Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096620.D
Acq On : 11 Jul 2017 00:06
Operator : SJ/JU
Sample : I4084-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 11 01:14:51 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	6.68	152	125965	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	512546	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	212742	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	295791	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	247648	20.00	ng		-0.02
86) Perylene-d12	15.22	264	244515	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	732691	85.85	ng		-0.01
7) Phenol-d6	6.32	99	888106	84.65	ng		-0.02
23) Nitrobenzene-d5	7.25	82	522932	61.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	139311	83.83	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	735871	59.14	ng		-0.02
78) Terphenyl-d14	12.77	244	450424	38.86	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	67114	10.74	ng	#	87
25) Isophorone	7.25	82	520694	31.48	ng	#	67
49) Dimethylphthalate	9.43	163	139326	8.77	ng		99
56) 2,4-Dinitrotoluene	9.72	165	26279	5.91	ng	#	33
66) 4-Bromophenyl-phenylether	10.50	248	9043	3.14	ng	#	1
70) Phenanthrene	11.22	178	35478	2.22	ng		96
71) Anthracene	11.22	178	35478	2.18	ng		97
74) Fluoranthene	12.40	202	56297	3.59	ng		97
77) Pyrene	12.62	202	44190	2.22	ng		97
80) Benzo(a)anthracene	13.81	228	29057	2.03	ng		97
87) Benzo(b)fluoranthene	14.82	252	39083	2.55	ng	#	90
88) Benzo(k)fluoranthene	14.82	252	39083	2.85	ng	#	93

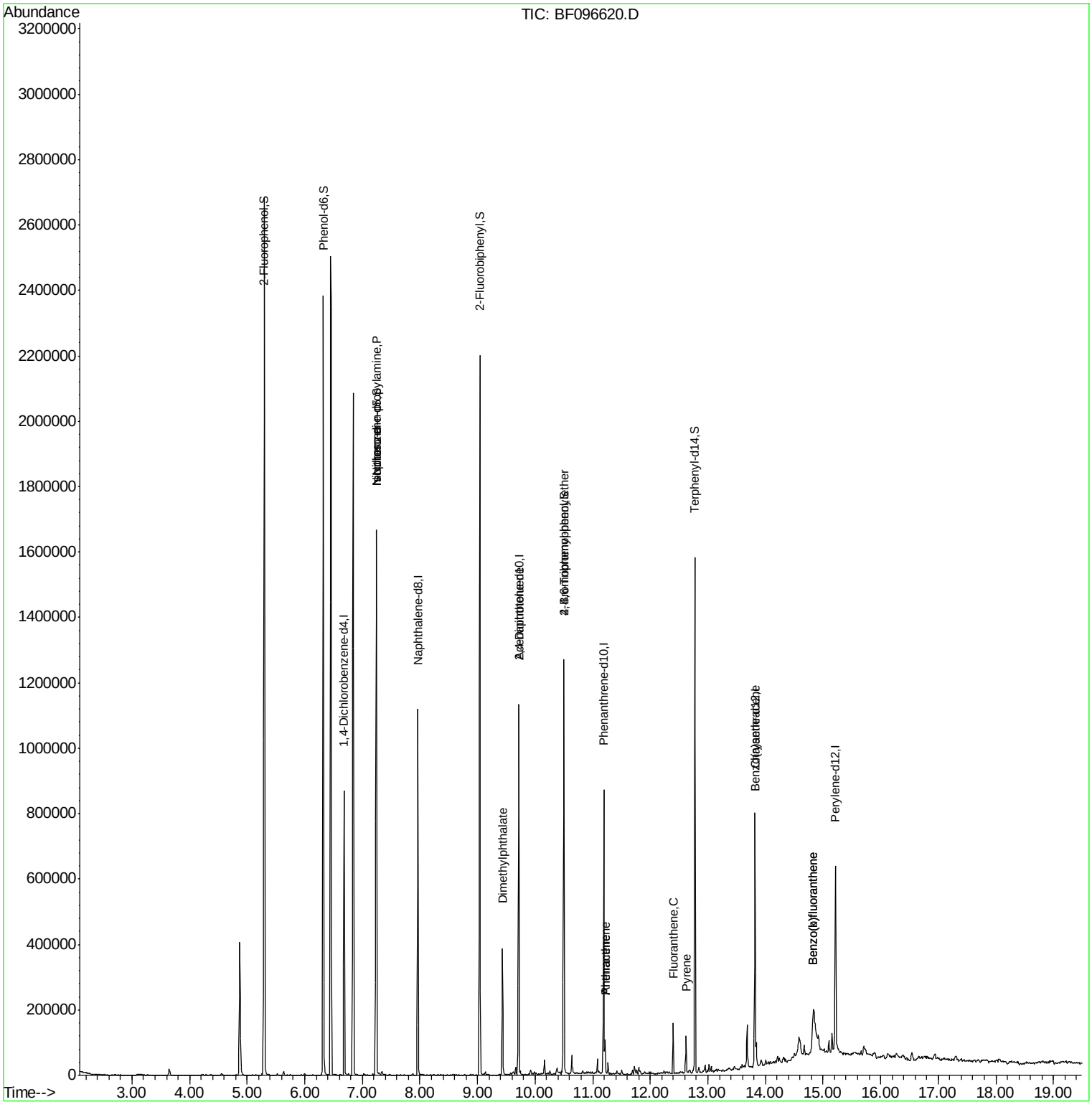
(#) = qualifier out of range (m) = manual integration (+) = signals summed

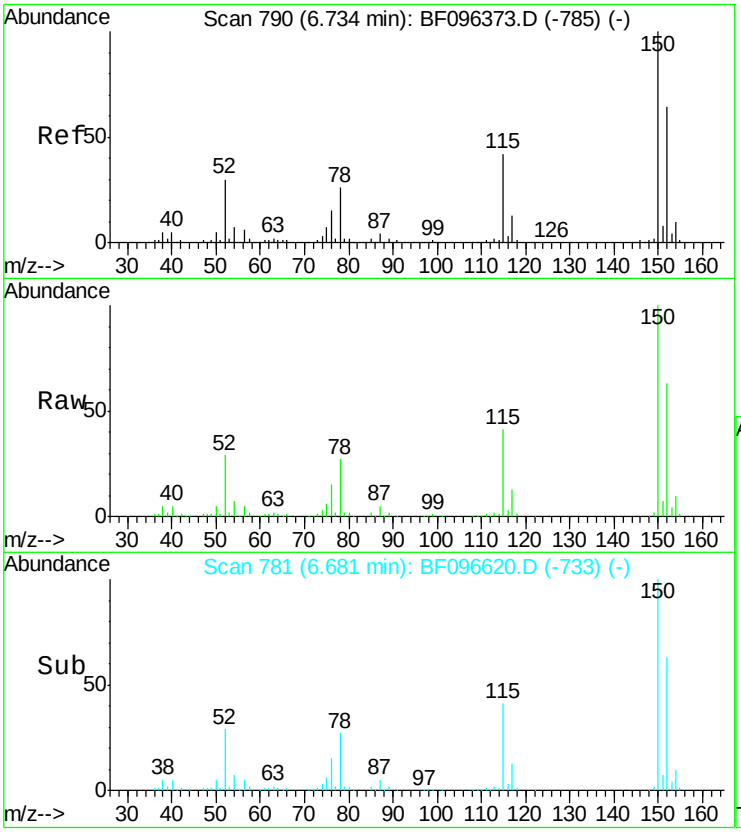
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096620.D
Acq On : 11 Jul 2017 00:06
Operator : SJ/JU
Sample : I4084-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 01:14:51 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



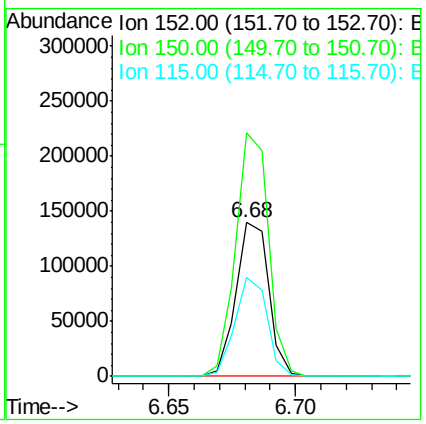


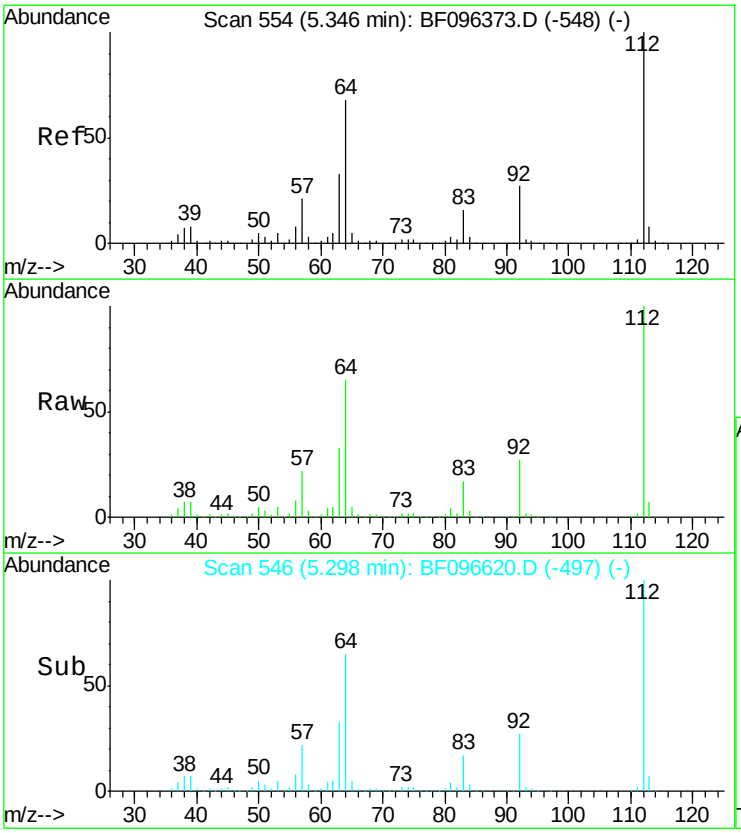
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125965

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	64.7	52.2	78.2

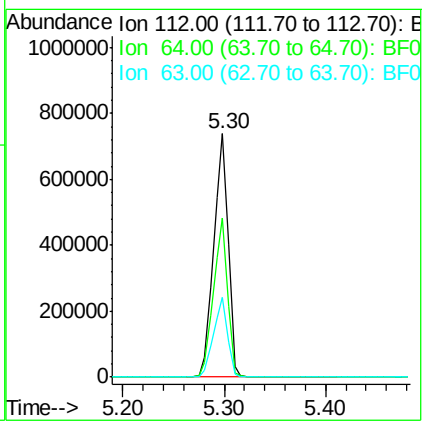


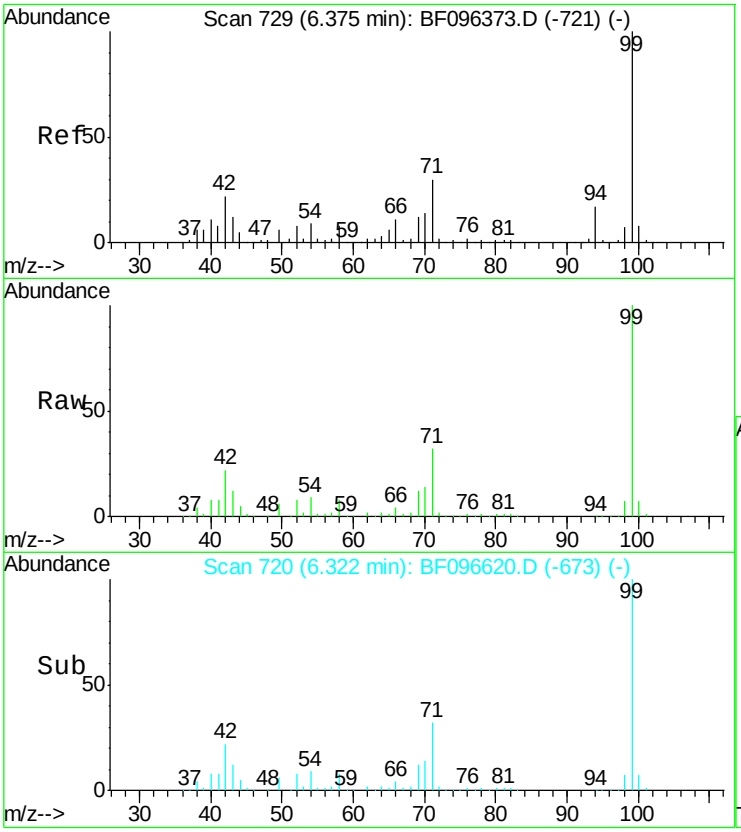


#5
2-Fluorophenol
Concen: 85.85 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:112 Resp: 732691

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.0	23.4	35.0



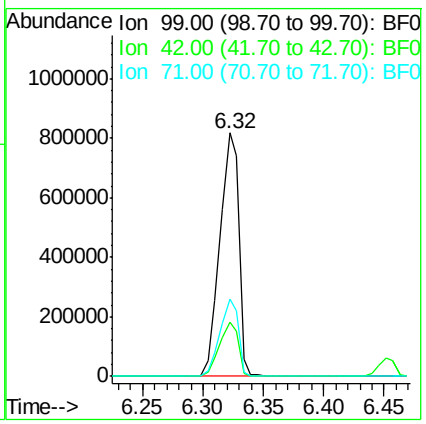


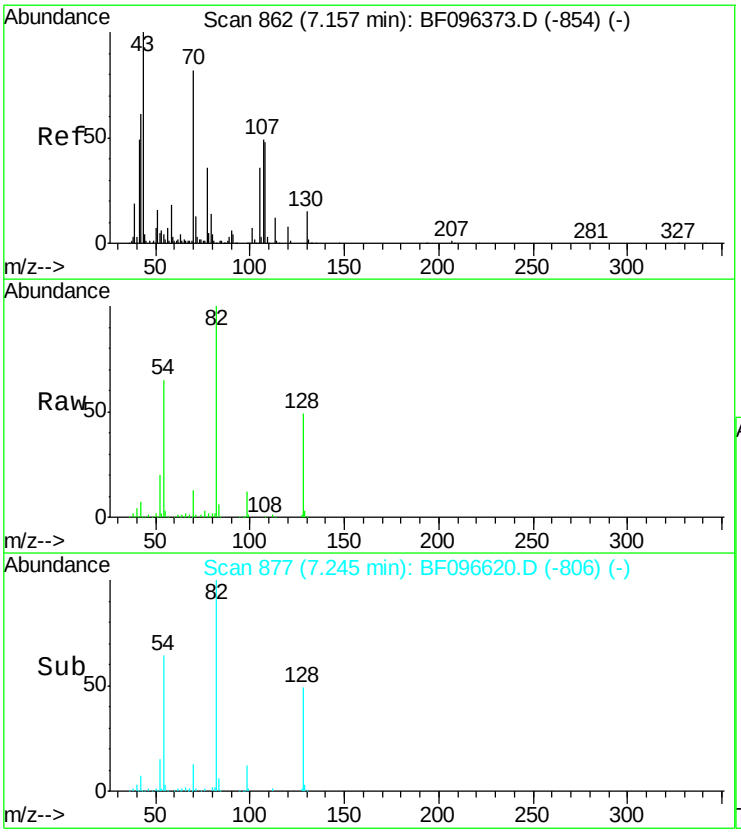
#7
Phenol-d6
Concen: 84.65 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 888106

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.6	24.5	36.7

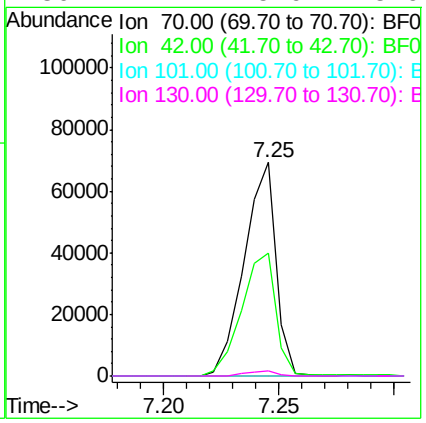


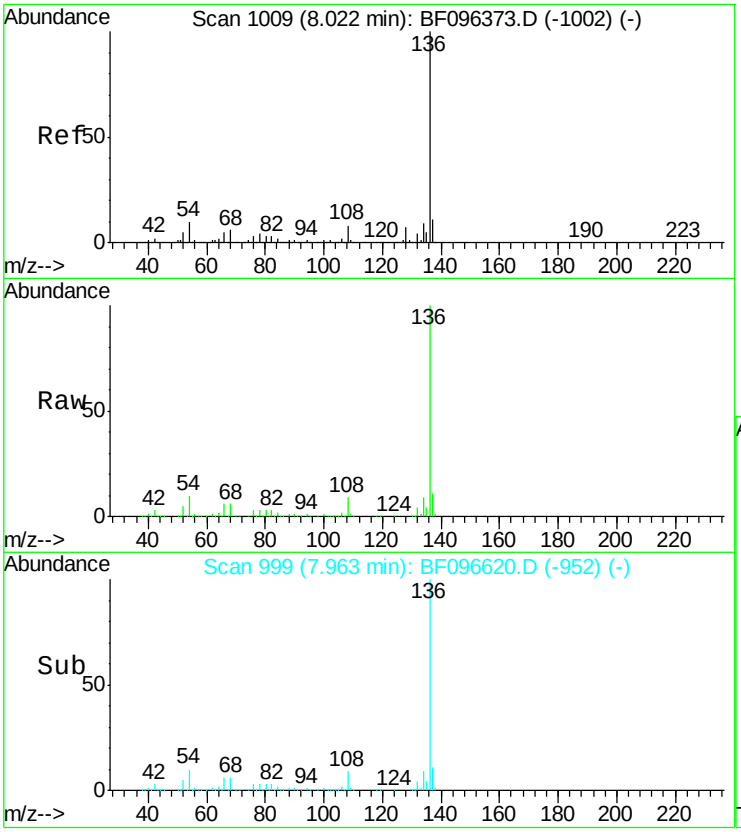


#19
n-Nitroso-di-n-propylamine
Concen: 10.74 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion: 70 Resp: 67114

Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



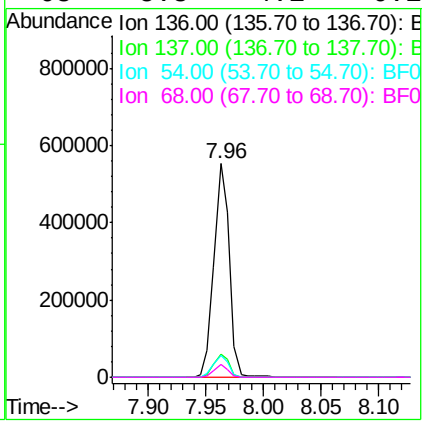


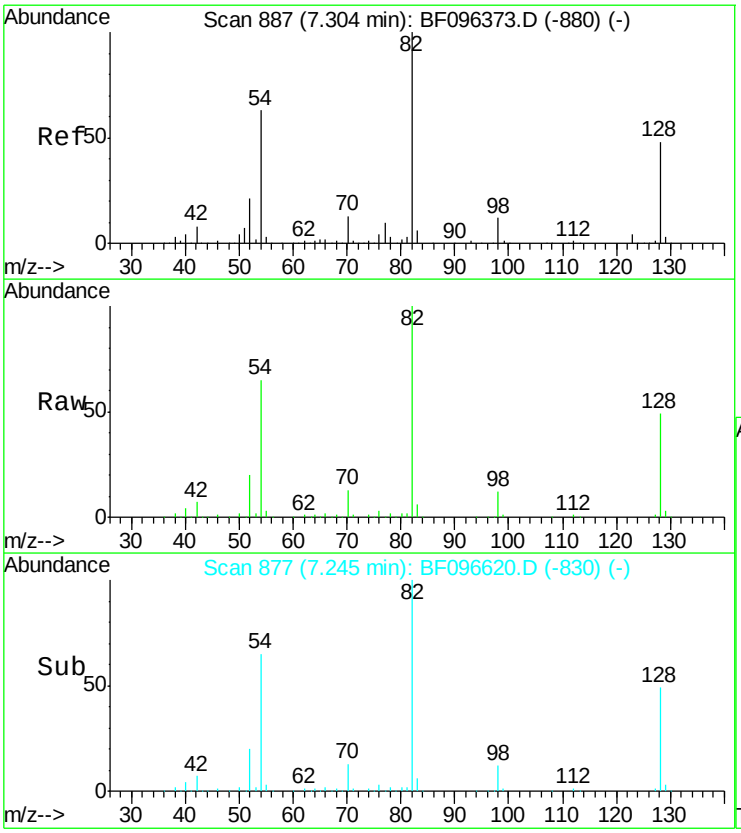
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 512546

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	5.8	4.1	6.1

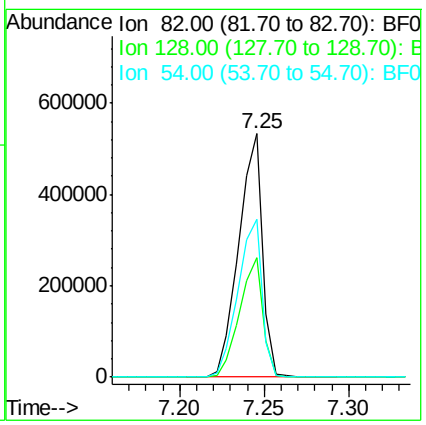


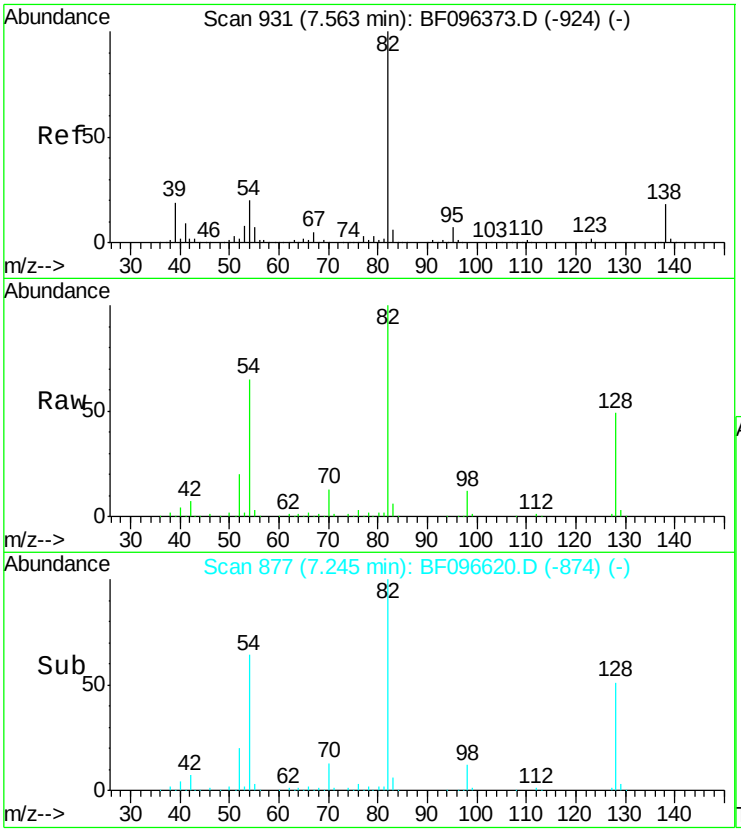


#23
Nitrobenzene-d5
Concen: 61.31 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion: 82 Resp: 522932

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	65.0	42.2	63.2#



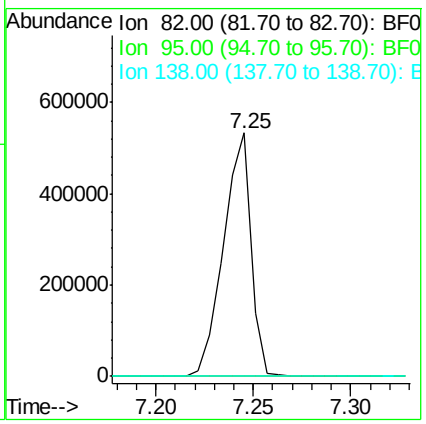


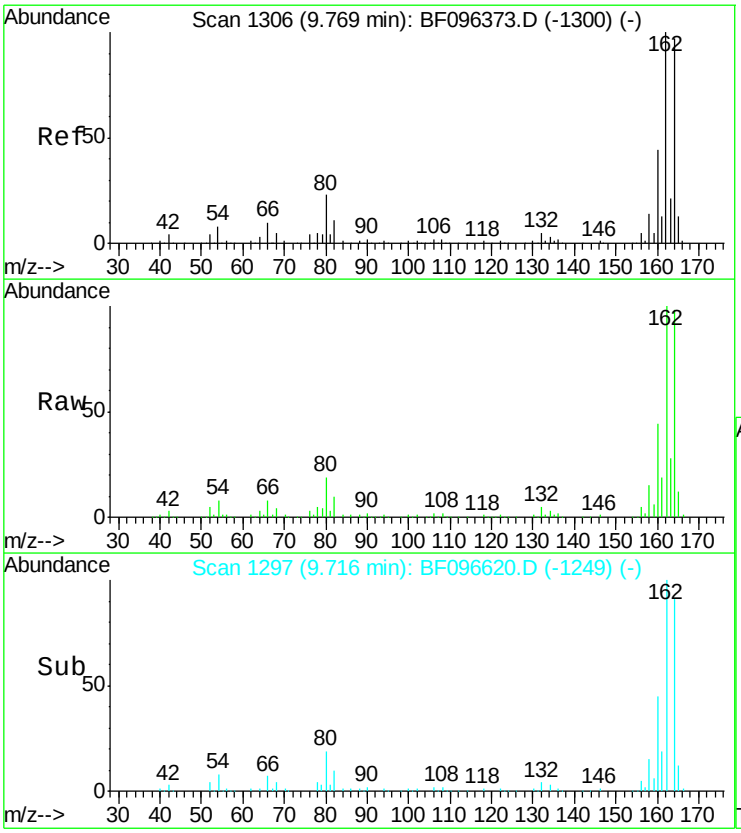
#25
Isophorone
Concen: 31.48 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 520694

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

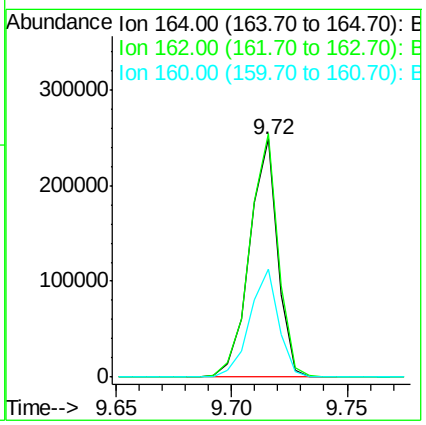


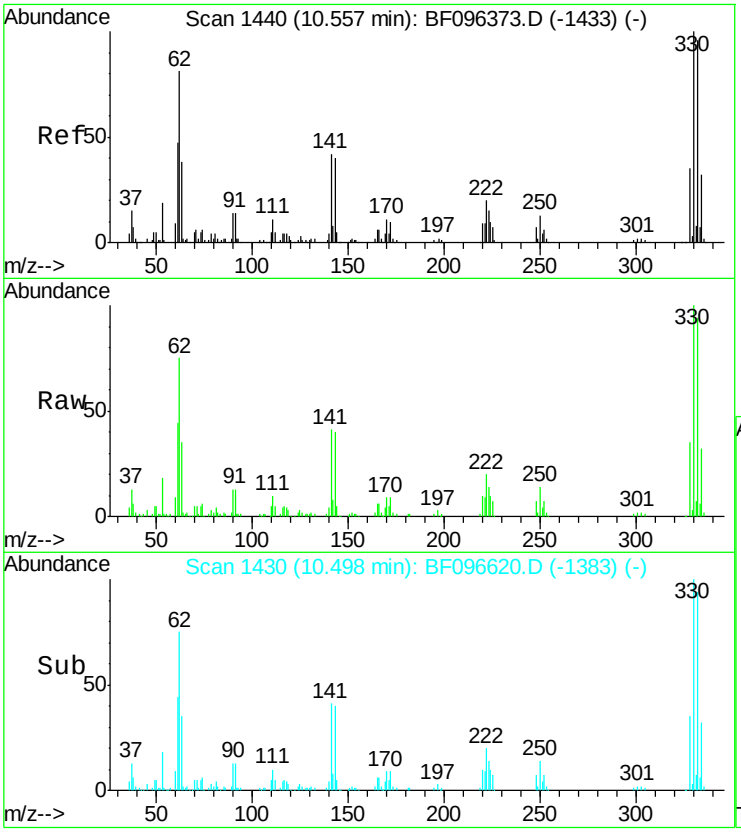


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:164 Resp: 212742

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.3	36.2	54.2



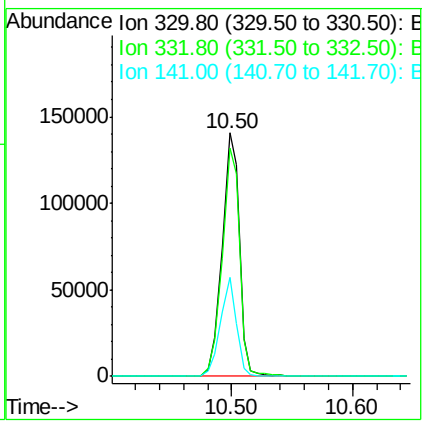


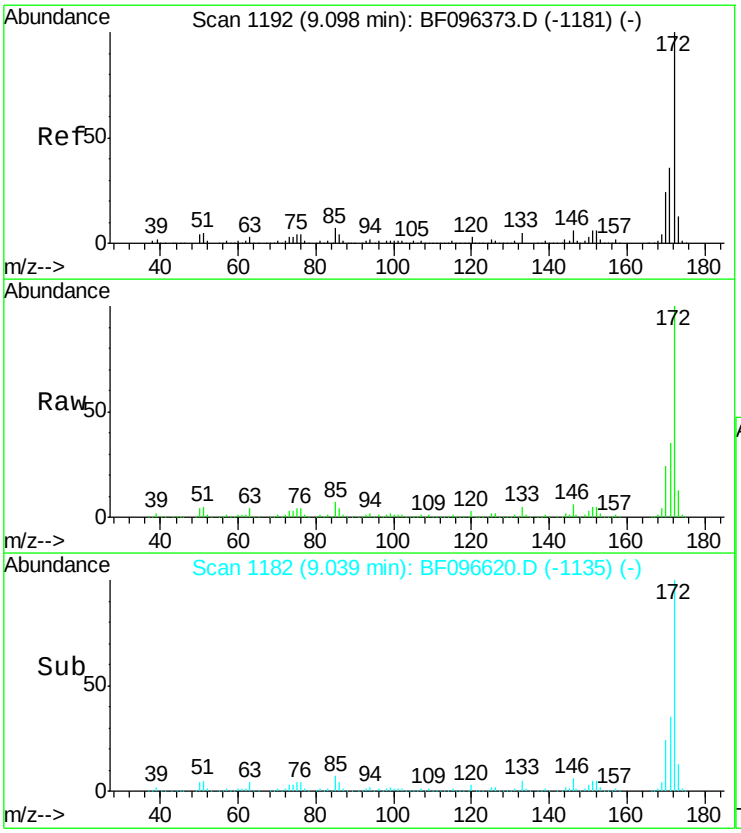
#41
2,4,6-Tribromophenol
Concen: 83.83 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 139311

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	37.6	31.4	47.2

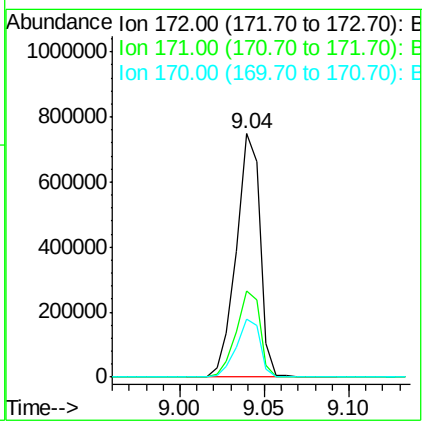


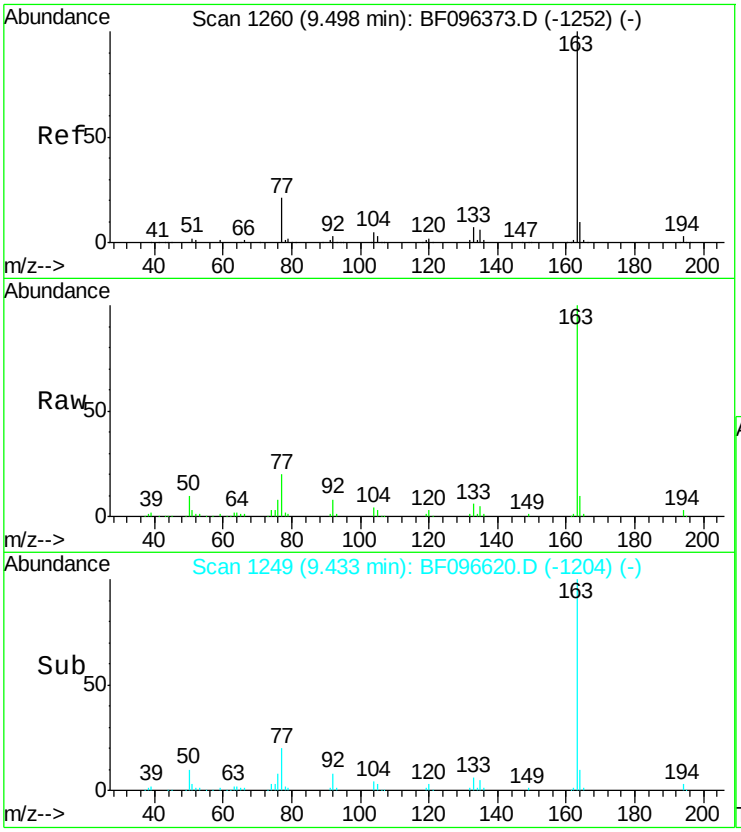


#44
2-Fluorobiphenyl
Concen: 59.14 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:172 Resp: 735871

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.6	19.8	29.8



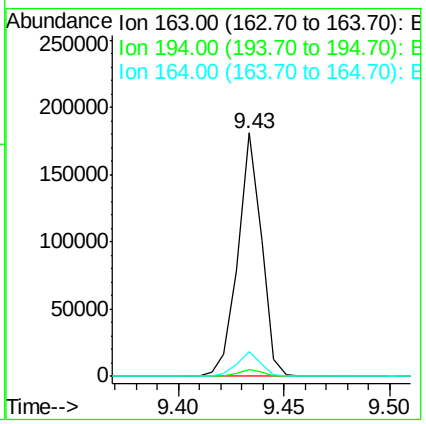


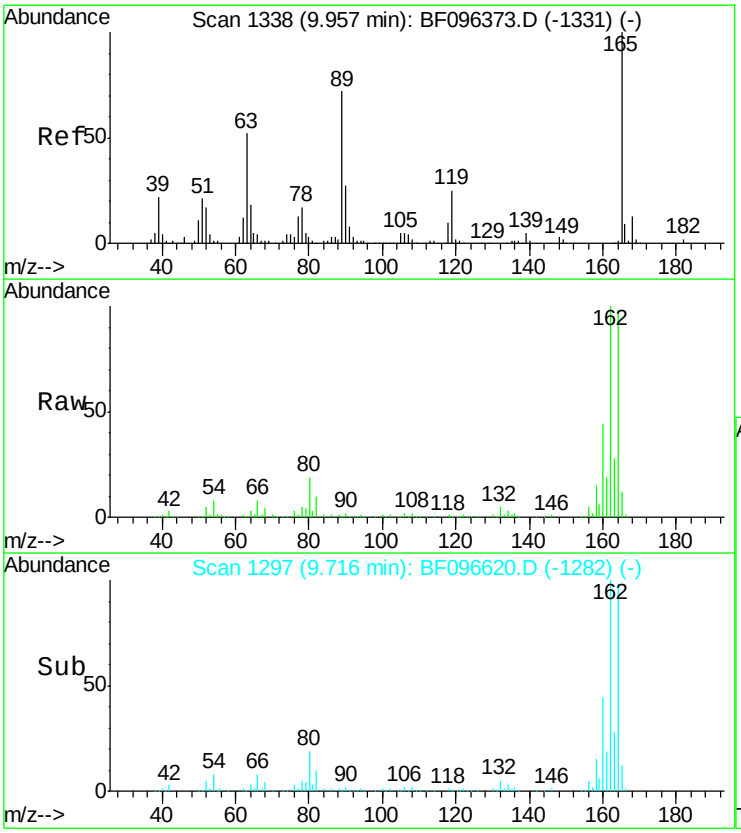
#49
Dimethylphthalate
Concen: 8.77 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 139326

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.4	12.6

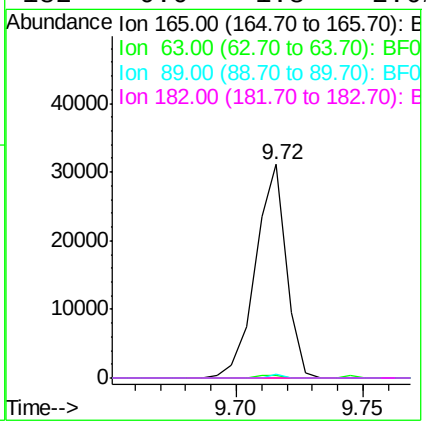


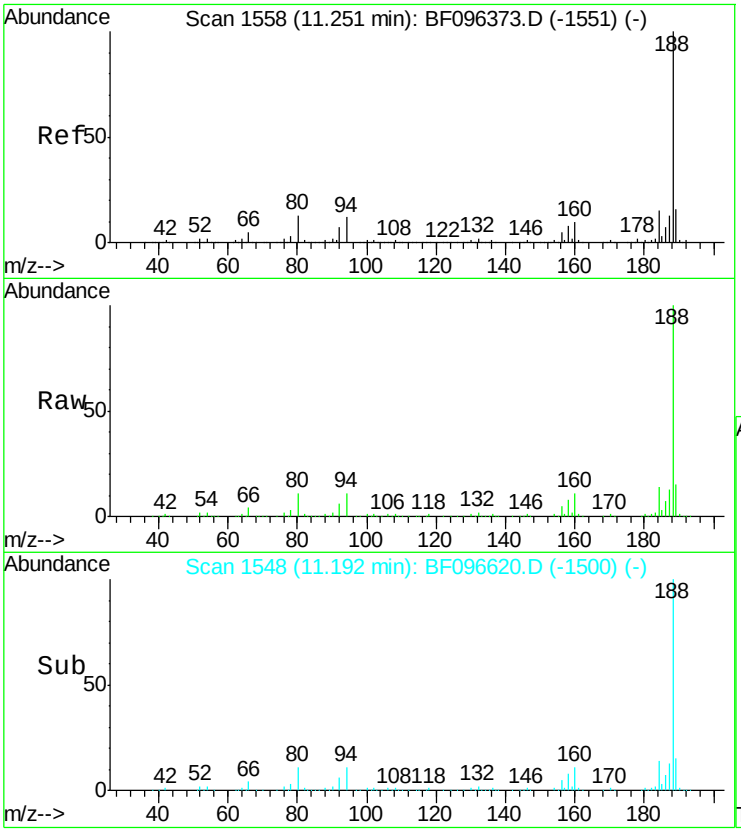


#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:165 Resp: 26279

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



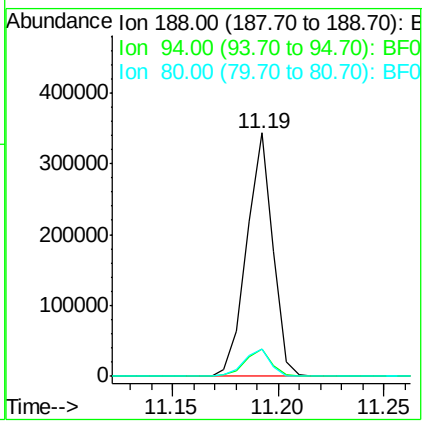


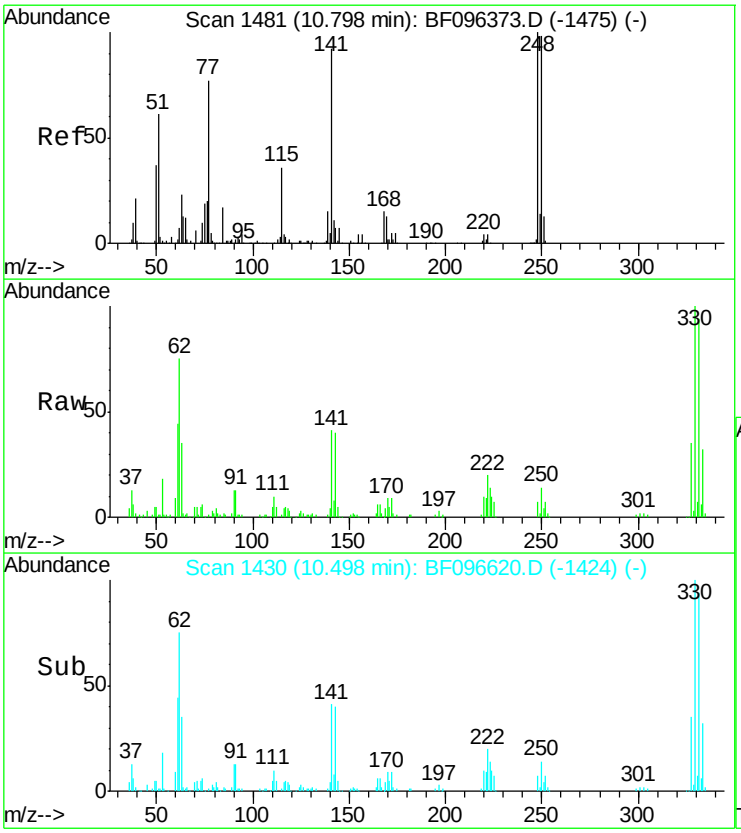
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 295791

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

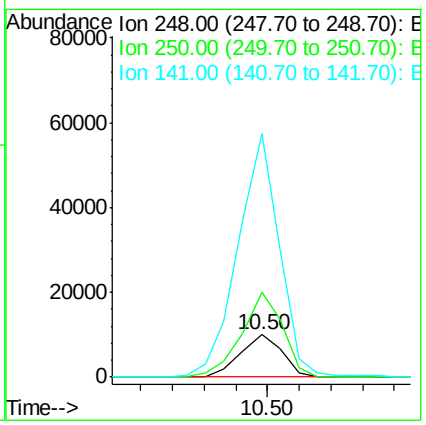


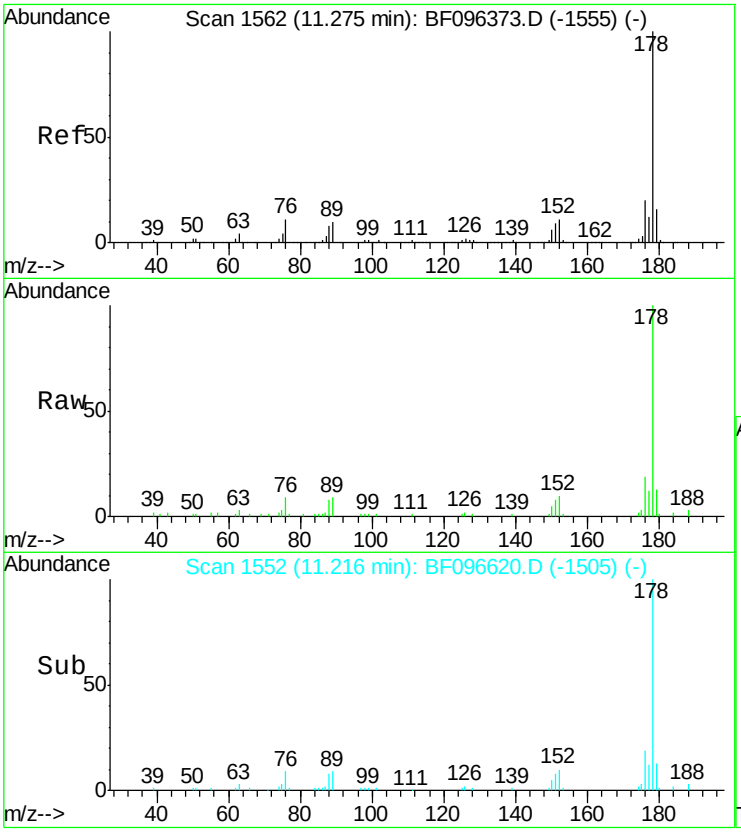


#66
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:248 Resp: 9043

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.8	115.2#
141	578.9	68.6	103.0#



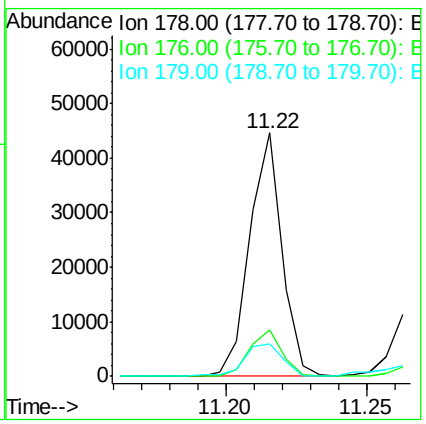


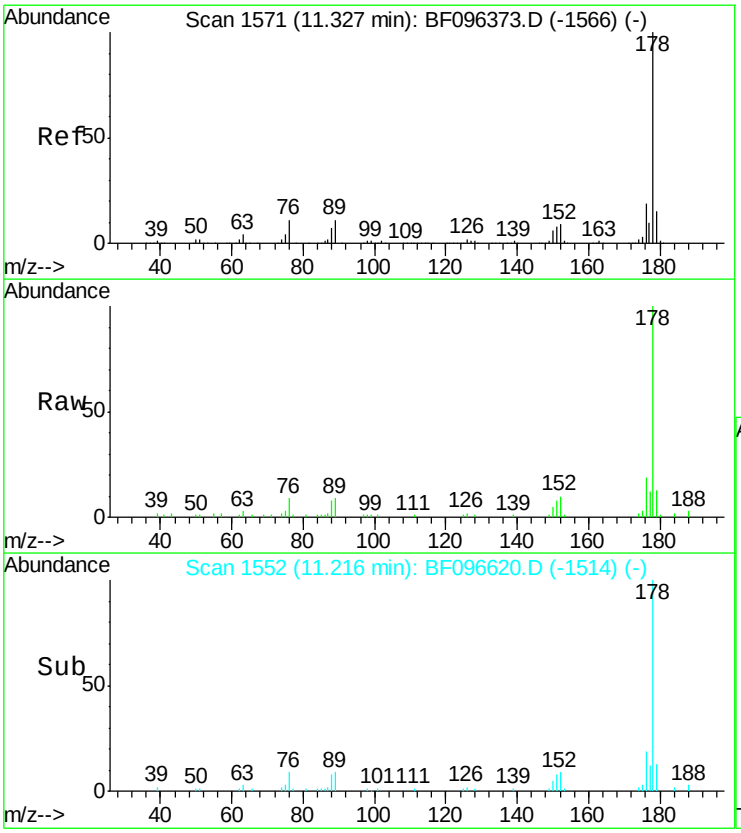
#70
Phenanthrene
Concen: 2.22 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 35478

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	13.5	12.6	19.0

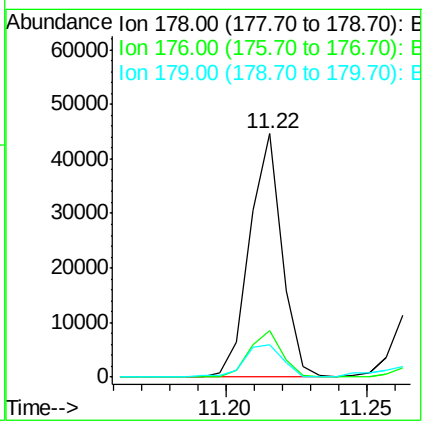


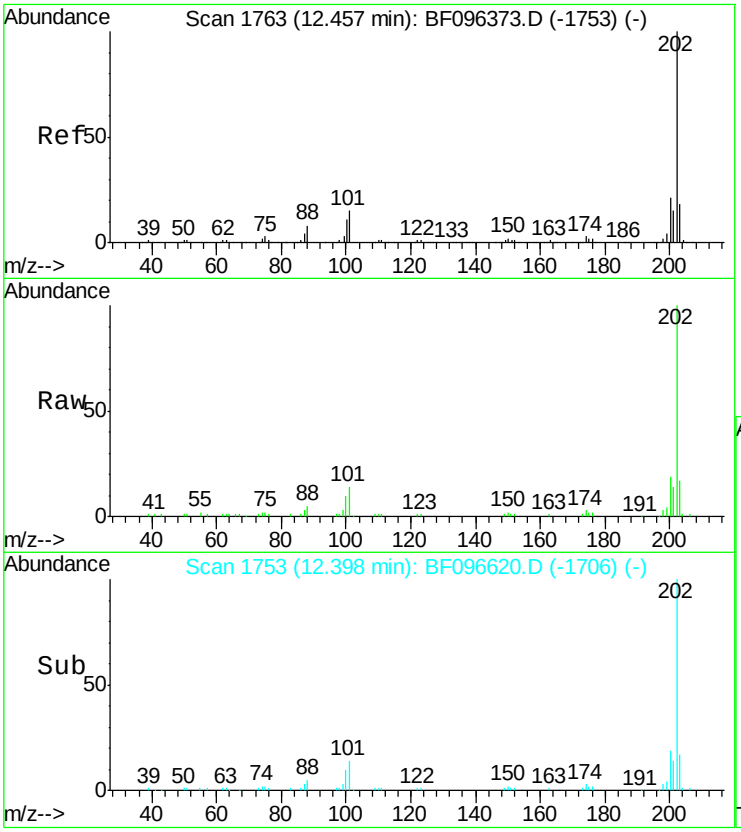


#71
Anthracene
Concen: 2.18 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.08 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:178 Resp: 35478

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	13.5	12.7	19.1



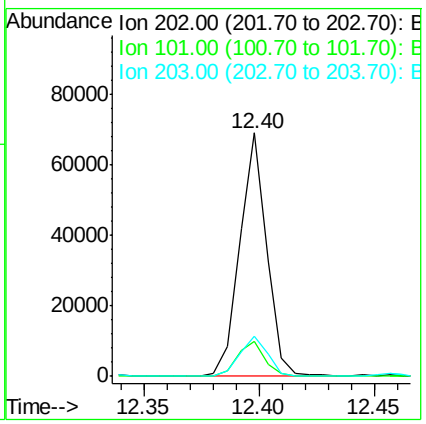


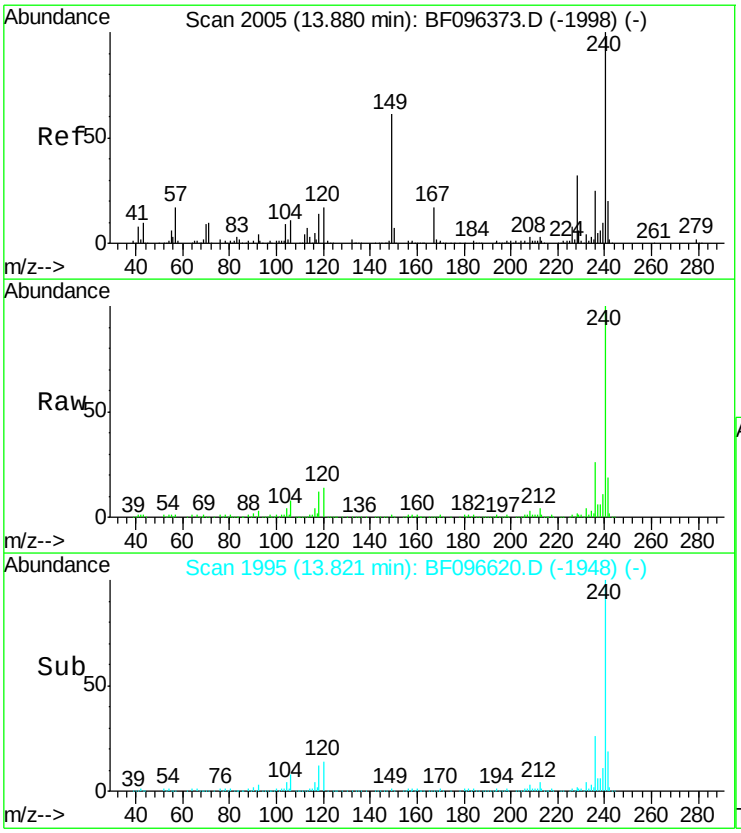
#74
Fluoranthene
Concen: 3.59 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 56297

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.5	0.0	38.1

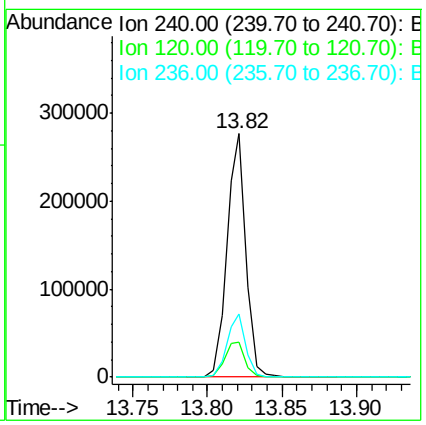


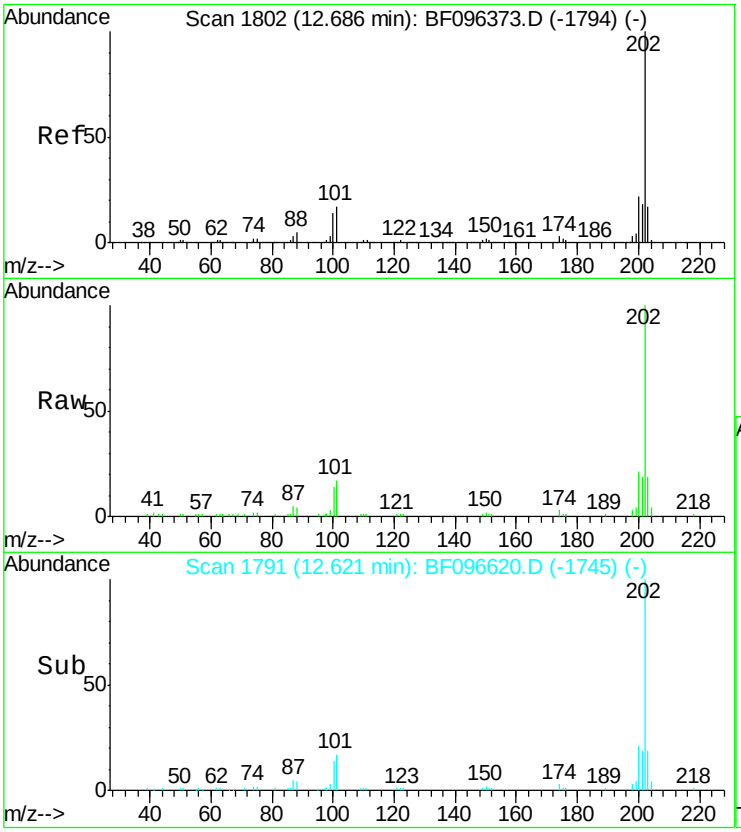


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:240 Resp: 247648

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.7	20.5	30.7



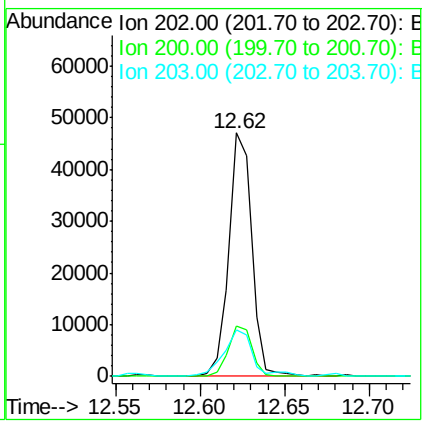


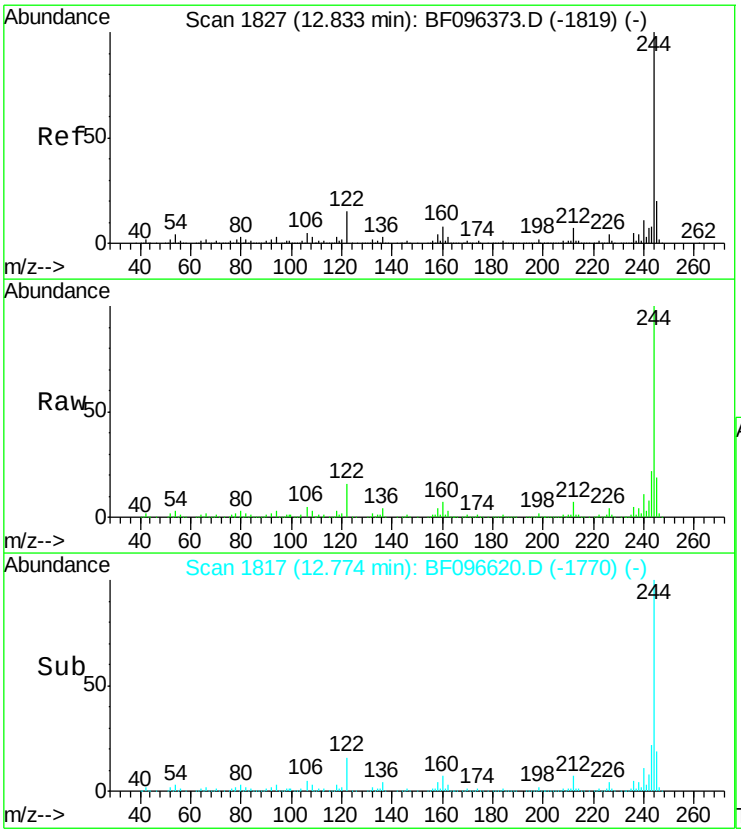
#77
Pyrene
Concen: 2.22 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 44190

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.3	14.4	21.6

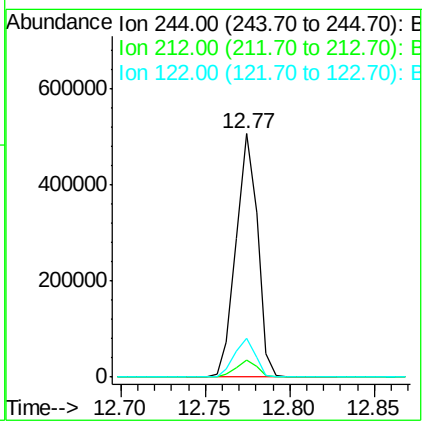


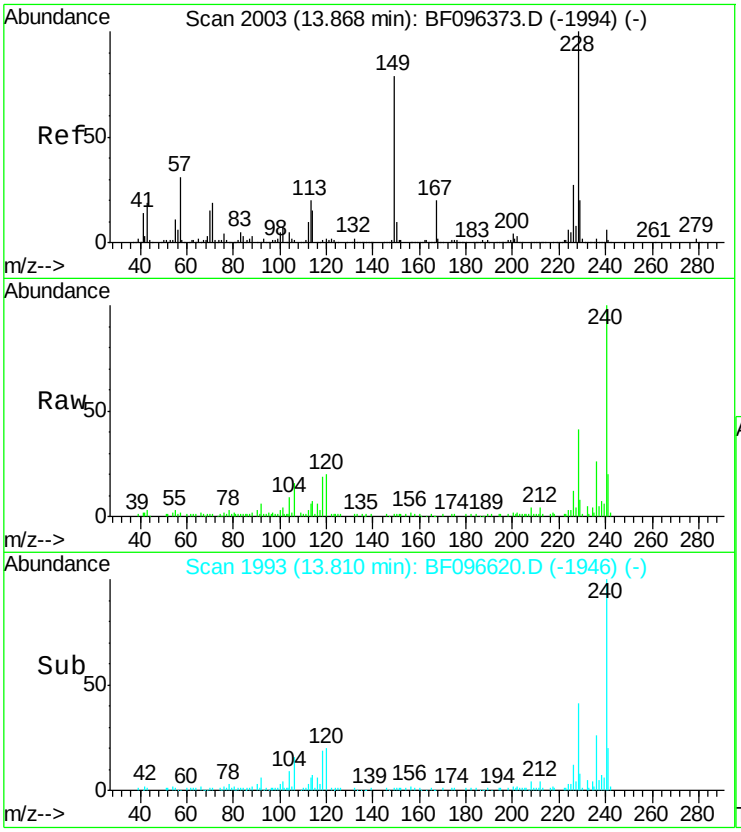


#78
Terphenyl-d14
Concen: 38.86 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:244 Resp: 450424

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.8	10.3	15.5#



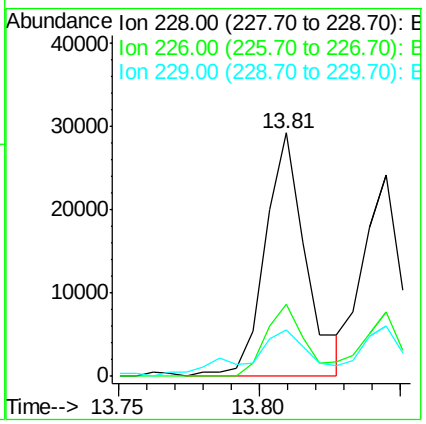


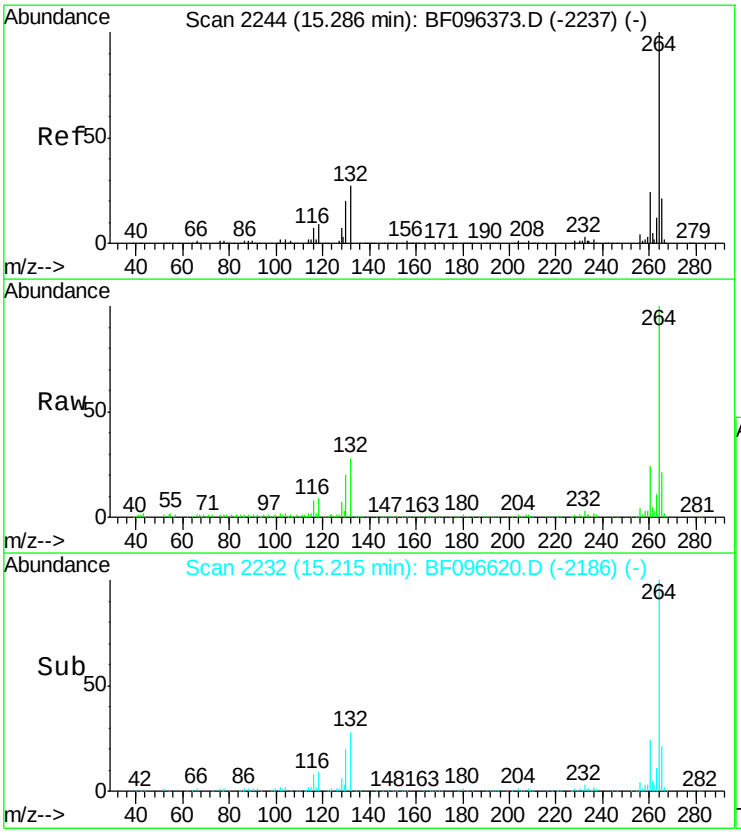
#80
Benzo(a)anthracene
Concen: 2.03 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29057

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	18.9	16.3	24.5

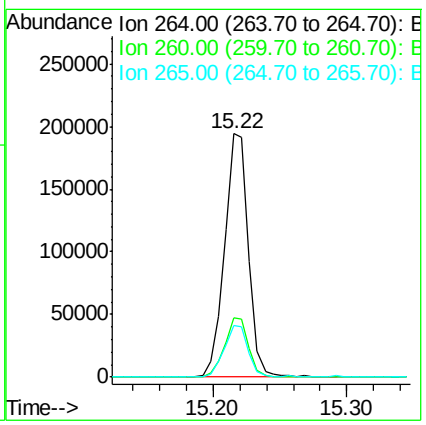


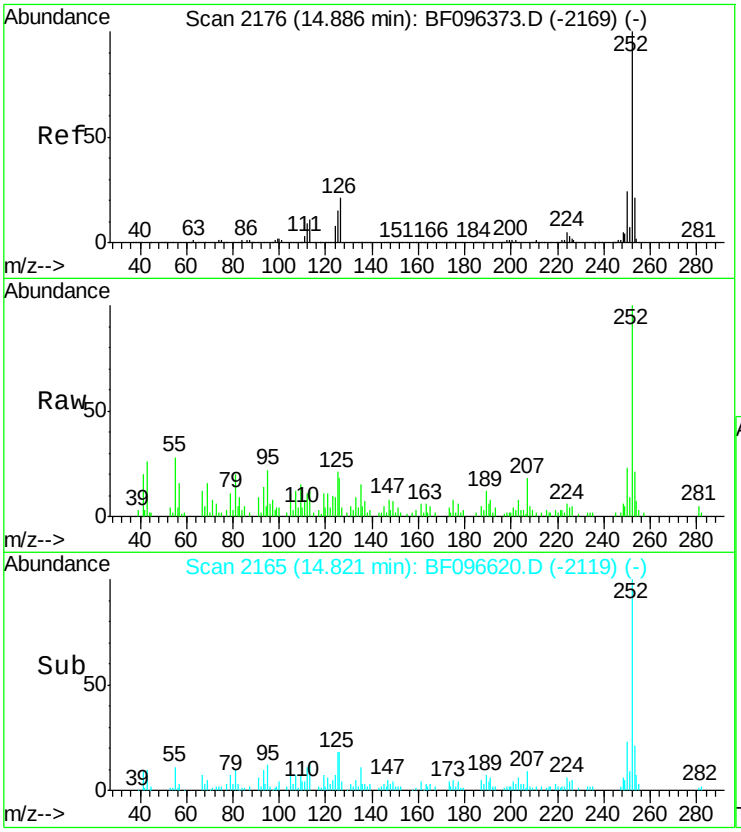


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:264 Resp: 244515

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8



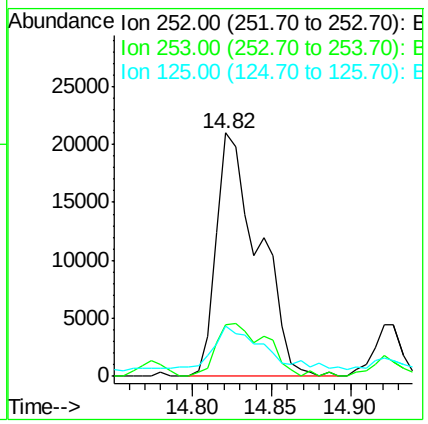


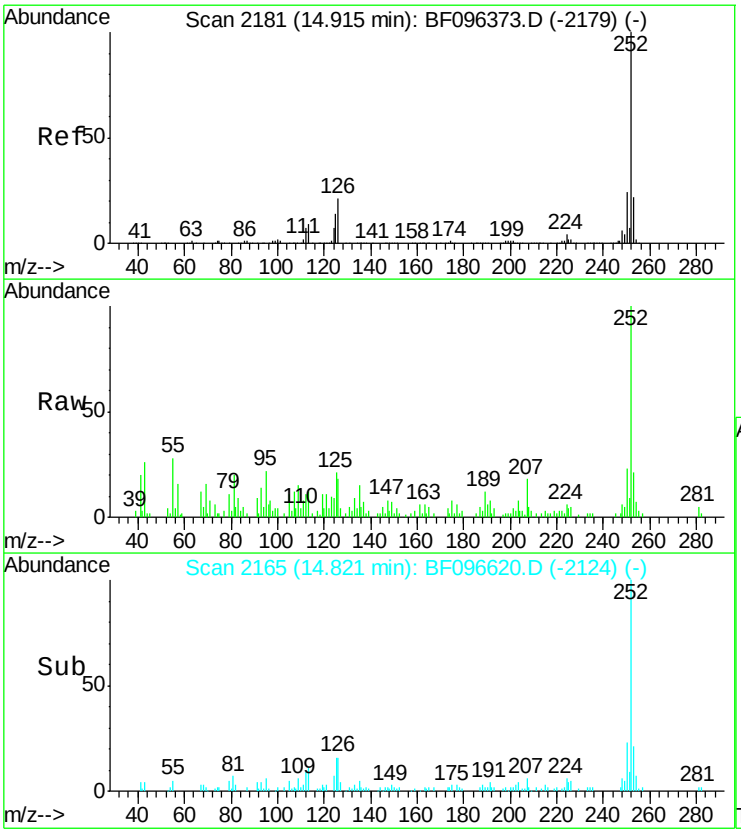
#87
Benzo(b)fluoranthene
Concen: 2.55 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39083

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	20.8	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.85 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.06 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion:252 Resp: 39083

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.4	27.6
125	20.8	13.1	19.7#