Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098461.D
Acq On : 12 Sep 2017 20:19
Operator : SJ/JU
Sample : I5140-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-5-0-13.75

Quant Time: Sep 13 01:00:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	197286	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	770085	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	296347	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	464458	20.00	ng		-0.01
75) Chrysene-d12	13.81	240	358085	20.00	ng		0.00
86) Perylene-d12	15.21	264	266597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	690013	51.71	ng		0.00
7) Phenol-d6	6.31	99	861972	50.88	ng		-0.01
23) Nitrobenzene-d5	7.23	82	508295	36.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	94159	47.61	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	727107	41.59	ng		-0.01
78) Terphenyl-d14	12.76	244	436392	26.30	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.23	82	500817	17.920	ng	#	67
31) Naphthalene	7.97	128	179125	4.705	ng		99
32) Benzoic acid	7.76	122	361	8.007	ng		89
49) Dimethylphthalate	9.42	163	102618	4.473	ng		100
56) 2,4-Dinitrotoluene	9.69	165	38926	6.795	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.48	198	116	5.001	ng	#	1
70) Phenanthrene	11.20	178	67943	2.759	ng		98
71) Anthracene	11.20	178	67943	2.688	ng		99
74) Fluoranthene	12.39	202	94584	3.837	ng		98
77) Pyrene	12.62	202	83706	2.963	ng		98
87) Benzo(b)fluoranthene	14.82	252	55141	3.289	ng	#	69
88) Benzo(k)fluoranthene	14.82	252	55141	3.524	ng	#	73

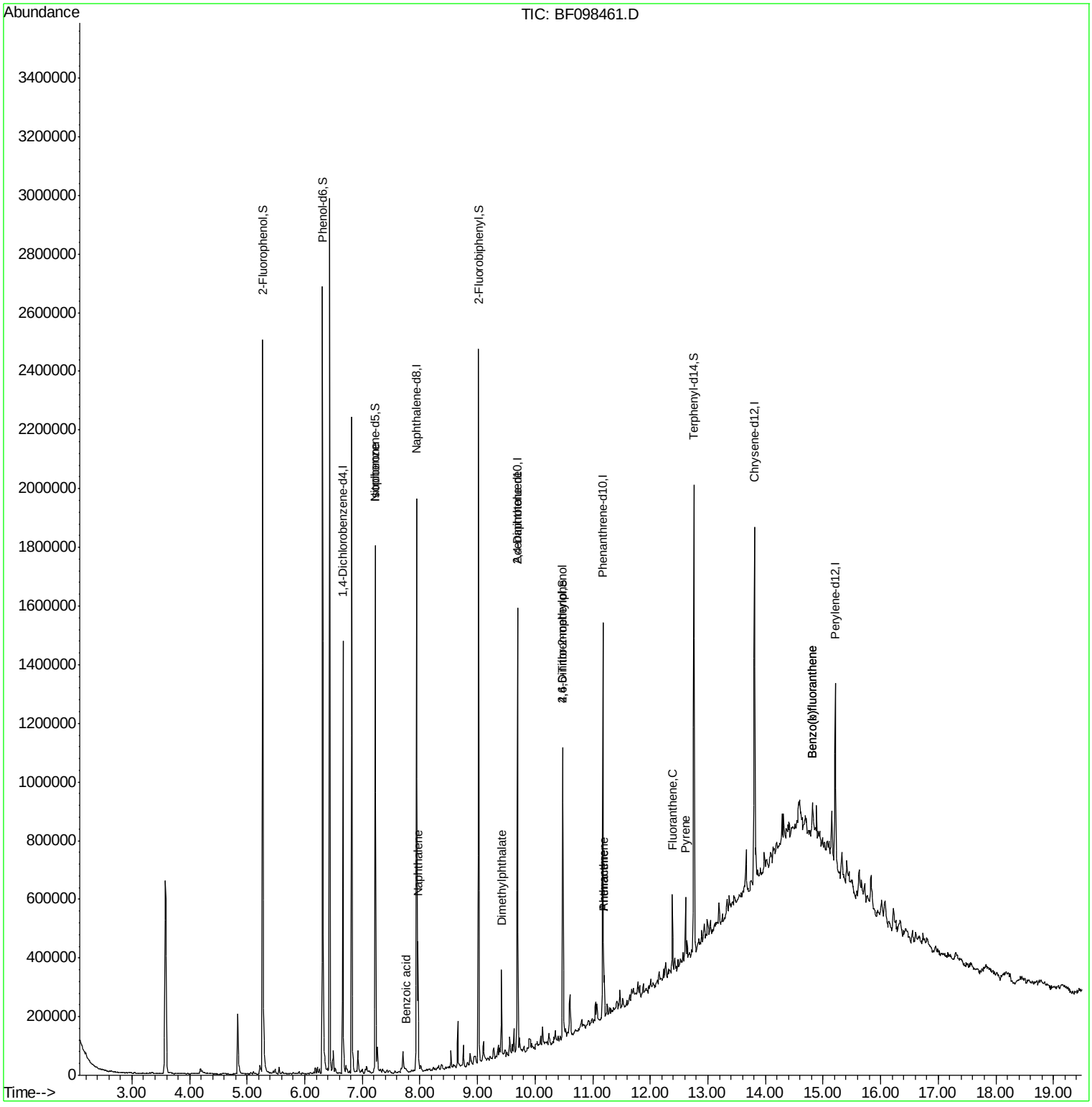
(#) = qualifier out of range (m) = manual integration (+) = signals summed

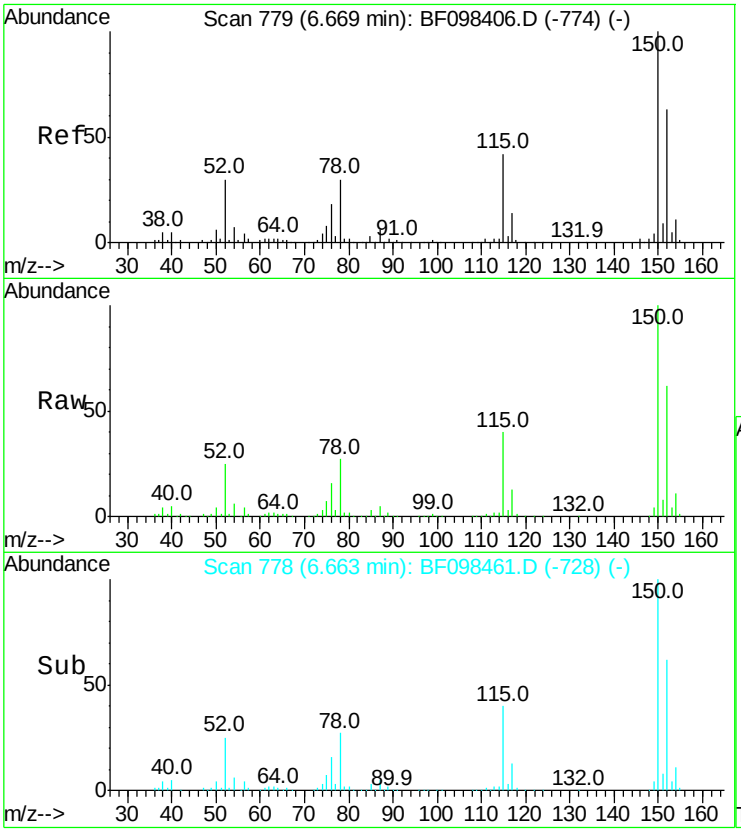
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098461.D
Acq On : 12 Sep 2017 20:19
Operator : SJ/JU
Sample : I5140-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Quant Time: Sep 13 01:00:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



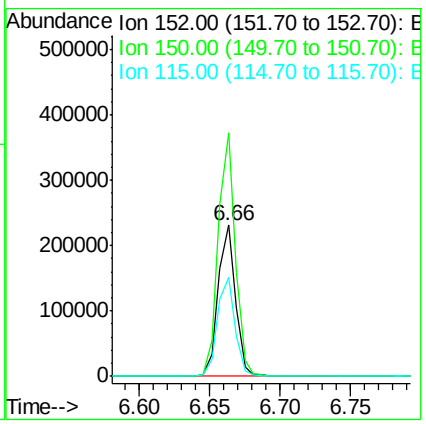


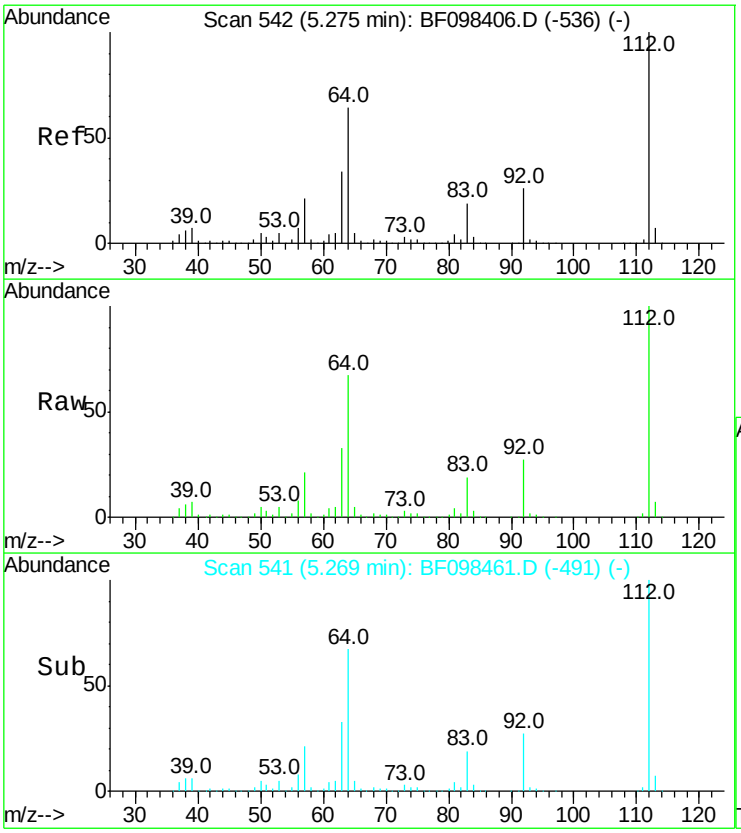
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:152 Resp: 197286

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	65.2	52.2	78.2

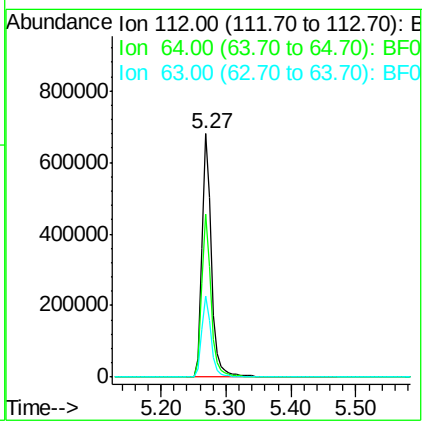


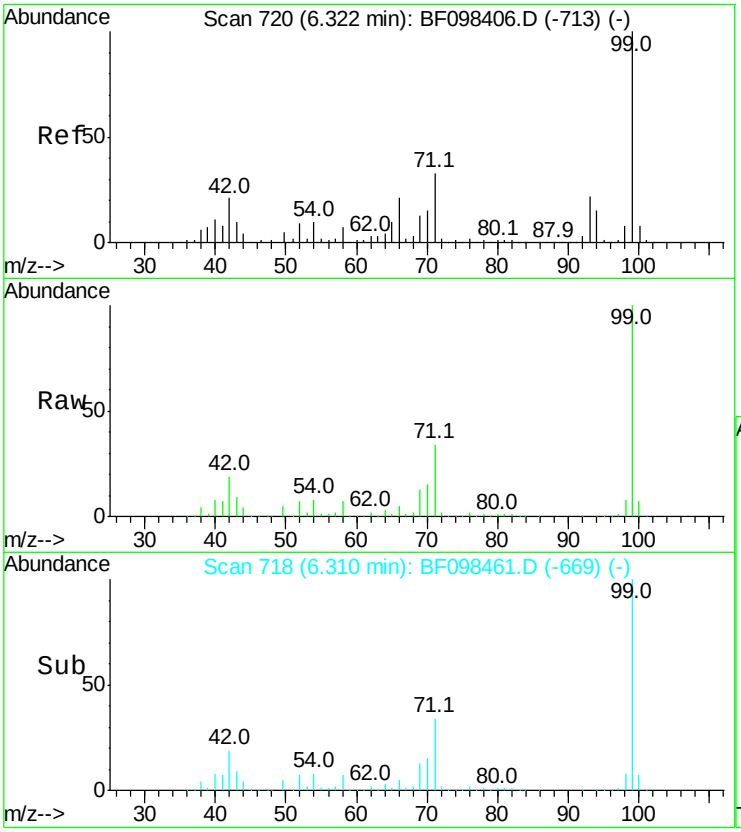


#5
2-Fluorophenol
Concen: 51.712 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:112 Resp: 690013

Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	33.5	23.4	35.0



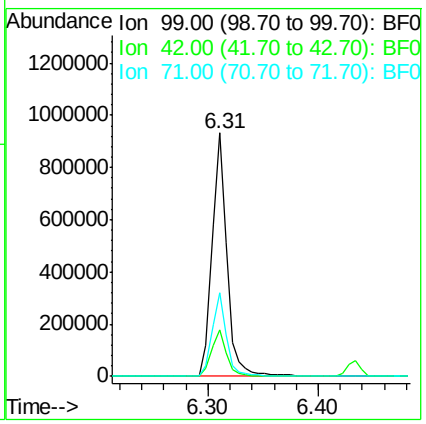


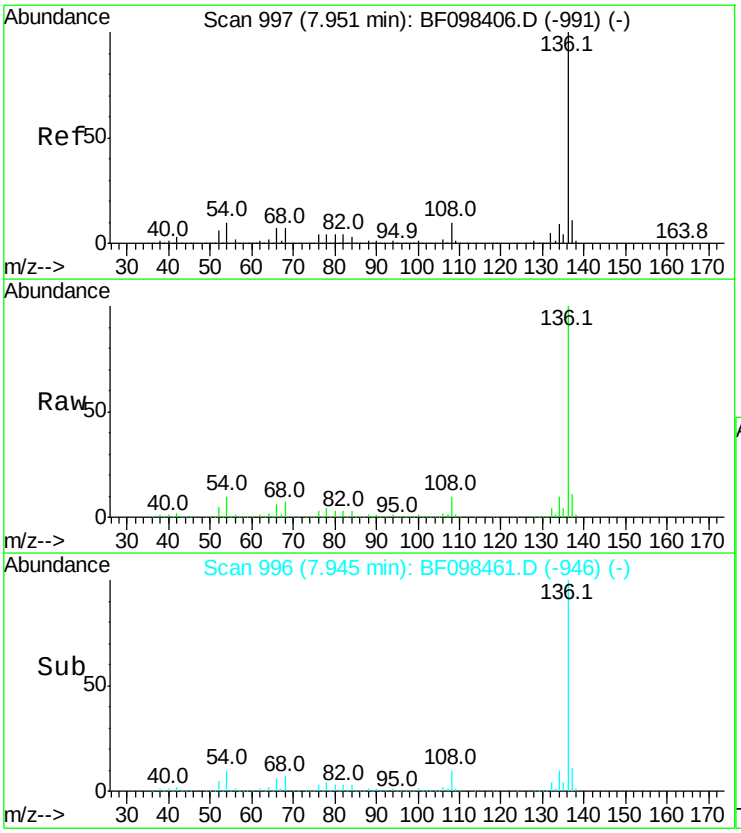
#7
Phenol-d6
Concen: 50.879 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion: 99 Resp: 861972

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	34.1	24.5	36.7

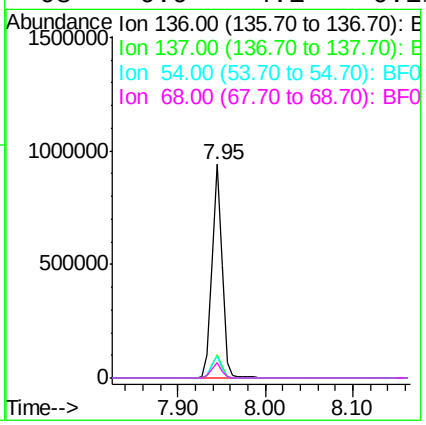


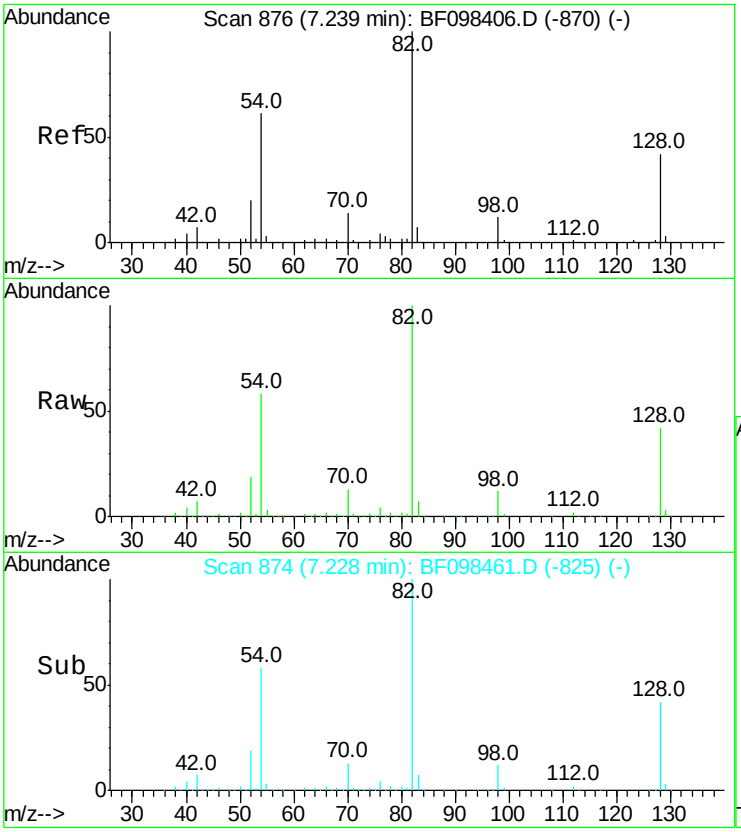


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:136 Resp: 770085

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.0	4.9	7.3#
68	6.9	4.1	6.1#



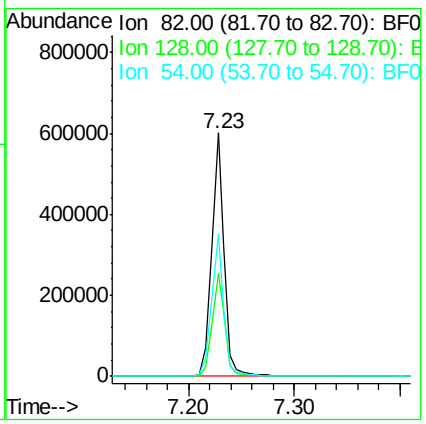


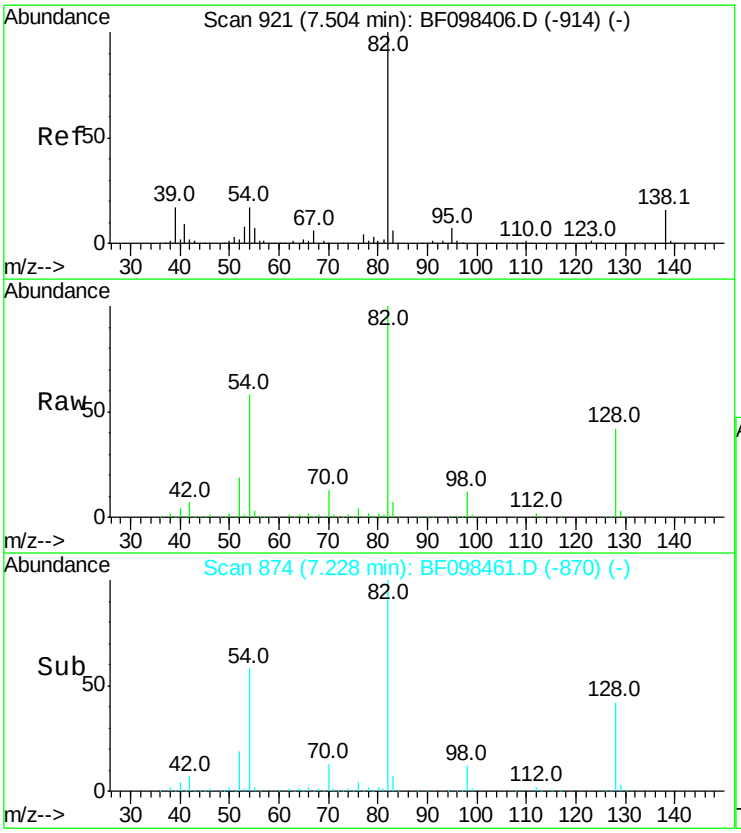
#23
Nitrobenzene-d5
Concen: 36.798 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion: 82 Resp: 508295

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.0	51.0
54	58.3	42.2	63.2

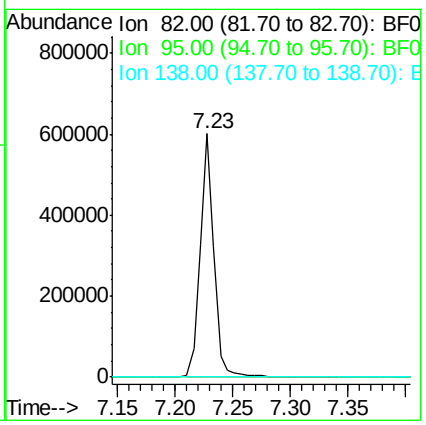


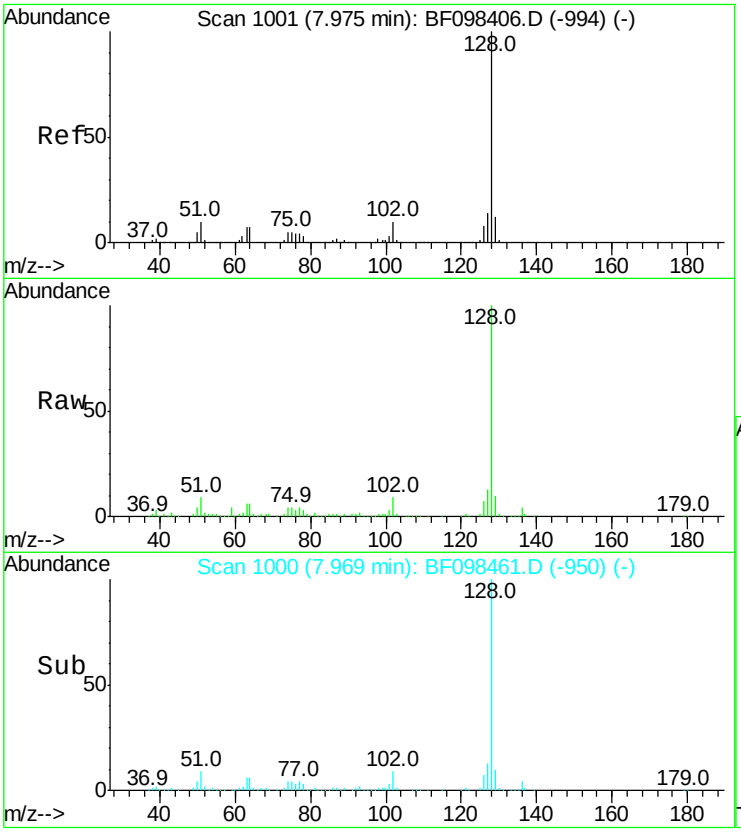


#25
Isophorone
Concen: 17.920 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion: 82 Resp: 500817

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



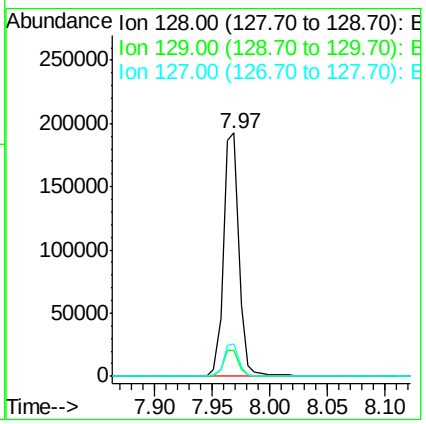


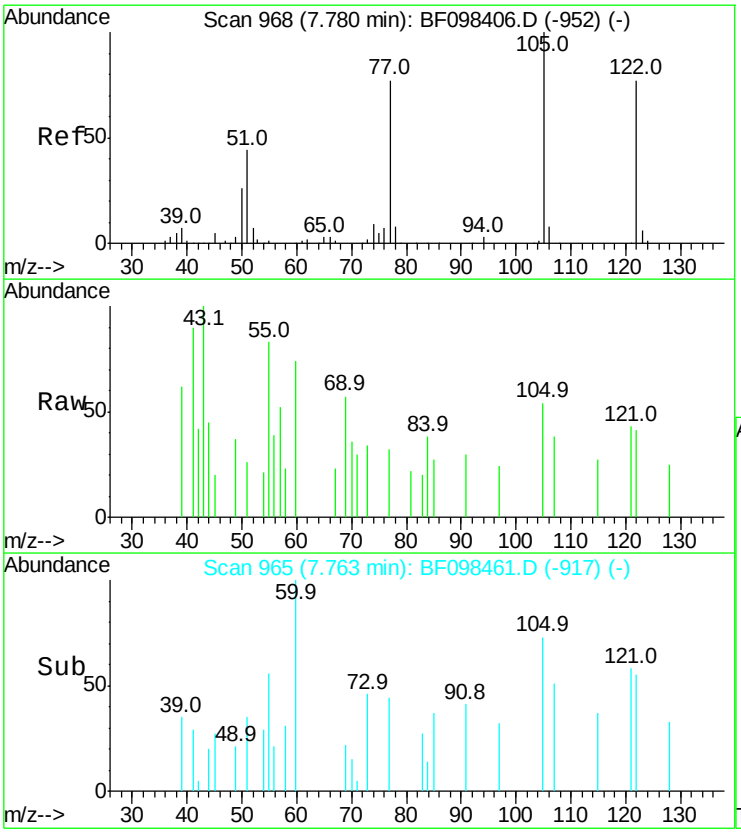
#31
Naphthalene
Concen: 4.705 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:128 Resp: 179125

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	13.5	10.8	16.2

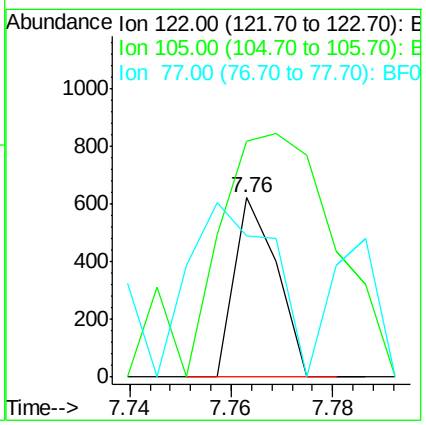


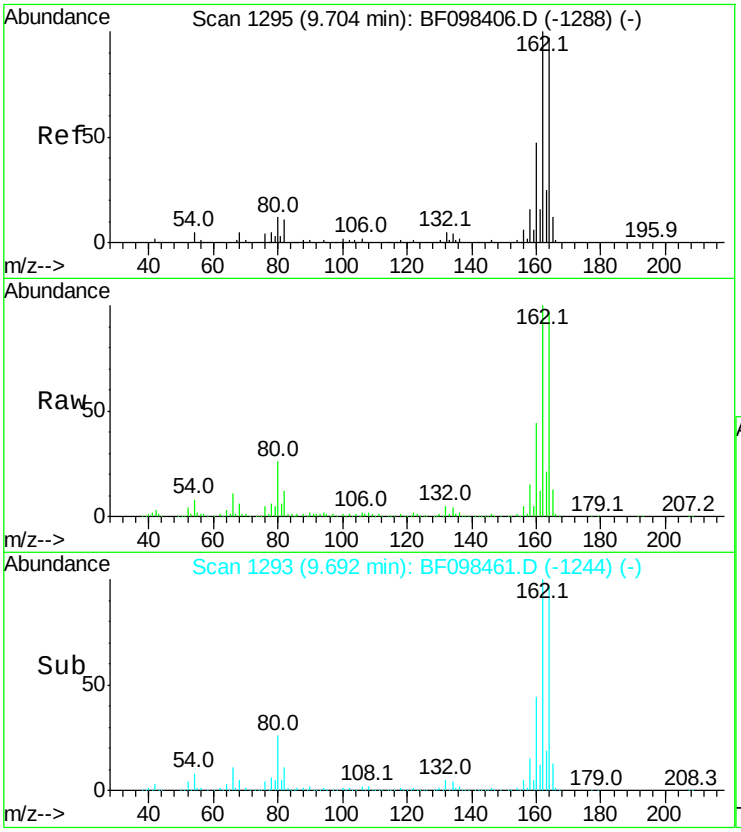


#32
Benzoic acid
Concen: 8.007 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:122 Resp: 361

Ion	Ratio	Lower	Upper
122	100		
105	131.8	103.3	143.3
77	79.1	73.7	113.7



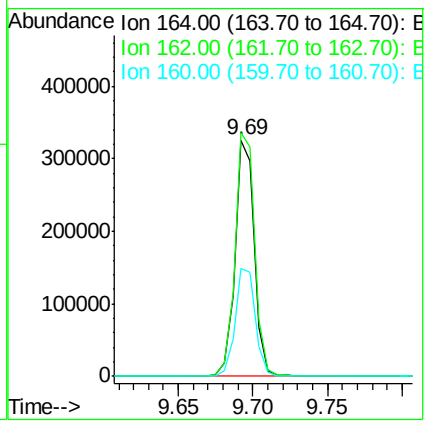


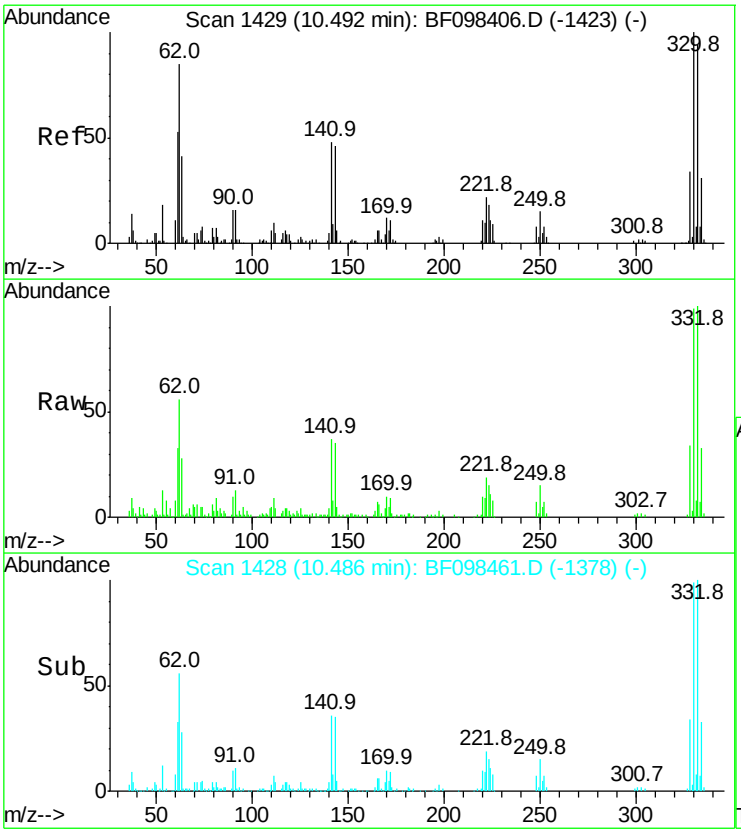
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:164 Resp: 296347

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.5	36.2	54.2

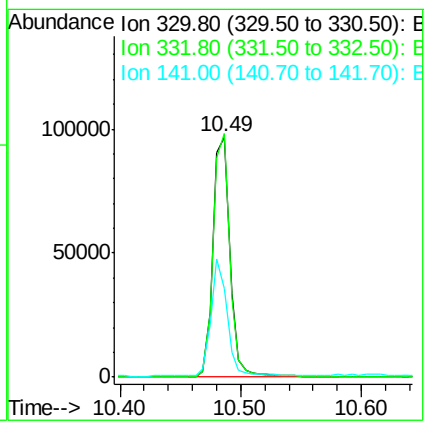


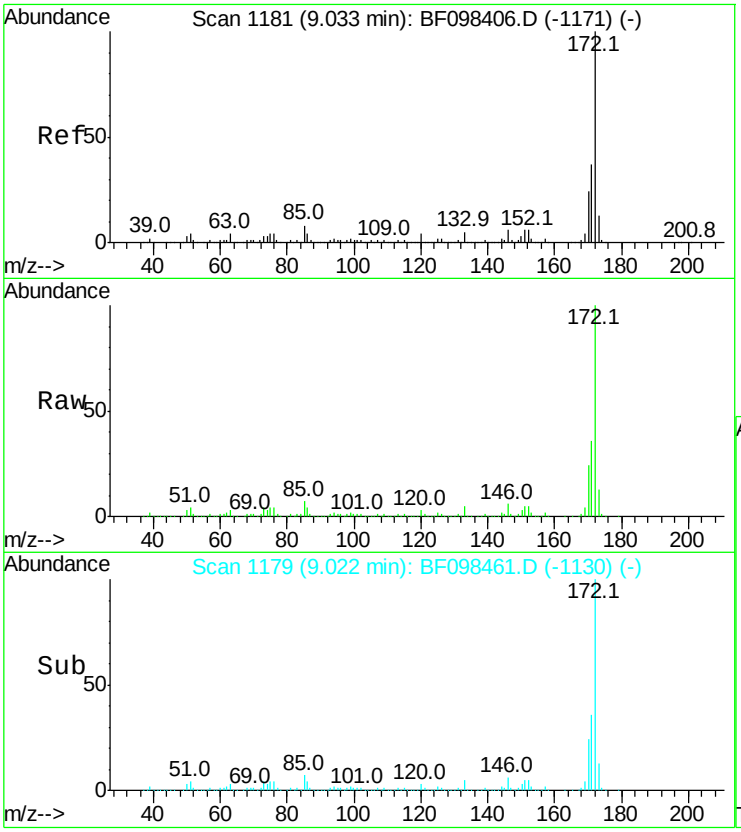


#41
2,4,6-Tribromophenol
Concen: 47.606 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:330 Resp: 94159

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	46.0	31.4	47.2



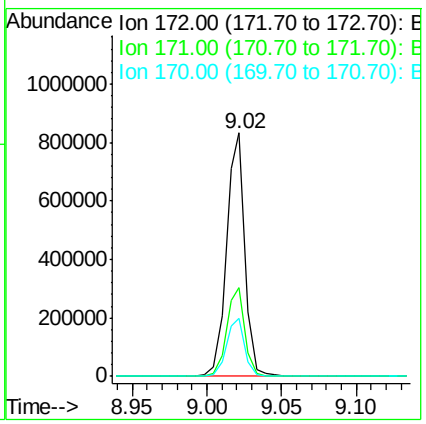


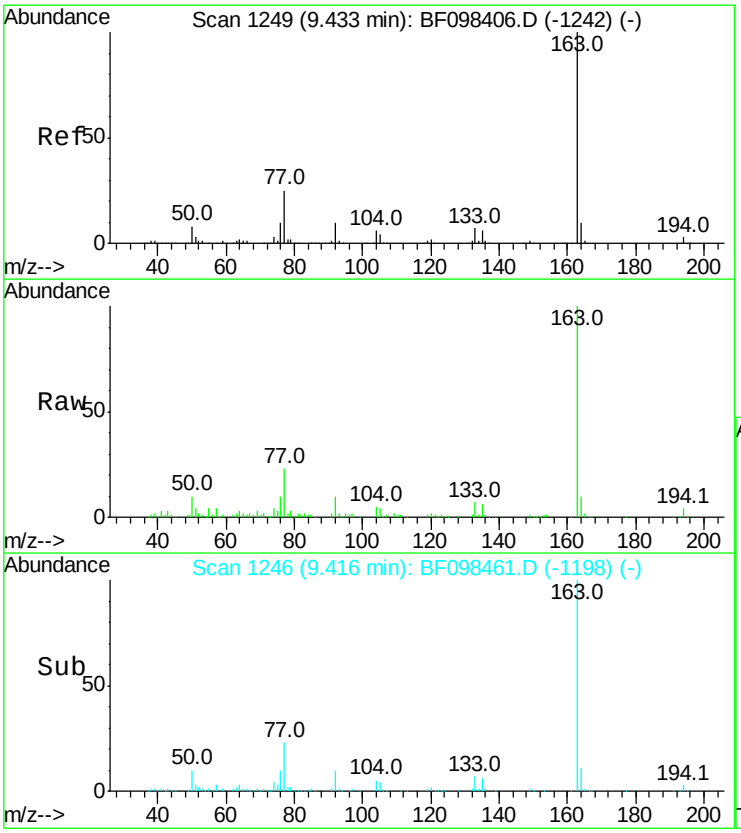
#44
2-Fluorobiphenyl
Concen: 41.586 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument : BNA_F
ClientSampleId : RL-5-0-13.75

Tgt Ion:172 Resp: 727107

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8

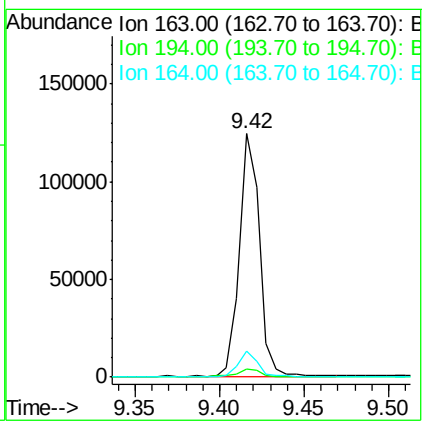


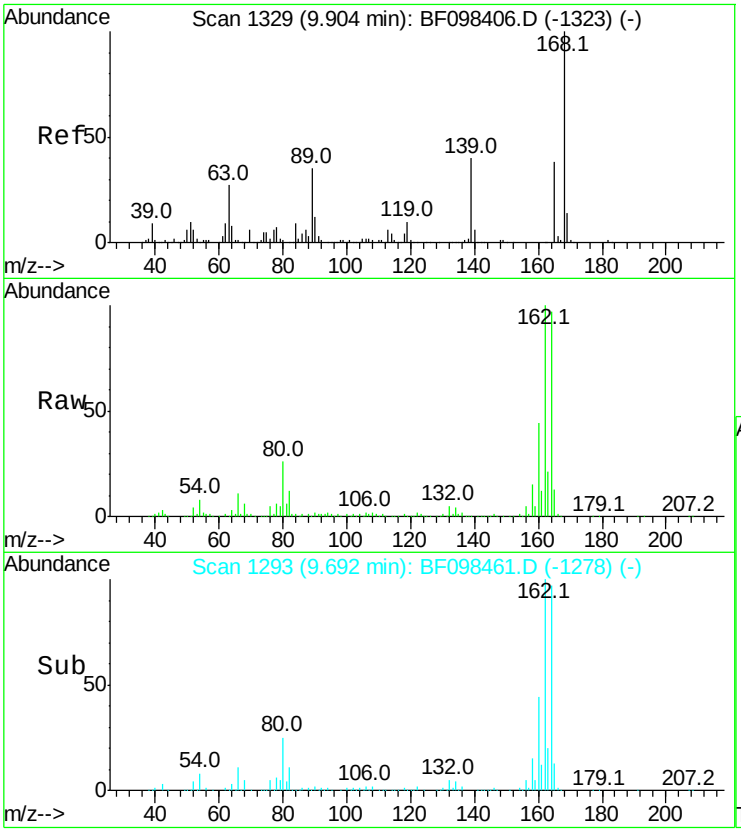


#49
Dimethylphthalate
Concen: 4.473 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:163 Resp: 102618

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.5	8.4	12.6



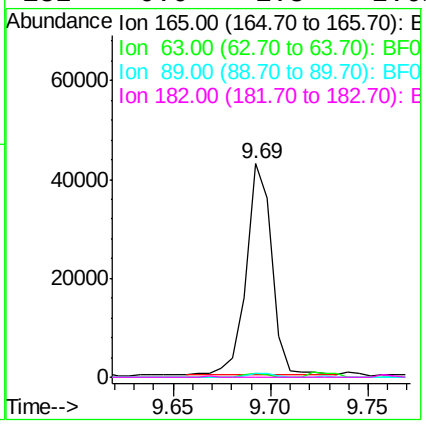


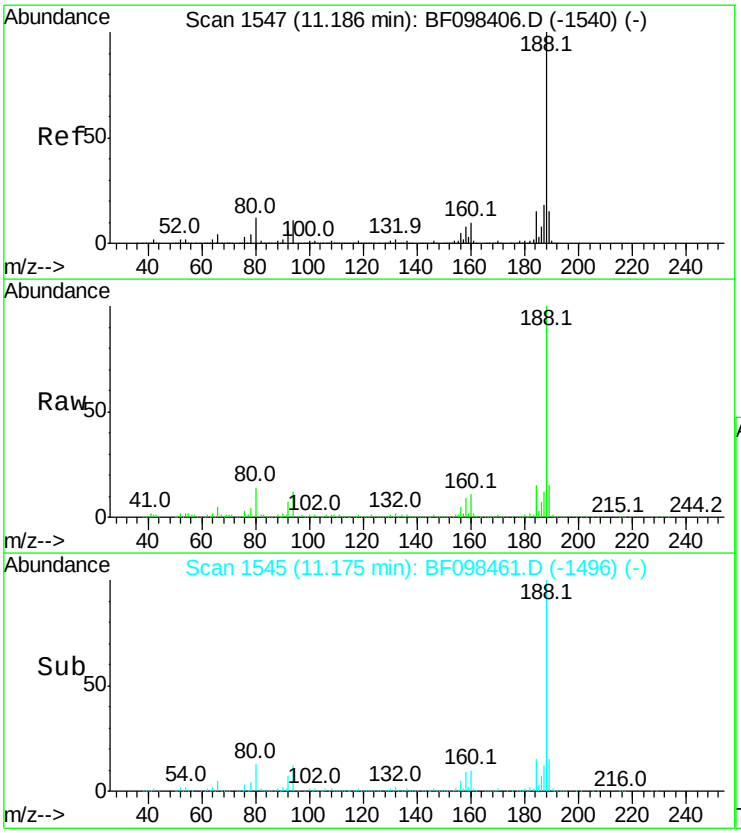
#56
2,4-Dinitrotoluene
Concen: 6.795 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.21 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:165 Resp: 38926

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

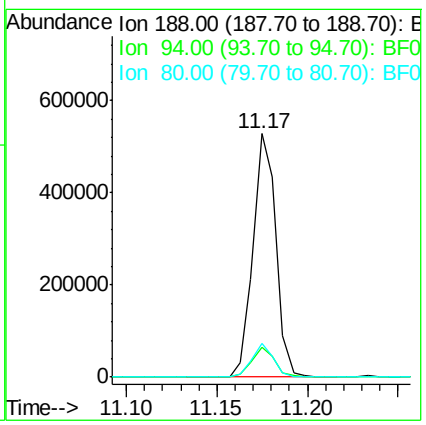


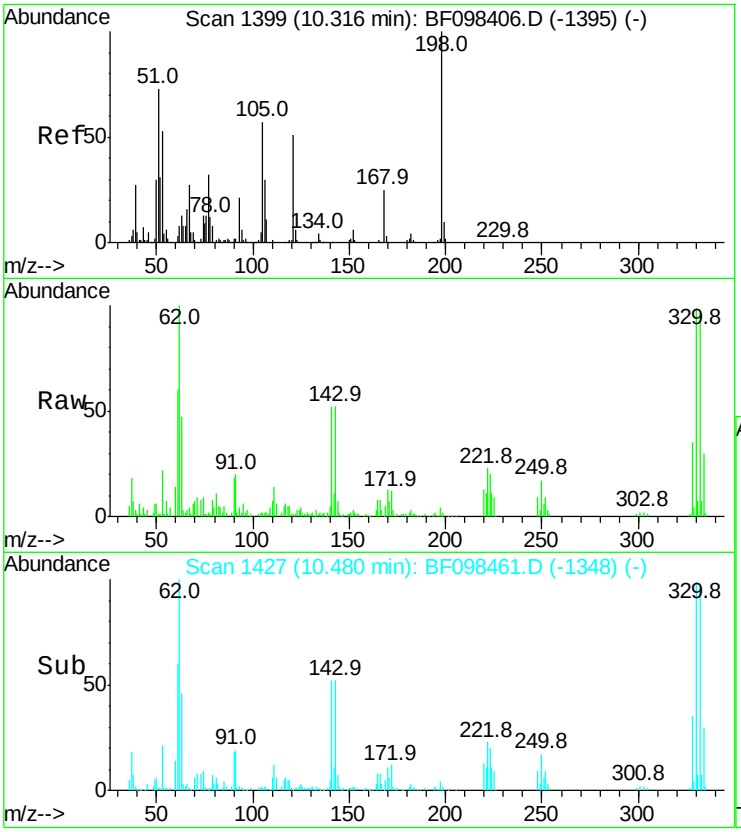


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:188 Resp: 464458

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.6	10.2	15.2



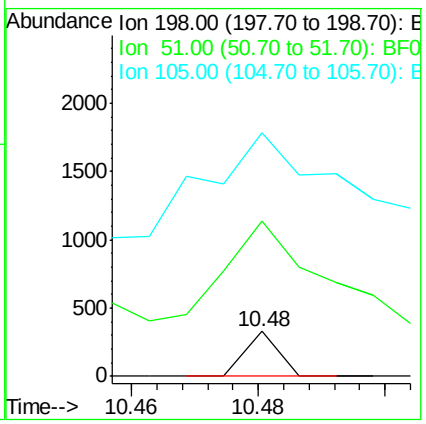


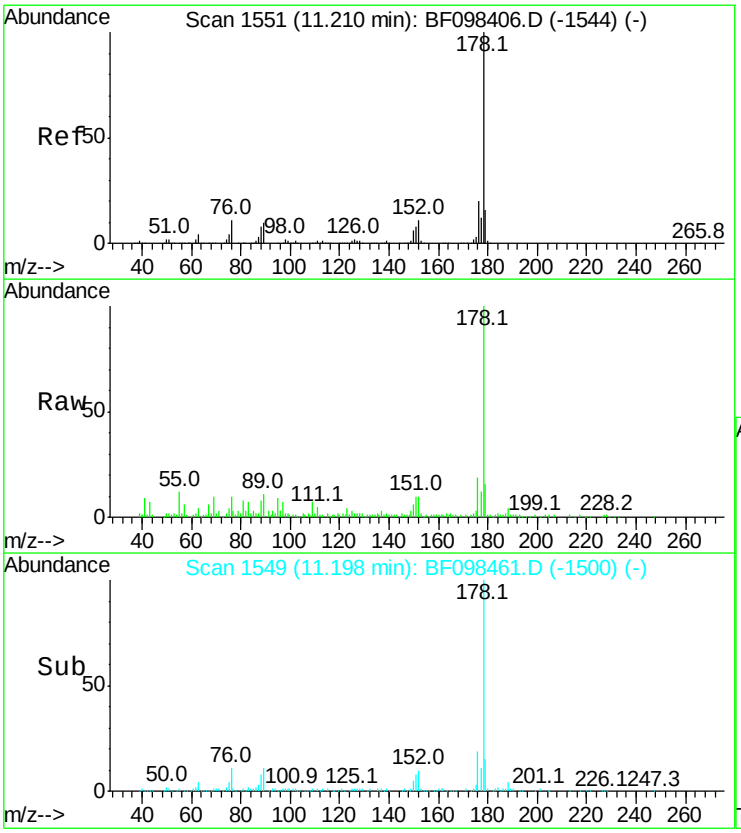
#64
4,6-Dinitro-2-methylphenol
Concen: 5.001 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.17 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:198 Resp: 116

Ion	Ratio	Lower	Upper
198	100		
51	347.3	53.2	93.2#
105	543.9	45.8	85.8#

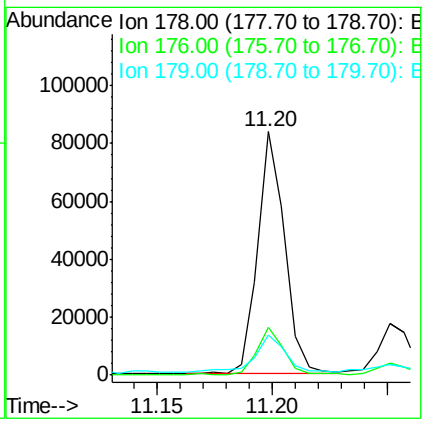


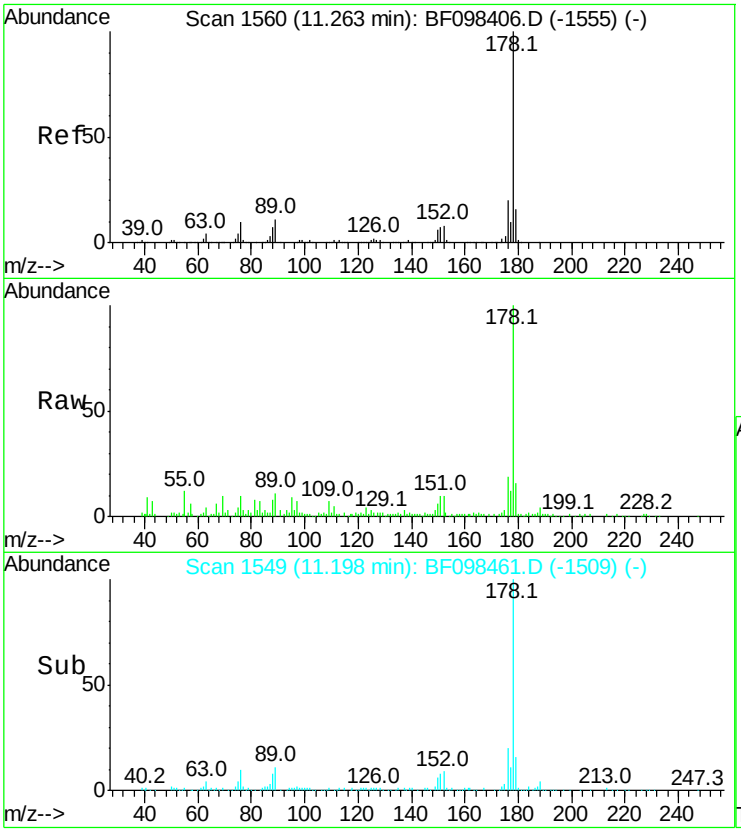


#70
Phenanthrene
Concen: 2.759 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:178 Resp: 67943

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	16.5	12.6	19.0



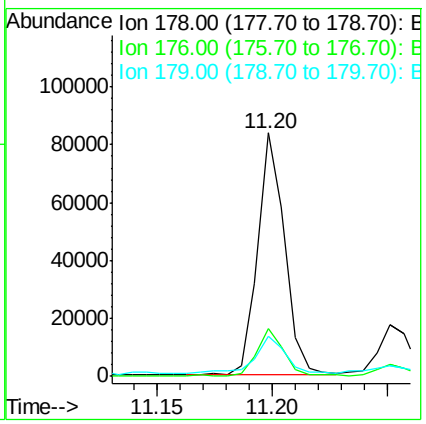


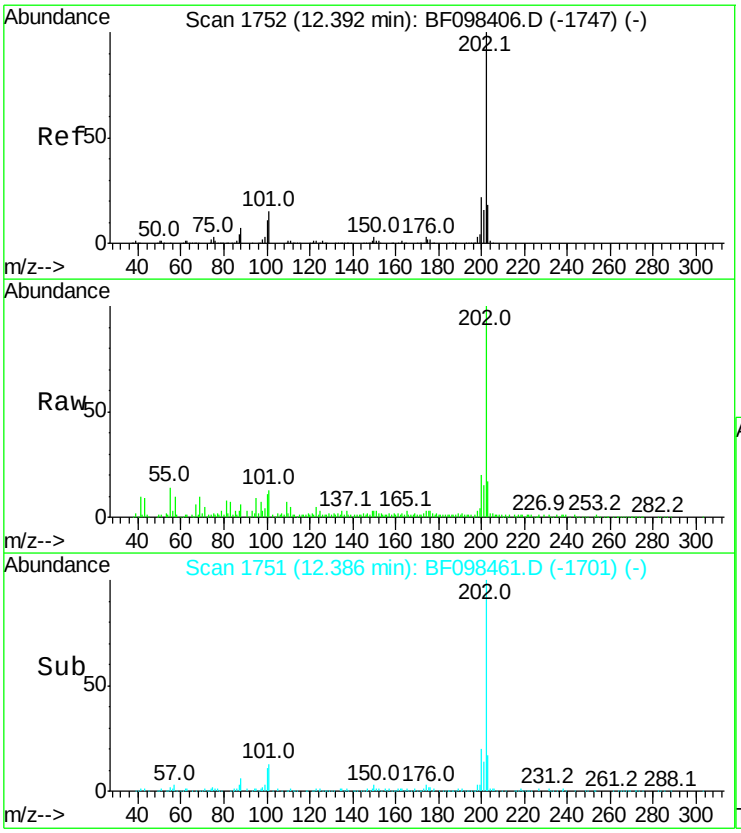
#71
Anthracene
Concen: 2.688 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.06 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:178 Resp: 67943

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.5	12.7	19.1

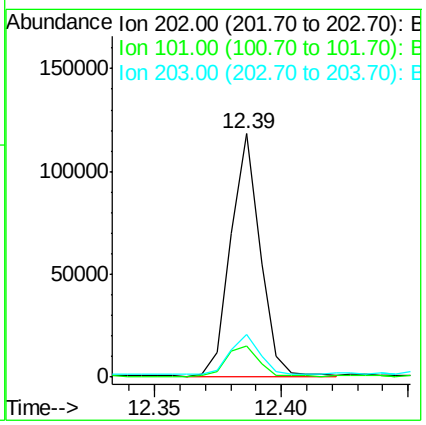


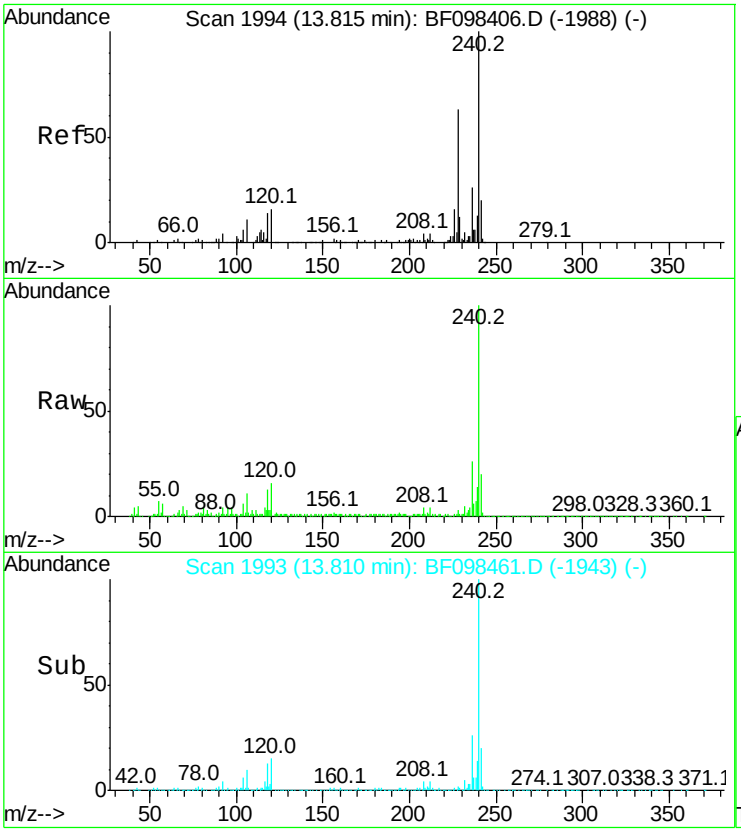


#74
Fluoranthene
Concen: 3.837 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:202 Resp: 94584

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.4	0.0	38.1



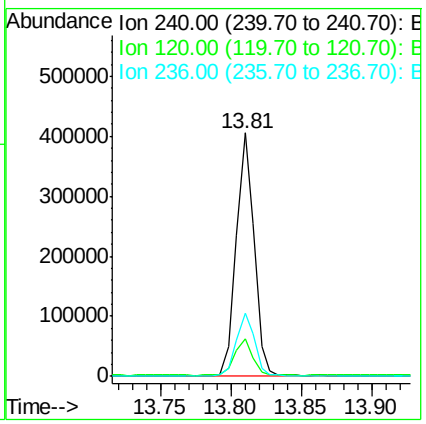


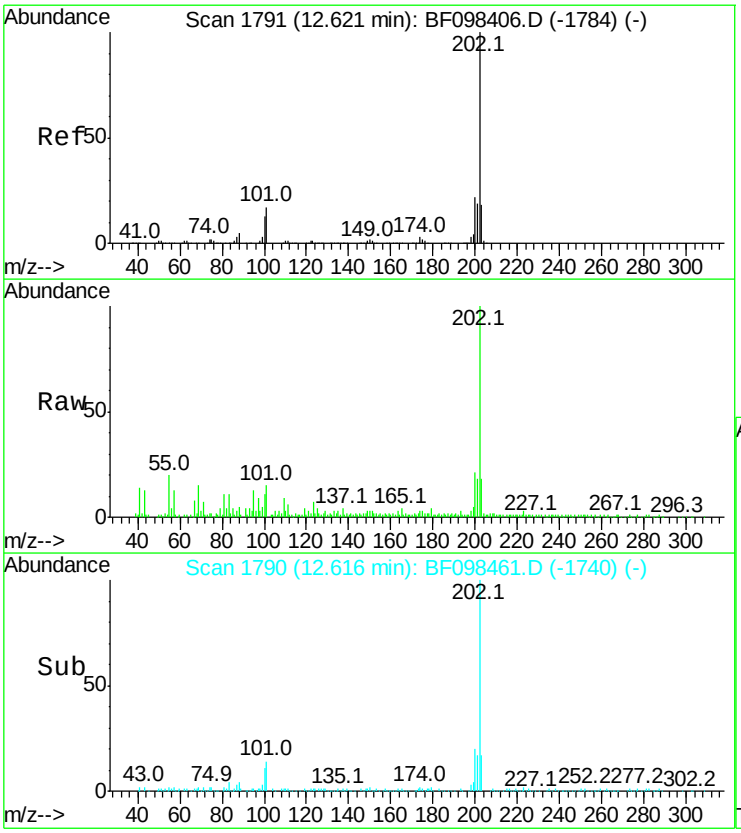
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:240 Resp: 358085

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.9	20.5	30.7

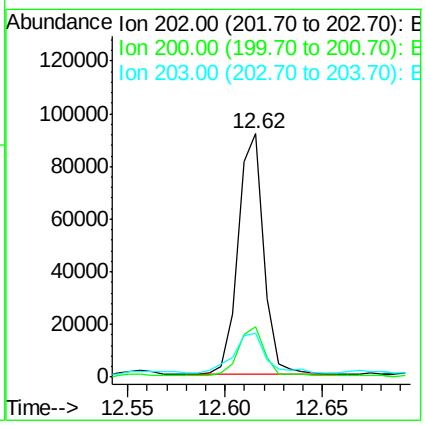


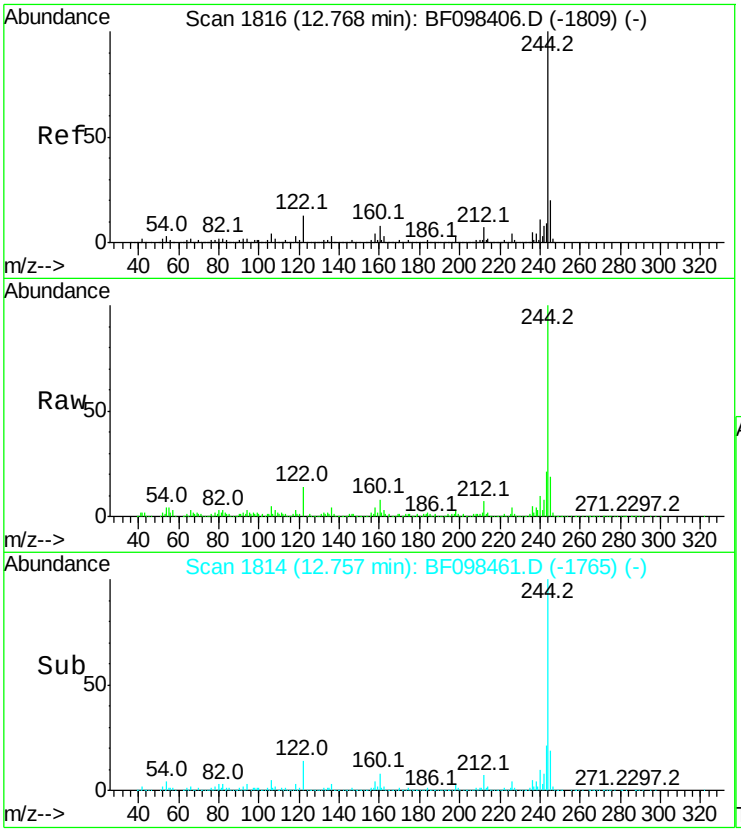


#77
Pyrene
Concen: 2.963 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:202 Resp: 83706

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.2	14.4	21.6



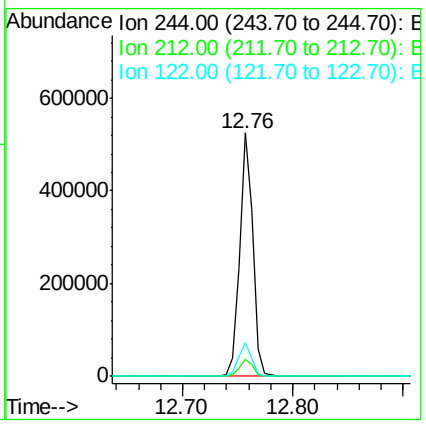


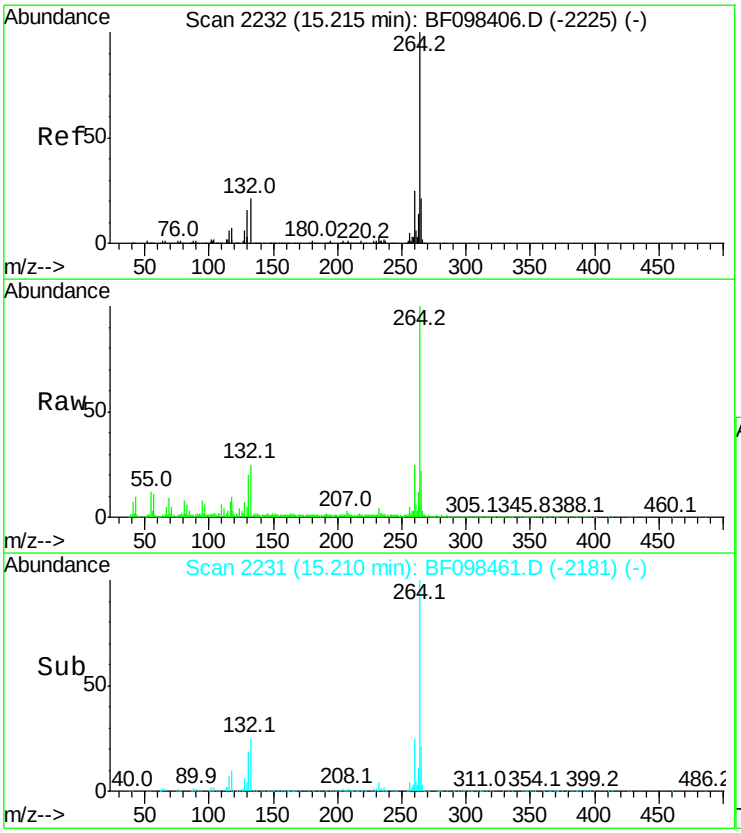
#78
Terphenyl-d14
Concen: 26.305 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:244 Resp: 436392

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	10.3	15.5

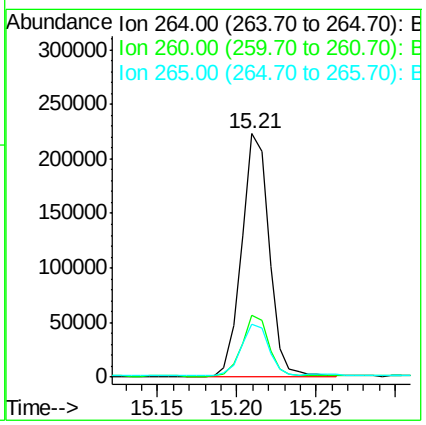


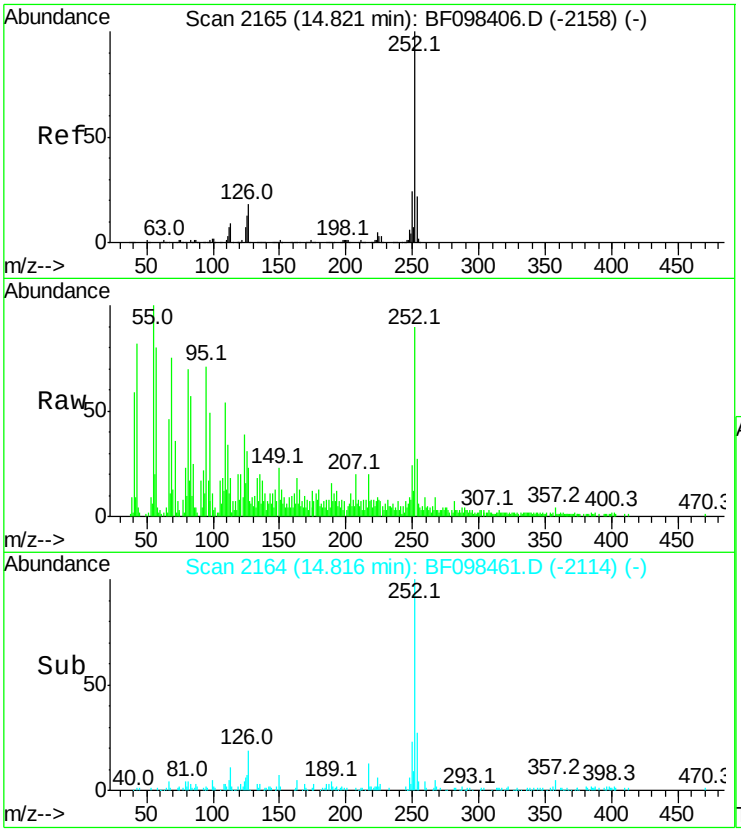


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:264 Resp: 266597

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	21.7	17.2	25.8



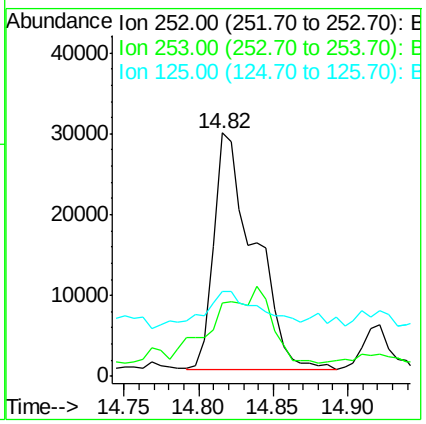


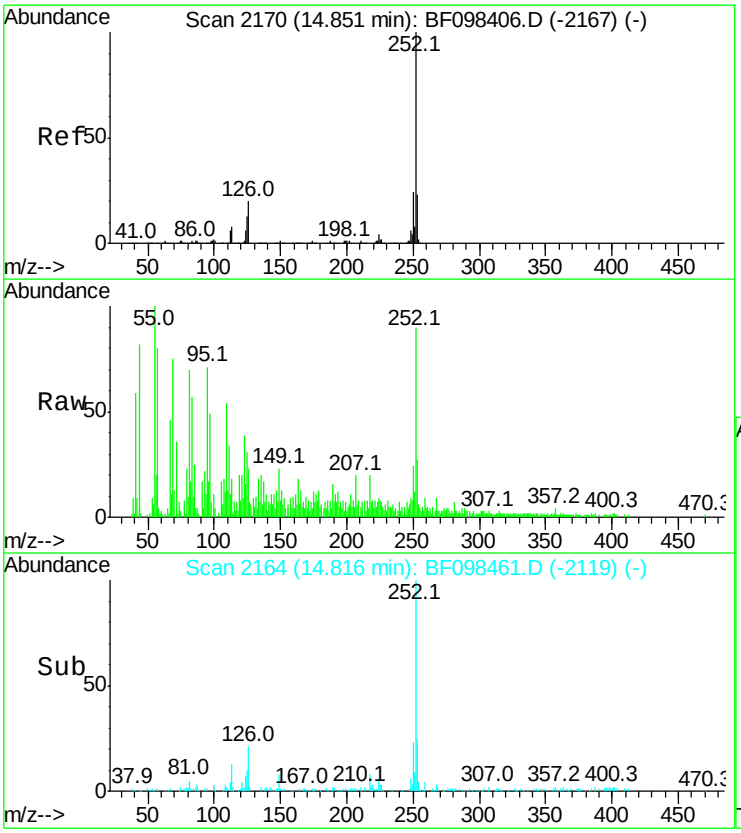
#87
Benzo(b)fluoranthene
Concen: 3.289 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75

Tgt Ion:252 Resp: 55141

Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.1	27.1#
125	34.6	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.524 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF098461.D
Acq: 12 Sep 2017 20:19

Tgt Ion:252 Resp: 55141

Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.4	27.6#
125	34.6	13.1	19.7#