Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\

Quantitation Report (Not Reviewed)

Data File : BF096961.D
Acq On : 21 Jul 2017 23:15
Operator : SJ/JU
Sample : I4290-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2

Quant Time: Jul 22 03:22:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	109842	20.00	ng		-0.04
21) Naphthalene-d8	7.83	136	432793	20.00	ng		-0.05
38) Acenaphthene-d10	9.58	164	160417	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	233393	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	226454	20.00	ng		-0.05
86) Perylene-d12	15.05	264	188199	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	658490	90.14	ng		-0.04
7) Phenol-d6	6.22	99	766090	87.39	ng		-0.04
23) Nitrobenzene-d5	7.12	82	447030	63.98	ng		-0.05
41) 2,4,6-Tribromophenol	10.37	330	110846	80.95	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	683862	67.35	ng		-0.05
78) Terphenyl-d14	12.65	244	424913	32.54	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.22	94	30663	3.09	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	59607	11.29	ng	#	87
25) Isophorone	7.12	82	442794	34.07	ng	#	67
49) Dimethylphthalate	9.31	163	59538	4.93	ng		97
50) 2,6-Dinitrotoluene	9.58	165	20494	7.83	ng	#	34
56) 2,4-Dinitrotoluene	9.58	165	20494	6.10	ng	#	33
66) 4-Bromophenyl-phenylether	10.37	248	6958	2.92	ng	#	1
74) Fluoranthene	12.26	202	47335	3.90	ng		98
77) Pyrene	12.49	202	49984	2.43	ng		97
85) Indeno(1,2,3-cd)pyrene	16.17	276	2926	3.55	ng		91
87) Benzo(b)fluoranthene	14.68	252	39333	3.47	ng	#	89
88) Benzo(k)fluoranthene	14.68	252	39333	3.66	ng	#	93
89) Benzo(a)pyrene	14.99	252	21346	2.05	ng	#	95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\

Quantitation Report (Not Reviewed)

Data File : BF096961.D
Acq On : 21 Jul 2017 23:15
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Sample : I4290-02
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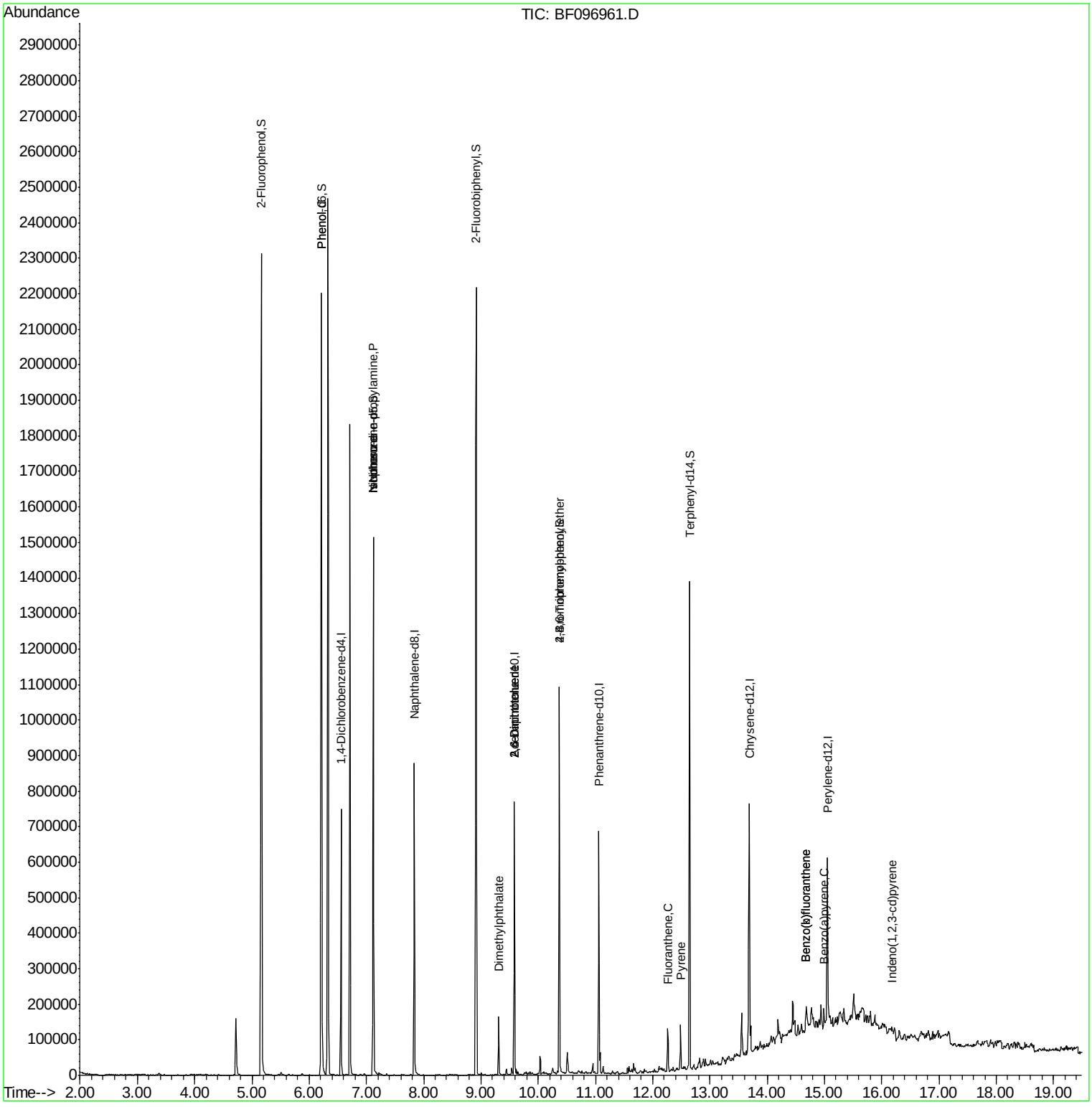
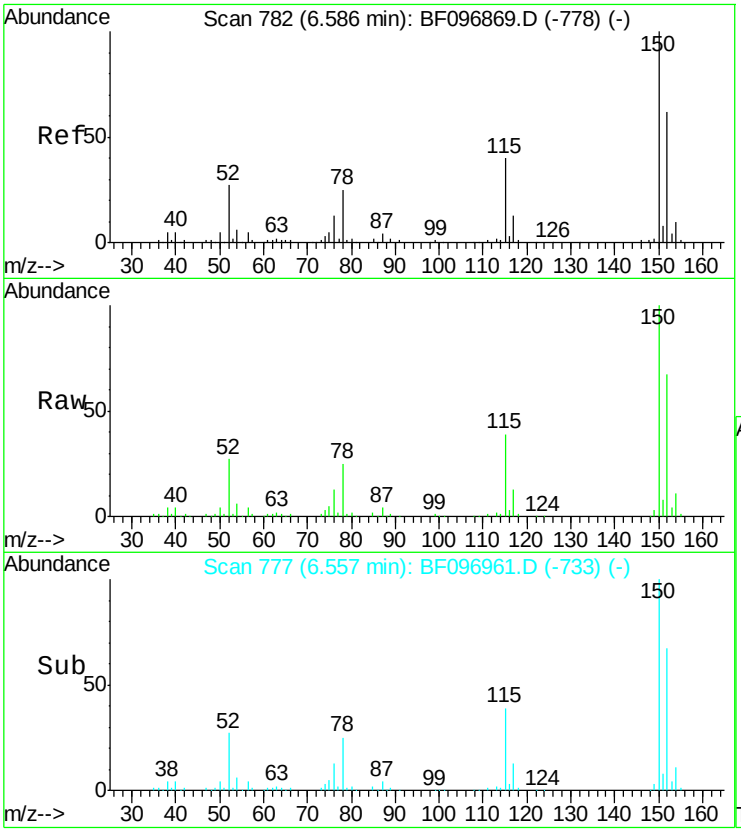
Instrument :
BNA_F
ClientSampleId :
S-2

Quant Time: Jul 22 03:22:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



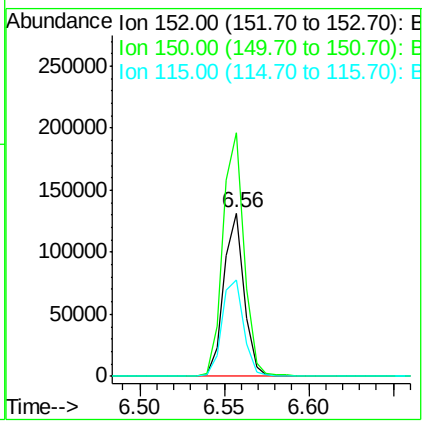


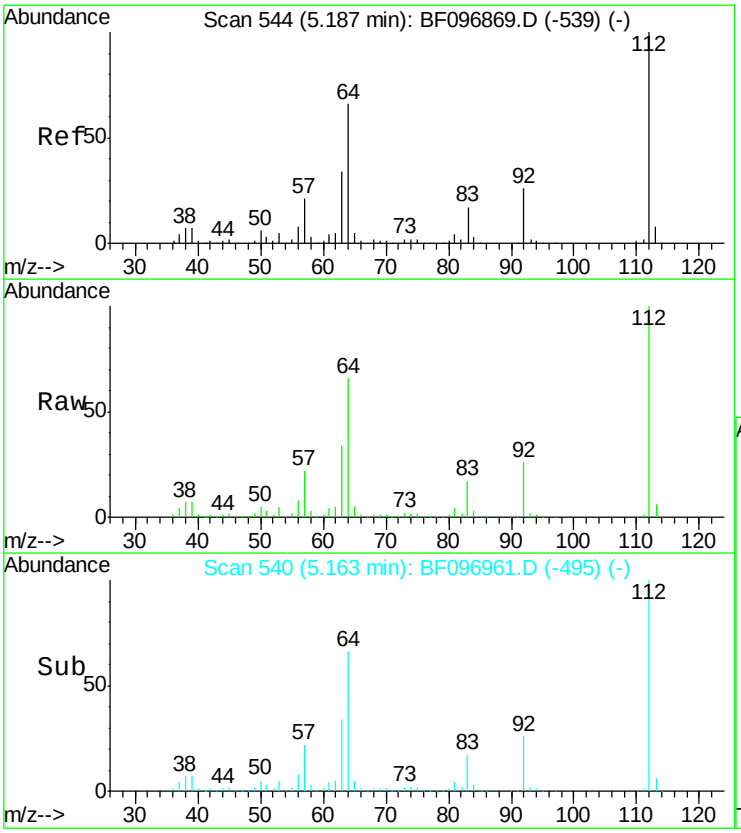
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:152 Resp: 109842

Ion	Ratio	Lower	Upper
152	100		
150	148.8	126.2	189.2
115	58.7	52.2	78.2

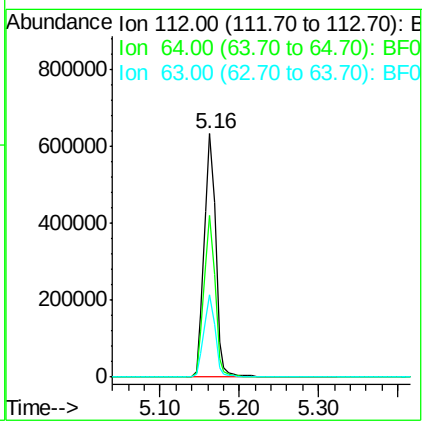


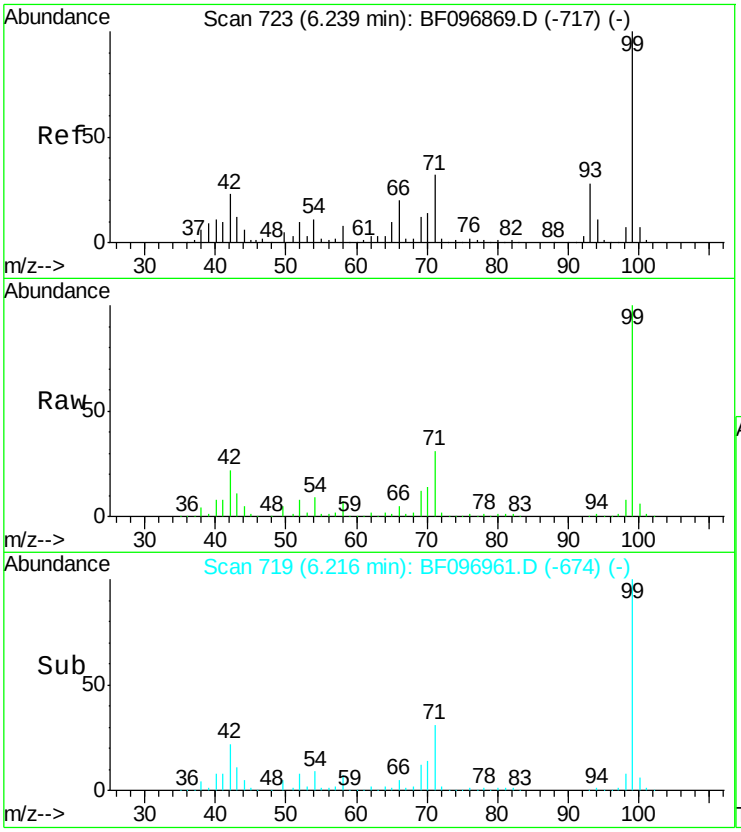


#5
2-Fluorophenol
Concen: 90.14 ng
RT: 5.16 min Scan# 540
Delta R.T. -0.04 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:112 Resp: 658490

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.9	23.4	35.0



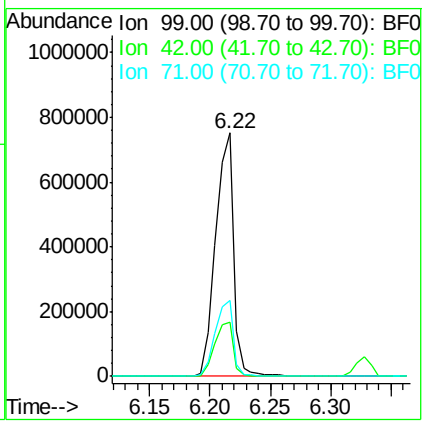


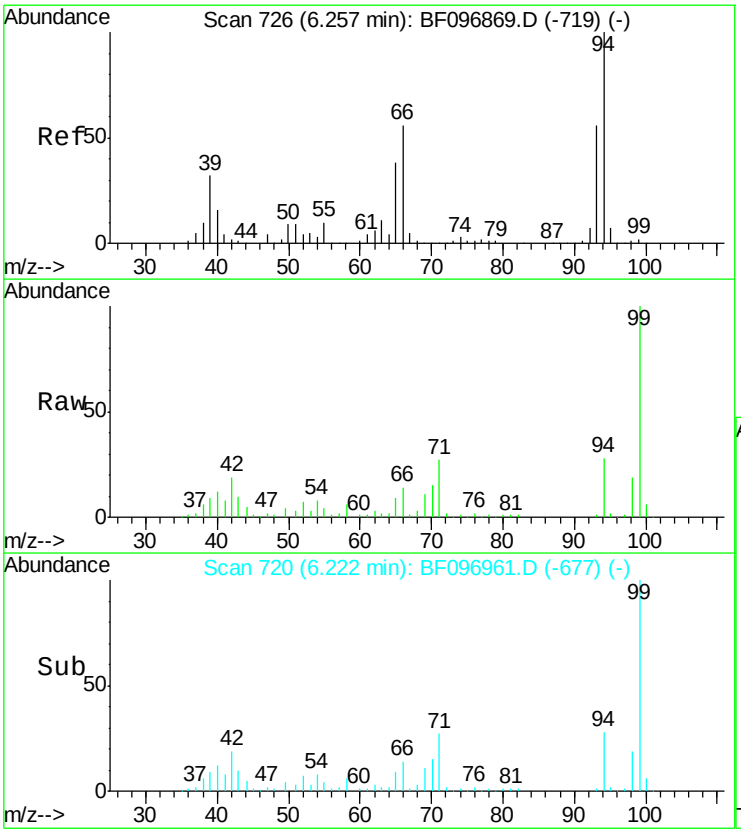
#7
Phenol-d6
Concen: 87.39 ng
RT: 6.22 min Scan# 719
Delta R.T. -0.04 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 99 Resp: 766090

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	31.2	24.5	36.7

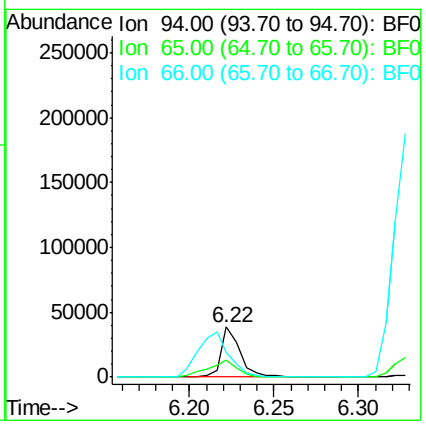


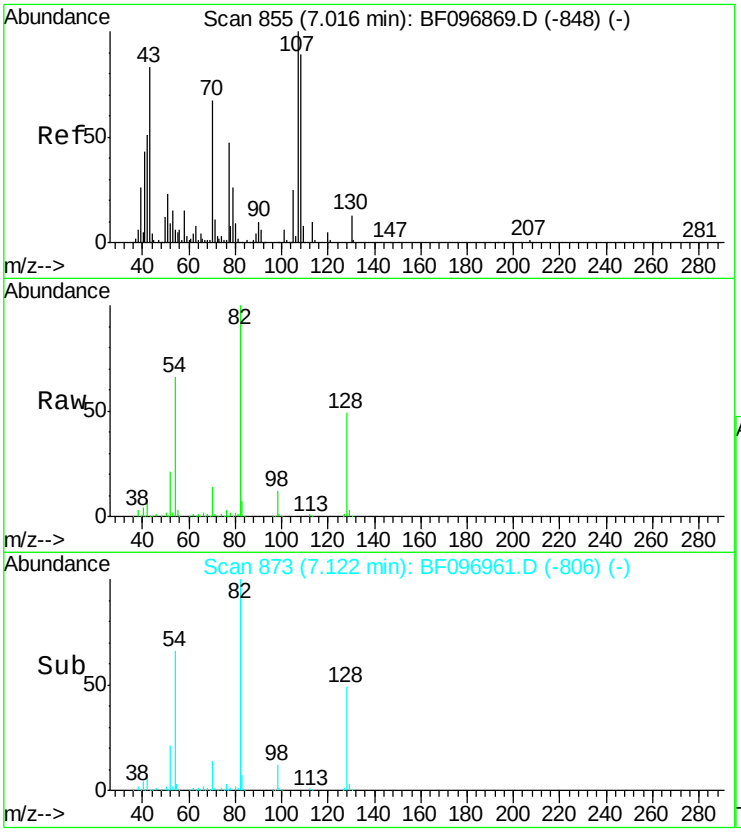


#10
Phenol
Concen: 3.09 ng
RT: 6.22 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion: 94 Resp: 30663

Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.9	49.9
66	49.6	23.1	63.1



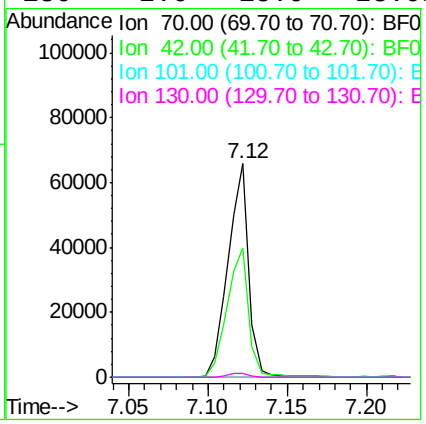


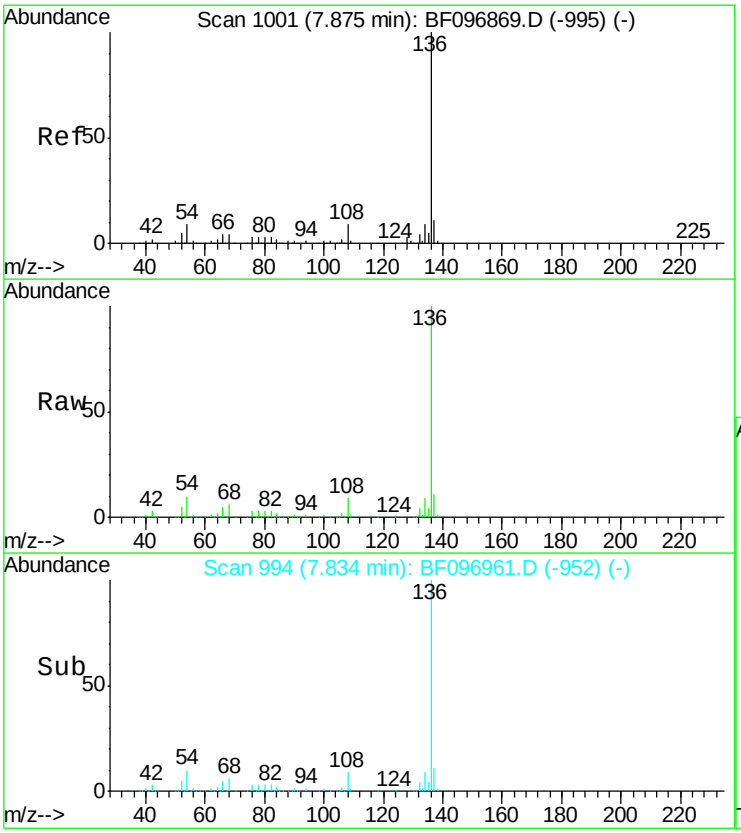
#19
n-Nitroso-di-n-propylamine
Concen: 11.29 ng
RT: 7.12 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 70 Resp: 59607

Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

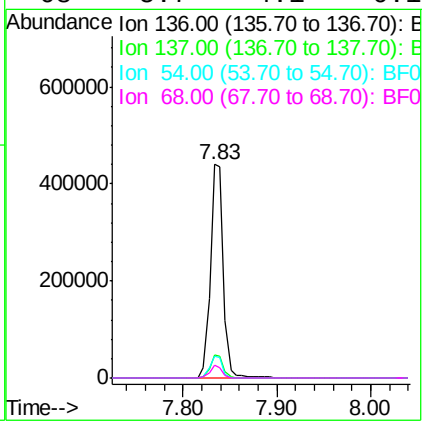


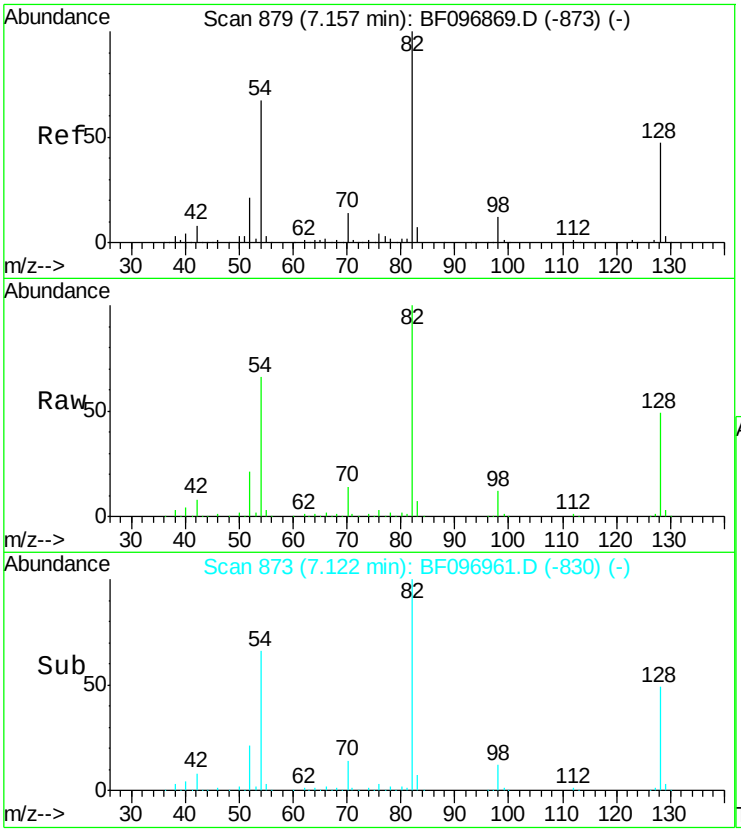


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:136 Resp: 432793

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.4	4.9	7.3#
68	5.7	4.1	6.1



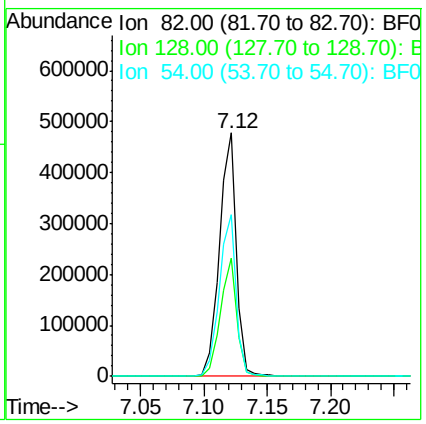


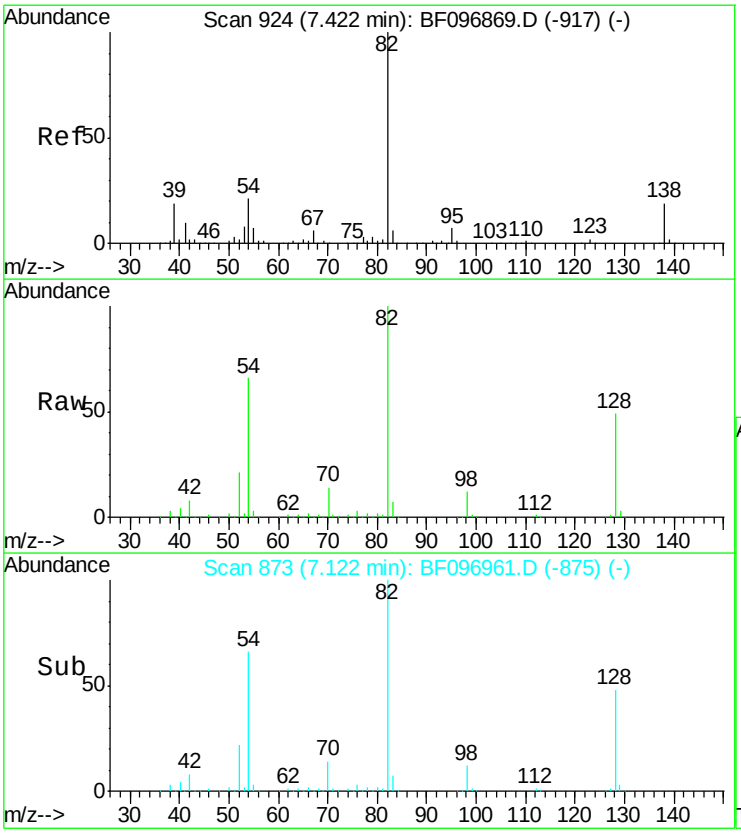
#23
Nitrobenzene-d5
Concen: 63.98 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 82 Resp: 447030

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	66.3	42.2	63.2#

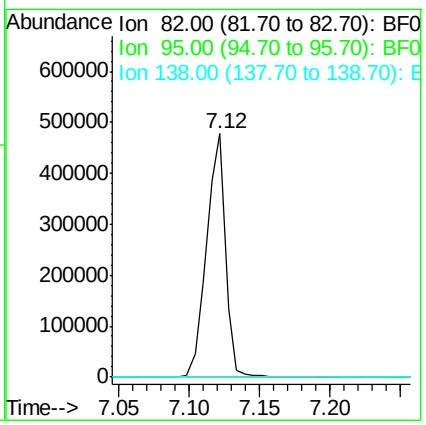


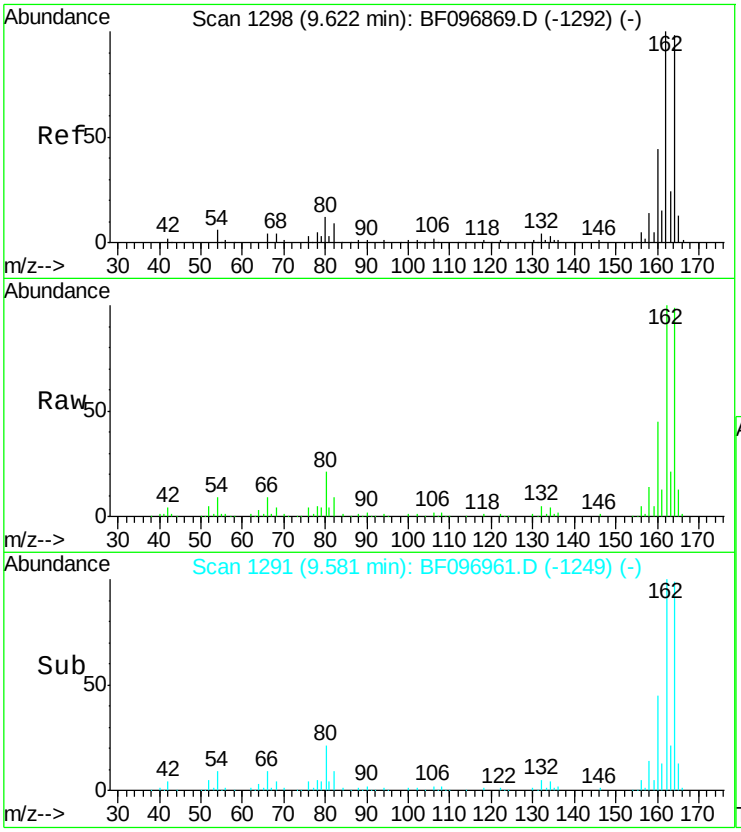


#25
Isophorone
Concen: 34.07 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.31 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion: 82 Resp: 442794

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



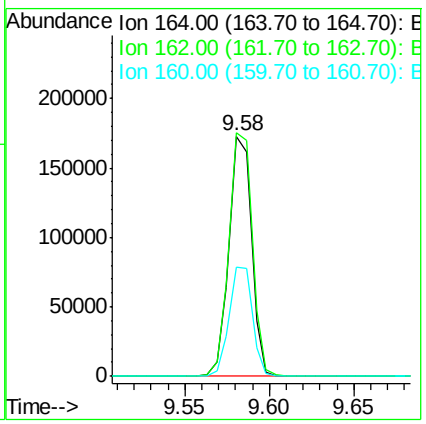


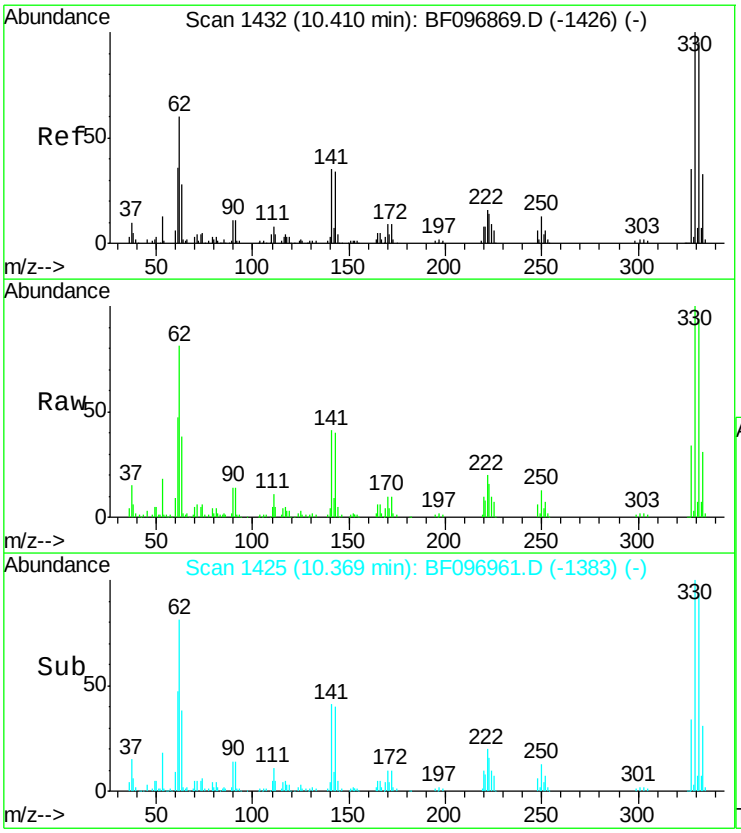
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:164 Resp: 160417

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.7	36.2	54.2

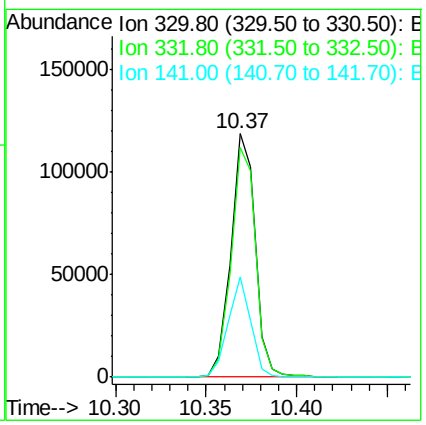


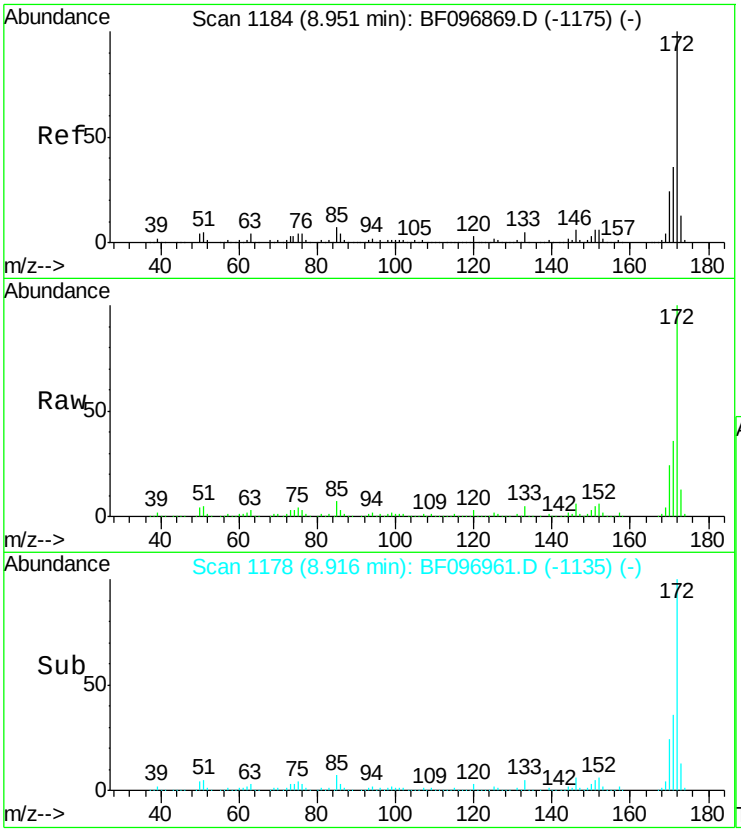


#41
2,4,6-Tribromophenol
Concen: 80.95 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:330 Resp: 110846

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.5	31.4	47.2



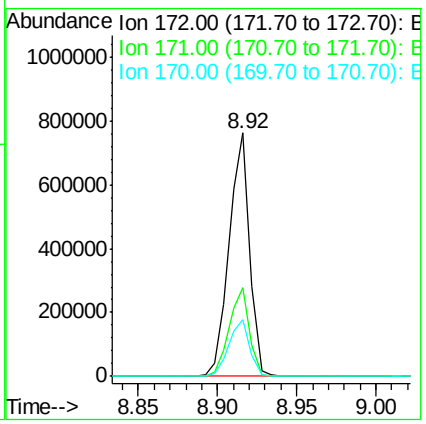


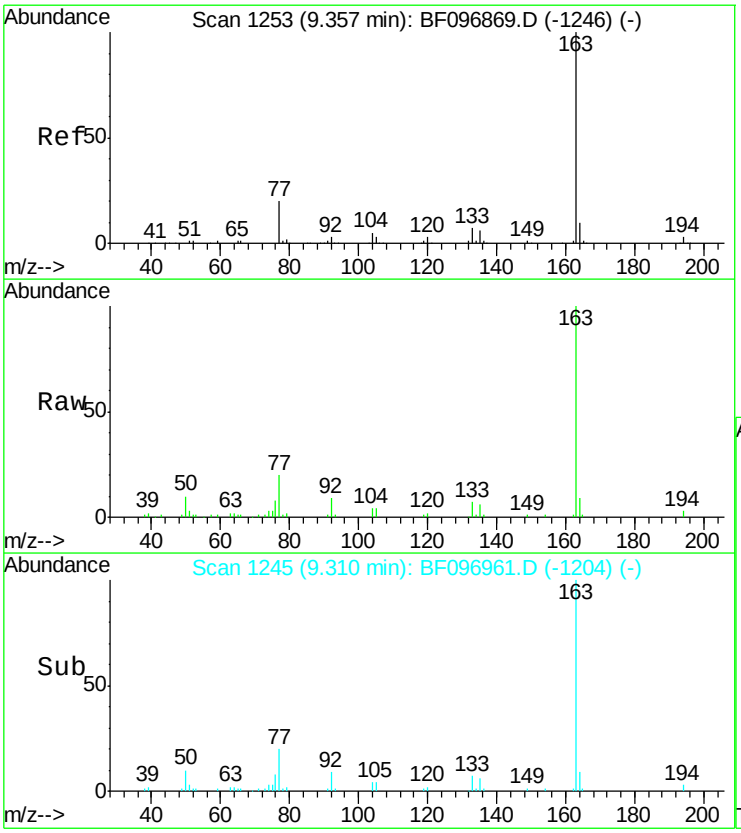
#44
2-Fluorobiphenyl
Concen: 67.35 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:172 Resp: 683862

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.5	19.8	29.8

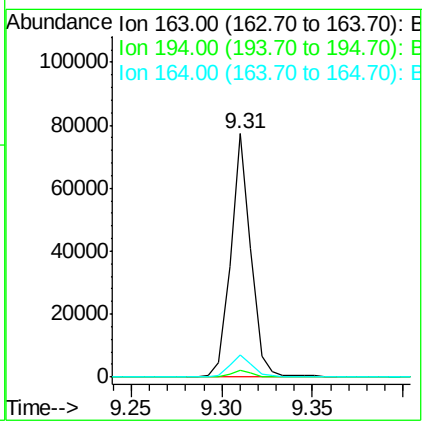


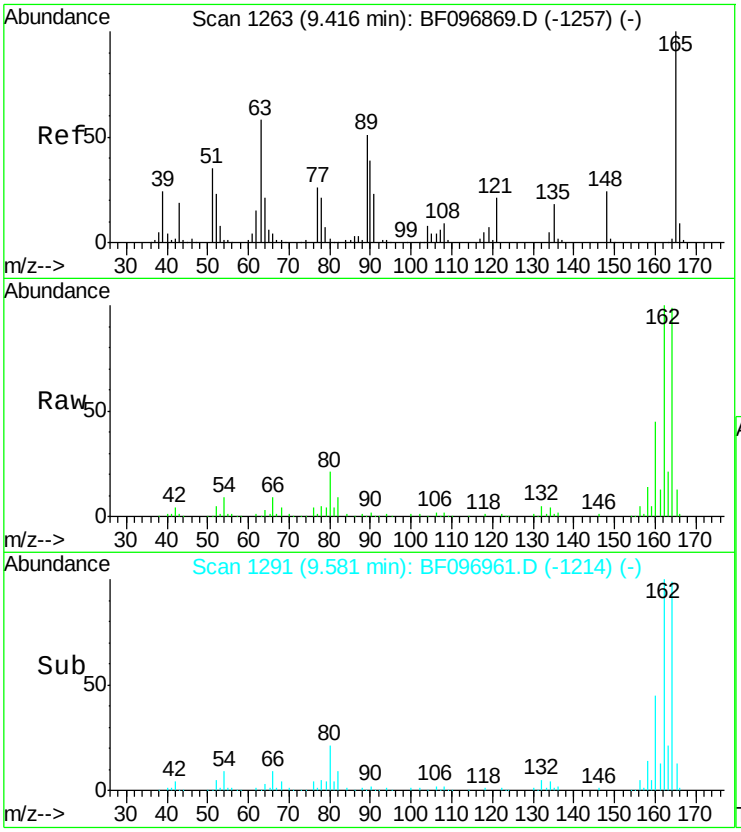


#49
Dimethylphthalate
Concen: 4.93 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:163 Resp: 59538

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.2	8.4	12.6



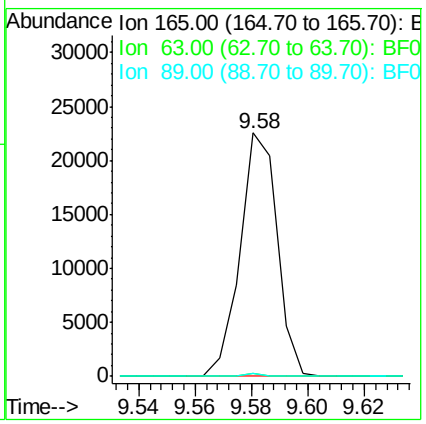


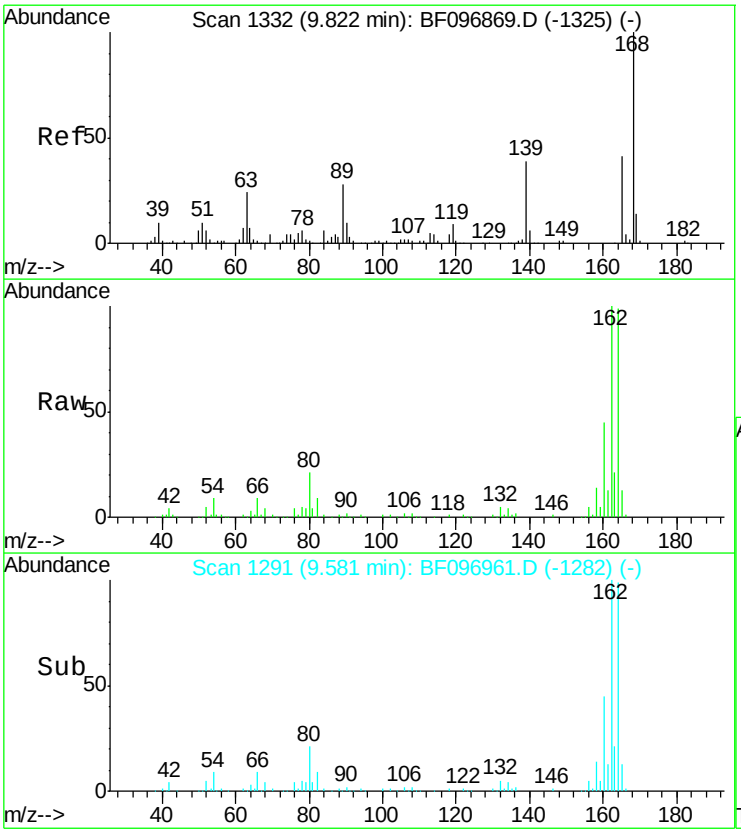
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.58 min Scan# 1291
Delta R.T. 0.15 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:165 Resp: 20494

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.4	37.1	55.7#

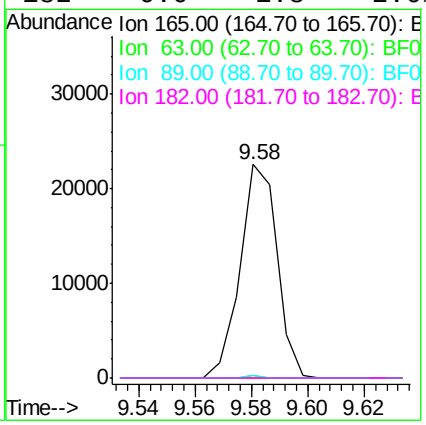


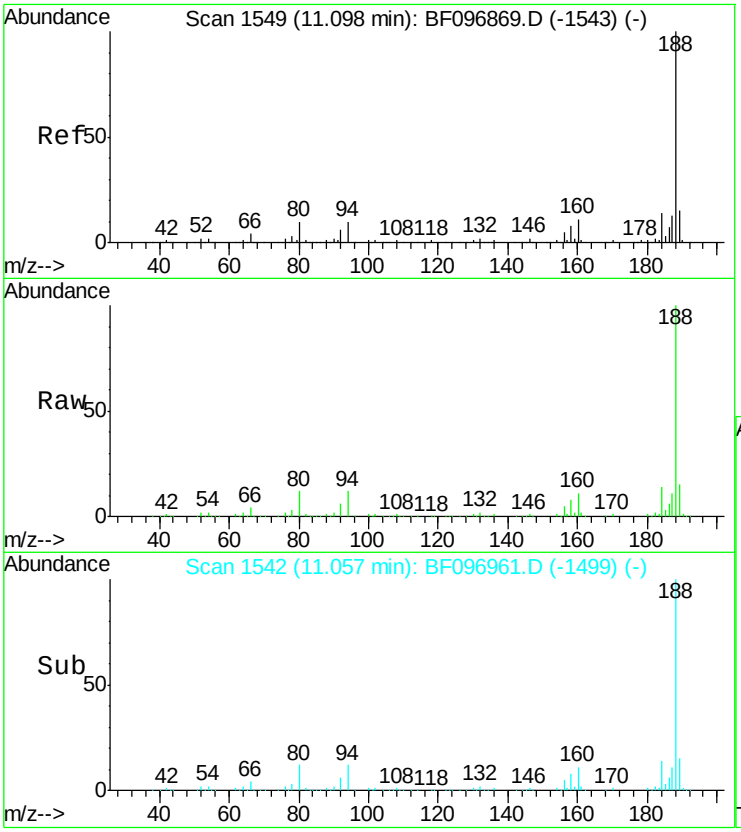


#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.25 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:165 Resp: 20494

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



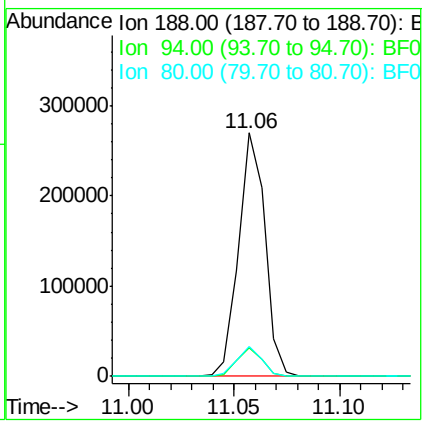


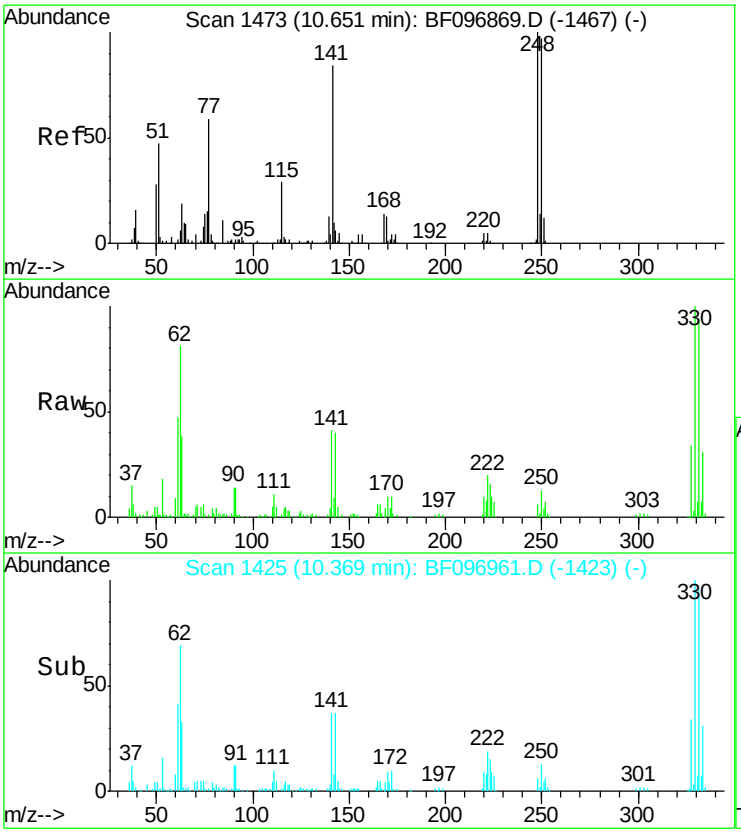
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:188 Resp: 233393

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.1	10.2	15.2

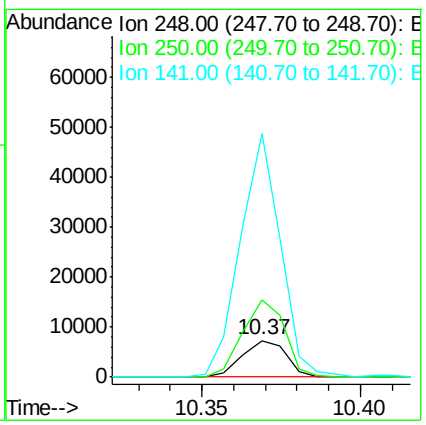


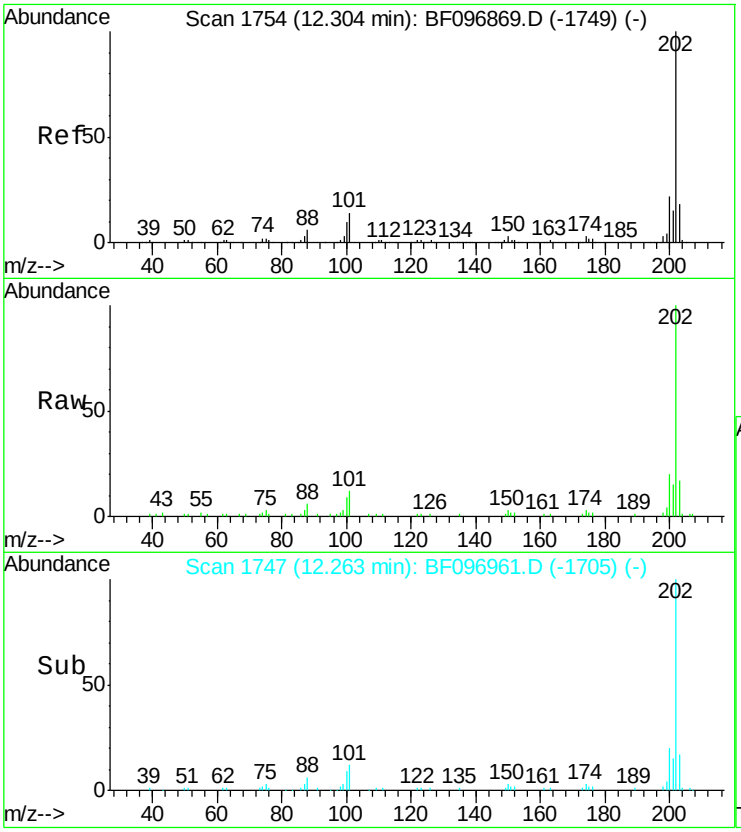


#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:248 Resp: 6958

Ion	Ratio	Lower	Upper
248	100		
250	210.1	76.8	115.2#
141	664.8	68.6	103.0#



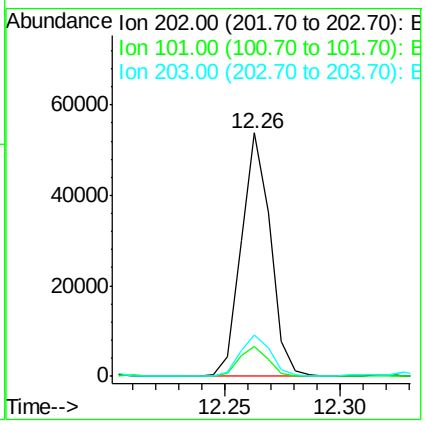


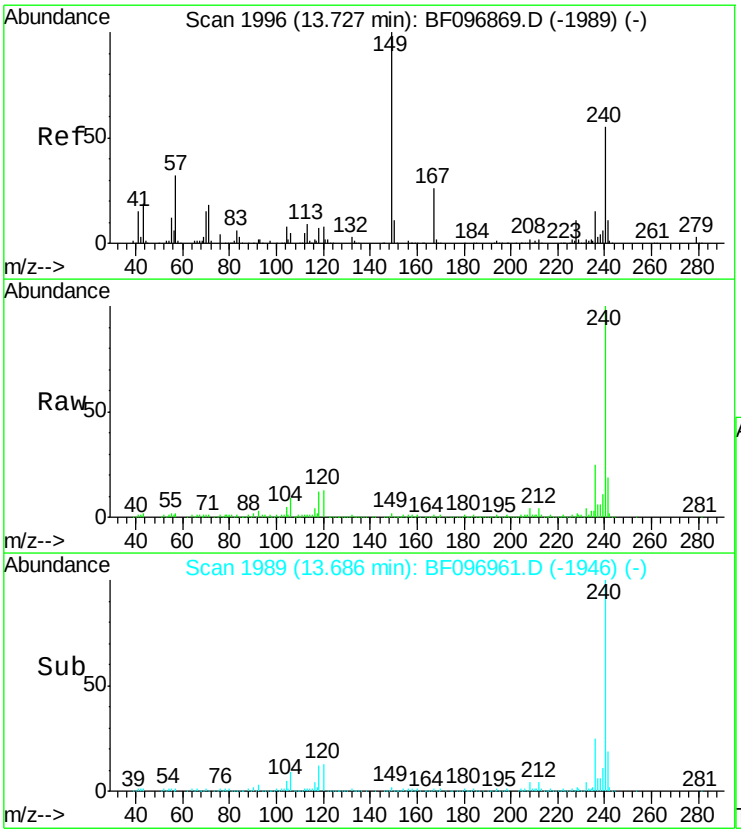
#74
Fluoranthene
Concen: 3.90 ng
RT: 12.26 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:202 Resp: 47335

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.0	0.0	38.1

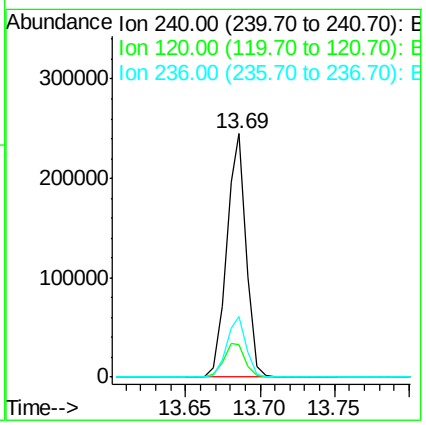


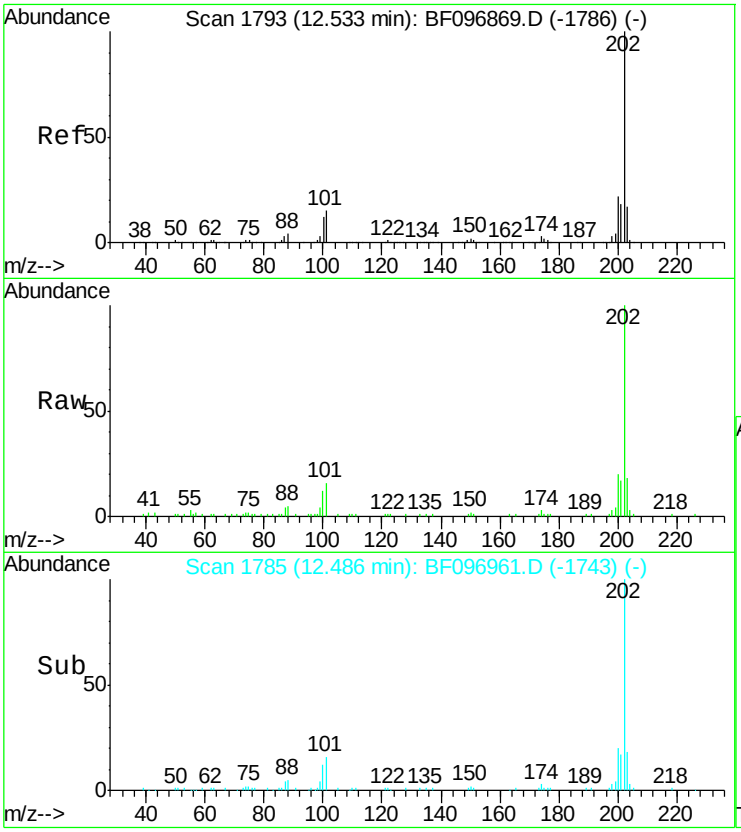


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:240 Resp: 226454

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.1	20.5	30.7



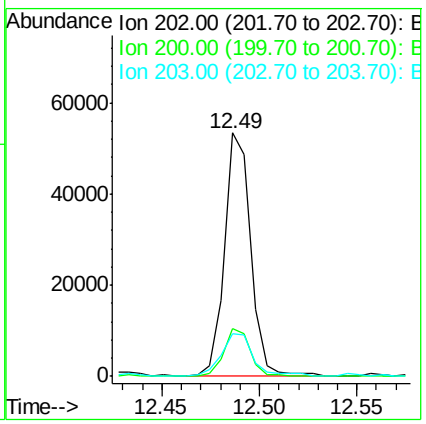


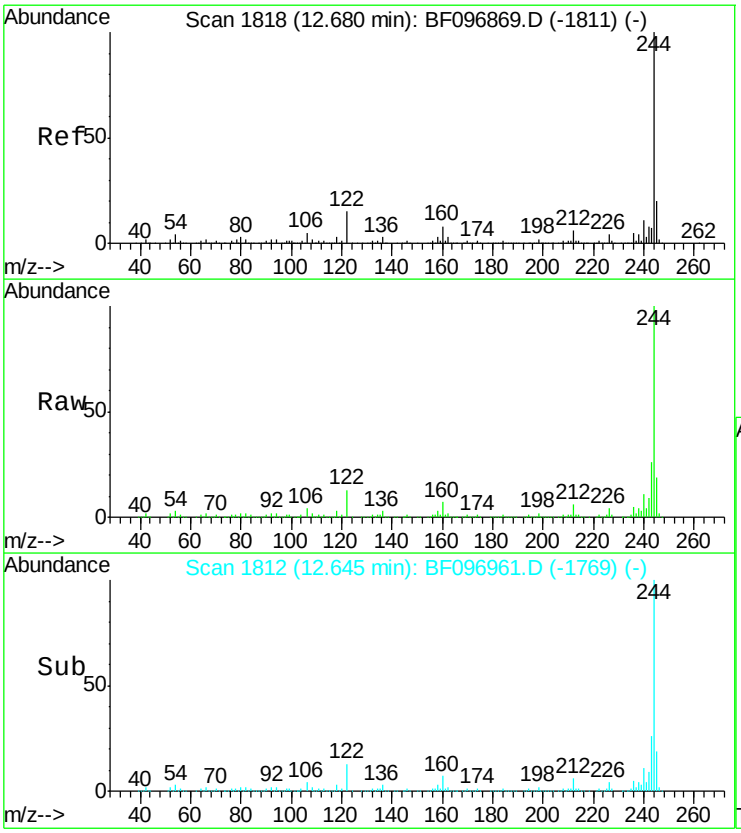
#77
Pyrene
Concen: 2.43 ng
RT: 12.49 min Scan# 1785
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:202 Resp: 49984

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	17.6	14.4	21.6

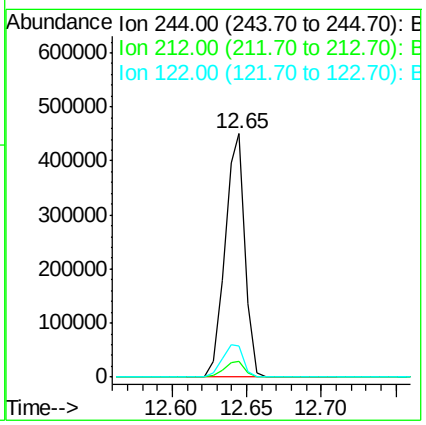


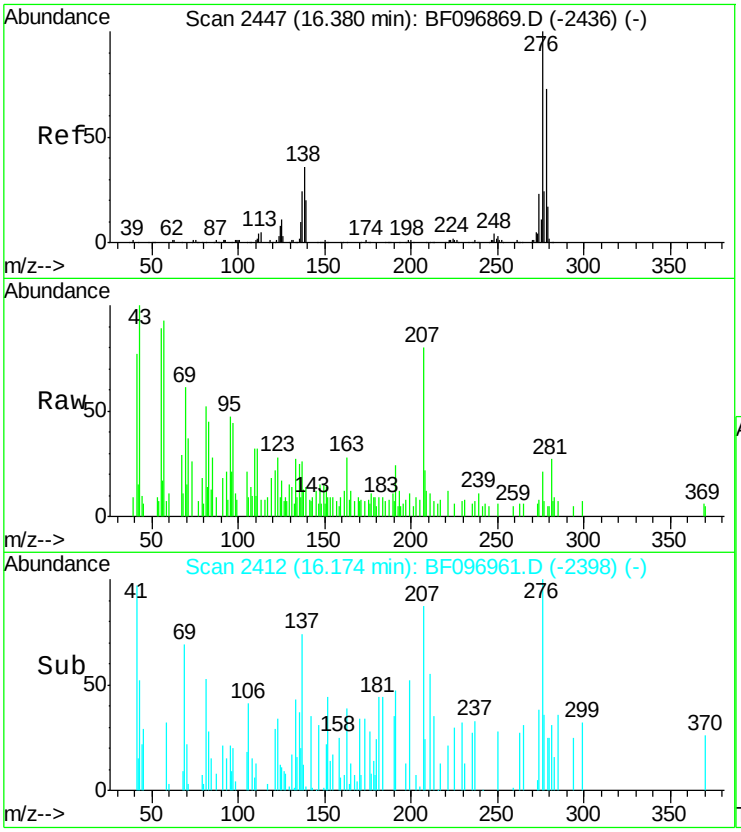


#78
Terphenyl-d14
Concen: 32.54 ng
RT: 12.65 min Scan# 1812
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:244 Resp: 424913

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	12.8	10.3	15.5



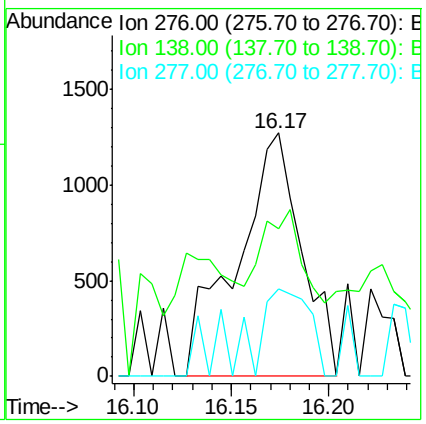


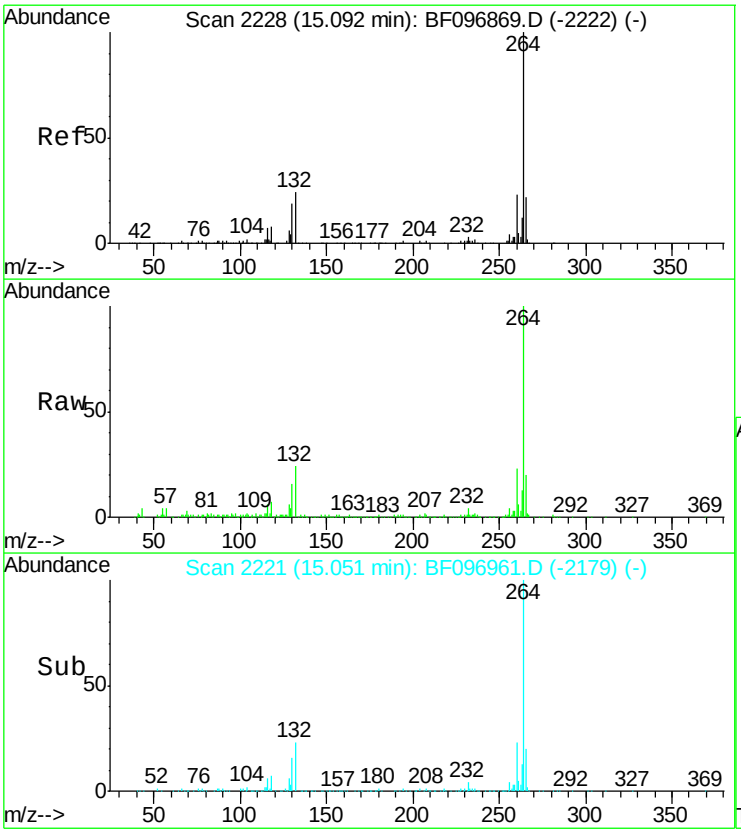
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.55 ng
RT: 16.17 min Scan# 2412
Delta R.T. -0.22 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:276 Resp: 2926

Ion	Ratio	Lower	Upper
276	100		
138	28.3	27.8	41.6
277	27.9	20.2	30.4

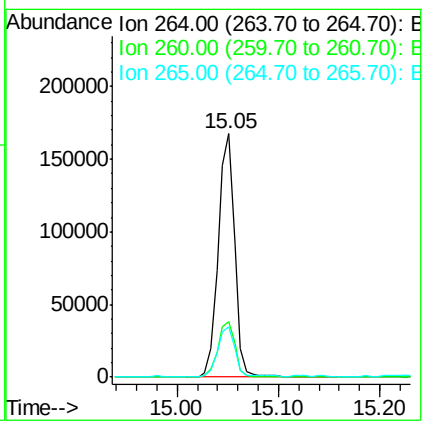


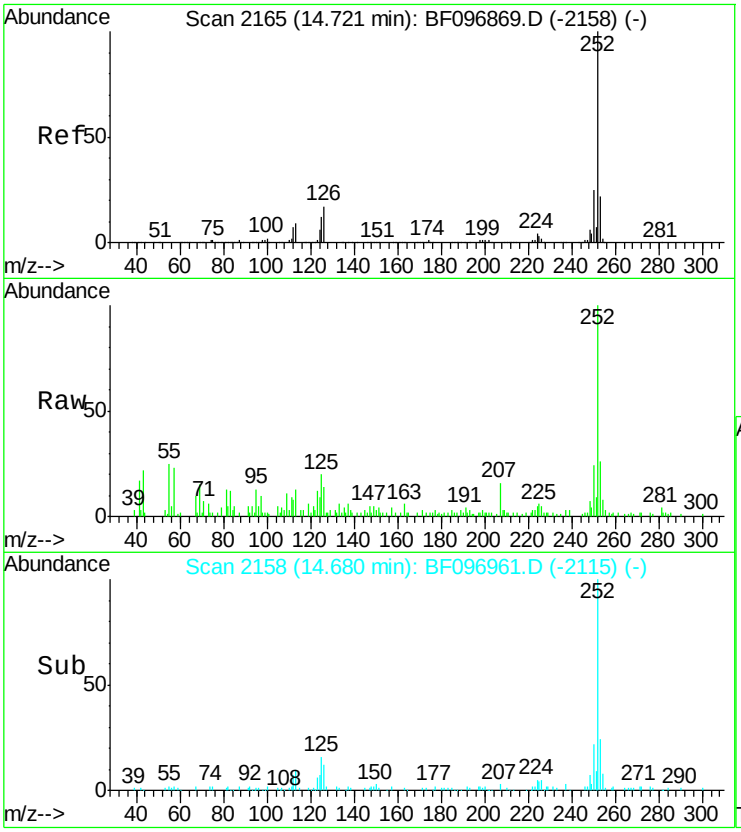


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:264 Resp: 188199

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.5	17.2	25.8



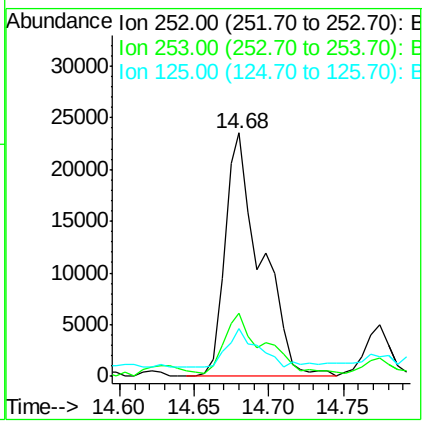


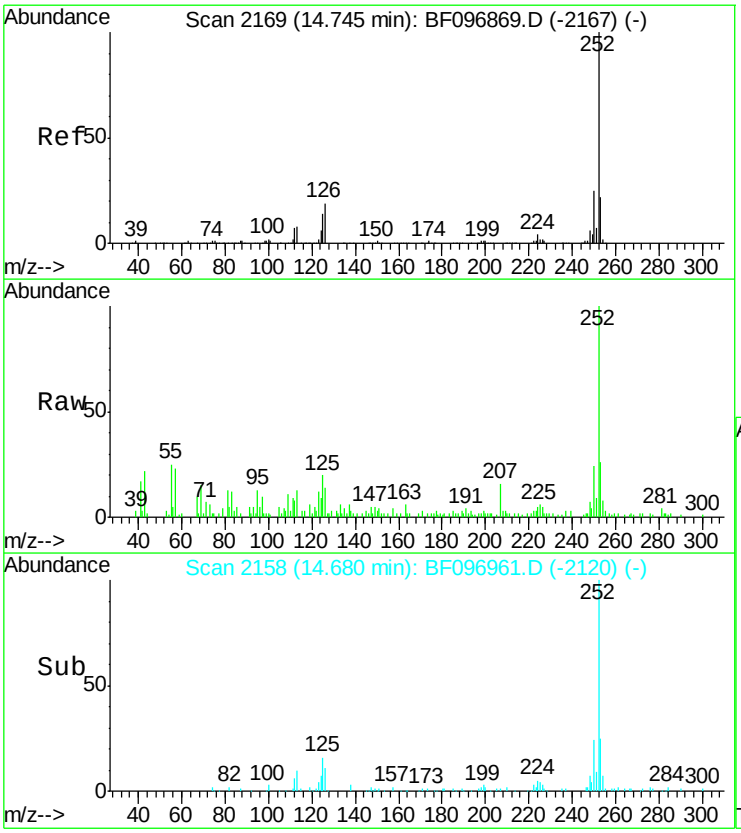
#87
Benzo(b)fluoranthene
Concen: 3.47 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:252 Resp: 39333

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	19.7	9.8	14.8#

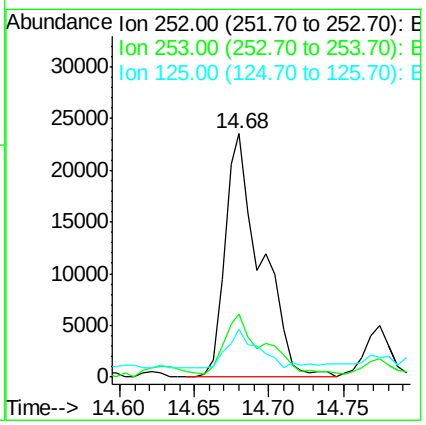


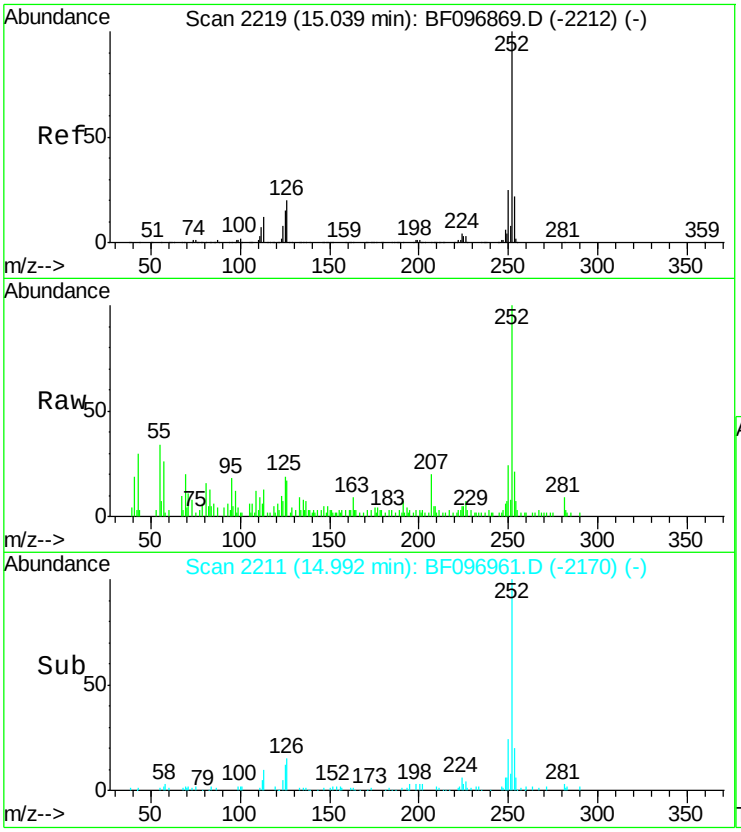


#88
Benzo(k)fluoranthene
Concen: 3.66 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.08 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Tgt Ion:252 Resp: 39333

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	19.7	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.05 ng
RT: 14.99 min Scan# 2211
Delta R.T. -0.06 min
Lab File: BF096961.D
Acq: 21 Jul 2017 23:15

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:252 Resp: 21346

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	18.6	11.0	16.4#