Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
Data File : BF096580.D
Acq On : 8 Jul 2017 1:04
Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 08 01:47:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106011	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	417560	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	156639	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	235893	20.00	ng		0.00
75) Chrysene-d12	13.84	240	197272	20.00	ng		0.00
86) Perylene-d12	15.24	264	129797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	631705	87.95	ng		0.00
7) Phenol-d6	6.34	99	727083	82.34	ng		0.00
23) Nitrobenzene-d5	7.26	82	418267	60.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	115463	94.37	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	652017	71.17	ng		0.00
78) Terphenyl-d14	12.79	244	523657	56.72	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	22768	2.26	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	53650	10.20	ng	#	88
25) Isophorone	7.26	82	415323	30.83	ng	#	67
49) Dimethylphthalate	9.45	163	127799	10.93	ng		100
66) 4-Bromophenyl-phenylether	10.52	248	7381	3.21	ng	#	1
70) Phenanthrene	11.23	178	28709	2.25	ng		96
71) Anthracene	11.23	178	28709	2.21	ng		96
74) Fluoranthene	12.42	202	48833	3.91	ng		98
77) Pyrene	12.65	202	54772	3.46	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	23797	2.66	ng	#	91
87) Benzo(b)fluoranthene	14.85	252	26794	3.29	ng	#	33
88) Benzo(k)fluoranthene	14.85	252	26794	3.68	ng	#	38
89) Benzo(a)pyrene	15.19	252	14975	2.06	ng	#	36
91) Benzo(g,h,i)perylene	17.00	276	11929	2.02	ng	#	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
Data File : BF096580.D
Acq On : 8 Jul 2017 1:04
Operator : SJ/MA
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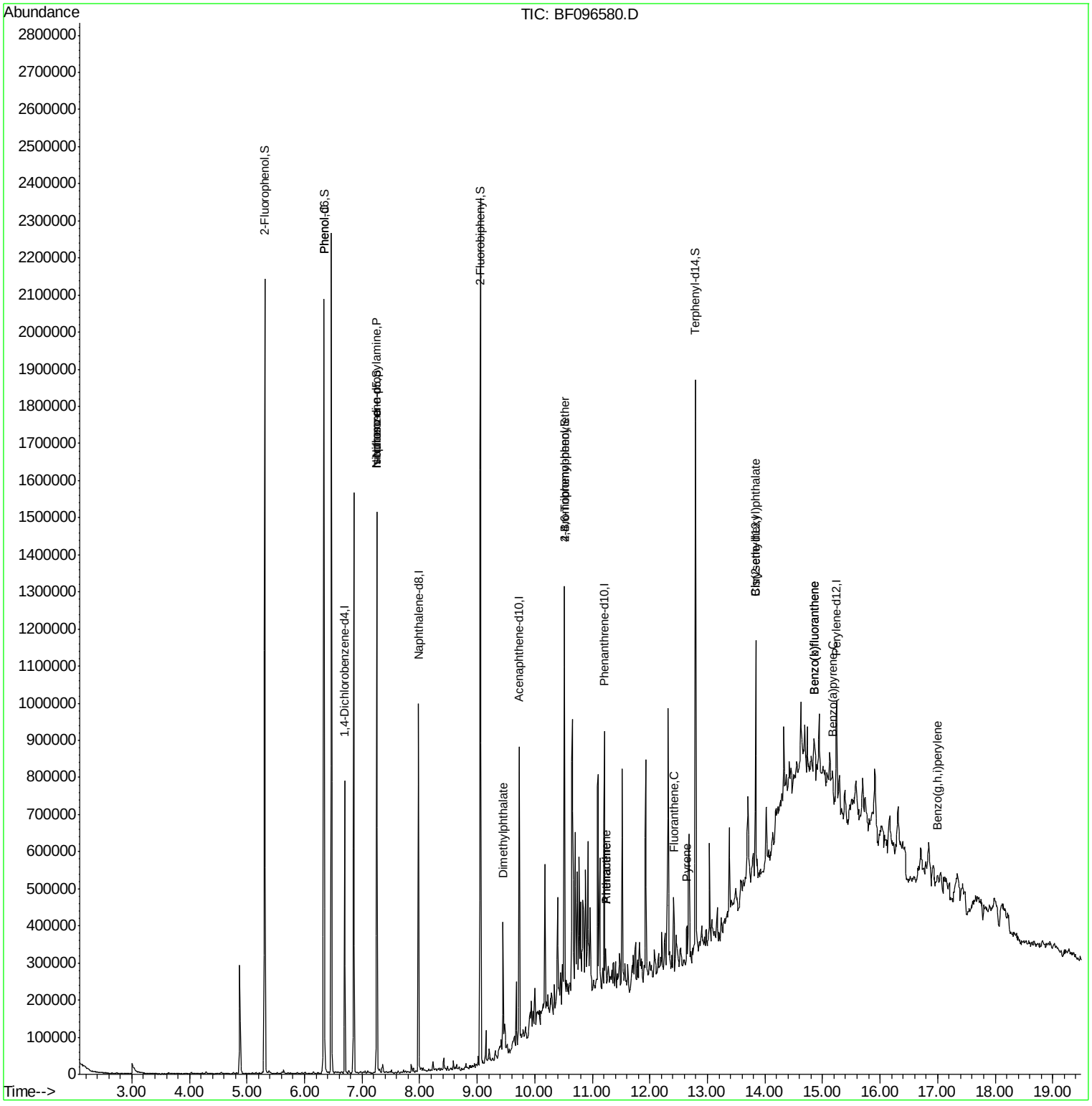
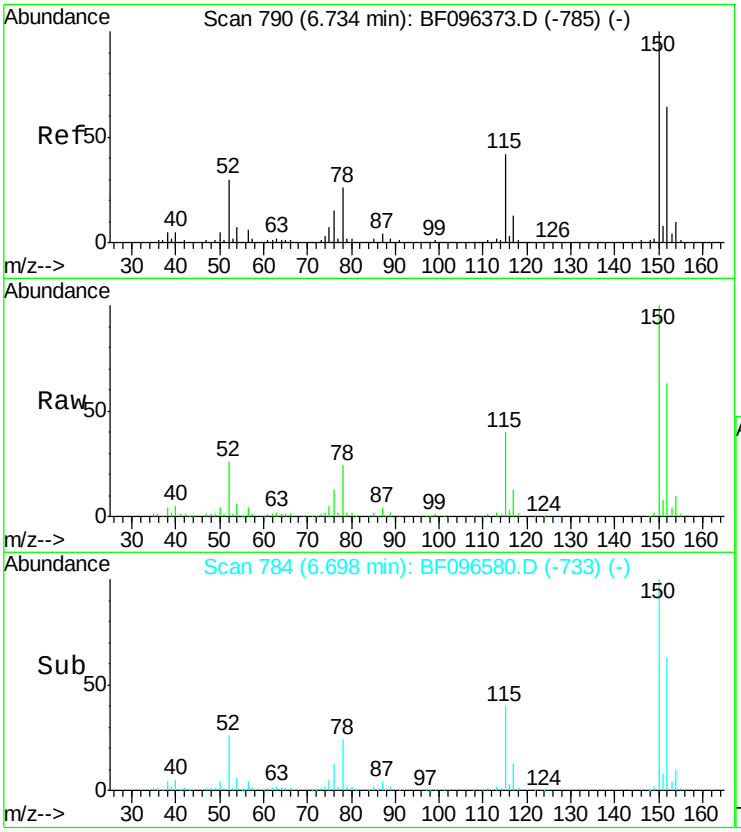
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 08 01:47:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration



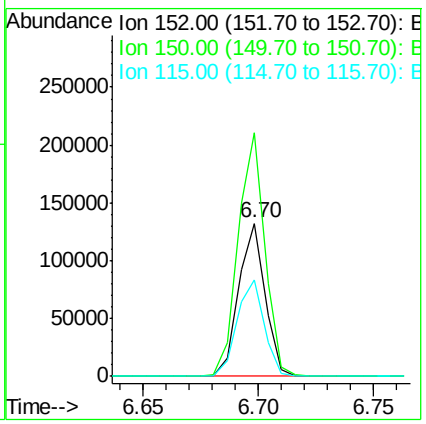


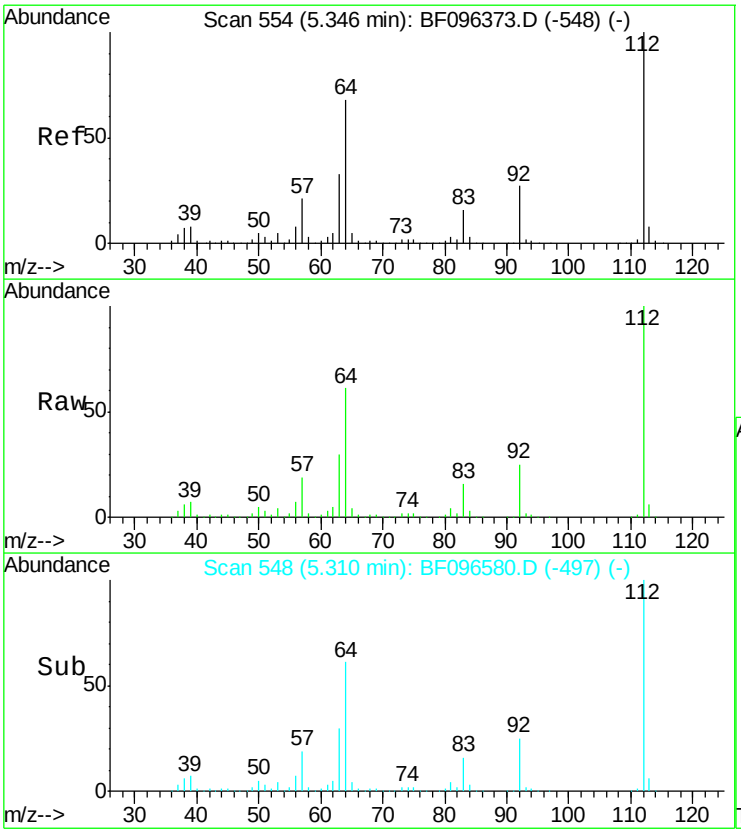
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106011

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	63.1	52.2	78.2

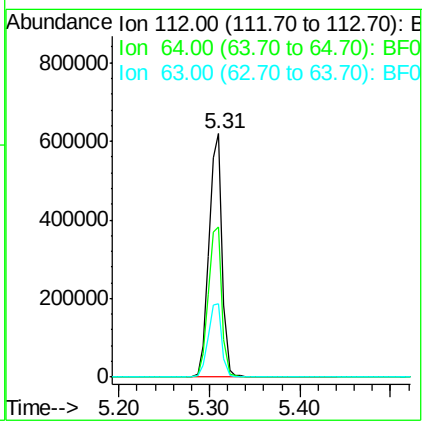


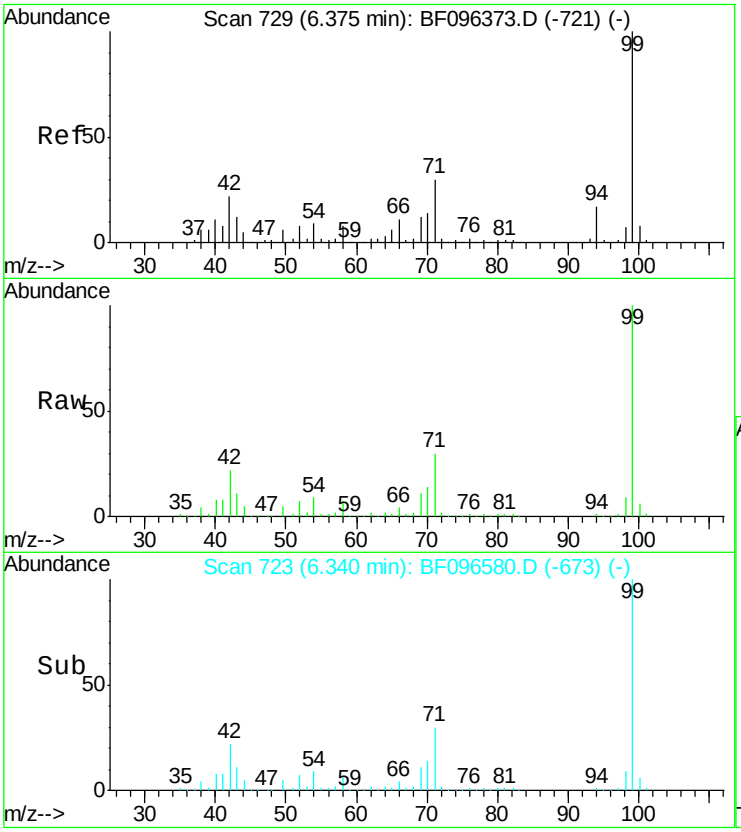


#5
2-Fluorophenol
Concen: 87.95 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:112 Resp: 631705

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.0	69.0
63	30.4	23.4	35.0



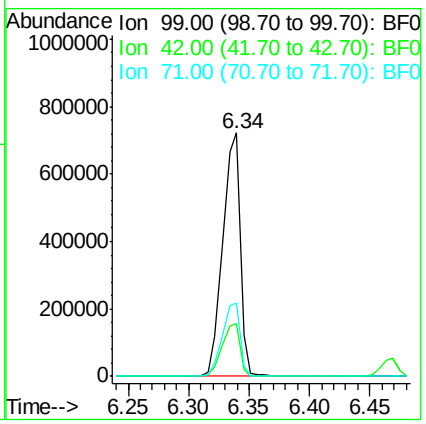


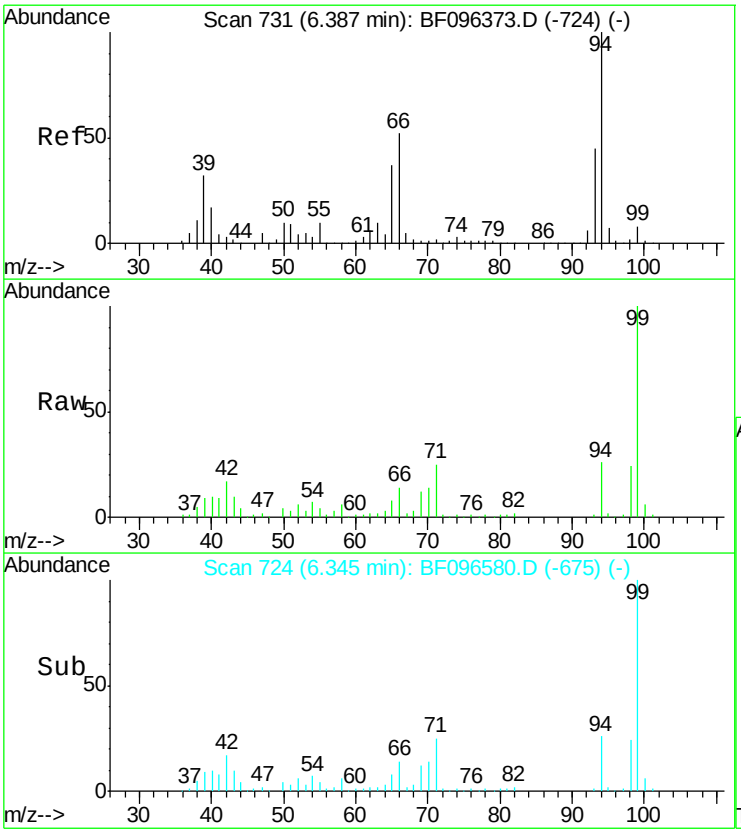
#7
Phenol-d6
Concen: 82.34 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 727083

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	30.4	24.5	36.7

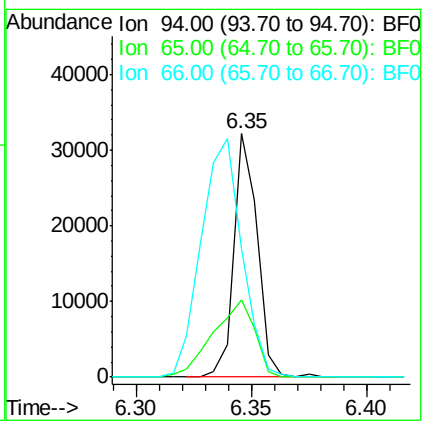


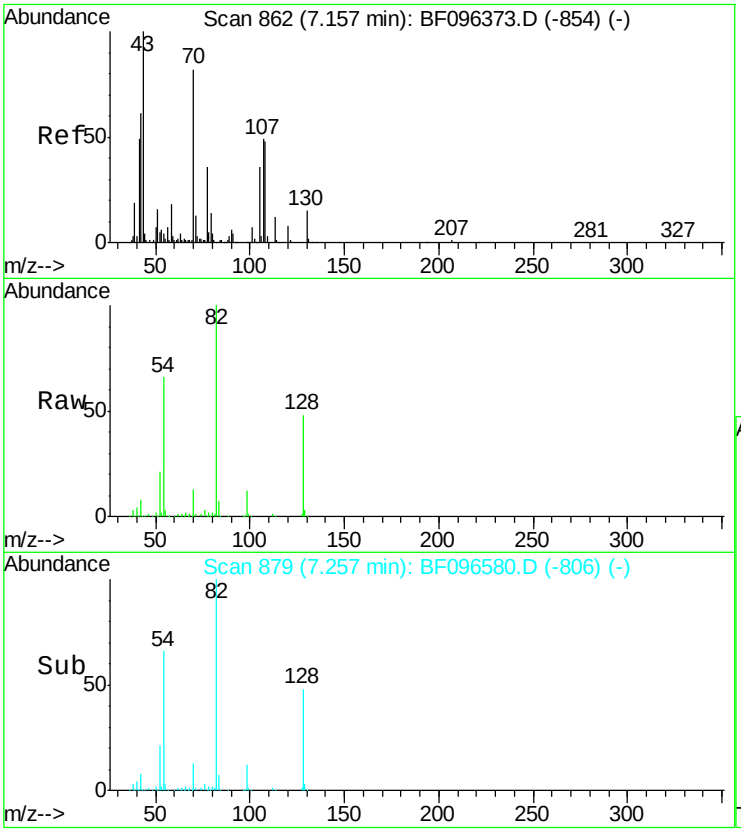


#10
Phenol
Concen: 2.26 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion: 94 Resp: 22768

Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.9	49.9
66	52.7	23.1	63.1



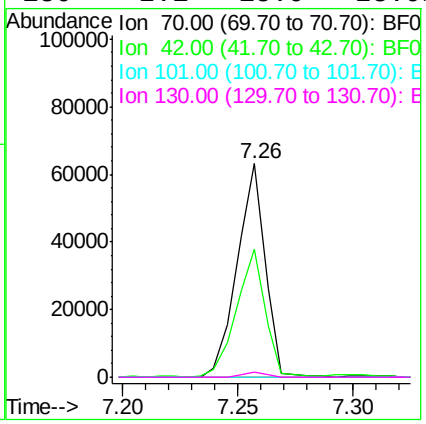


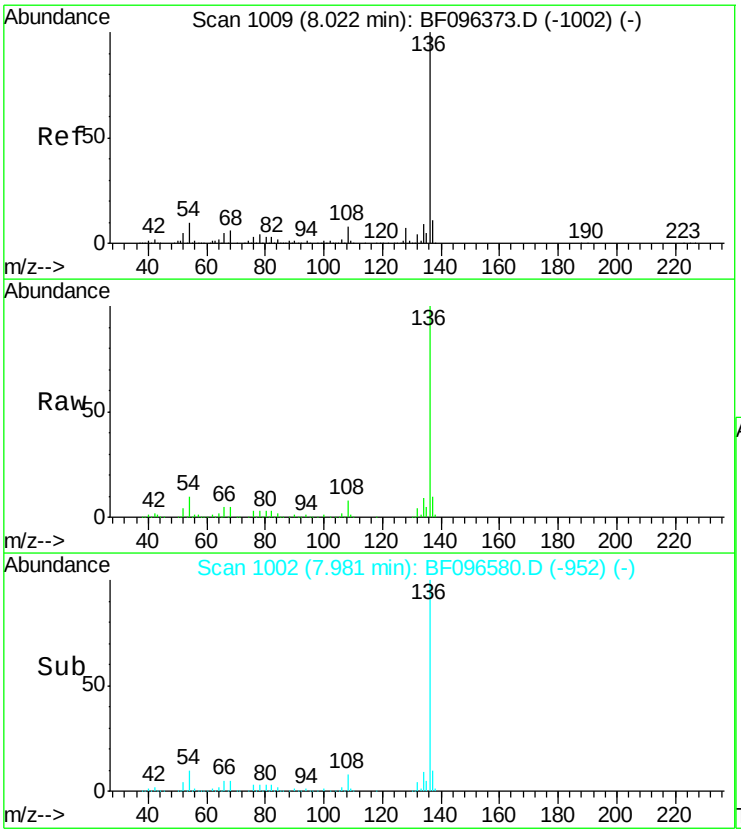
#19
n-Nitroso-di-n-propylamine
Concen: 10.20 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53650

Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

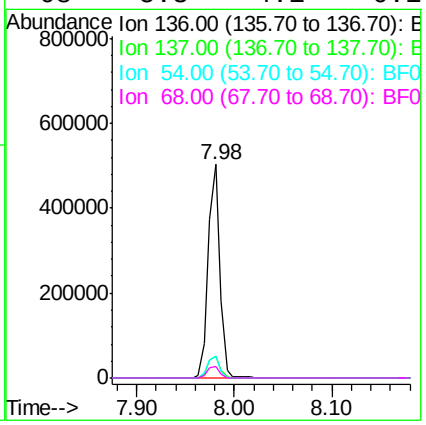


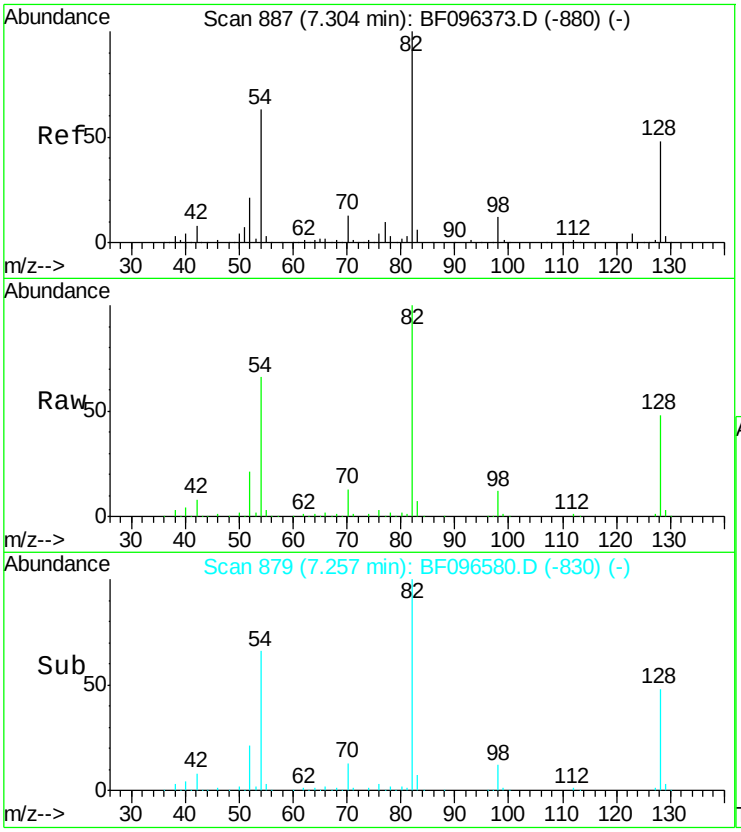


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:136 Resp: 417560

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	9.9	4.9	7.3#
68	5.3	4.1	6.1



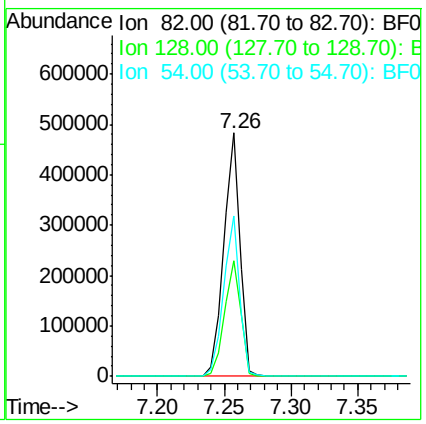


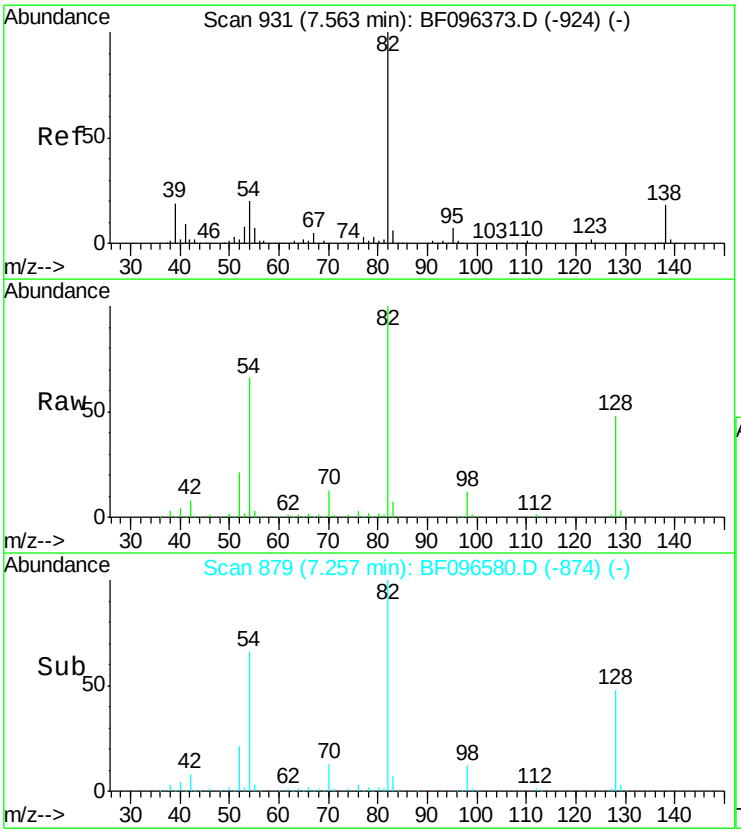
#23
Nitrobenzene-d5
Concen: 60.19 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 418267

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	65.6	42.2	63.2#

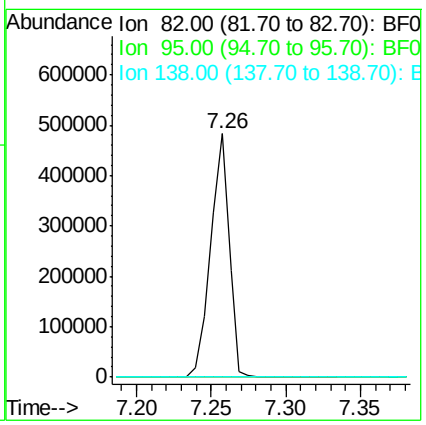


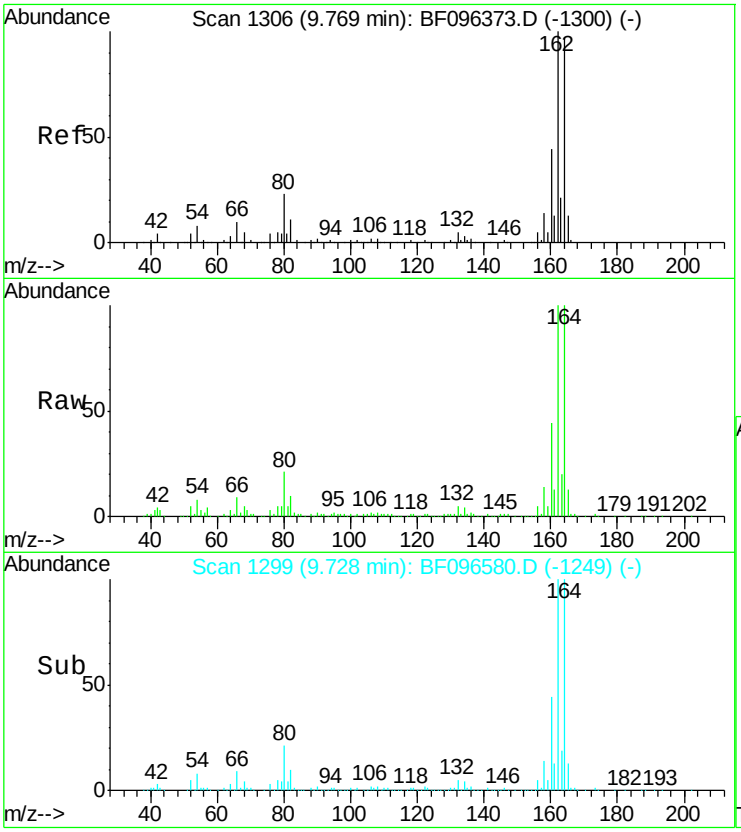


#25
Isophorone
Concen: 30.83 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion: 82 Resp: 415323

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



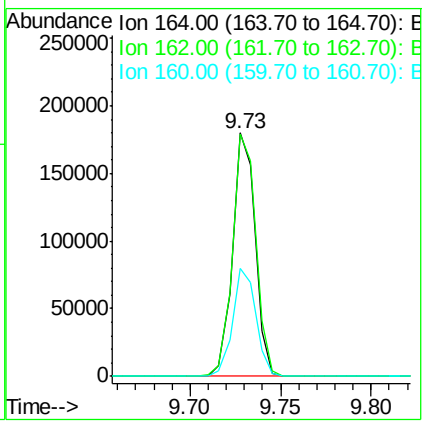


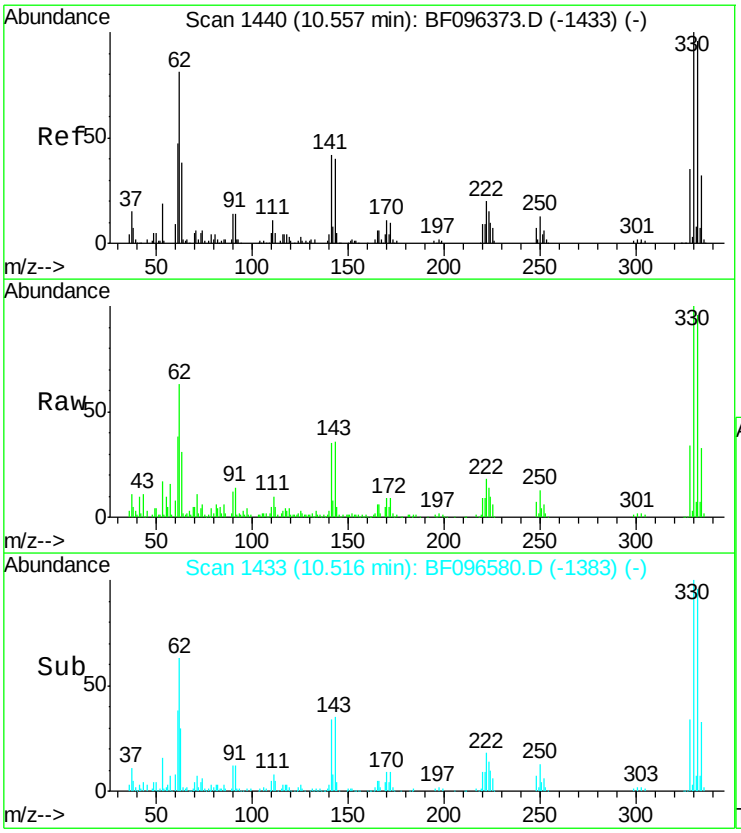
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 156639

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	123.8
160	44.2	36.2	54.2

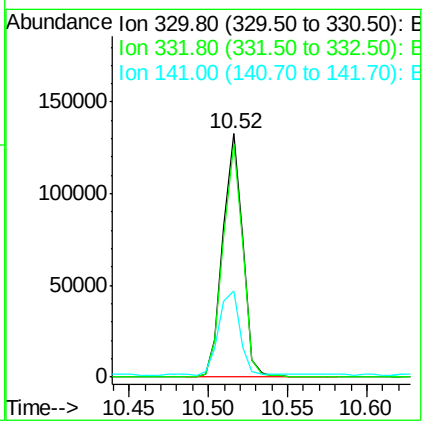


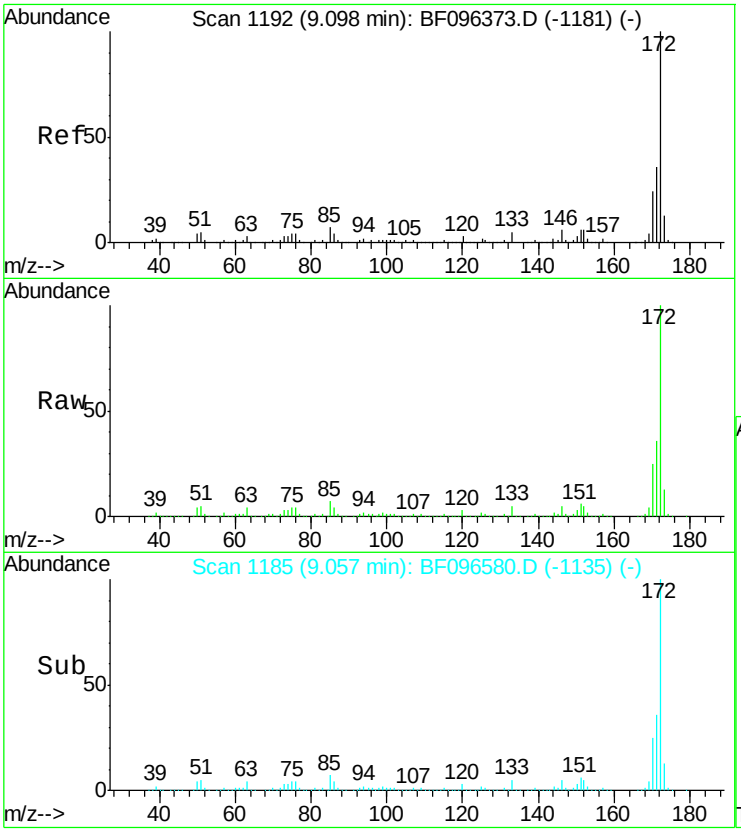


#41
2,4,6-Tribromophenol
Concen: 94.37 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:330 Resp: 115463

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.4	31.4	47.2



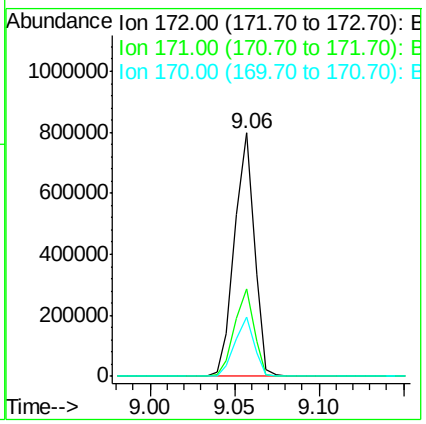


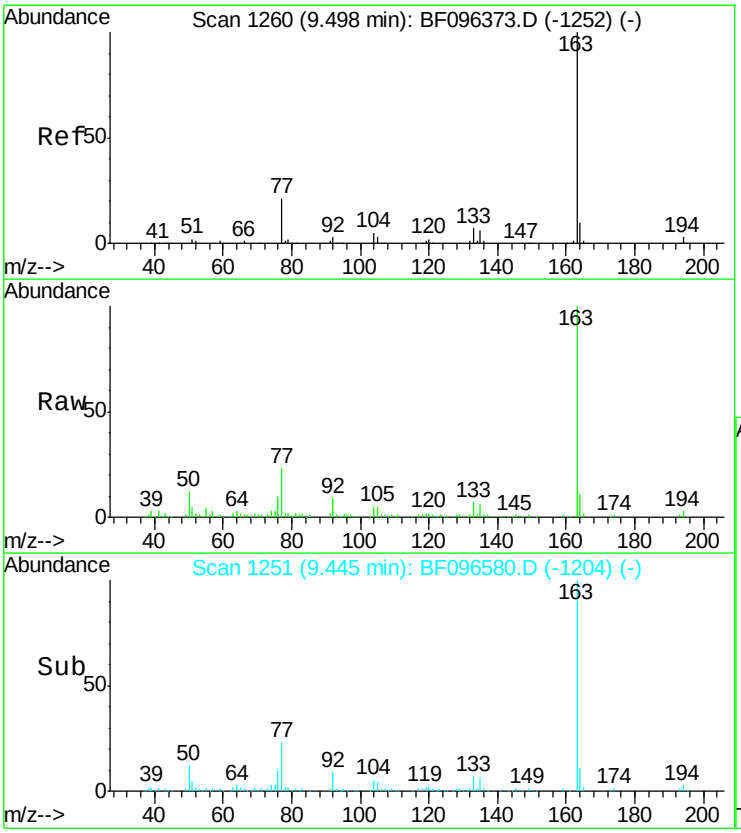
#44
2-Fluorobiphenyl
Concen: 71.17 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 652017

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	19.8	29.8

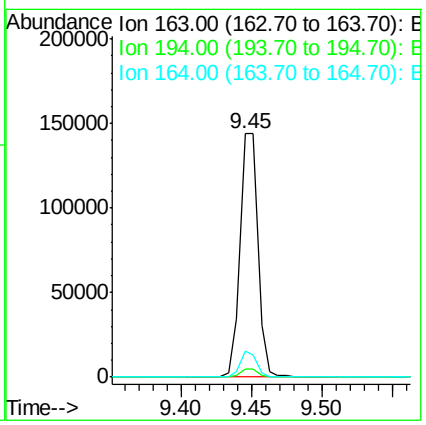


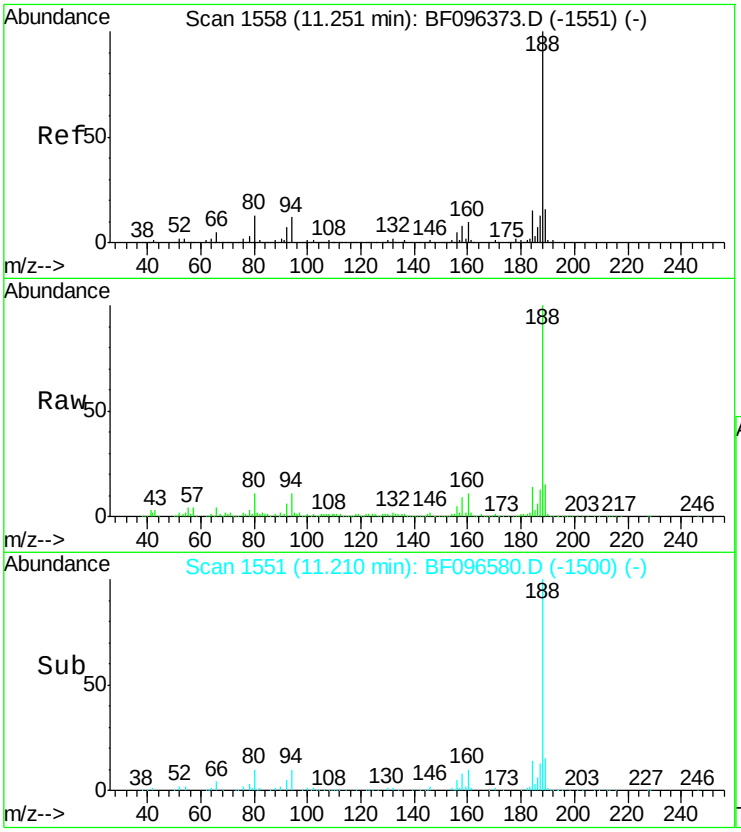


#49
Dimethylphthalate
Concen: 10.93 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:163 Resp: 127799

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6



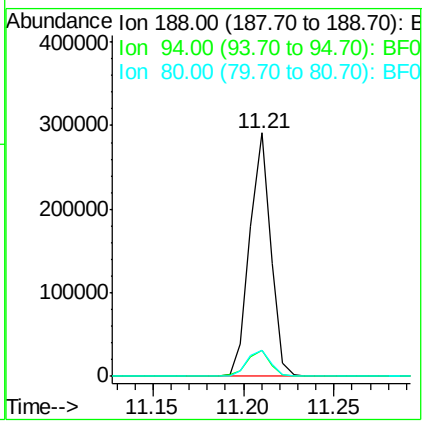


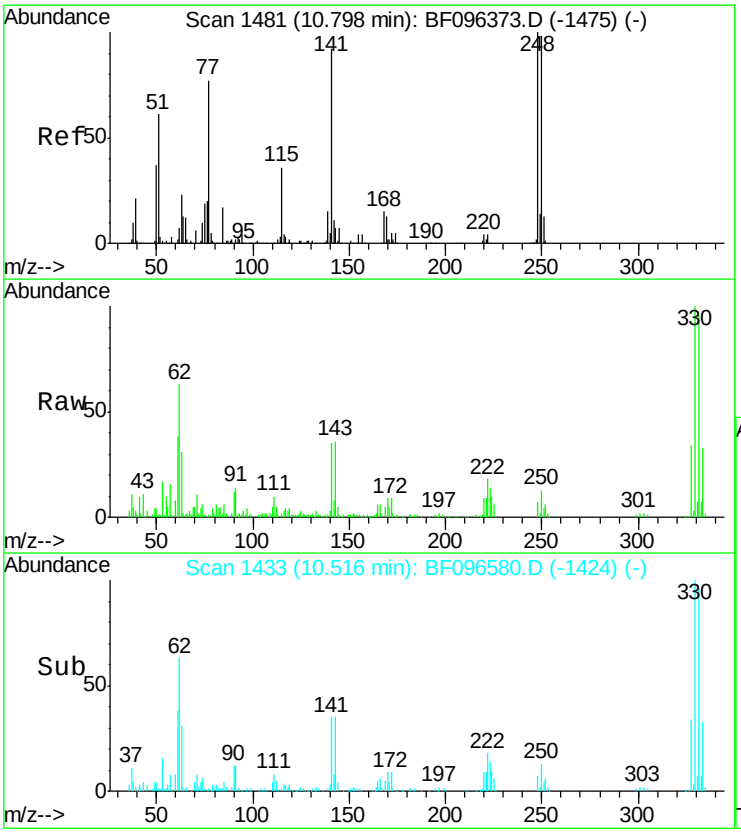
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 235893

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.8	10.2	15.2

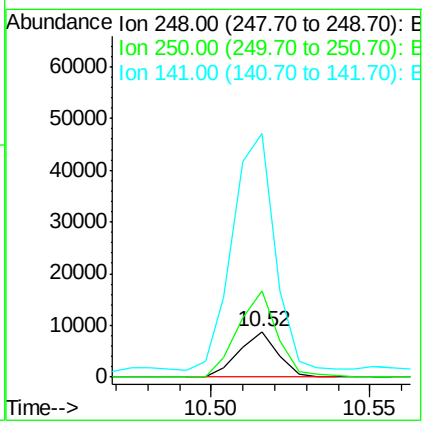


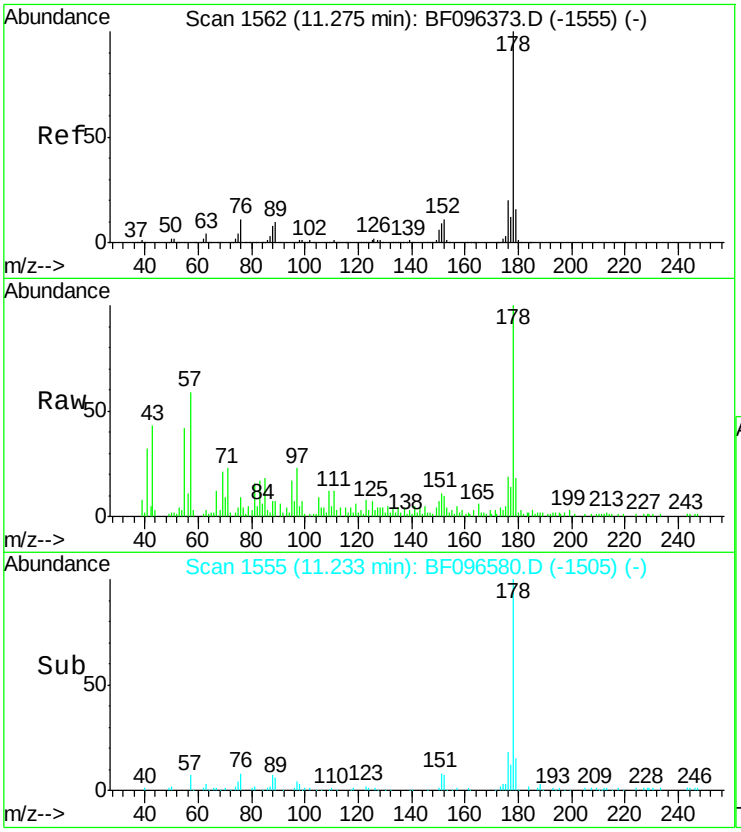


#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:248 Resp: 7381

Ion	Ratio	Lower	Upper
248	100		
250	188.2	76.8	115.2#
141	532.8	68.6	103.0#



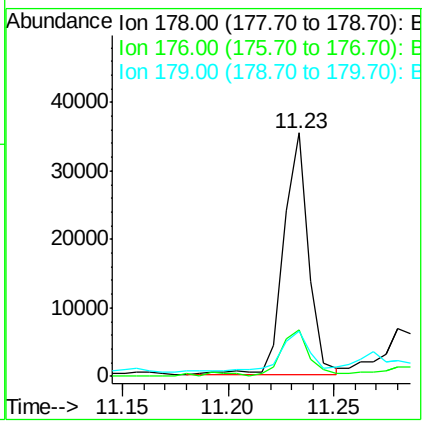


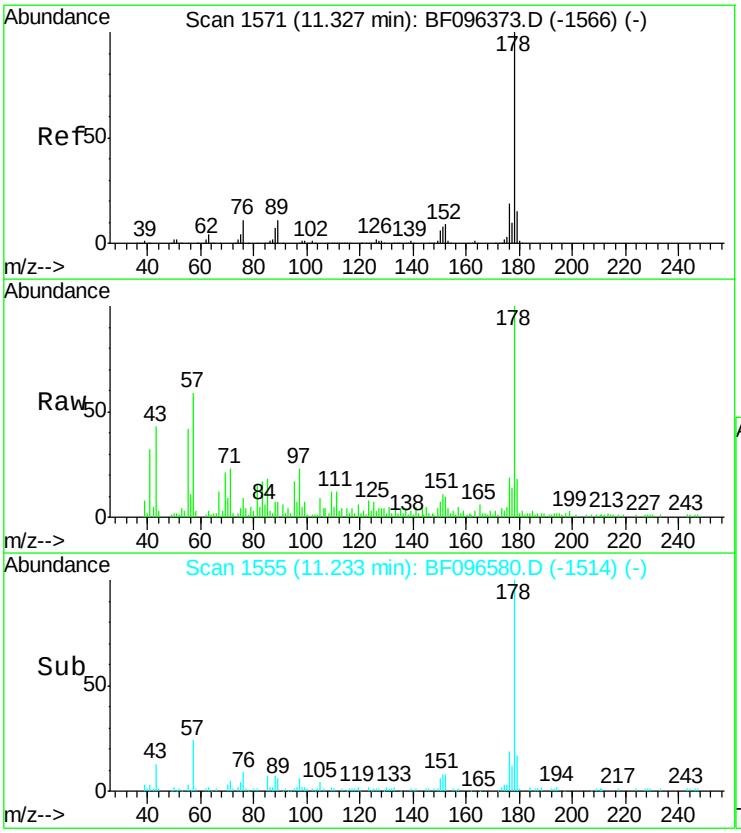
#70
Phenanthrene
Concen: 2.25 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 28709

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	18.4	12.6	19.0

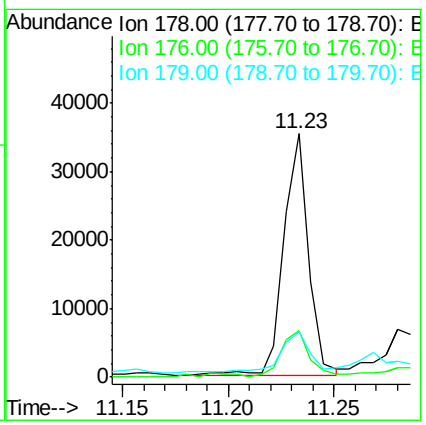


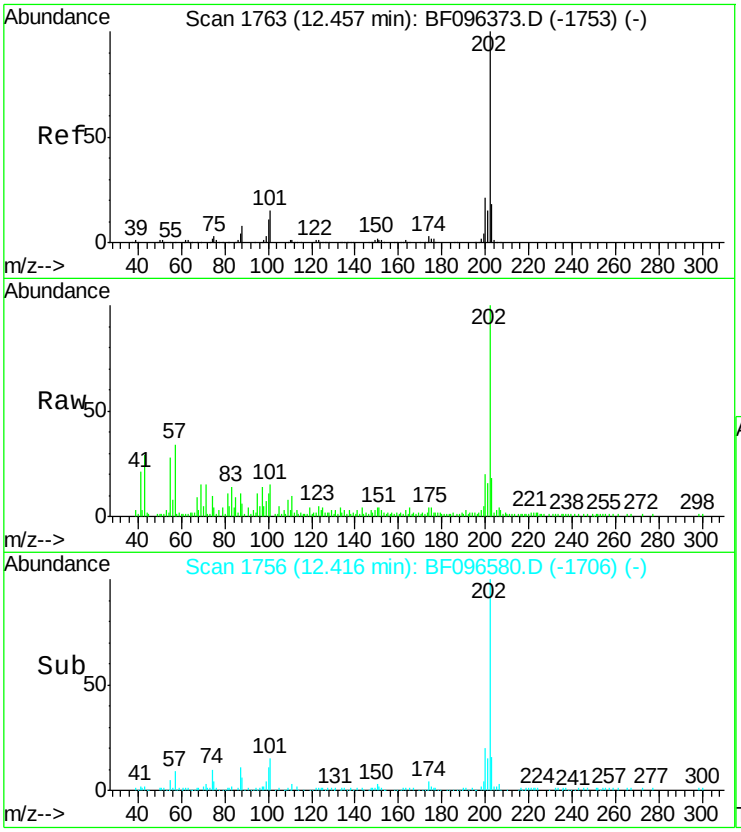


#71
Anthracene
Concen: 2.21 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.06 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:178 Resp: 28709

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	18.4	12.7	19.1



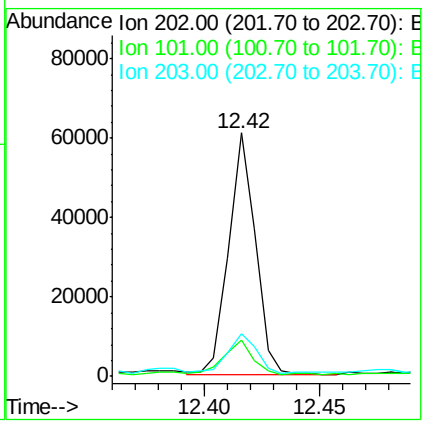


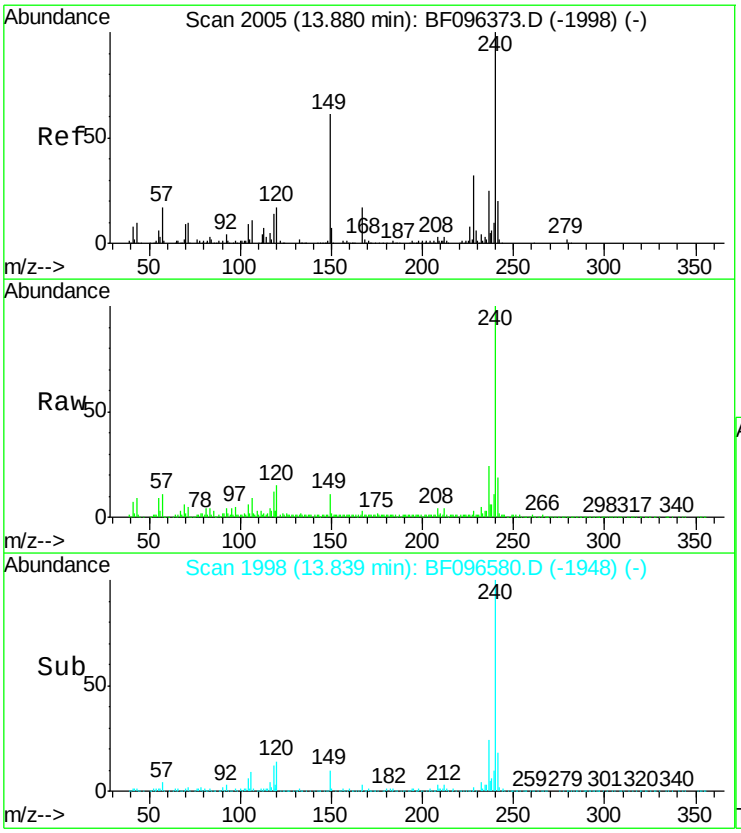
#74
Fluoranthene
Concen: 3.91 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 48833

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.7	0.0	38.1

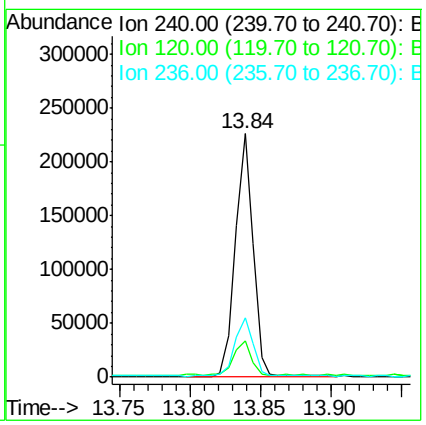


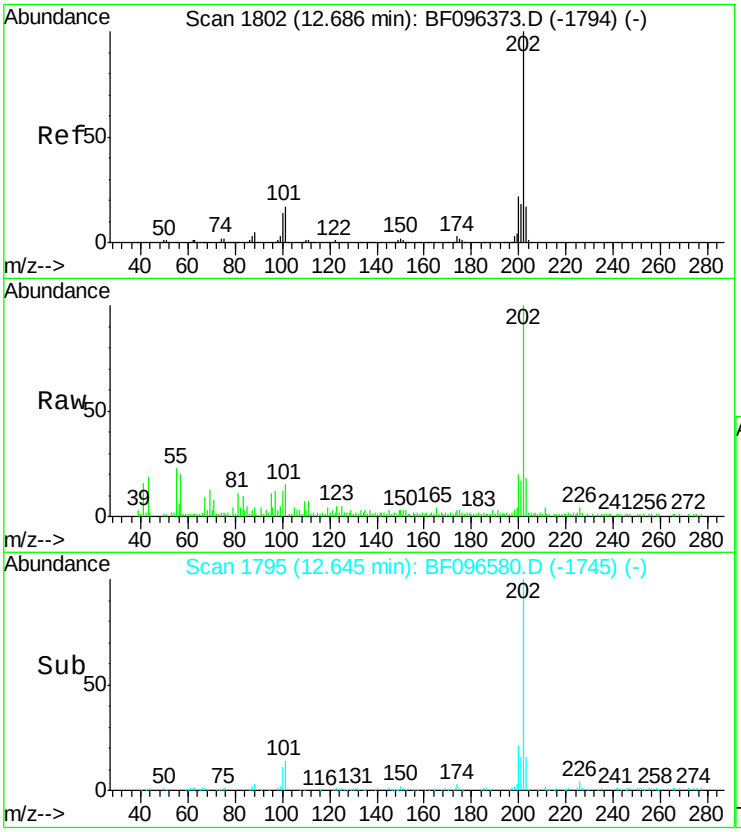


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:240 Resp: 197272

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.1	20.5	30.7



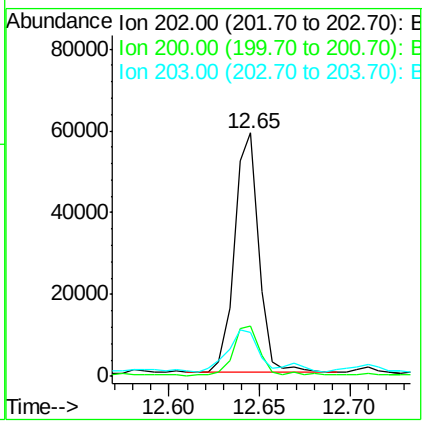


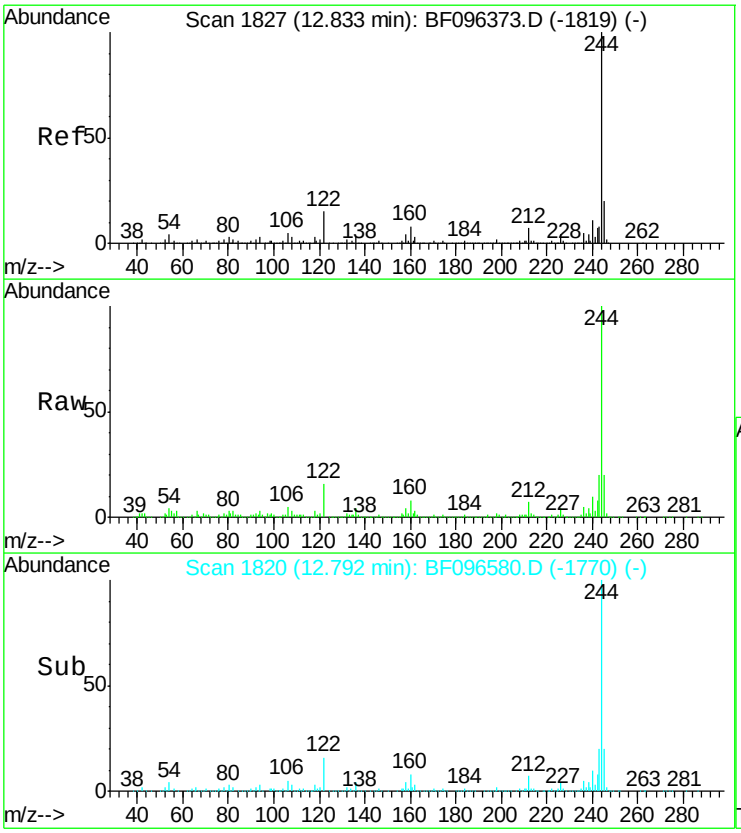
#77
Pyrene
Concen: 3.46 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 54772

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	18.2	14.4	21.6

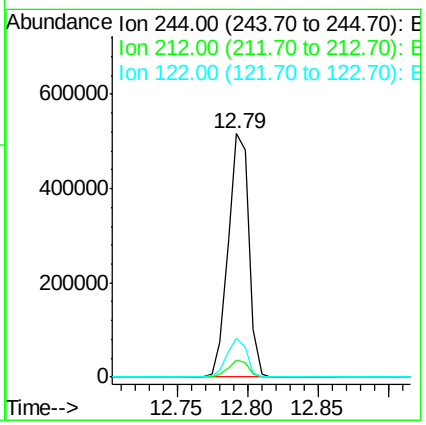


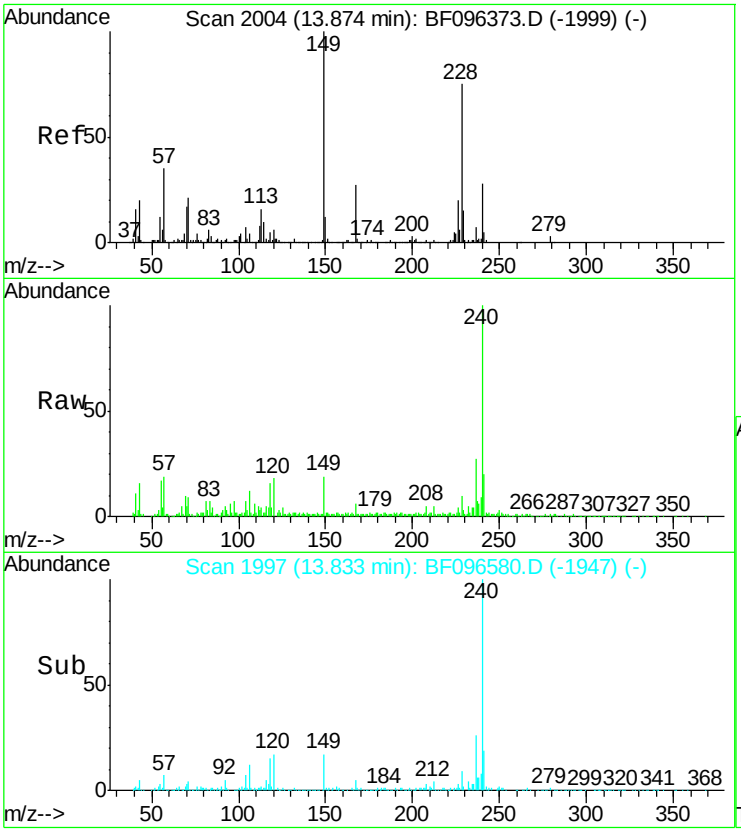


#78
Terphenyl-d14
Concen: 56.72 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:244 Resp: 523657

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.2	10.3	15.5#



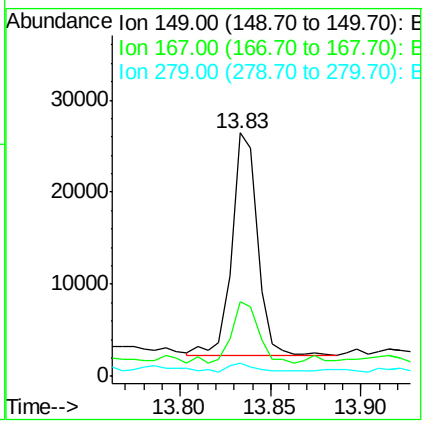


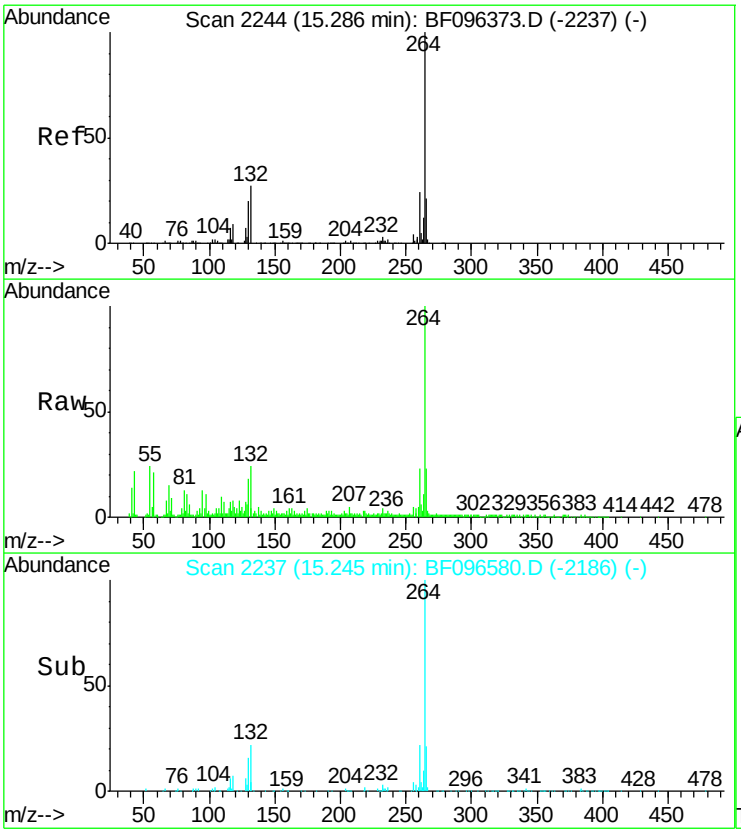
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.66 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 23797

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.0	31.4
279	5.3	1.9	2.9#

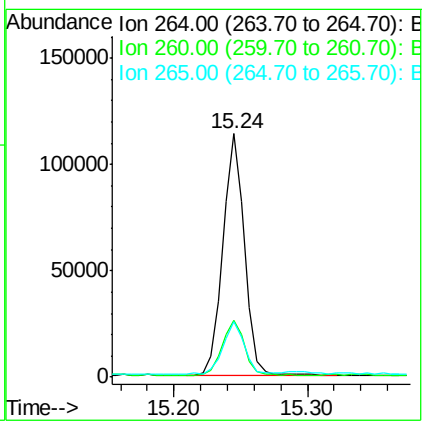


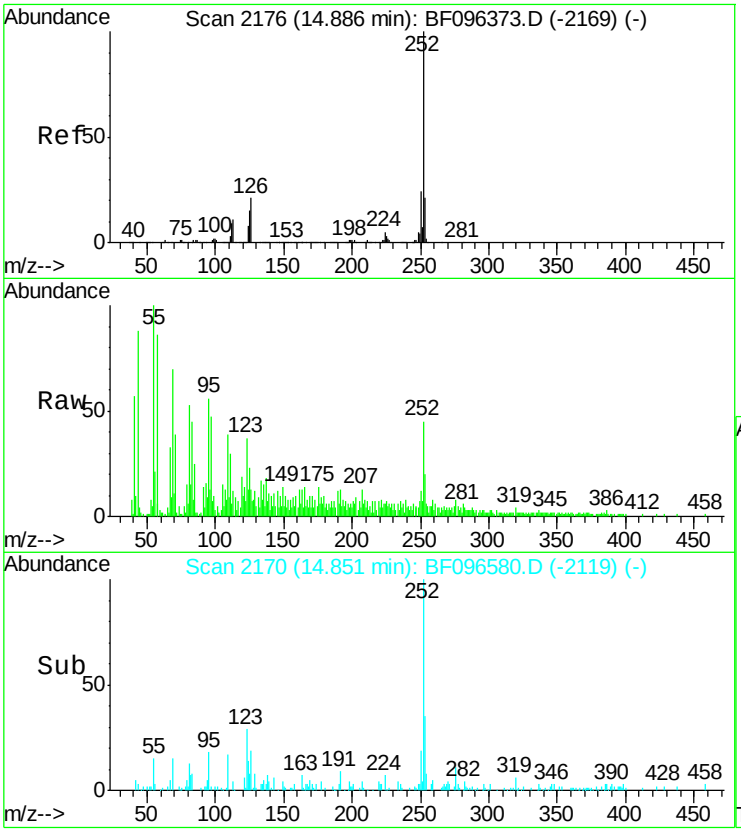


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:264 Resp: 129797

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.7	17.2	25.8



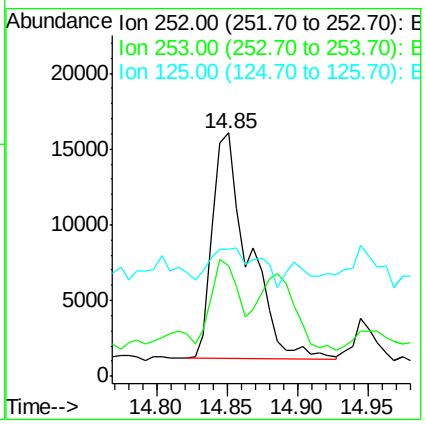


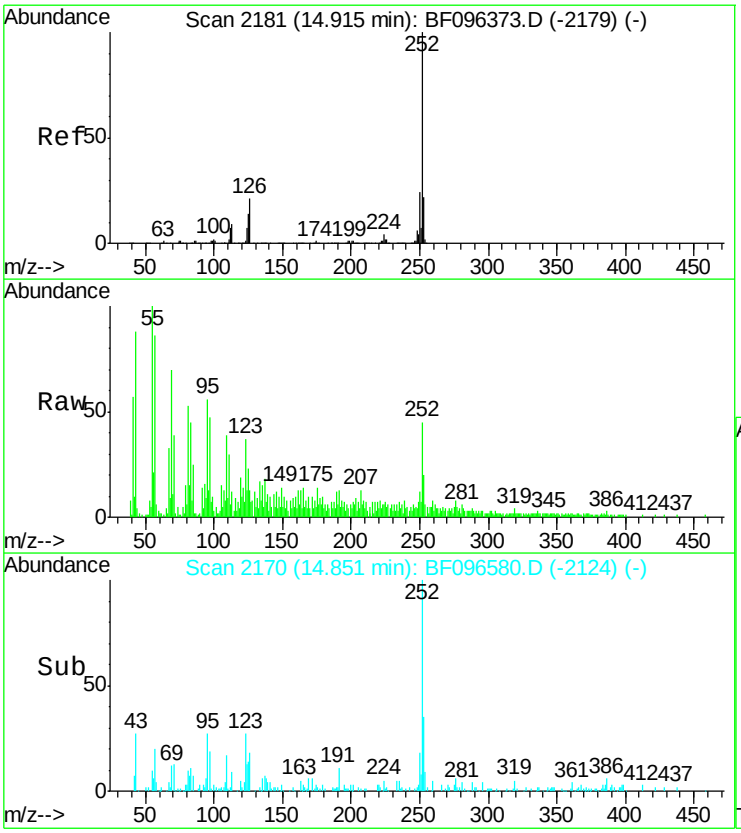
#87
Benzo(b)fluoranthene
Concen: 3.29 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26794

Ion	Ratio	Lower	Upper
252	100		
253	45.4	18.1	27.1#
125	52.4	9.8	14.8#

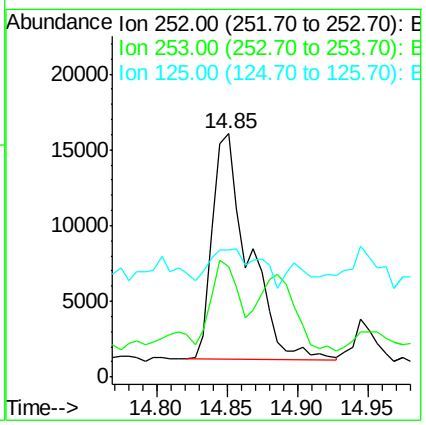


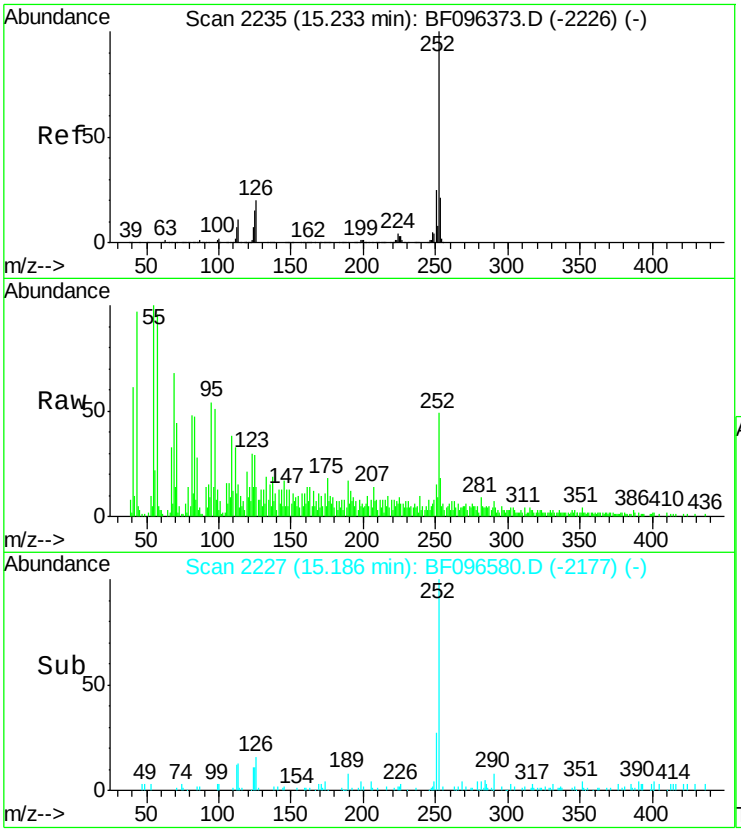


#88
Benzo(k)fluoranthene
Concen: 3.68 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:252 Resp: 26794

Ion	Ratio	Lower	Upper
252	100		
253	45.4	18.4	27.6#
125	52.4	13.1	19.7#



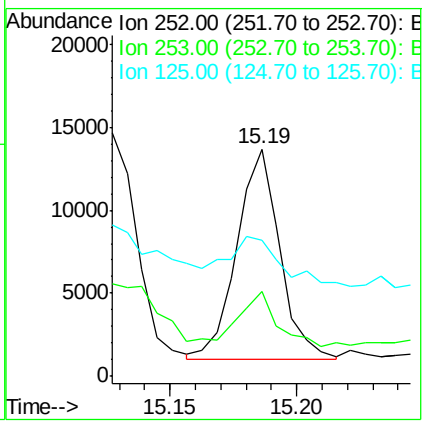


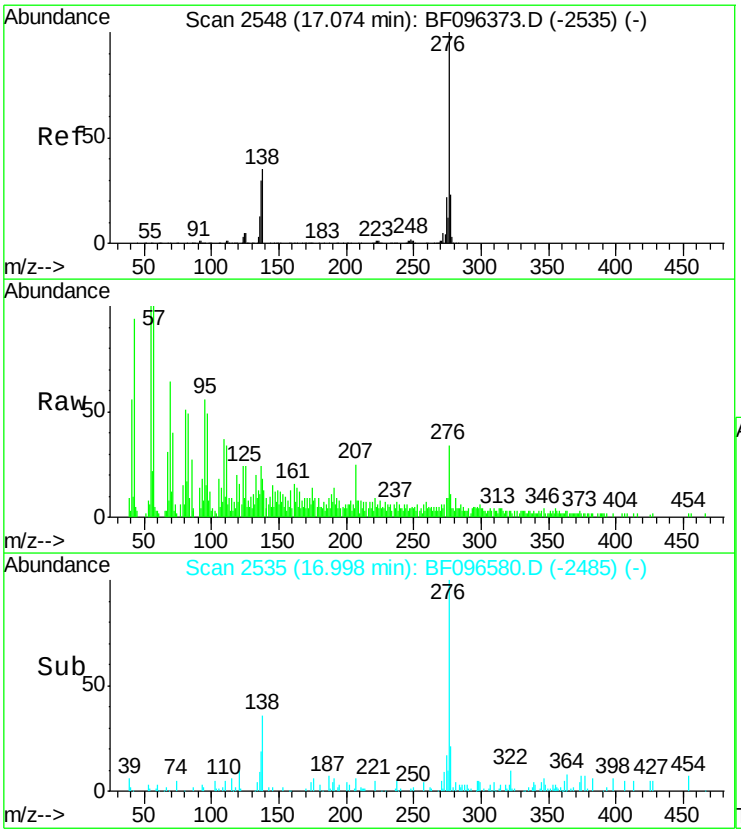
#89
Benzo(a)pyrene
Concen: 2.06 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14975

Ion	Ratio	Lower	Upper
252	100		
253	37.1	17.5	26.3#
125	60.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.02 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF096580.D
Acq: 8 Jul 2017 1:04

Tgt Ion:276 Resp: 11929

Ion	Ratio	Lower	Upper
276	100		
277	31.5	18.6	28.0#
138	52.1	25.4	38.0#