Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

Quantitation Report (Not Reviewed)

Data File : BF100693.D
Acq On : 18 Nov 2017 00:11
Operator : SJ/JU
Sample : I6419-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-1-E(7-8)

Quant Time: Nov 18 02:46:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	101433	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	405630	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	188871	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	345982	20.00	ng		0.00
75) Chrysene-d12	14.04	240	237376	20.00	ng		0.00
86) Perylene-d12	15.52	264	233802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	586369	92.67	ng		0.01
7) Phenol-d6	6.51	99	728498	93.36	ng		0.00
23) Nitrobenzene-d5	7.45	82	449651	73.29	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	189388	98.40	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	861462	69.45	ng		0.00
78) Terphenyl-d14	12.99	244	671714	65.02	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	12675	2.27	ng		81
10) Phenol	6.52	94	25441	3.11	ng		92
19) n-Nitroso-di-n-propylamine	7.45	70	58408	10.79	ng	#	79
25) Isophorone	7.45	82	449648	34.88	ng	#	64
47) 2-Nitroaniline	9.63	65	322	2.87	ng	#	1
49) Dimethylphthalate	9.63	163	48014	3.33	ng	#	98
50) 2,6-Dinitrotoluene	9.92	165	24457	8.57	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	24457	6.79	ng	#	22
62) Azobenzene	10.63	77	120893	8.89	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.70	198	243	8.68	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11839	3.19	ng	#	1
74) Fluoranthene	12.61	202	50057	2.59	ng		95
77) Pyrene	12.84	202	52359	3.09	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	20138	2.22	ng		100
87) Benzo(b)fluoranthene	15.08	252	29485	2.13	ng		96

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

Quantitation Report (Not Reviewed)

Data File : BF100693.D
Acq On : 18 Nov 2017 00:11
Operator : SJ/JU
Sample : I6419-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Quant Time: Nov 18 02:46:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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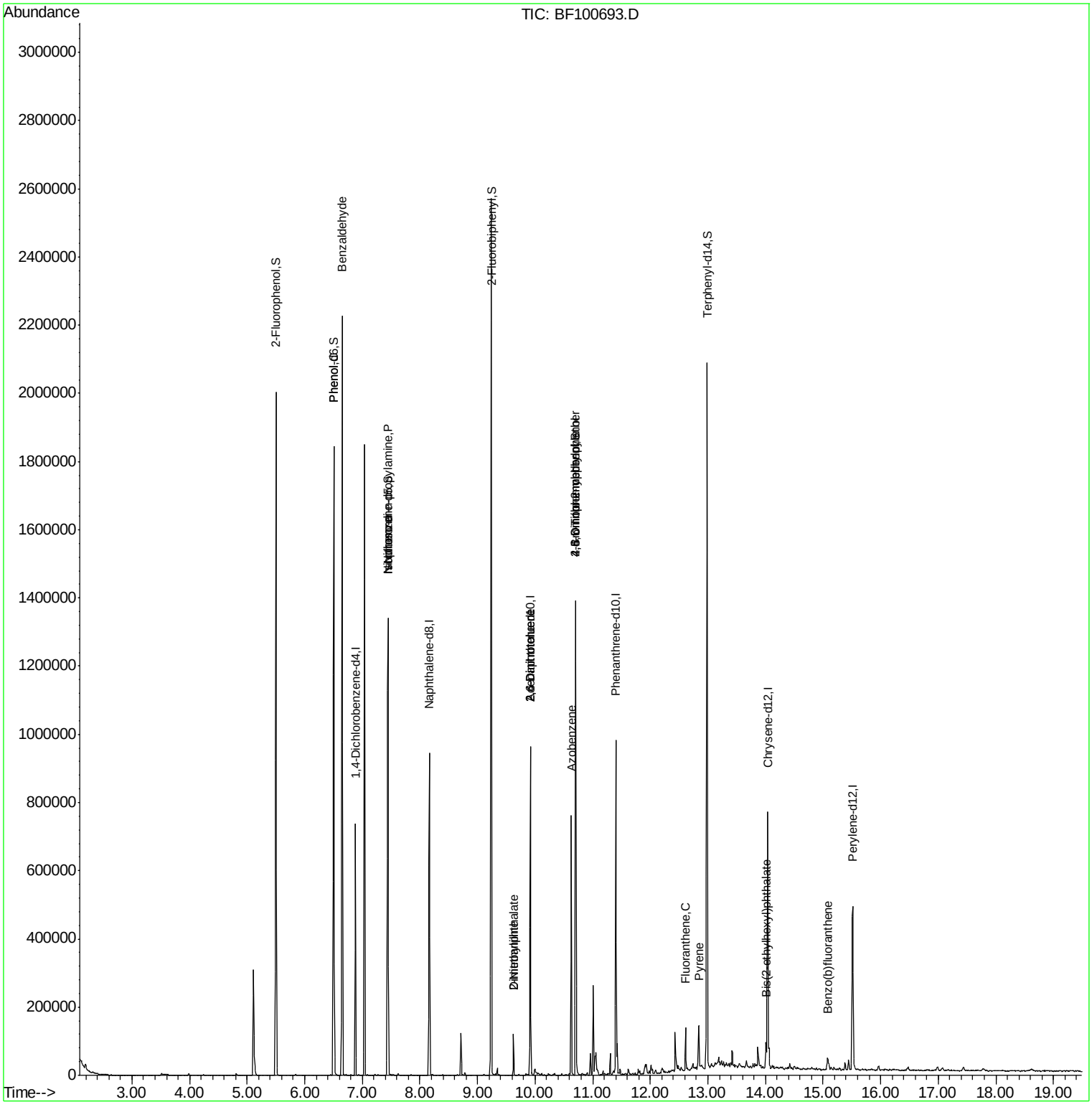
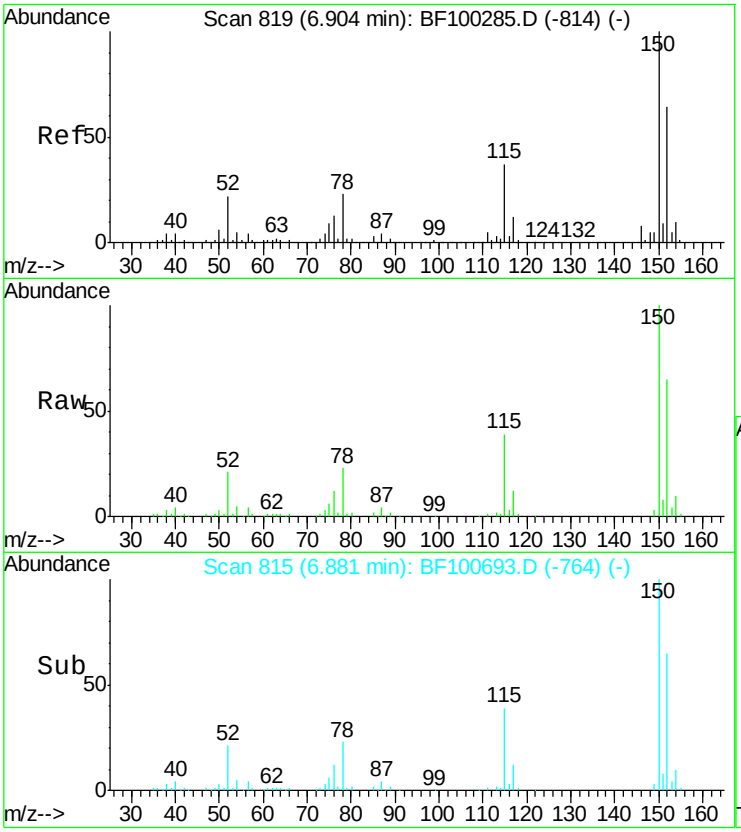
Response via : Initial Calibration



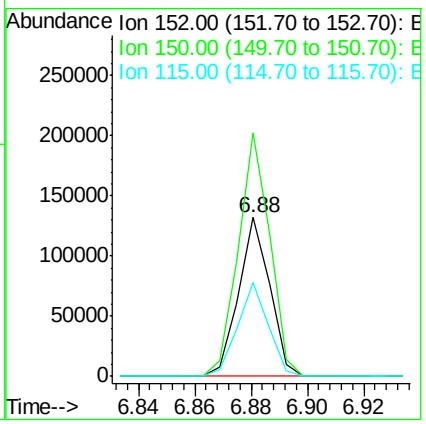


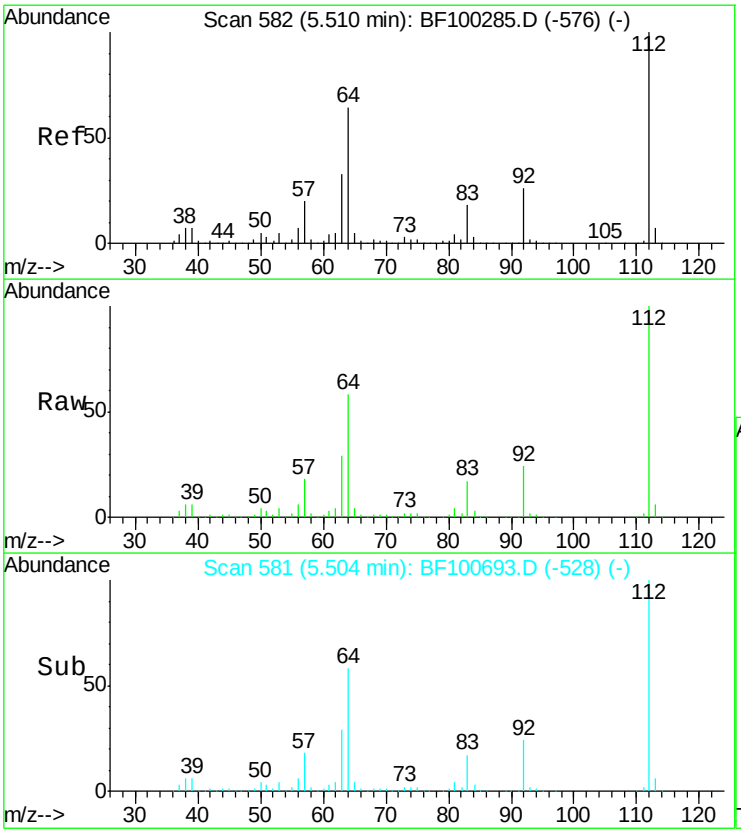
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:152 Resp: 101433

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	59.2	50.1	75.1

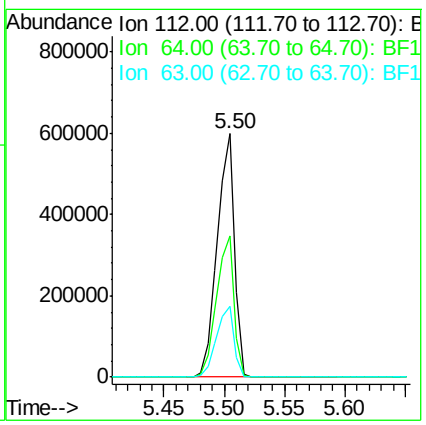


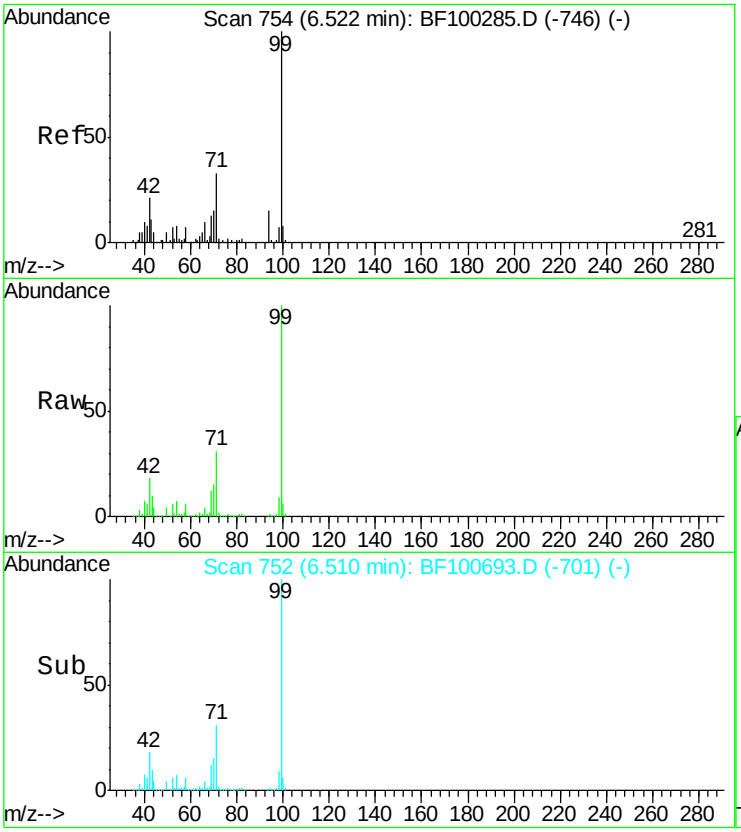


#5
2-Fluorophenol
Concen: 92.67 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:112 Resp: 586369

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	29.1	23.7	35.5



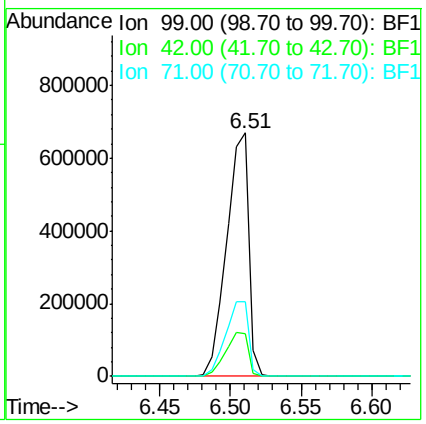


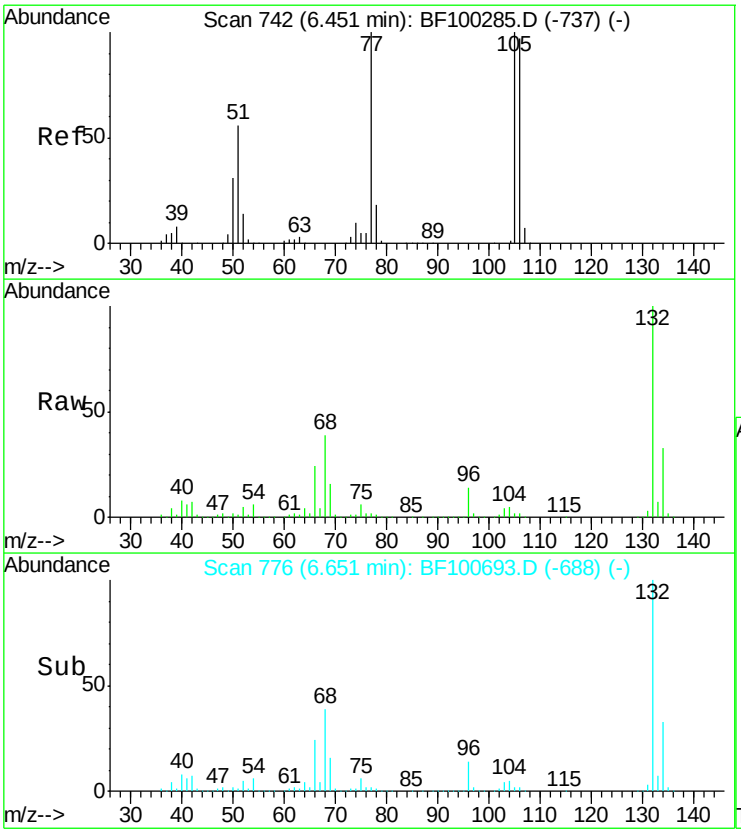
#7
Phenol-d6
Concen: 93.36 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion: 99 Resp: 728498

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	30.7	25.4	38.0

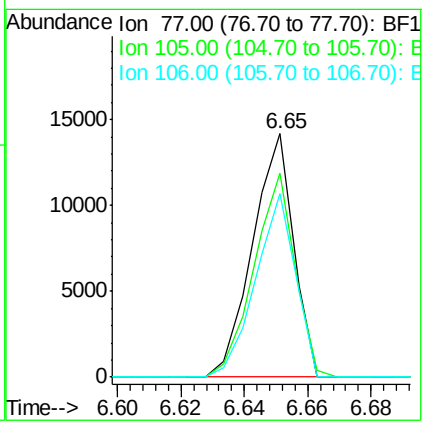


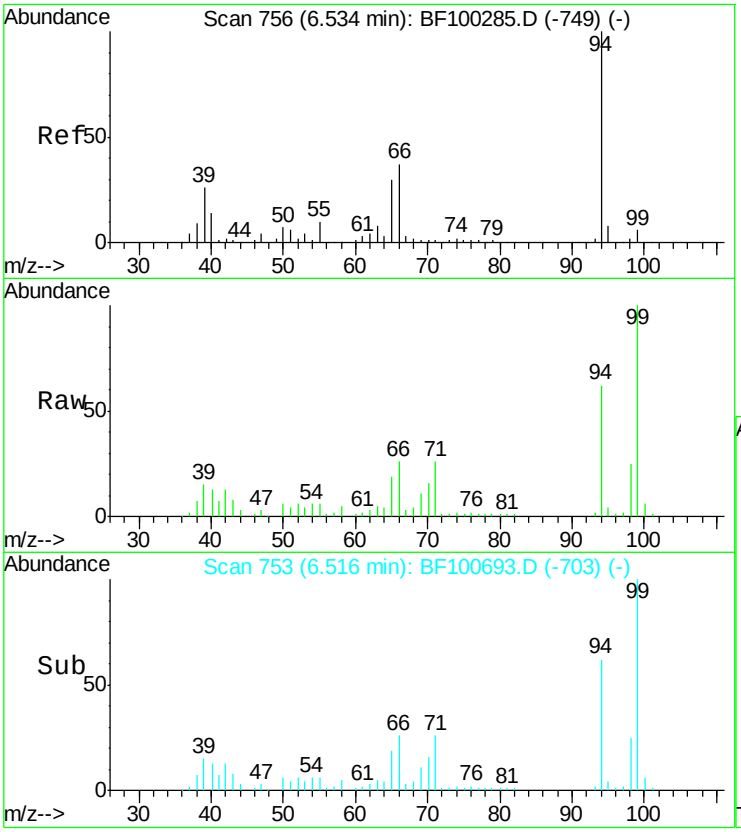


#9
Benzaldehyde
Concen: 2.27 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion: 77 Resp: 12675

Ion	Ratio	Lower	Upper
77	100		
105	83.6	81.1	121.1
106	75.1	74.5	114.5



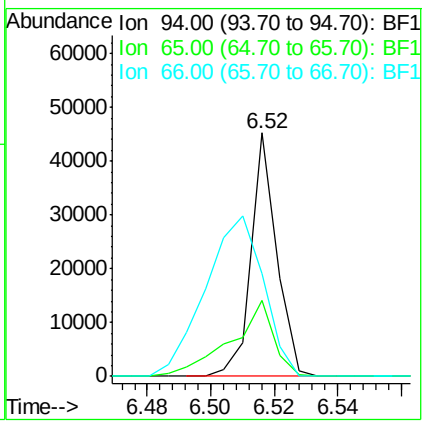


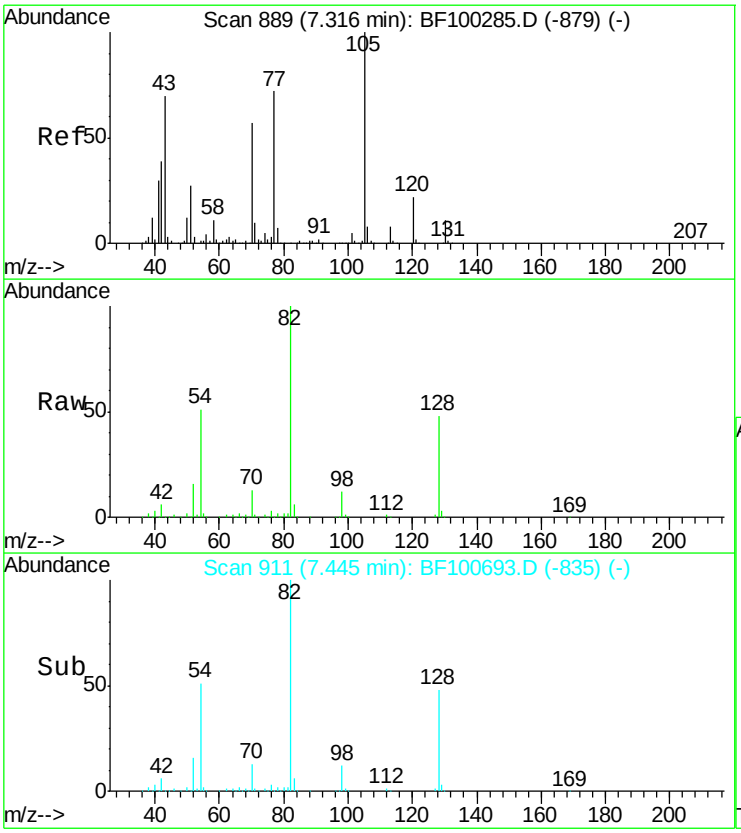
#10
Phenol
Concen: 3.11 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion: 94 Resp: 25441

Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	42.0	16.2	56.2

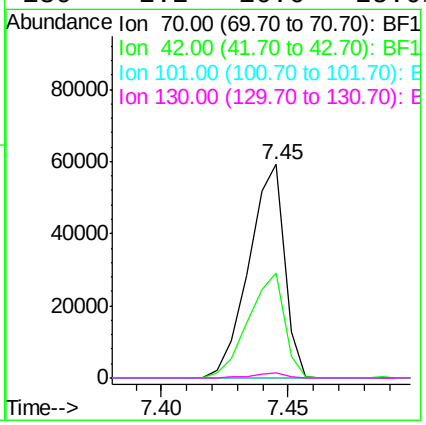


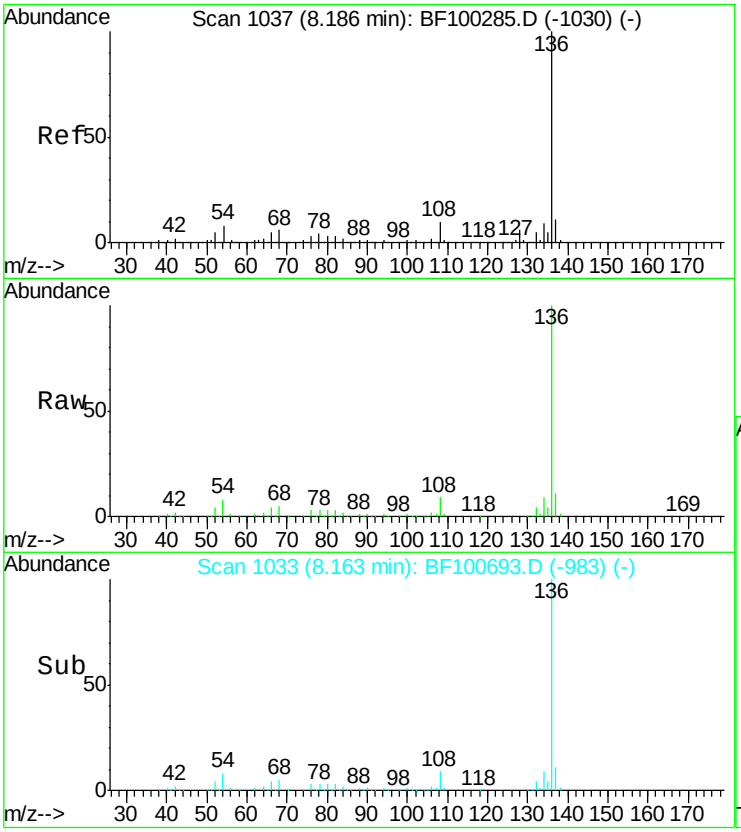


#19
n-Nitroso-di-n-propylamine
Concen: 10.79 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion: 70 Resp: 58408

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



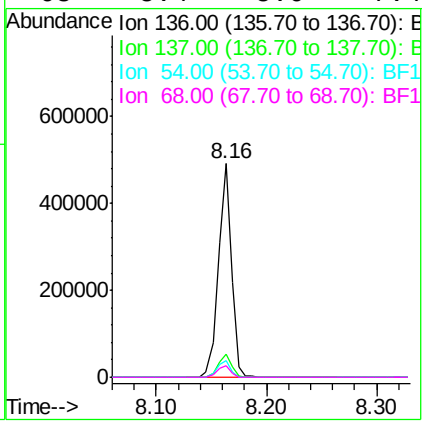


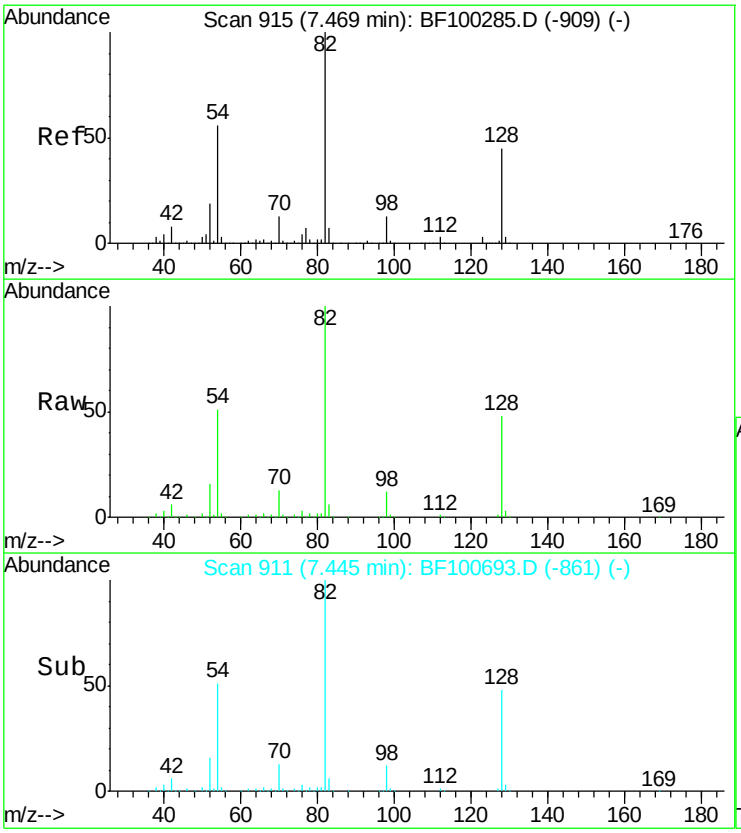
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:136 Resp: 405630

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.4	5.0	7.4

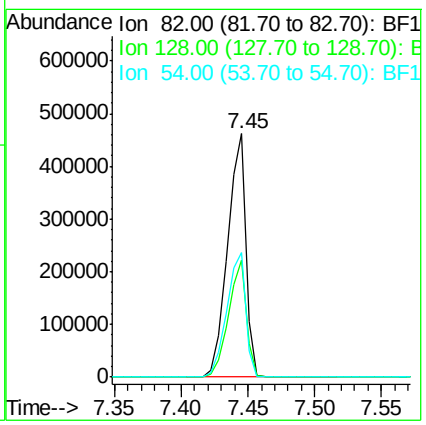


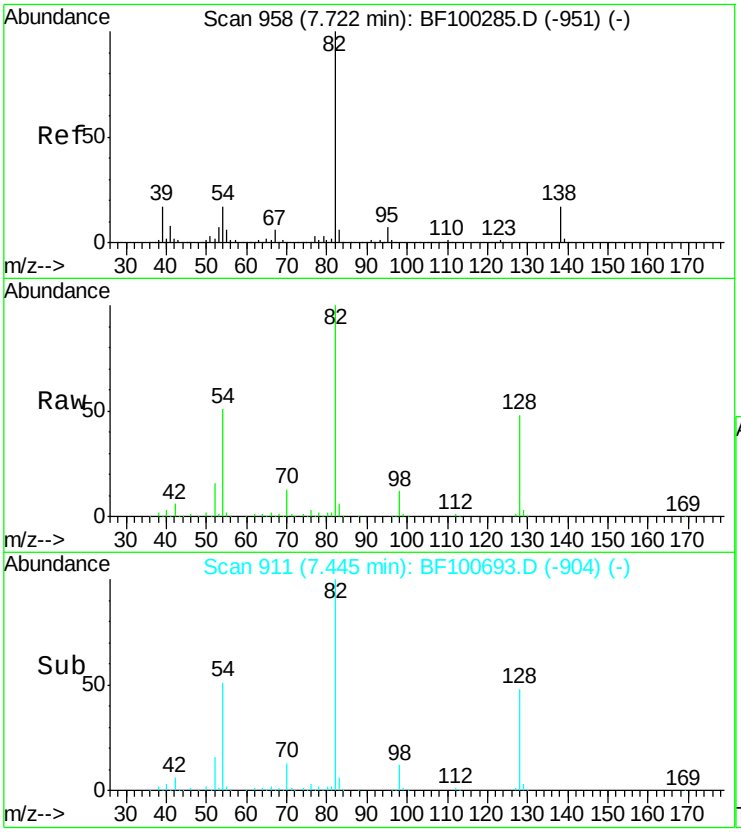


#23
Nitrobenzene-d5
Concen: 73.29 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion: 82 Resp: 449651

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	51.2	41.4	62.2



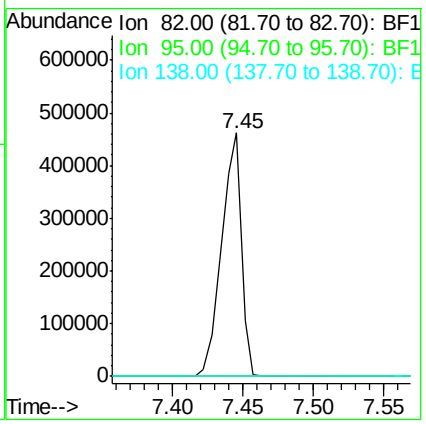


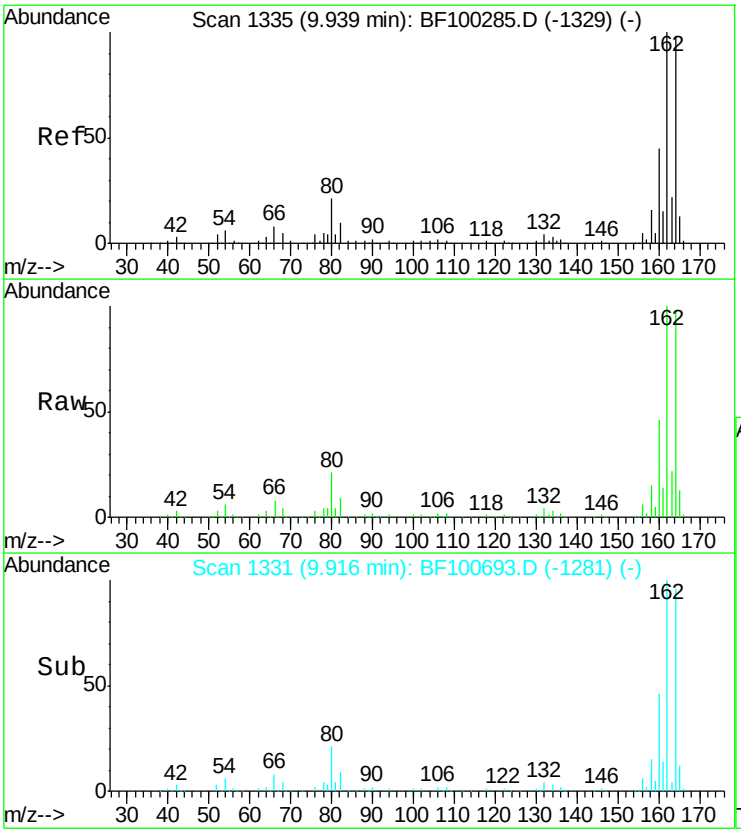
#25
Isophorone
Concen: 34.88 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion: 82 Resp: 449648

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

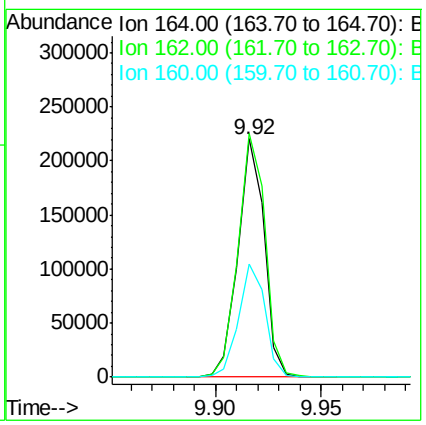


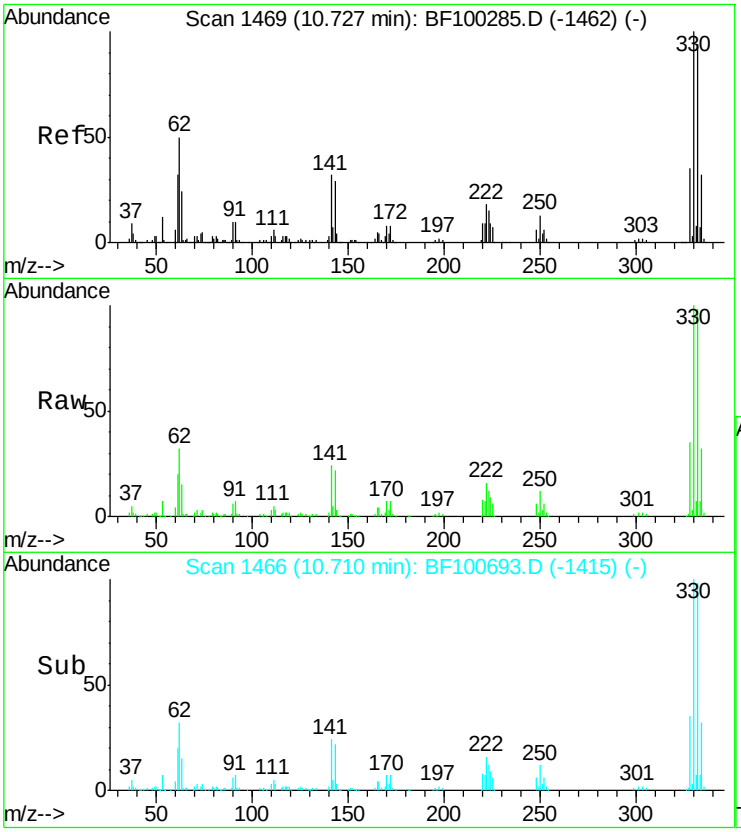


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:164 Resp: 188871

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.3	38.3	57.5



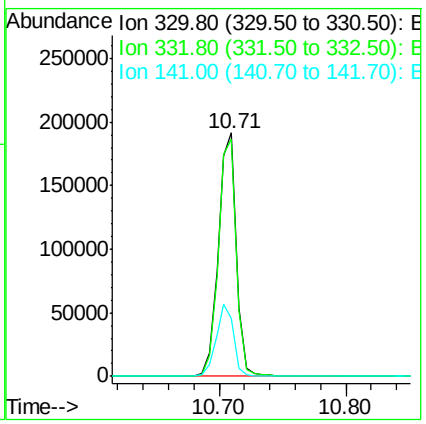


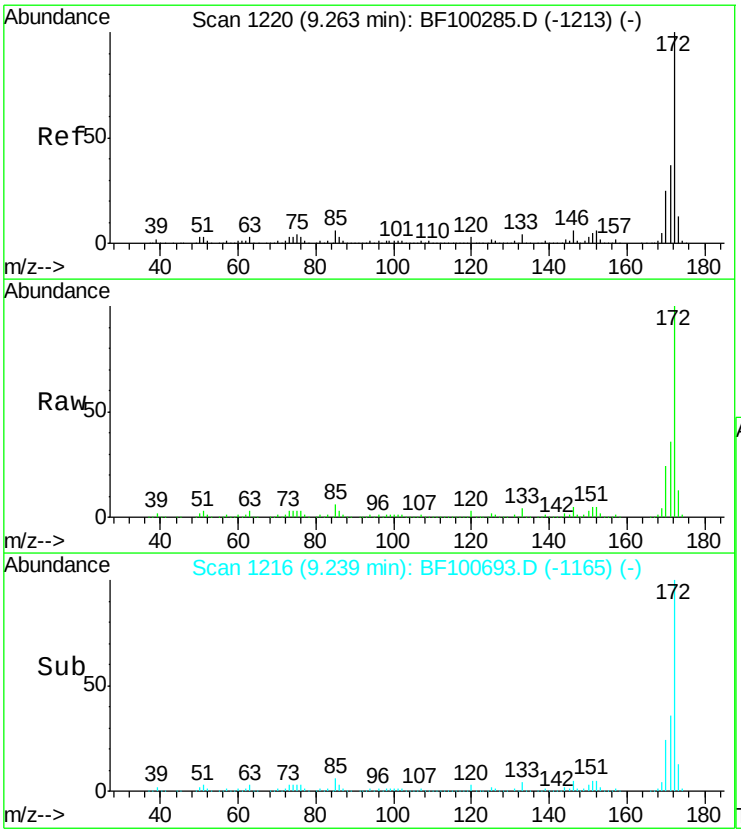
#41
2,4,6-Tribromophenol
Concen: 98.40 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:330 Resp: 189388

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	29.0	29.9	44.9#

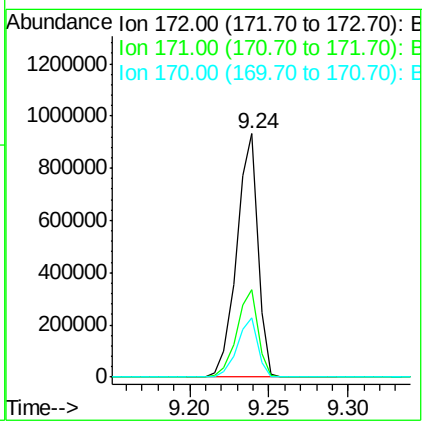


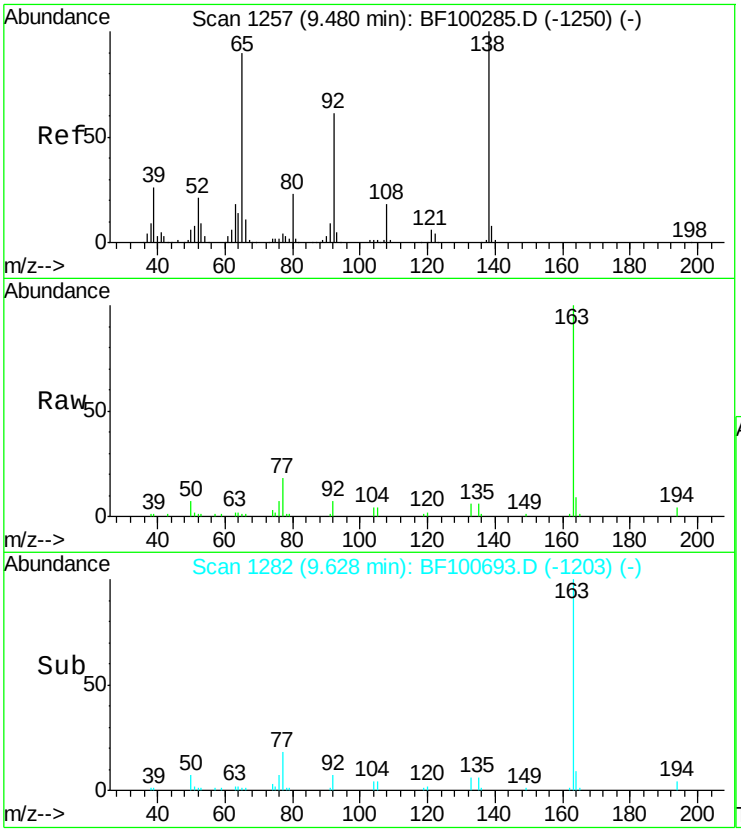


#44
2-Fluorobiphenyl
Concen: 69.45 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:172 Resp: 861462

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4



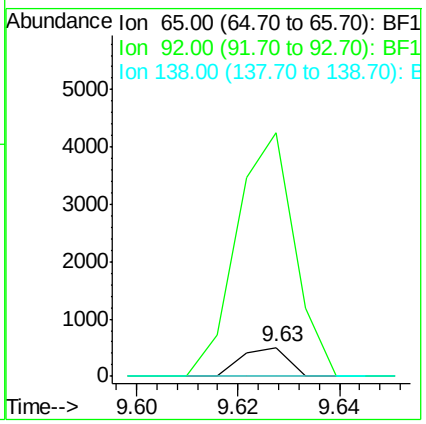


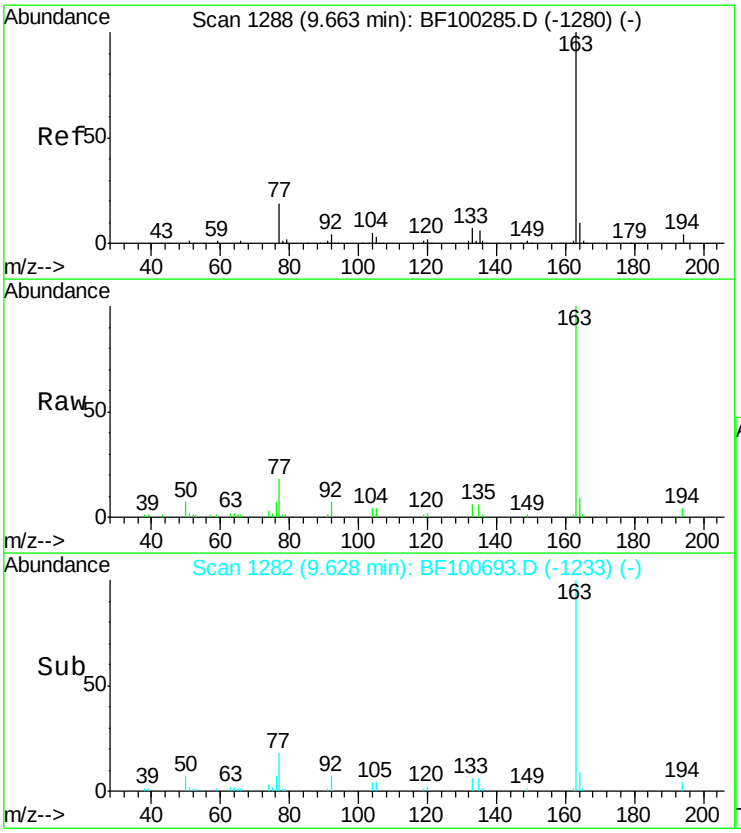
#47
2-Nitroaniline
Concen: 2.87 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion: 65 Resp: 322

Ion	Ratio	Lower	Upper
65	100		
92	837.7	55.8	83.6#
138	0.0	91.2	136.8#

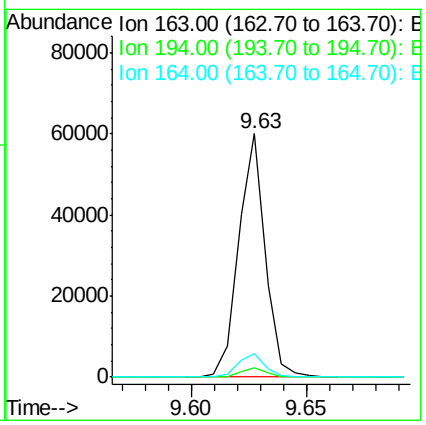


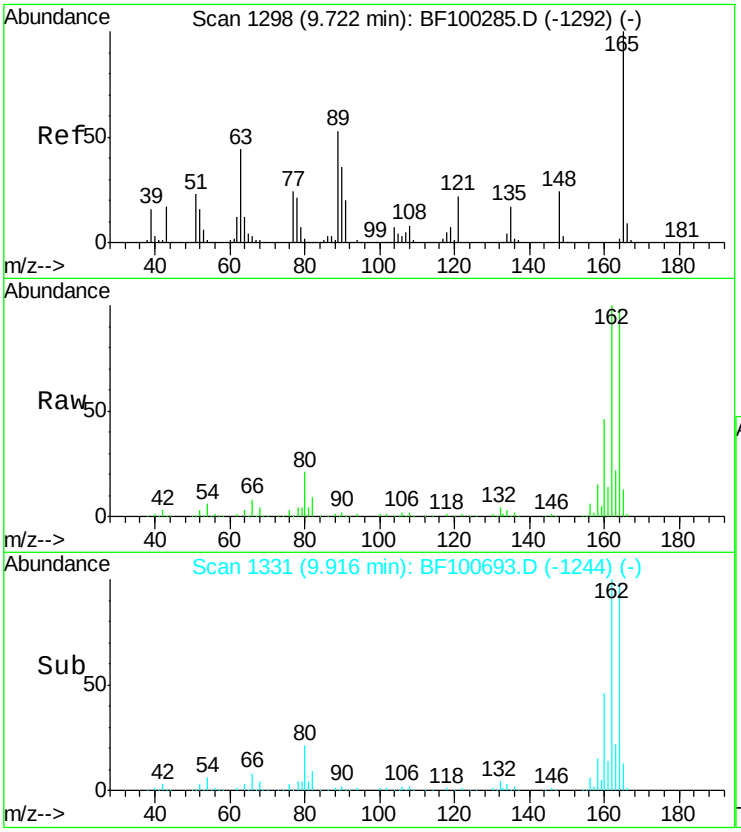


#49
Dimethylphthalate
Concen: 3.33 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:163 Resp: 48014

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.4	8.2	12.2



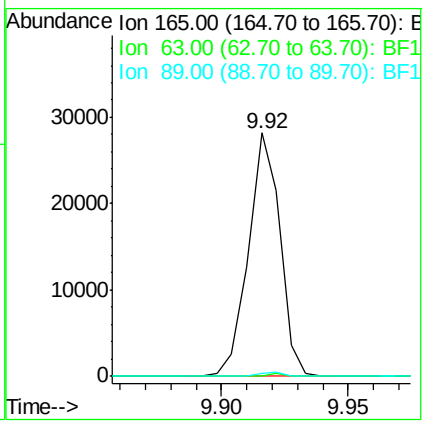


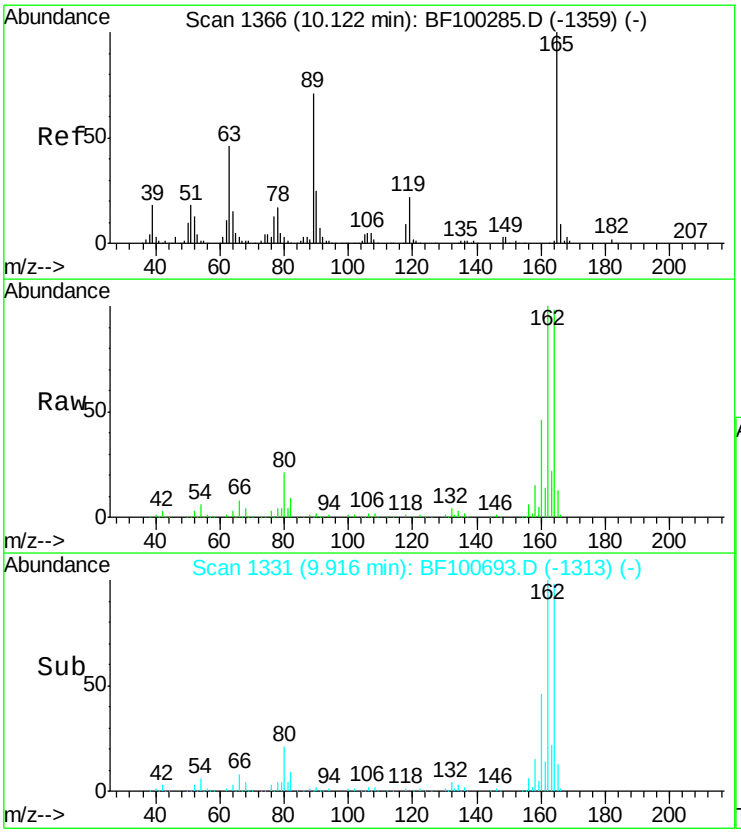
#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:165 Resp: 24457

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#

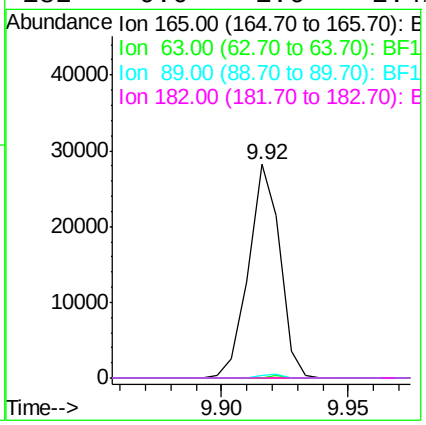


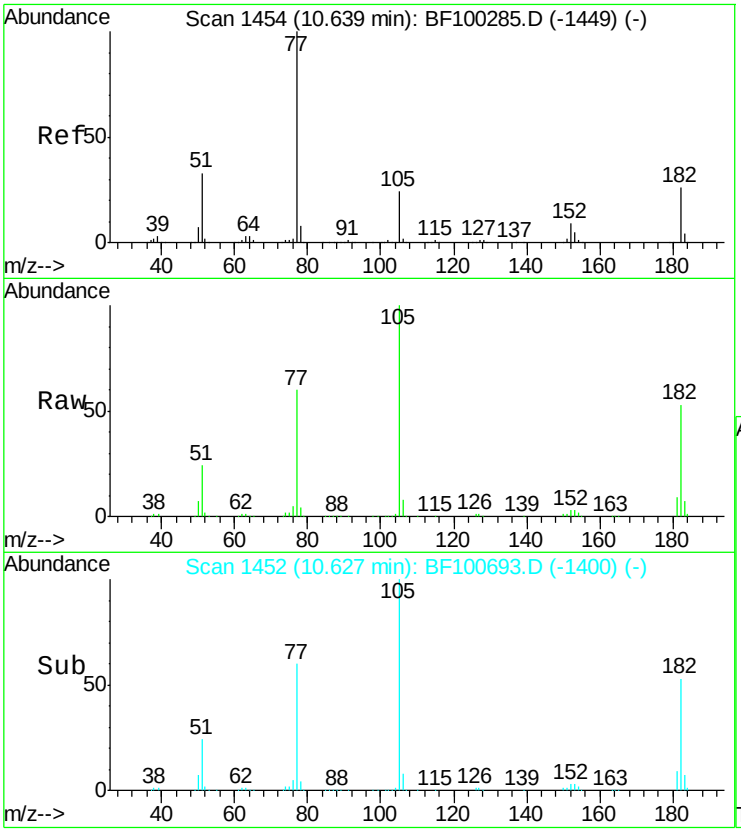


#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:165 Resp: 24457

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



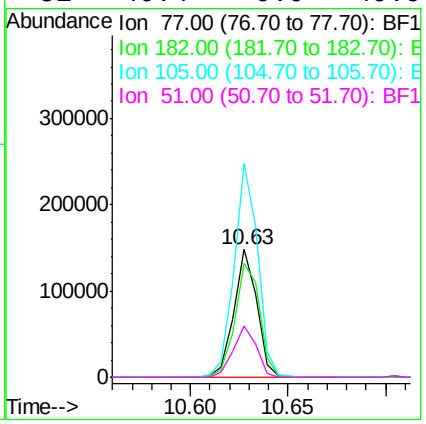


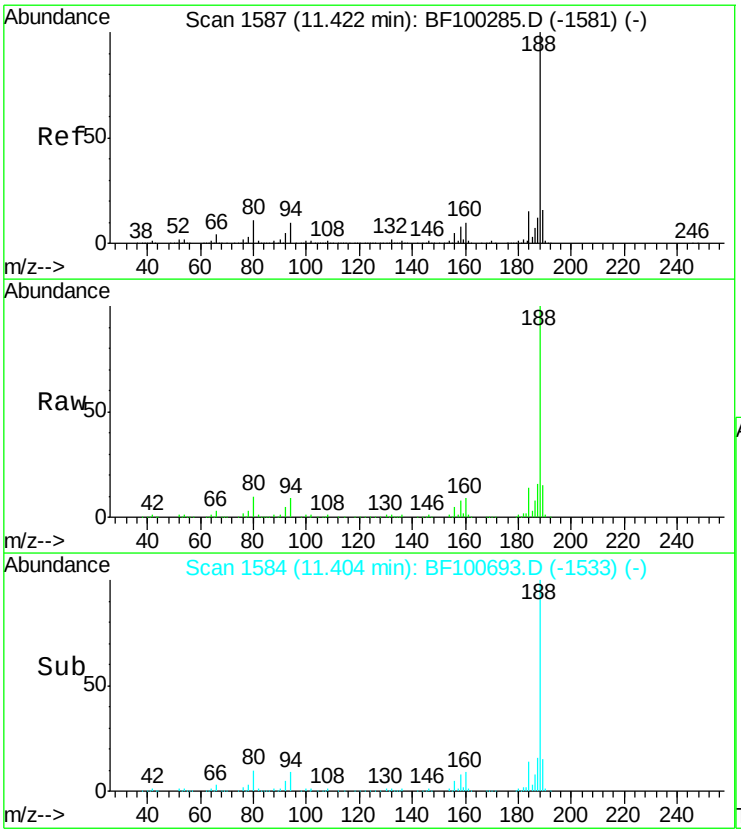
#62
Azobenzene
Concen: 8.89 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion: 77 Resp: 120893

Ion	Ratio	Lower	Upper
77	100		
182	88.6	1.7	41.7#
105	166.9	3.0	43.0#
51	40.4	9.9	49.9

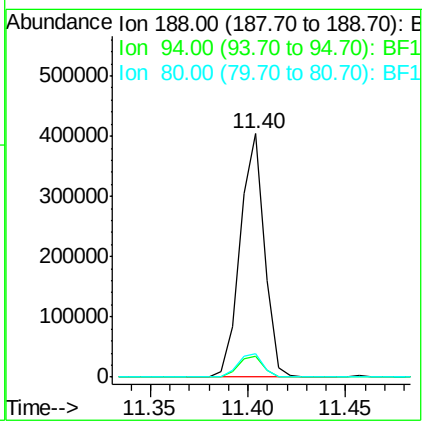


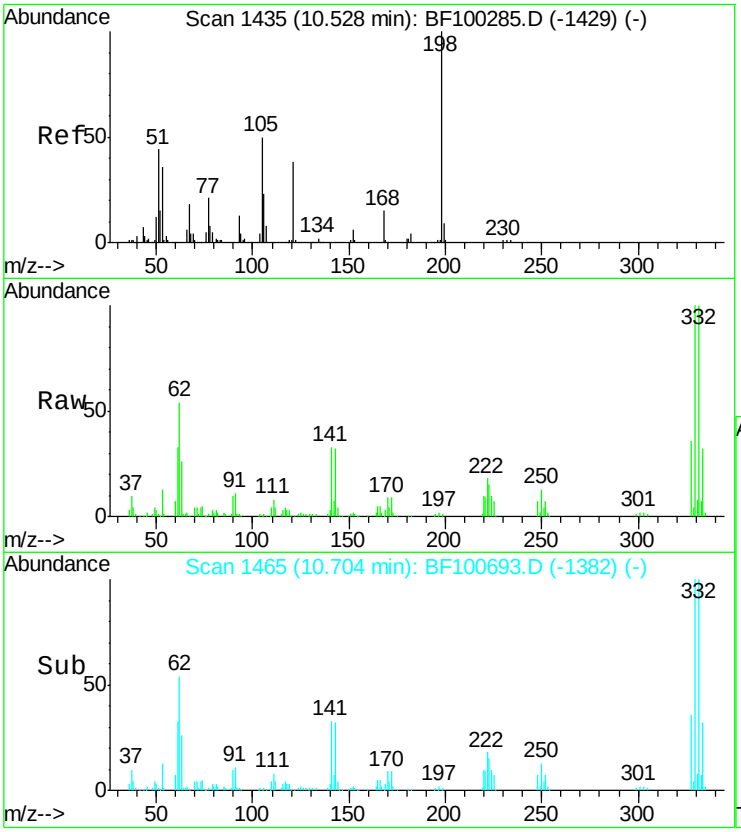


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:188 Resp: 345982

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.6	9.2	13.8



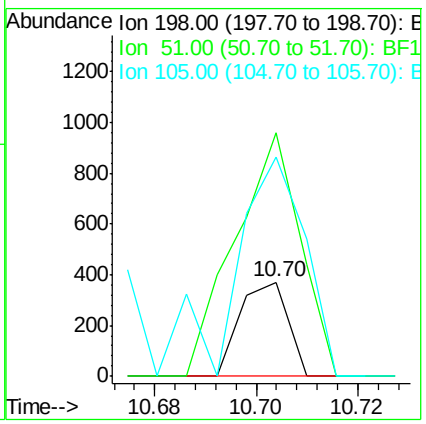


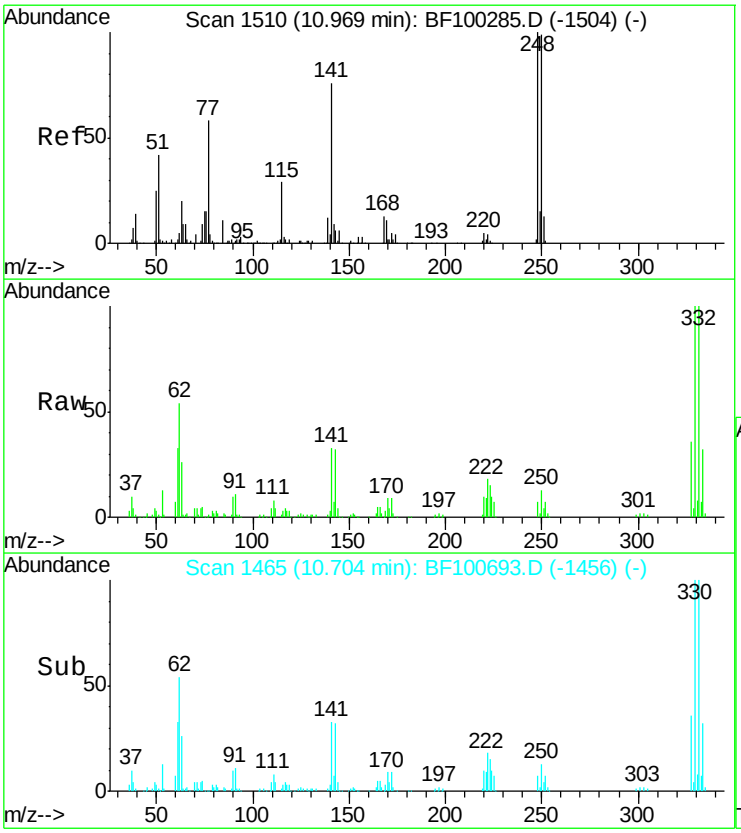
#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:198 Resp: 243

Ion	Ratio	Lower	Upper
198	100		
51	257.8	37.7	77.7#
105	232.0	36.3	76.3#

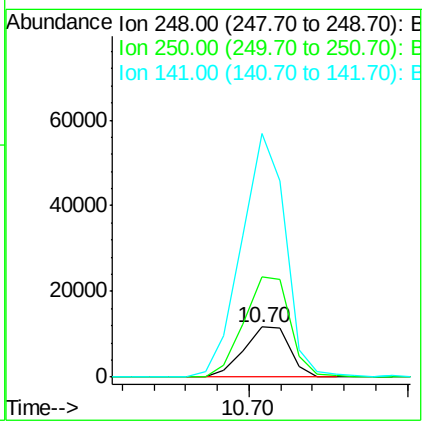


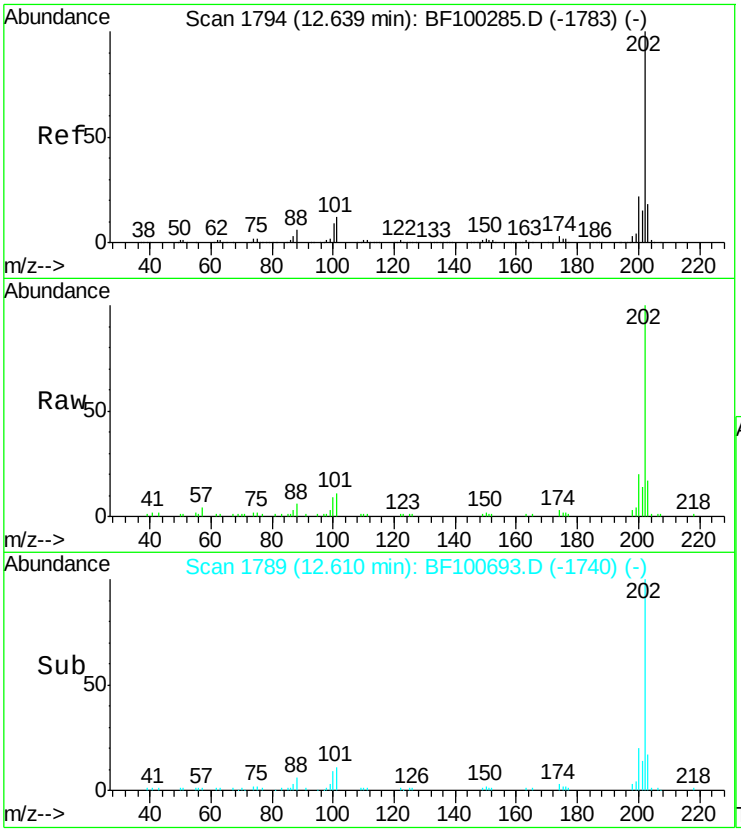


#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:248 Resp: 11839

Ion	Ratio	Lower	Upper
248	100		
250	201.6	76.9	115.3#
141	487.8	74.4	111.6#



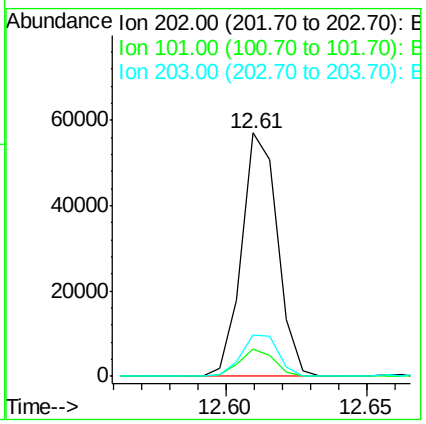


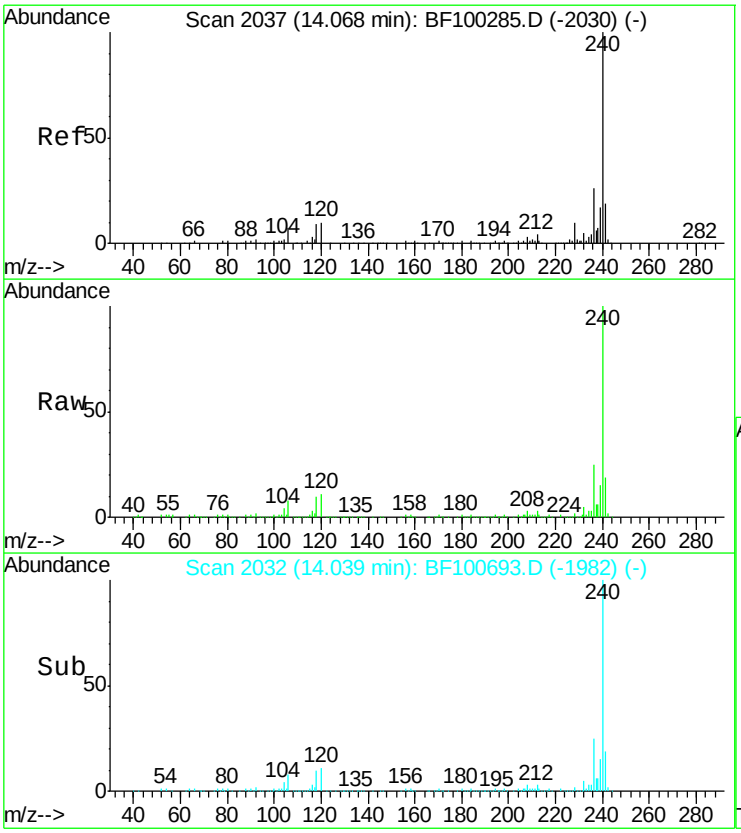
#74
Fluoranthene
Concen: 2.59 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:202 Resp: 50057

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	16.8	0.0	38.1

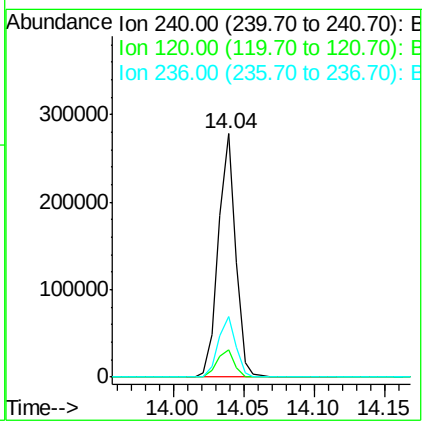


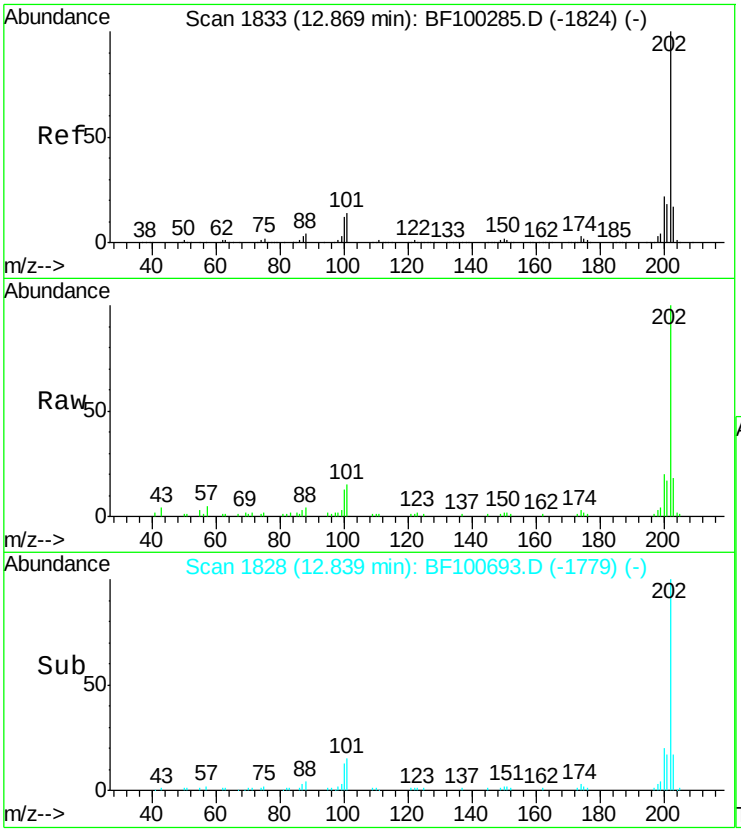


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:240 Resp: 237376

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	24.9	20.7	31.1



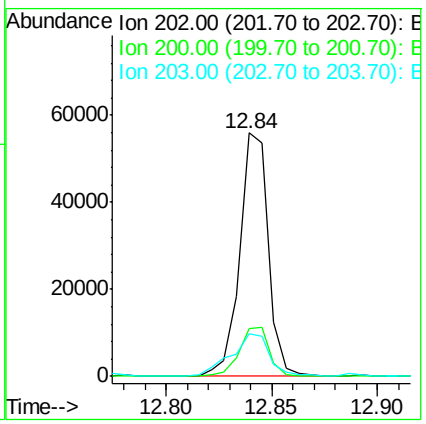


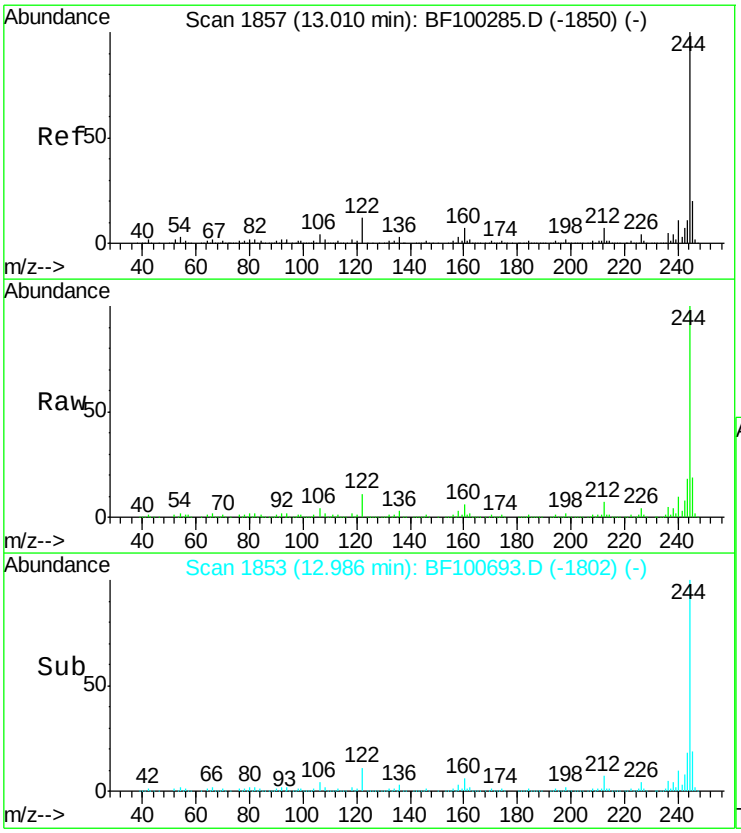
#77
Pyrene
Concen: 3.09 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:202 Resp: 52359

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.7	14.3	21.5

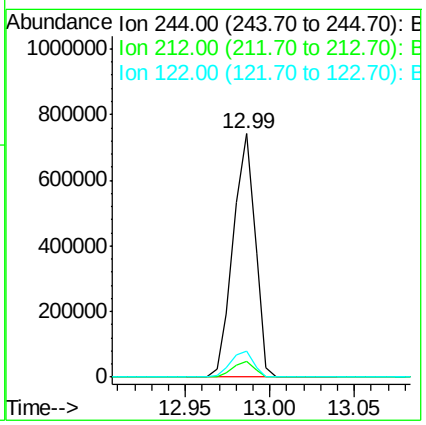


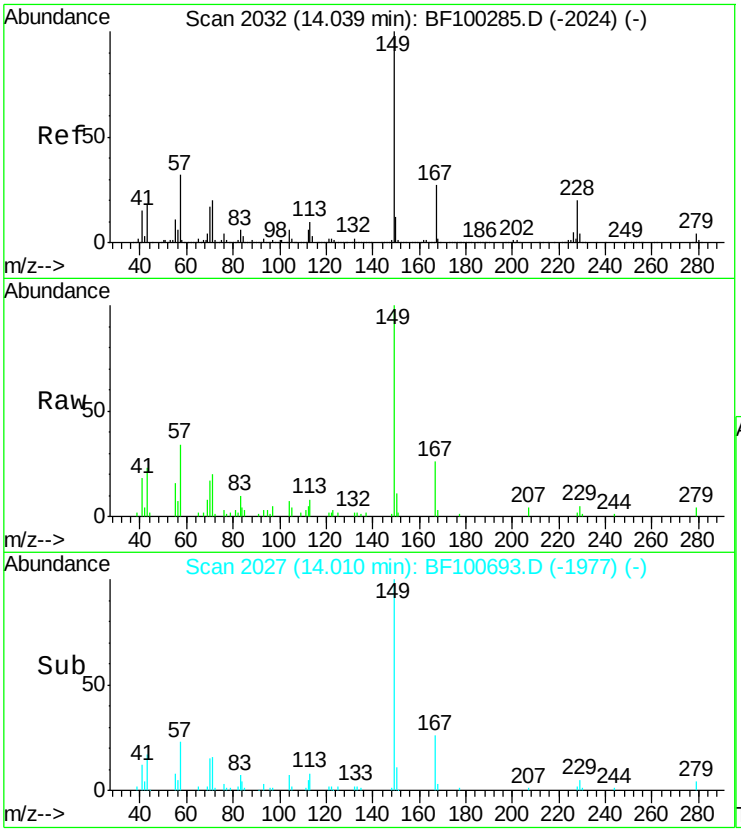


#78
Terphenyl-d14
Concen: 65.02 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:244 Resp: 671714

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.8	11.0	16.4#



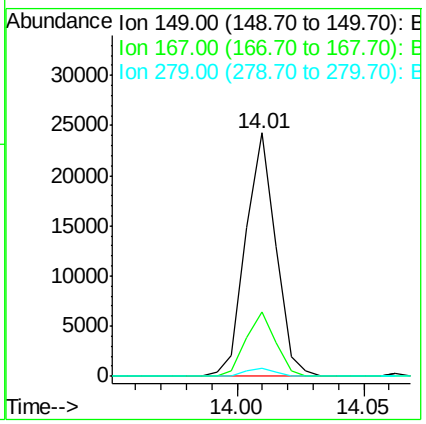


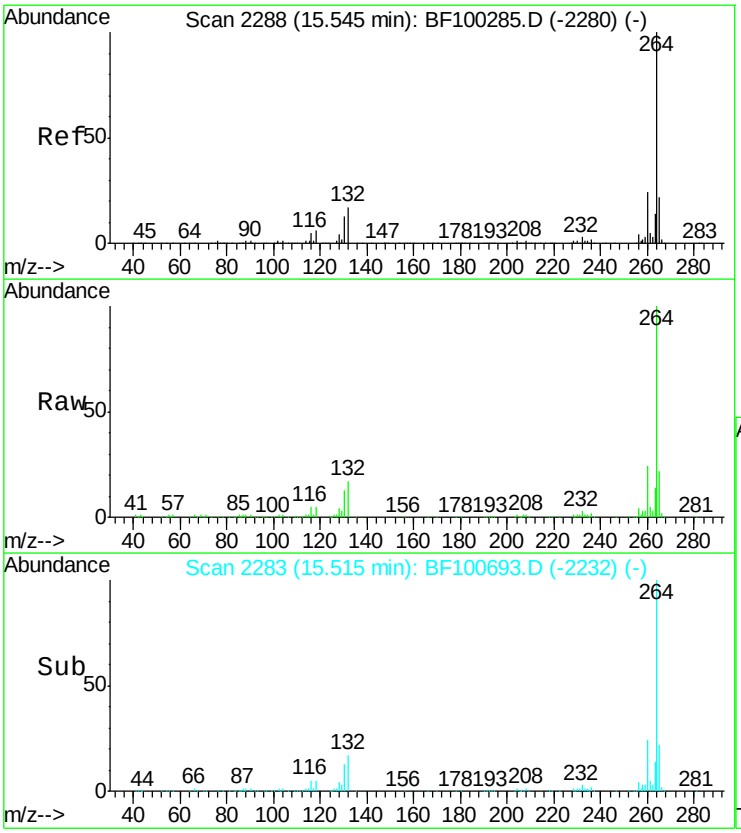
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.22 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:149 Resp: 20138

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4

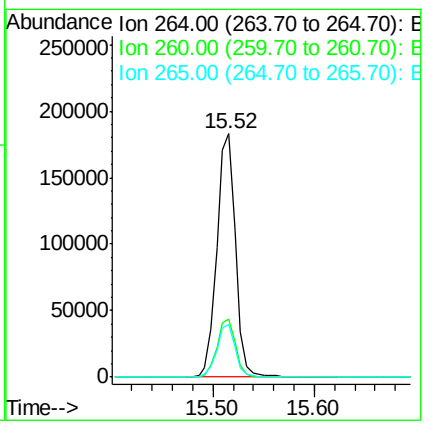


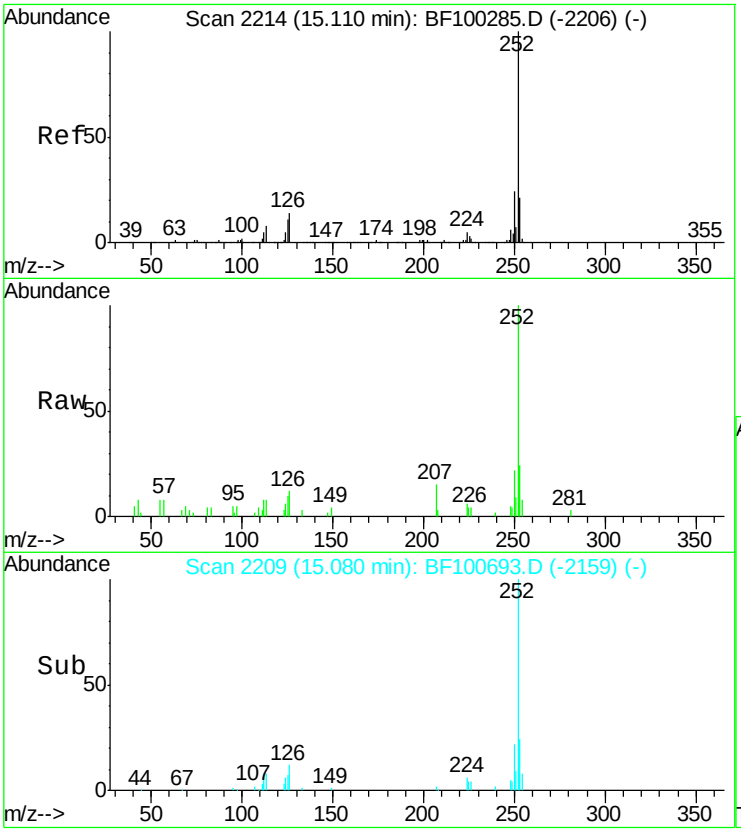


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:264 Resp: 233802

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 2.13 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tgt Ion:252 Resp: 29485

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	10.0	9.0	13.6