Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Time: Feb 04 00:49:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124883	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	491257	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	282749	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	433523	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	362310	20.00	ng	-0.05
86) Perylene-d12	15.57	264	310740	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1019710	140.09	ng	-0.04
7) Phenol-d6	6.57	99	1246603	133.10	ng	-0.03
23) Nitrobenzene-d5	7.49	82	892753	101.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	324614	158.73	ng	-0.03
44) 2-Fluorobiphenyl	9.29	172	1361196	87.22	ng	-0.05
78) Terphenyl-d14	13.05	244	1205722	78.19	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.58	94	103236	9.42	ng	# 77
15) Benzyl Alcohol	7.08	79	14836	2.14	ng	# 38
25) Isophorone	7.49	82	864847	52.61	ng	# 65
32) Benzoic acid	7.86	122	855	7.34	ng	87
35) Caprolactam	8.64	113	18135	8.17	ng	# 19
49) Dimethylphthalate	9.69	163	128994	6.77	ng	# 99
53) 2,4-Dinitrophenol	10.17	184	515	4.97	ng	# 1
55) 4-Nitrophenol	10.08	139	10853	3.20	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.59	198	719	2.93	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	127782	9.23	ng	# 43
69) Pentachlorophenol	11.36	266	215	7.29	ng	# 16
70) Phenanthrene	11.48	178	123333	4.97	ng	# 93
74) Fluoranthene	12.68	202	53901	2.10	ng	92
83) Bis(2-ethylhexyl)phthalate	14.08	149	42485	2.82	ng	# 96

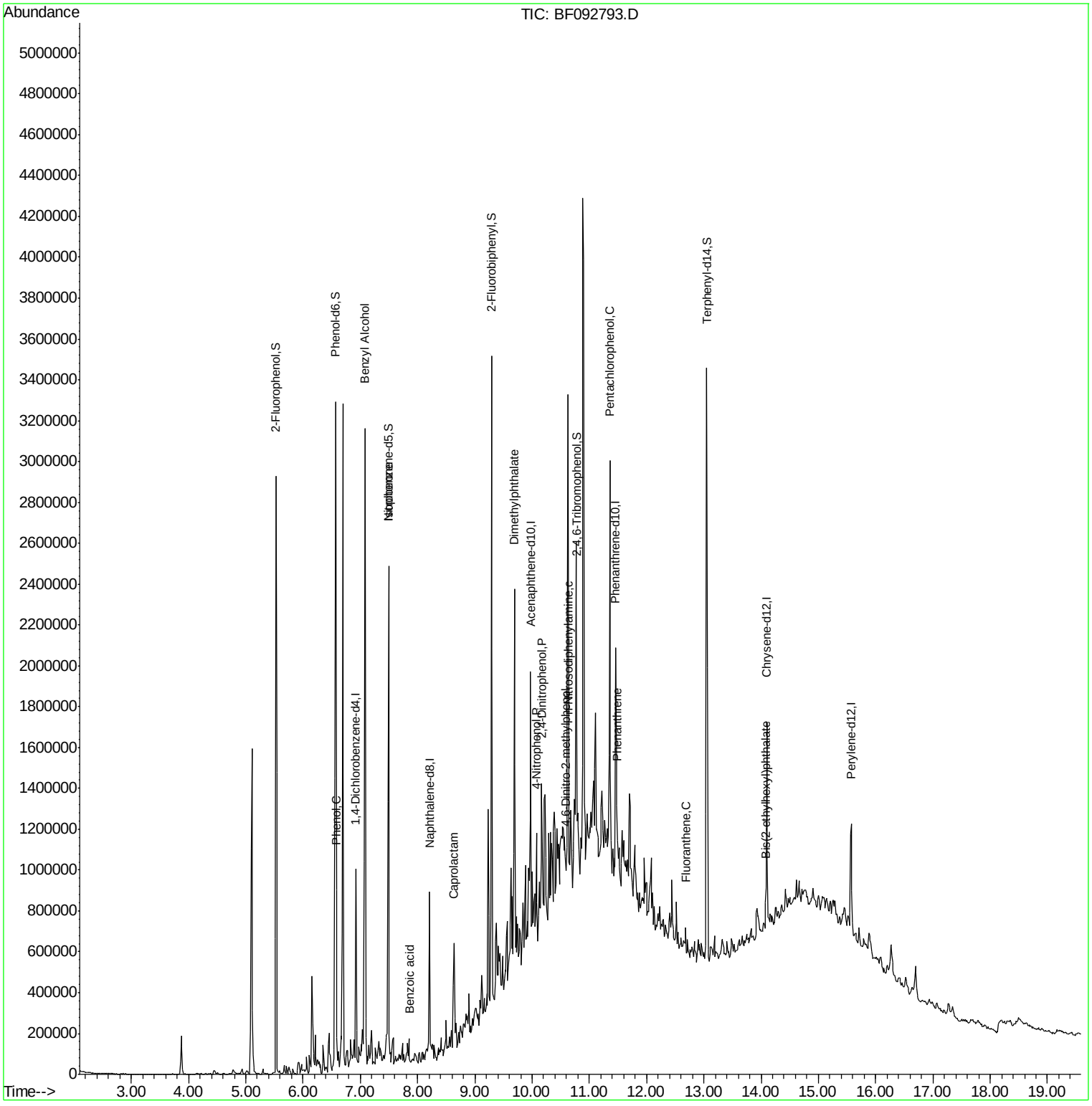
(#) = qualifier out of range (m) = manual integration (+) = signals summed

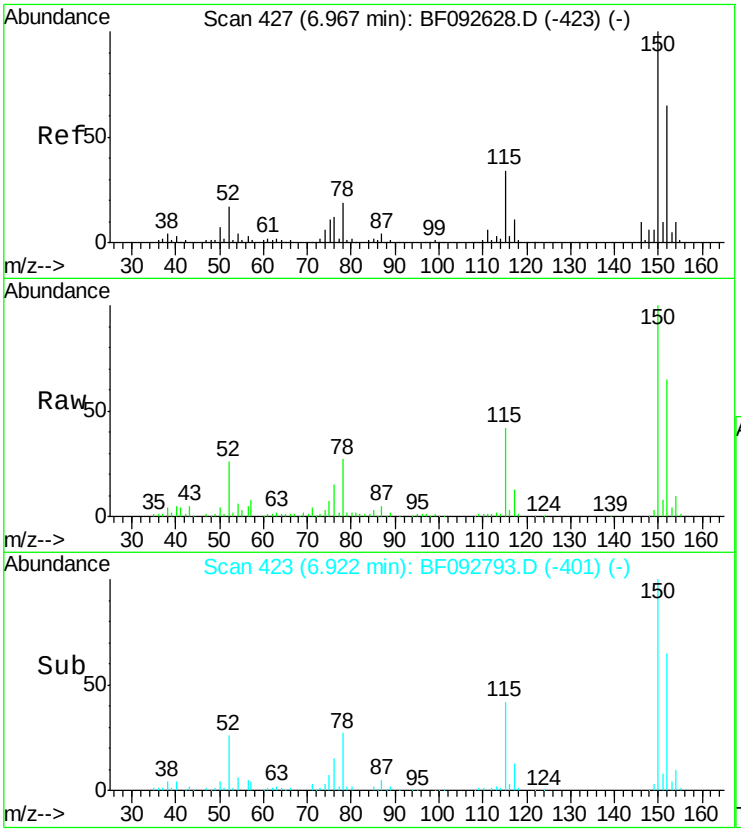
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Time: Feb 04 00:49:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration



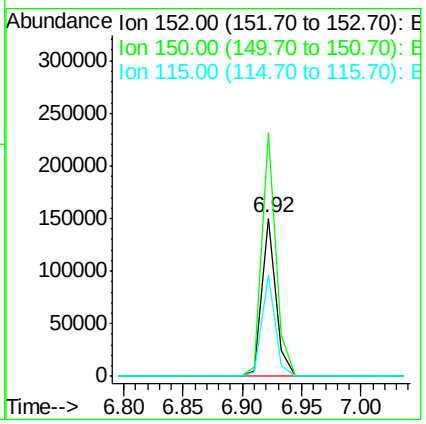


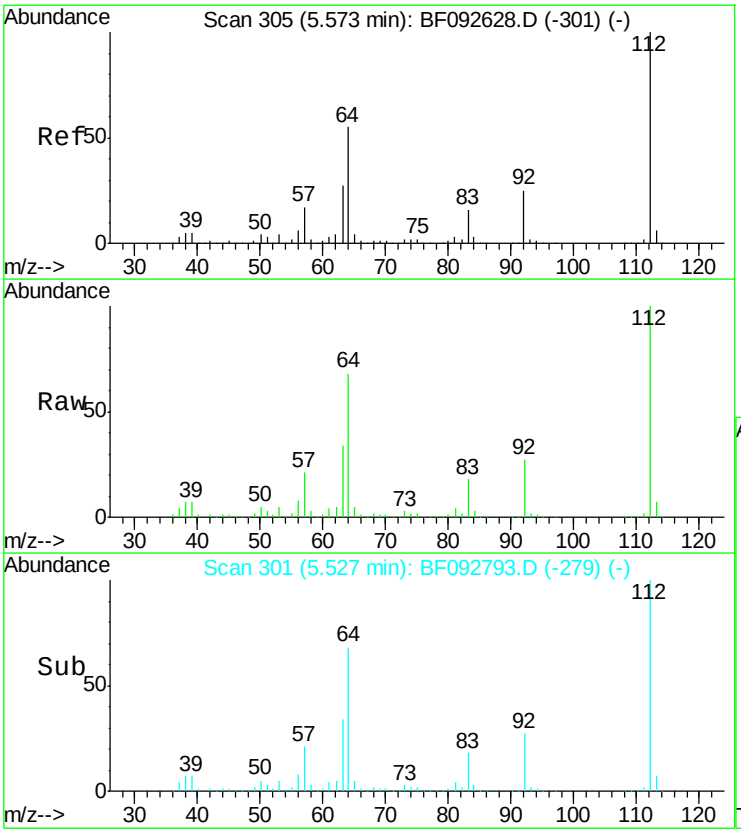
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:152 Resp: 124883

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	63.9	46.0	69.0

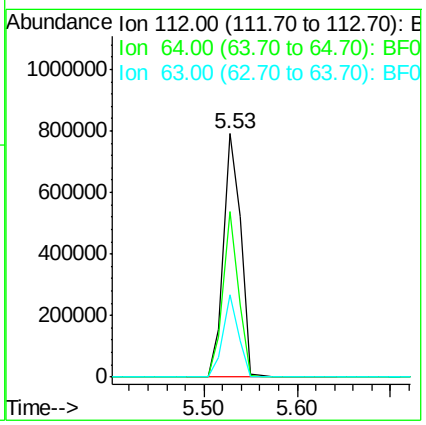


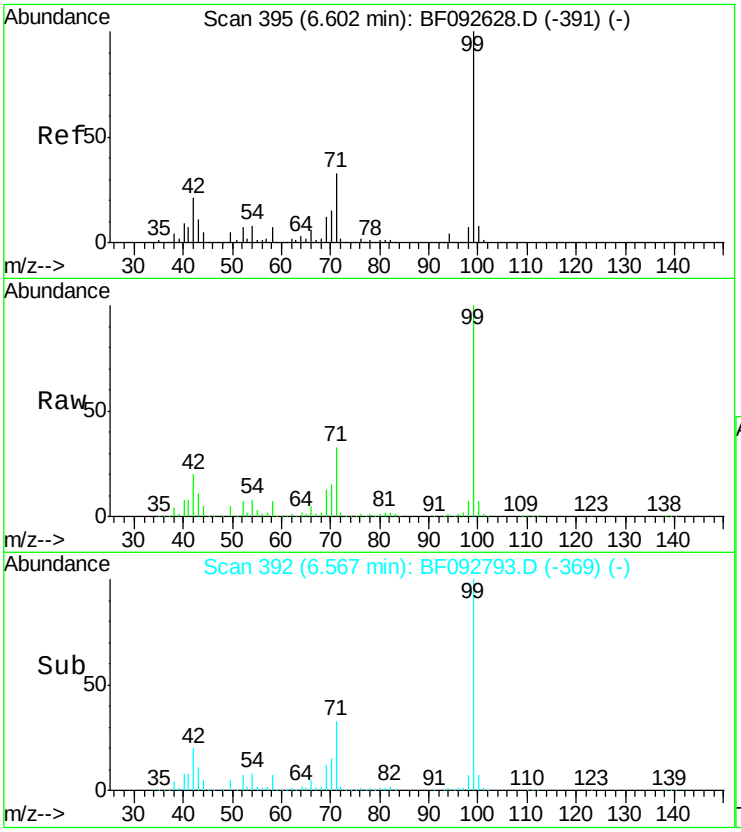


#5
2-Fluorophenol
Concen: 140.09 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:112 Resp: 1019710

Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.1	69.1
63	33.9	23.8	35.6



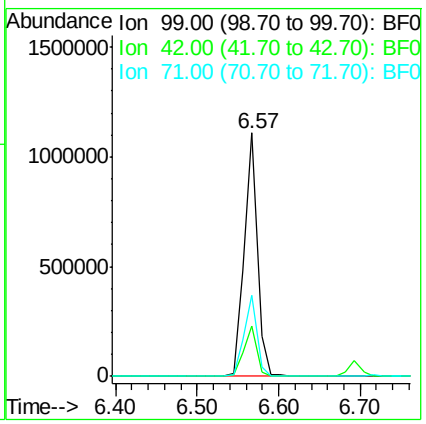


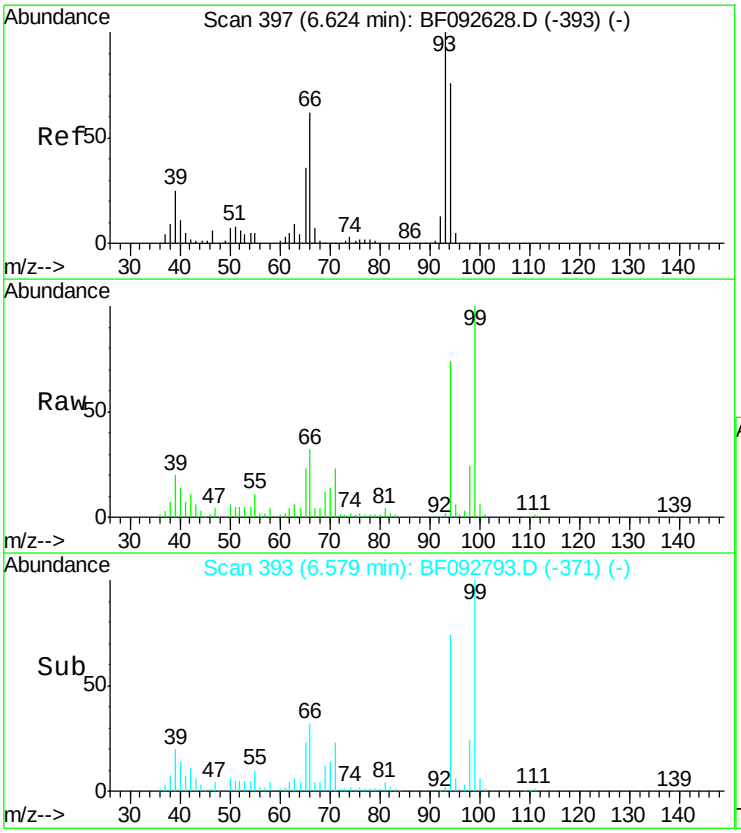
#7
Phenol-d6
Concen: 133.10 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion: 99 Resp: 1246603

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	33.0	27.5	41.3

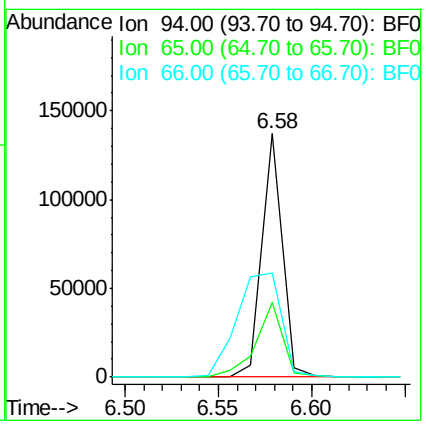


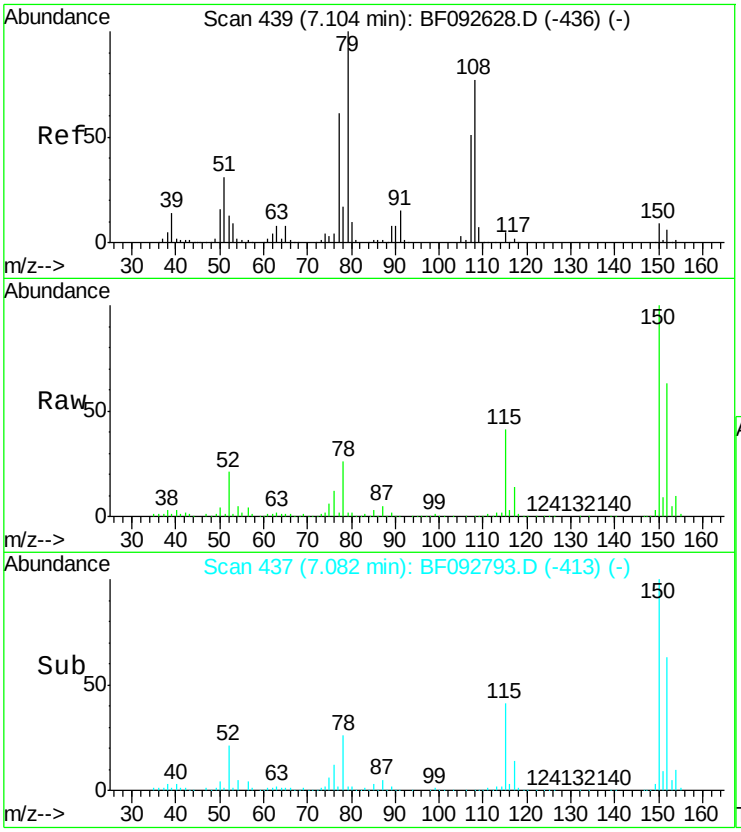


#10
Phenol
Concen: 9.42 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion: 94 Resp: 103236

Ion	Ratio	Lower	Upper
94	100		
65	30.7	21.4	61.4
66	42.7	44.0	84.0#



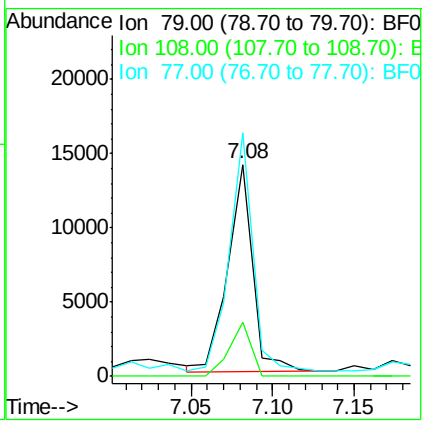


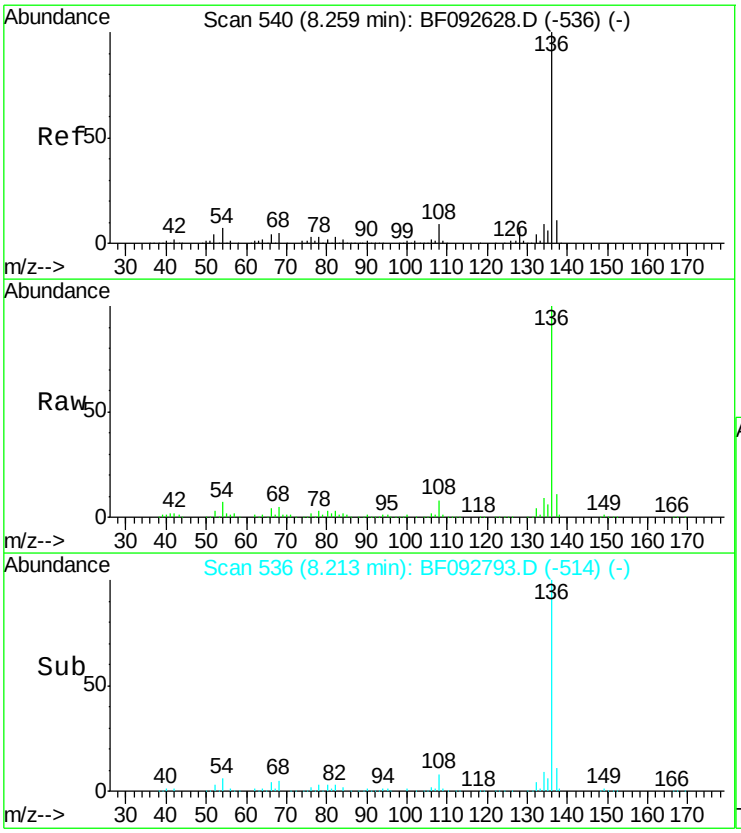
#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion: 79 Resp: 14836

Ion	Ratio	Lower	Upper
79	100		
108	25.3	61.4	92.0#
77	114.9	50.9	76.3#

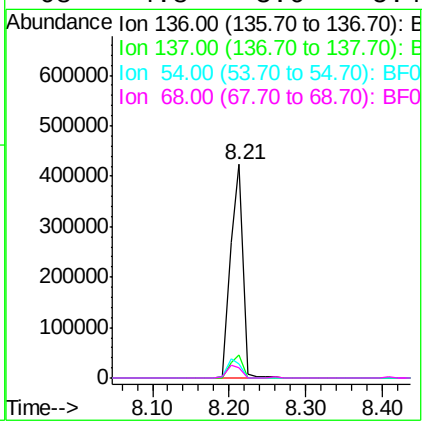


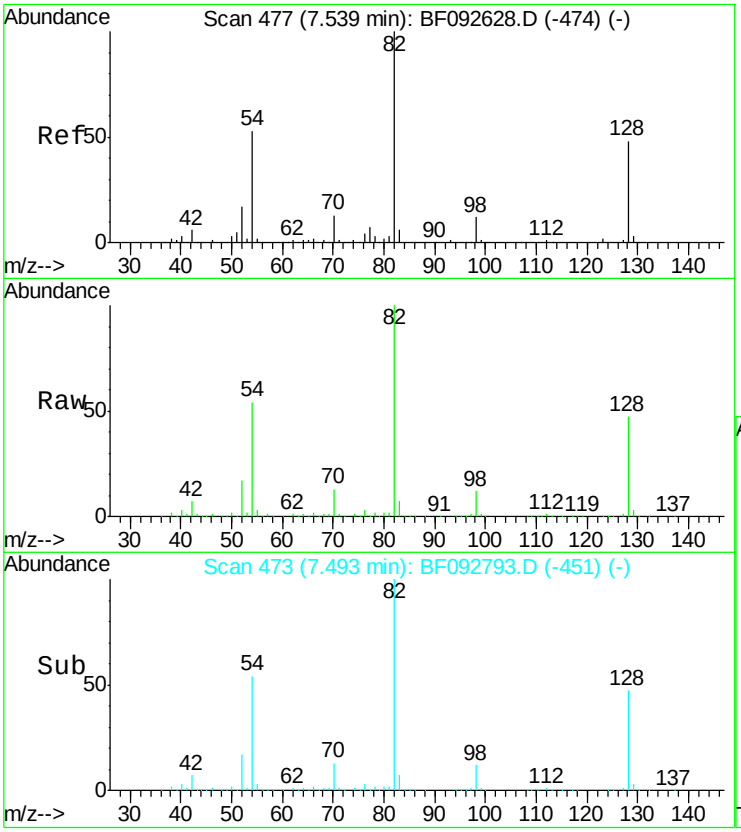


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:136 Resp: 491257

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.5	4.5	6.7
68	4.8	3.6	5.4



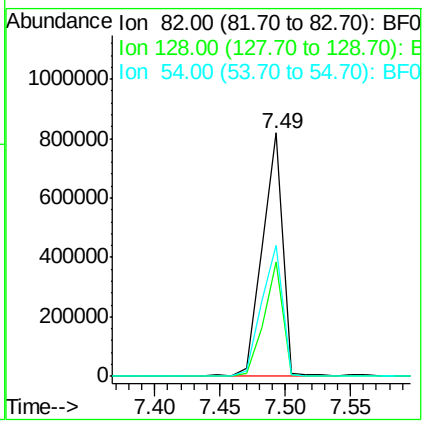


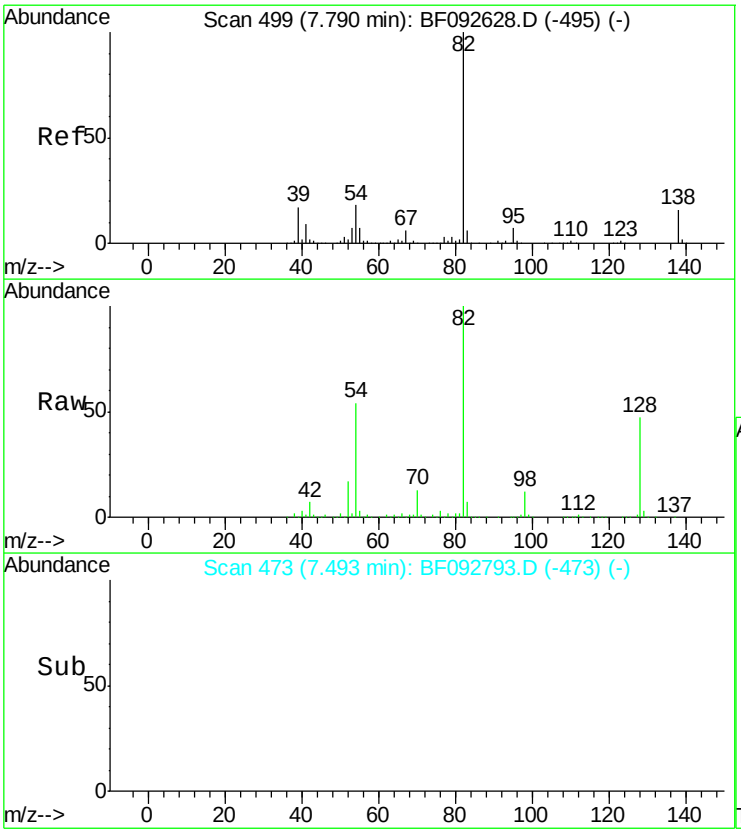
#23
Nitrobenzene-d5
Concen: 101.20 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion: 82 Resp: 892753

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	52.0
54	53.9	39.5	59.3

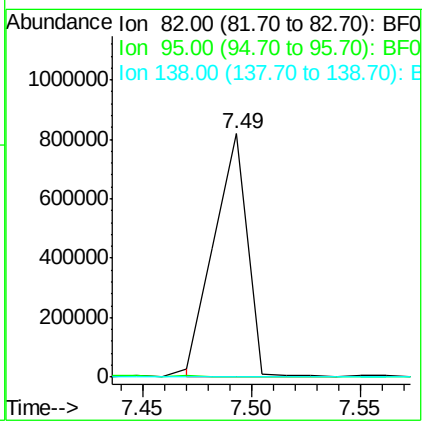


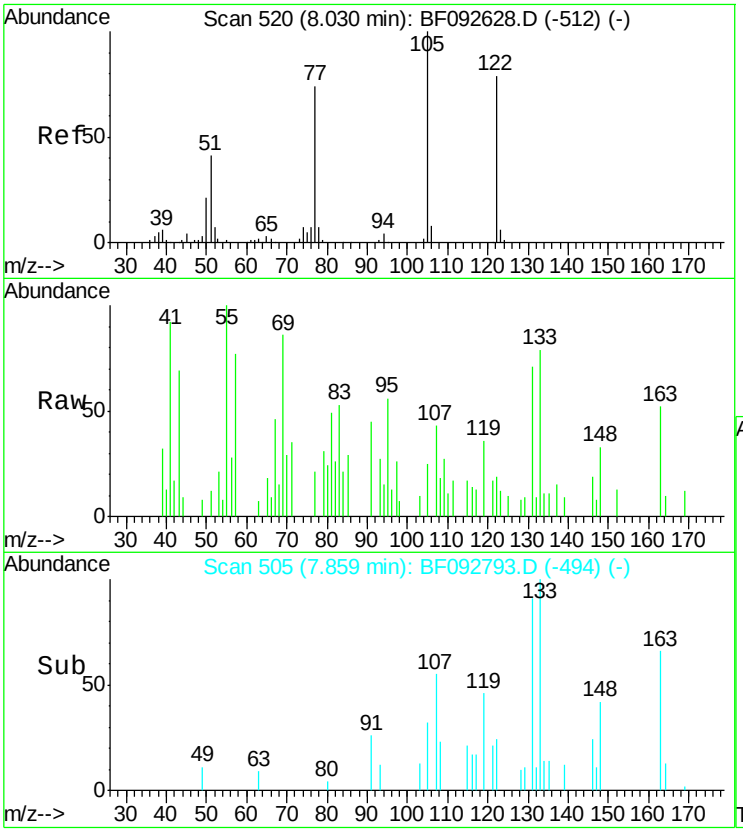


#25
Isophorone
Concen: 52.61 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.30 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion: 82 Resp: 864847

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.6	8.4#
138	0.0	14.6	22.0#



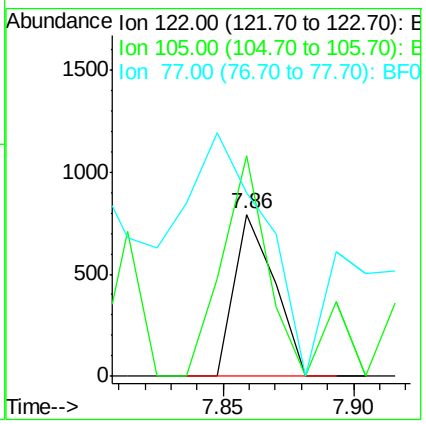


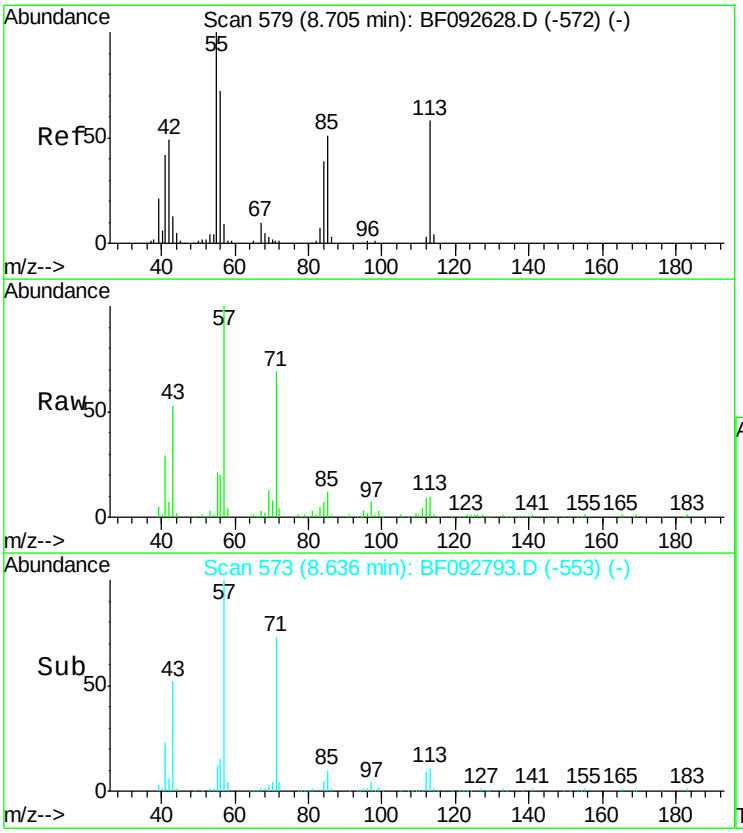
#32
Benzoic acid
Concen: 7.34 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.17 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:122 Resp: 855

Ion	Ratio	Lower	Upper
122	100		
105	136.2	107.2	147.2
77	113.6	74.5	114.5

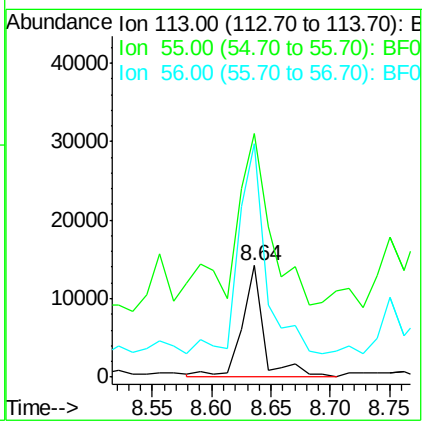


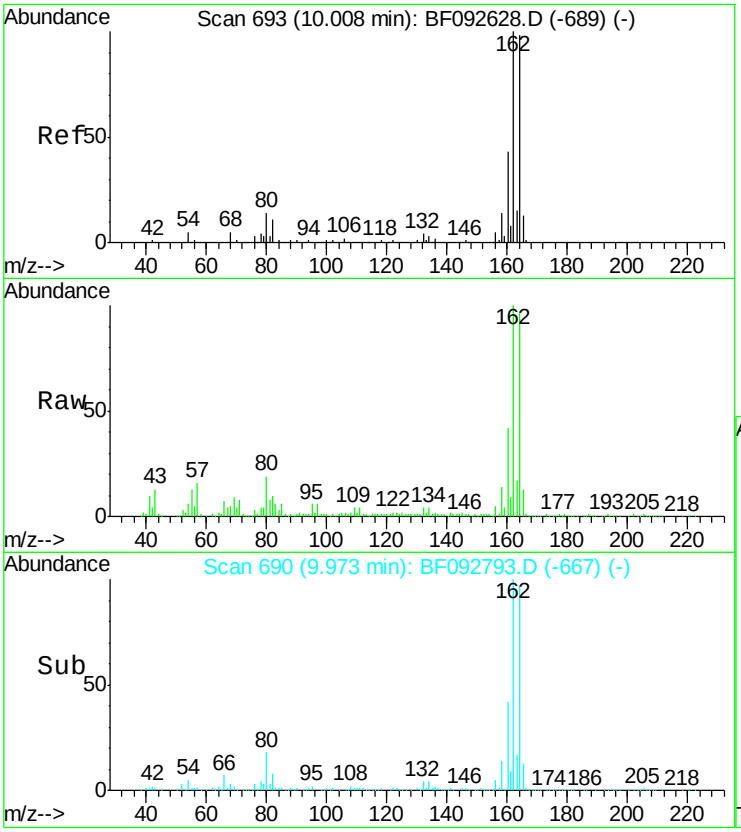


#35
Caprolactam
Concen: 8.17 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.07 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:113 Resp: 18135

Ion	Ratio	Lower	Upper
113	100		
55	218.0	119.2	159.2#
56	208.8	83.8	123.8#



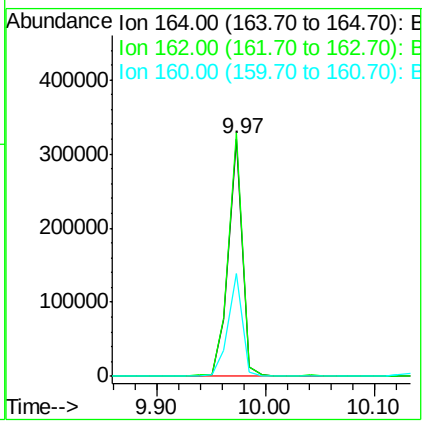


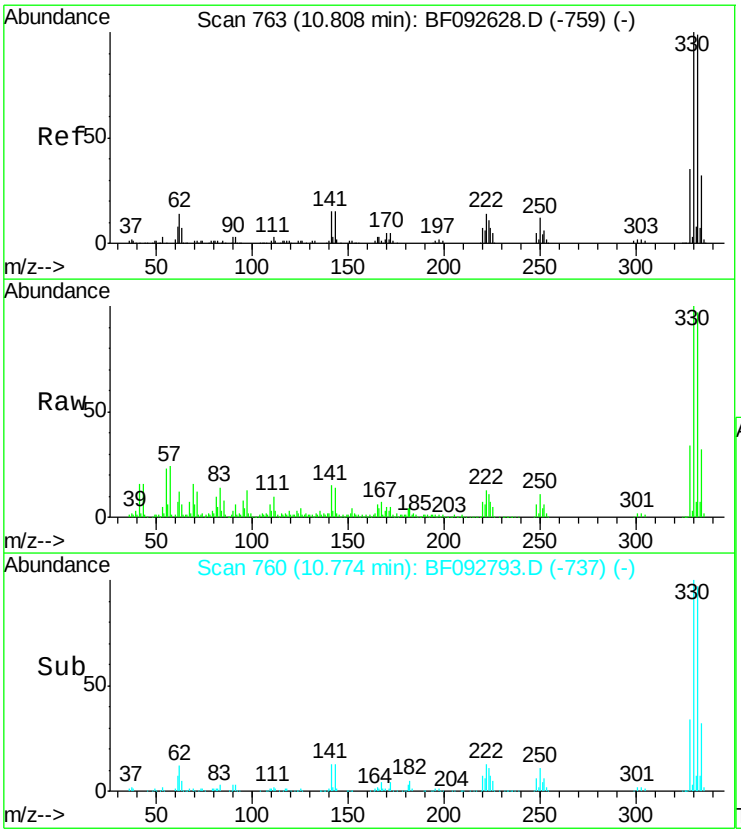
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:164 Resp: 282749

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	43.3	36.9	55.3

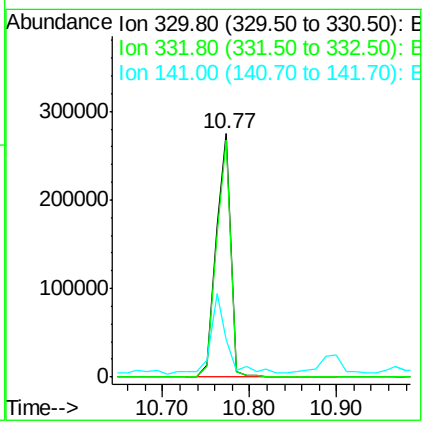


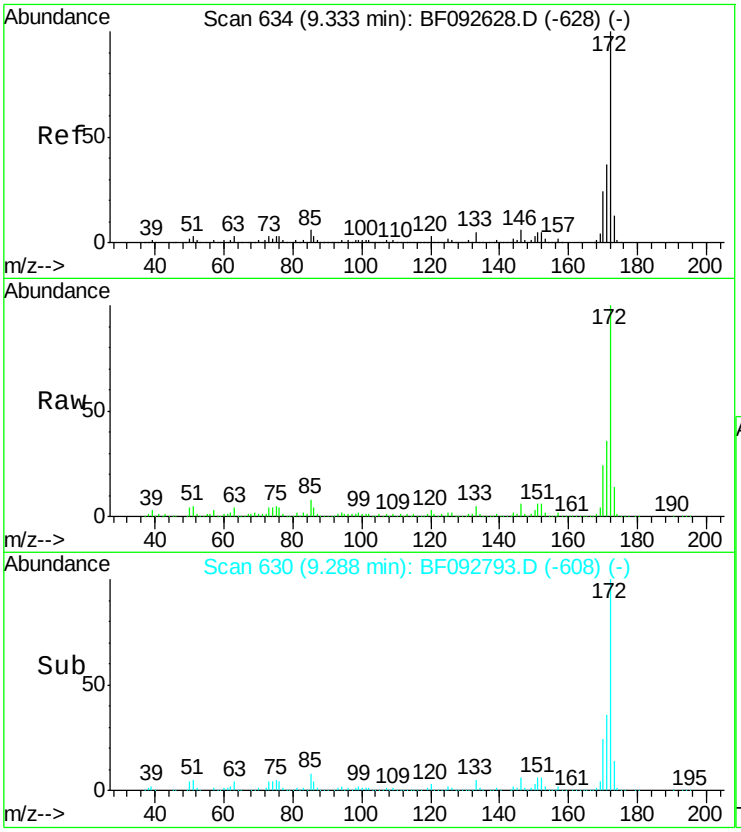


#41
2,4,6-Tribromophenol
Concen: 158.73 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:330 Resp: 324614

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	37.7	34.1	51.1



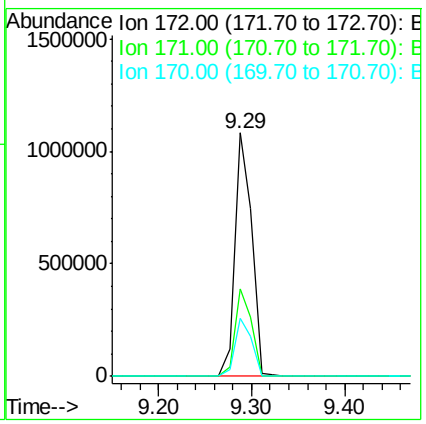


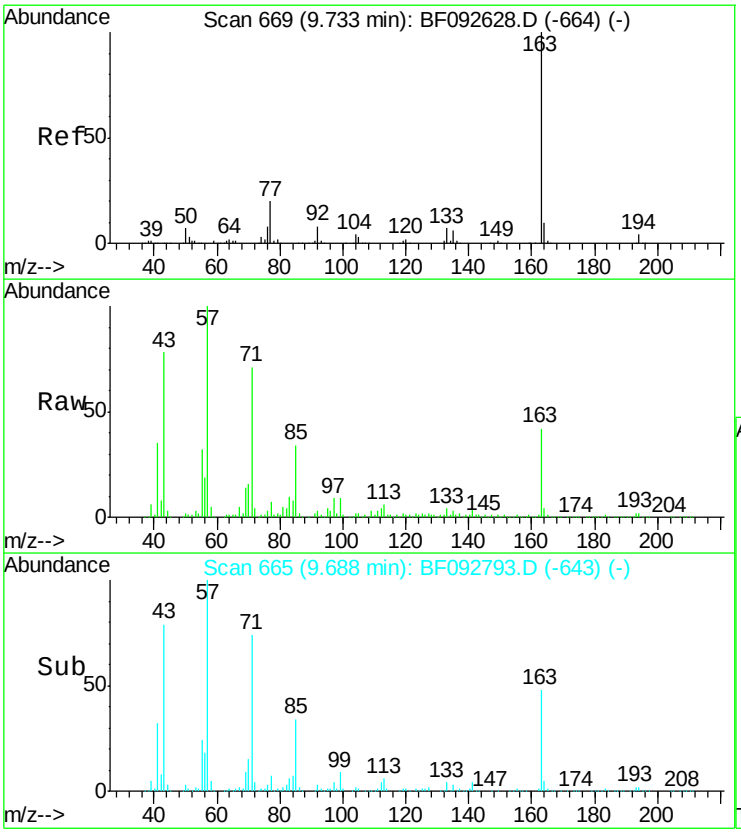
#44
2-Fluorobiphenyl
Concen: 87.22 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:172 Resp: 1361196

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	20.2	30.4

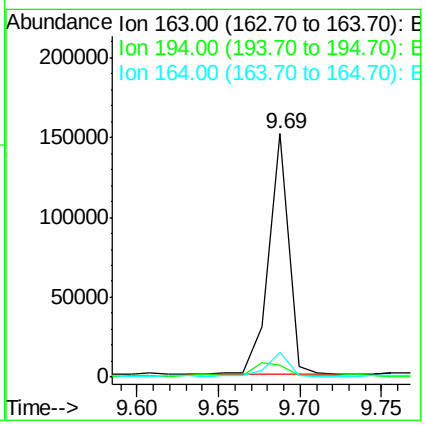


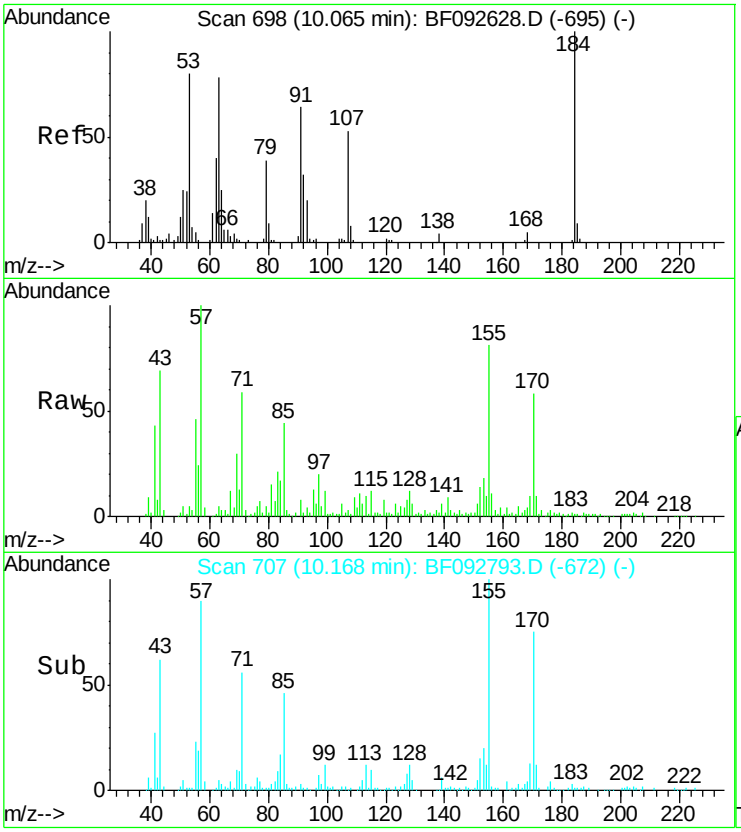


#49
Dimethylphthalate
Concen: 6.77 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:163 Resp: 128994

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.0	4.4#
164	10.1	8.0	12.0



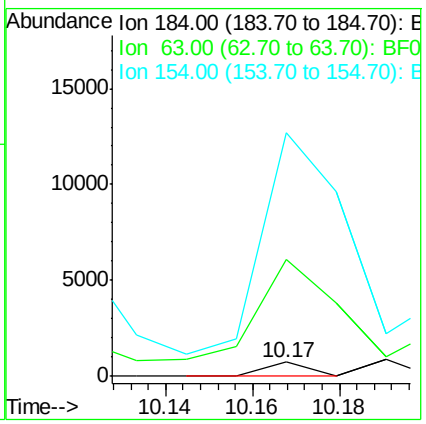


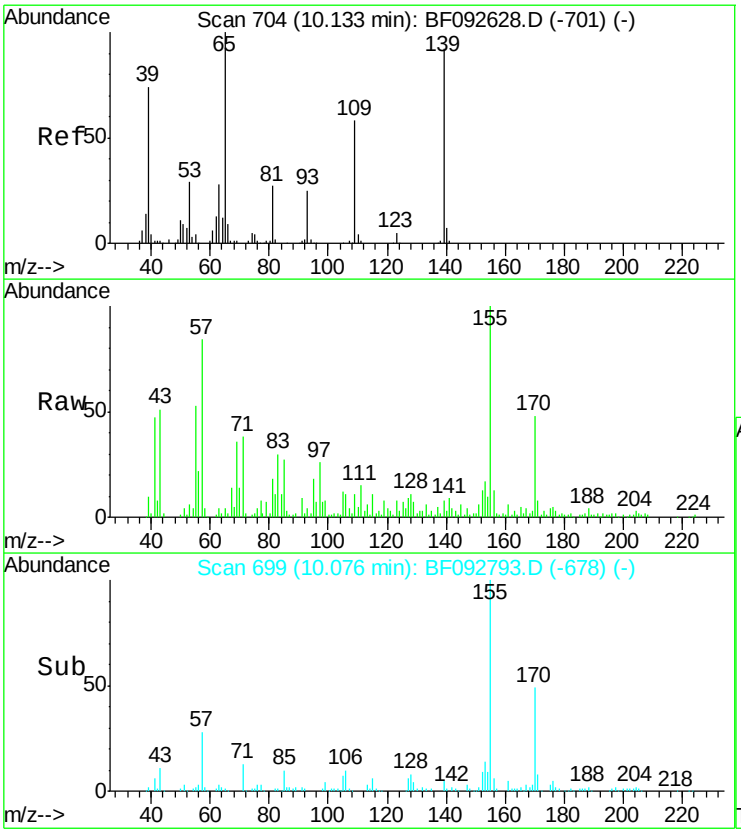
#53
2,4-Dinitrophenol
Concen: 4.97 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.10 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:184 Resp: 515

Ion	Ratio	Lower	Upper
184	100		
63	815.3	28.4	42.6#
154	1692.3	44.3	66.5#

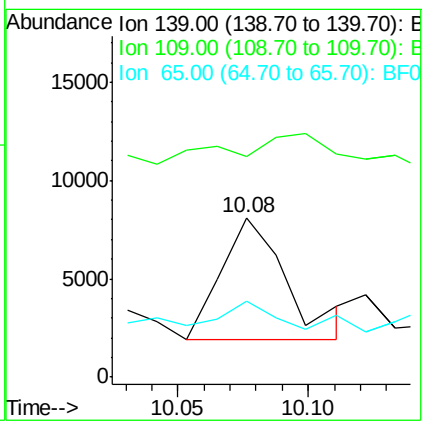


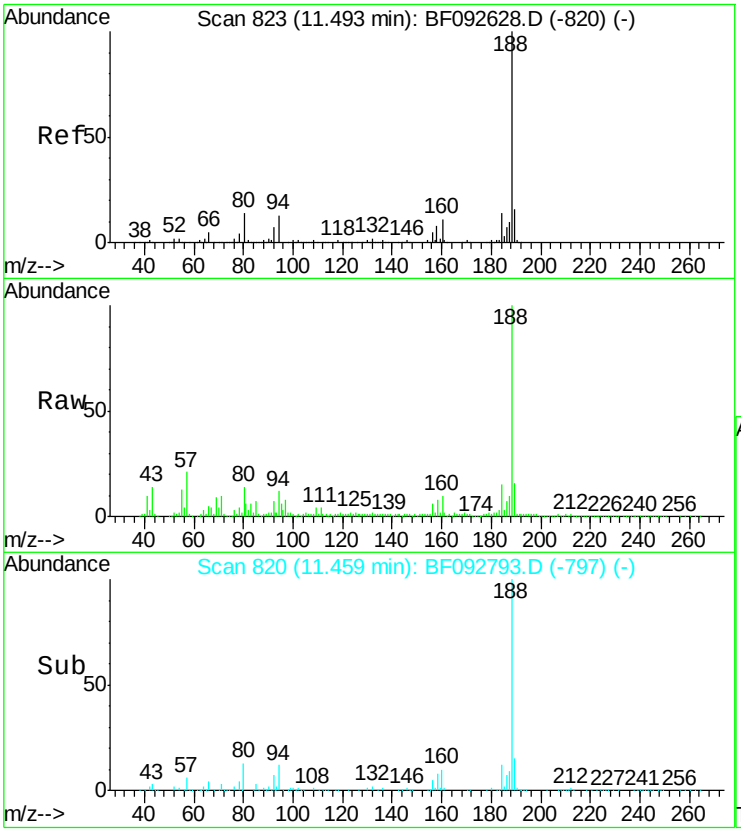


#55
4-Nitrophenol
Concen: 3.20 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:139 Resp: 10853

Ion	Ratio	Lower	Upper
139	100		
109	138.6	52.2	92.2#
65	47.3	85.8	125.8#



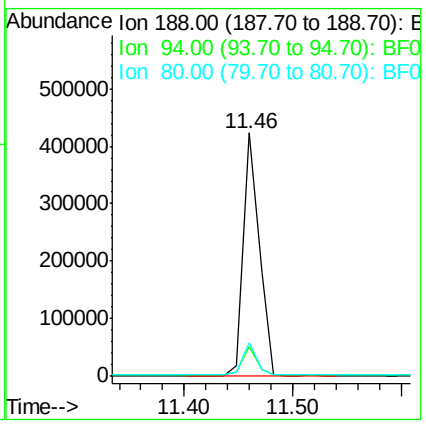


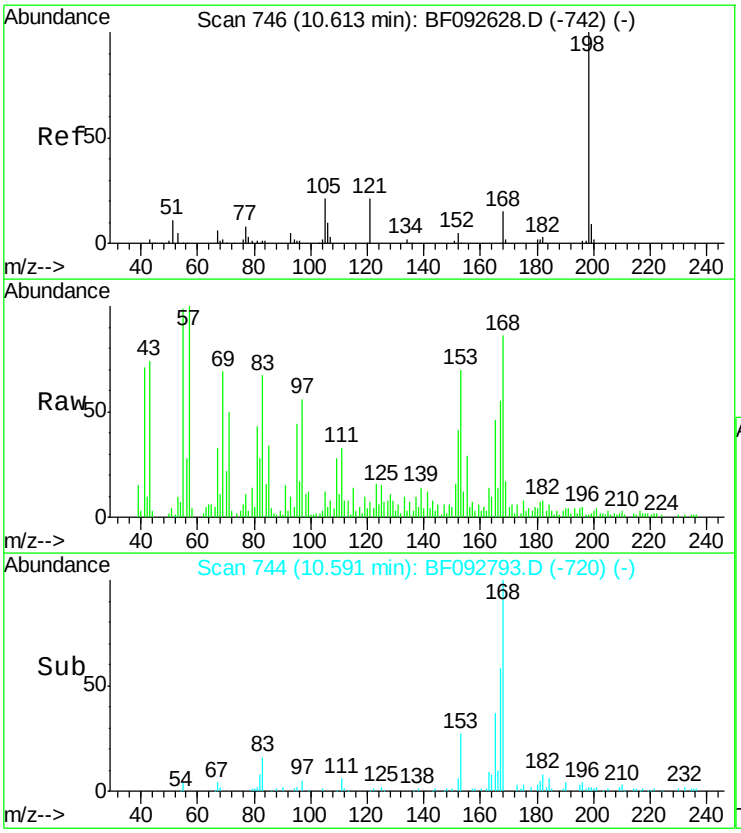
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:188 Resp: 433523

Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.0	15.0
80	13.9	11.2	16.8

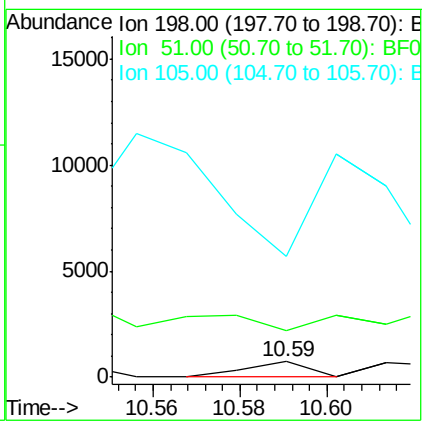


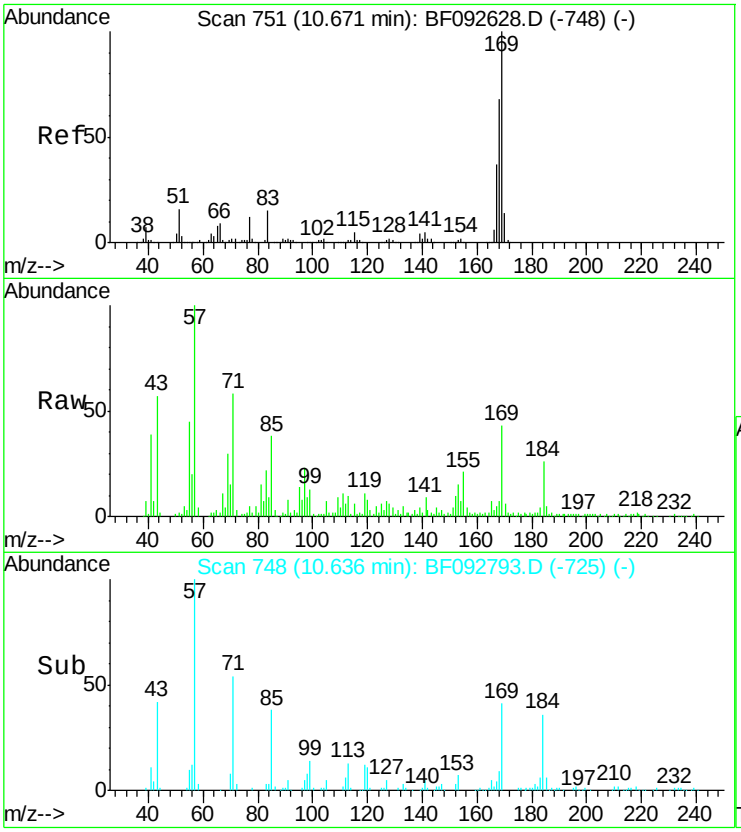


#64
4,6-Dinitro-2-methylphenol
Concen: 2.93 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:198 Resp: 719

Ion	Ratio	Lower	Upper
198	100		
51	301.2	6.7	46.7#
105	788.0	16.6	56.6#



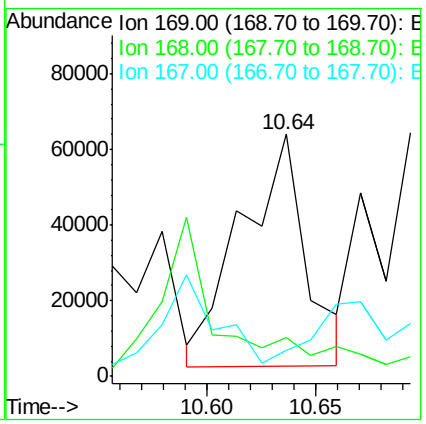


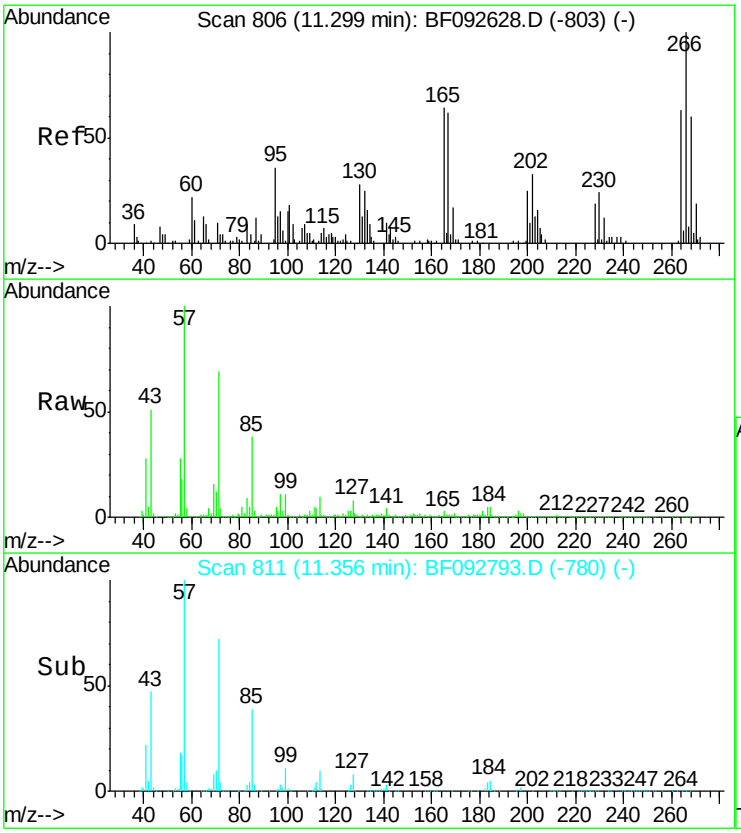
#65
n-Nitrosodiphenylamine
Concen: 9.23 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:169 Resp: 127782

Ion	Ratio	Lower	Upper
169	100		
168	15.9	54.2	81.2#
167	11.0	30.2	45.4#

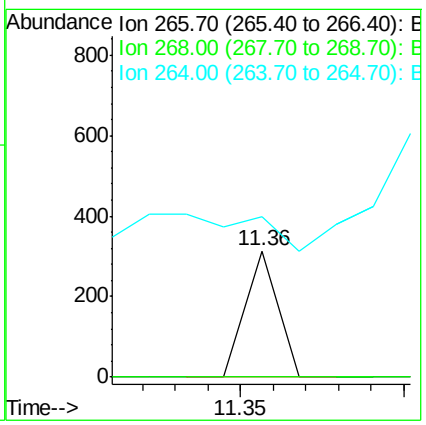


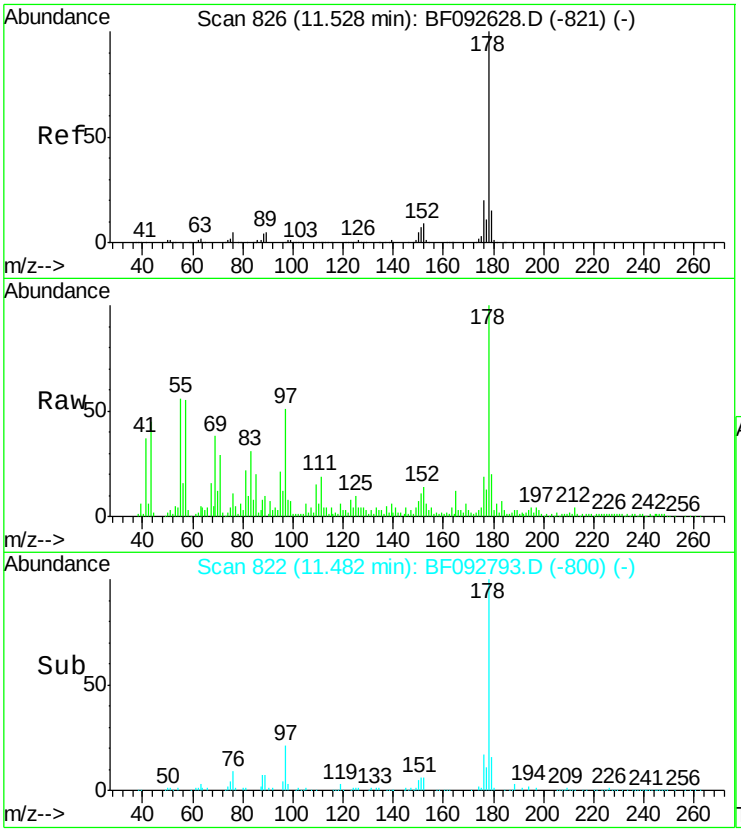


#69
Pentachlorophenol
Concen: 7.29 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.06 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:266 Resp: 215

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.3	79.9#
264	127.8	50.3	75.5#



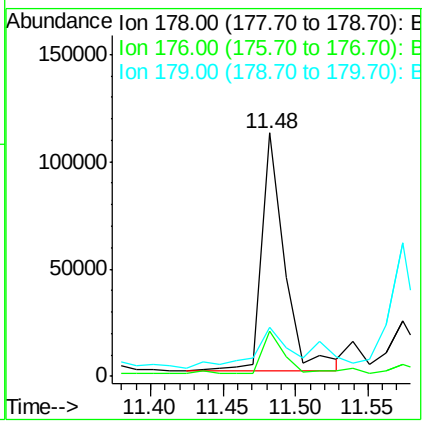


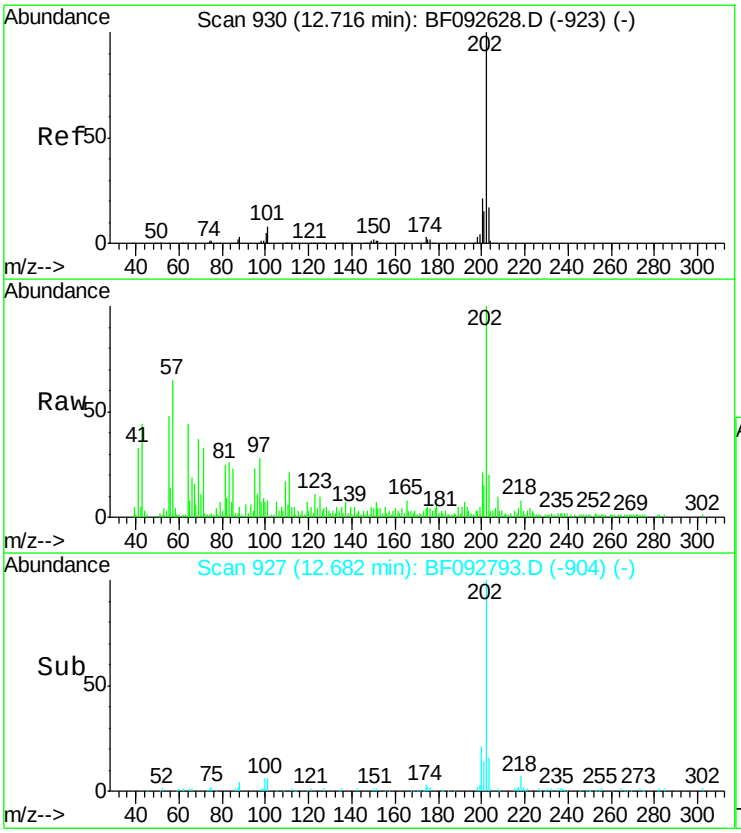
#70
Phenanthrene
Concen: 4.97 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:178 Resp: 123333

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.6	25.0
179	20.1	12.8	19.2#

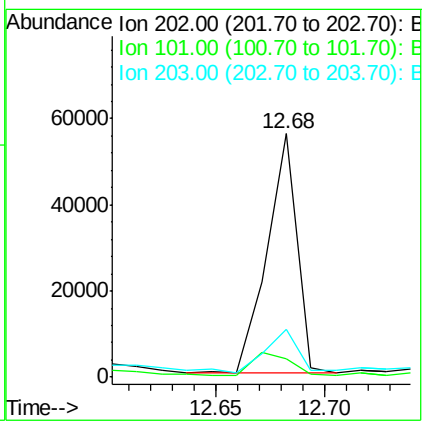


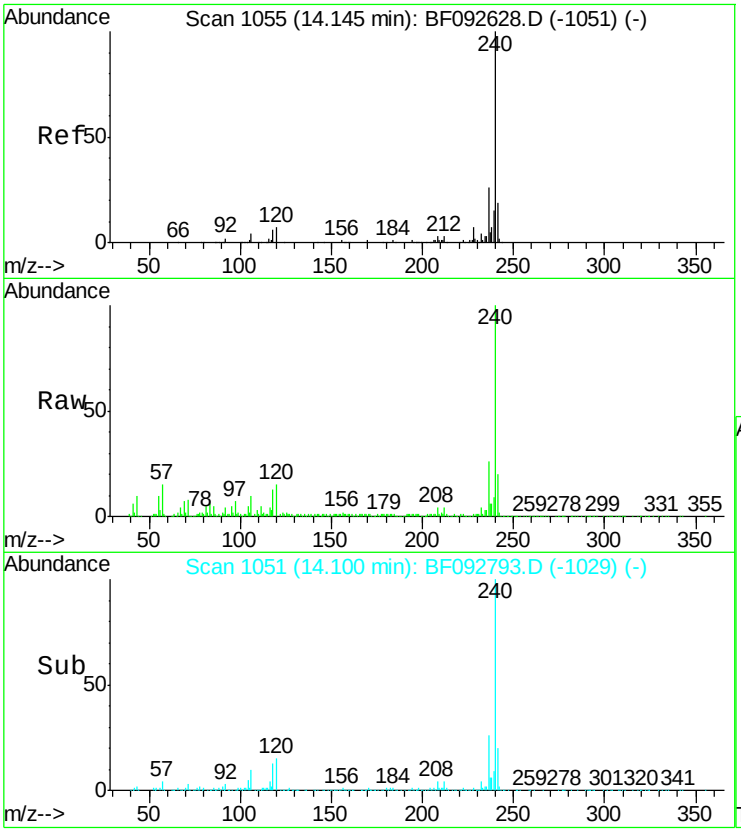


#74
Fluoranthene
Concen: 2.10 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:202 Resp: 53901

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	34.6
203	19.5	0.0	38.7



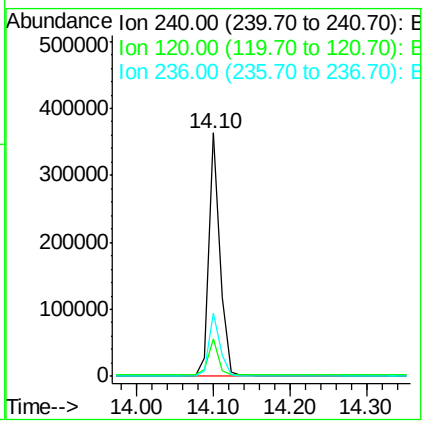


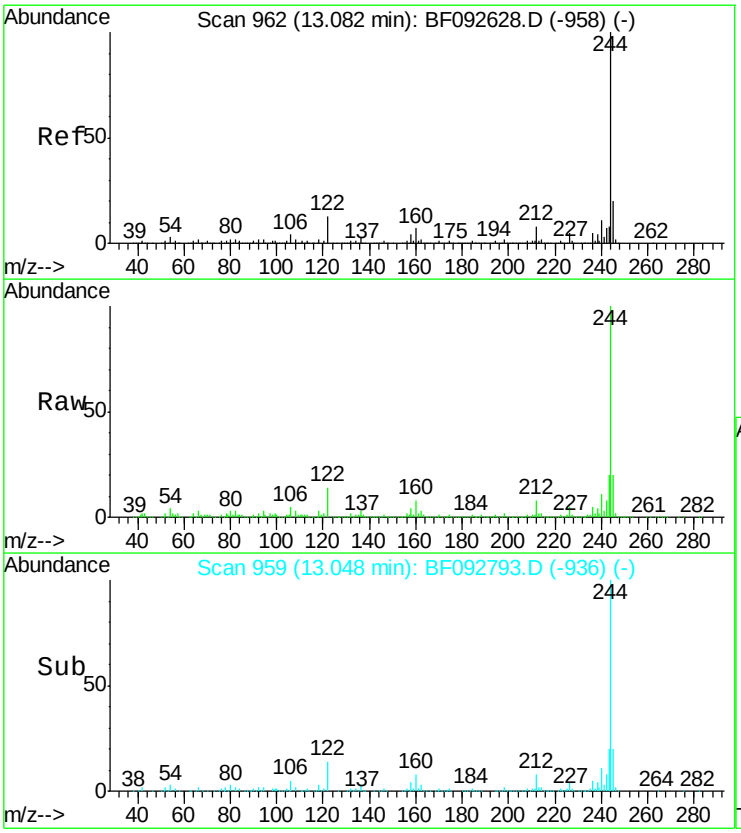
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:240 Resp: 362310

Ion	Ratio	Lower	Upper
240	100		
120	15.4	12.9	19.3
236	25.7	20.9	31.3

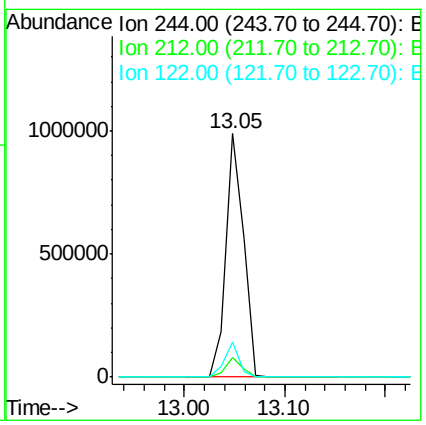


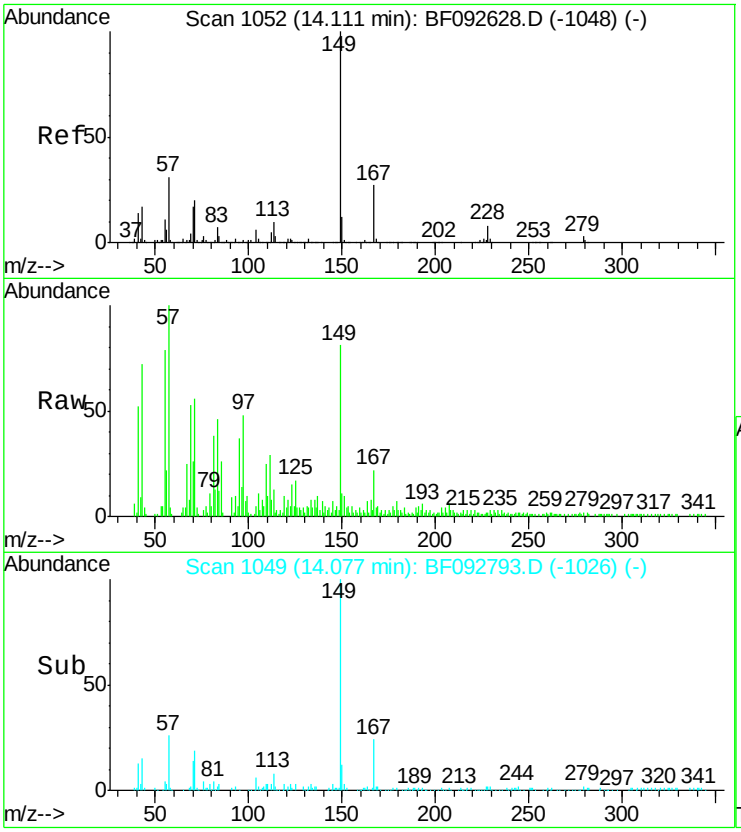


#78
Terphenyl-d14
Concen: 78.19 ng
RT: 13.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:244 Resp: 1205722

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.4	11.4	17.2



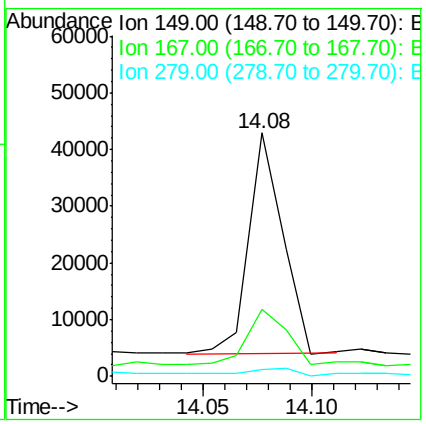


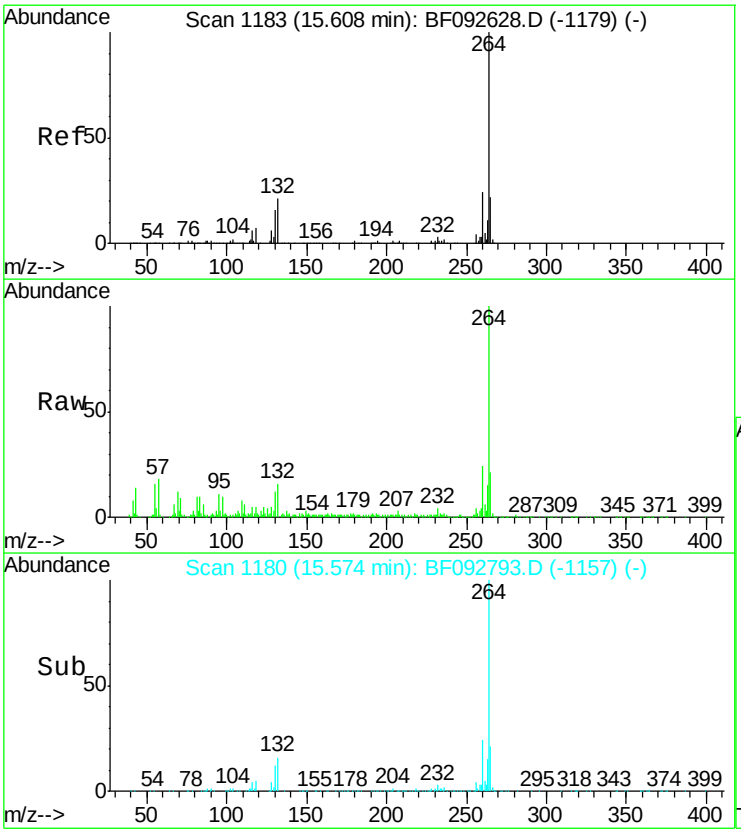
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.82 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Instrument :
BNA_F
ClientSampleId :
N-1A

Tgt Ion:149 Resp: 42485

Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.2	30.4
279	2.9	1.8	2.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF092793.D
Acq: 3 Feb 2017 23:28

Tgt Ion:264 Resp: 310740

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.4	26.0