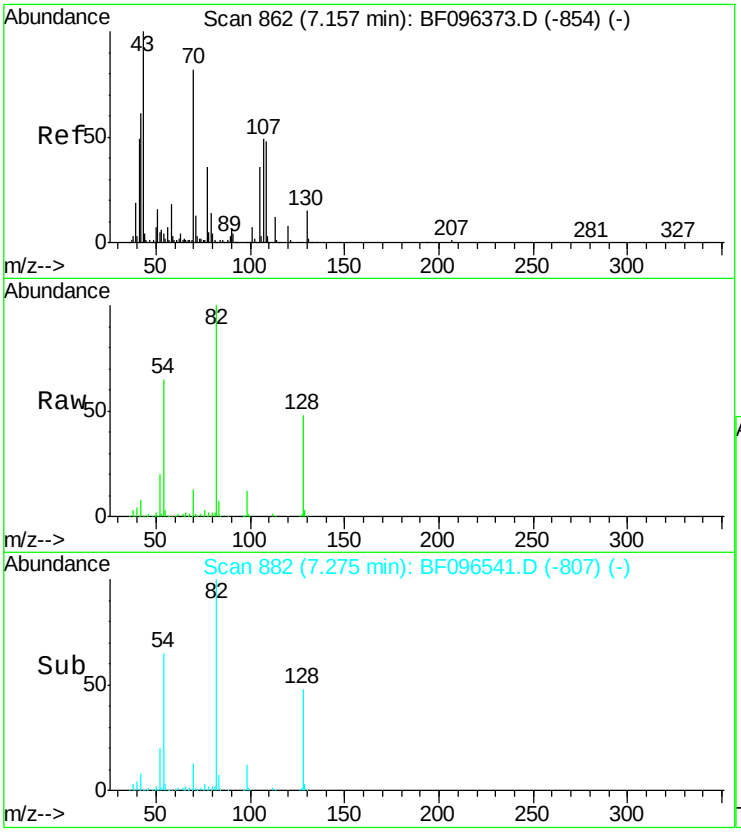


#10
Phenol
Concen: 2.05 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion: 94 Resp: 22408

Ion	Ratio	Lower	Upper
94	100		
65	27.8	9.9	49.9
66	39.1	23.1	63.1



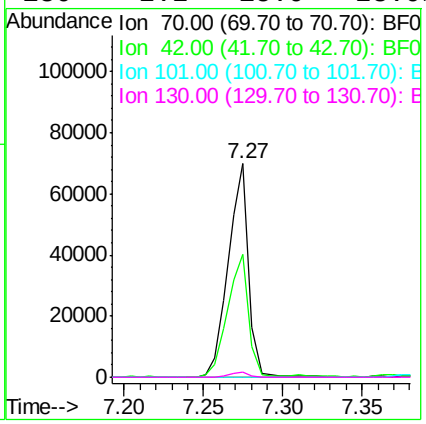


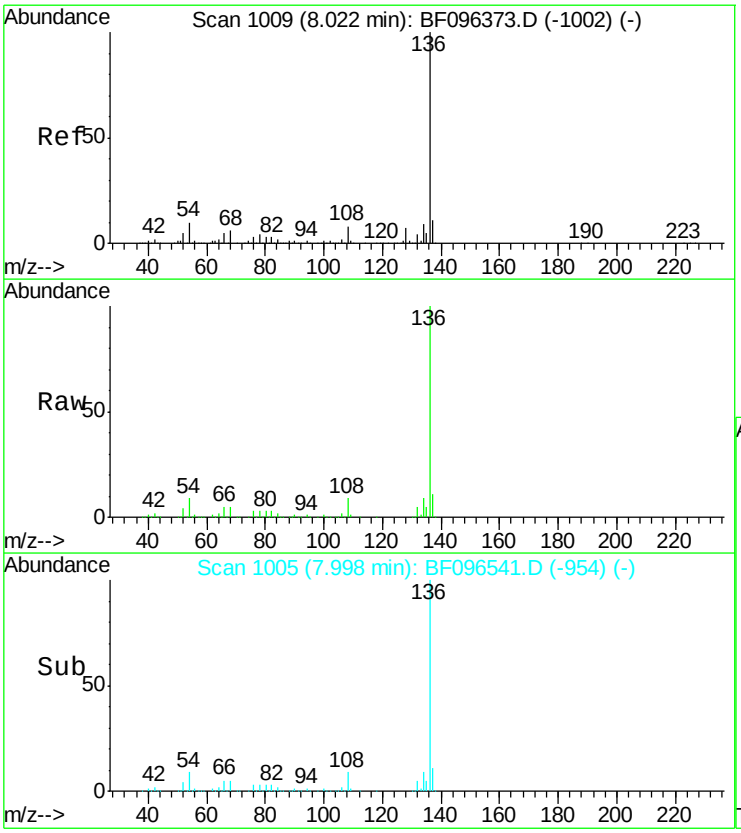
#19
n-Nitroso-di-n-propylamine
Concen: 10.86 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 61952

Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

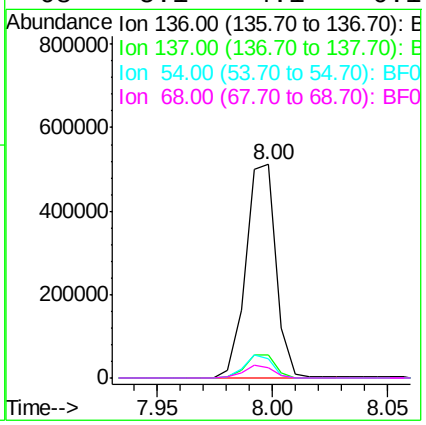


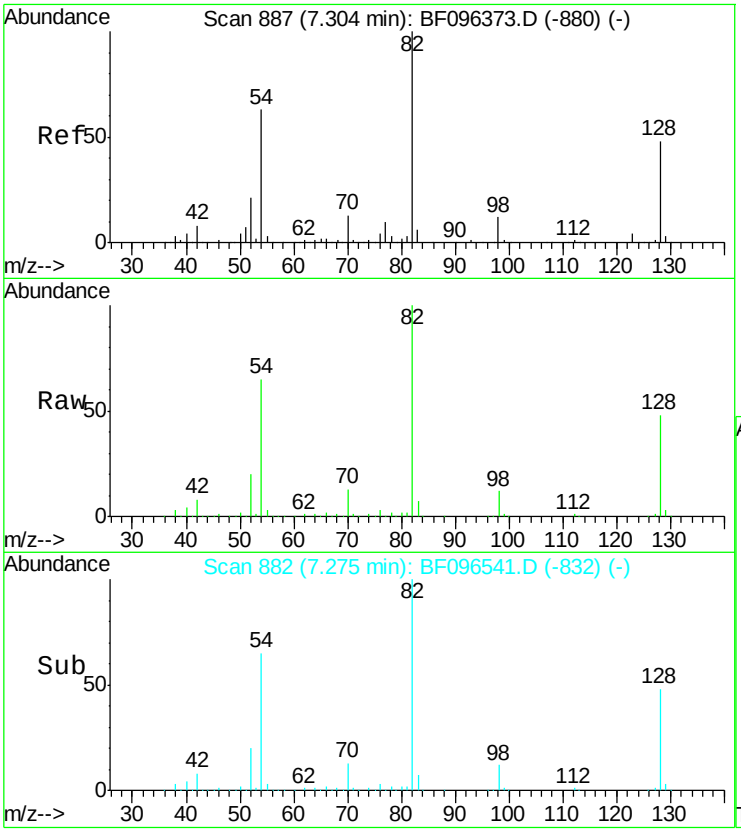


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:136 Resp: 471611

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.9	4.9	7.3#
68	5.1	4.1	6.1



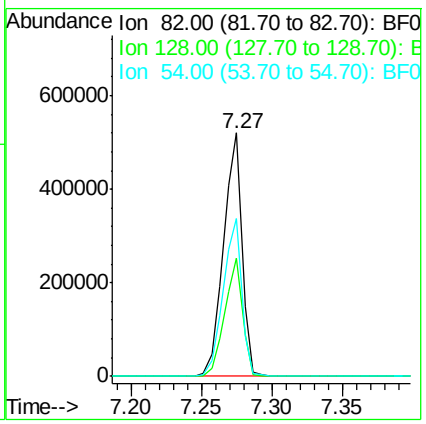


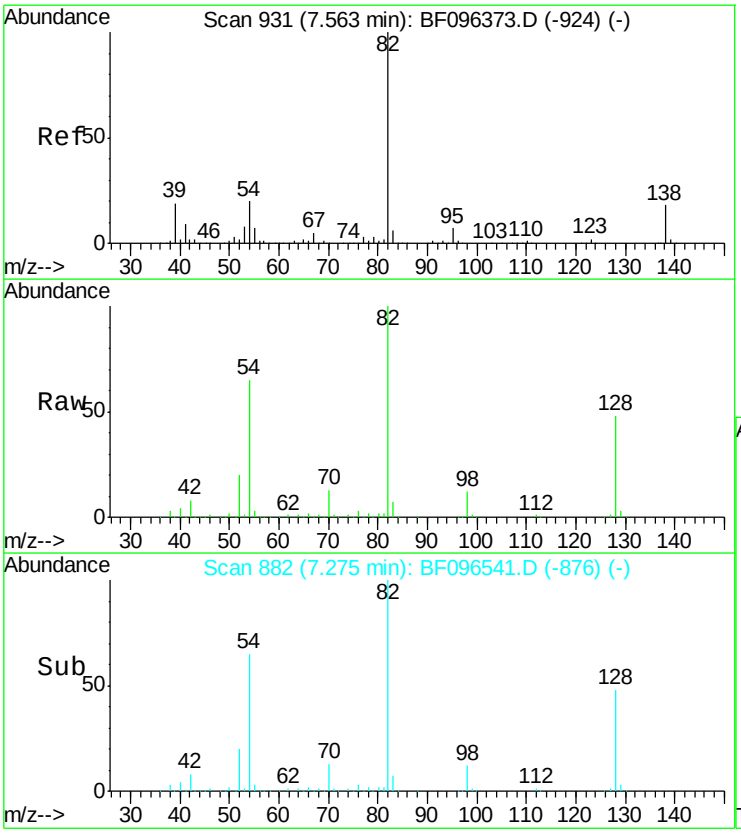
#23
Nitrobenzene-d5
Concen: 60.63 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 475862

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	64.8	42.2	63.2#

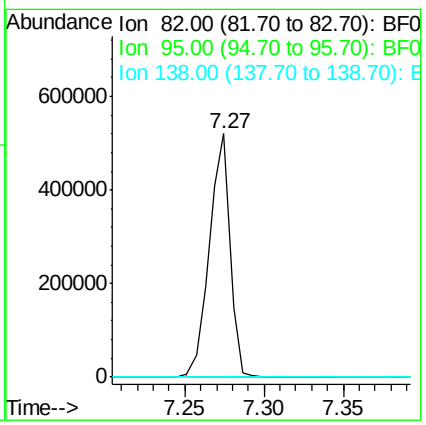


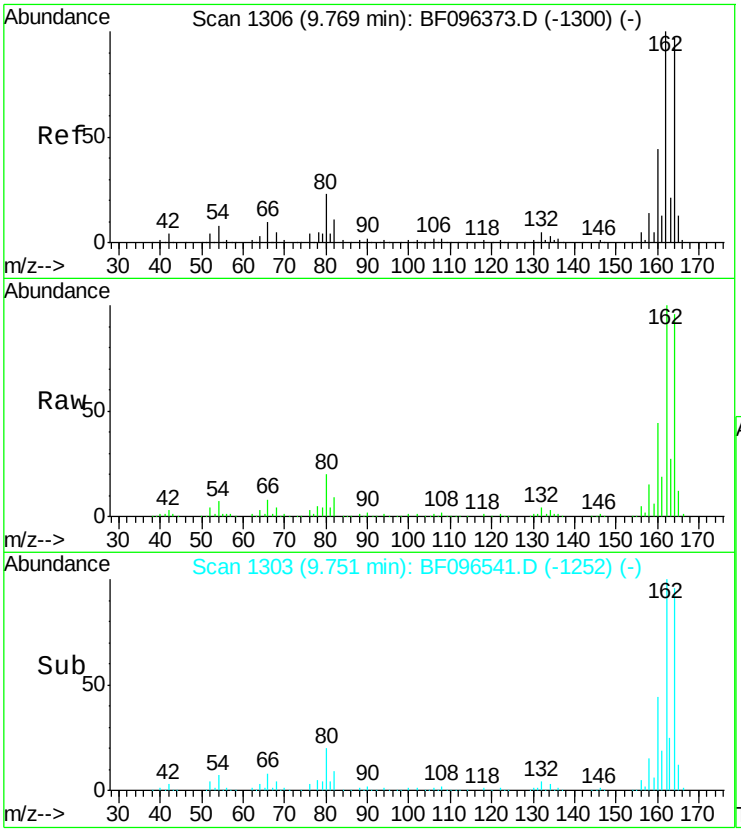


#25
Isophorone
Concen: 30.98 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion: 82 Resp: 471470

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



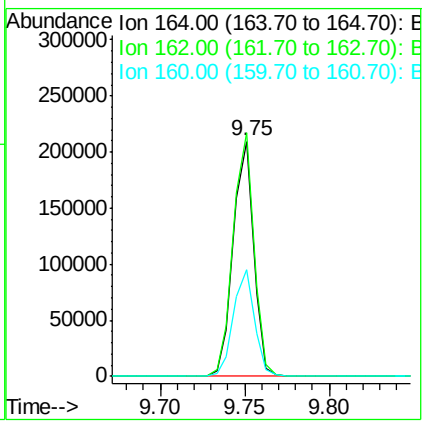


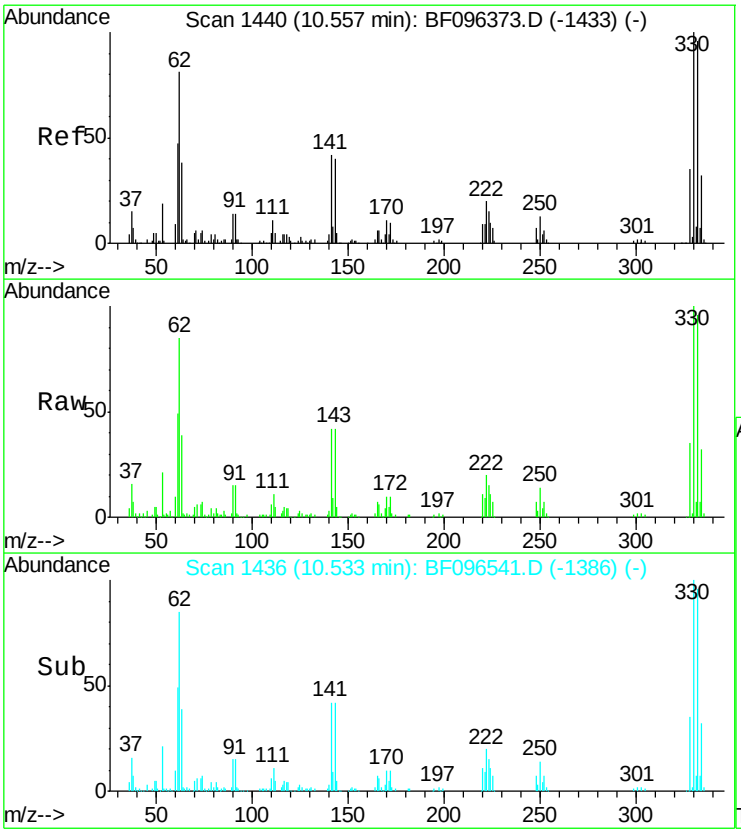
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 176210

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.5	36.2	54.2

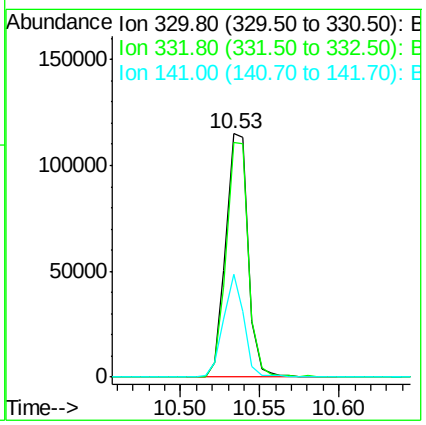


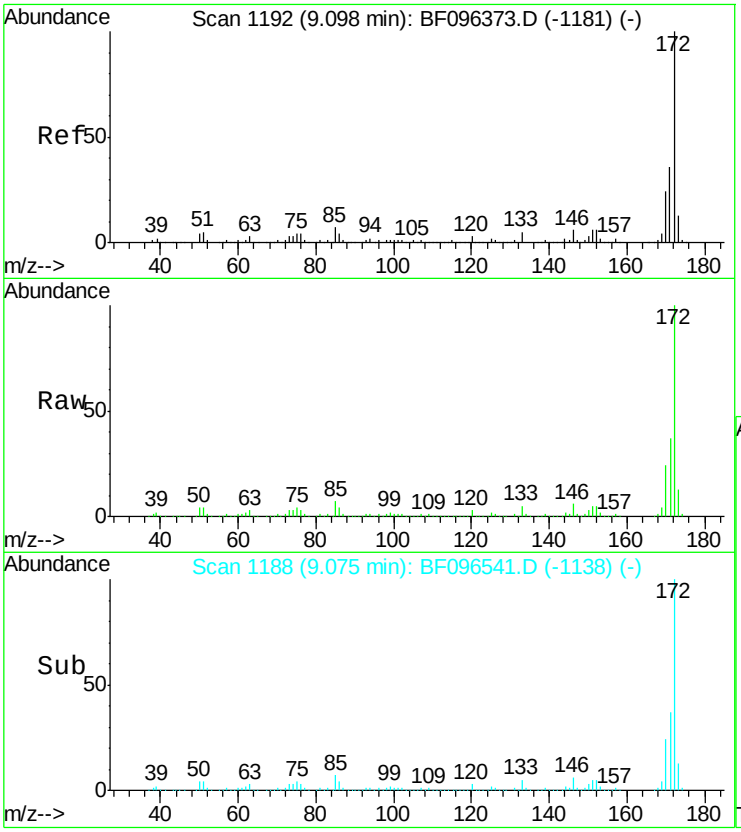


#41
2,4,6-Tribromophenol
Concen: 82.39 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:330 Resp: 113408

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.7	31.4	47.2



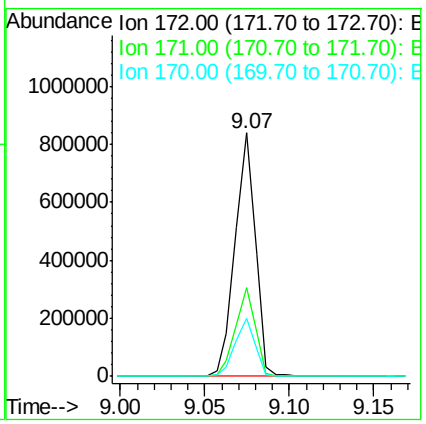


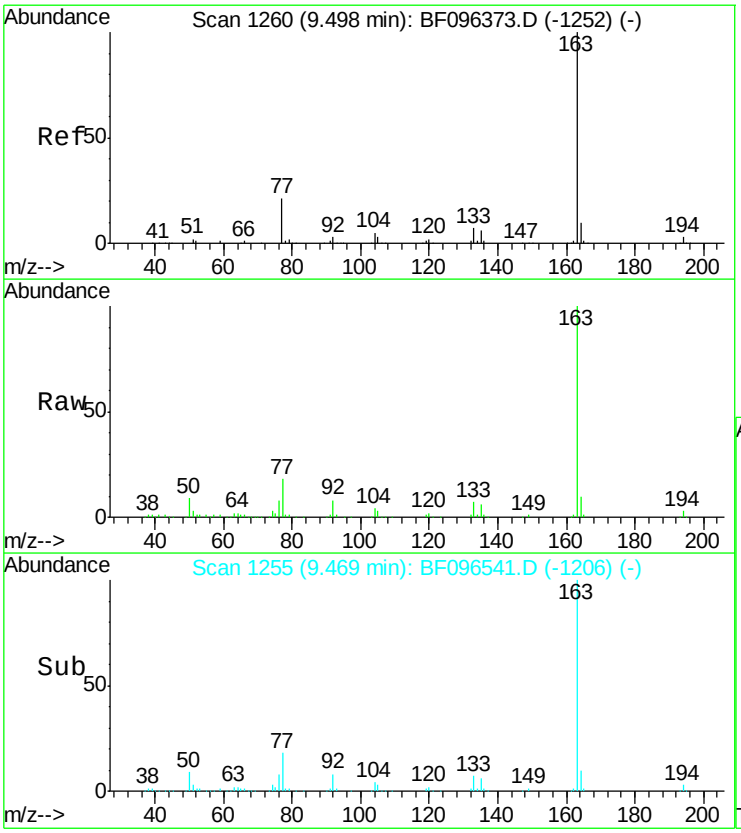
#44
2-Fluorobiphenyl
Concen: 68.33 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 704191

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.6	19.8	29.8

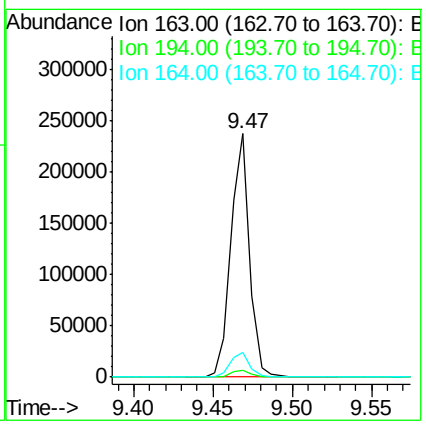


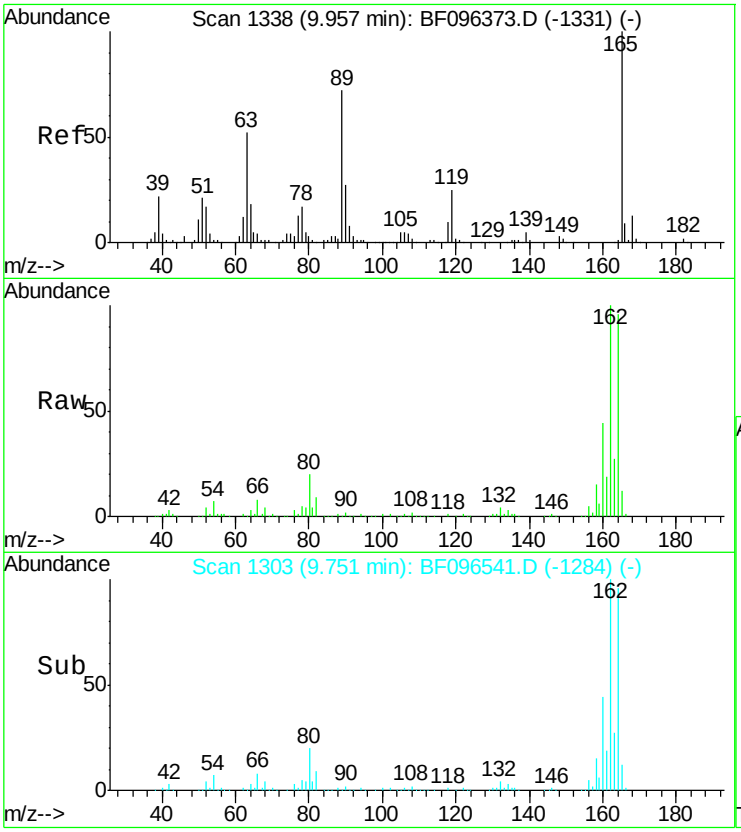


#49
Dimethylphthalate
Concen: 14.73 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:163 Resp: 193740

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.2	8.4	12.6



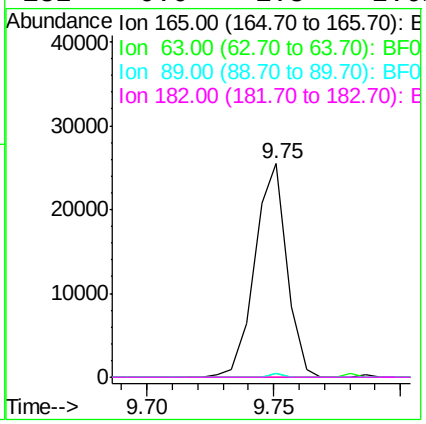


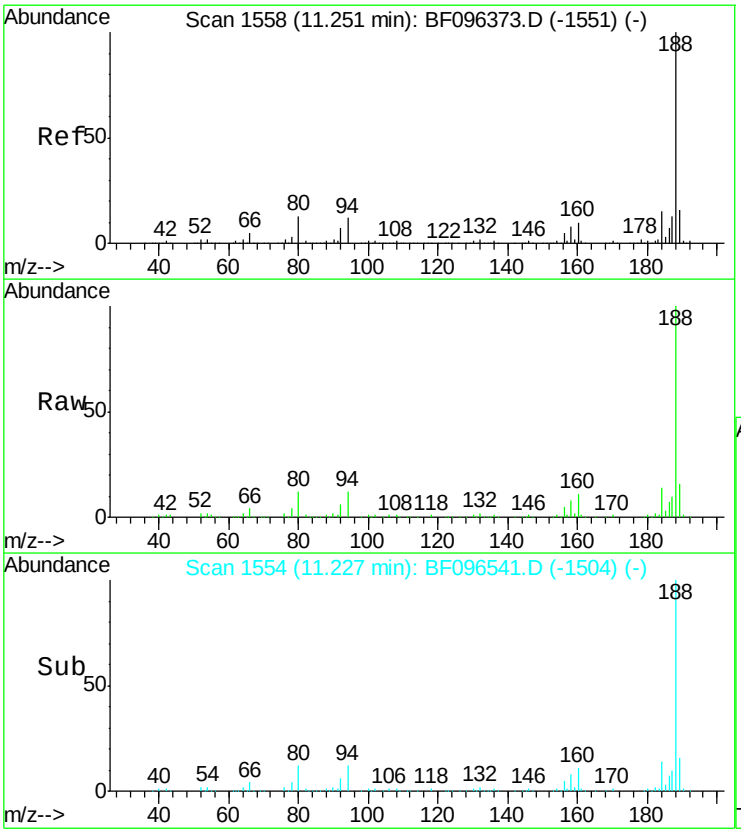
#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22289

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

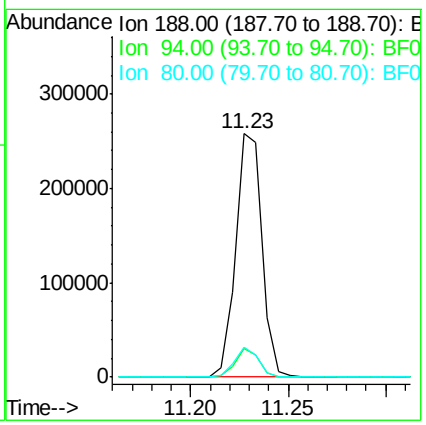


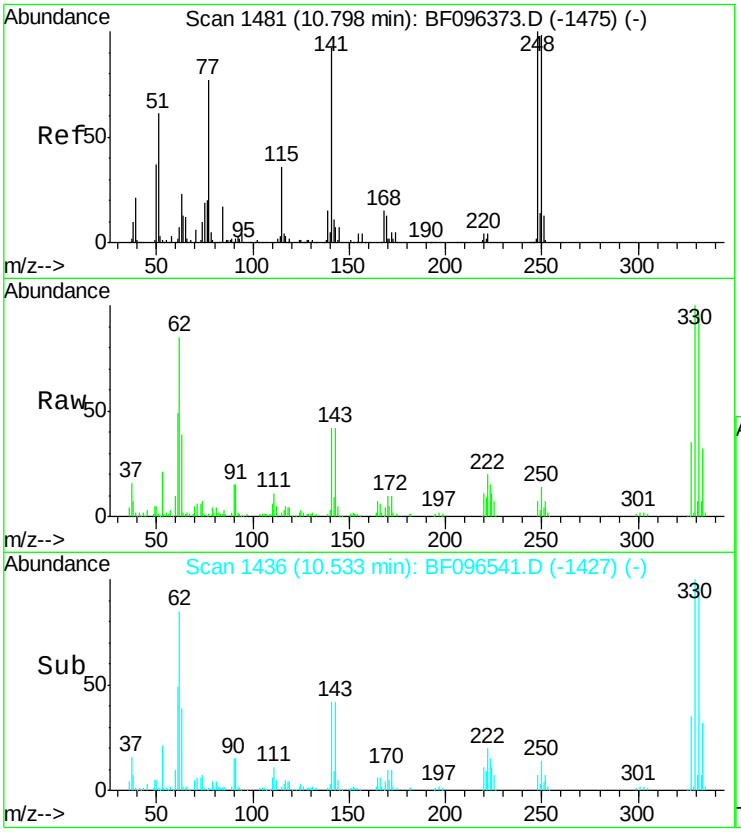


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:188 Resp: 240181

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.0	10.2	15.2



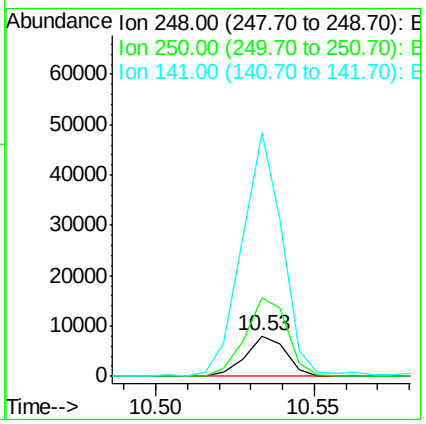


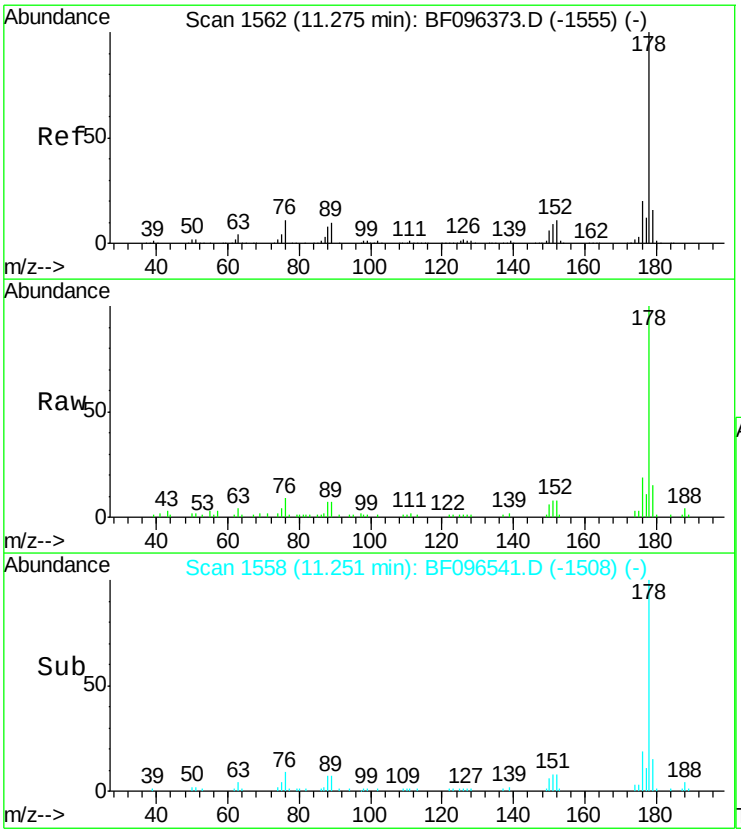
#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7073

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.8	115.2#
141	605.5	68.6	103.0#

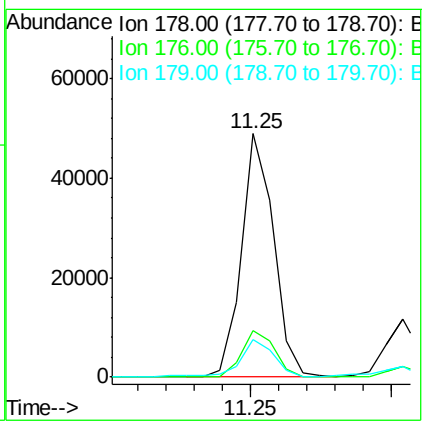


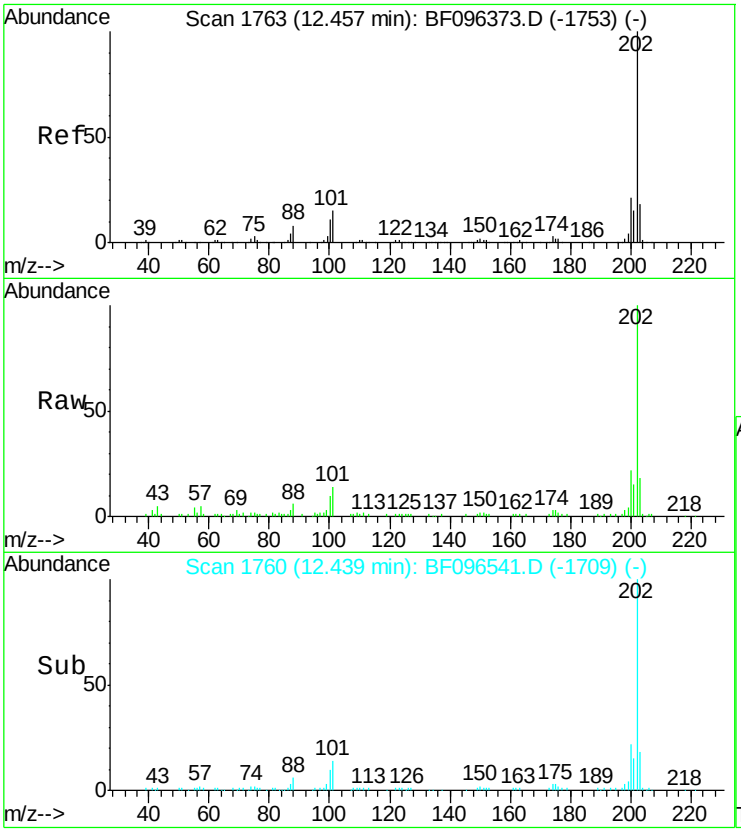


#70
Phenanthrene
Concen: 2.98 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:178 Resp: 38641

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.4	12.6	19.0



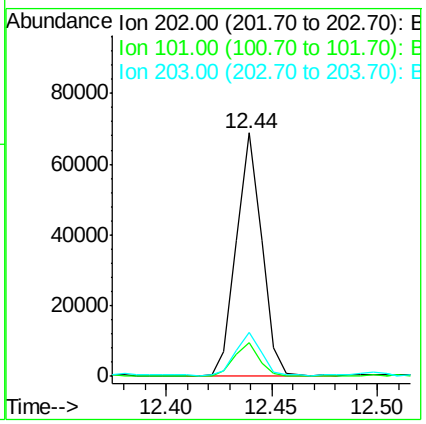


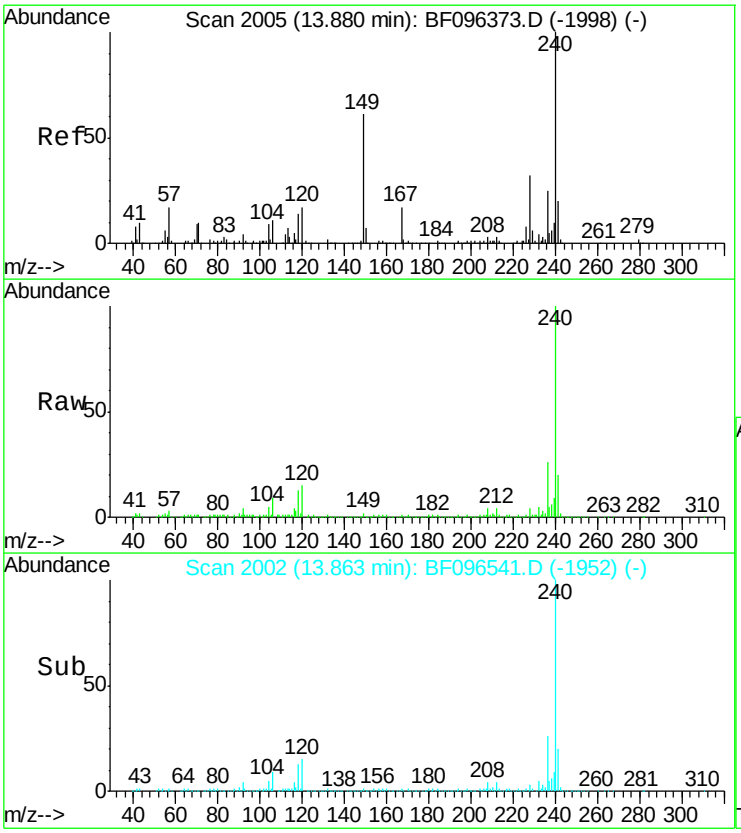
#74
Fluoranthene
Concen: 4.52 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 57507

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1

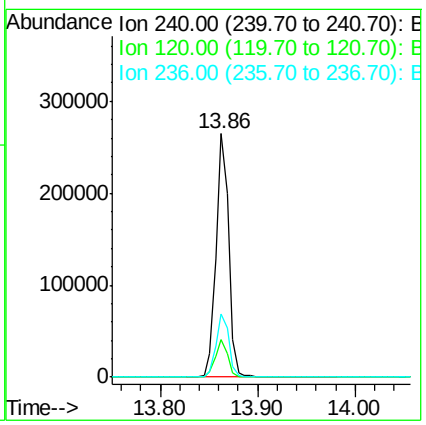


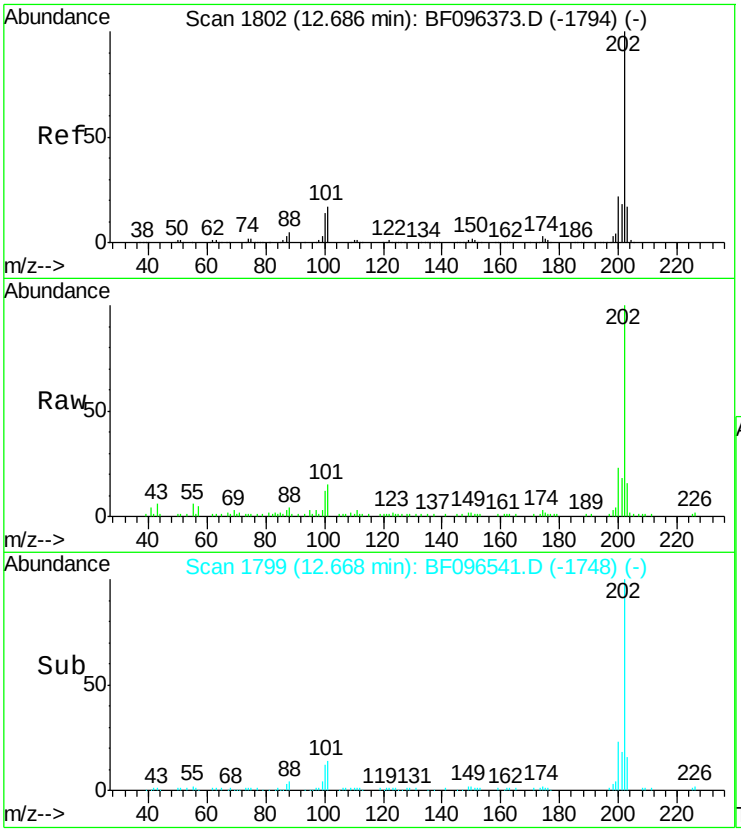


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:240 Resp: 238960

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.8	20.5	30.7



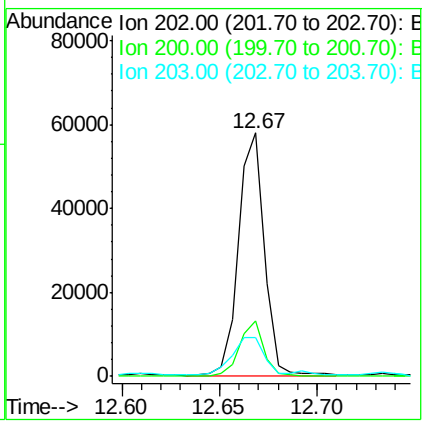


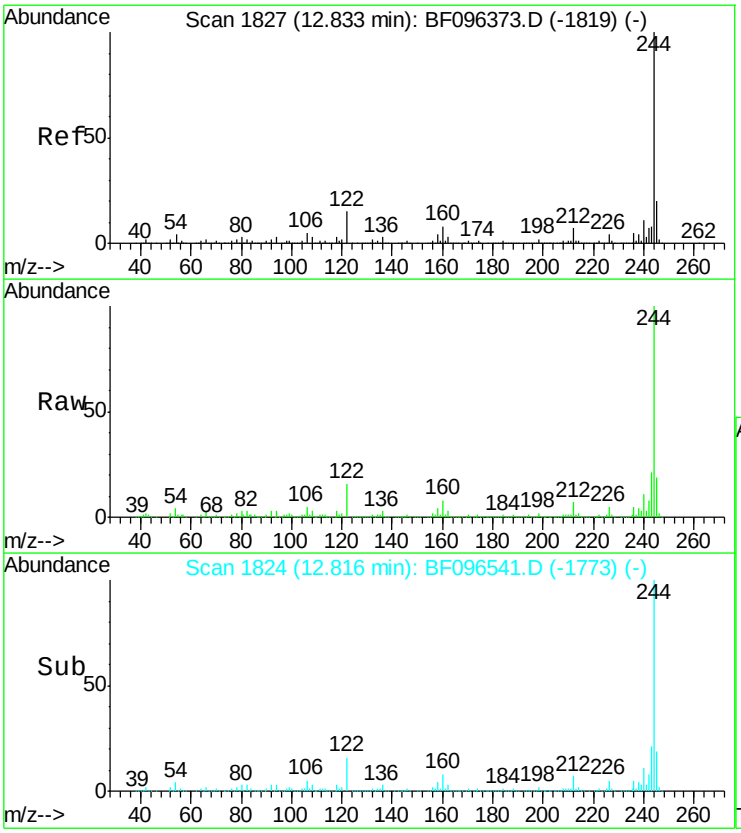
#77
Pyrene
Concen: 2.81 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53822

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.6	26.4
203	16.2	14.4	21.6

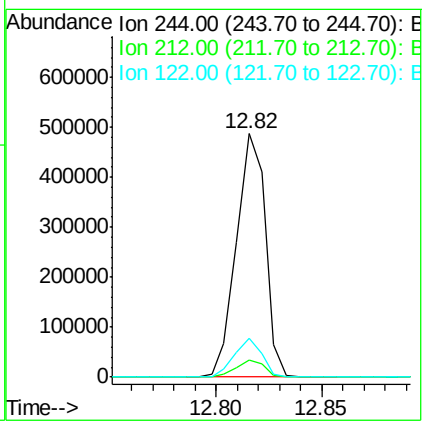


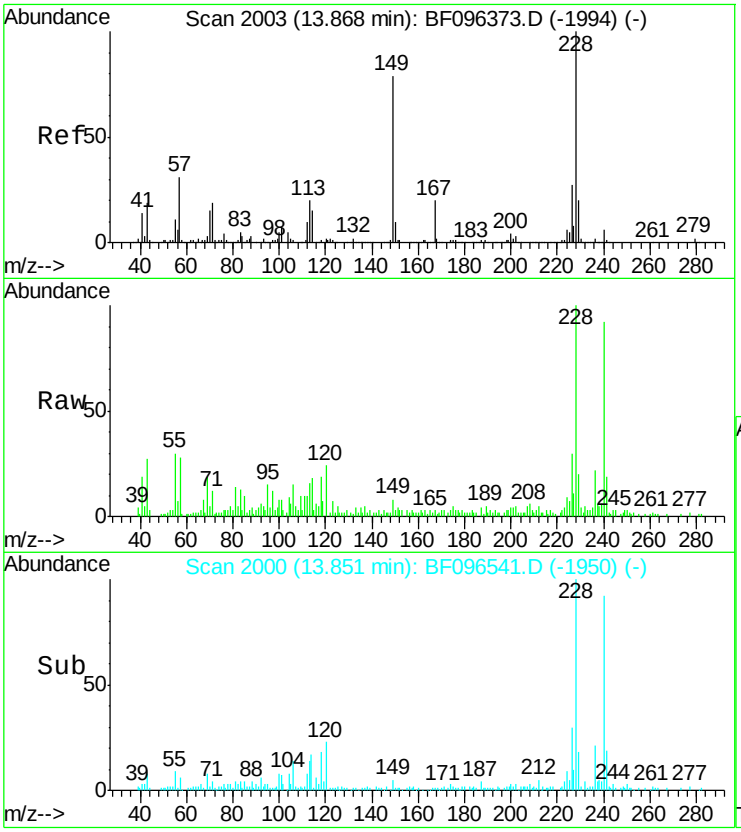


#78
Terphenyl-d14
Concen: 41.45 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:244 Resp: 463522

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	16.1	10.3	15.5#



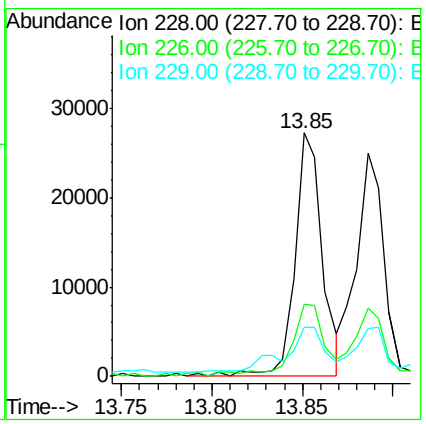


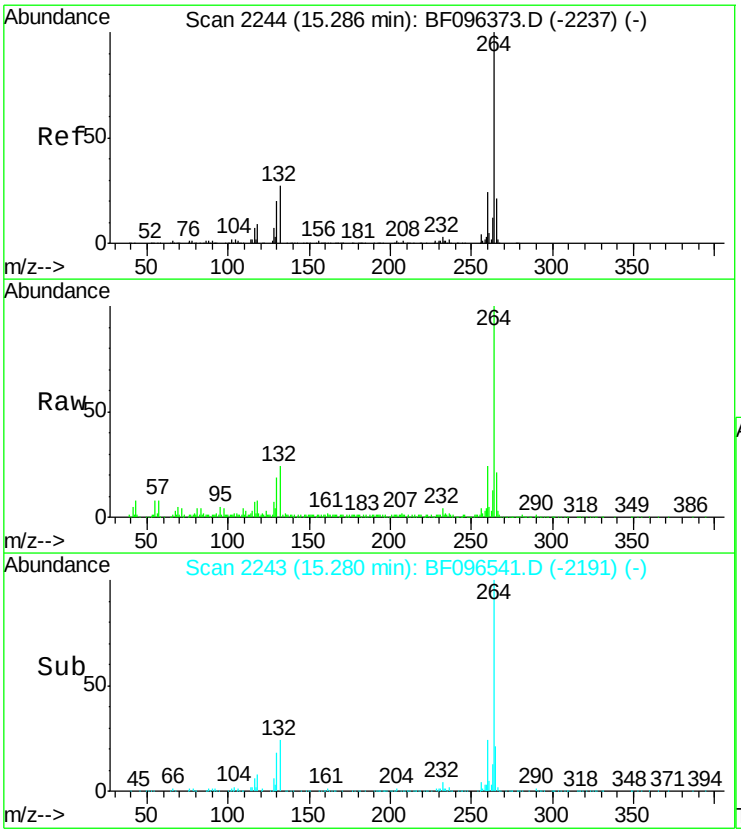
#80
Benzo(a)anthracene
Concen: 2.09 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28919

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.2	16.3	24.5

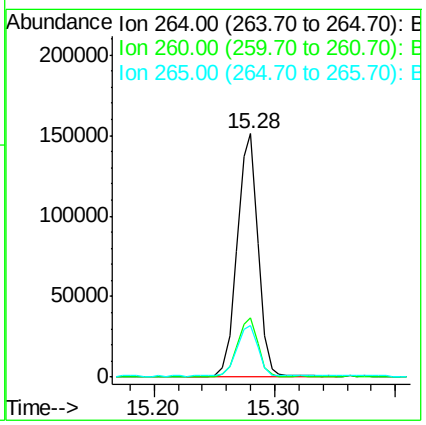


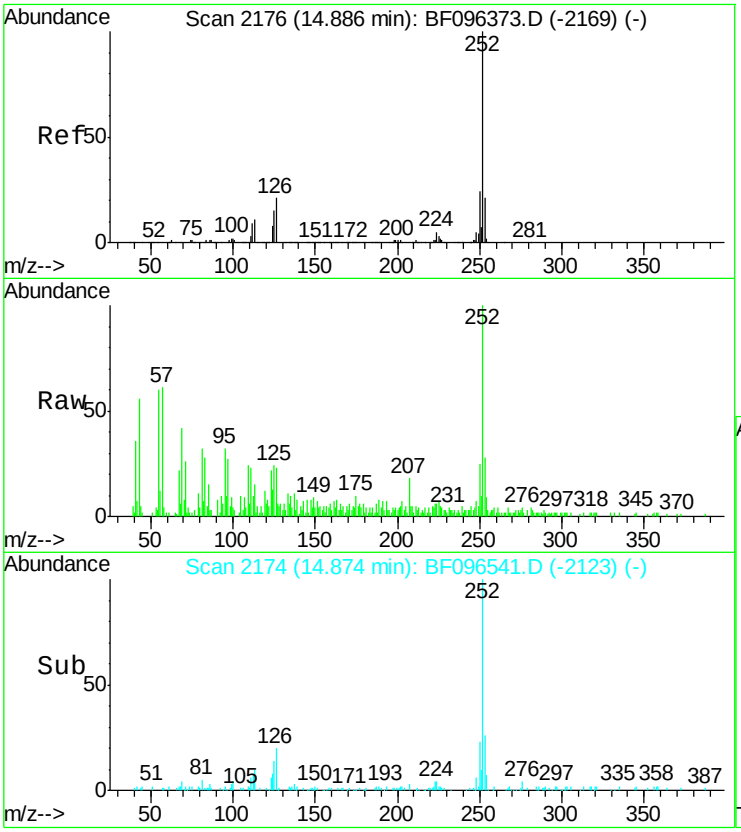


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:264 Resp: 184042

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.4	17.2	25.8



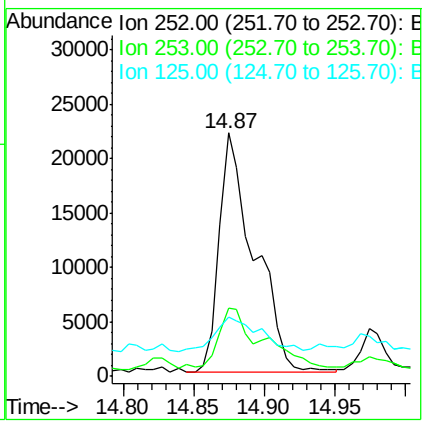


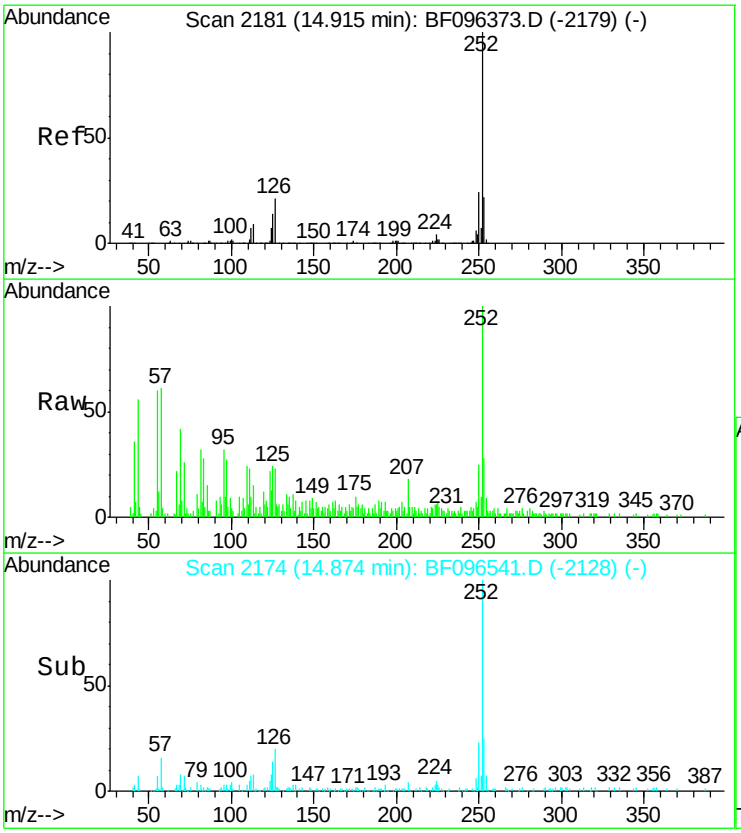
#87
Benzo(b)fluoranthene
Concen: 3.31 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38207

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.1	27.1#
125	24.4	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.70 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF096541.D
Acq: 6 Jul 2017 18:54

Tgt Ion:252 Resp: 38207

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	24.4	13.1	19.7#