Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096500.D
Acq On : 5 Jul 2017 23:40
Operator : SJ/MA
Sample : I4029-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 01:44:05 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	6.71	152	96833	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	382095	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	144578	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	197421	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	183716	20.00	ng		-0.01
86) Perylene-d12	15.26	264	157669	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	199010	30.33	ng		0.00
7) Phenol-d6	6.34	99	207254	25.70	ng		-0.02
23) Nitrobenzene-d5	7.26	82	110847	17.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	27808	24.62	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	199358	23.58	ng		-0.01
78) Terphenyl-d14	12.81	244	106195	12.35	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	13264	2.76	ng	#	86
25) Isophorone	7.26	82	110677	8.98	ng	#	67
50) 2,6-Dinitrotoluene	9.75	165	18126	7.59	ng	#	33
56) 2,4-Dinitrotoluene	9.75	165	18126	6.00	ng	#	32
70) Phenanthrene	11.25	178	23683	2.22	ng		99
74) Fluoranthene	12.43	202	62493	5.97	ng		97
77) Pyrene	12.66	202	58375	3.96	ng		97
80) Benzo(a)anthracene	13.85	228	41801	3.93	ng		96
82) Chrysene	13.88	228	35013	3.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	21620	2.46	ng	#	95
87) Benzo(b)fluoranthene	14.86	252	67385	6.82	ng	#	95
88) Benzo(k)fluoranthene	14.86	252	67385	7.63	ng		100
89) Benzo(a)pyrene	15.20	252	38096	4.32	ng		99
91) Benzo(g,h,i)perylene	17.02	276	18958	2.64	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096500.D
Acq On : 5 Jul 2017 23:40
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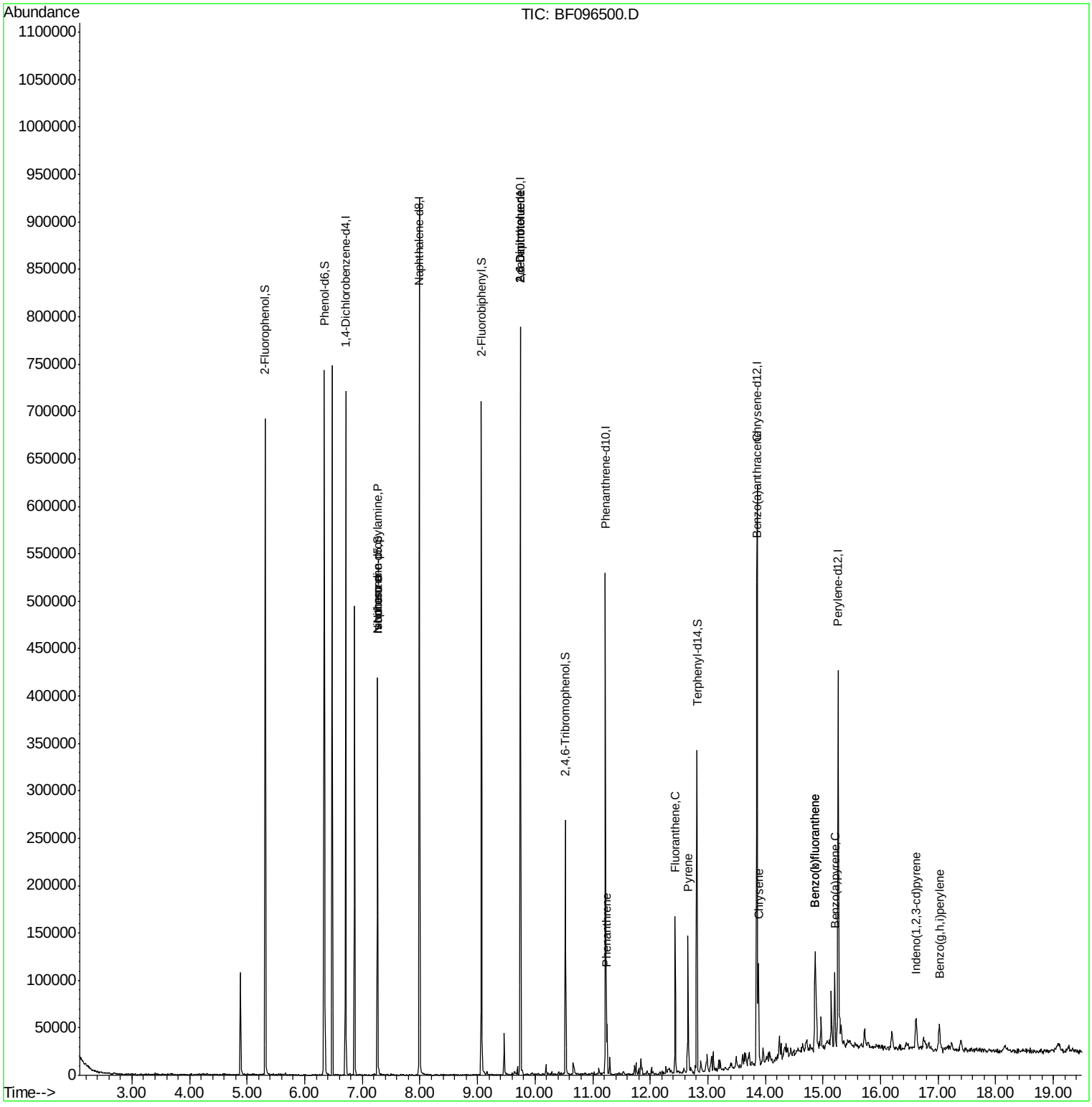
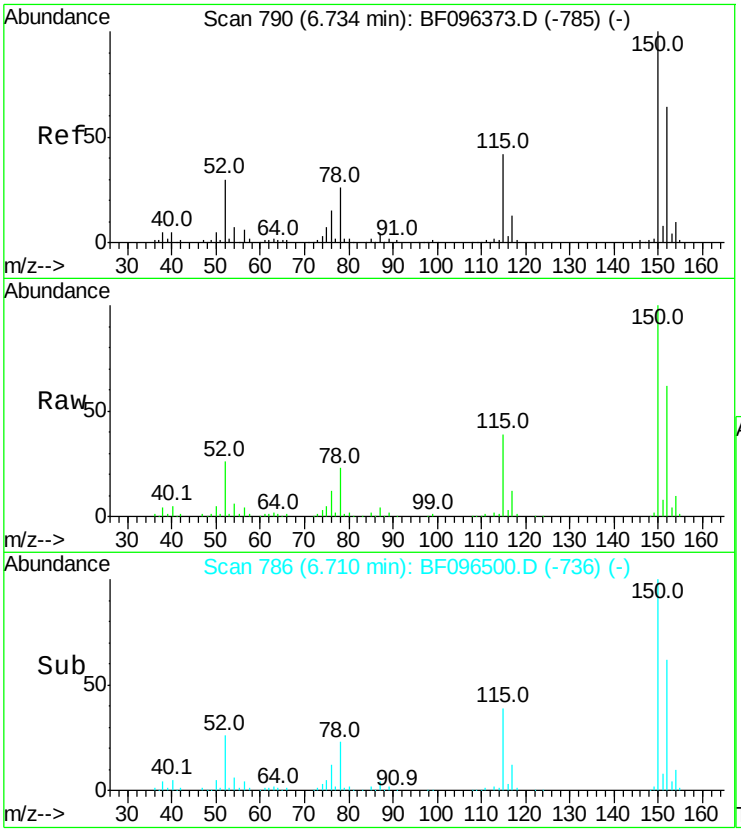
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 06 01:44:05 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



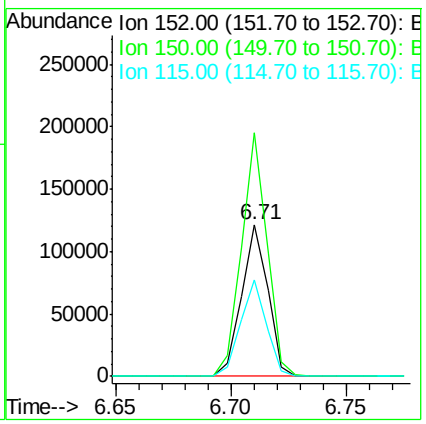


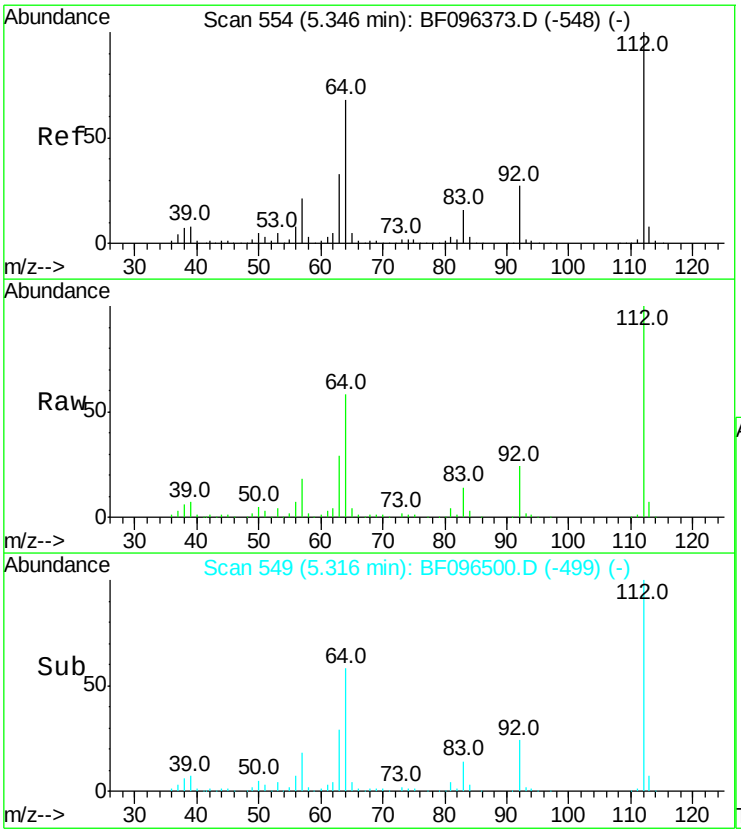
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96833

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	63.1	52.2	78.2

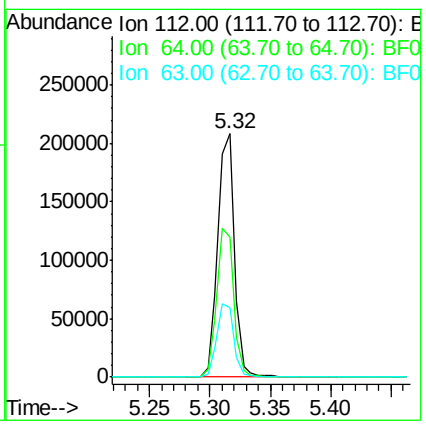


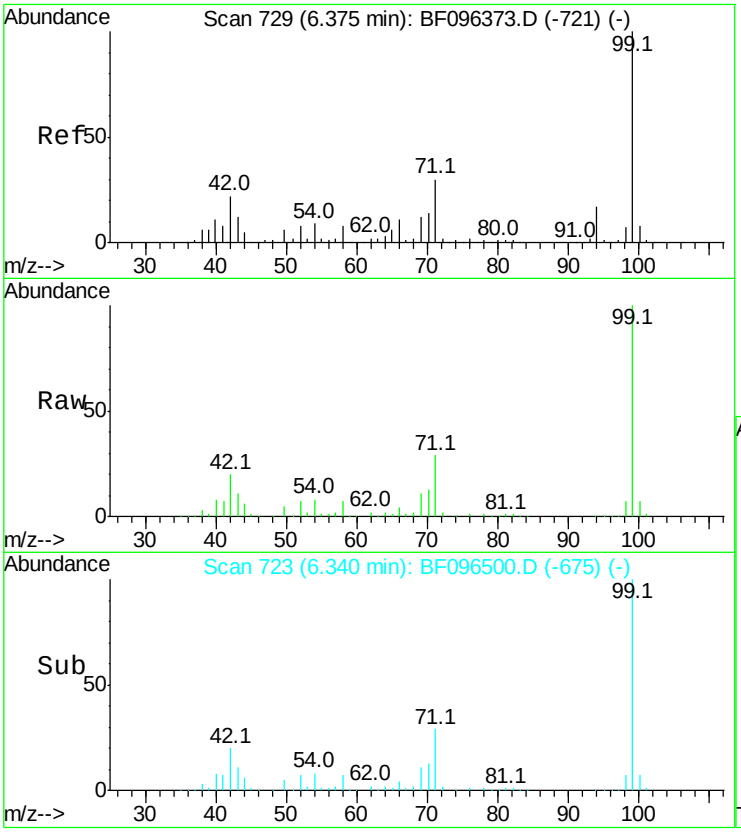


#5
2-Fluorophenol
Concen: 30.33 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:112 Resp: 199010

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	28.6	23.4	35.0



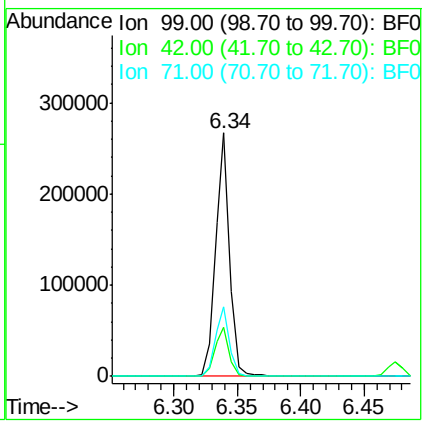


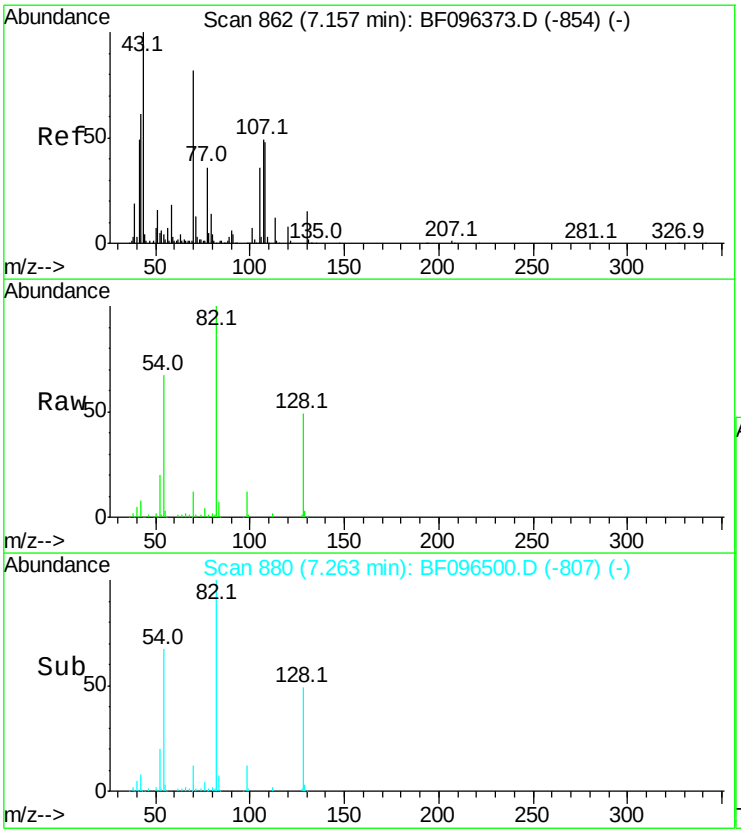
#7
Phenol-d6
Concen: 25.70 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 207254

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.5	20.3
71	28.5	24.5	36.7

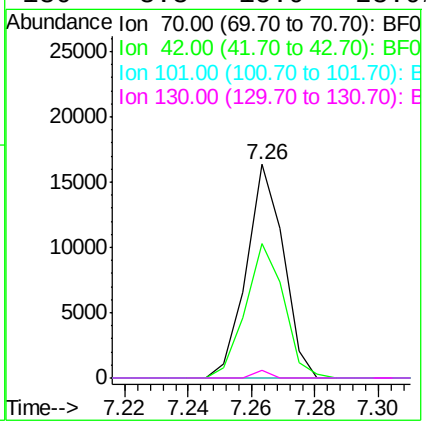


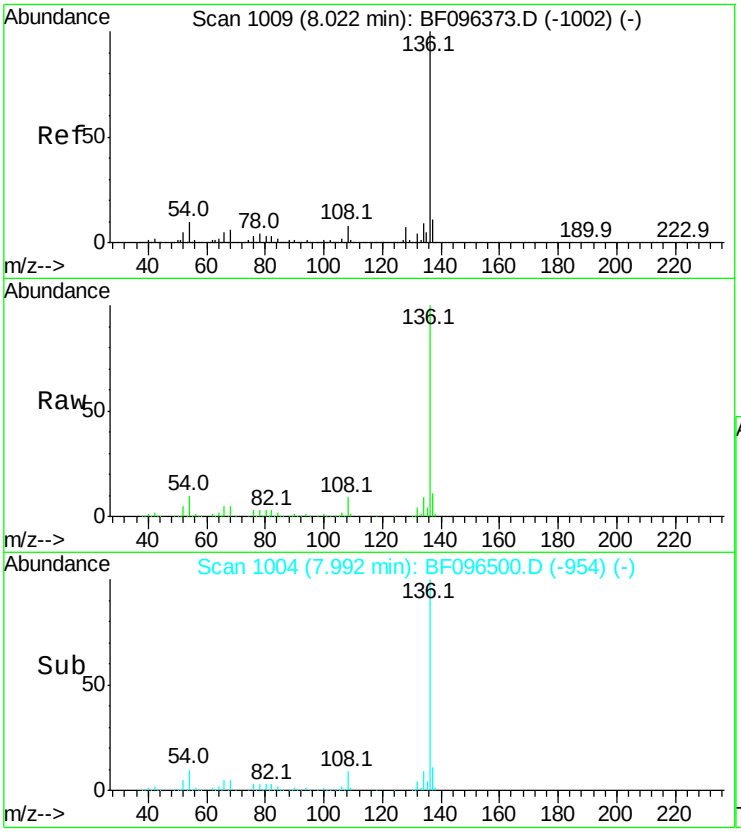


#19
n-Nitroso-di-n-propylamine
Concen: 2.76 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion: 70 Resp: 13264

Ion	Ratio	Lower	Upper
70	100		
42	63.0	47.2	70.8
101	0.0	7.2	10.8#
130	3.3	15.9	23.9#



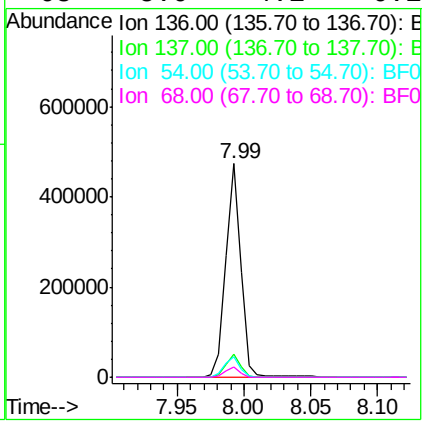


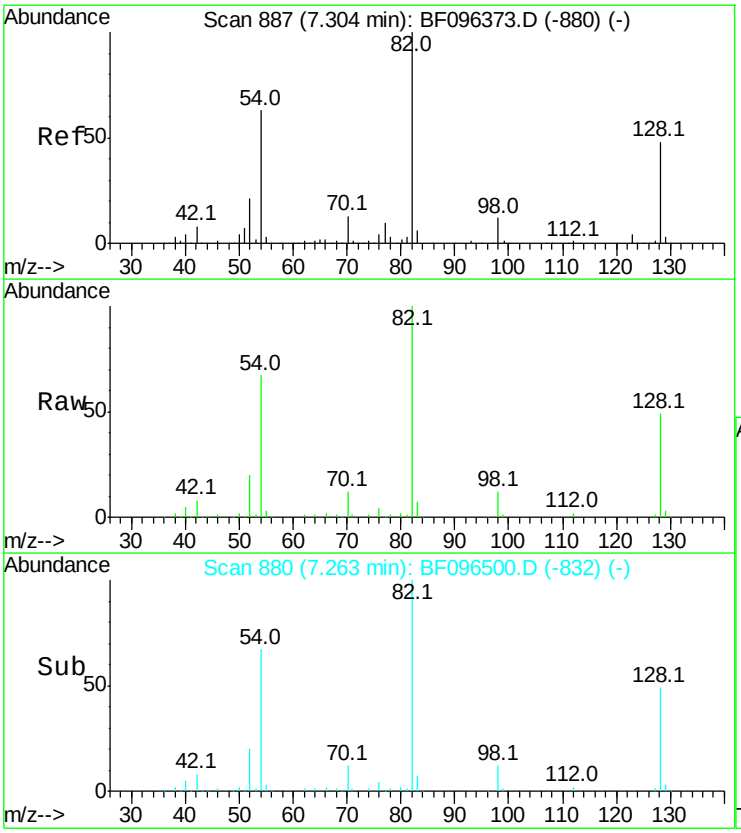
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 382095

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.6	4.9	7.3#
68	5.0	4.1	6.1

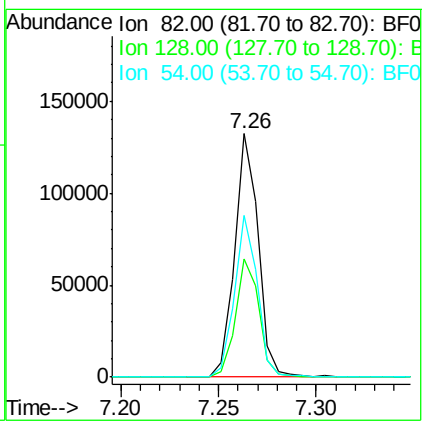


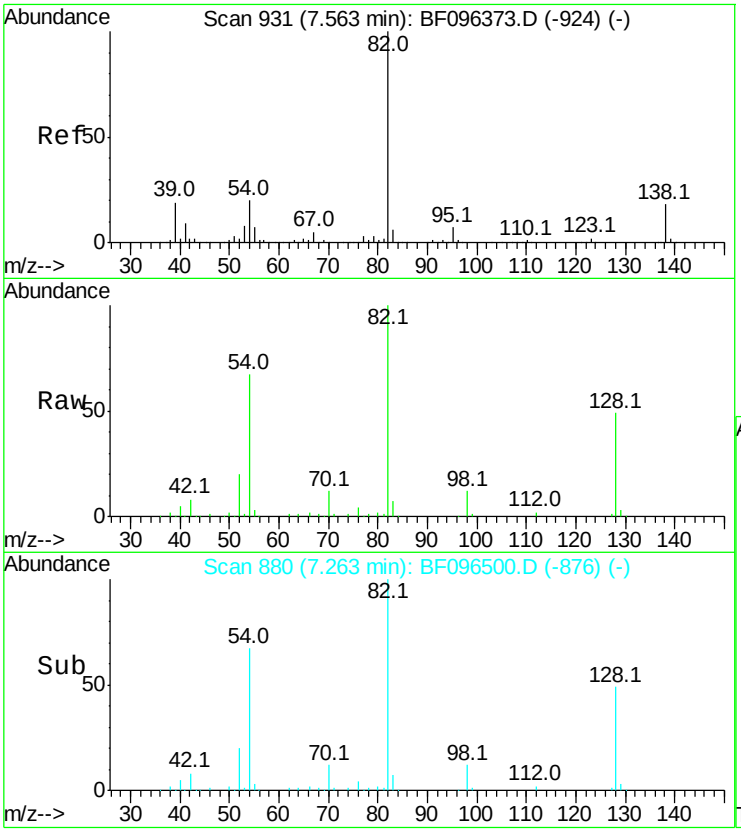


#23
Nitrobenzene-d5
Concen: 17.43 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion: 82 Resp: 110847

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	66.6	42.2	63.2#



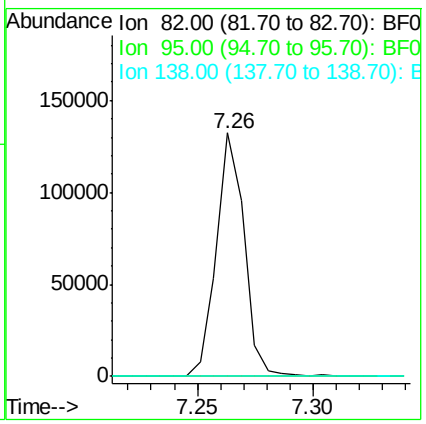


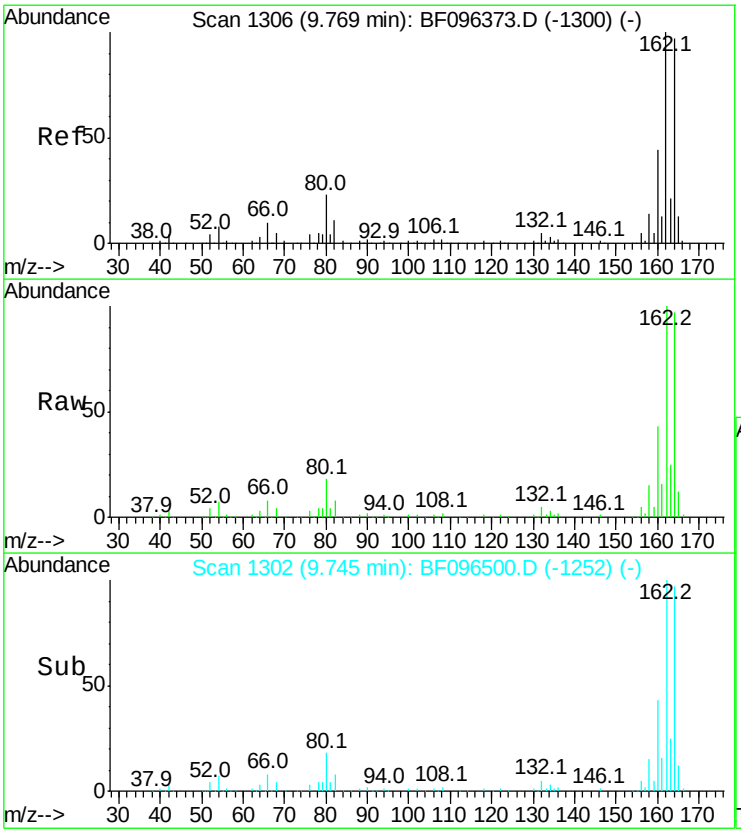
#25
Isophorone
Concen: 8.98 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 110677

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

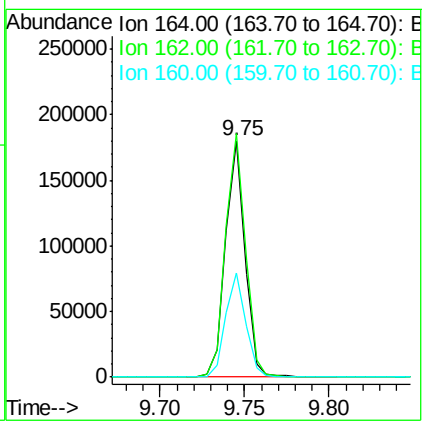


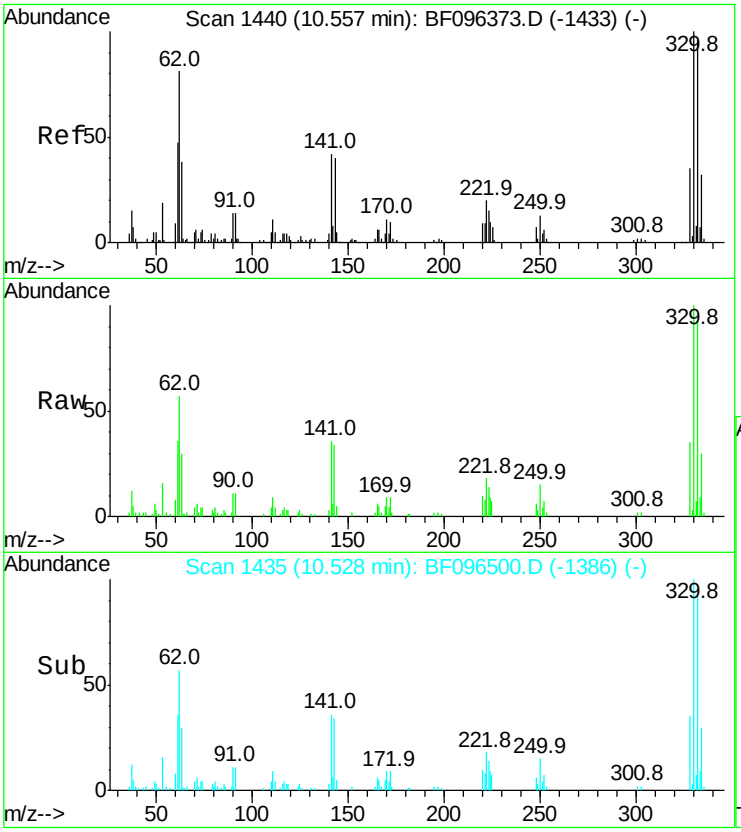


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:164 Resp: 144578

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.0	36.2	54.2



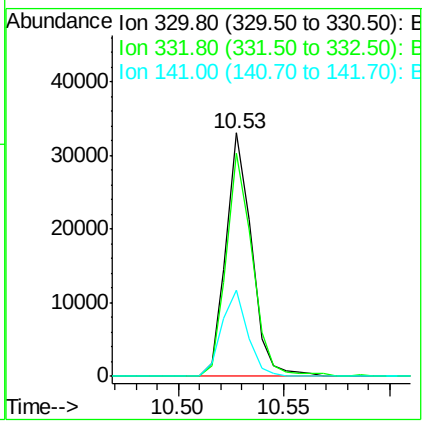


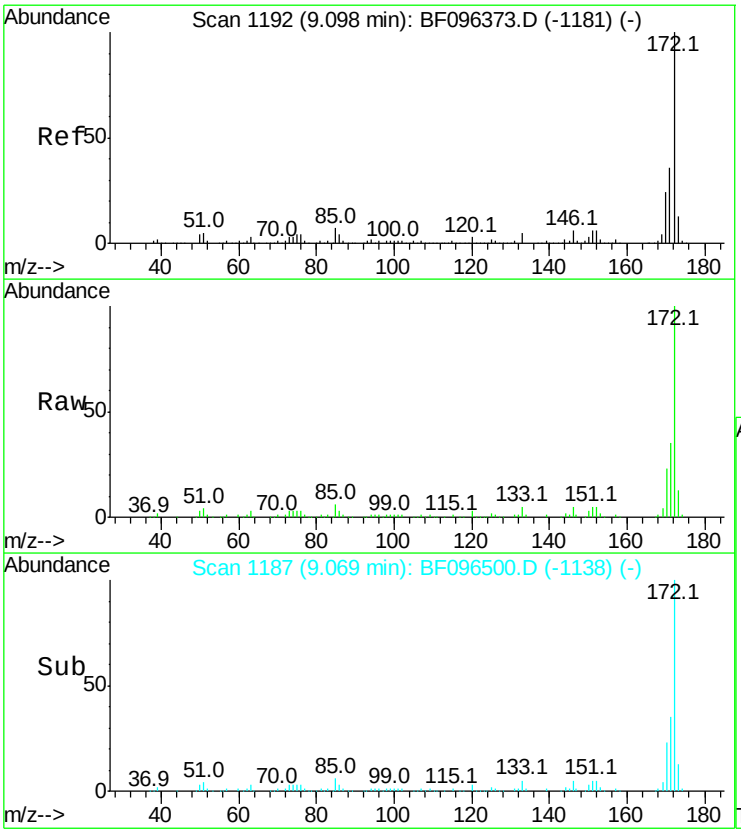
#41
2,4,6-Tribromophenol
Concen: 24.62 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 27808

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	35.7	31.4	47.2

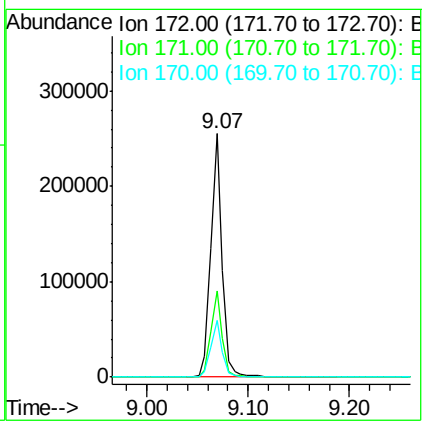


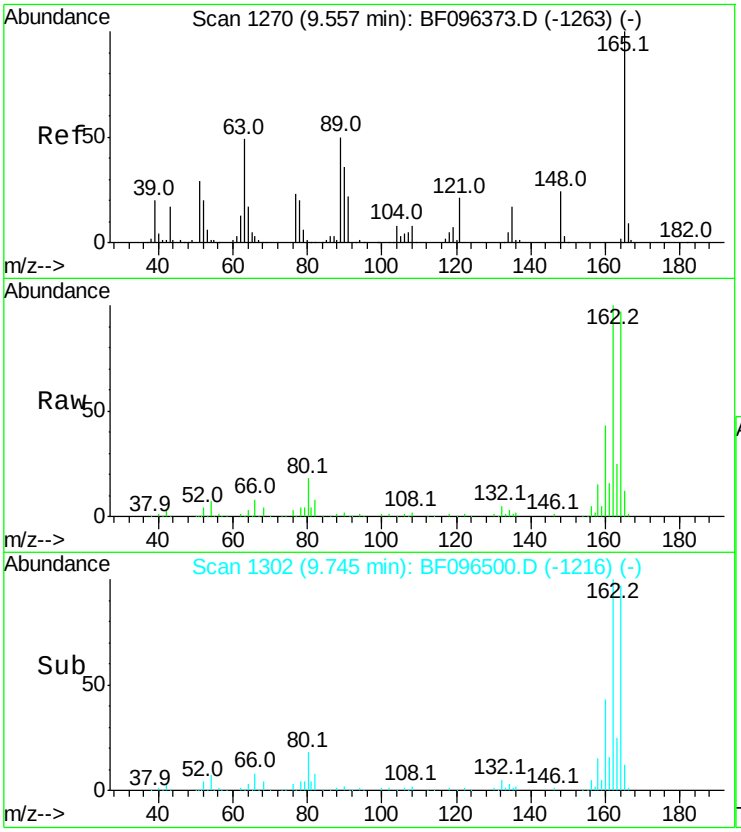


#44
2-Fluorobiphenyl
Concen: 23.58 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:172 Resp: 199358

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.8	29.8



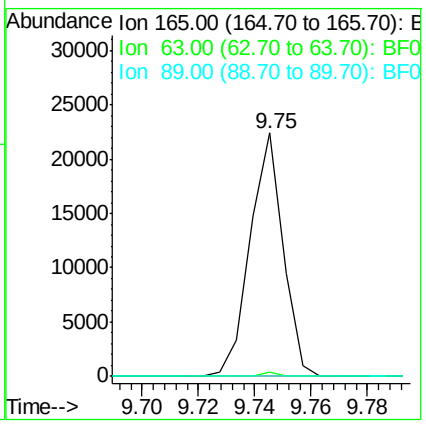


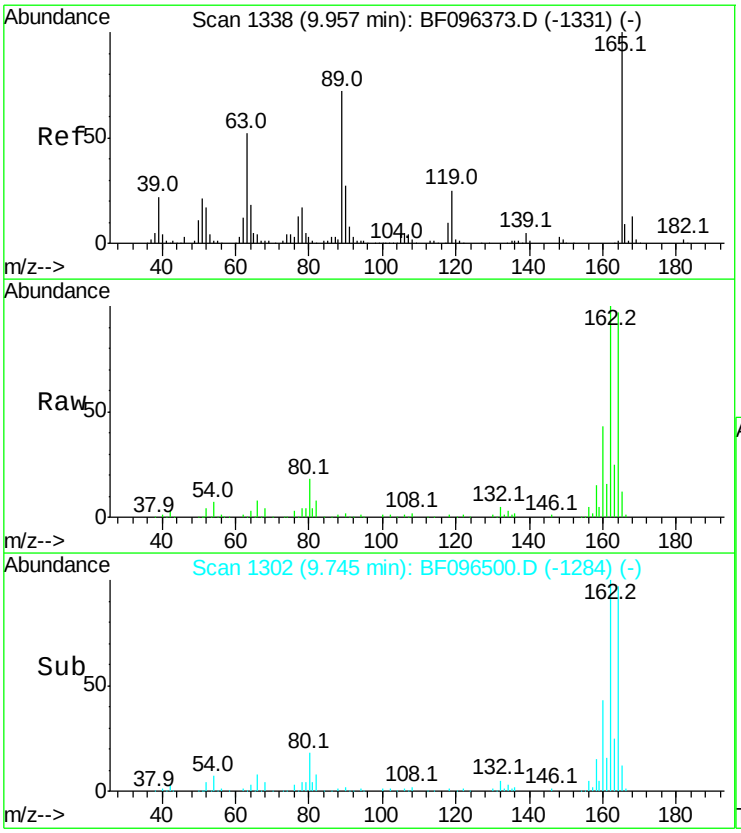
#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.21 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18126

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	0.0	37.1	55.7#

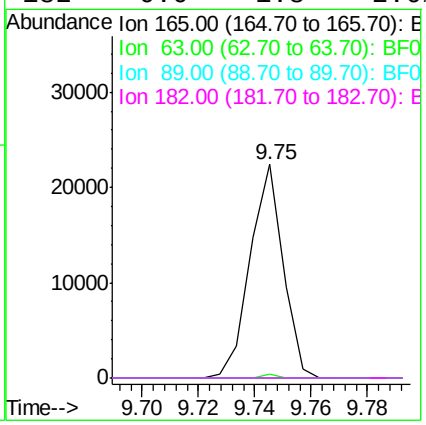


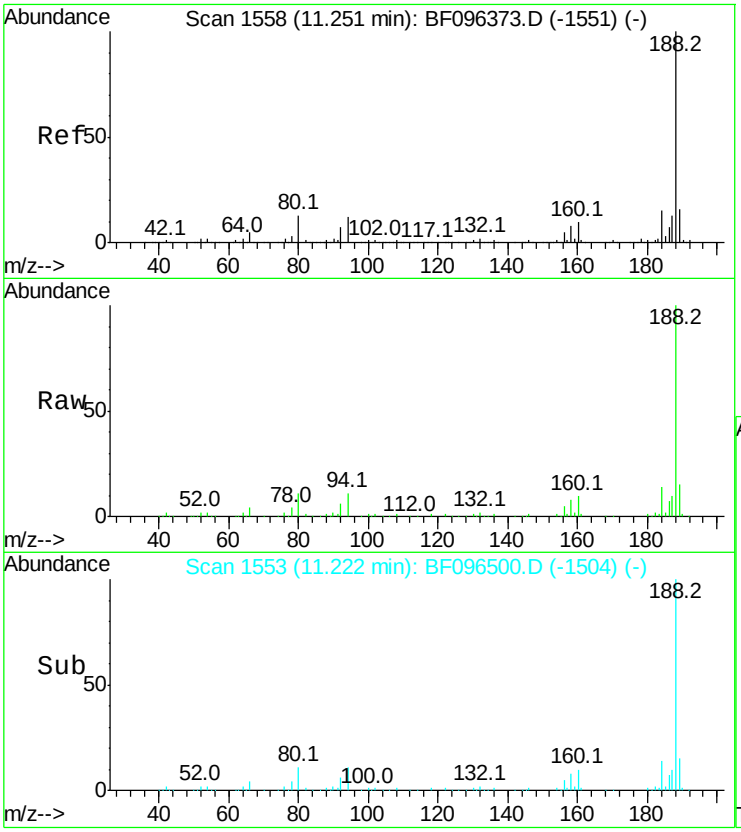


#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.19 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:165 Resp: 18126

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



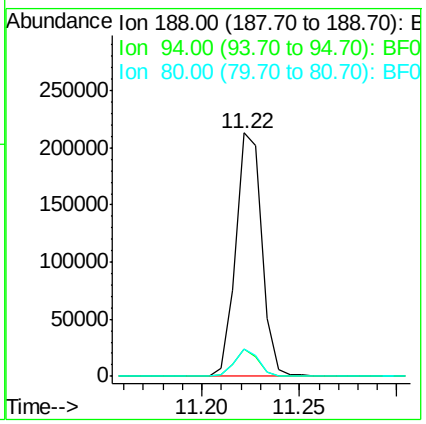


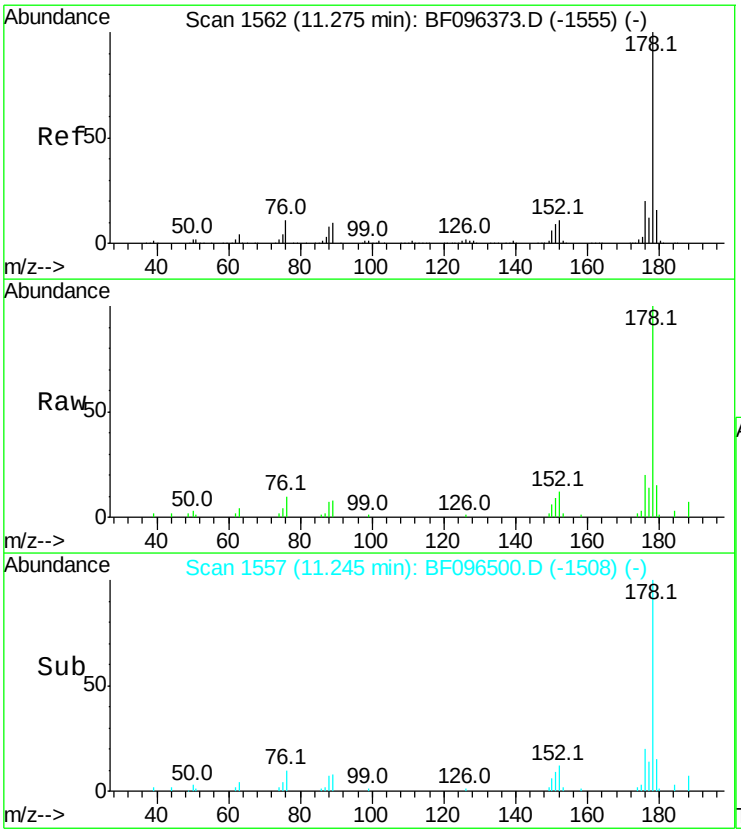
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 197421

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.2	10.2	15.2

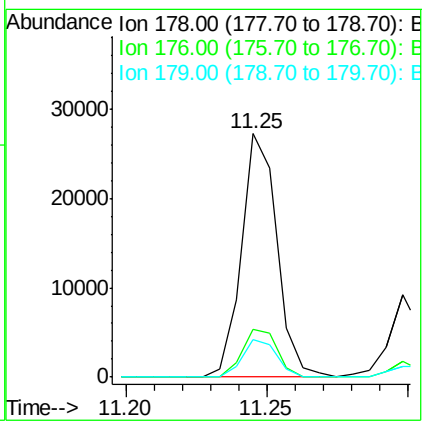


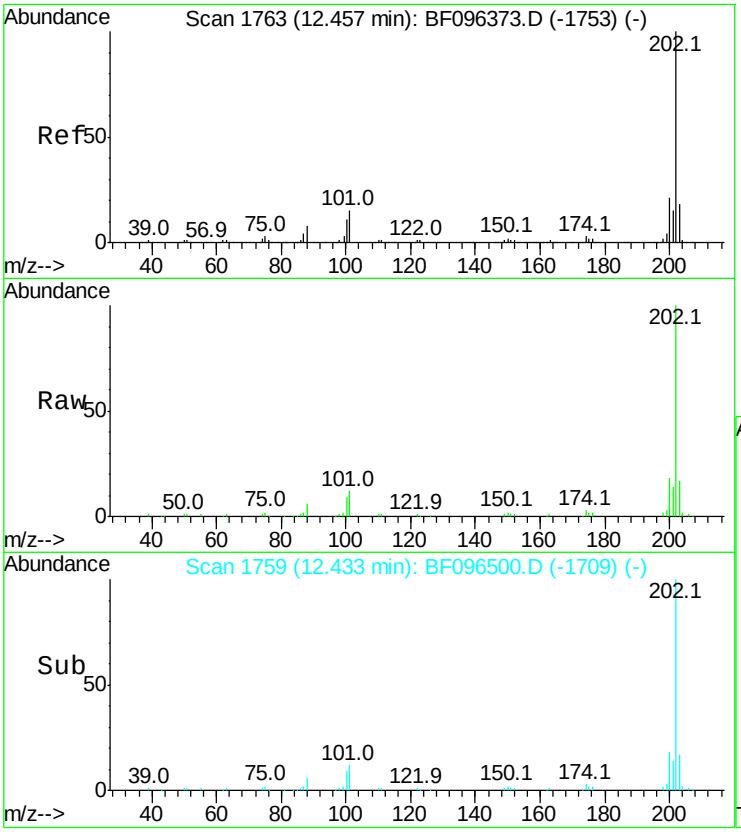


#70
Phenanthrene
Concen: 2.22 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:178 Resp: 23683

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.6	19.0



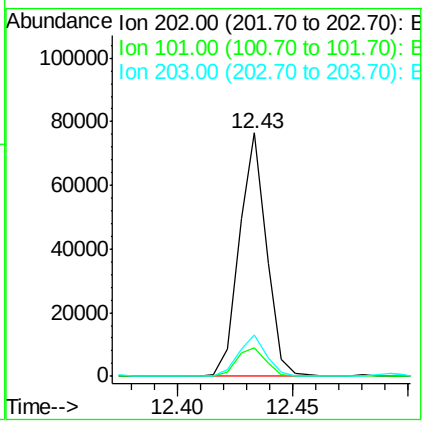


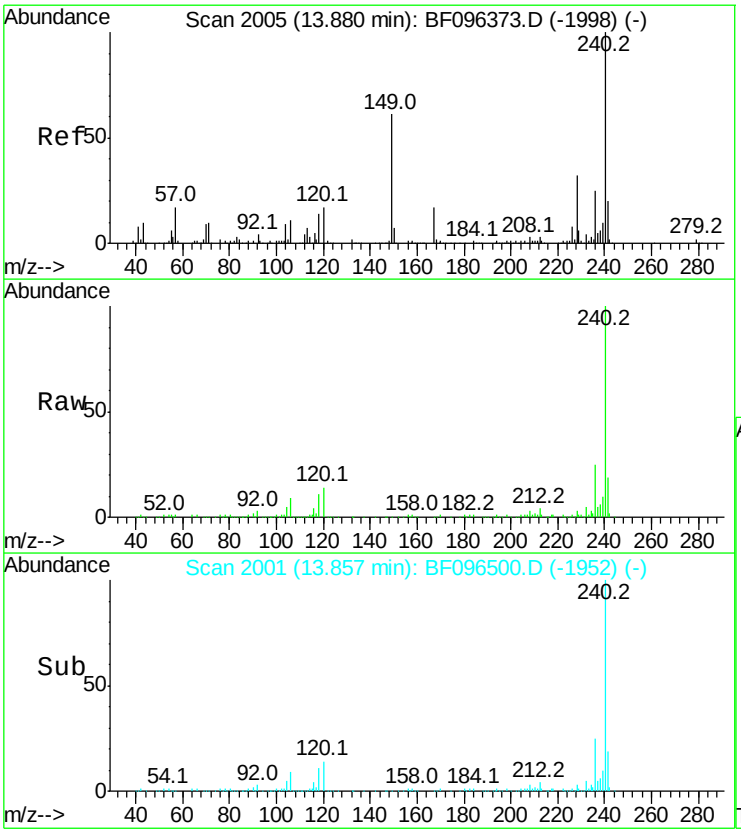
#74
Fluoranthene
Concen: 5.97 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 62493

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	16.8	0.0	38.1

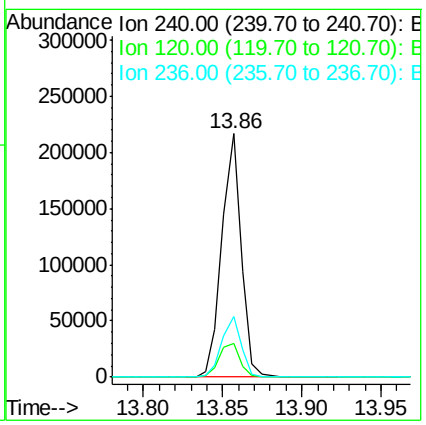


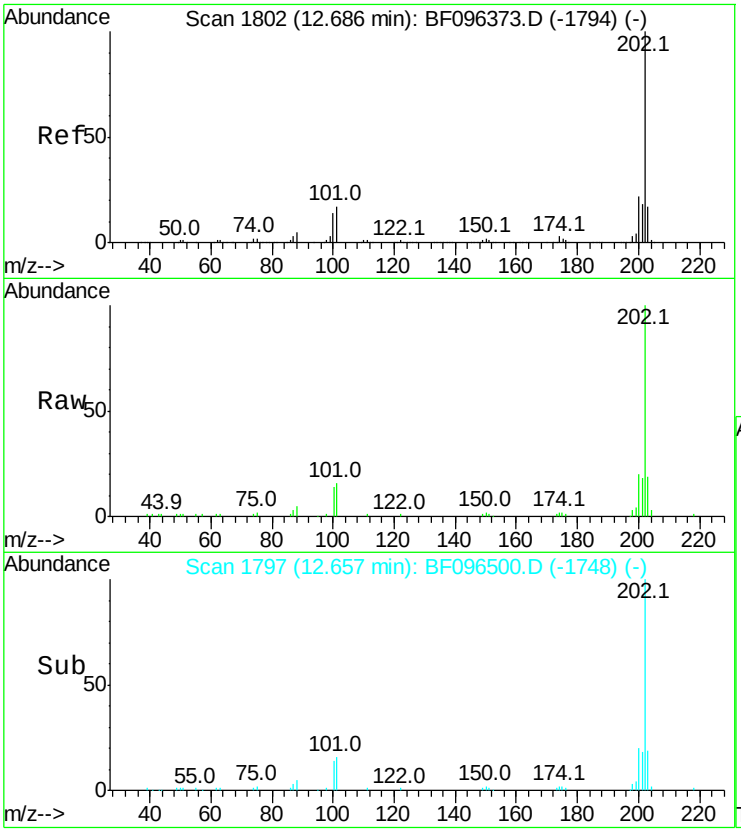


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:240 Resp: 183716

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.1	20.5	30.7



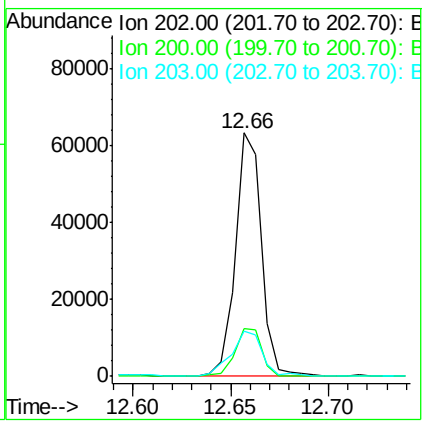


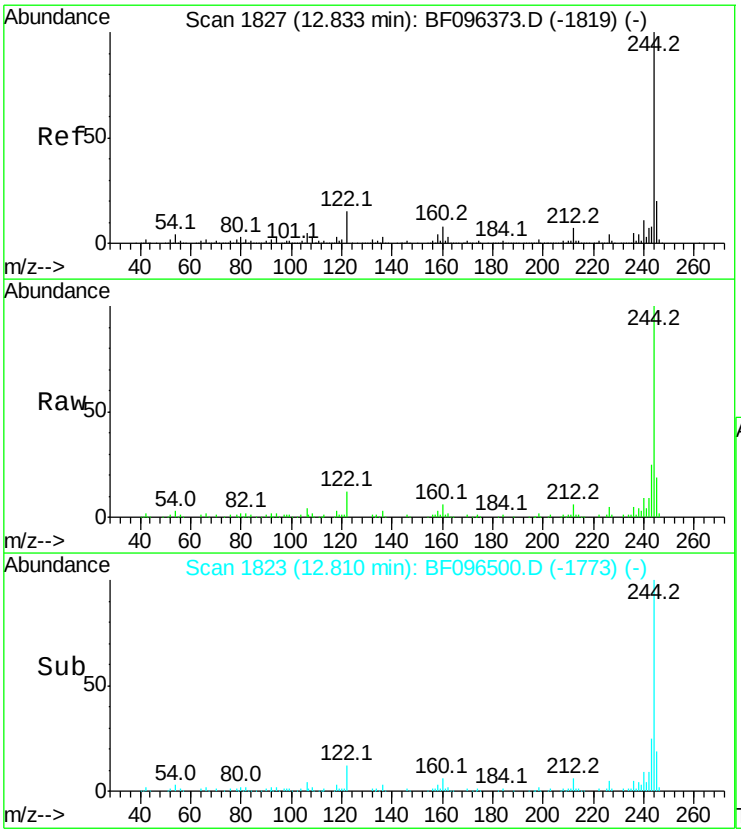
#77
Pyrene
Concen: 3.96 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 58375

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	18.7	14.4	21.6

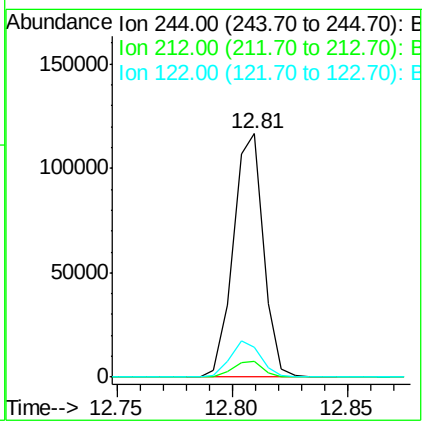


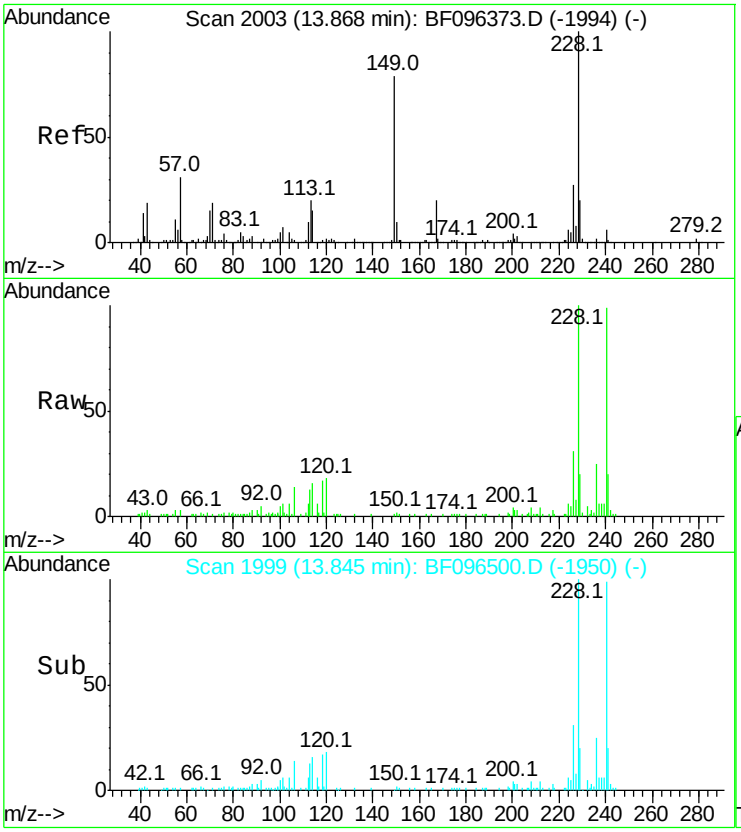


#78
Terphenyl-d14
Concen: 12.35 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:244 Resp: 106195

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	12.3	10.3	15.5



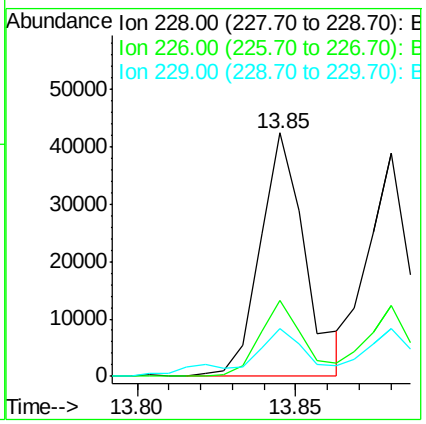


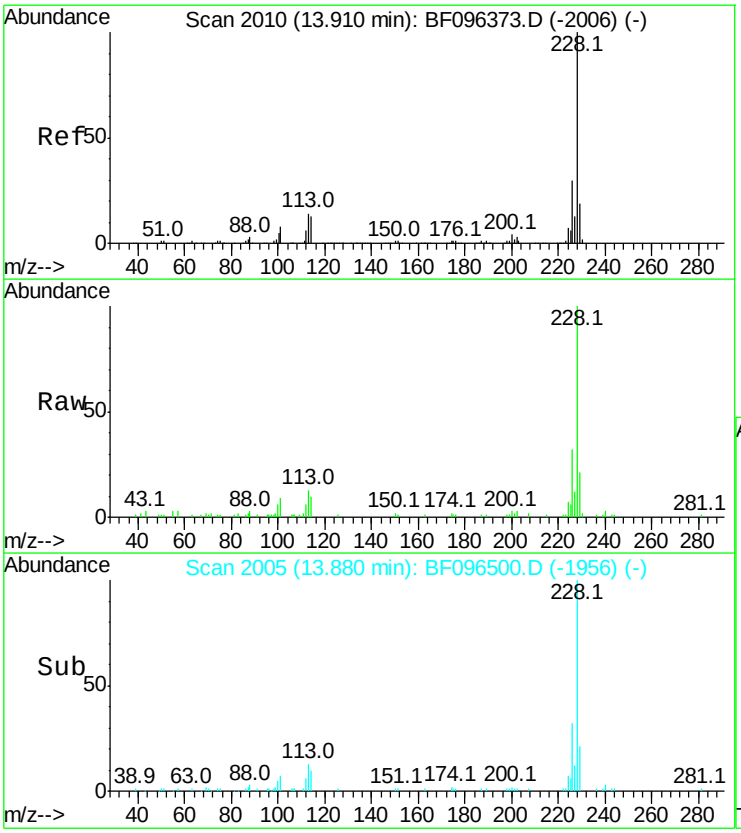
#80
Benzo(a)anthracene
Concen: 3.93 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 41801

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	19.8	16.3	24.5

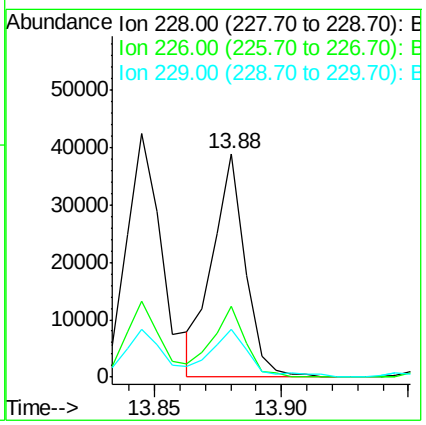


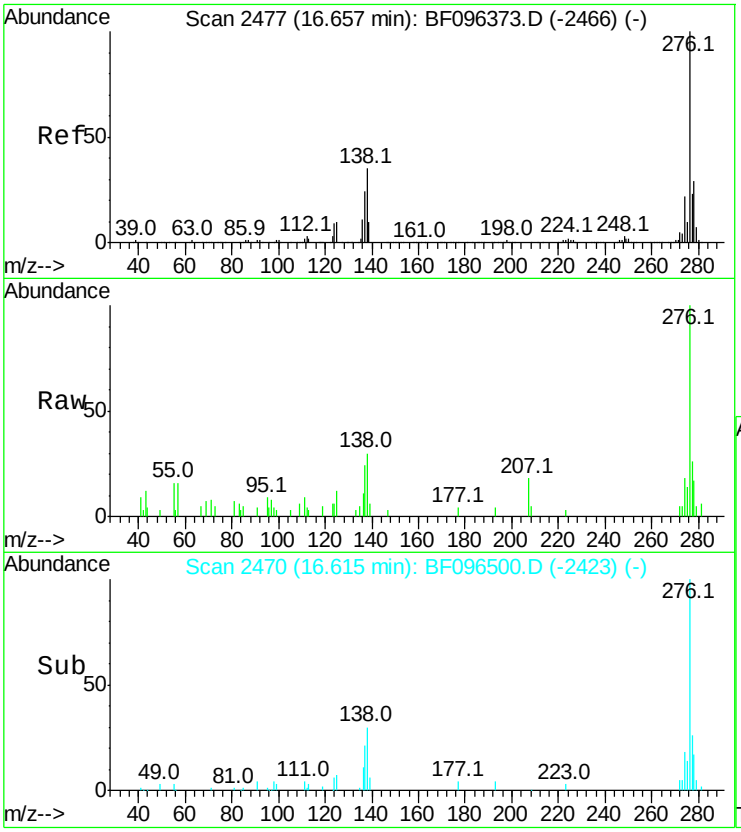


#82
Chrysene
Concen: 3.14 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:228 Resp: 35013

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.3	15.8	23.6



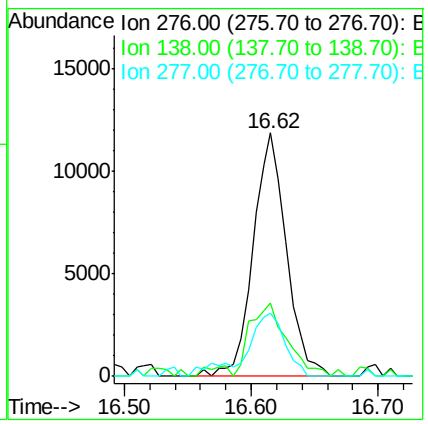


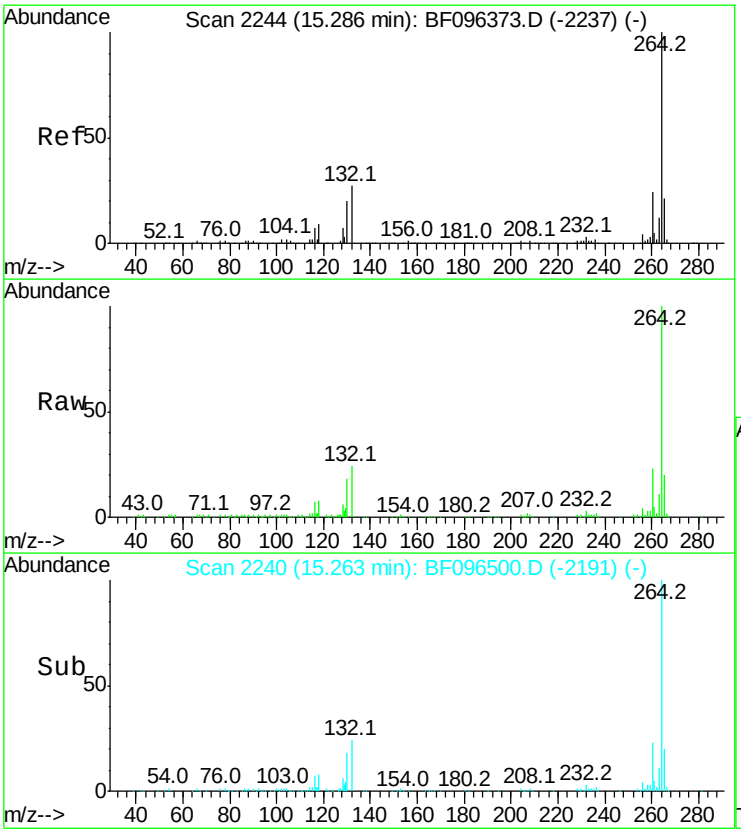
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.46 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 21620

Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	30.4	20.2	30.4#

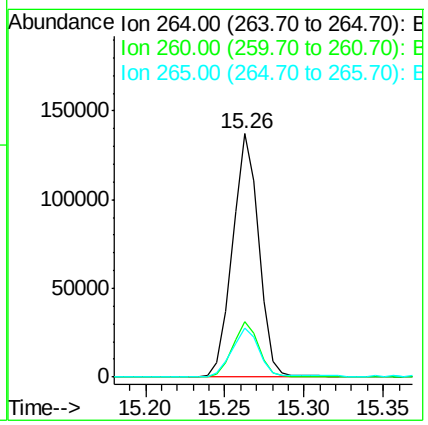


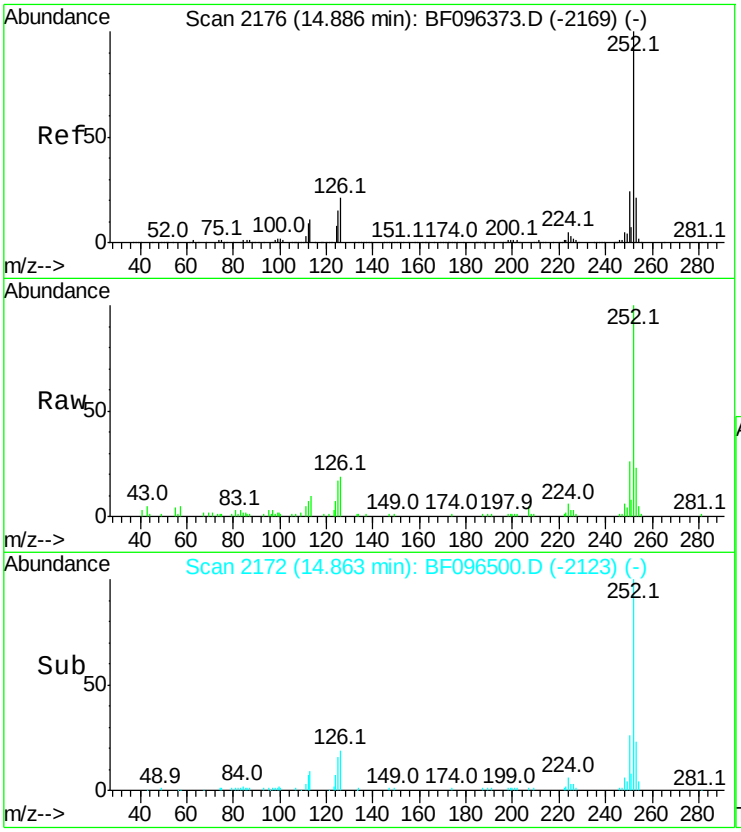


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:264 Resp: 157669

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.4	17.2	25.8



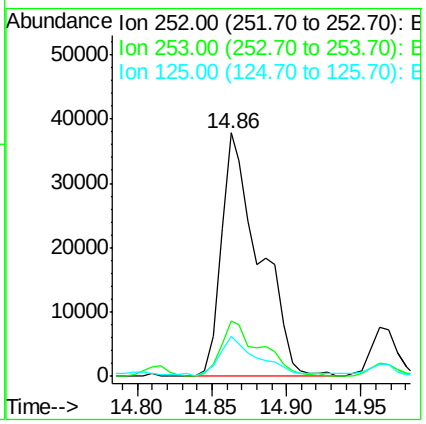


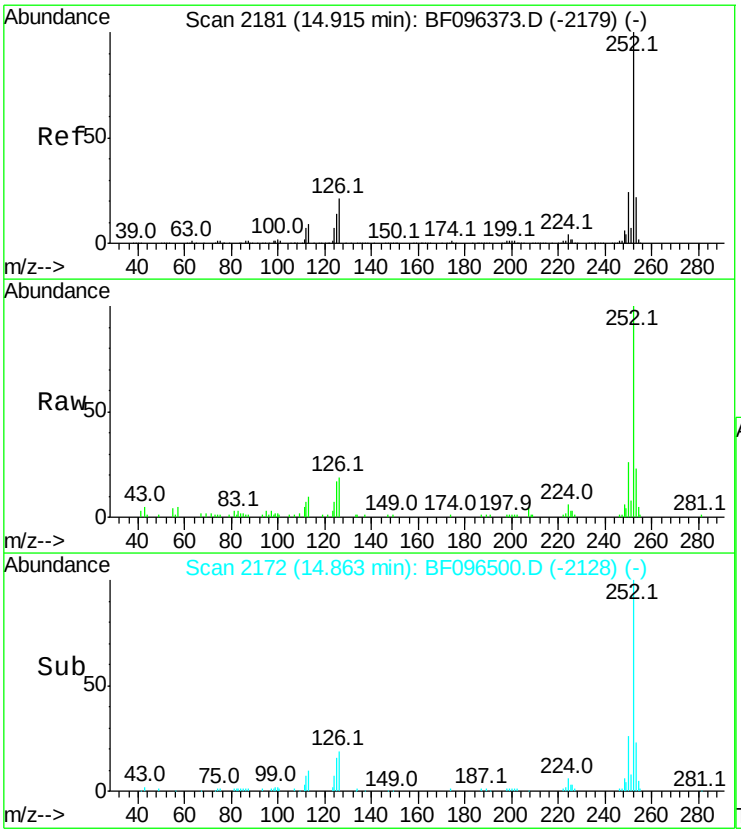
#87
Benzo(b)fluoranthene
Concen: 6.82 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 67385

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	16.7	9.8	14.8#

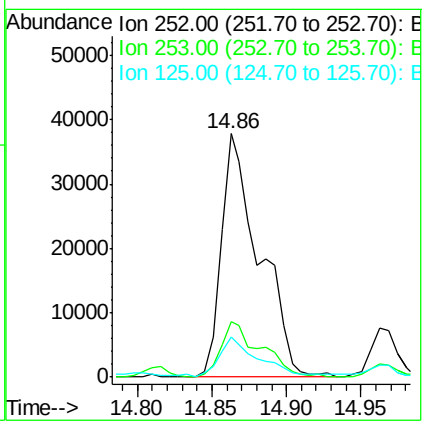


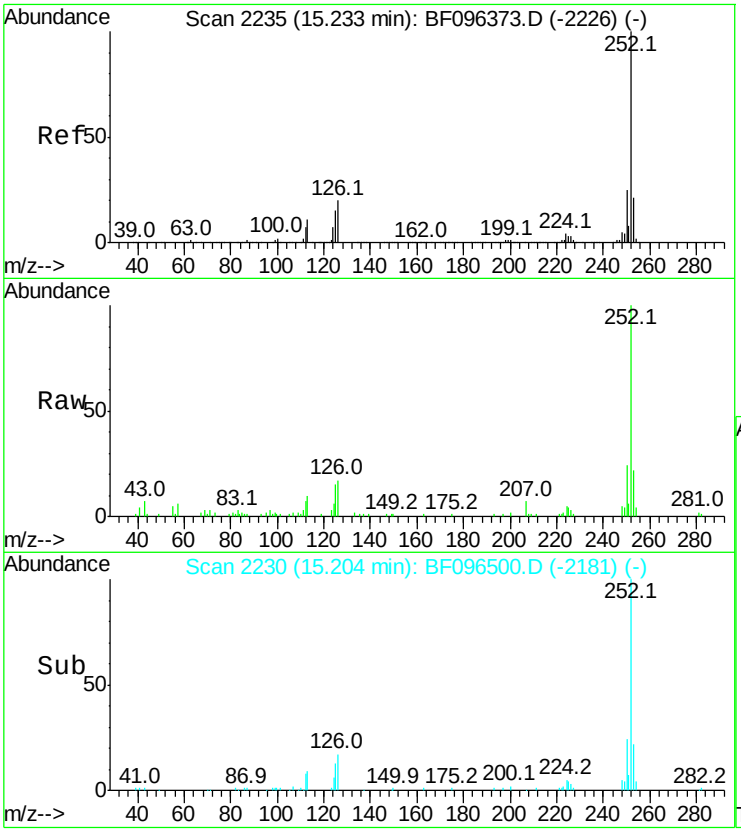


#88
Benzo(k)fluoranthene
Concen: 7.63 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:252 Resp: 67385

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	16.7	13.1	19.7



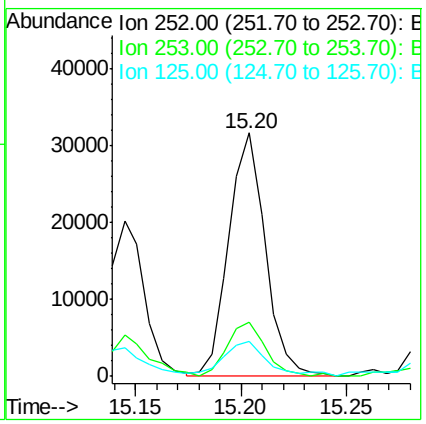


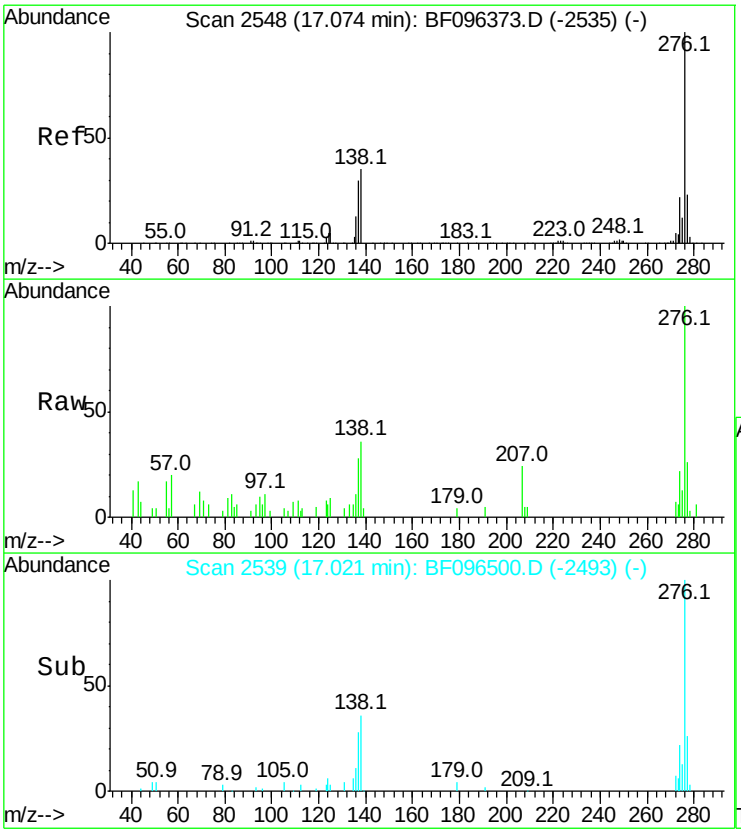
#89
Benzo(a)pyrene
Concen: 4.32 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38096

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.5	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.64 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF096500.D
Acq: 5 Jul 2017 23:40

Tgt Ion:276 Resp: 18958

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	35.7	25.4	38.0