Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\

Quantitation Report (Not Reviewed)

Data File : BF093122.D
Acq On : 23 Feb 2017 23:33
Operator : SJ/MA
Sample : I1954-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-06(10-15)

Quant Time: Feb 24 00:35:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	163337	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	613869	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	272376	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	428016	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	318767	20.00	ng	-0.02
86) Perylene-d12	15.43	264	297212	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1025828	107.75	ng	-0.01
7) Phenol-d6	6.49	99	1490763	121.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	869405	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	234816	119.20	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1314666	87.44	ng	-0.01
78) Terphenyl-d14	12.95	244	808292	59.58	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.50	94	46075	3.21	ng	# 64
19) n-Nitroso-di-n-propylamine	7.41	70	119561	15.33	ng	# 80
25) Isophorone	7.41	82	646869	31.49	ng	# 65
49) Dimethylphthalate	9.60	163	139685	7.61	ng	97
56) 2,4-Dinitrotoluene	9.88	165	34576	6.55	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	548	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	17079	3.82	ng	# 1
70) Phenanthrene	11.38	178	93400	3.81	ng	96
77) Pyrene	12.80	202	59921	2.51	ng	99

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\

Quantitation Report (Not Reviewed)

Data File : BF093122.D
Acq On : 23 Feb 2017 23:33
Operator : SJ/MA
Sample : I1954-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Quant Time: Feb 24 00:35:38 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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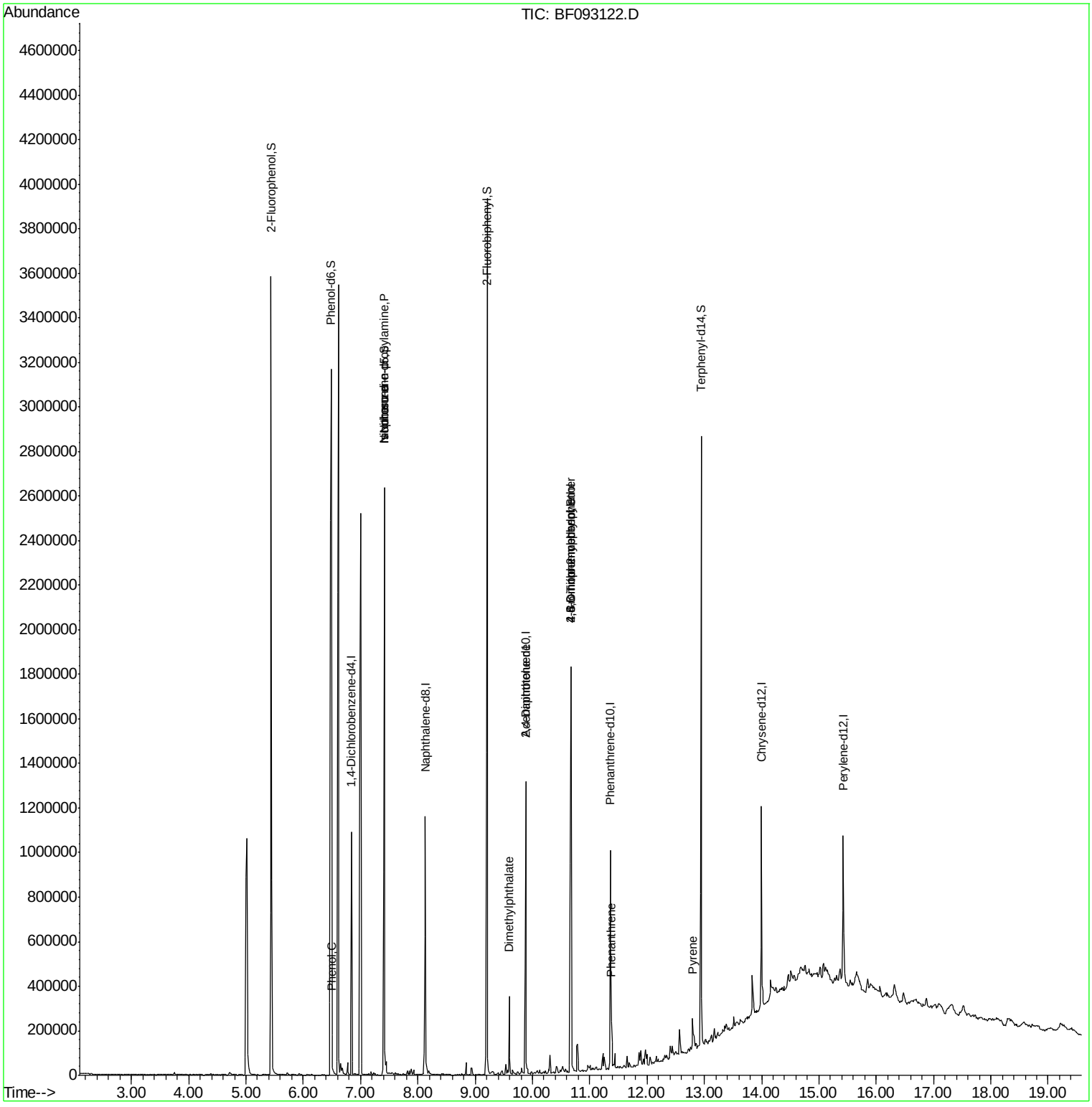
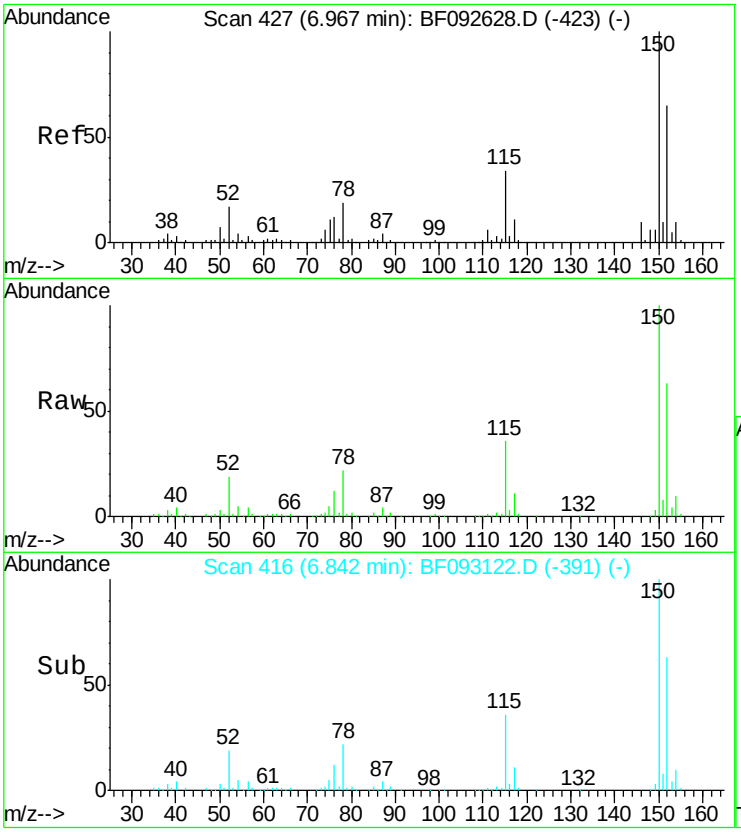


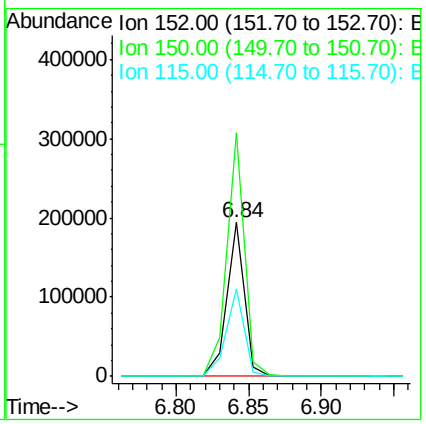


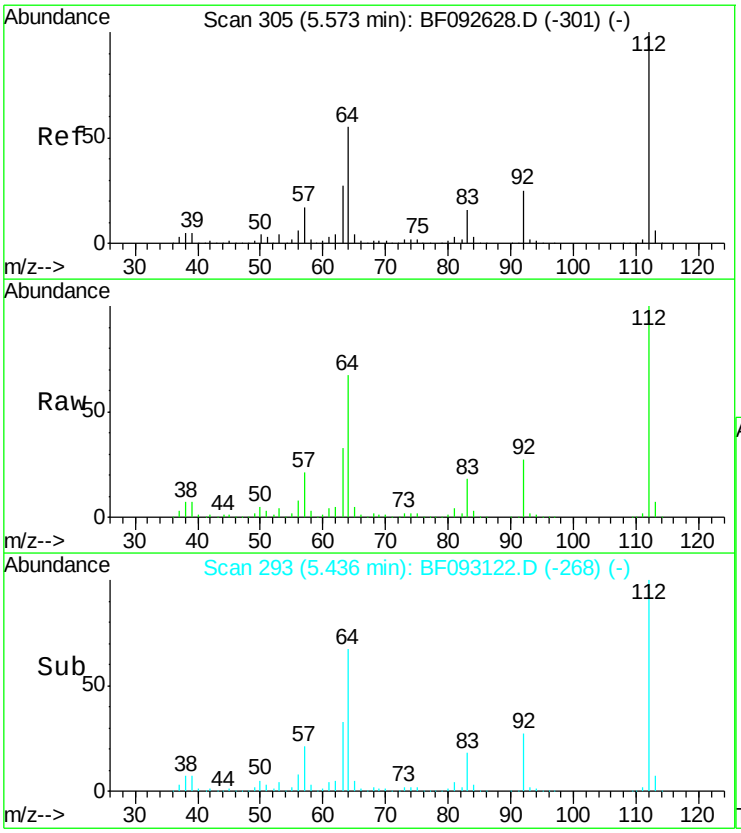
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:152 Resp: 163337

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	56.8	46.0	69.0

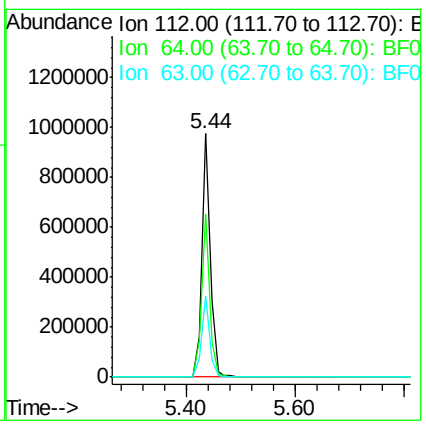


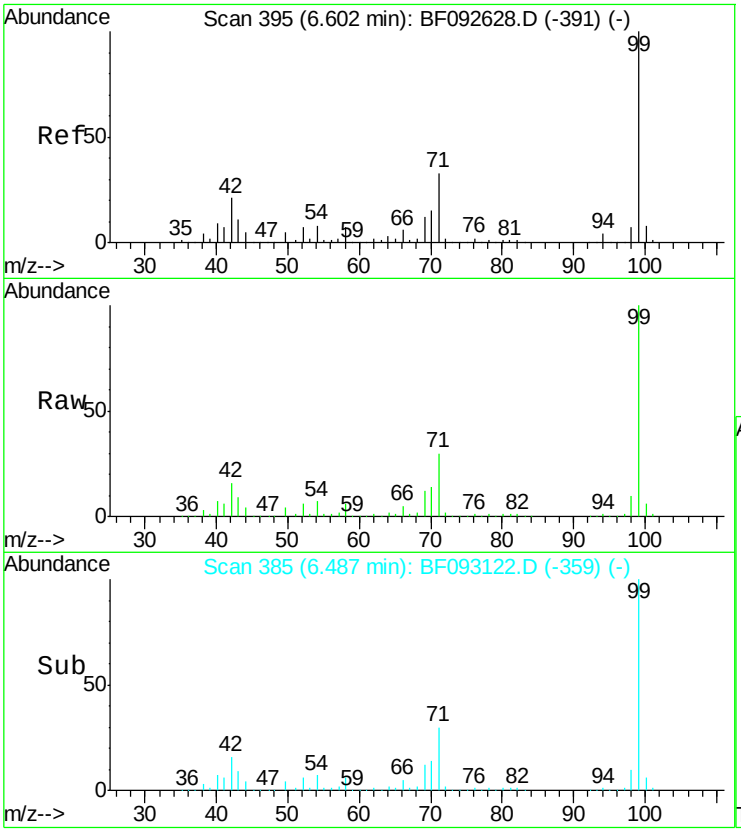


#5
2-Fluorophenol
Concen: 107.75 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:112 Resp: 1025828

Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.1	69.1
63	33.5	23.8	35.6



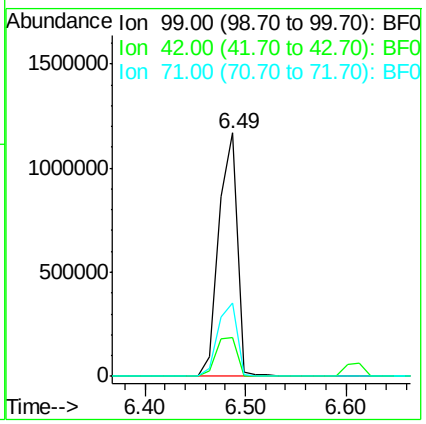


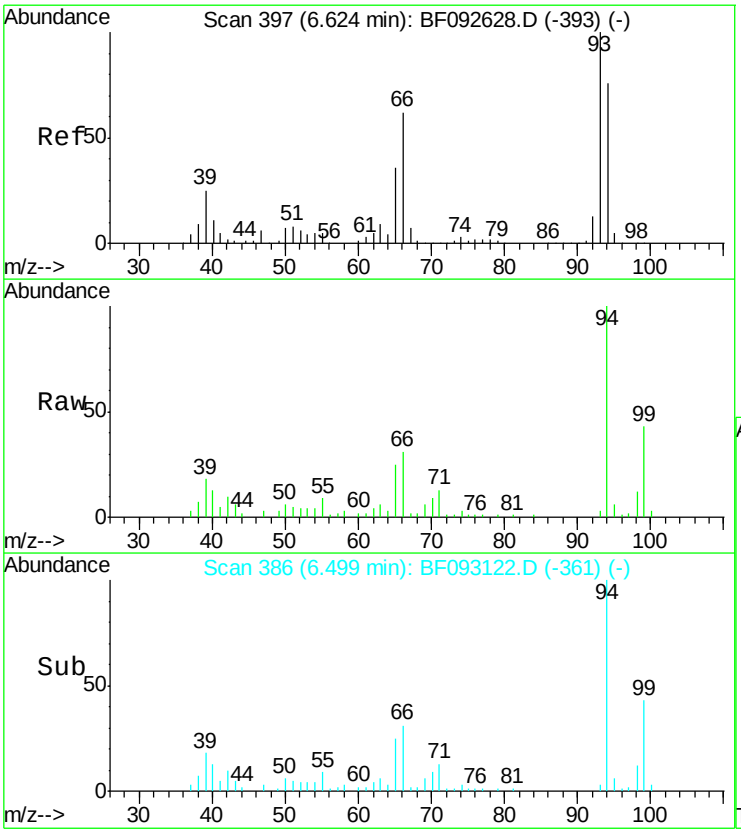
#7
Phenol-d6
Concen: 121.70 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion: 99 Resp: 1490763

Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.6	23.4
71	29.9	27.5	41.3

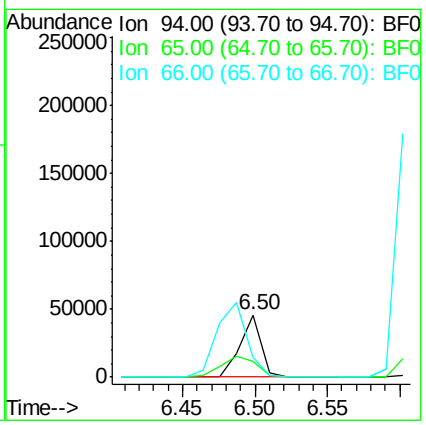


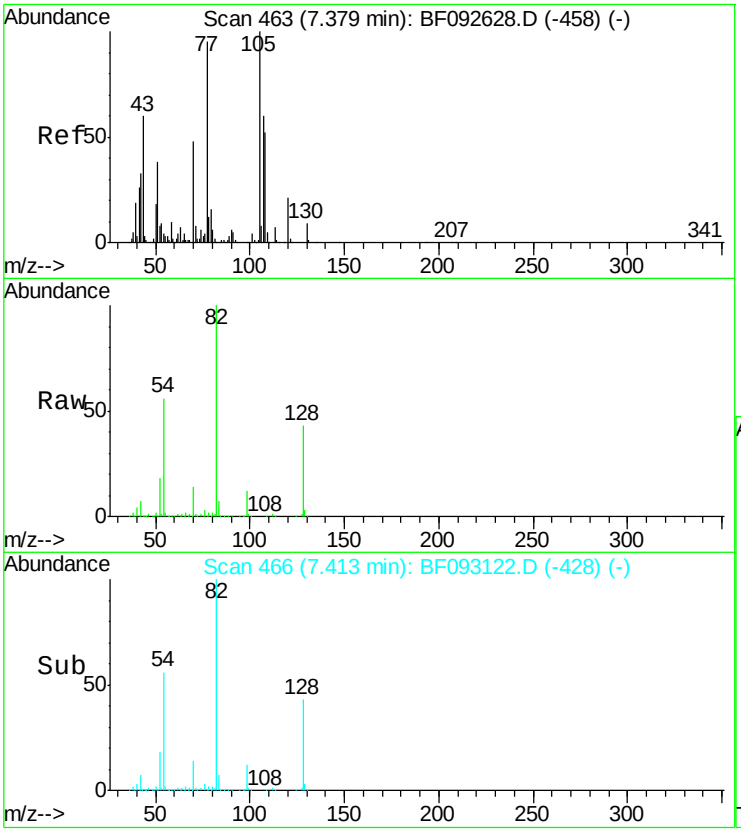


#10
Phenol
Concen: 3.21 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion: 94 Resp: 46075

Ion	Ratio	Lower	Upper
94	100		
65	24.6	21.4	61.4
66	31.5	44.0	84.0#



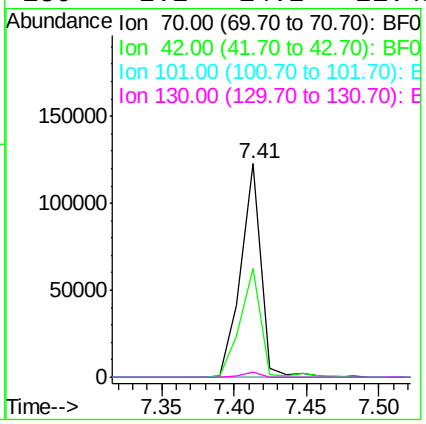


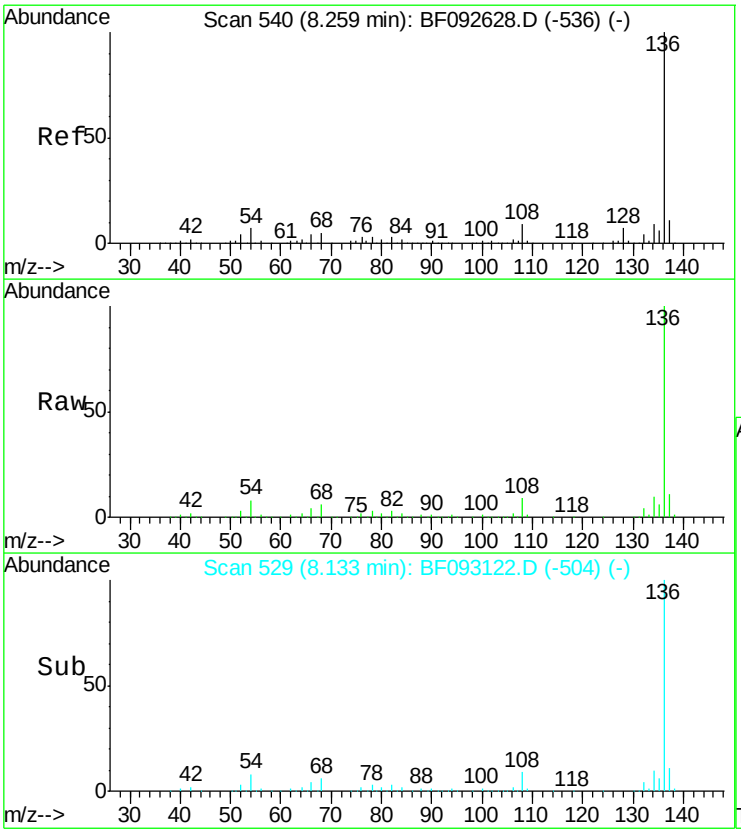
#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion: 70 Resp: 119561

Ion	Ratio	Lower	Upper
70	100		
42	50.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

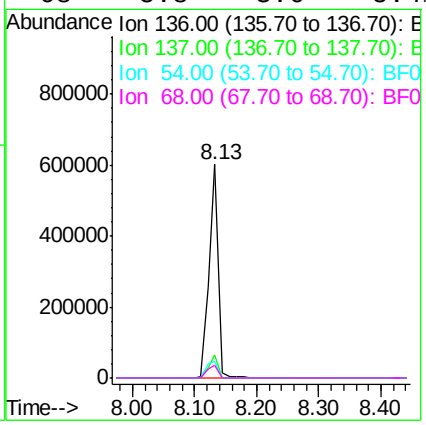


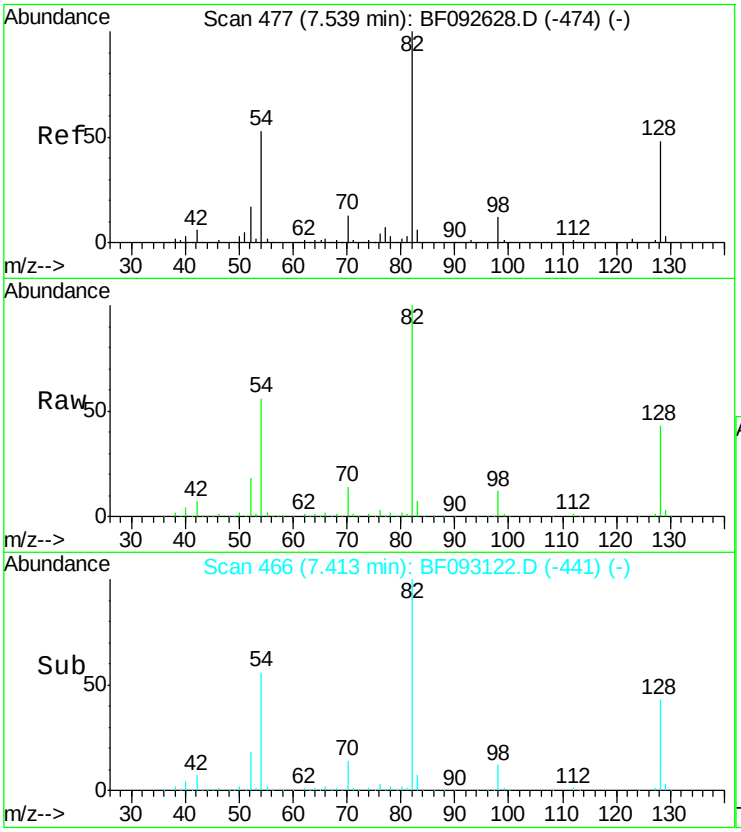


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:136 Resp: 613869

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	4.5	6.7#
68	5.8	3.6	5.4#



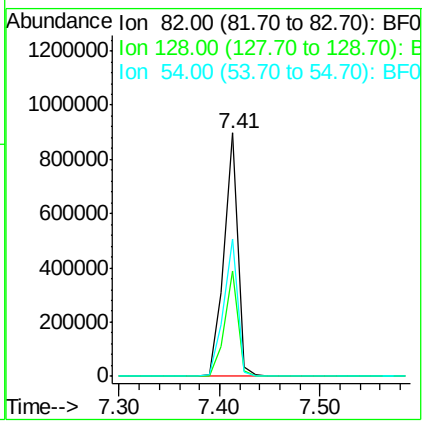


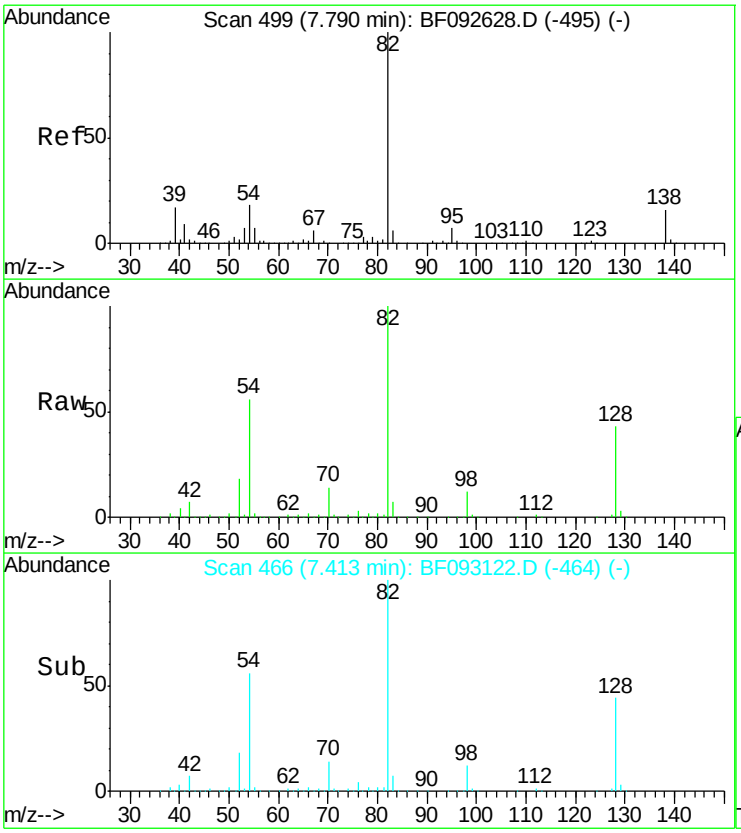
#23
Nitrobenzene-d5
Concen: 78.87 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion: 82 Resp: 869405

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	56.2	39.5	59.3

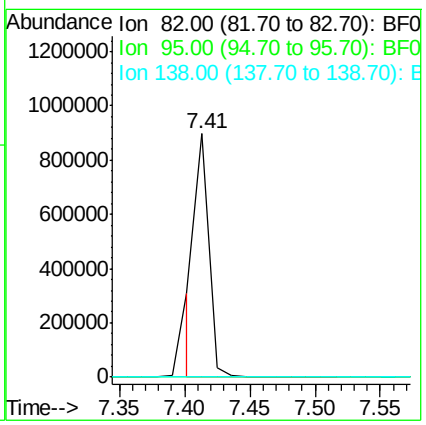


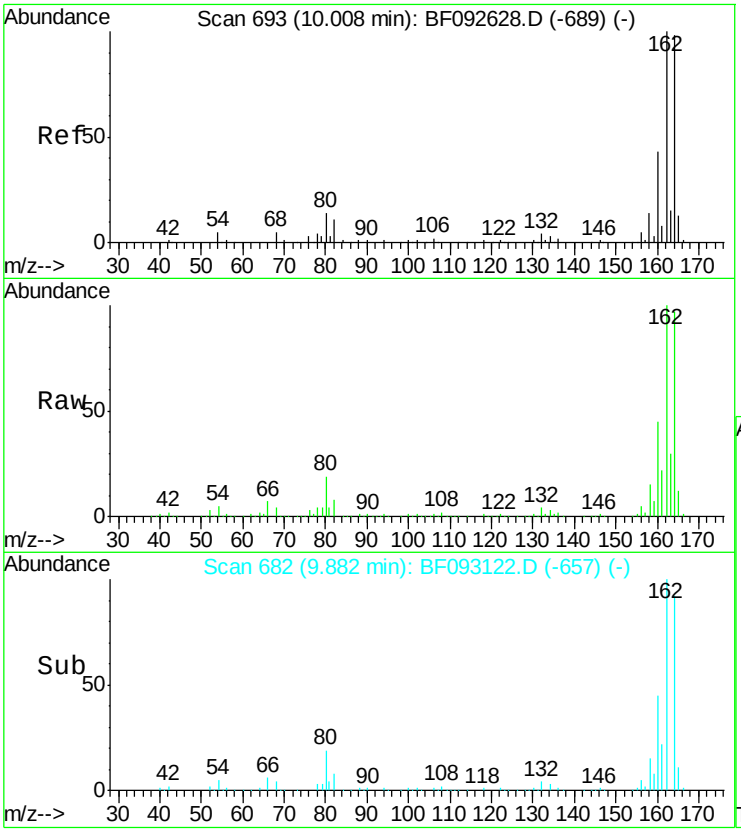


#25
Isophorone
Concen: 31.49 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion: 82 Resp: 646869

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



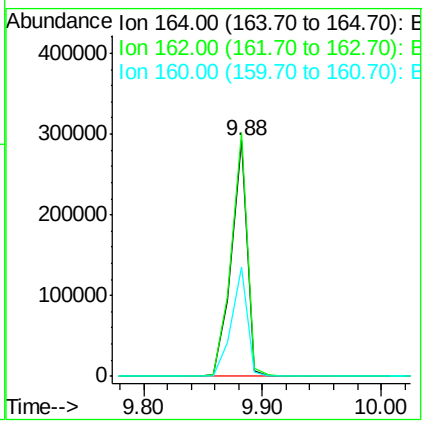


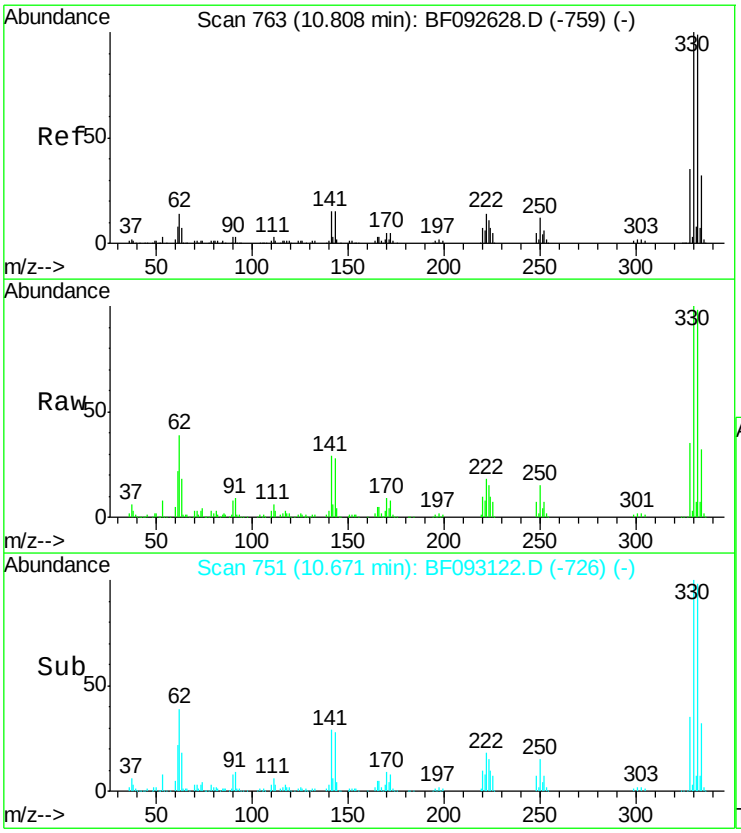
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:164 Resp: 272376

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	46.1	36.9	55.3

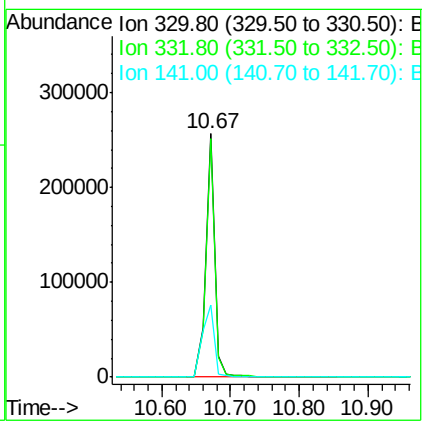


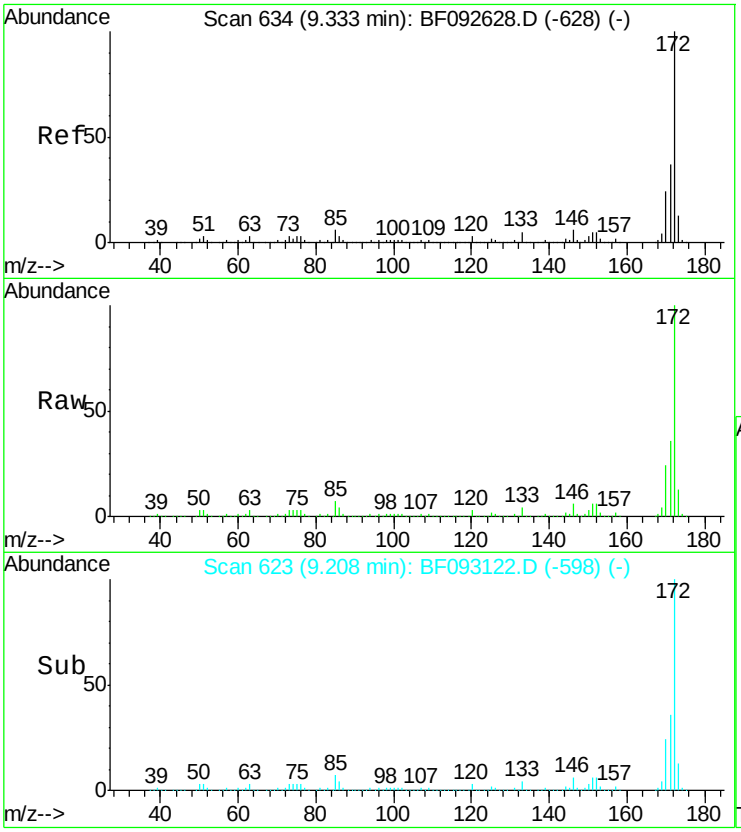


#41
2,4,6-Tribromophenol
Concen: 119.20 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:330 Resp: 234816

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	39.1	34.1	51.1



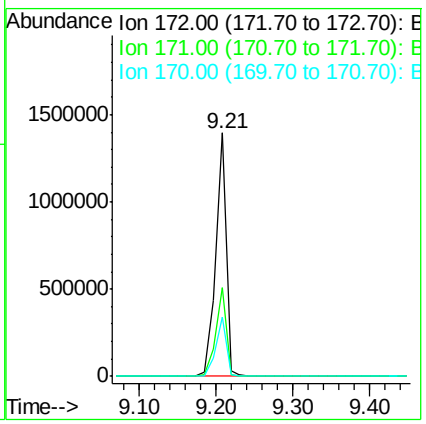


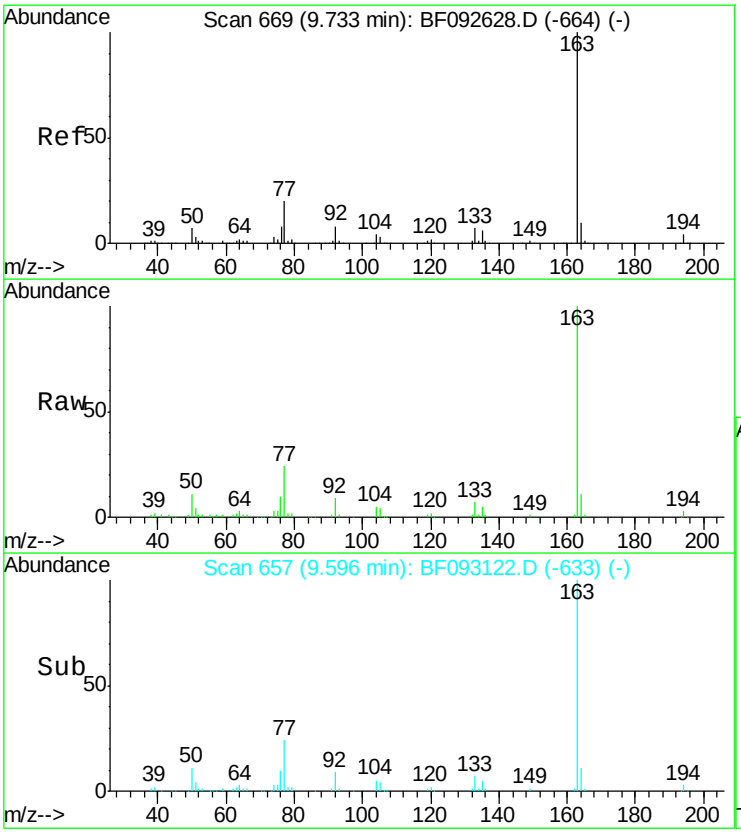
#44
2-Fluorobiphenyl
Concen: 87.44 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:172 Resp: 1314666

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.2	30.4

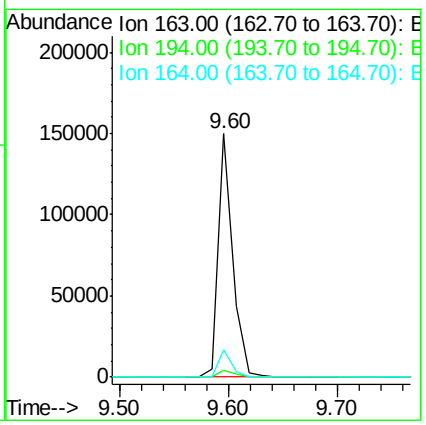


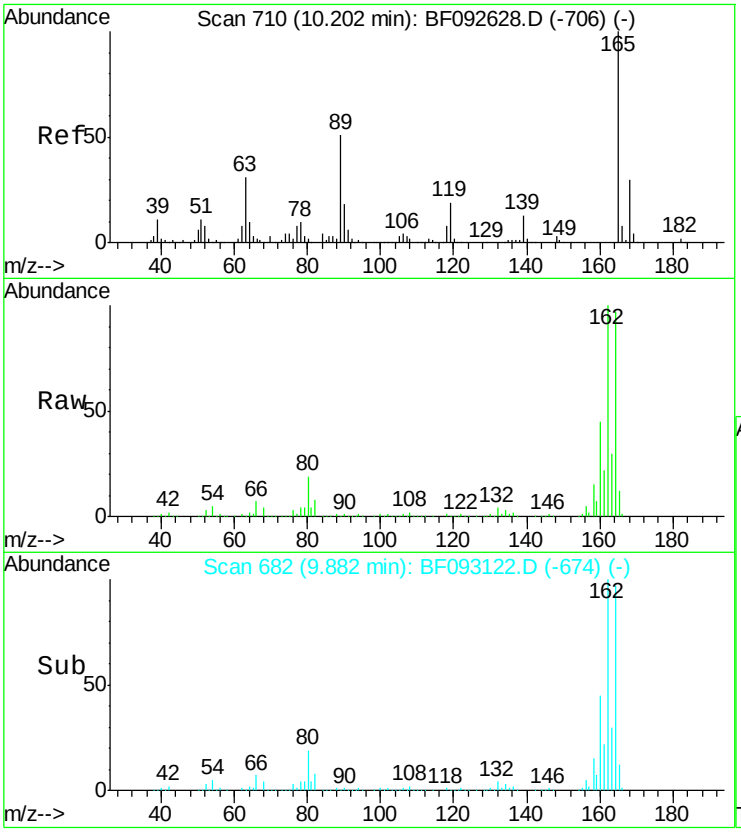


#49
Dimethylphthalate
Concen: 7.61 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:163 Resp: 139685

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	11.1	8.0	12.0



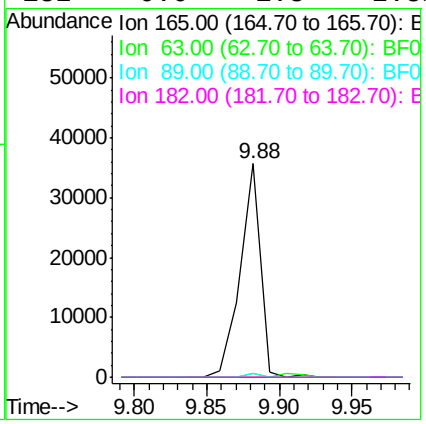


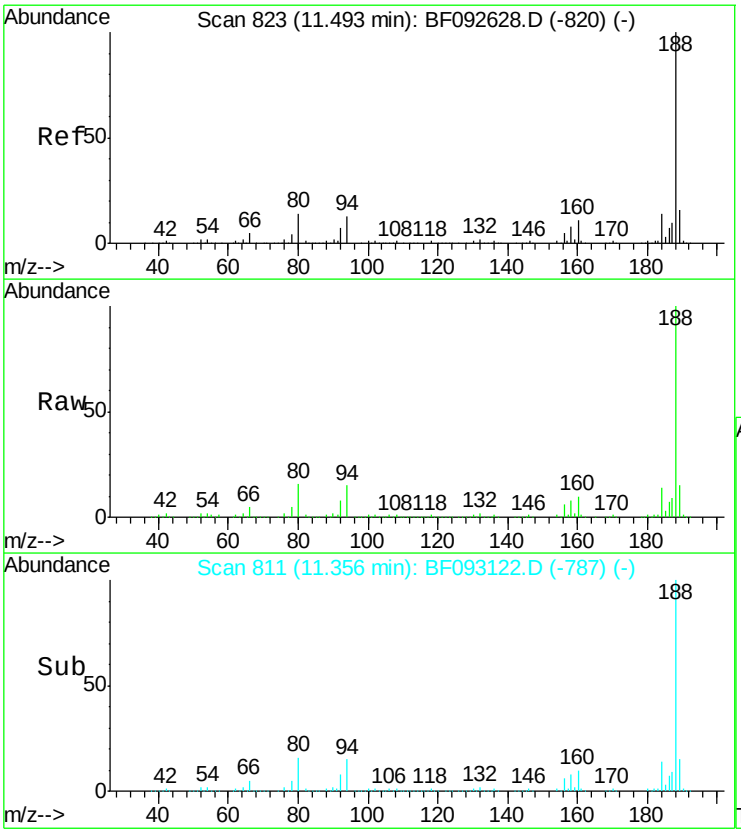
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:165 Resp: 34576

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.9	62.5	93.7#
182	0.0	1.8	2.8#

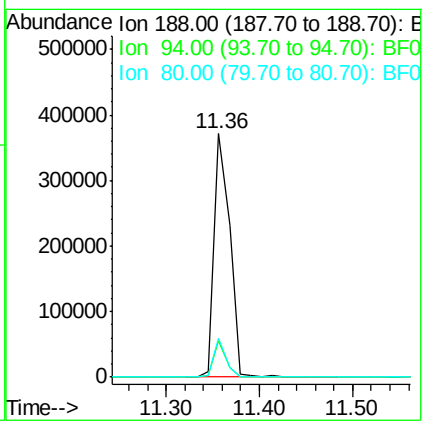


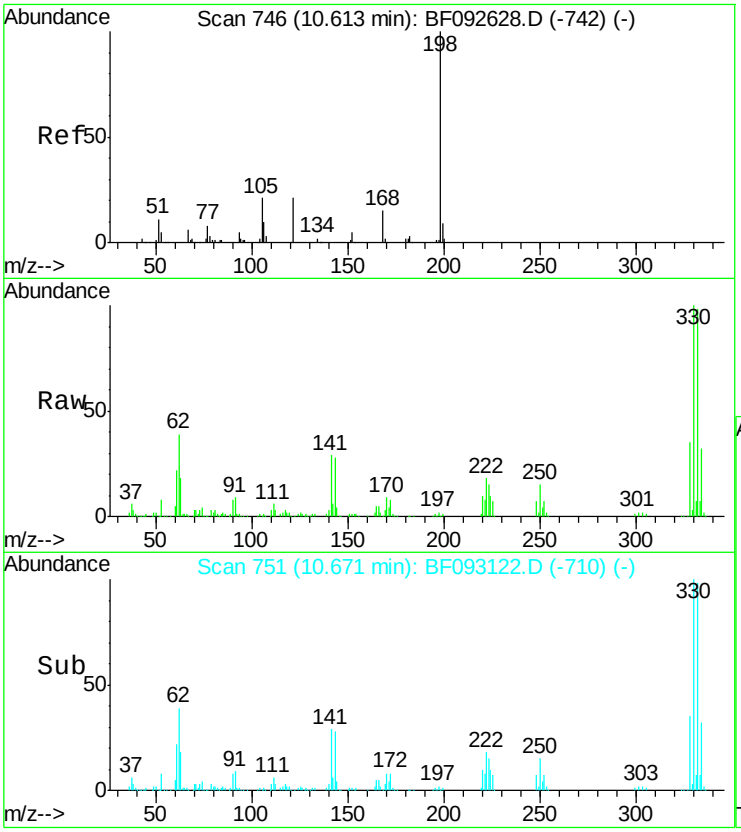


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:188 Resp: 428016

Ion	Ratio	Lower	Upper
188	100		
94	14.9	10.0	15.0
80	15.8	11.2	16.8



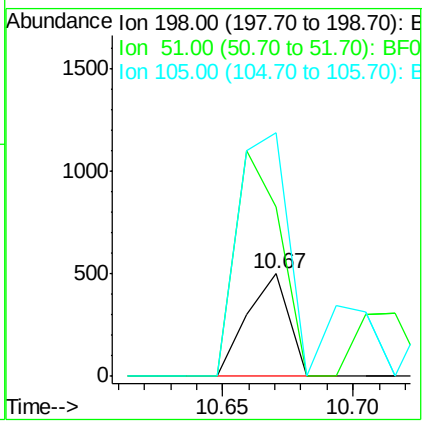


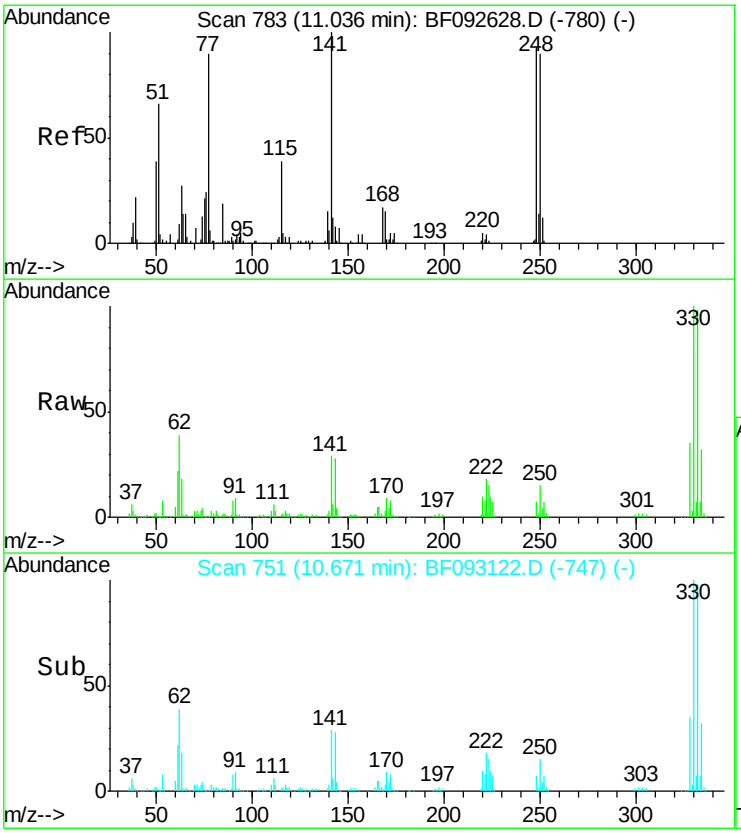
#64
4,6-Dinitro-2-methylphenol
Concen: 2.87 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:198 Resp: 548

Ion	Ratio	Lower	Upper
198	100		
51	165.1	6.7	46.7#
105	238.1	16.6	56.6#

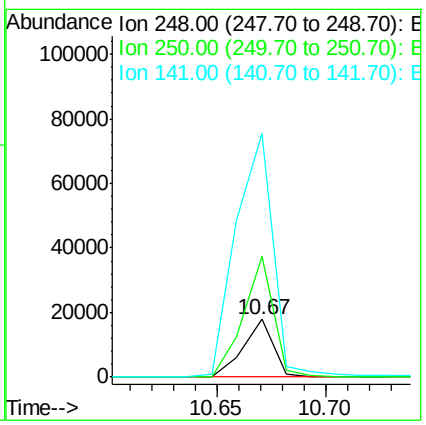


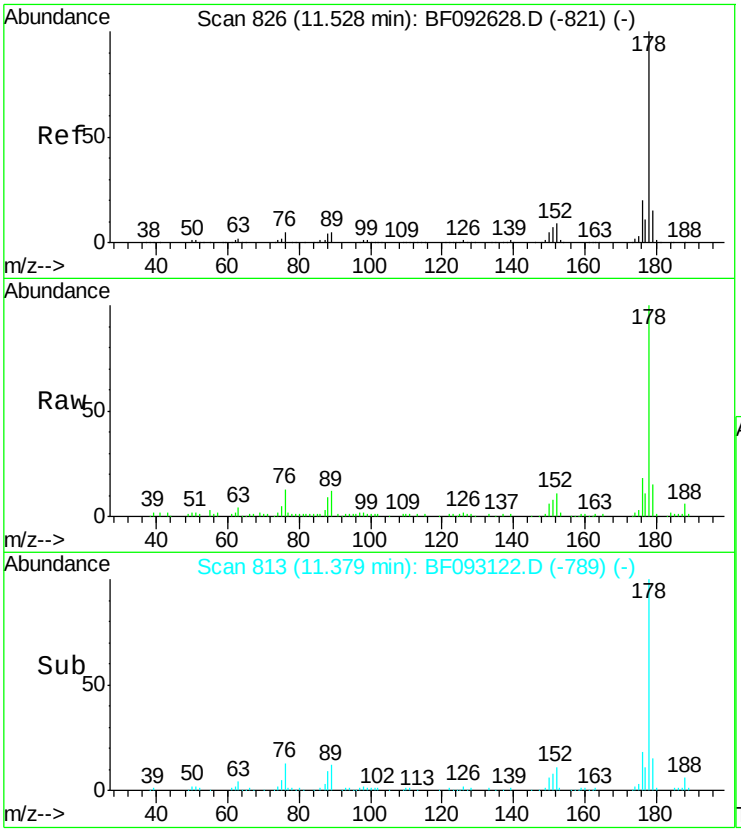


#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:248 Resp: 17079

Ion	Ratio	Lower	Upper
248	100		
250	208.4	76.9	115.3#
141	420.6	68.2	102.4#



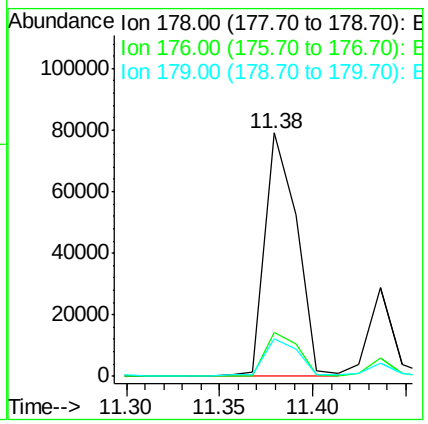


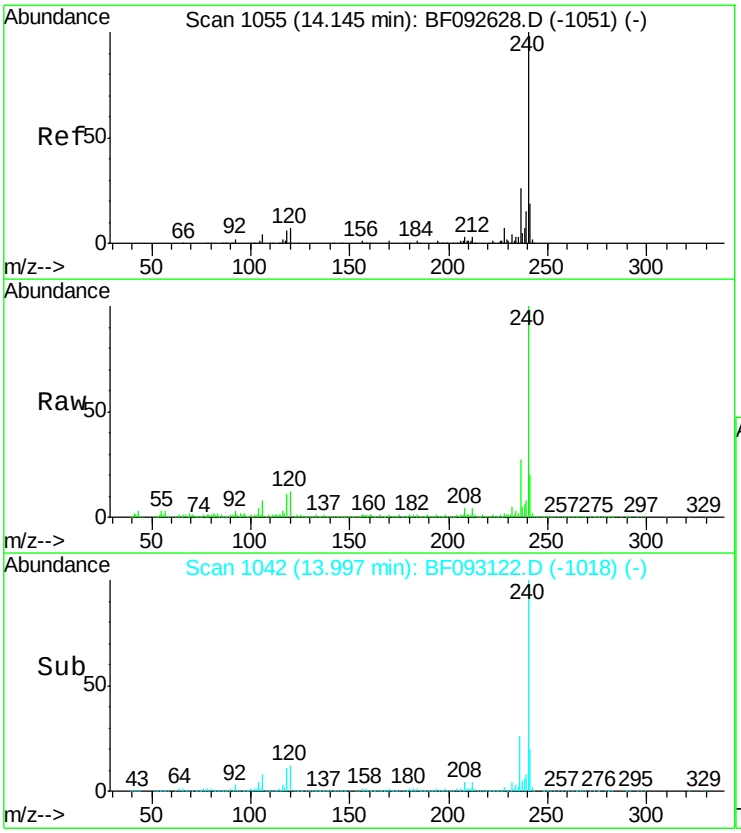
#70
Phenanthrene
Concen: 3.81 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:178 Resp: 93400

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.6	25.0
179	15.2	12.8	19.2

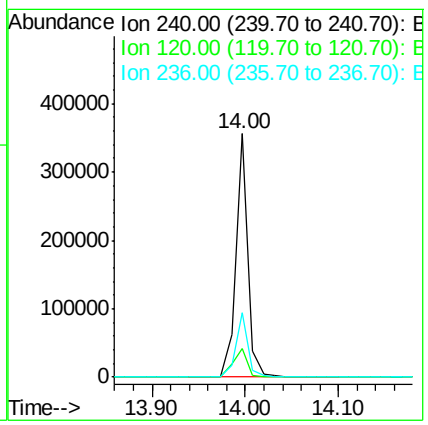


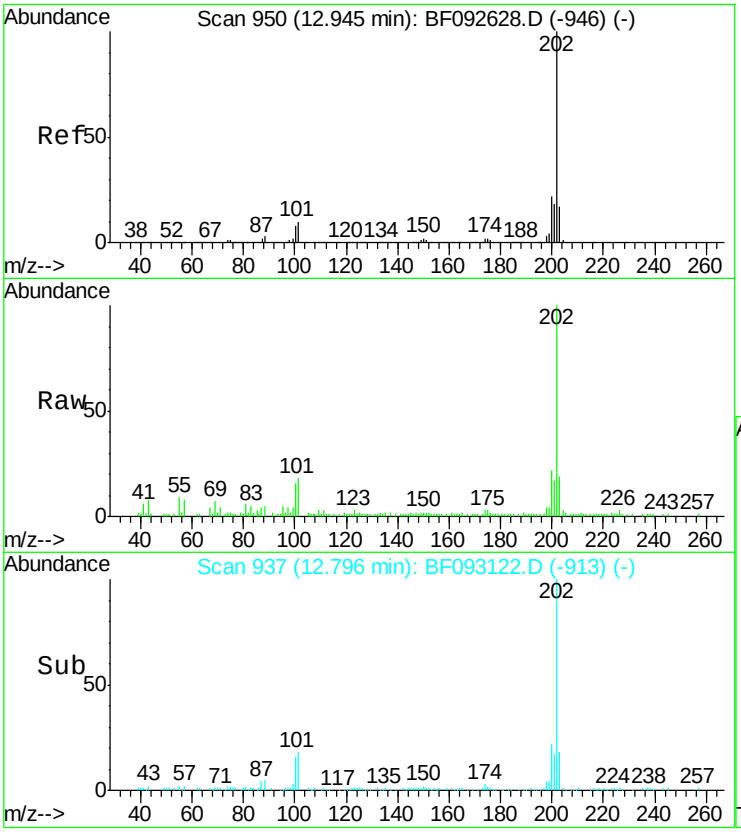


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:240 Resp: 318767

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.9	19.3#
236	26.5	20.9	31.3



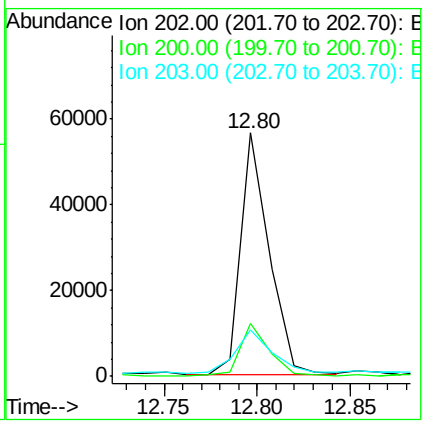


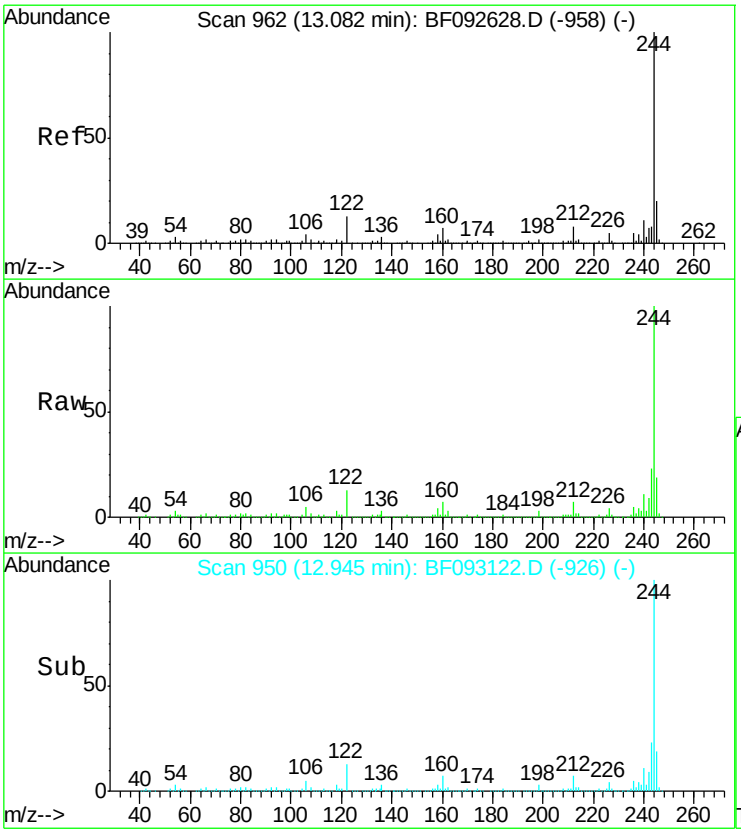
#77
Pyrene
Concen: 2.51 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:202 Resp: 59921

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	19.2	14.7	22.1

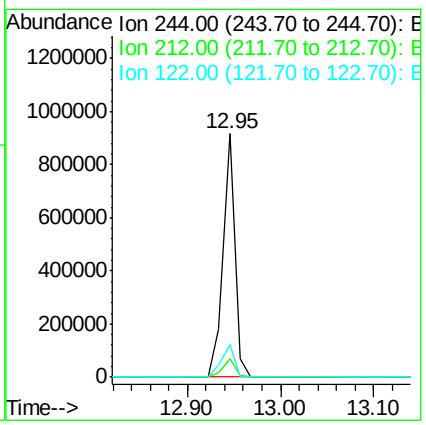


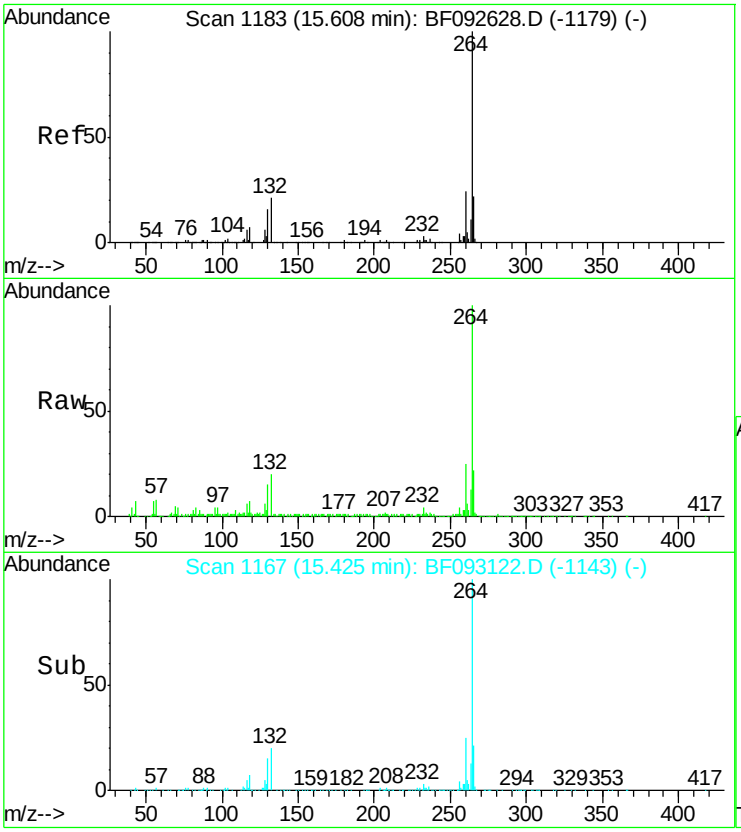


#78
Terphenyl-d14
Concen: 59.58 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:244 Resp: 808292

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tgt Ion:264 Resp: 297212

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.4	26.0