Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
Data File : BF096408.D
Acq On : 2 Jul 2017 11:34
Operator : SJ/MA
Sample : I3950-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 04:29:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148659	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	638843	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	296991	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	464083	20.00	ng		0.00
75) Chrysene-d12	13.87	240	373758	20.00	ng		0.00
86) Perylene-d12	15.28	264	249519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1319840	131.04	ng		0.01
7) Phenol-d6	6.37	99	1505451	121.58	ng		0.00
23) Nitrobenzene-d5	7.29	82	946055	88.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	312869	134.87	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1501400	86.44	ng		0.00
78) Terphenyl-d14	12.83	244	1120027	64.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	30499	2.16	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	126782	17.19	ng	#	89
25) Isophorone	7.29	82	935832	45.40	ng	#	67
49) Dimethylphthalate	9.49	163	341209	15.39	ng		98
56) 2,4-Dinitrotoluene	9.76	165	36696	5.91	ng	#	33
66) 4-Bromophenyl-phenylether	10.56	248	20443	4.53	ng	#	1
70) Phenanthrene	11.27	178	63821	2.54	ng		96
74) Fluoranthene	12.45	202	61252	2.49	ng		96

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

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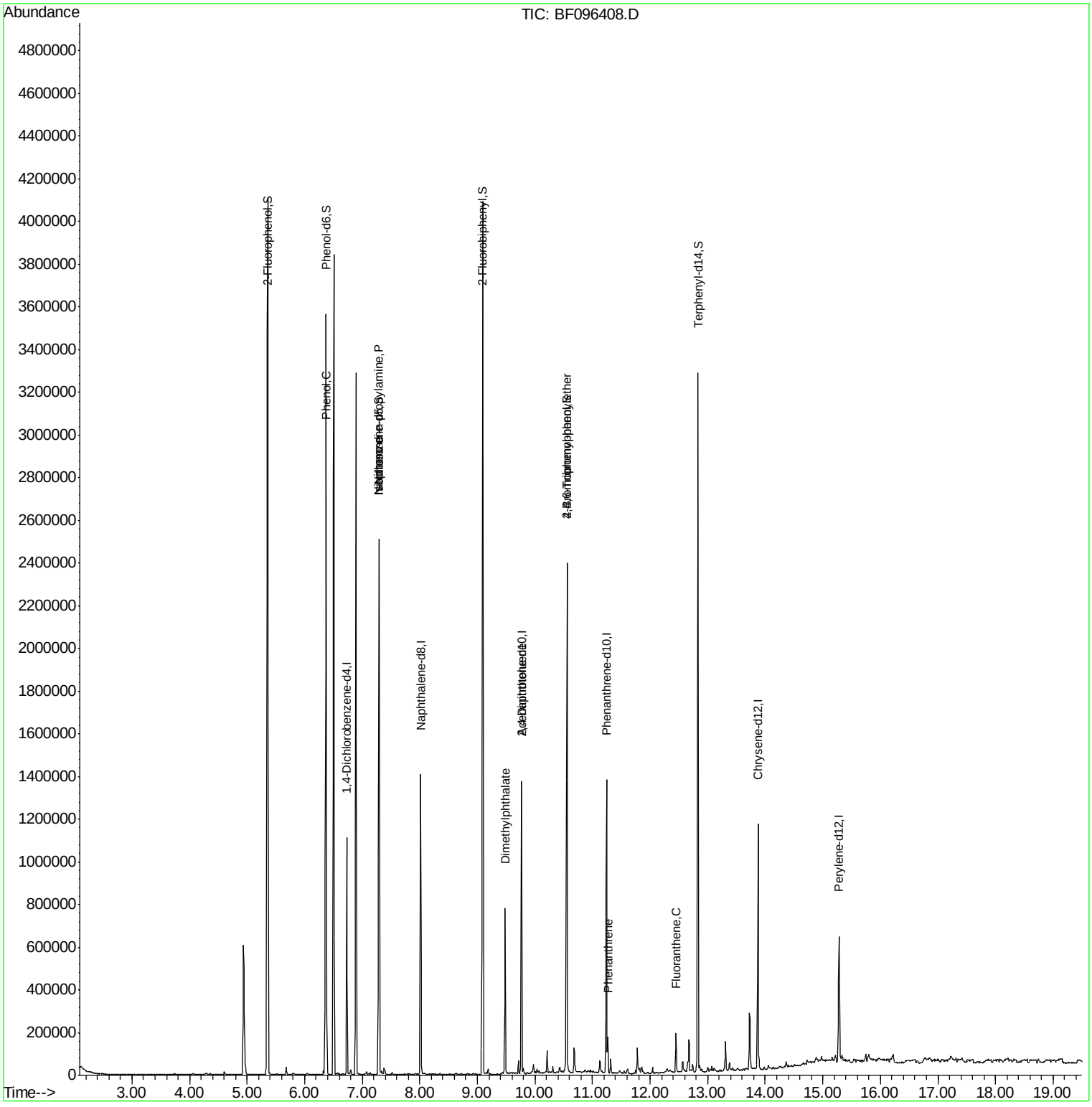
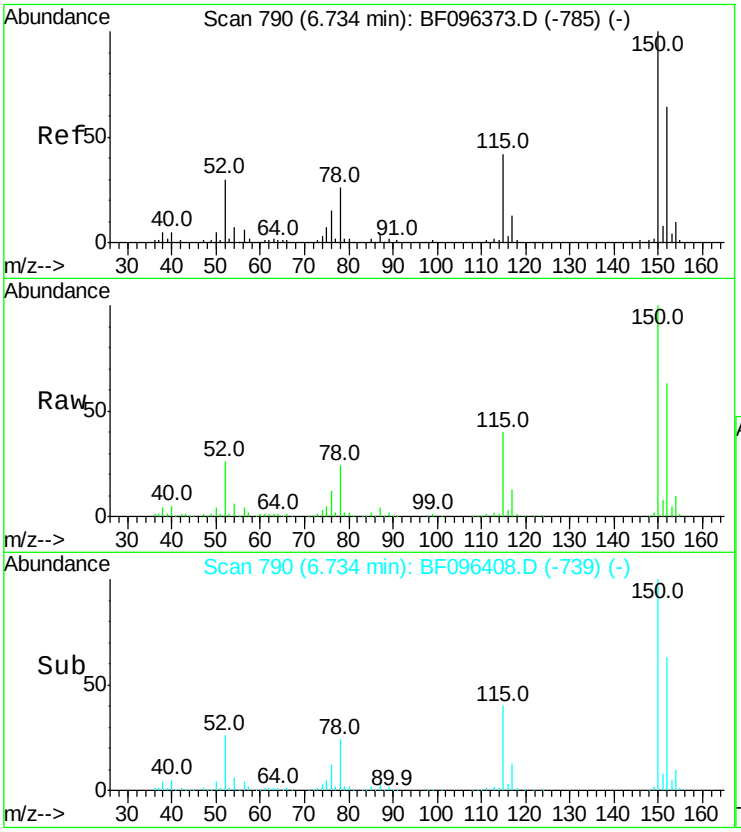


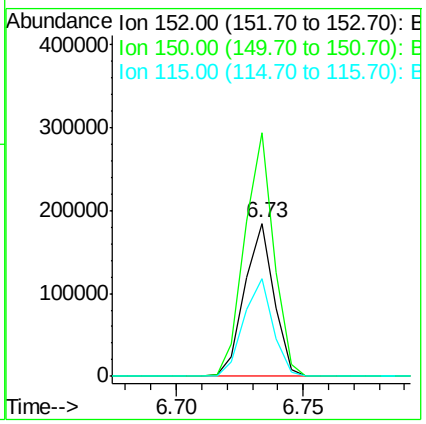


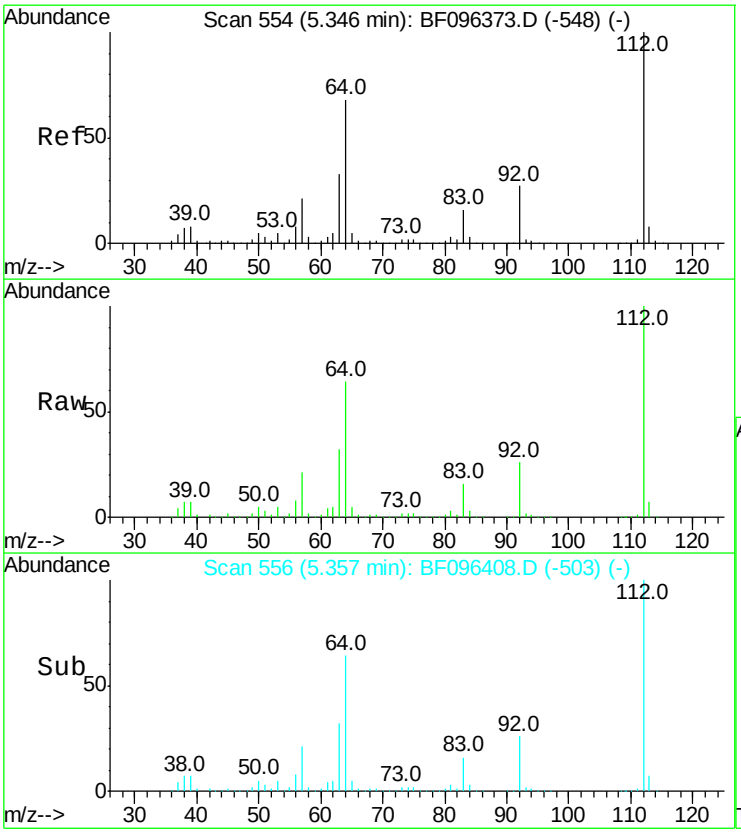
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 148659

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	63.8	52.2	78.2

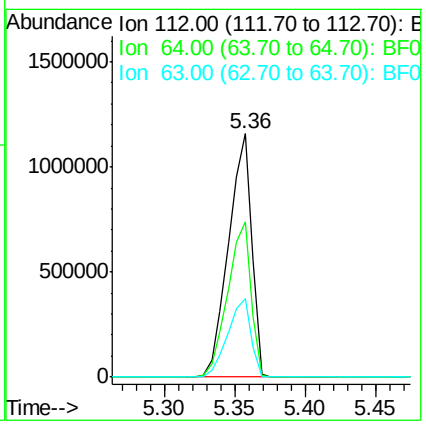


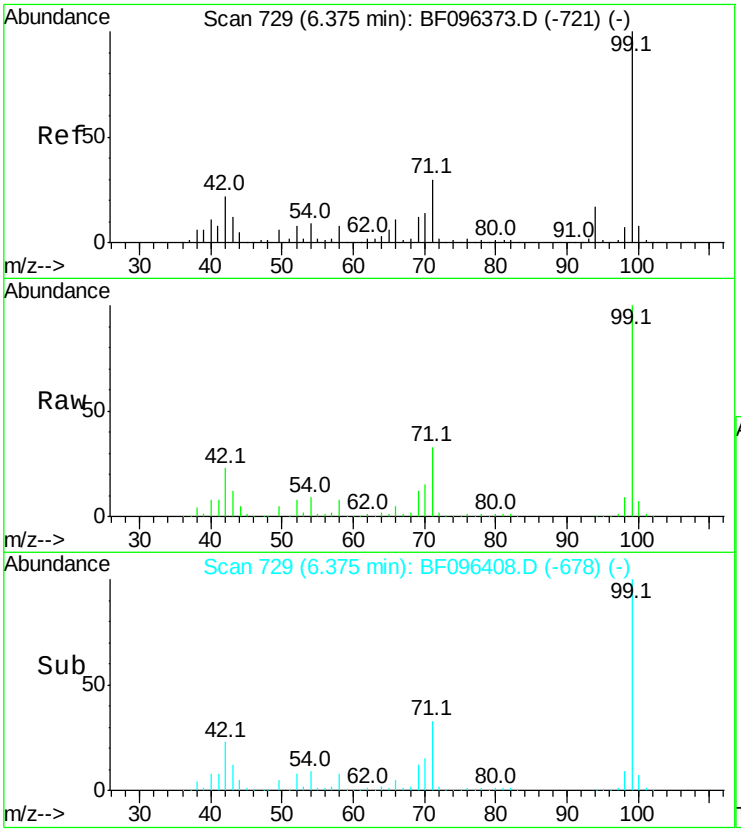


#5
2-Fluorophenol
Concen: 131.04 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:112 Resp: 1319840

Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	32.4	23.4	35.0



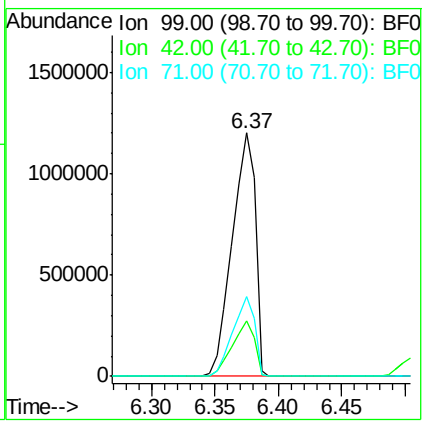


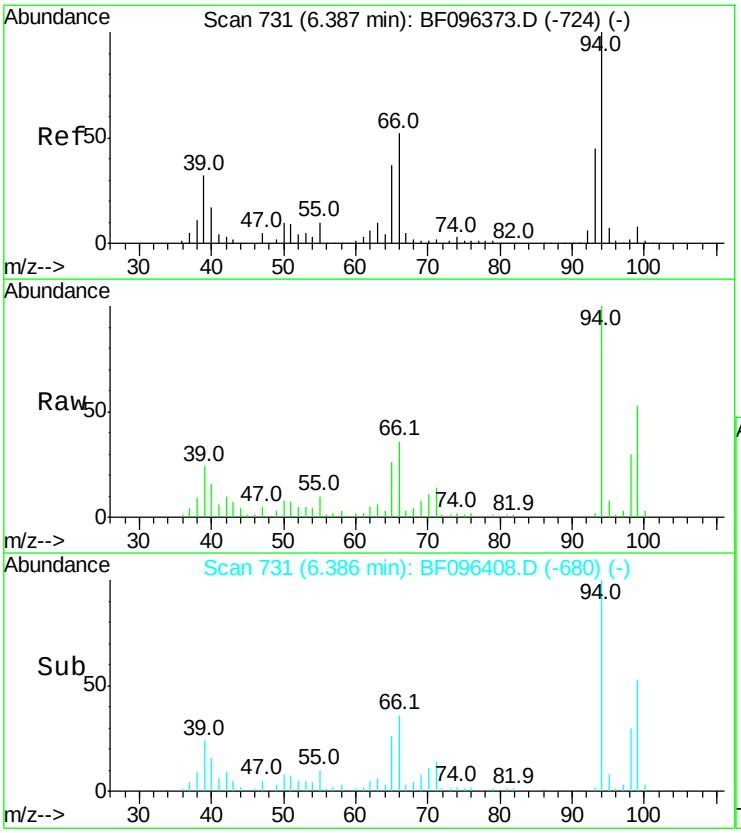
#7
Phenol-d6
Concen: 121.58 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1505451

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.5	24.5	36.7

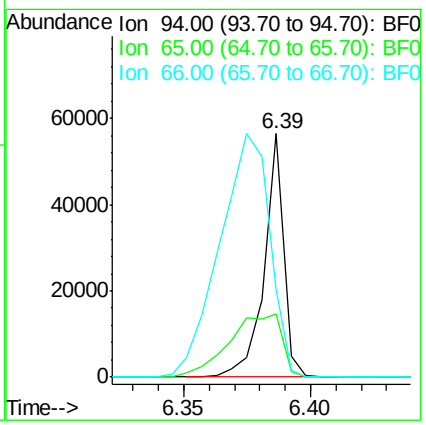


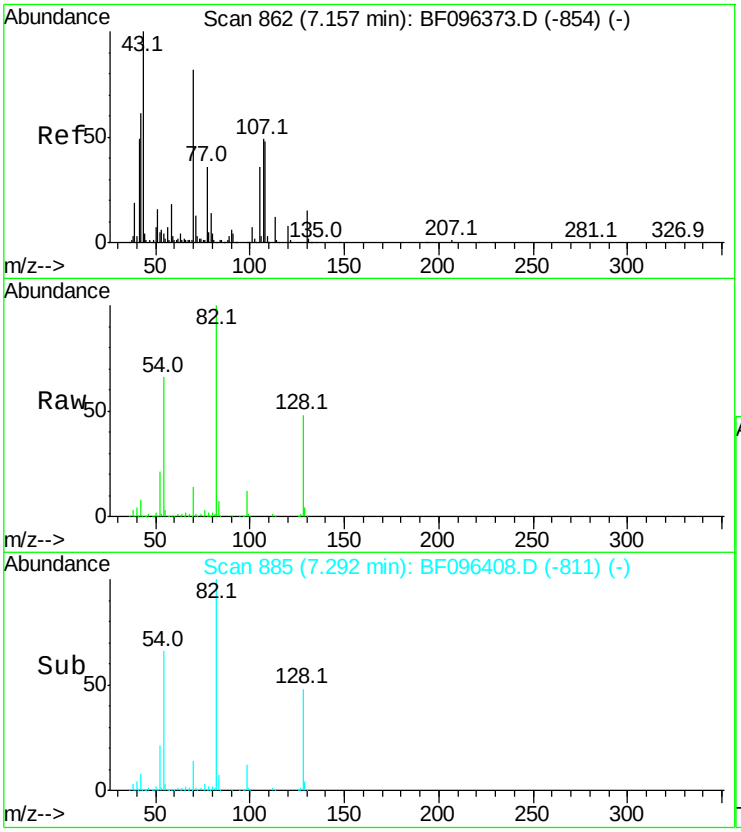


#10
Phenol
Concen: 2.16 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion: 94 Resp: 30499

Ion	Ratio	Lower	Upper
94	100		
65	26.1	9.9	49.9
66	35.7	23.1	63.1



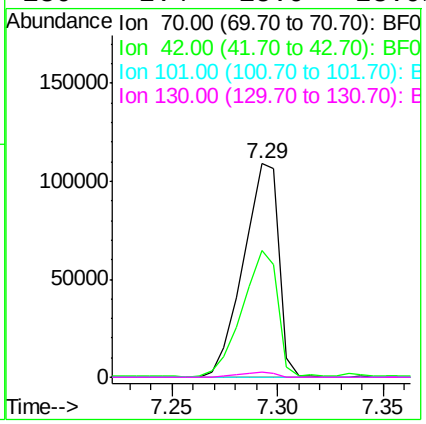


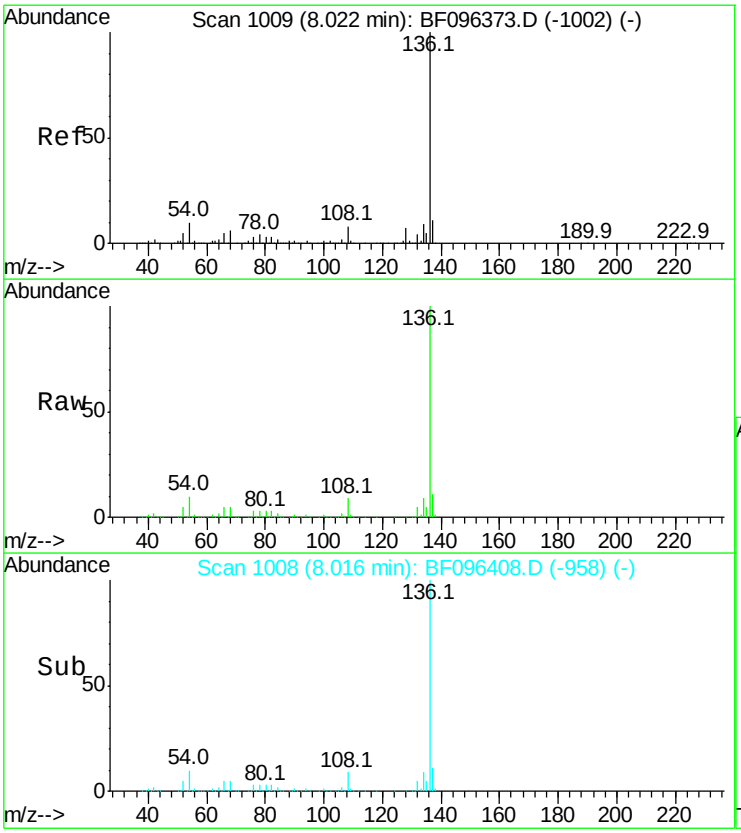
#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 126782

Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

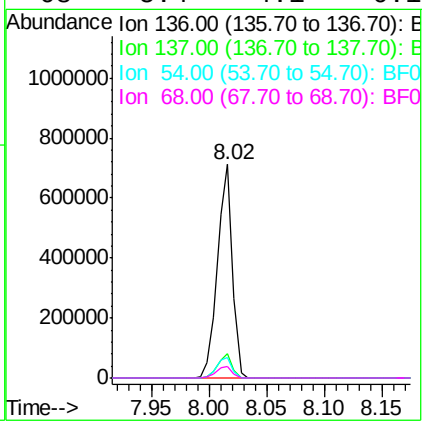


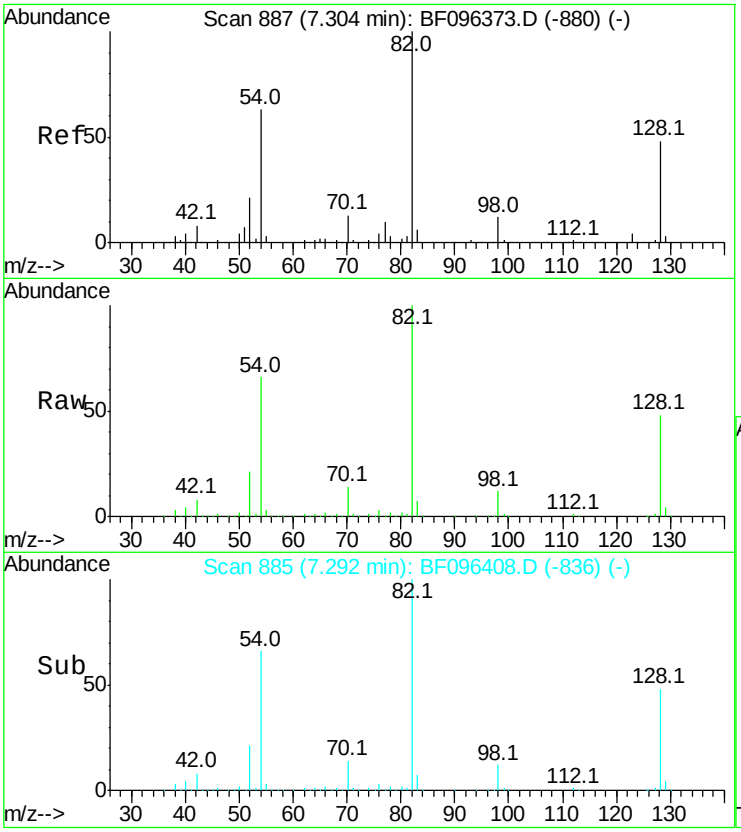


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:136 Resp: 638843

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.7	4.9	7.3#
68	5.4	4.1	6.1



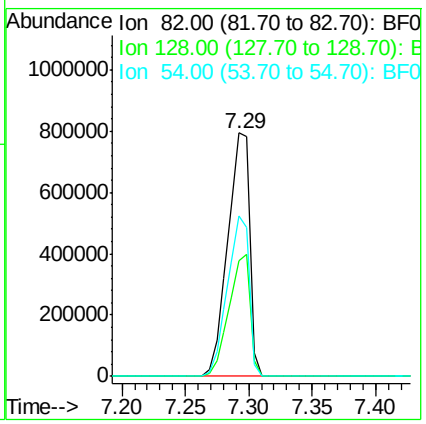


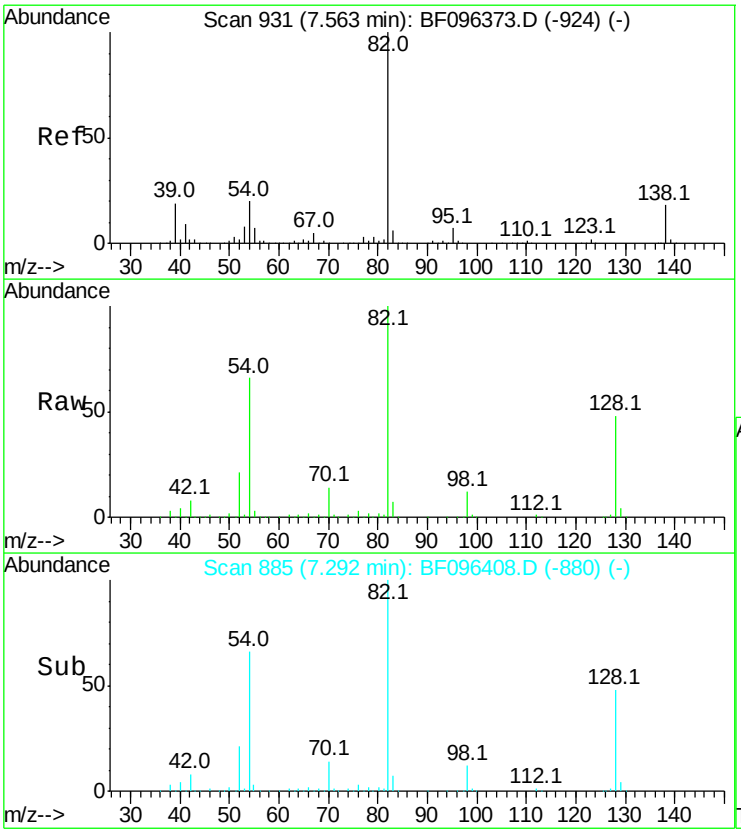
#23
Nitrobenzene-d5
Concen: 88.99 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 946055

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	65.9	42.2	63.2#

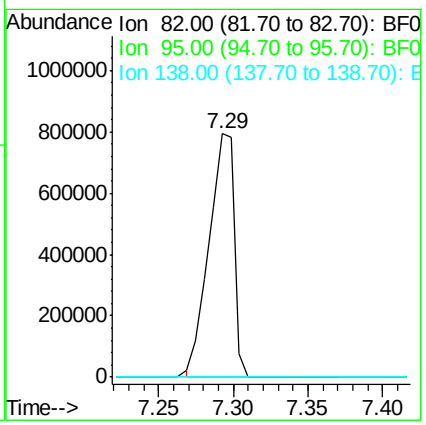


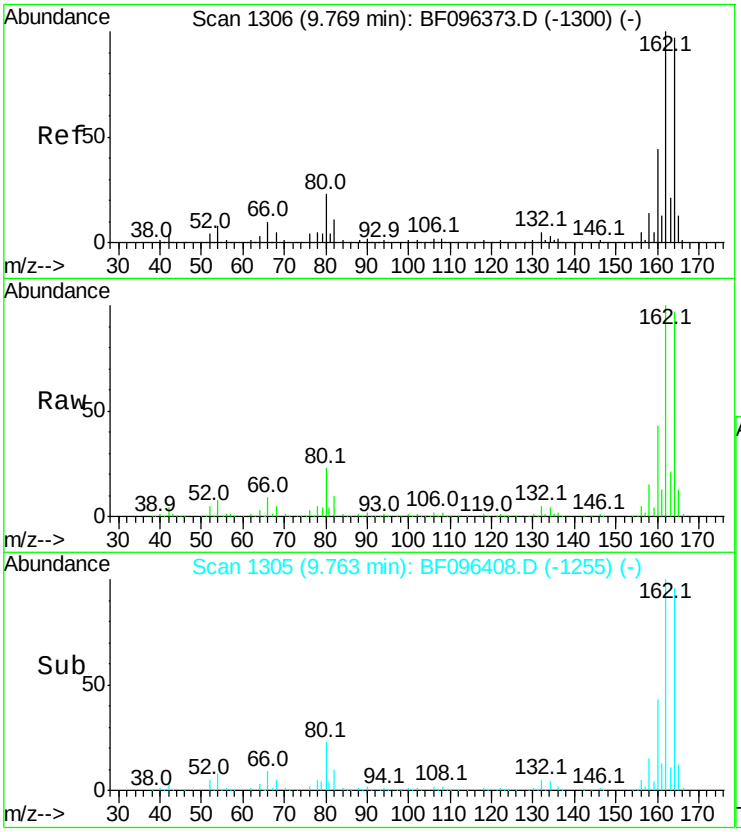


#25
Isophorone
Concen: 45.40 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion: 82 Resp: 935832

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



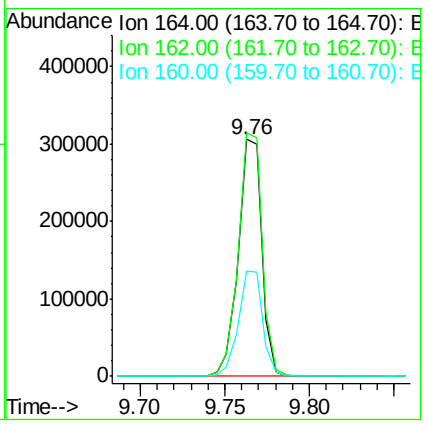


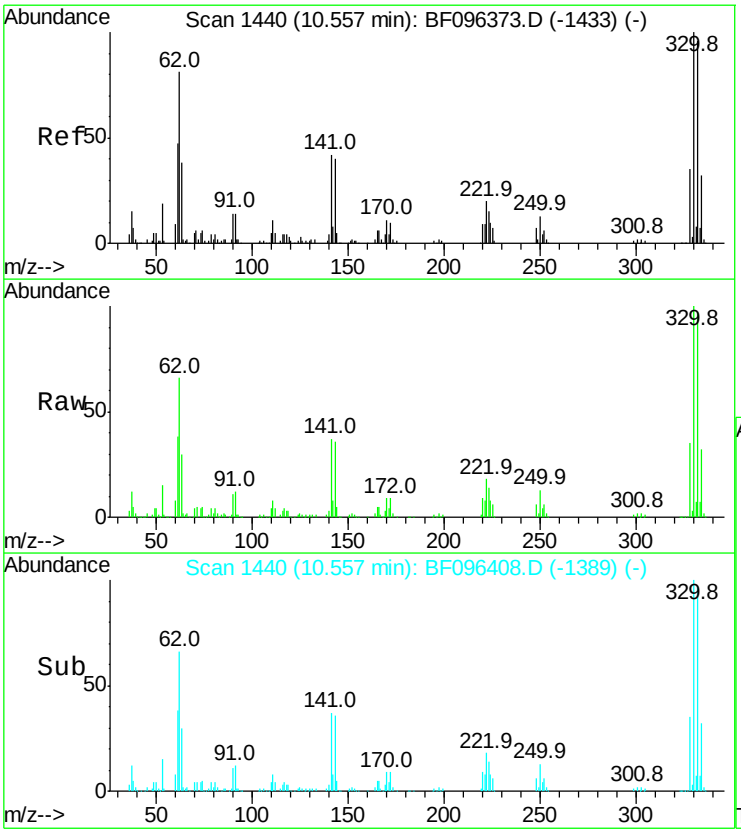
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 296991

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.5	36.2	54.2

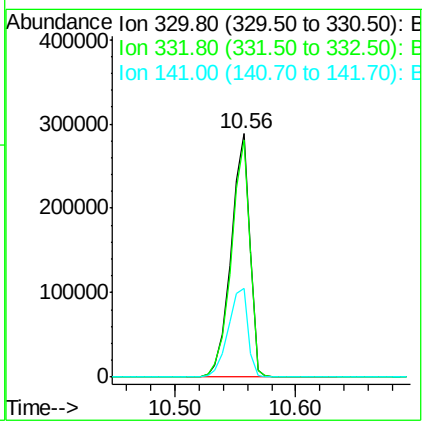


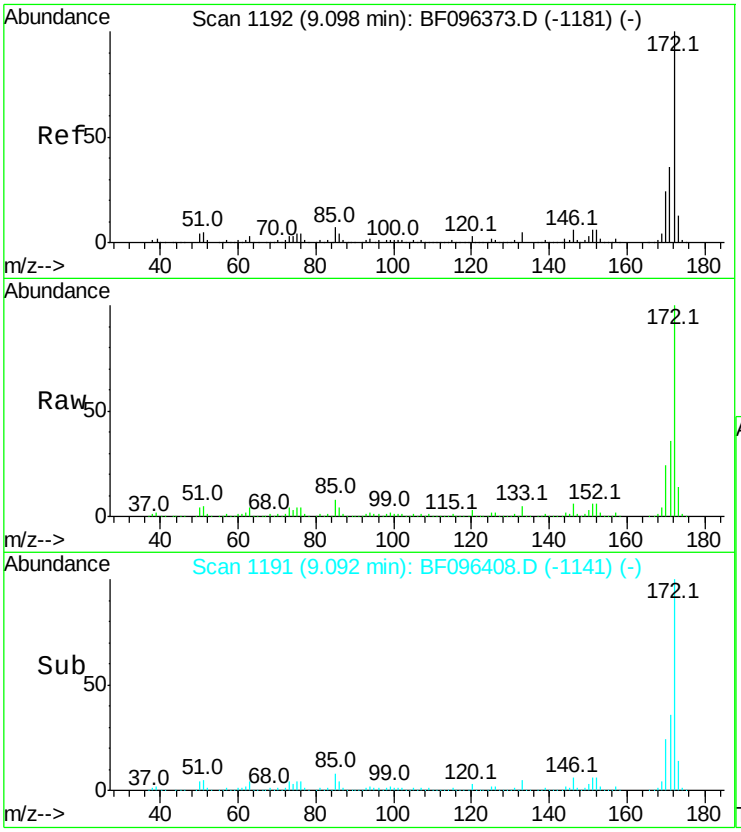


#41
2,4,6-Tribromophenol
Concen: 134.87 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:330 Resp: 312869

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	38.5	31.4	47.2

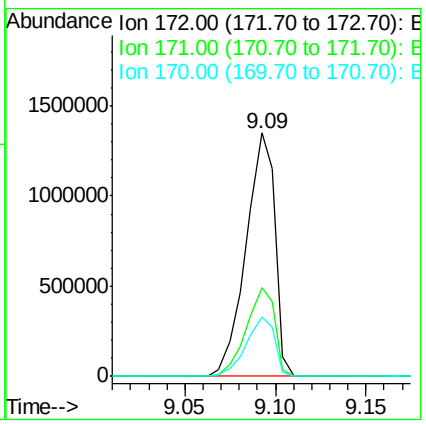




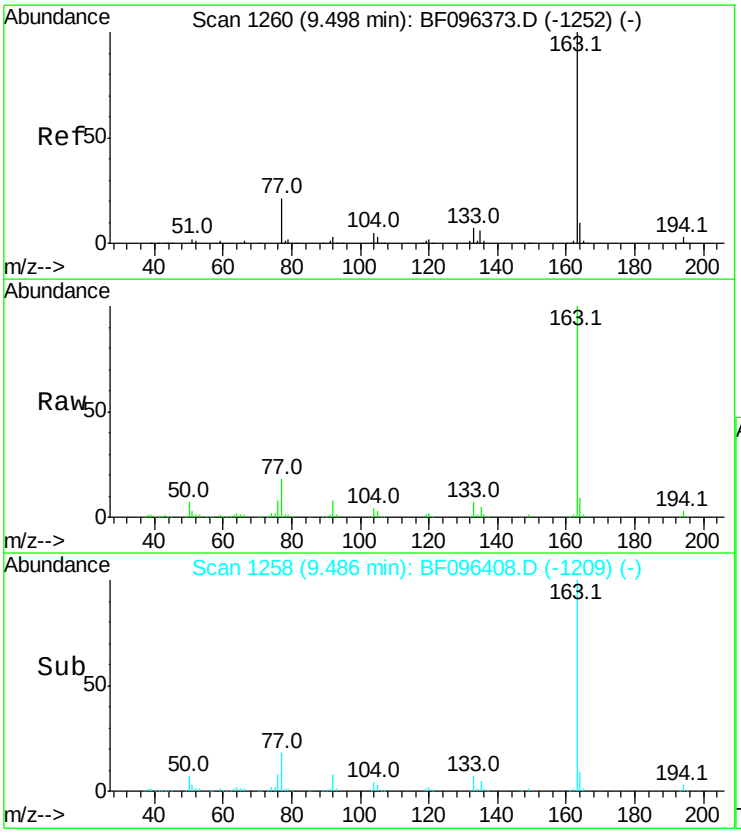
#44
2-Fluorobiphenyl
Concen: 86.44 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:172 Resp: 1501400

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8



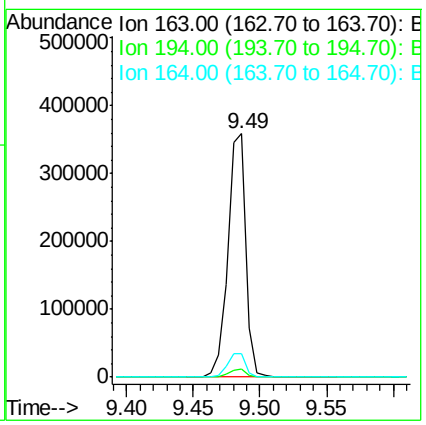
Instrument :
BNA_F
ClientSampleId :

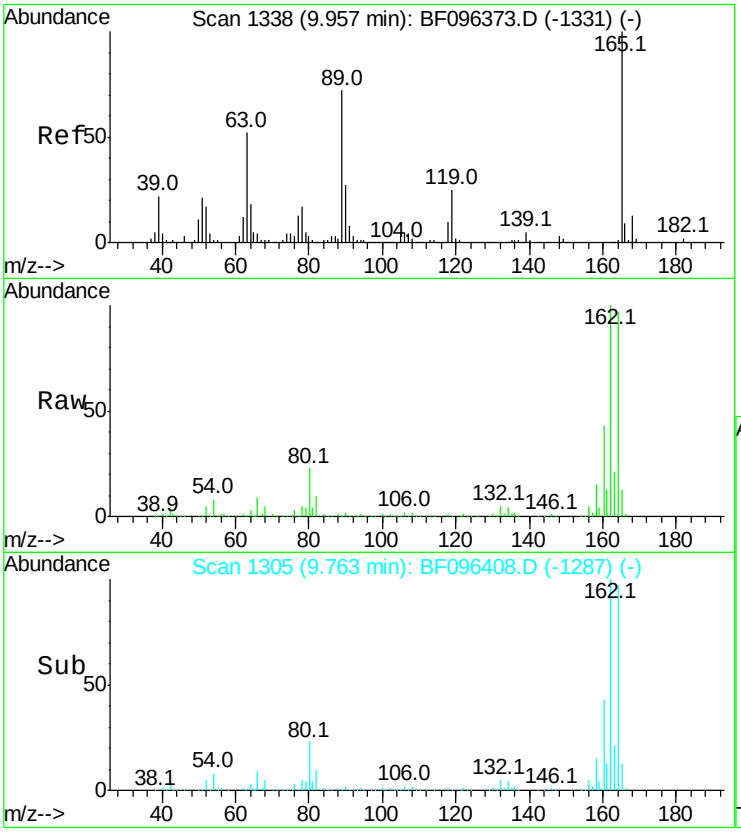


#49
Dimethylphthalate
Concen: 15.39 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:163 Resp: 341209

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.5	8.4	12.6



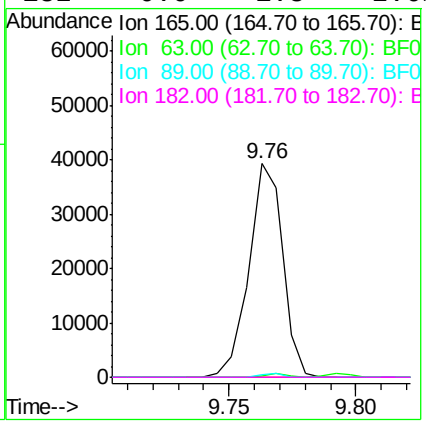


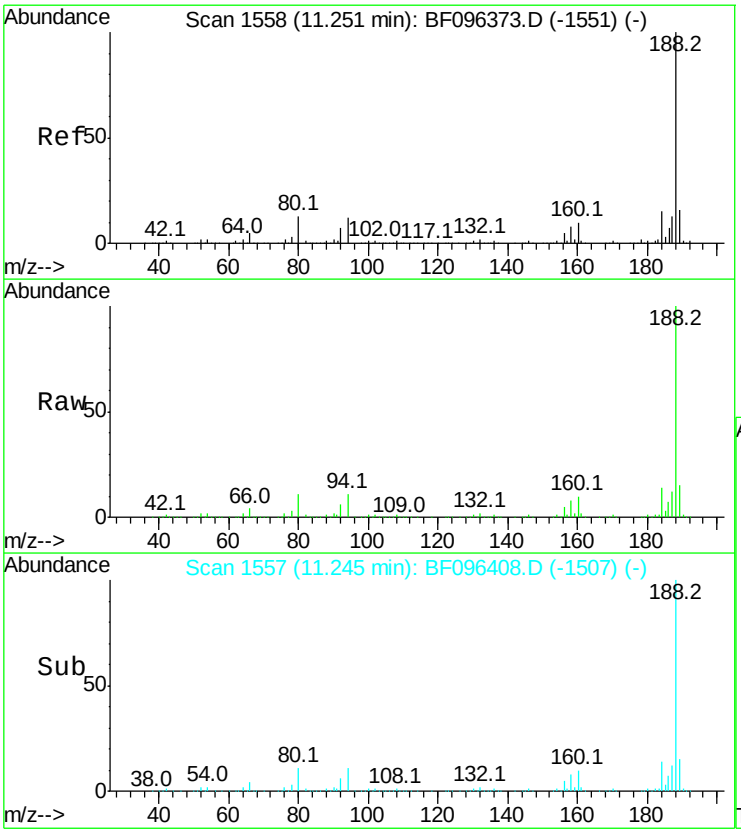
#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36696

Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

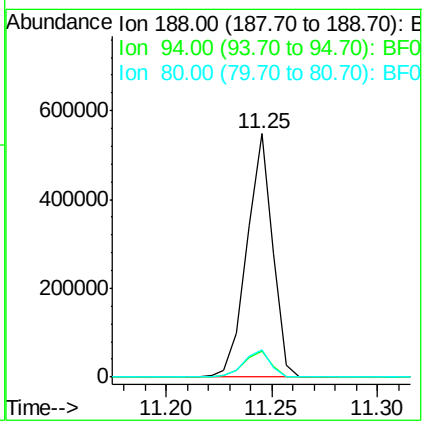


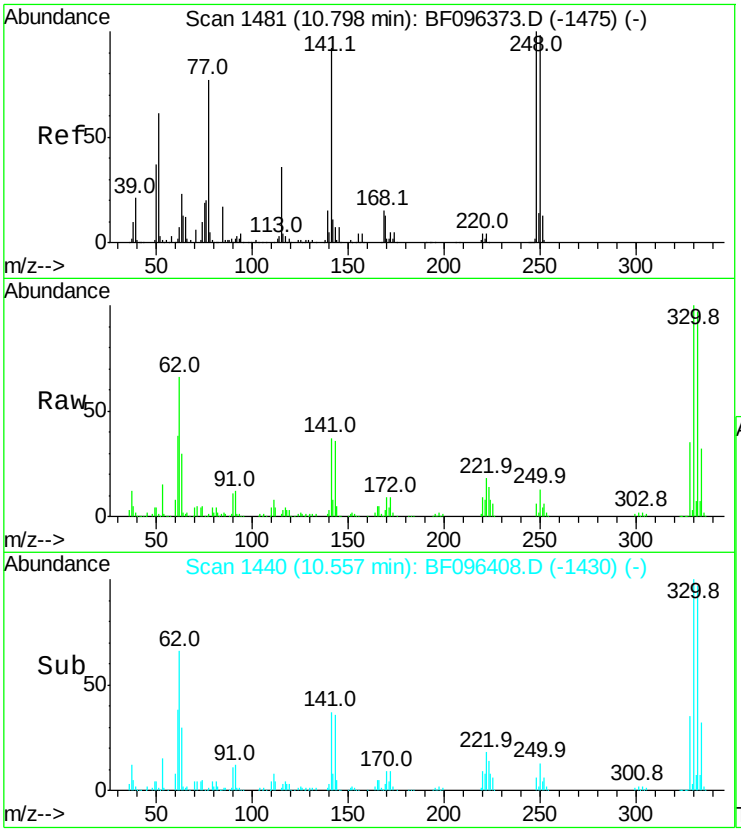


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:188 Resp: 464083

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.1	10.2	15.2



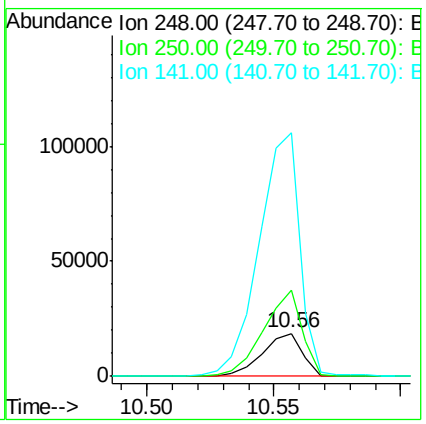


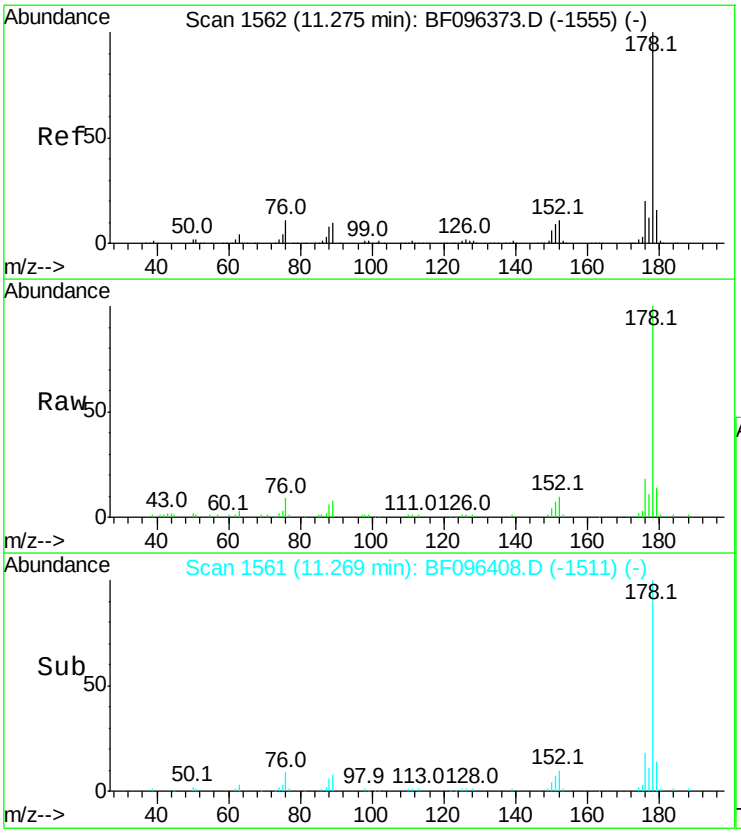
#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20443

Ion	Ratio	Lower	Upper
248	100		
250	200.9	76.8	115.2#
141	568.1	68.6	103.0#

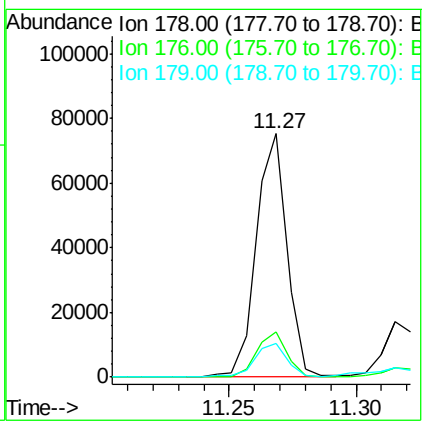


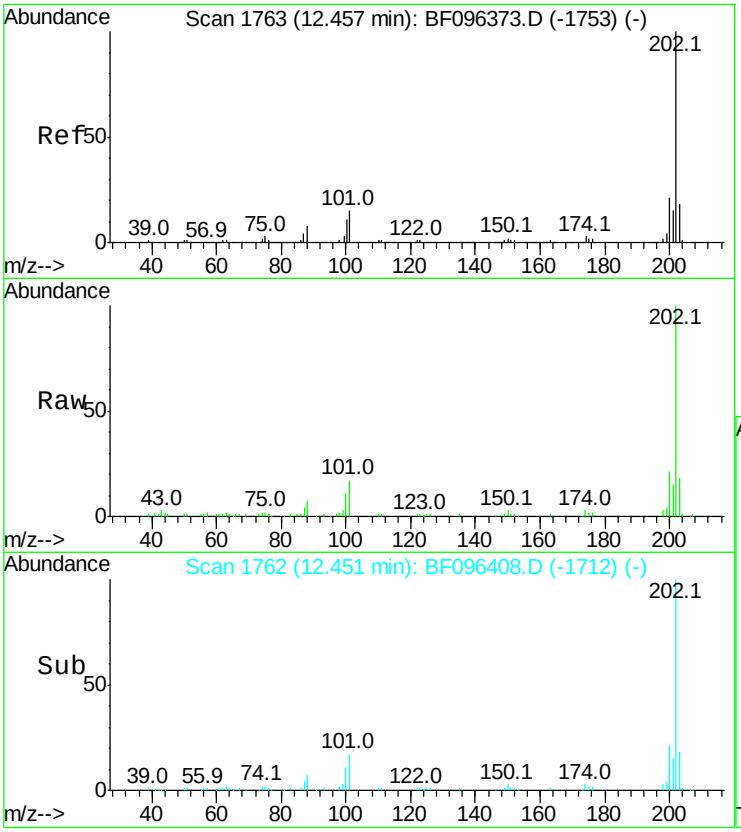


#70
Phenanthrene
Concen: 2.54 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:178 Resp: 63821

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.0	12.6	19.0



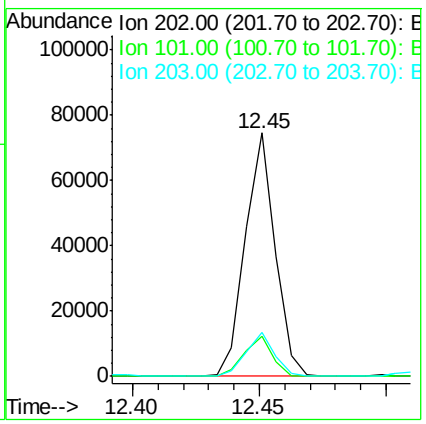


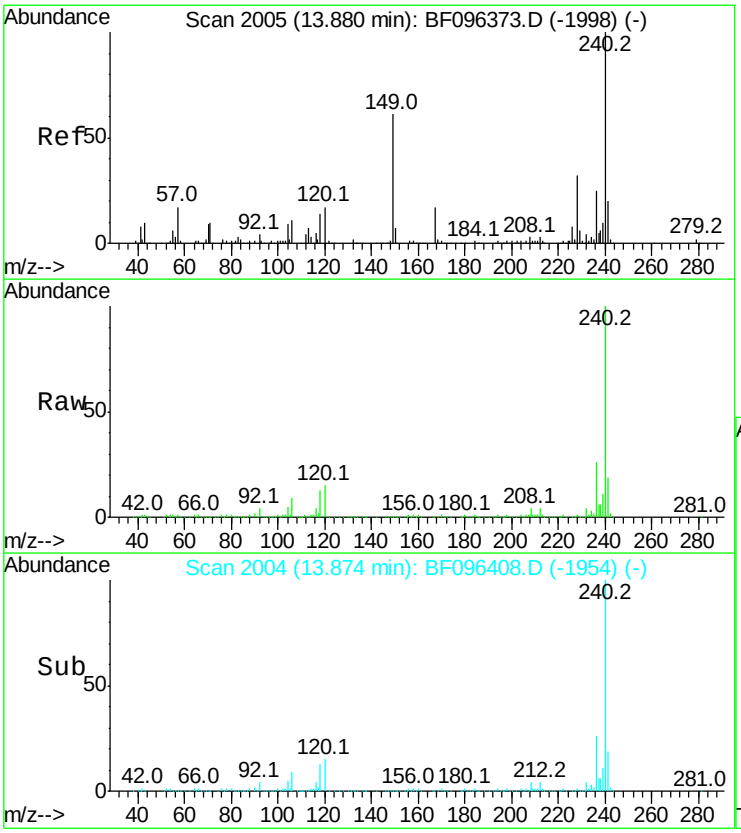
#74
Fluoranthene
Concen: 2.49 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 61252

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	33.2
203	17.8	0.0	38.1

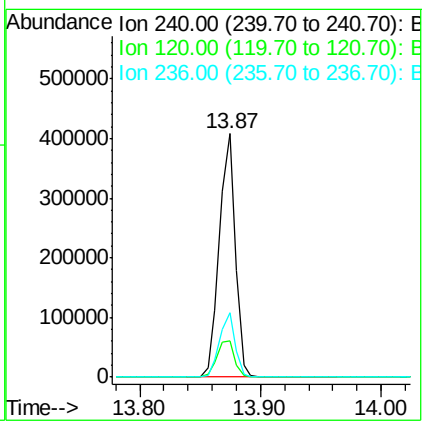


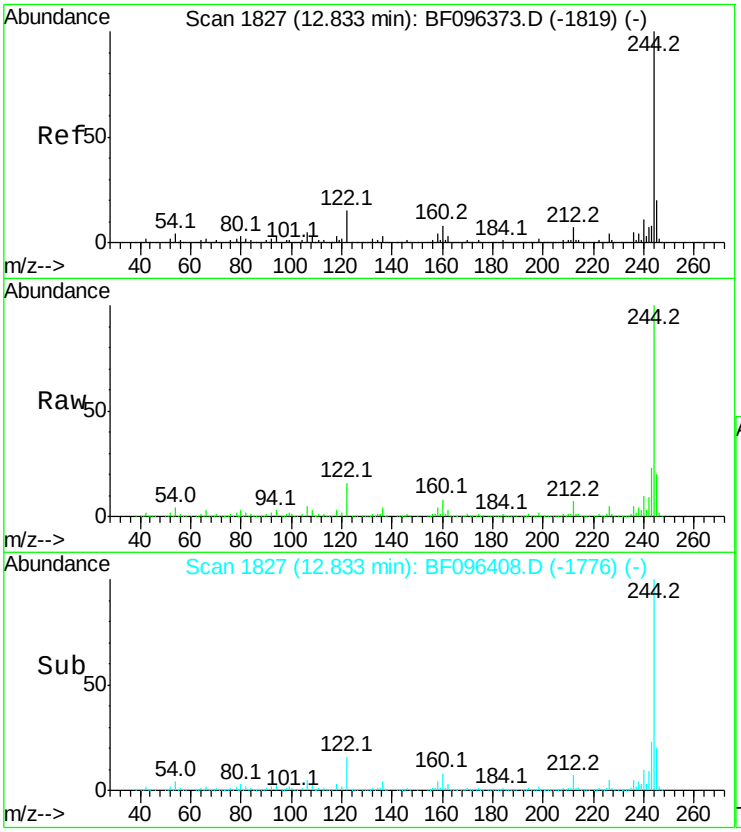


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:240 Resp: 373758

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.3	20.5	30.7



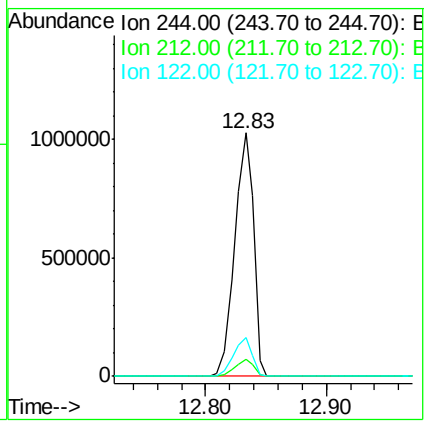


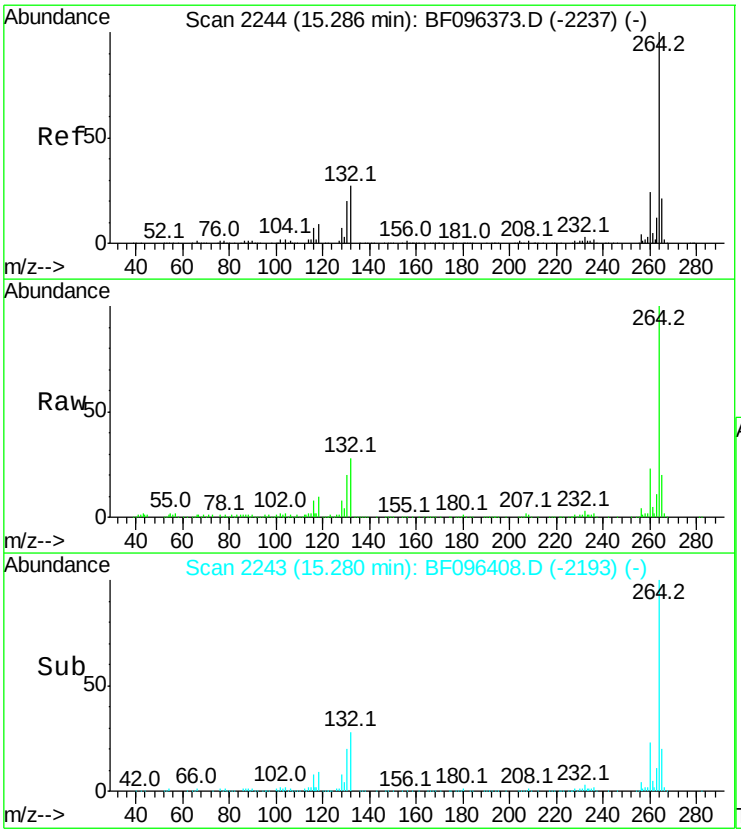
#78
Terphenyl-d14
Concen: 64.03 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1120027

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.9	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:264 Resp: 249519

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.2	17.2	25.8