Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096348.D
Acq On : 30 Jun 2017 20:48
Operator : SJ/MA
Sample : I3959-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 23:16:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	155330	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	636594	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	238811	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	326997	20.00	ng		-0.01
75) Chrysene-d12	13.90	240	315549	20.00	ng		-0.01
86) Perylene-d12	15.32	264	245376	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	210066	19.48	ng		-0.02
7) Phenol-d6	6.38	99	265043	20.30	ng		-0.01
23) Nitrobenzene-d5	7.31	82	138798	15.09	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	42955	22.86	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	247566	18.98	ng		-0.03
78) Terphenyl-d14	12.86	244	150107	11.87	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	206	Below Cal		#	77
19) n-Nitroso-di-n-propylamine	7.31	70	18028	2.30	ng	#	86
25) Isophorone	7.31	82	138797	6.65	ng	#	67
32) Benzoic acid	7.73	122	6110	9.53	ng		97
49) Dimethylphthalate	9.51	163	44409	2.60	ng	#	97
50) 2,6-Dinitrotoluene	9.79	165	30119	8.47	ng	#	33
56) 2,4-Dinitrotoluene	9.79	165	30119	6.72	ng	#	33
57) Fluorene	10.34	166	5242	Below Cal		#	93
70) Phenanthrene	11.29	178	36869	Below Cal			98
74) Fluoranthene	12.48	202	56429	3.11	ng		96
77) Pyrene	12.71	202	52653	2.03	ng		94
87) Benzo(b)fluoranthene	14.92	252	37738	2.34	ng	#	69
88) Benzo(k)fluoranthene	14.92	252	37738	2.56	ng	#	70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096348.D
Acq On : 30 Jun 2017 20:48
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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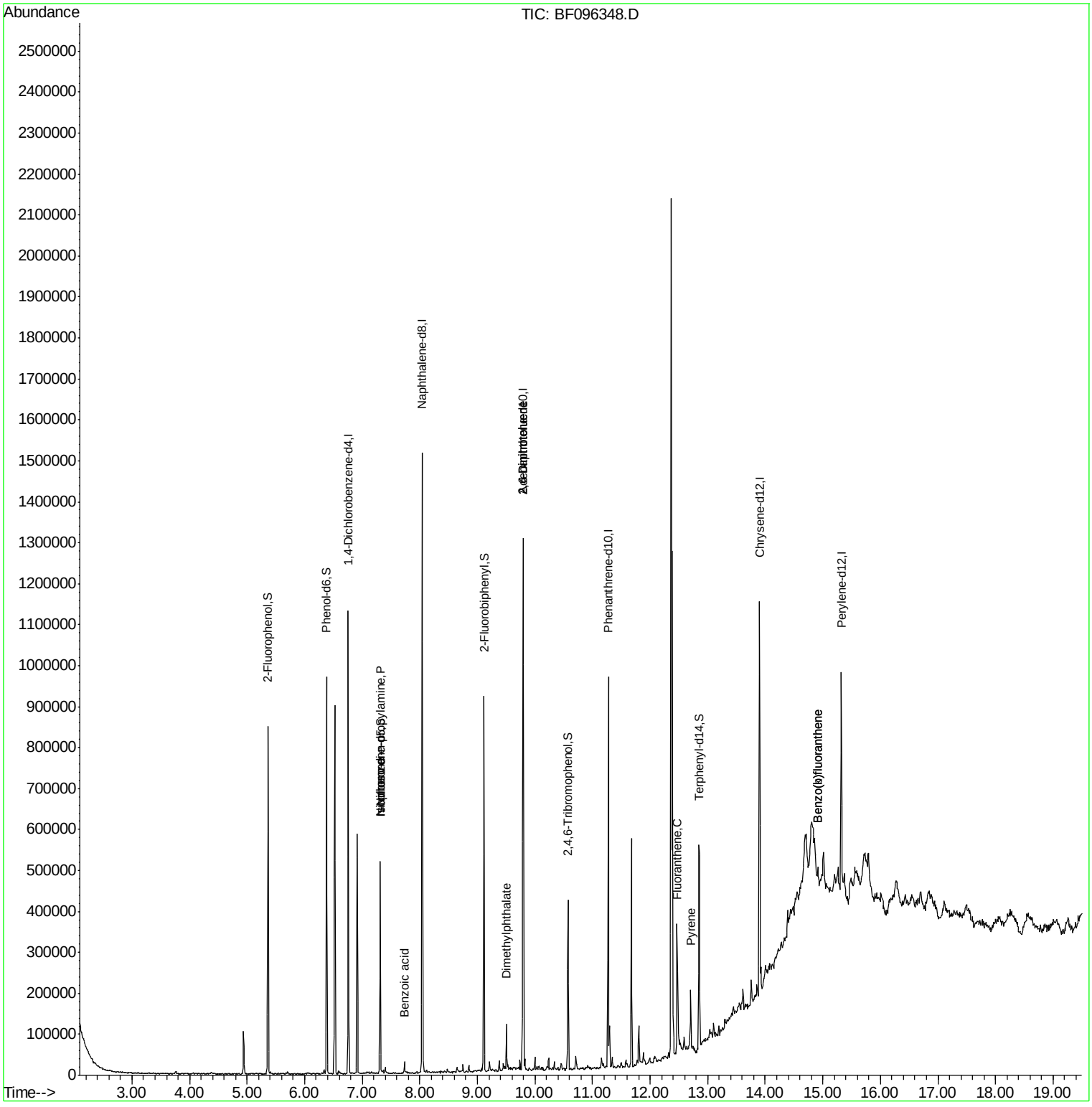
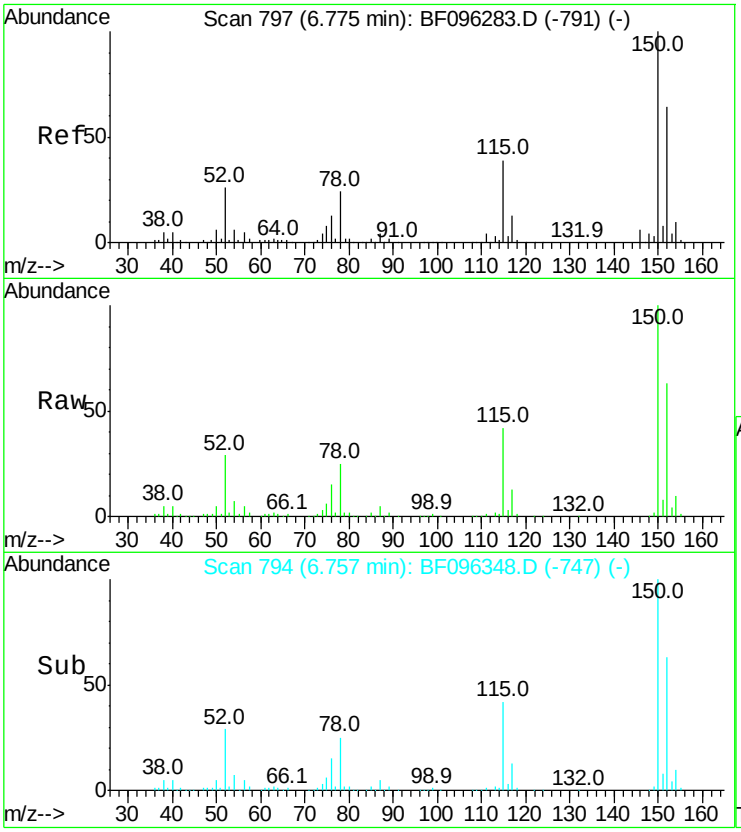


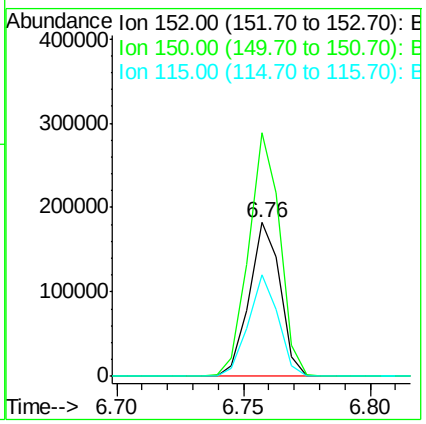


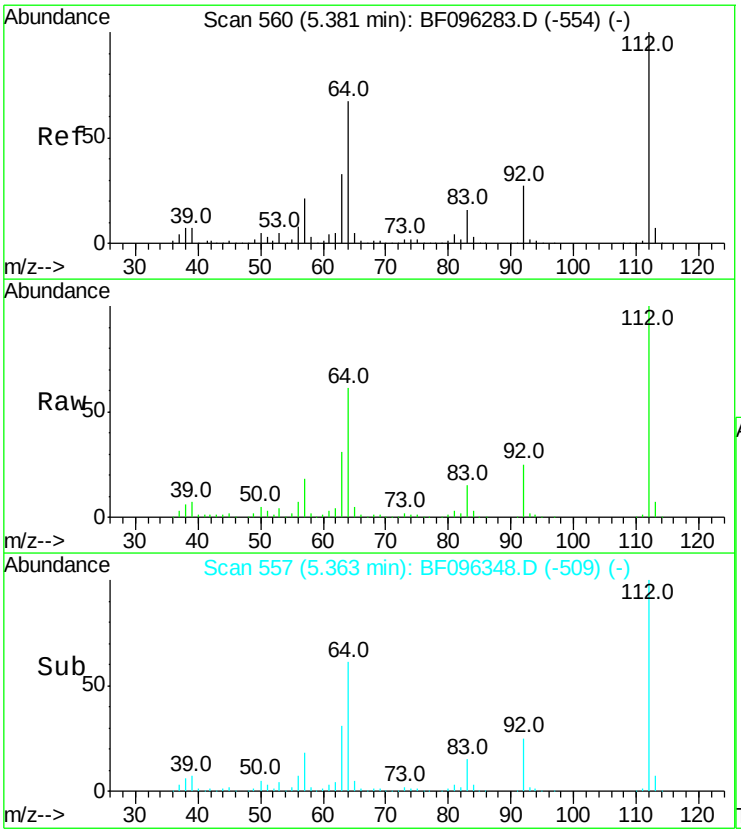
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155330

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	65.8	52.2	78.2

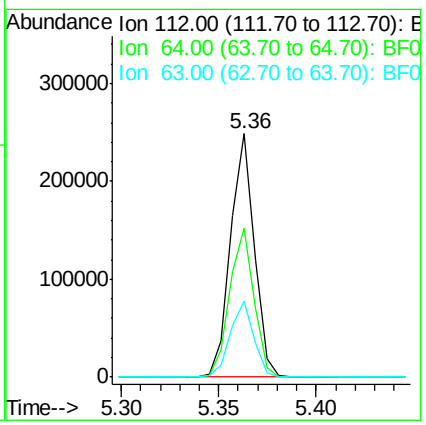


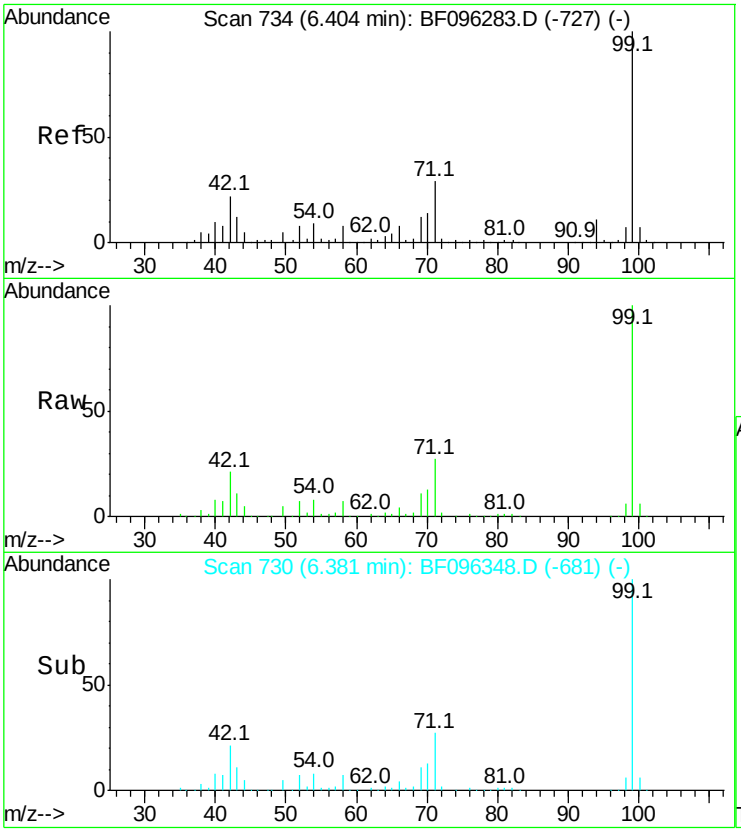


#5
2-Fluorophenol
Concen: 19.48 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:112 Resp: 210066

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	31.0	23.4	35.0



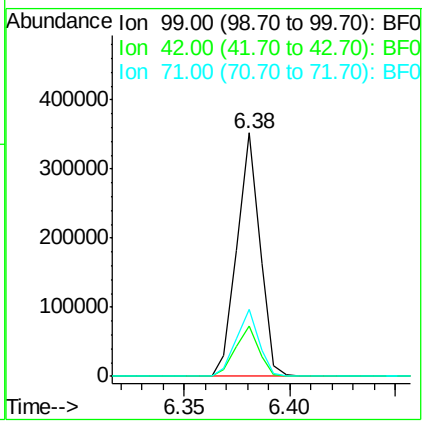


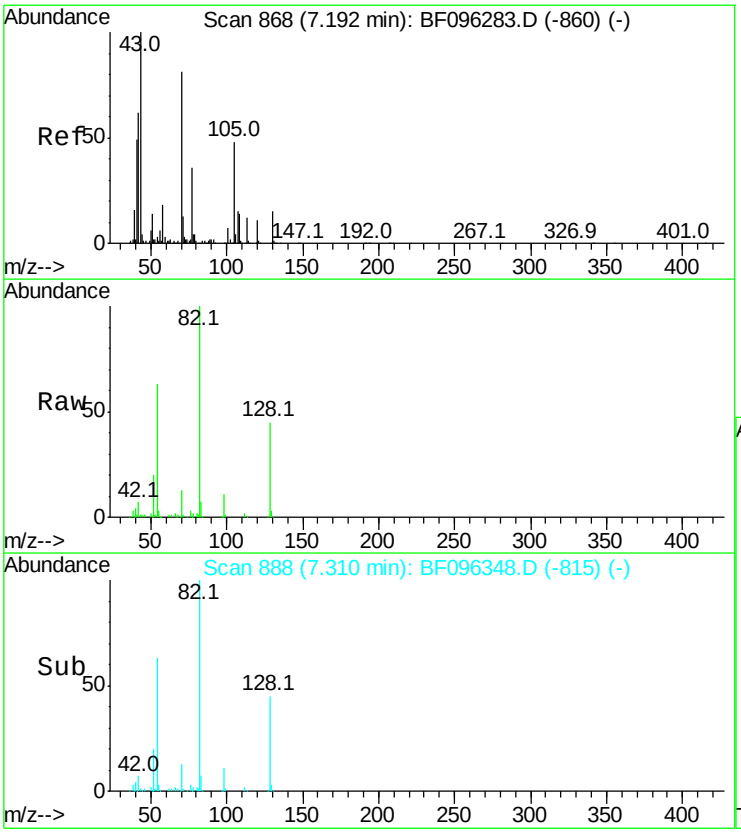
#7
Phenol-d6
Concen: 20.30 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 265043

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.5	20.3#
71	27.4	24.5	36.7

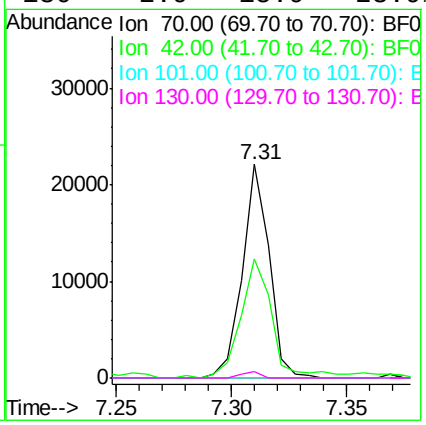


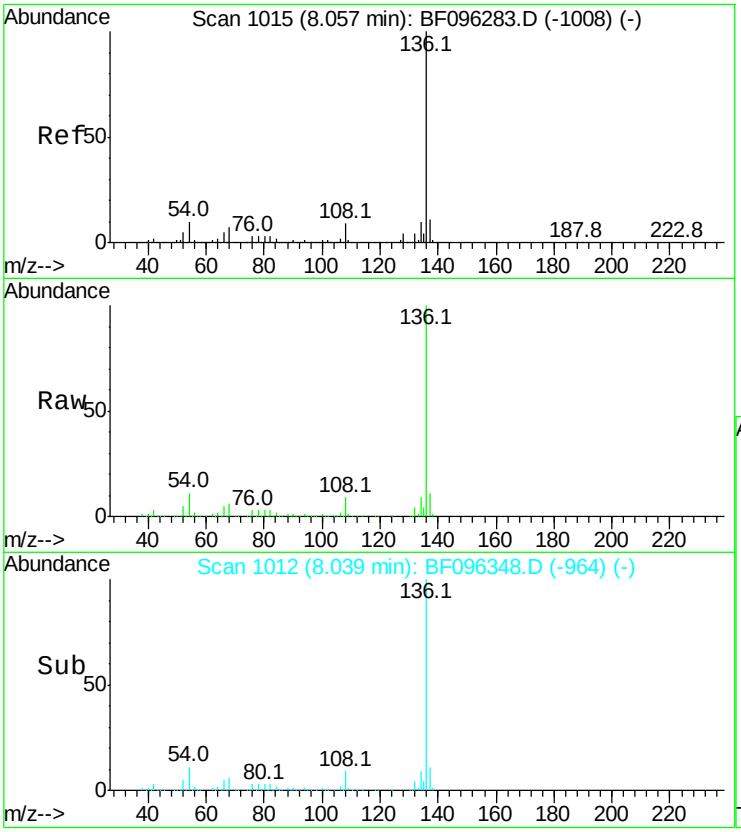


#19
n-Nitroso-di-n-propylamine
Concen: 2.30 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion: 70 Resp: 18028

Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#



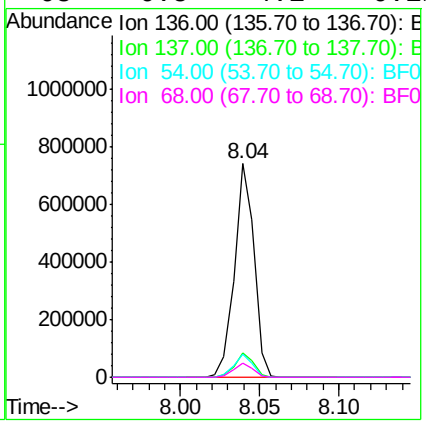


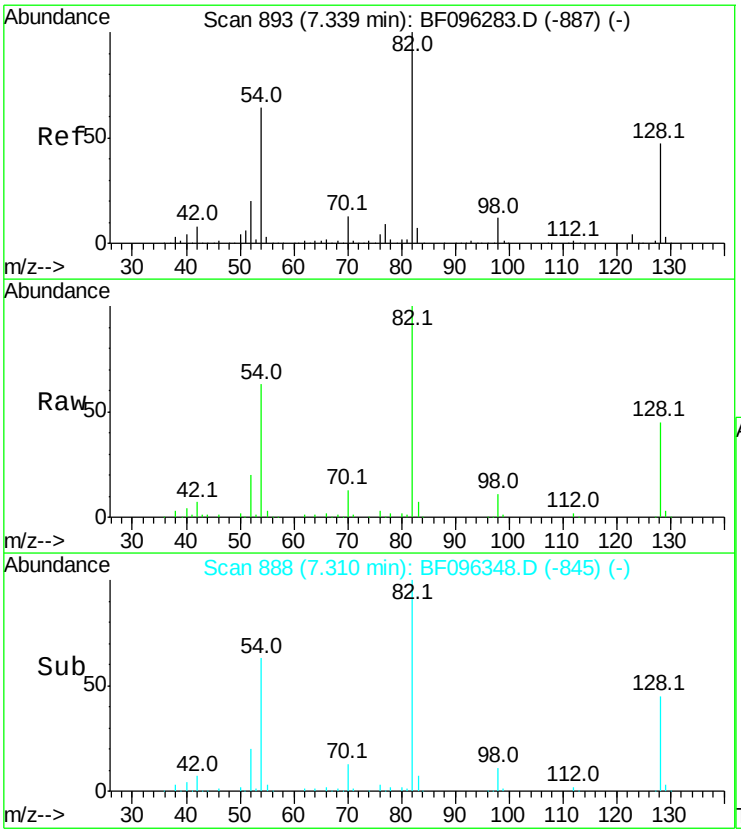
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 636594

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.9	4.9	7.3#
68	6.5	4.1	6.1#

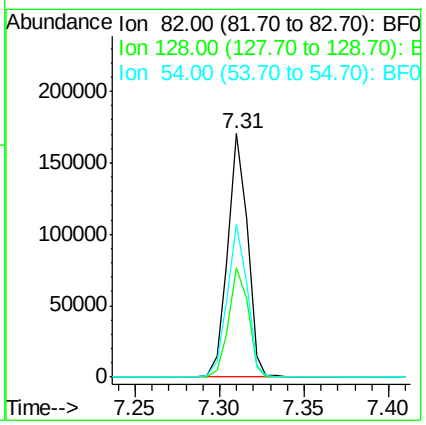


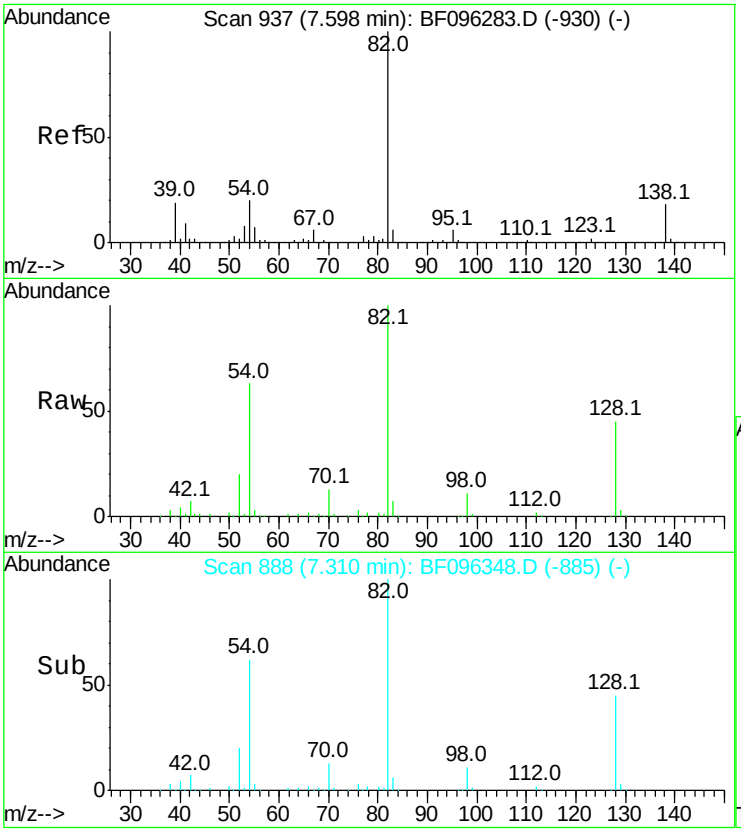


#23
Nitrobenzene-d5
Concen: 15.09 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion: 82 Resp: 138798

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	62.8	42.2	63.2



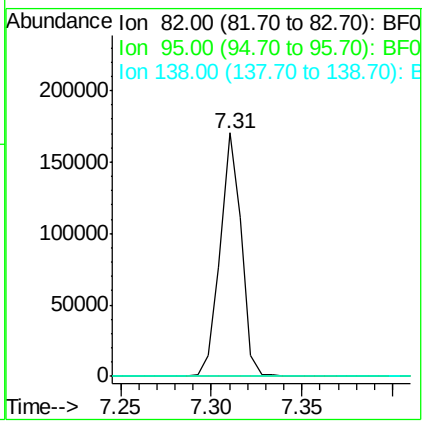


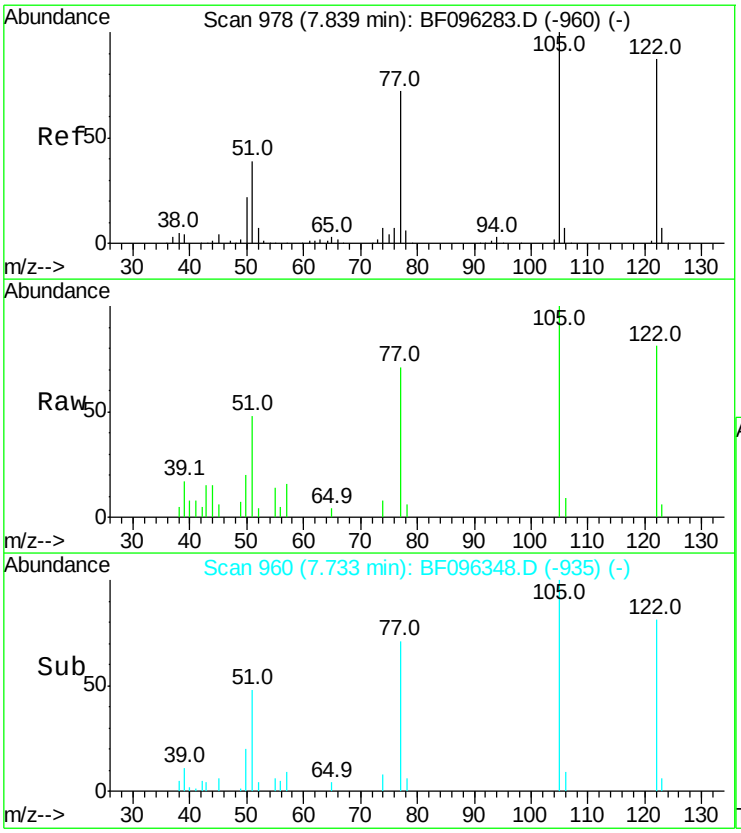
#25
Isophorone
Concen: 6.65 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 138797

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

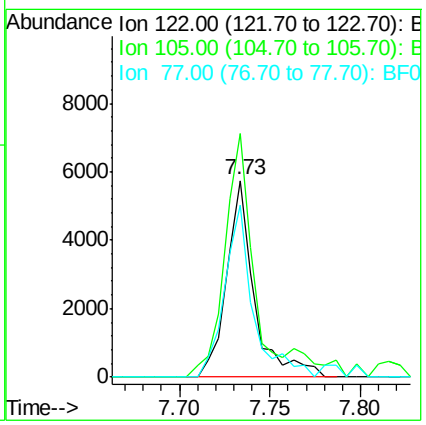


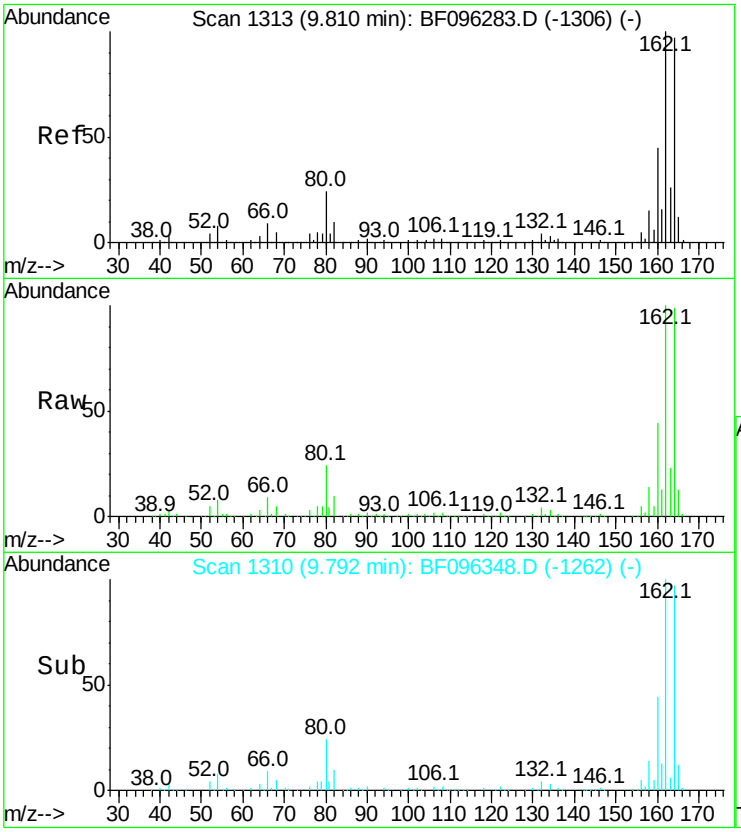


#32
Benzoic acid
Concen: 9.53 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.15 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:122 Resp: 6110

Ion	Ratio	Lower	Upper
122	100		
105	124.0	103.3	143.3
77	87.5	73.7	113.7



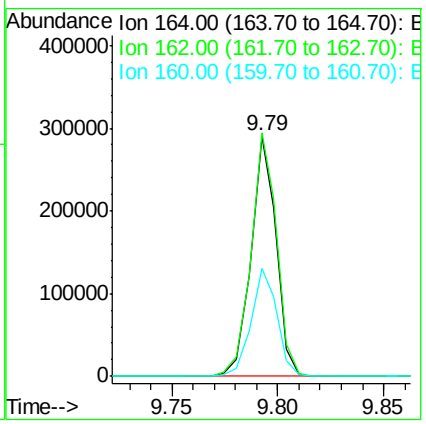


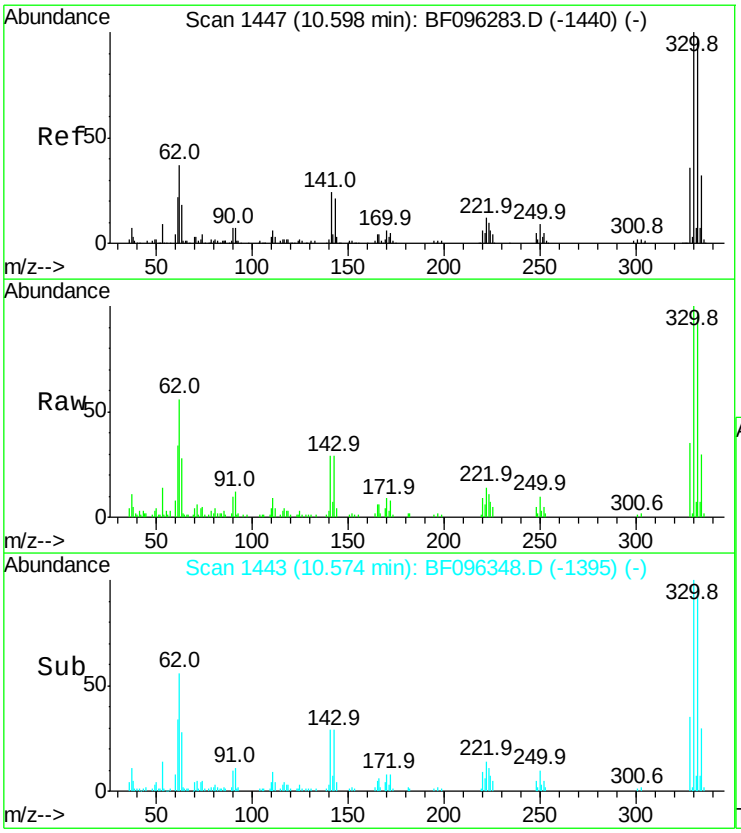
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 238811

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.8	36.2	54.2

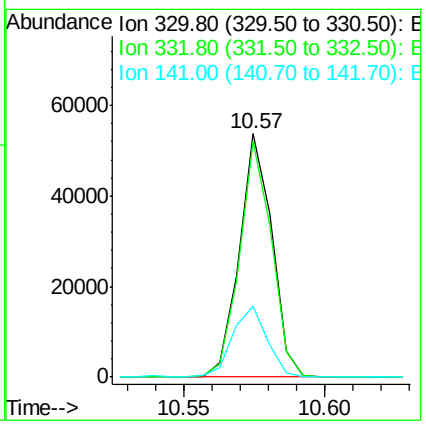


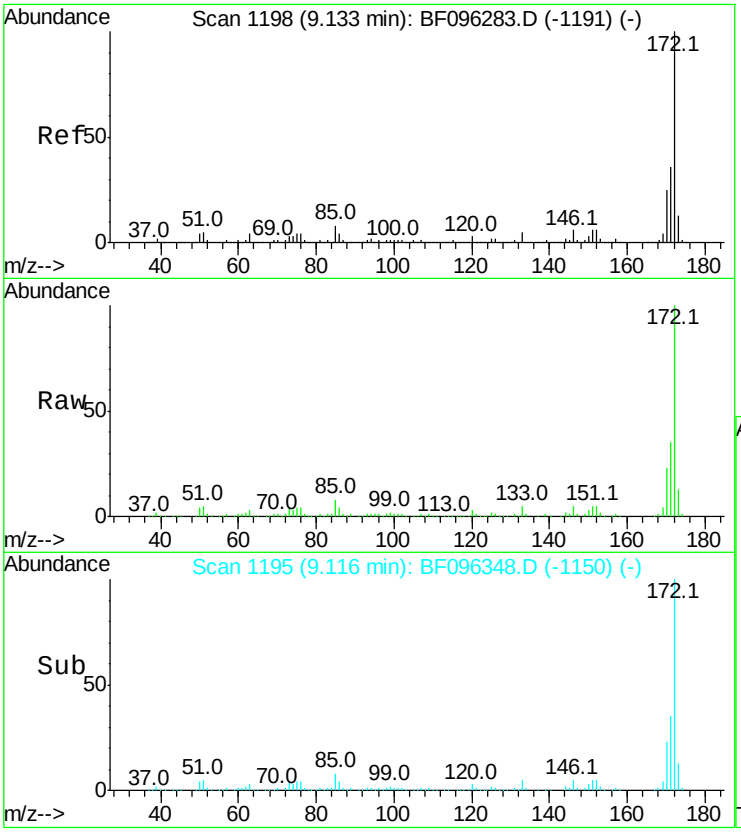


#41
2,4,6-Tribromophenol
Concen: 22.86 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:330 Resp: 42955

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	30.7	31.4	47.2#



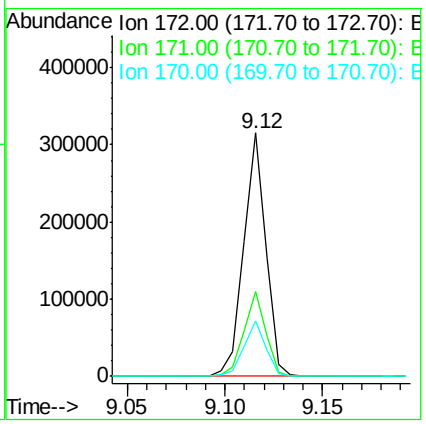


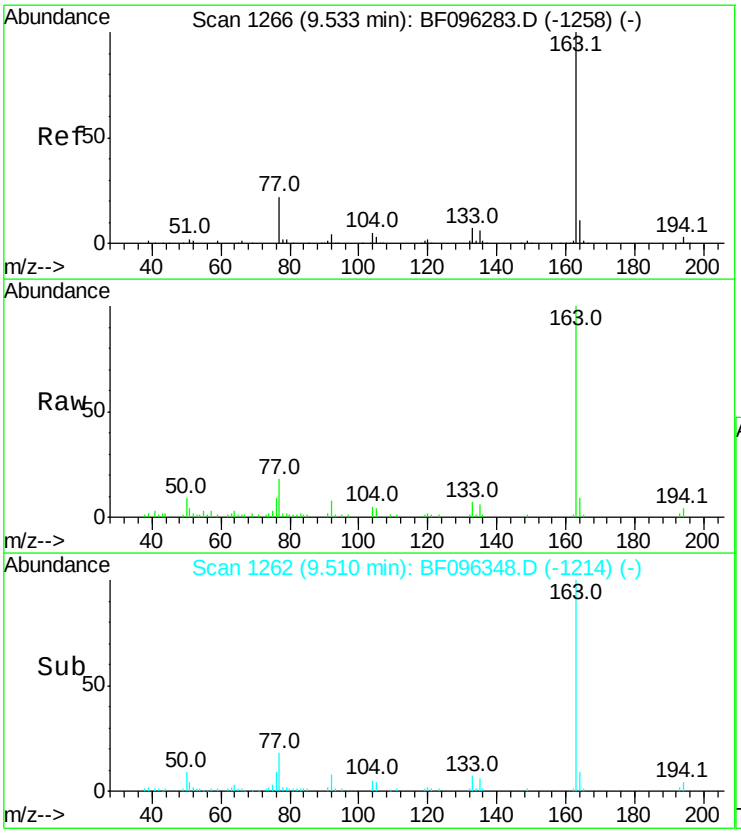
#44
2-Fluorobiphenyl
Concen: 18.98 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 247566

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.7	19.8	29.8

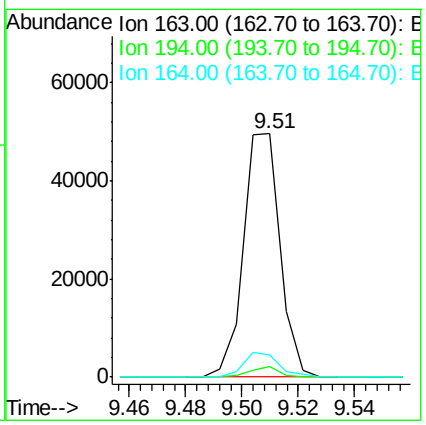


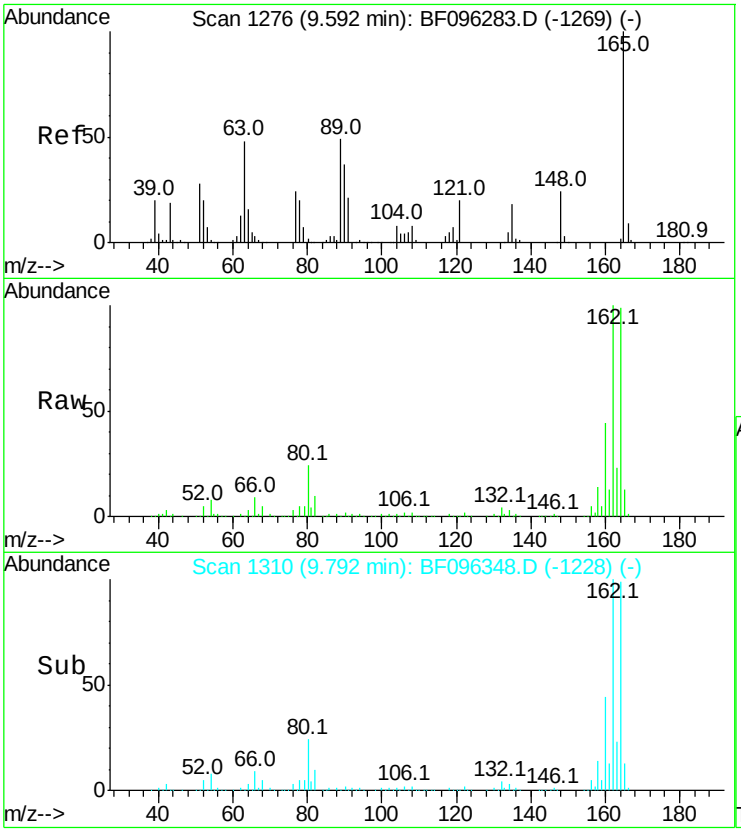


#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:163 Resp: 44409

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	9.1	8.4	12.6



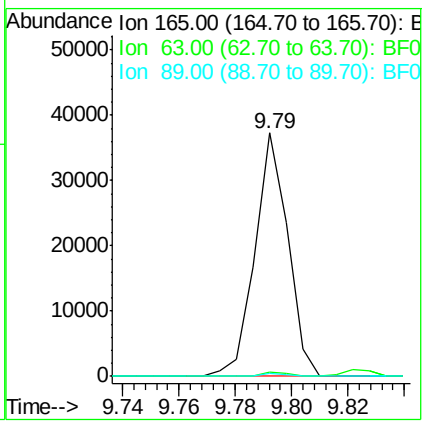


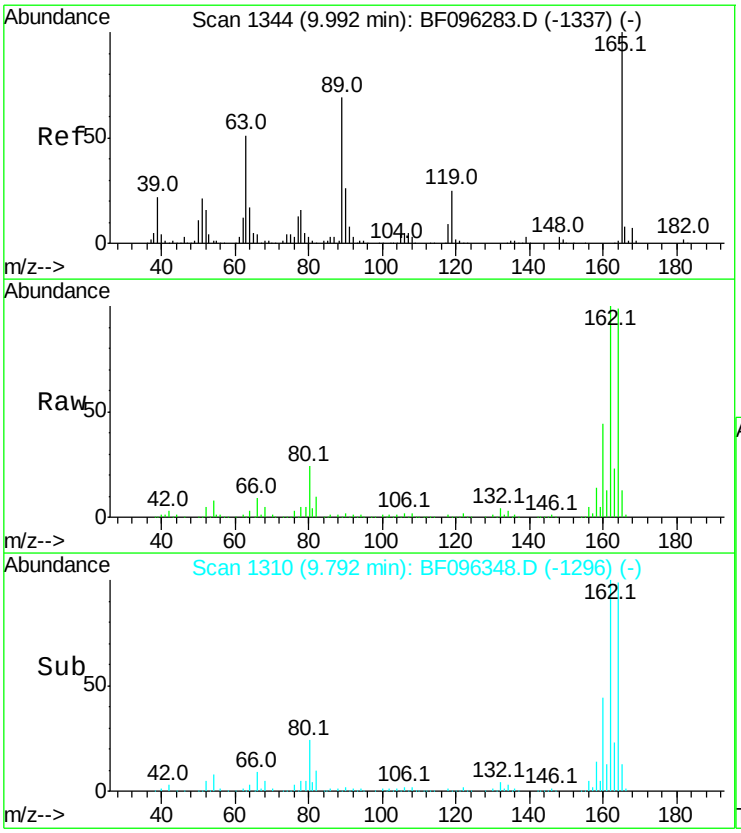
#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.18 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30119

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.0	37.1	55.7#

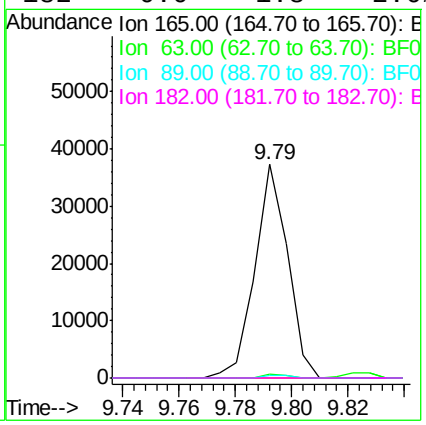


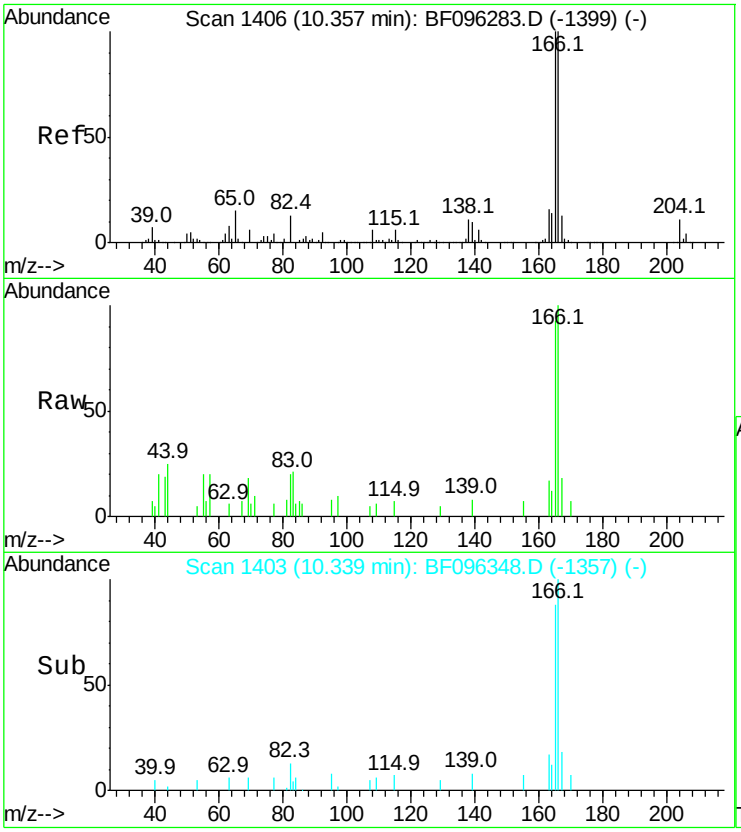


#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.22 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:165 Resp: 30119

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



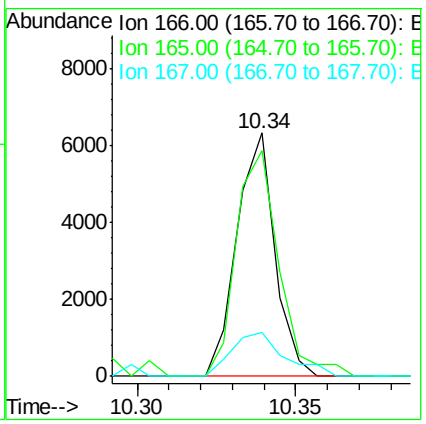


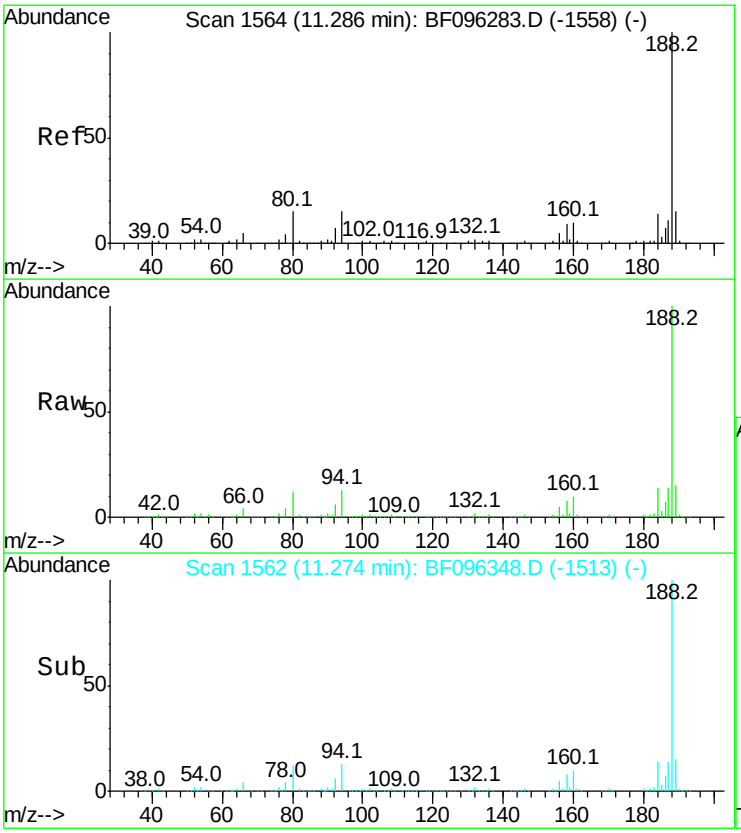
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 5242

Ion	Ratio	Lower	Upper
166	100		
165	92.5	78.8	118.2
167	18.0	10.6	16.0#

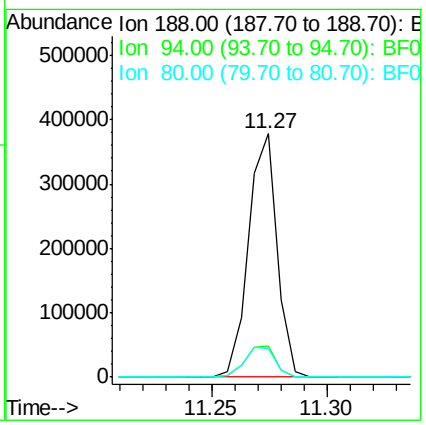


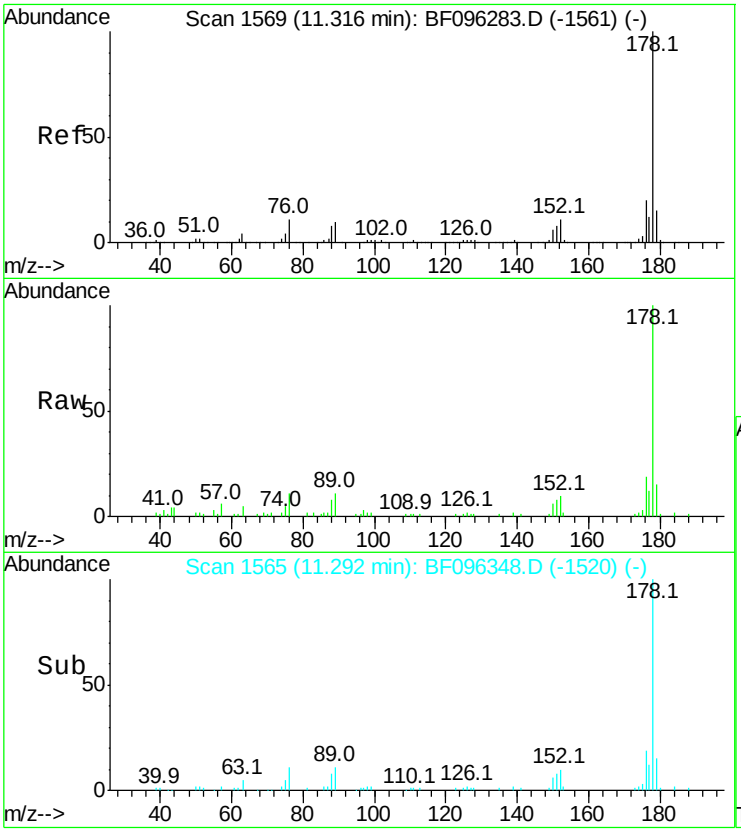


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:188 Resp: 326997

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	11.6	10.2	15.2



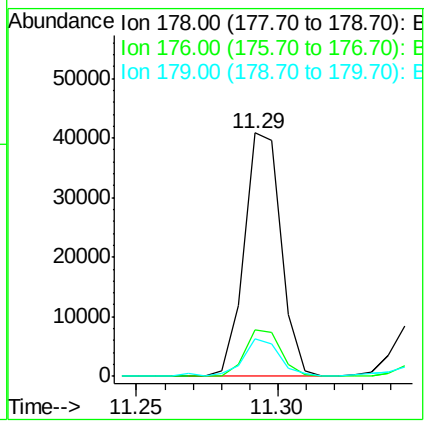


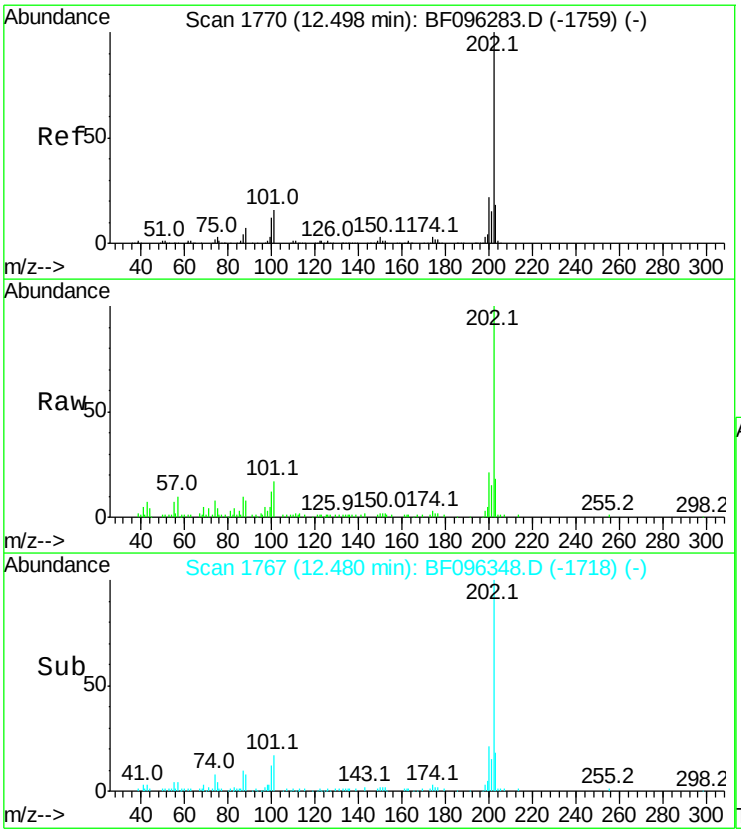
#70
Phenanthrene
Concen: Below Cal
RT: 11.29 min Scan# 1565
Delta R.T. -0.03 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36869

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

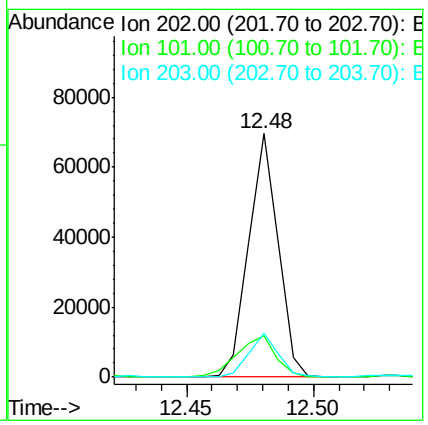


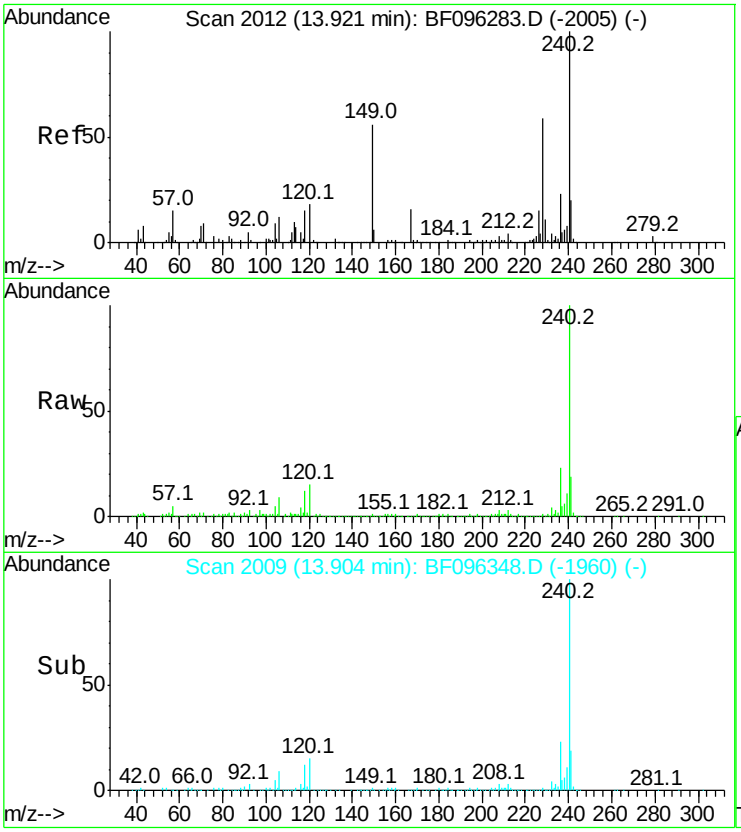


#74
Fluoranthene
Concen: 3.11 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:202 Resp: 56429

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	33.2
203	18.2	0.0	38.1



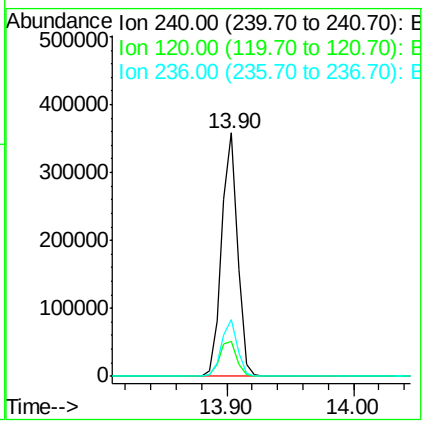


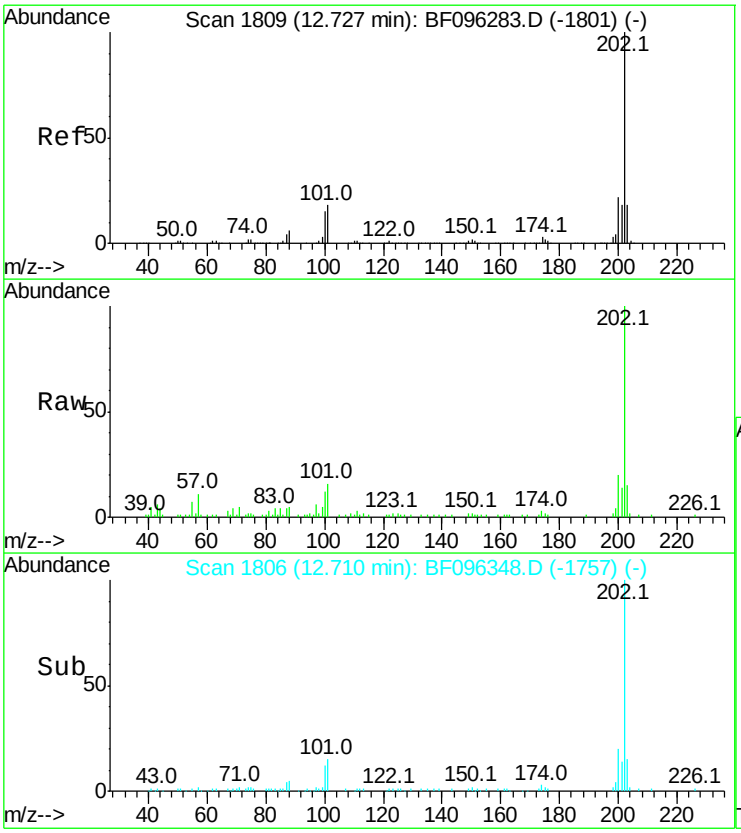
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 315549

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	23.1	20.5	30.7

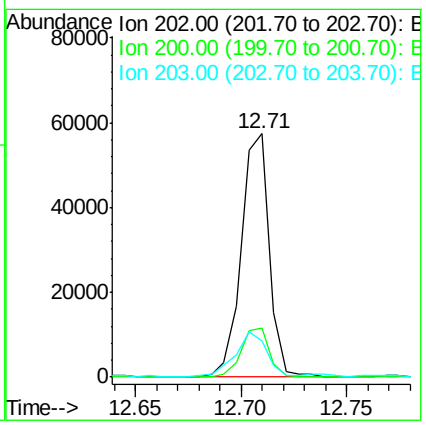


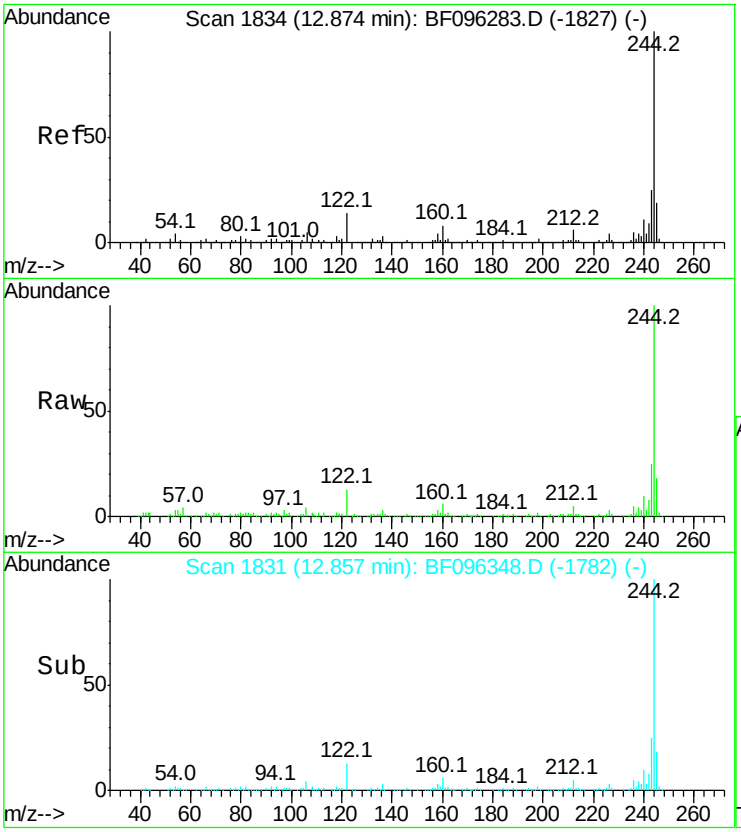


#77
Pyrene
Concen: 2.03 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:202 Resp: 52653

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	14.6	14.4	21.6



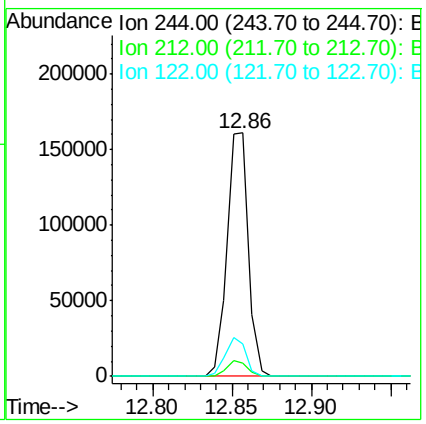


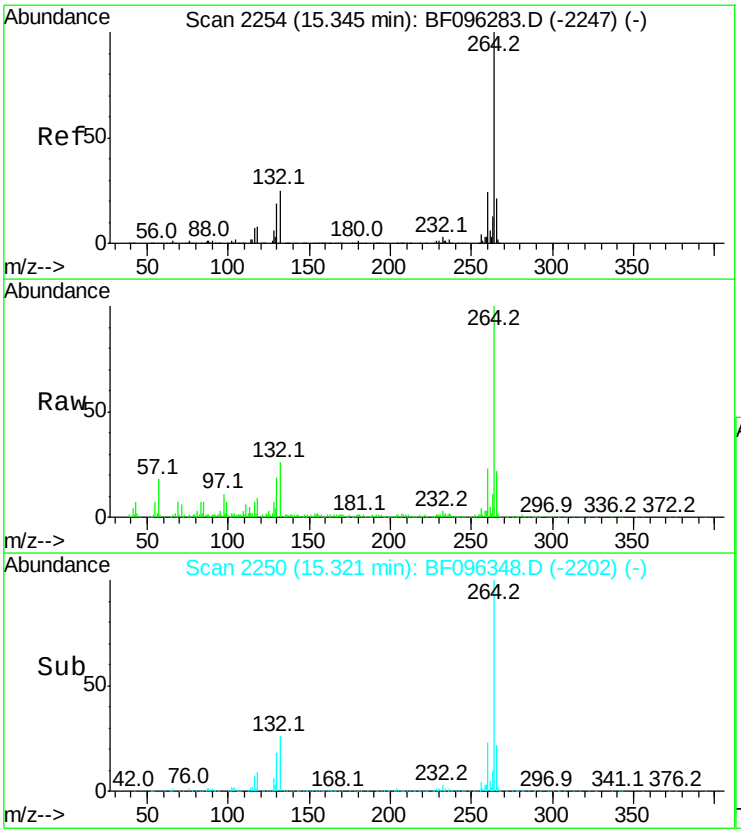
#78
Terphenyl-d14
Concen: 11.87 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 150107

Ion	Ratio	Lower	Upper
244	100		
212	5.4	6.0	9.0#
122	13.2	10.3	15.5

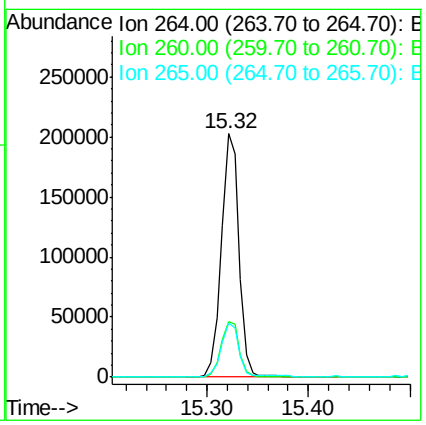


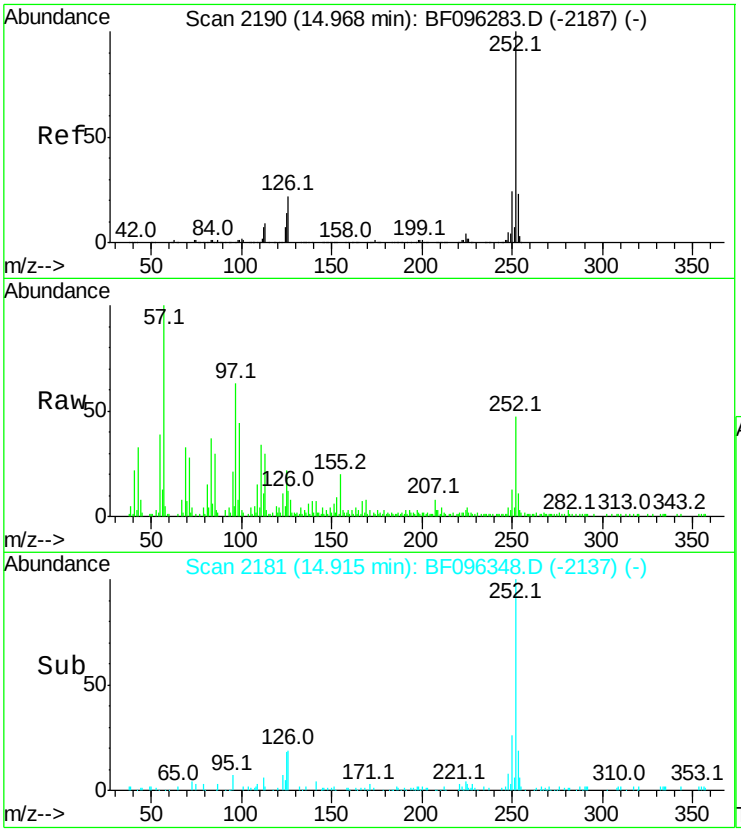


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:264 Resp: 245376

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	22.1	17.2	25.8



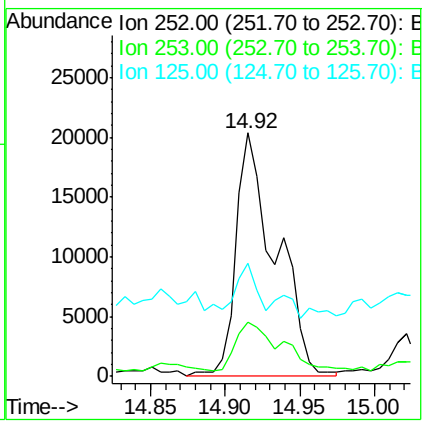


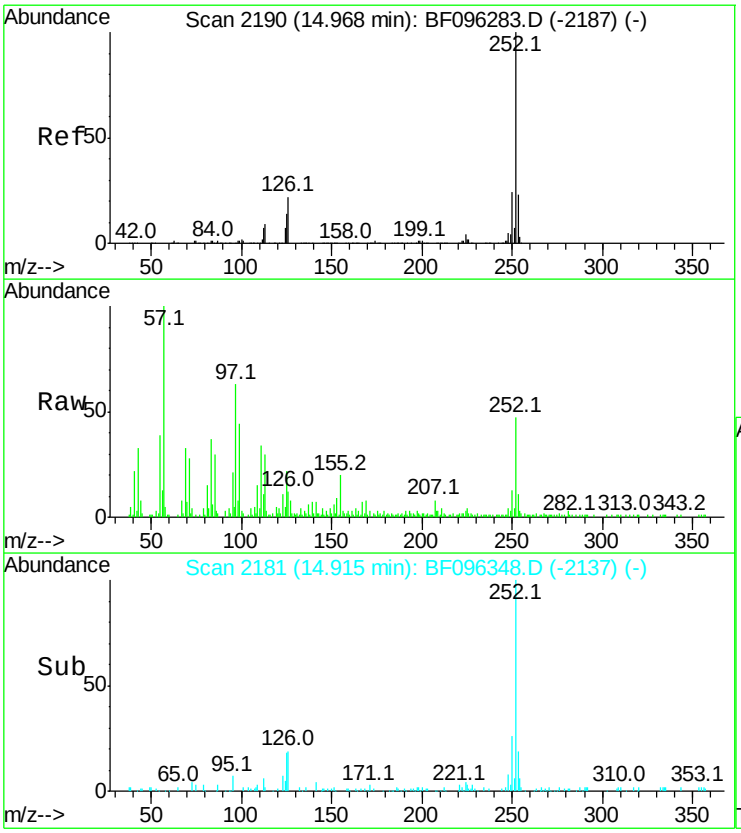
#87
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 37738

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	46.3	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.56 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion:252 Resp: 37738

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	46.3	13.1	19.7#