Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
Data File : BF096396.D
Acq On : 1 Jul 2017 23:20
Operator : SJ/MA
Sample : I3959-10 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 01:52:20 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	113998	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	364729	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	133378	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	253026	20.00	ng		0.00
75) Chrysene-d12	13.87	240	253811	20.00	ng		0.00
86) Perylene-d12	15.29	264	157041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	401864	52.03	ng		0.00
7) Phenol-d6	6.36	99	529758	55.79	ng		-0.01
23) Nitrobenzene-d5	7.29	82	314848	51.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	16905	16.23	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	463140	59.37	ng		-0.01
78) Terphenyl-d14	12.83	244	445046	37.47	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	40998	7.25	ng	#	88
25) Isophorone	7.29	82	313835	26.67	ng	#	67
49) Dimethylphthalate	9.48	163	76037	7.64	ng		100
56) 2,4-Dinitrotoluene	9.76	165	17336	6.22	ng	#	32
70) Phenanthrene	11.26	178	42730	3.12	ng		94
74) Fluoranthene	12.45	202	141617	10.56	ng		88
77) Pyrene	12.68	202	161590	7.93	ng		98
80) Benzo(a)anthracene	13.86	228	96913	6.59	ng		99
82) Chrysene	13.90	228	90649	5.89	ng		96
85) Indeno(1,2,3-cd)pyrene	16.65	276	30137	2.48	ng		99
87) Benzo(b)fluoranthene	14.88	252	125065	12.71	ng	#	93
88) Benzo(k)fluoranthene	14.88	252	125065	14.21	ng		97
89) Benzo(a)pyrene	15.22	252	62845	7.15	ng	#	86
91) Benzo(g,h,i)perylene	17.06	276	28867	4.03	ng		92

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

Quantitation Report (Not Reviewed)

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Acq On : 1 Jul 2017 23:20
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
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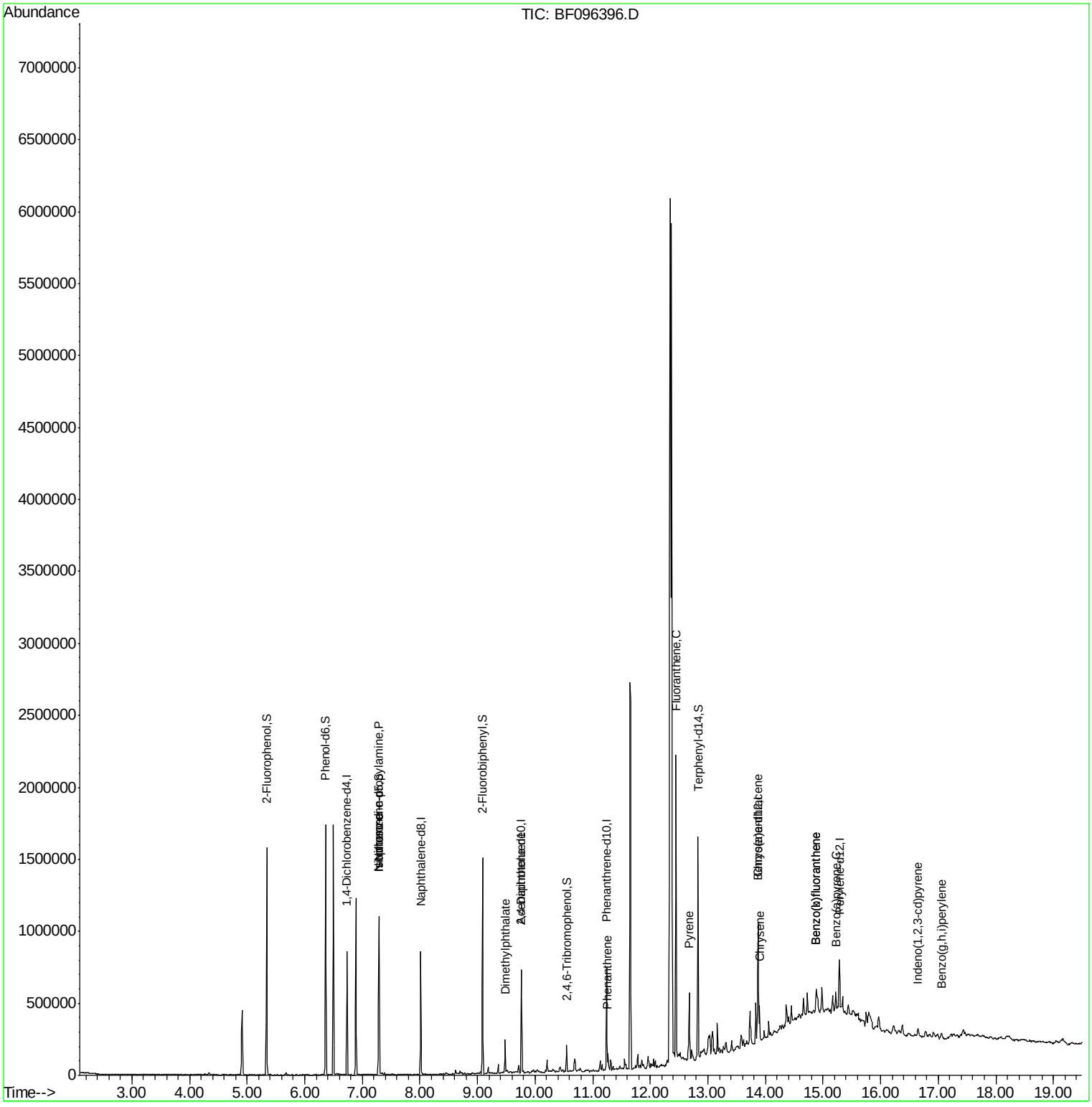
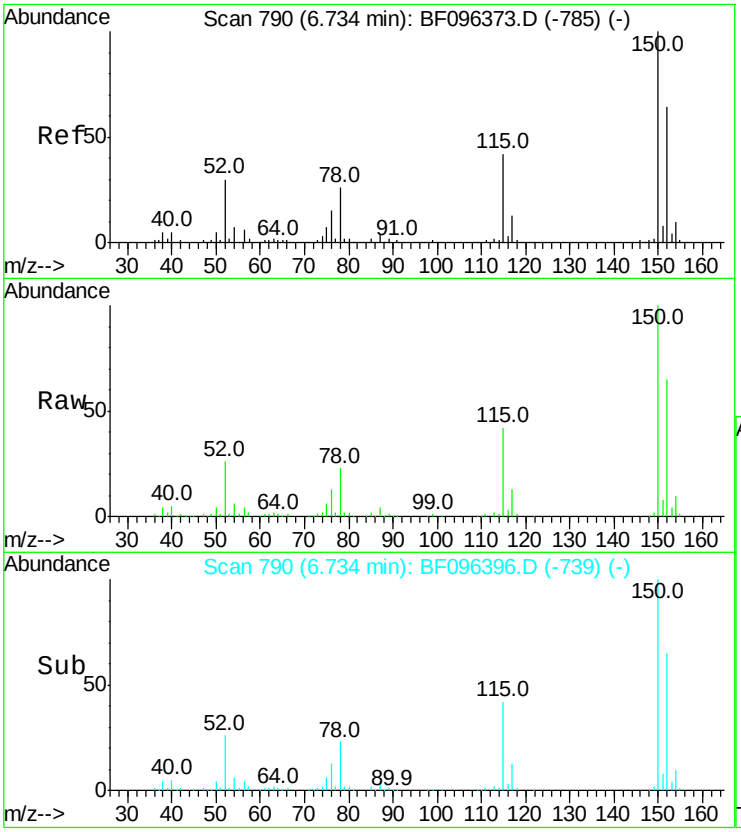


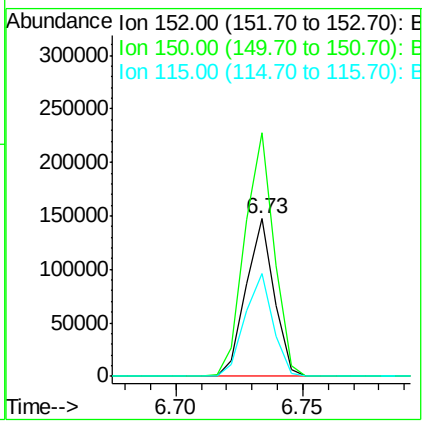


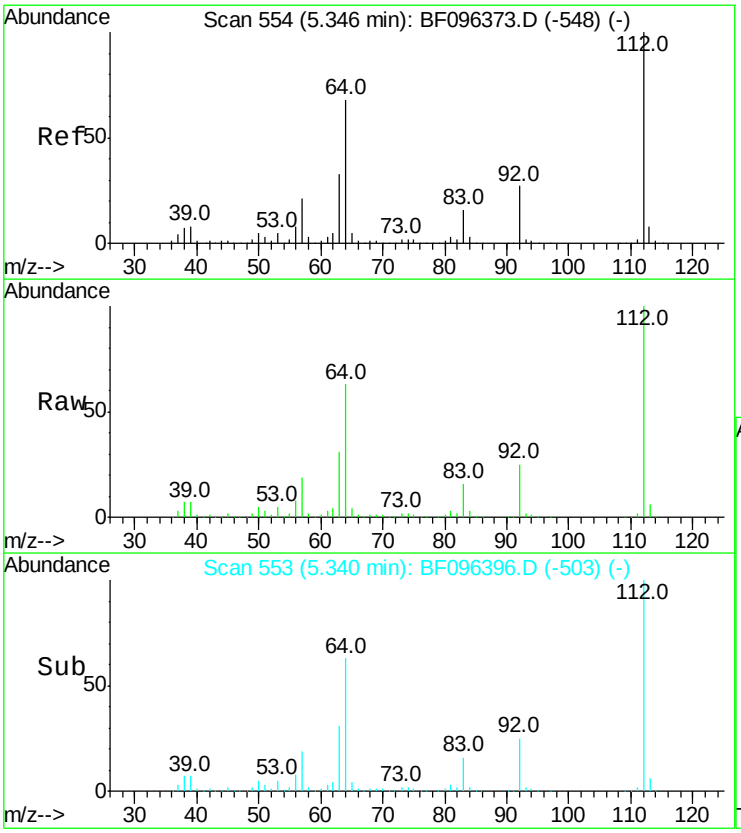
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113998

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	64.9	52.2	78.2

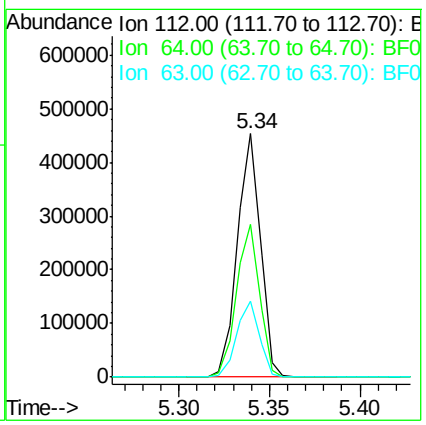


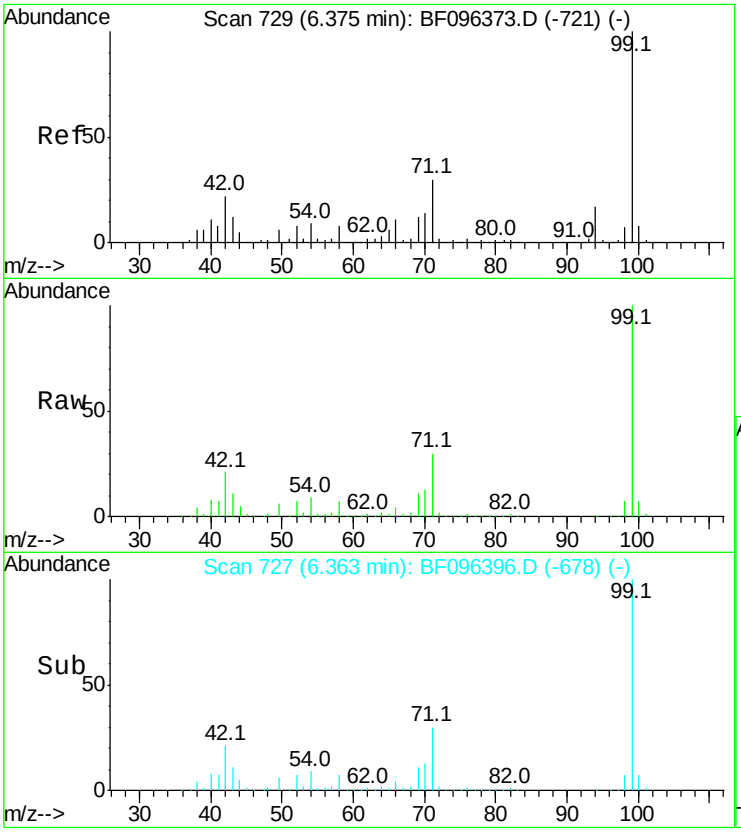


#5
2-Fluorophenol
Concen: 52.03 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:112 Resp: 401864

Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	31.4	23.4	35.0



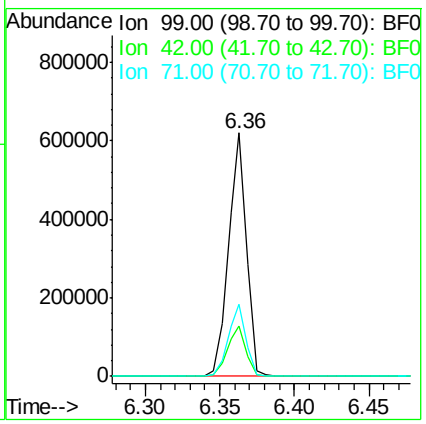


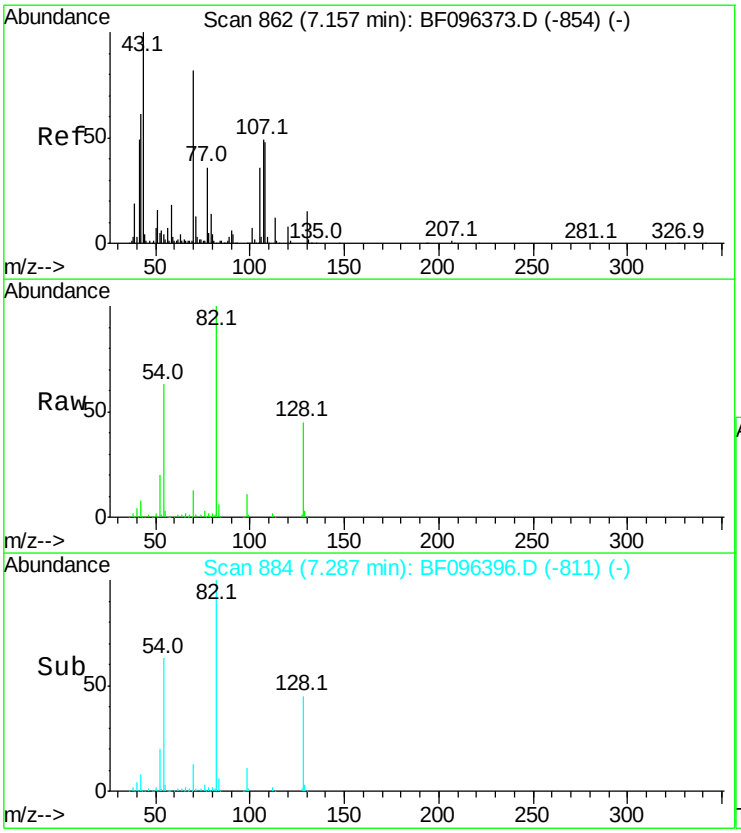
#7
Phenol-d6
Concen: 55.79 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 529758

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.5	20.3#
71	29.9	24.5	36.7

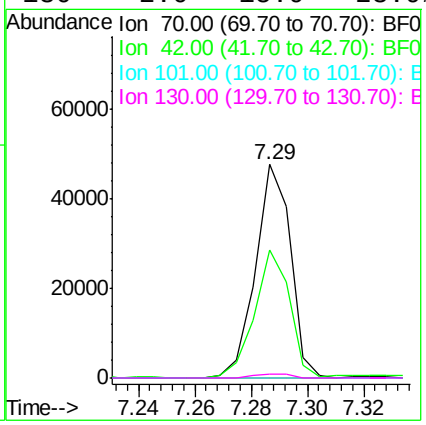


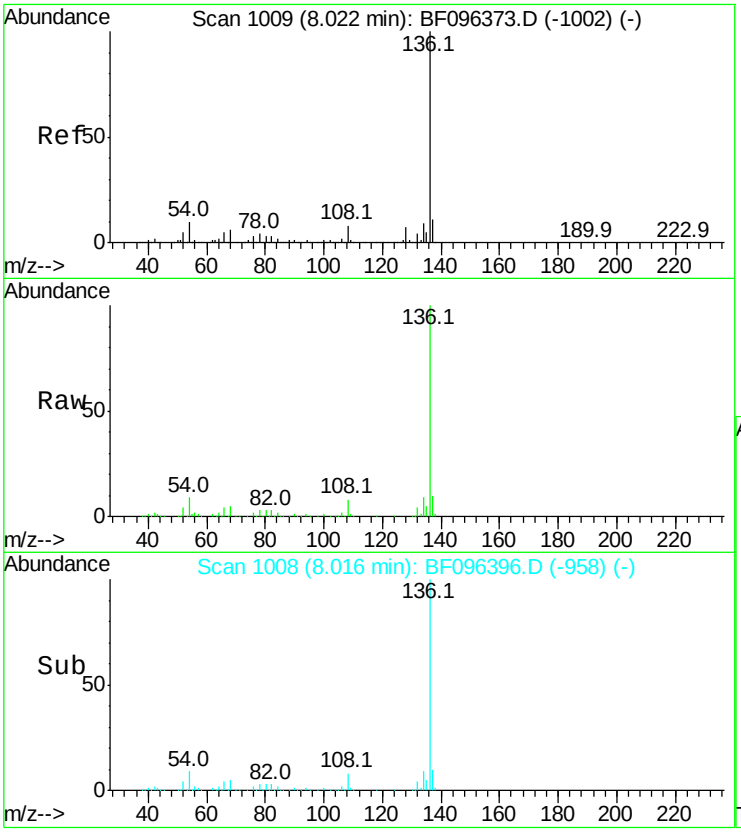


#19
n-Nitroso-di-n-propylamine
Concen: 7.25 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion: 70 Resp: 40998

Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



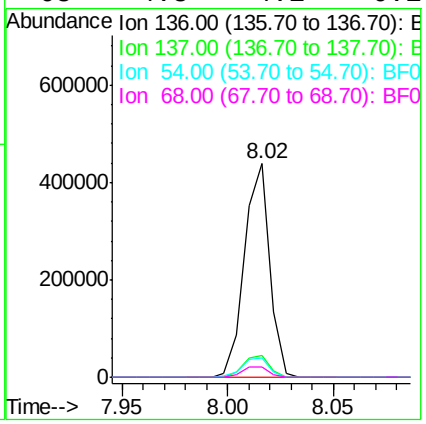


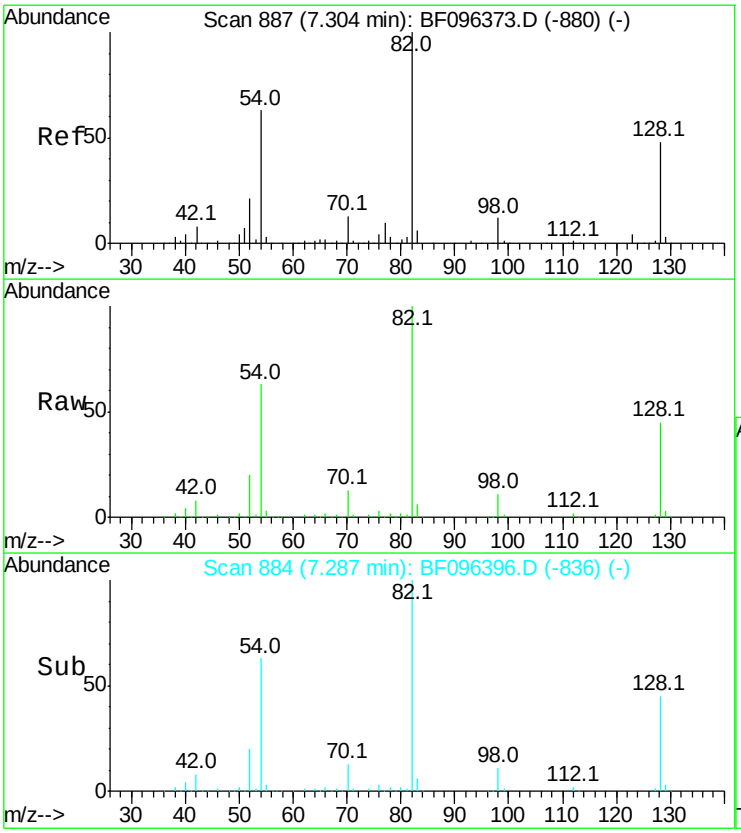
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 364729

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.2	4.9	7.3#
68	4.8	4.1	6.1

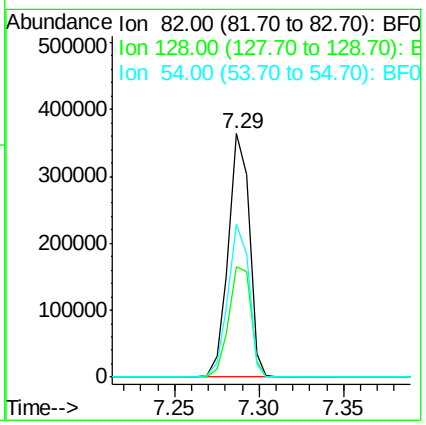


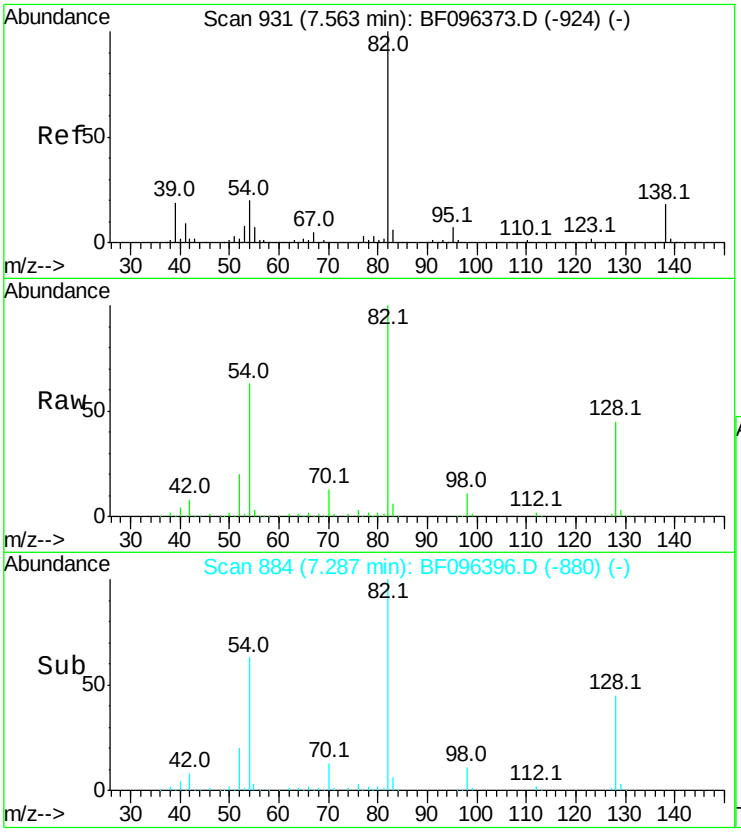


#23
Nitrobenzene-d5
Concen: 51.87 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion: 82 Resp: 314848

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	62.7	42.2	63.2



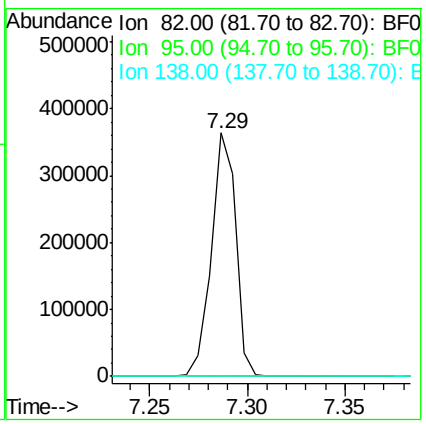


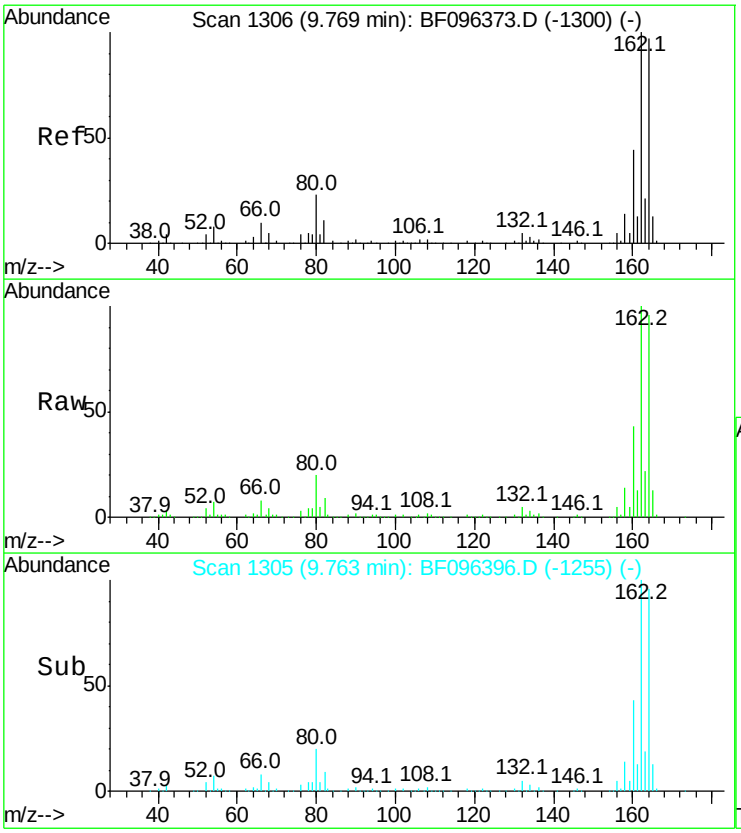
#25
Isophorone
Concen: 26.67 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 313835

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

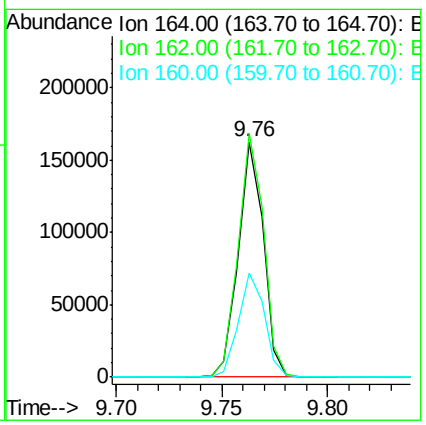


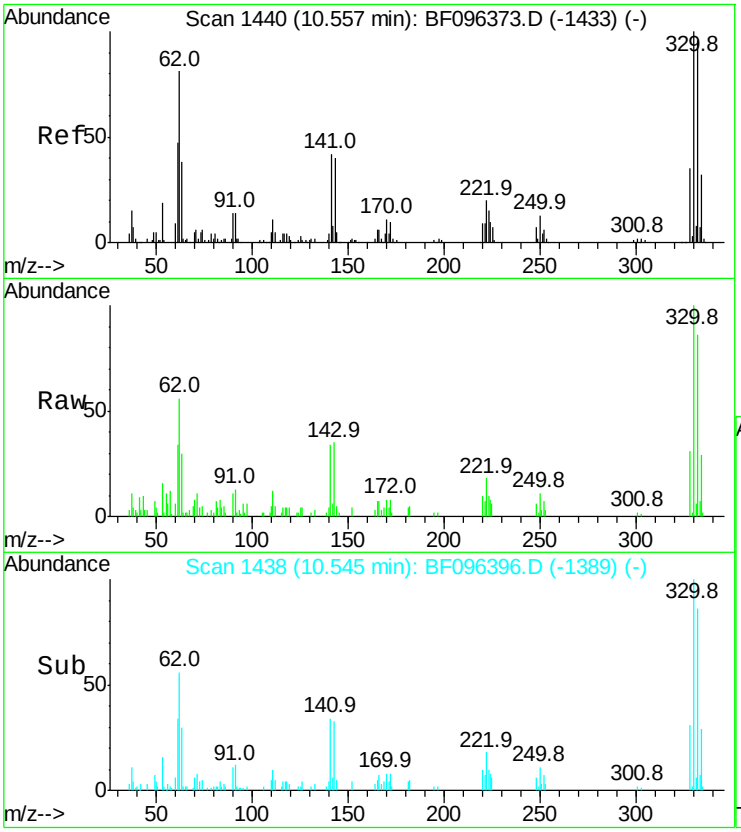


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:164 Resp: 133378

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.1	36.2	54.2



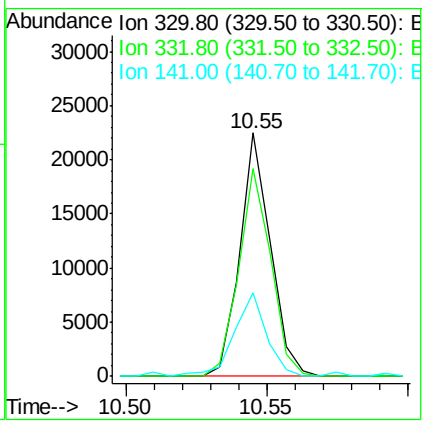


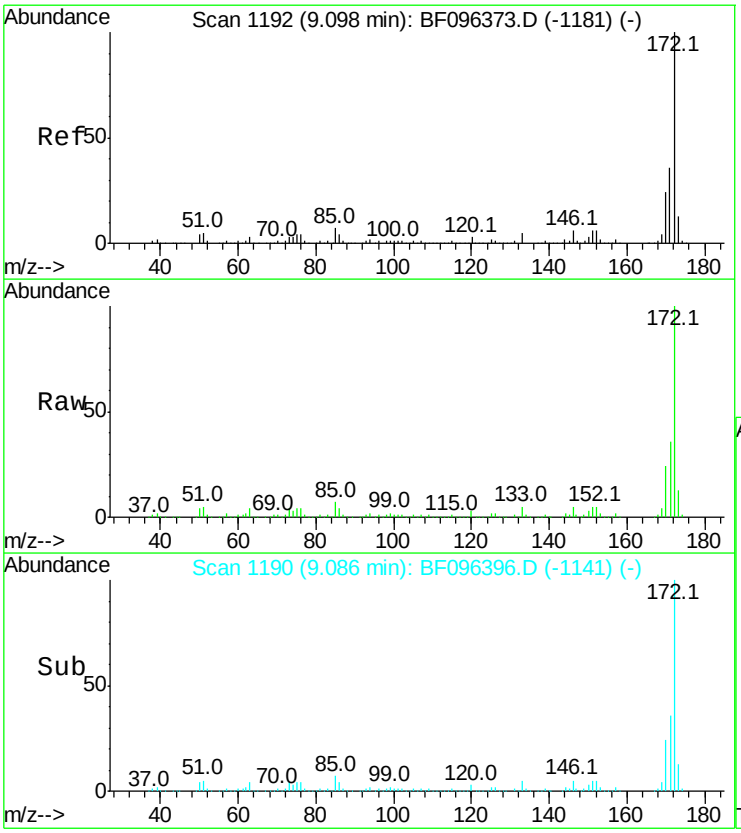
#41
2,4,6-Tribromophenol
Concen: 16.23 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16905

Ion	Ratio	Lower	Upper
330	100		
332	89.5	76.6	115.0
141	36.3	31.4	47.2

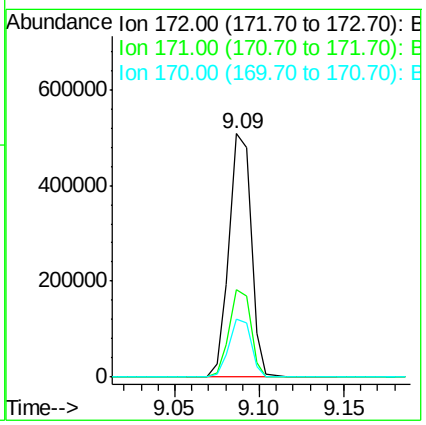


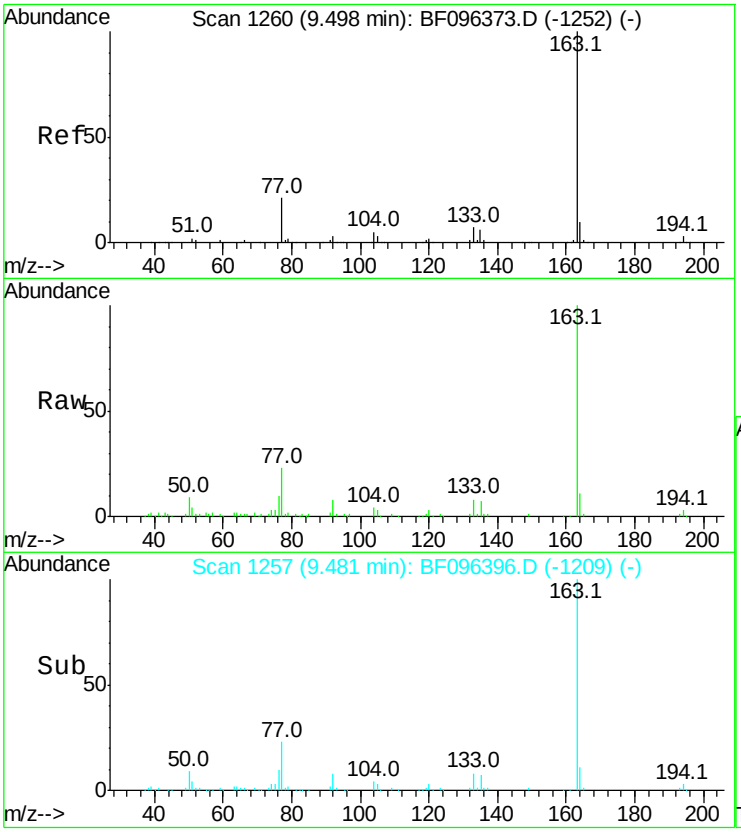


#44
2-Fluorobiphenyl
Concen: 59.37 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:172 Resp: 463140

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



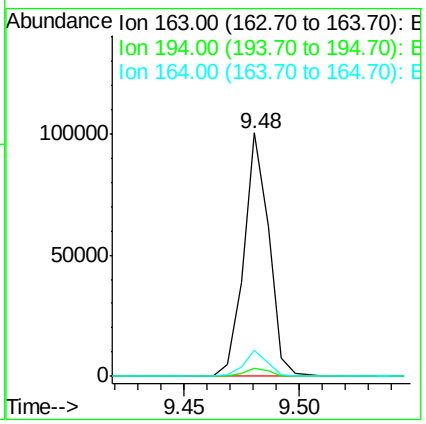


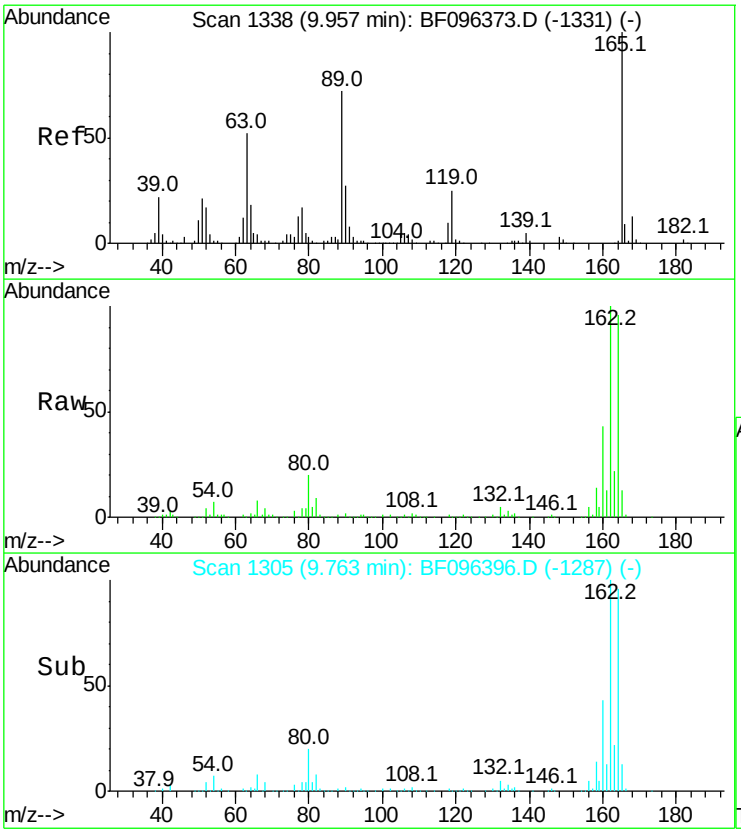
#49
Dimethylphthalate
Concen: 7.64 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 76037

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.4	12.6

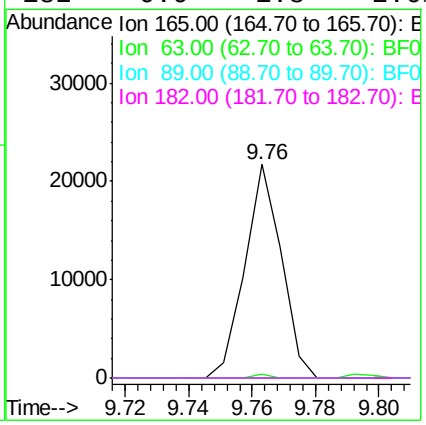


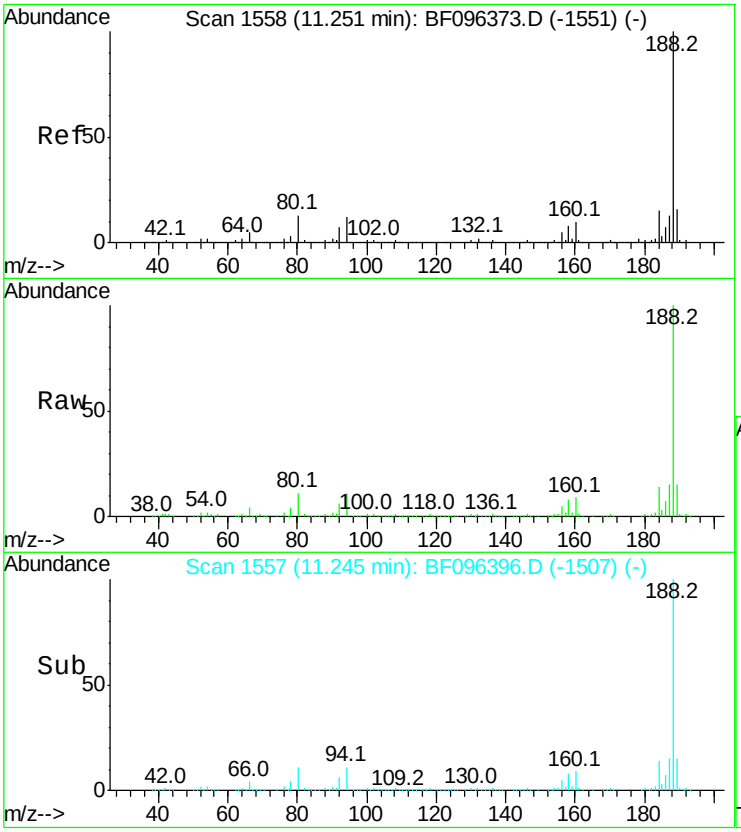


#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:165 Resp: 17336

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



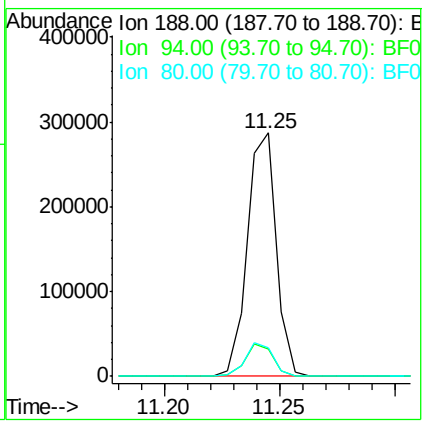


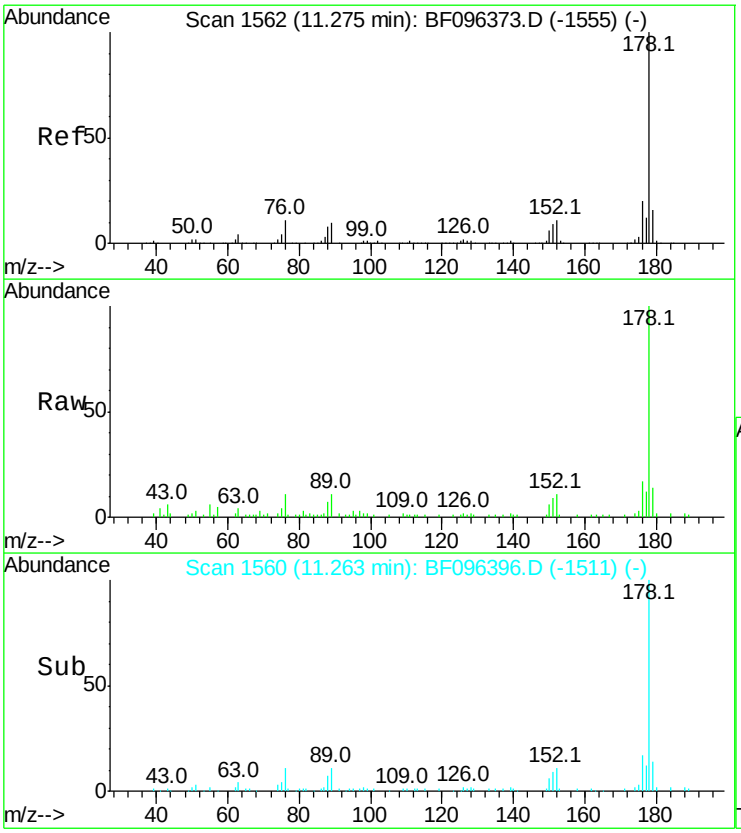
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 253026

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.5	10.2	15.2

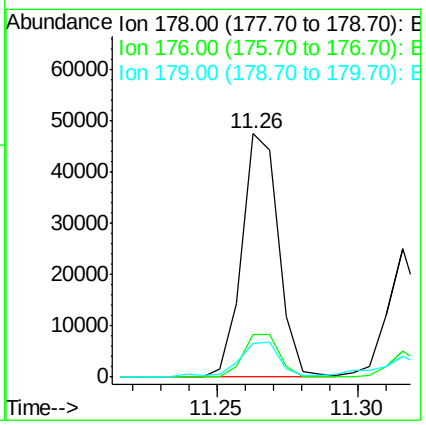


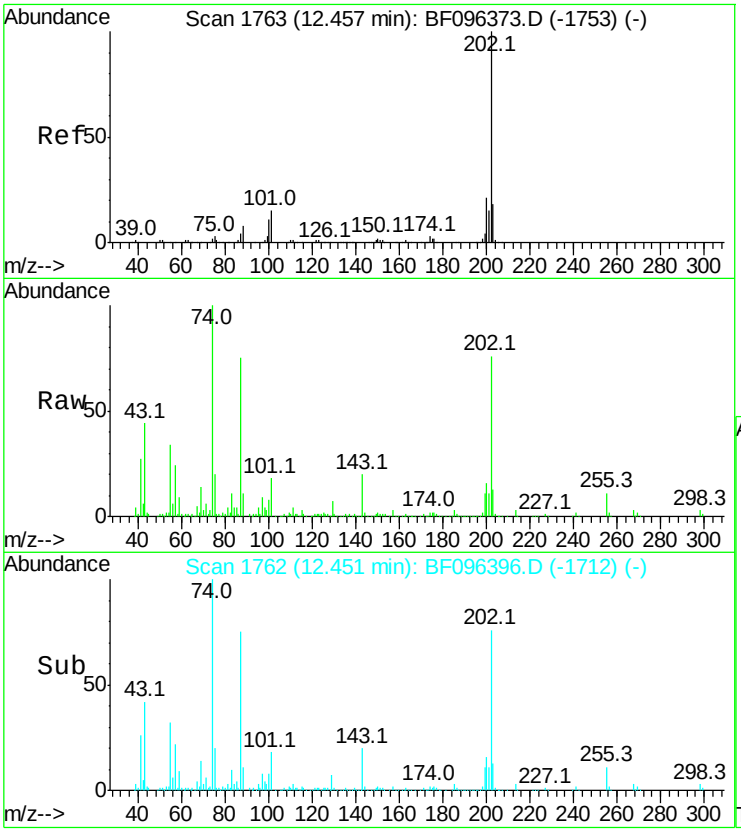


#70
Phenanthrene
Concen: 3.12 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:178 Resp: 42730

Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.2	24.4
179	13.7	12.6	19.0



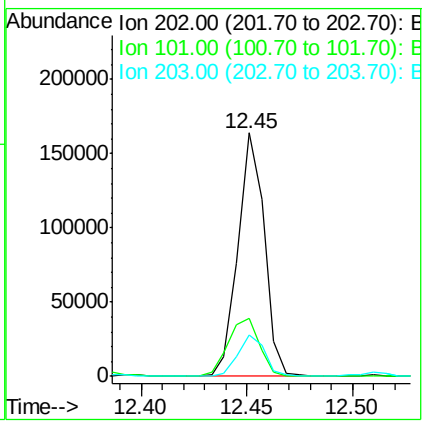


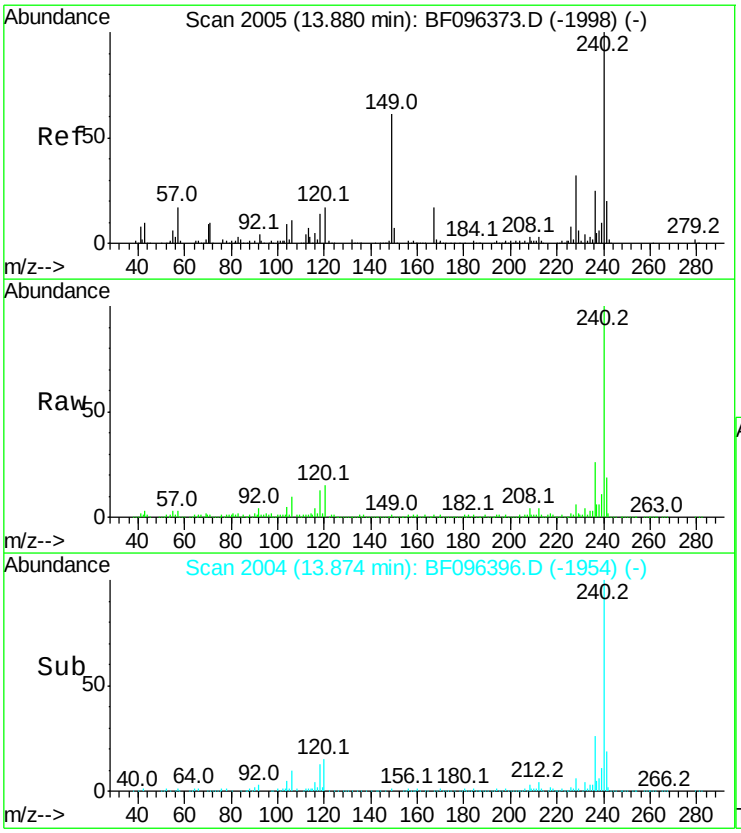
#74
Fluoranthene
Concen: 10.56 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 141617

Ion	Ratio	Lower	Upper
202	100		
101	23.6	0.0	33.2
203	17.2	0.0	38.1

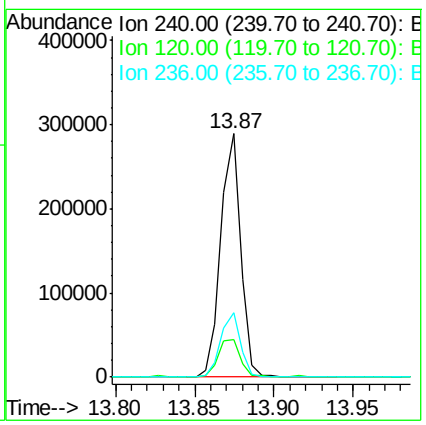


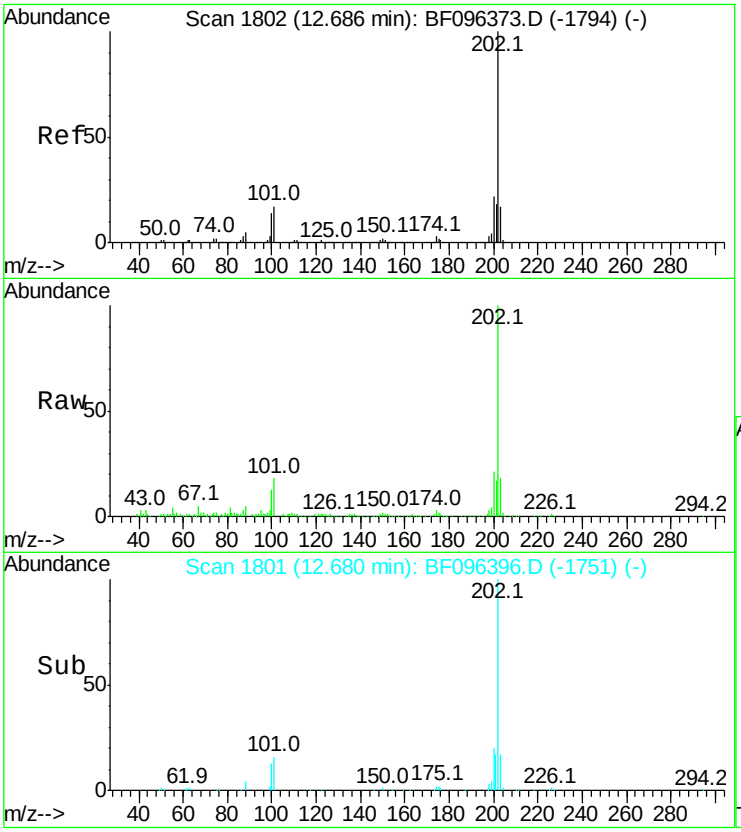


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:240 Resp: 253811

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	26.4	20.5	30.7



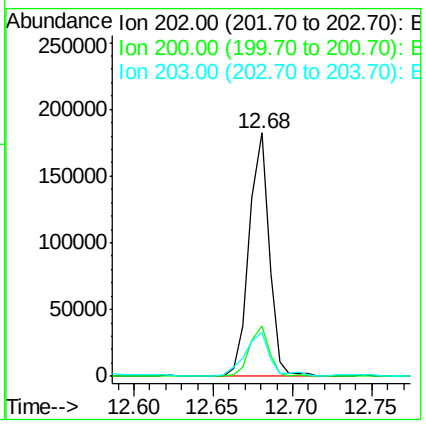


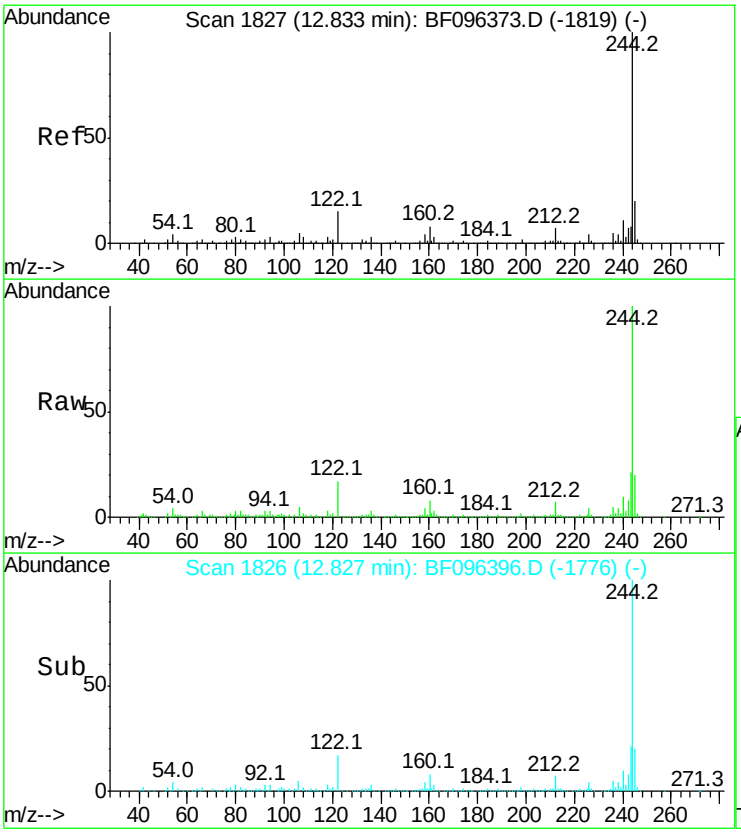
#77
Pyrene
Concen: 7.93 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 161590

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	18.0	14.4	21.6

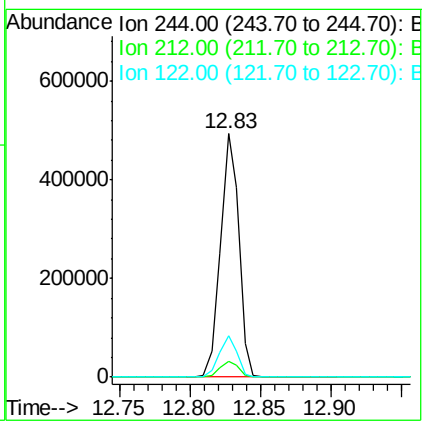


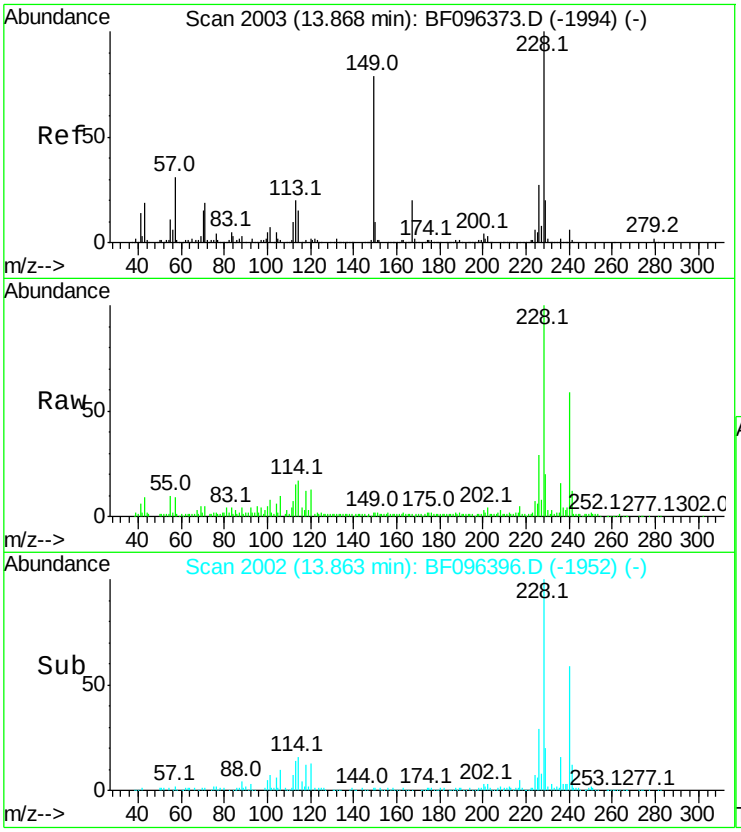


#78
Terphenyl-d14
Concen: 37.47 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:244 Resp: 445046

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	17.2	10.3	15.5#



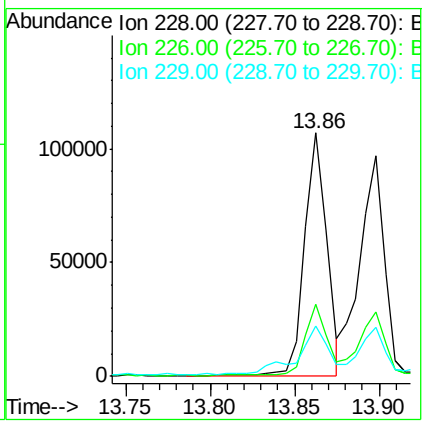


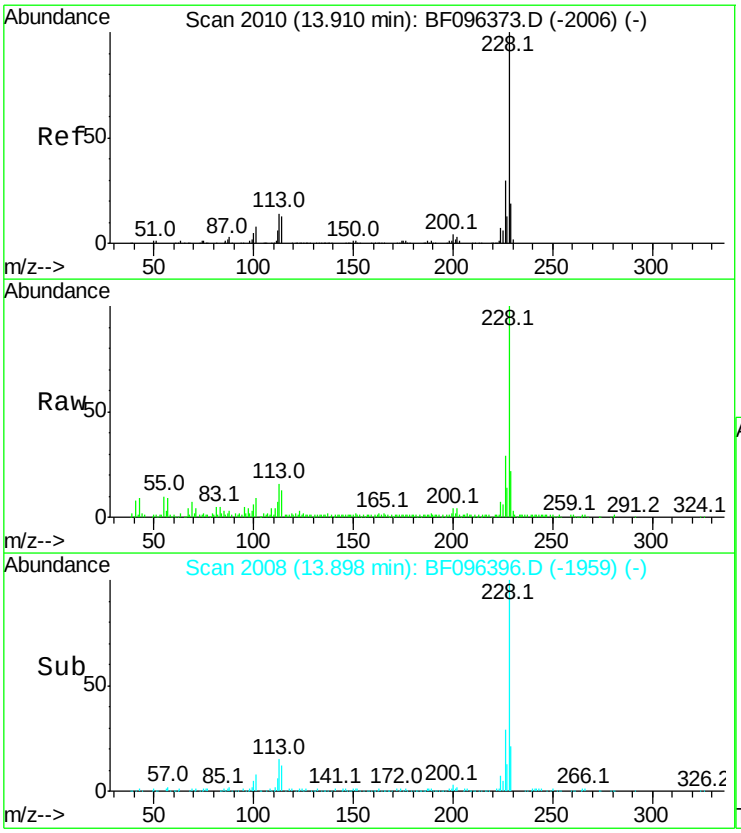
#80
Benzo(a)anthracene
Concen: 6.59 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 96913

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.5	16.3	24.5

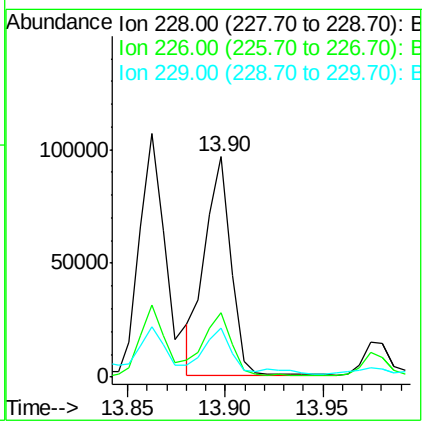


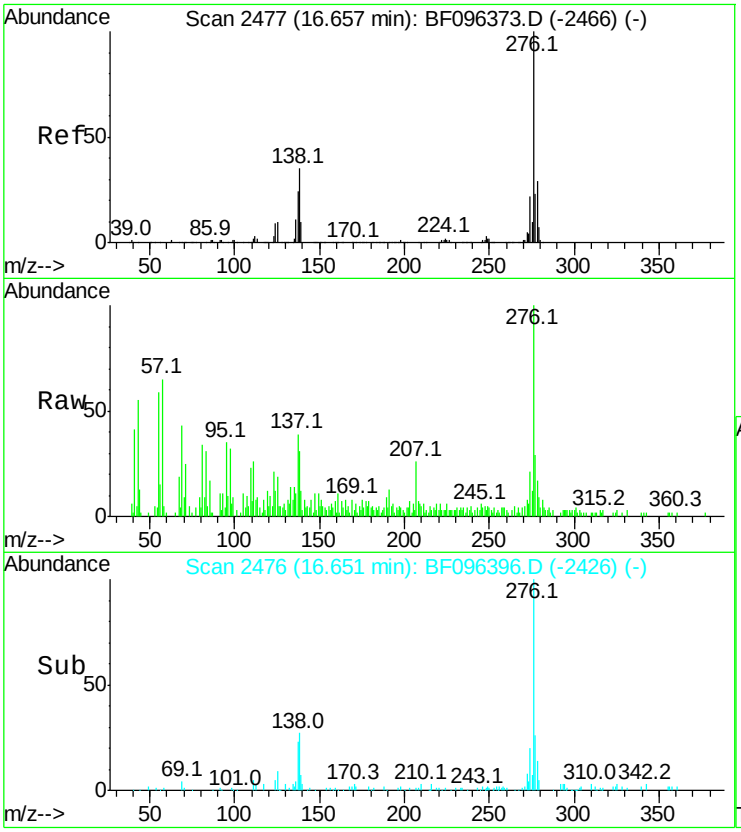


#82
Chrysene
Concen: 5.89 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:228 Resp: 90649

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	22.0	15.8	23.6



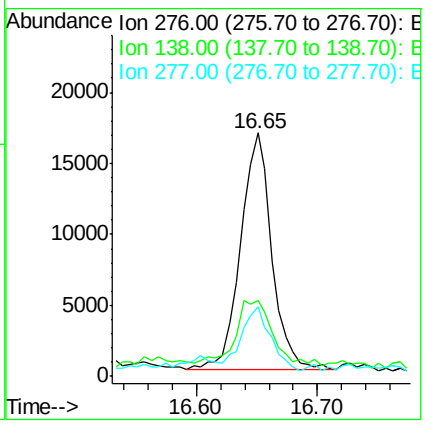


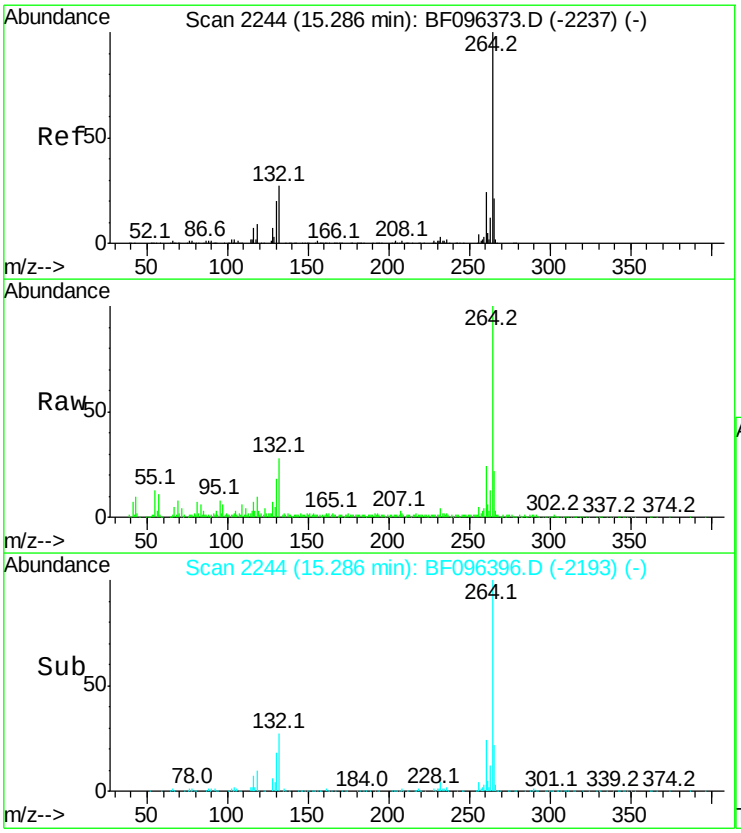
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.48 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30137

Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	25.4	20.2	30.4

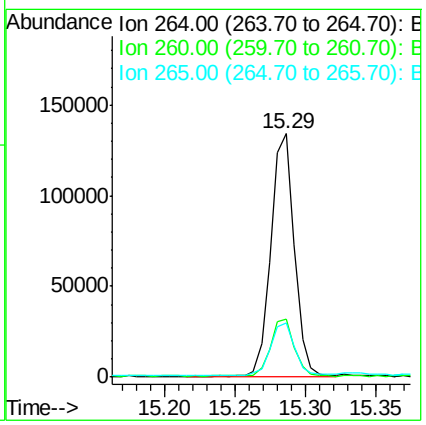


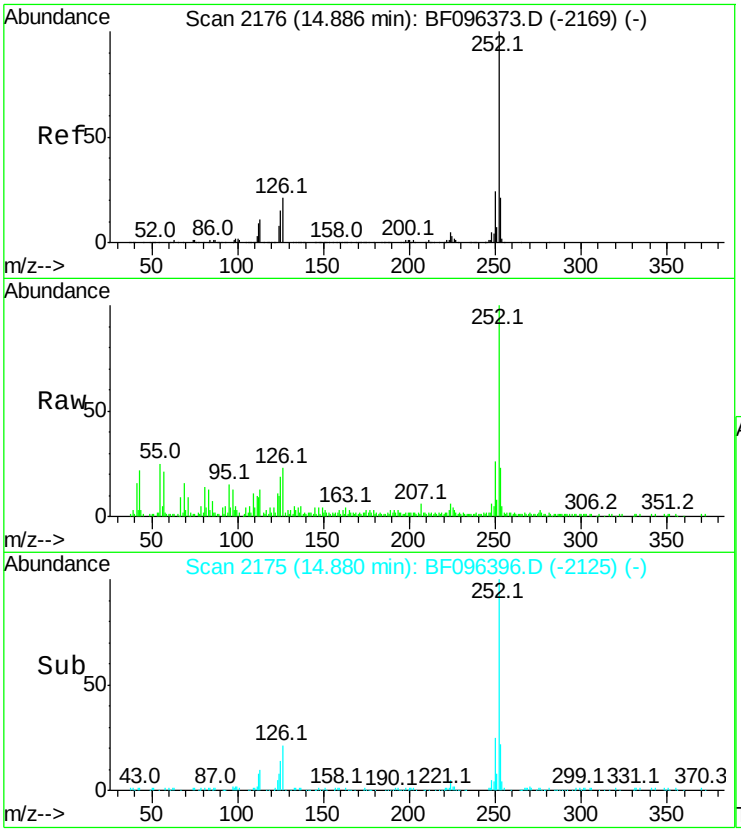


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:264 Resp: 157041

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	17.2	25.8



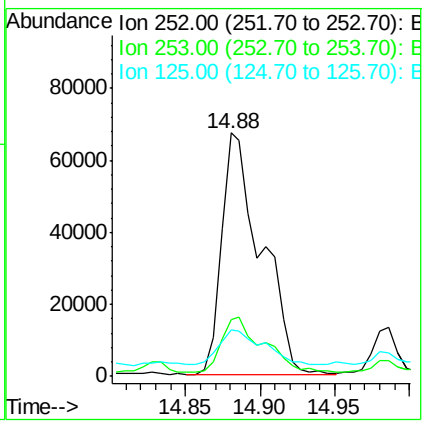


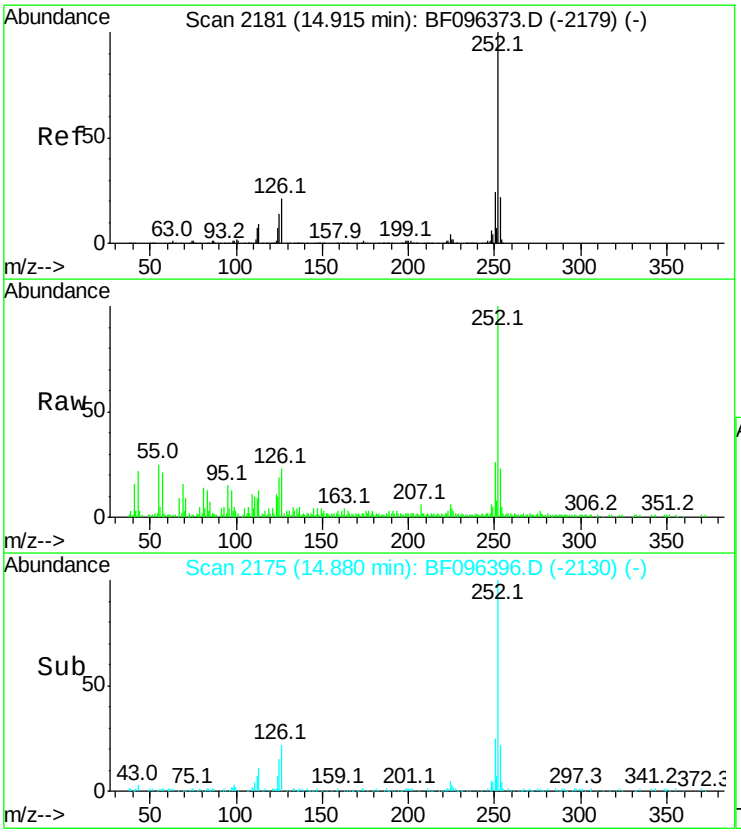
#87
Benzo(b)fluoranthene
Concen: 12.71 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 125065

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.1	9.8	14.8#

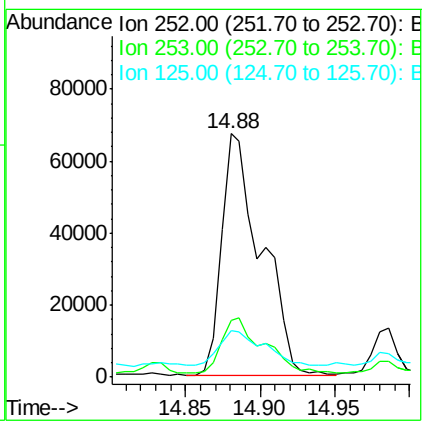


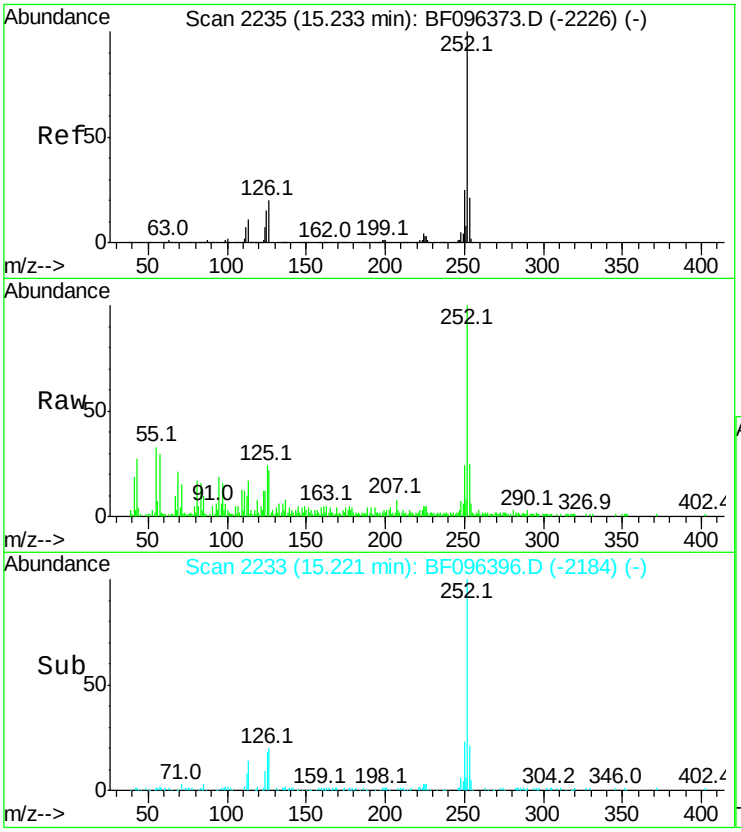


#88
Benzo(k)fluoranthene
Concen: 14.21 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:252 Resp: 125065

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	19.1	13.1	19.7



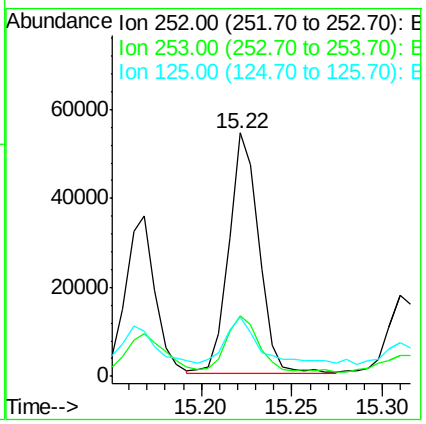


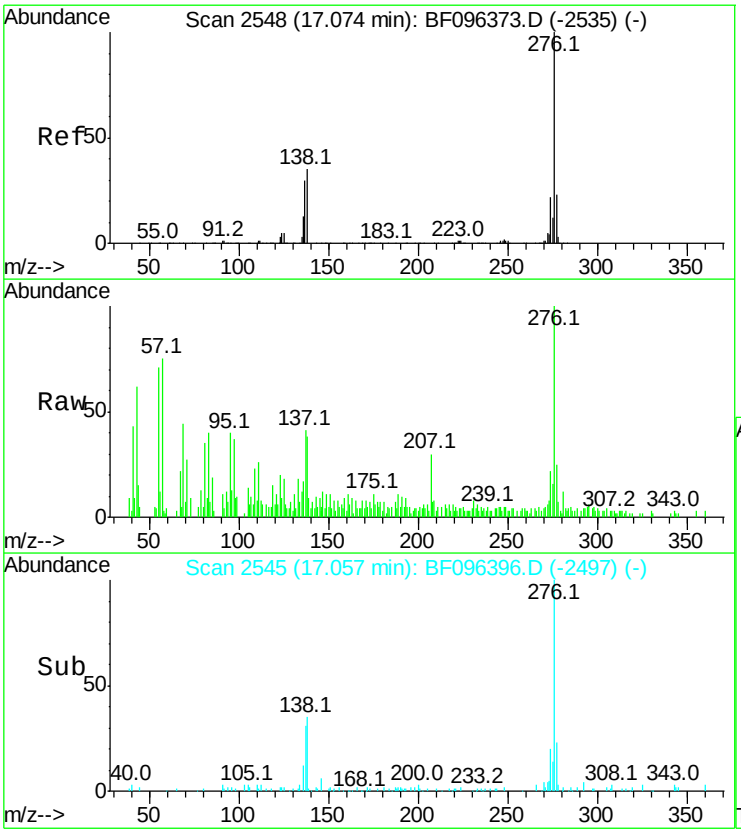
#89
Benzo(a)pyrene
Concen: 7.15 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 62845

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	24.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.03 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion:276 Resp: 28867

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	37.6	25.4	38.0