Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092866.D
Acq On : 8 Feb 2017 21:13
Operator : SJ/MA
Sample : I1740-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 020317-PR-E-D-M

Quant Time: Feb 08 23:44:07 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	6.90	152	133612	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	525475	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	278600	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	486398	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	468259	20.00	ng	-0.09
86) Perylene-d12	15.51	264	407930	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	301436	38.71	ng	-0.08
7) Phenol-d6	6.52	99	232017	23.15	ng	-0.08
23) Nitrobenzene-d5	7.46	82	871316	92.34	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	194876	96.71	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1567136	101.91	ng	-0.08
78) Terphenyl-d14	13.00	244	1607271	80.65	ng	-0.08
Target Compounds						Qvalue
10) Phenol	6.54	94	32896	2.81	ng	# 66
19) n-Nitroso-di-n-propylamine	7.46	70	111975	17.55	ng	# 84
25) Isophorone	7.46	82	871057	49.54	ng	# 65
50) 2,6-Dinitrotoluene	9.93	165	35314	8.71	ng	# 31
56) 2,4-Dinitrotoluene	9.93	165	35316	6.55	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.72	198	372	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13674	2.69	ng	# 1

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

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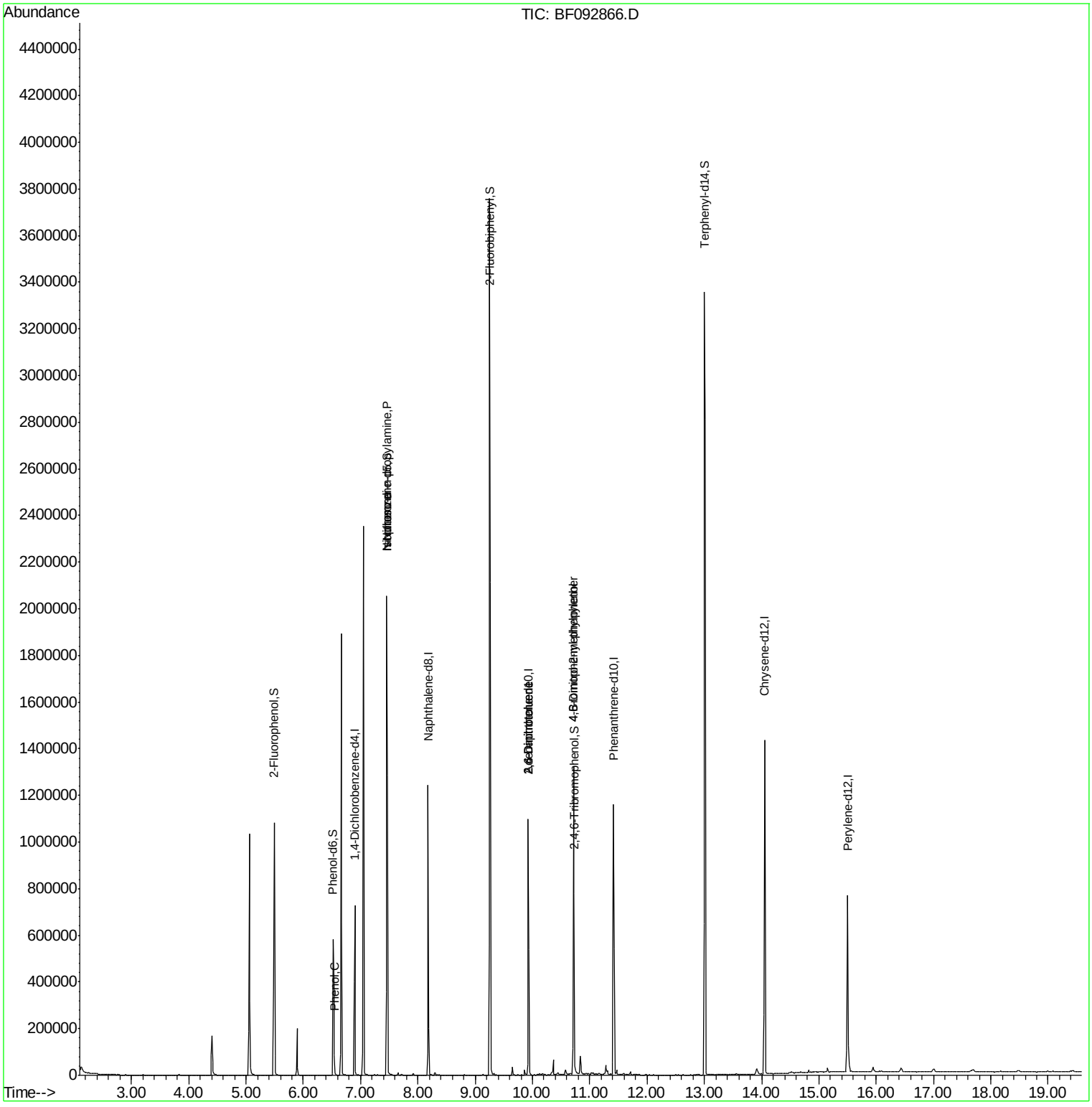
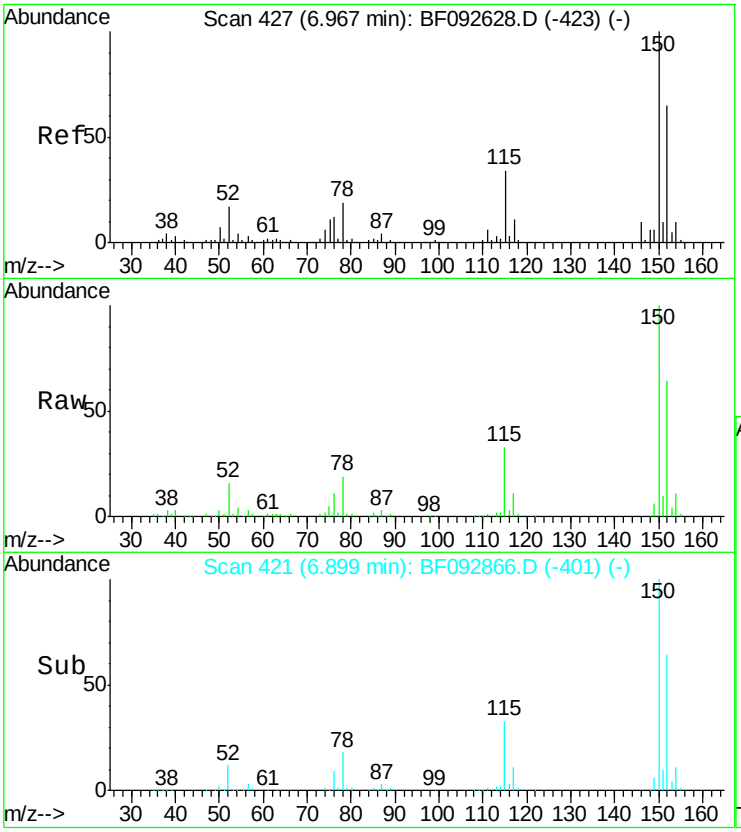


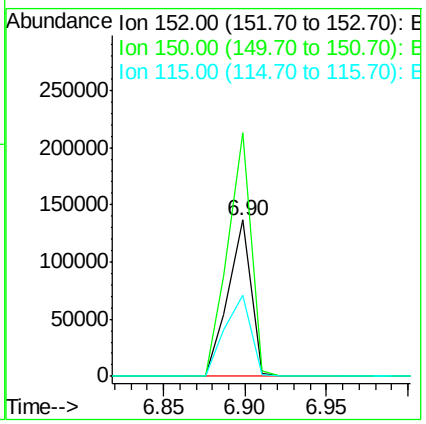


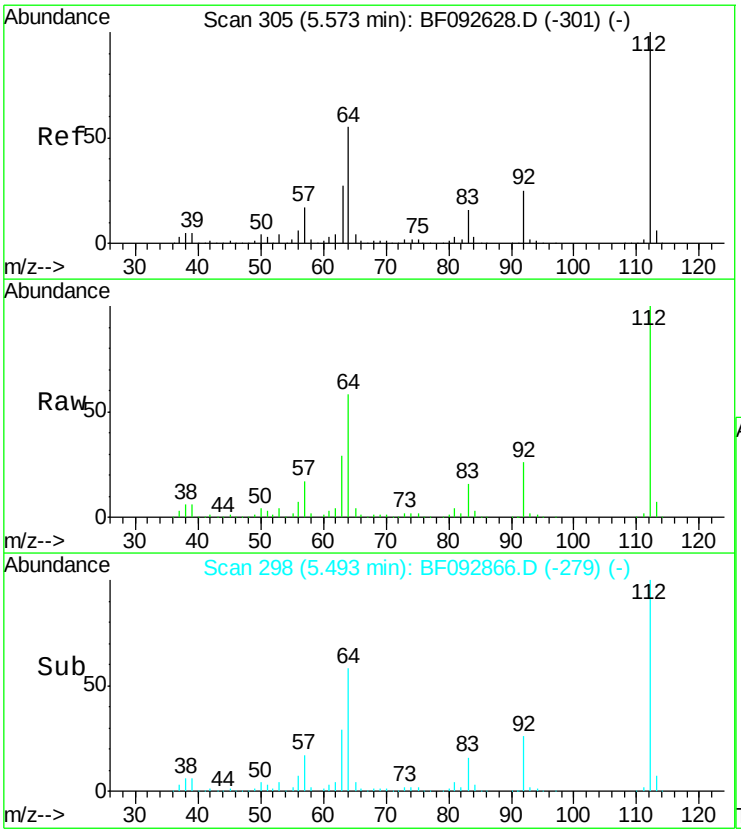
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:152 Resp: 133612

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	52.0	46.0	69.0

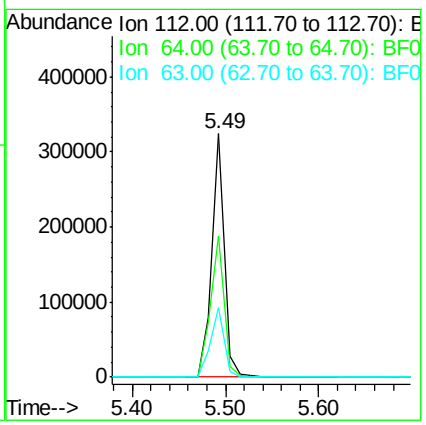


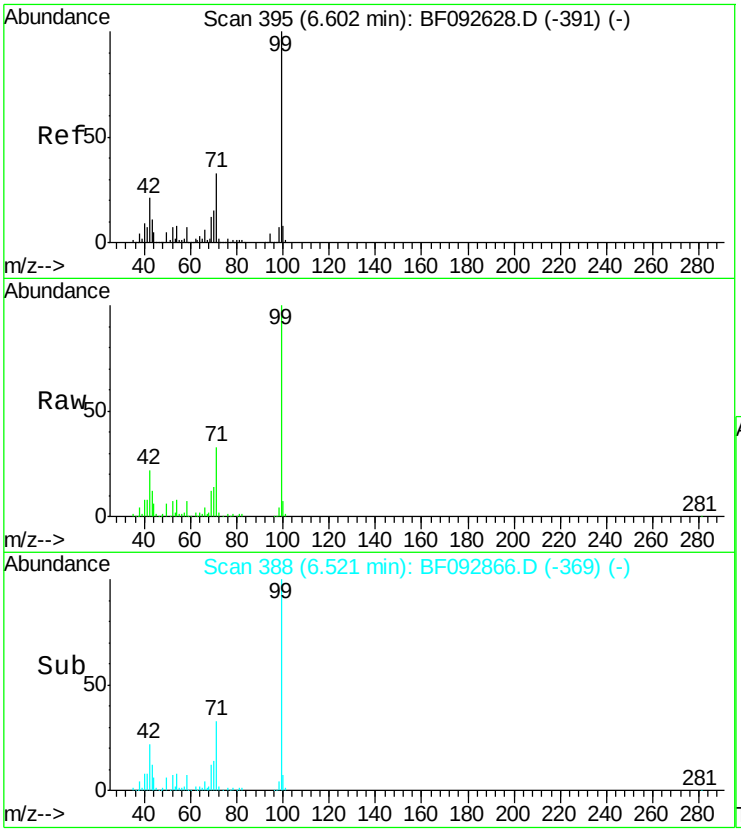


#5
2-Fluorophenol
Concen: 38.71 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:112 Resp: 301436

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.1	69.1
63	28.7	23.8	35.6



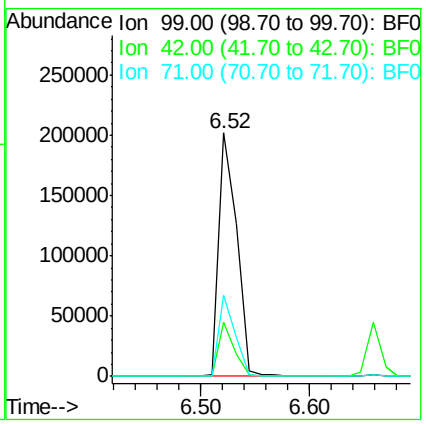


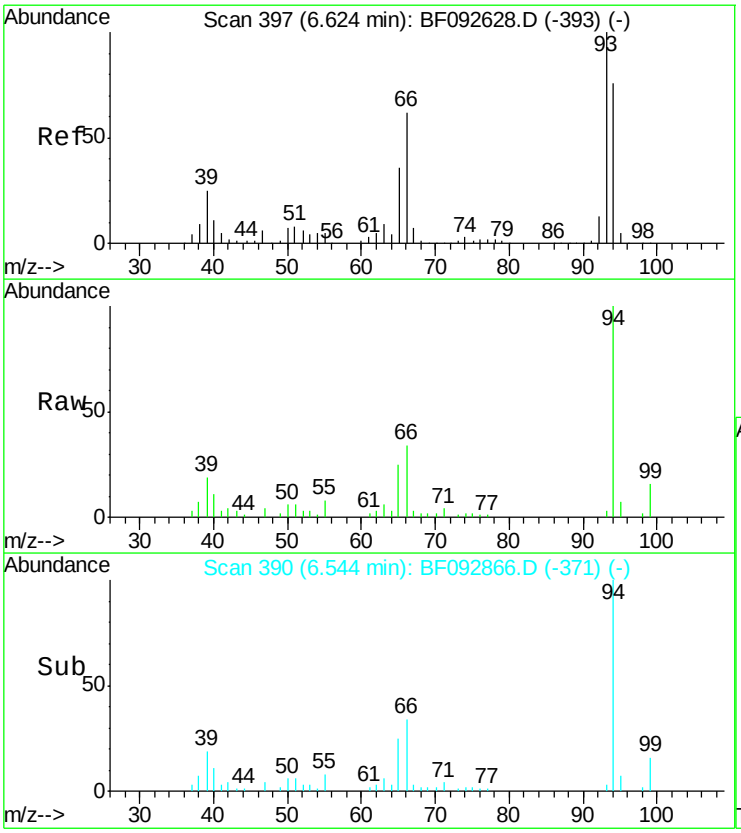
#7
Phenol-d6
Concen: 23.15 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion: 99 Resp: 232017

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.6	23.4
71	33.2	27.5	41.3

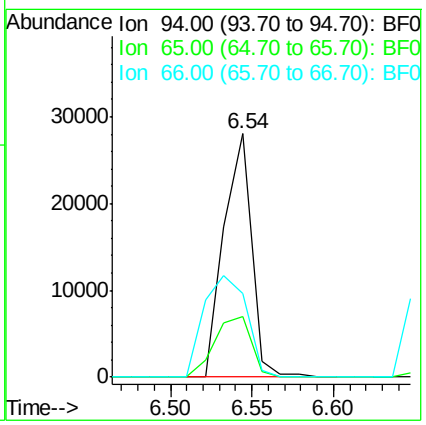


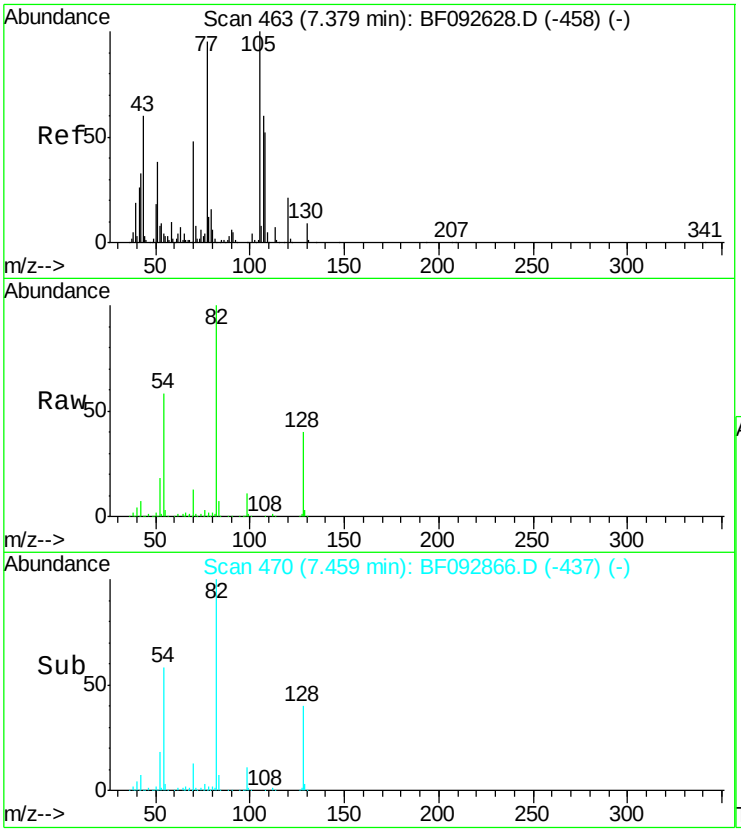


#10
Phenol
Concen: 2.81 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion: 94 Resp: 32896

Ion	Ratio	Lower	Upper
94	100		
65	24.7	21.4	61.4
66	34.3	44.0	84.0#



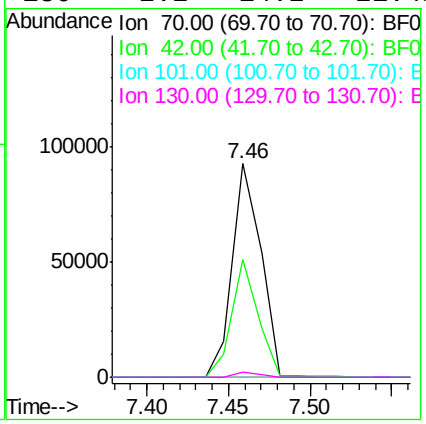


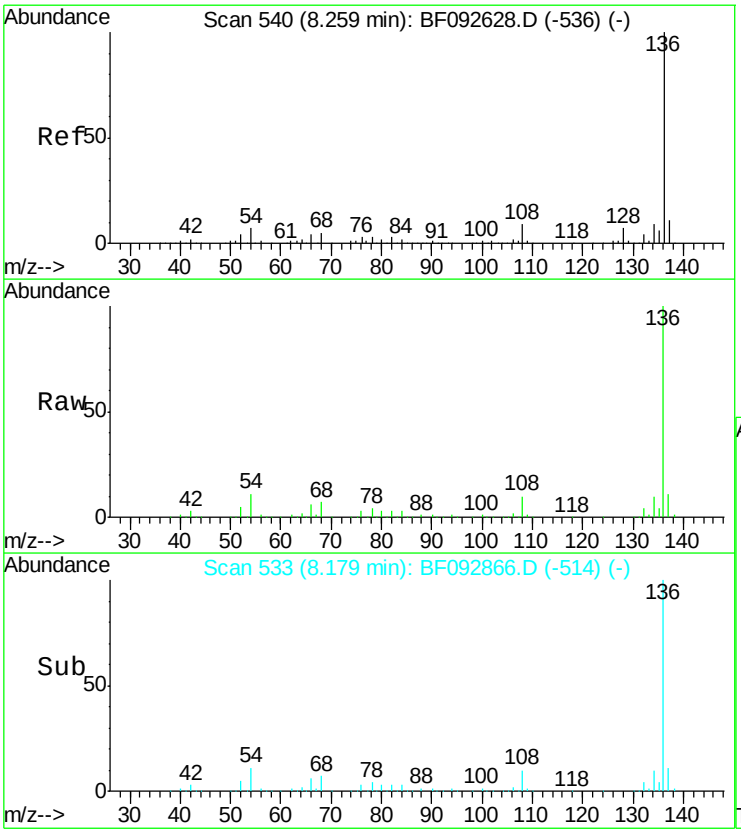
#19
n-Nitroso-di-n-propylamine
Concen: 17.55 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion: 70 Resp: 111975

Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

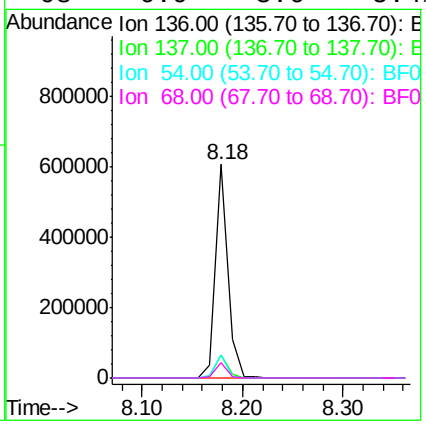


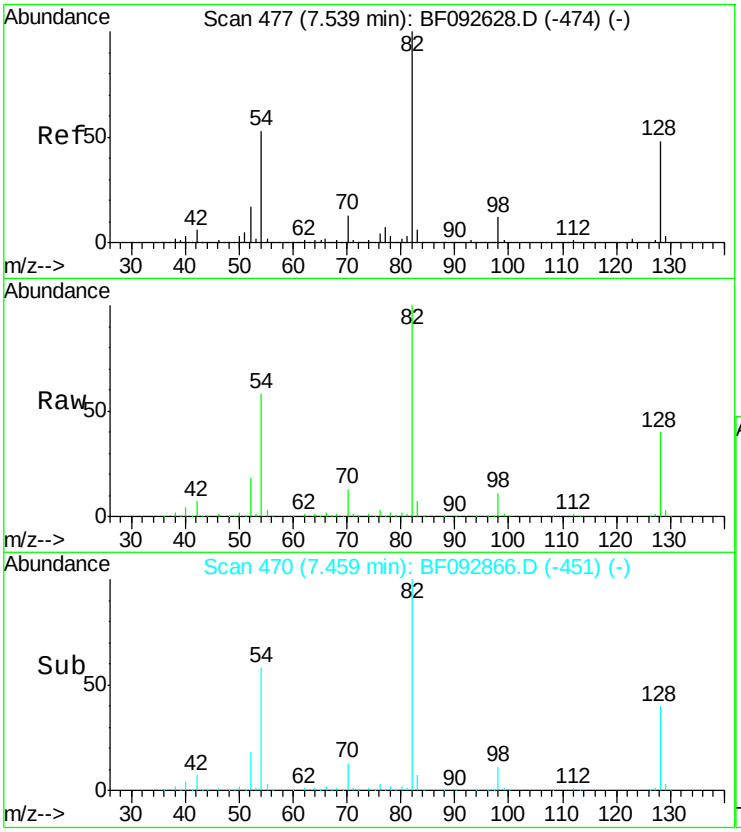


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:136 Resp: 525475

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.5	4.5	6.7#
68	6.9	3.6	5.4#



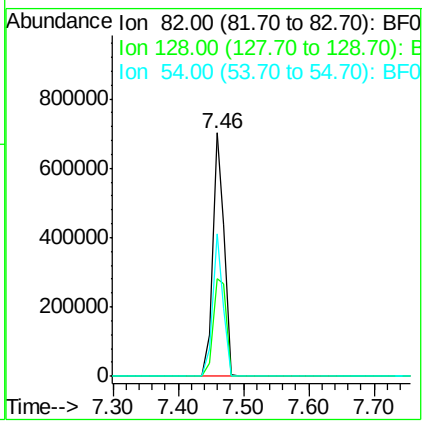


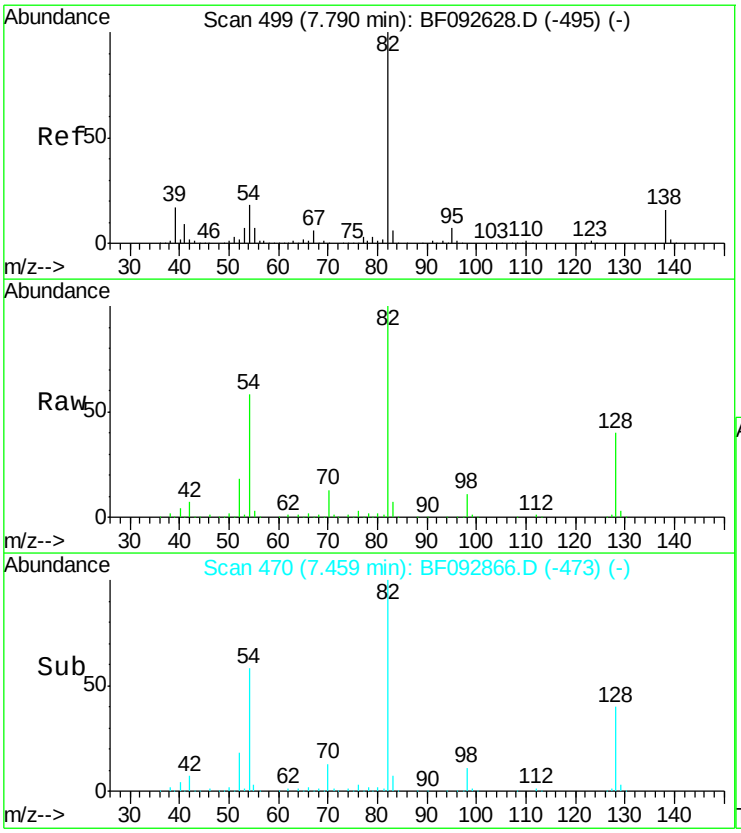
#23
Nitrobenzene-d5
Concen: 92.34 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion: 82 Resp: 871316

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.3	39.5	59.3

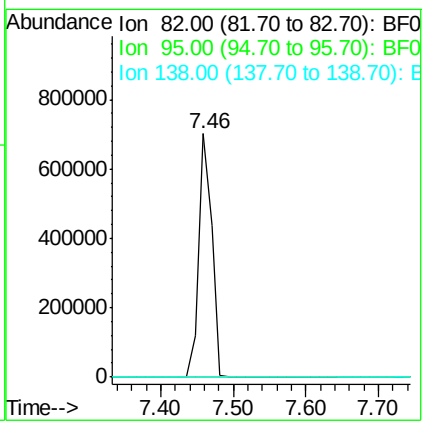


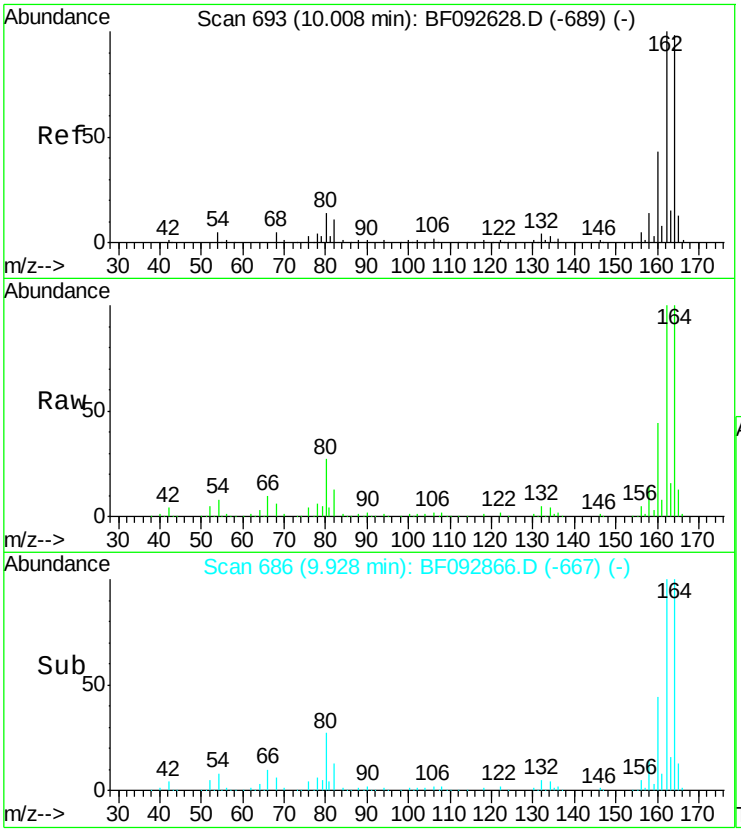


#25
Isophorone
Concen: 49.54 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion: 82 Resp: 871057

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



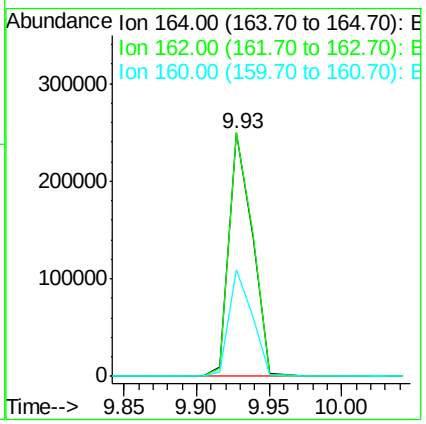


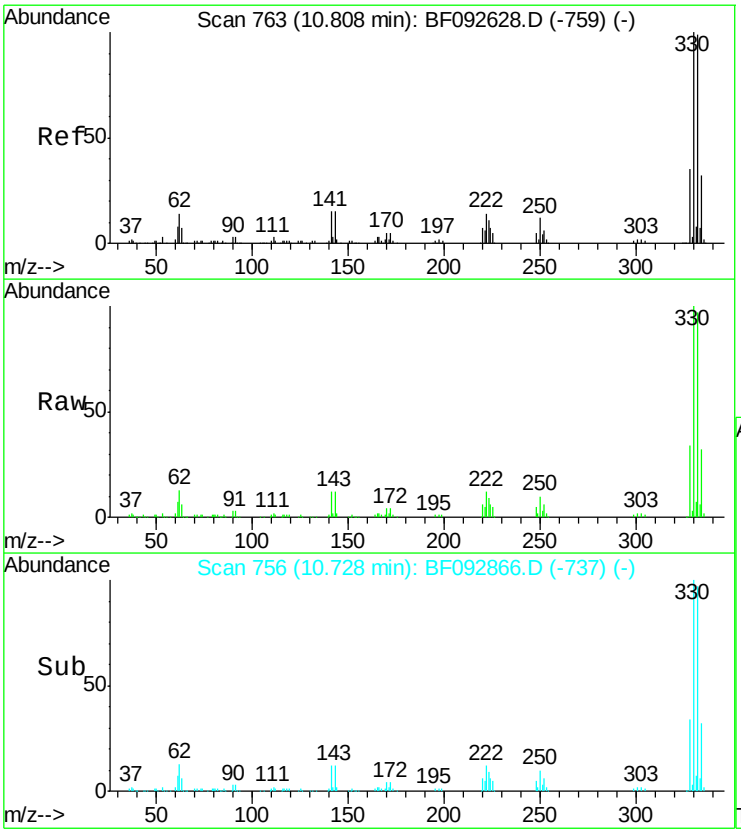
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:164 Resp: 278600

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	44.0	36.9	55.3

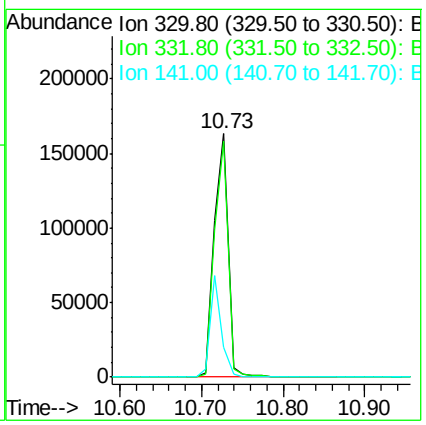


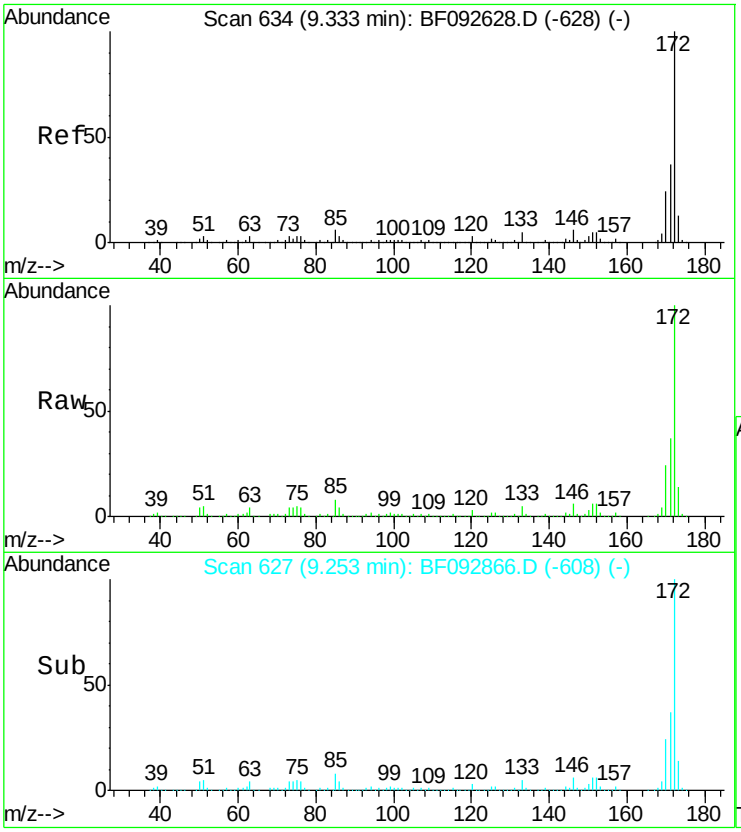


#41
2,4,6-Tribromophenol
Concen: 96.71 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:330 Resp: 194876

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	34.2	34.1	51.1



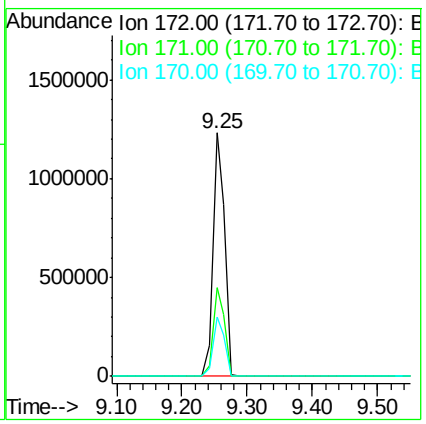


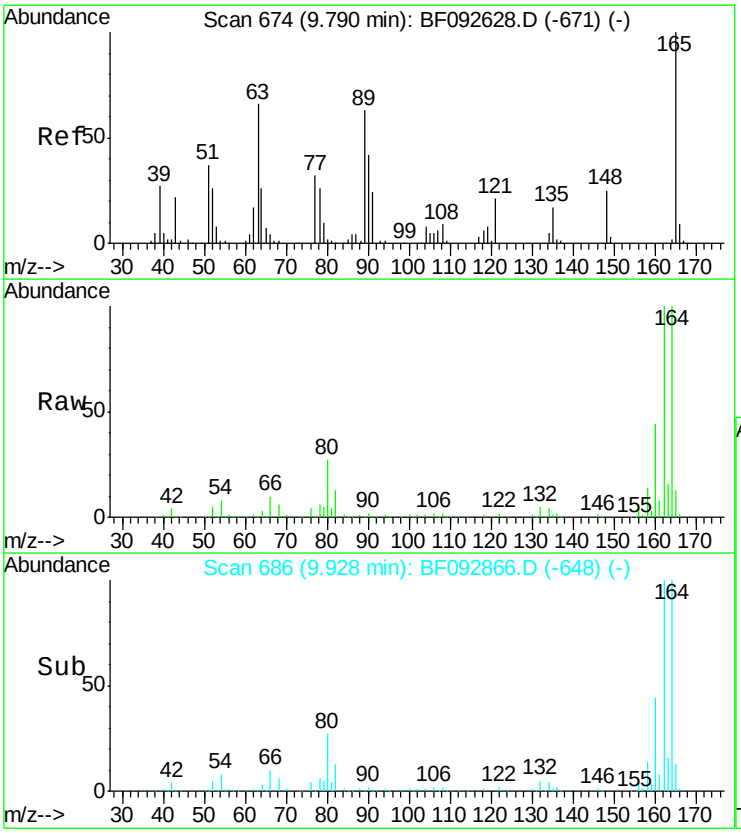
#44
2-Fluorobiphenyl
Concen: 101.91 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:172 Resp: 1567136

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.1	20.2	30.4

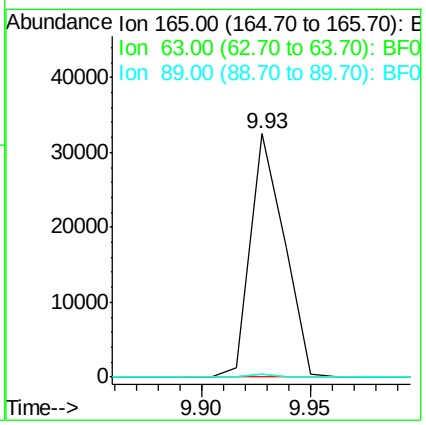


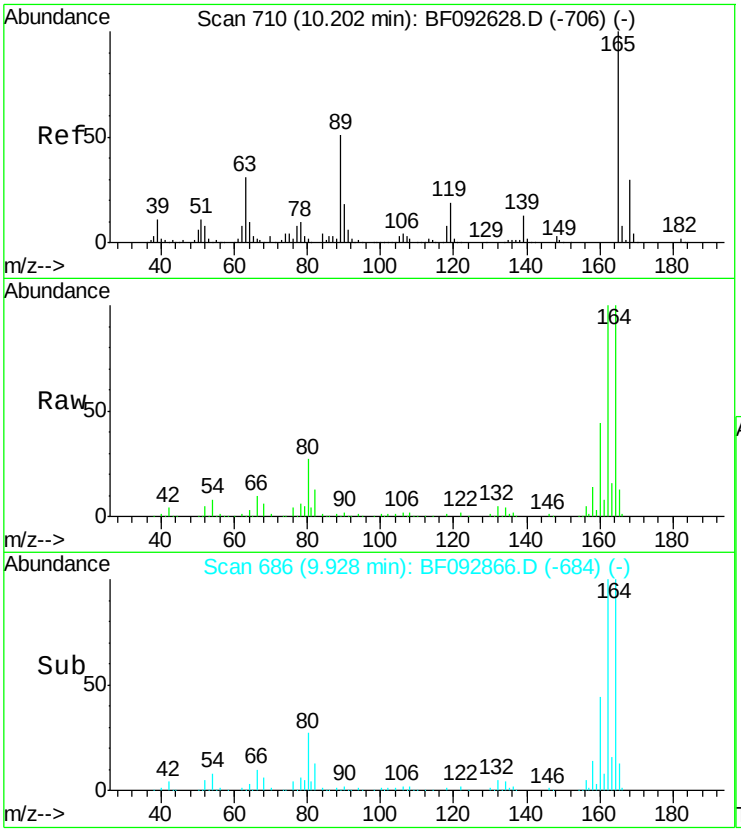


#50
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.14 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:165 Resp: 35314

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.0	40.2	60.4#



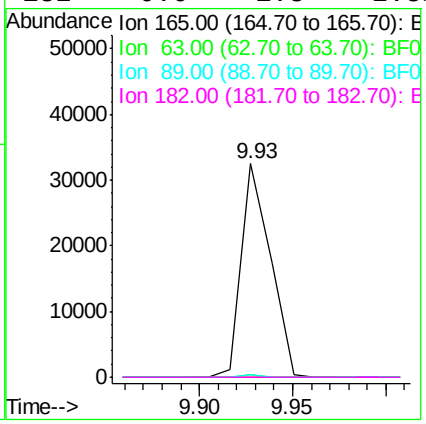


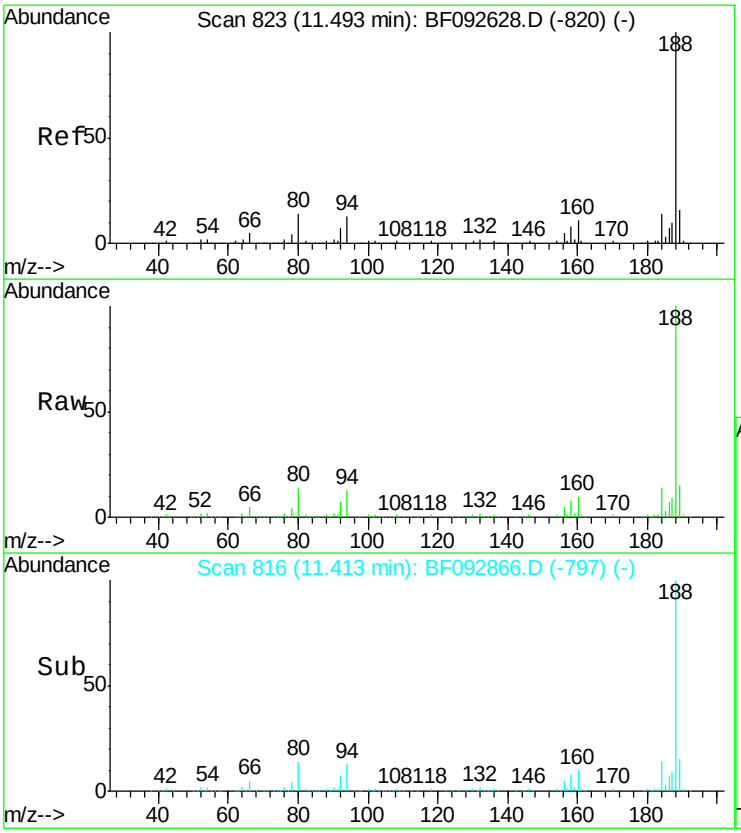
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.27 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:165 Resp: 35316

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

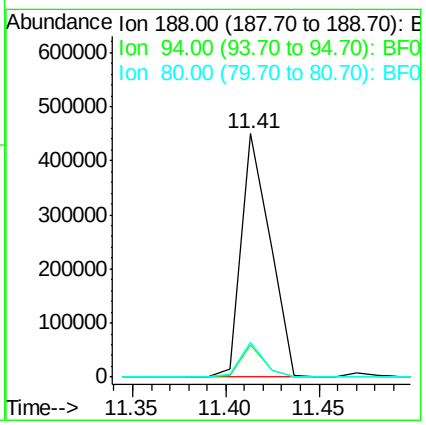


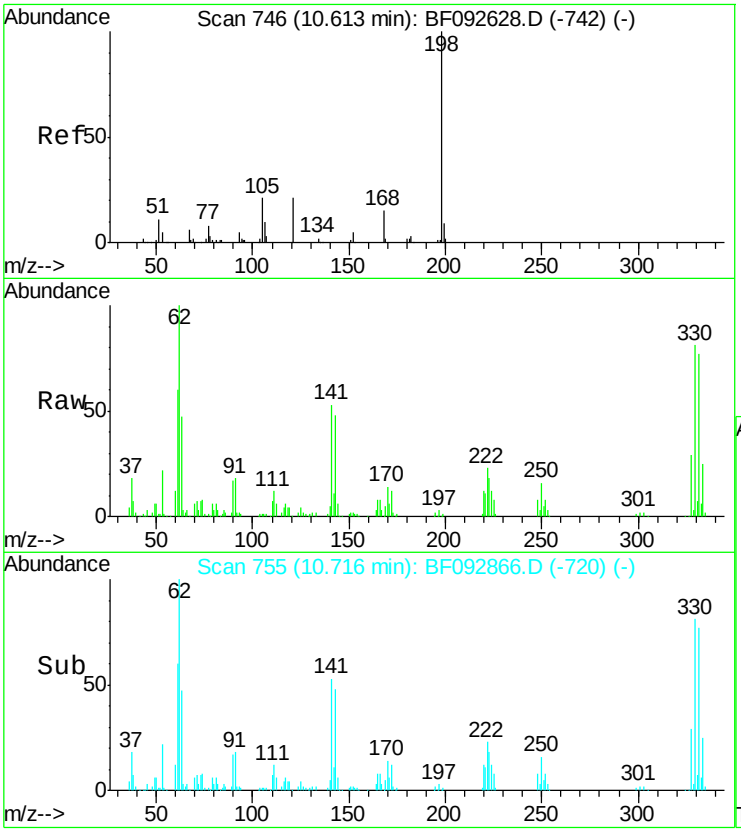


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:188 Resp: 486398

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.0	15.0
80	14.4	11.2	16.8



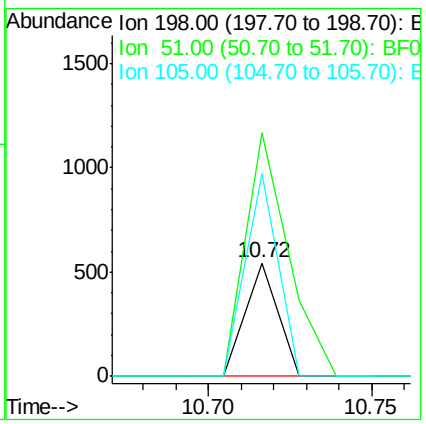


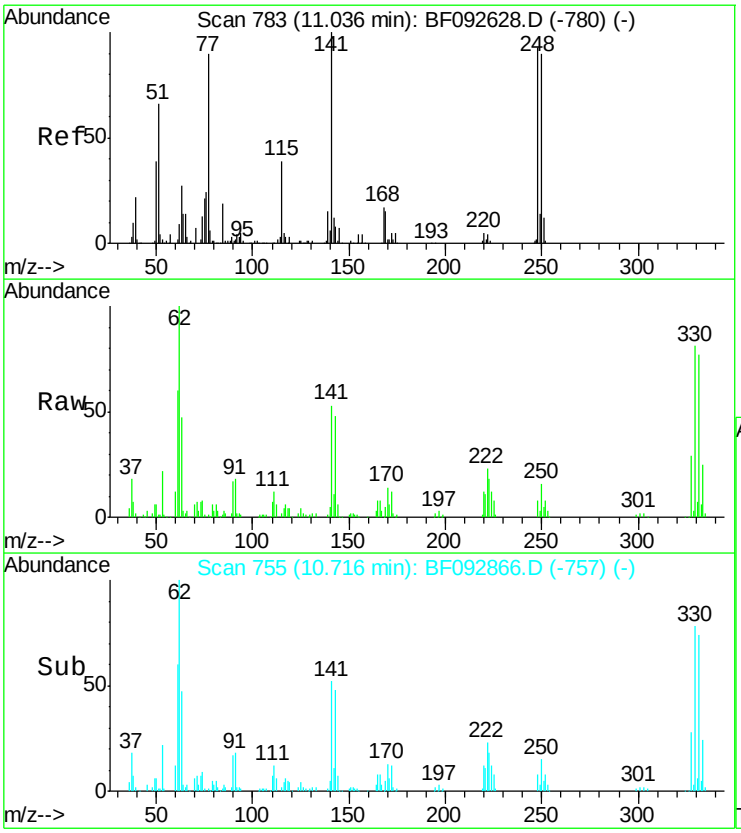
#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.10 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:198 Resp: 372

Ion	Ratio	Lower	Upper
198	100		
51	215.1	6.7	46.7#
105	179.2	16.6	56.6#

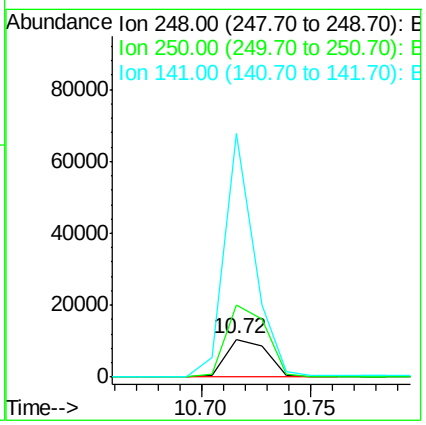


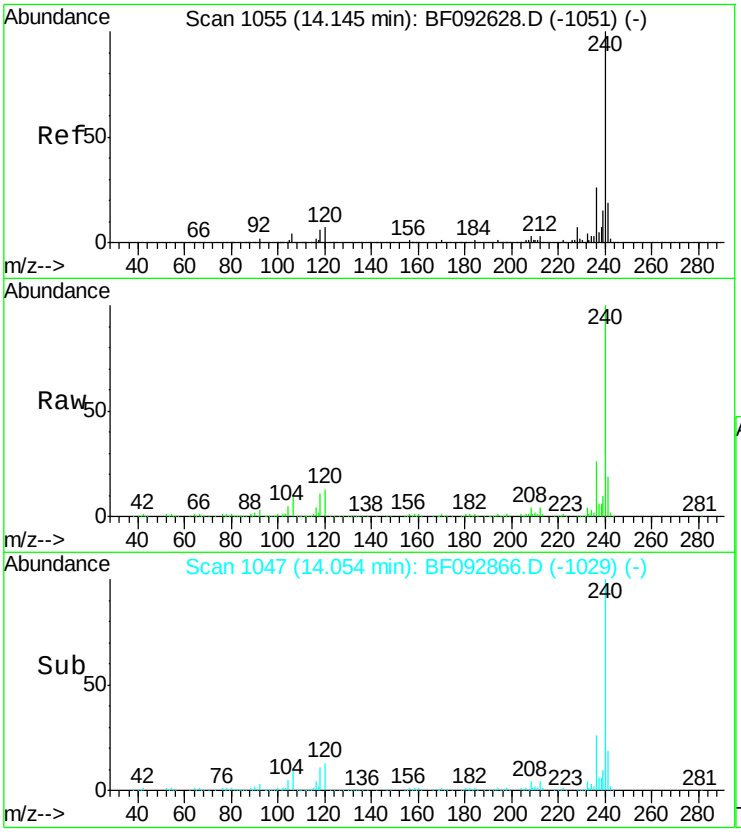


#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.32 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:248 Resp: 13674

Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	646.6	68.2	102.4#



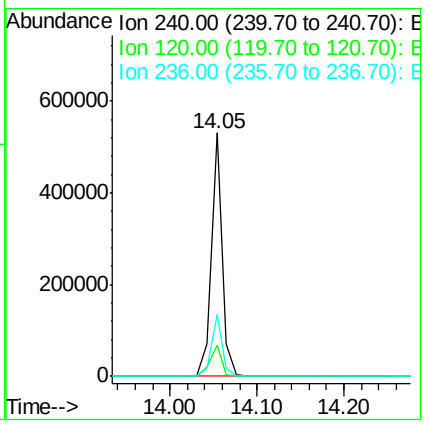


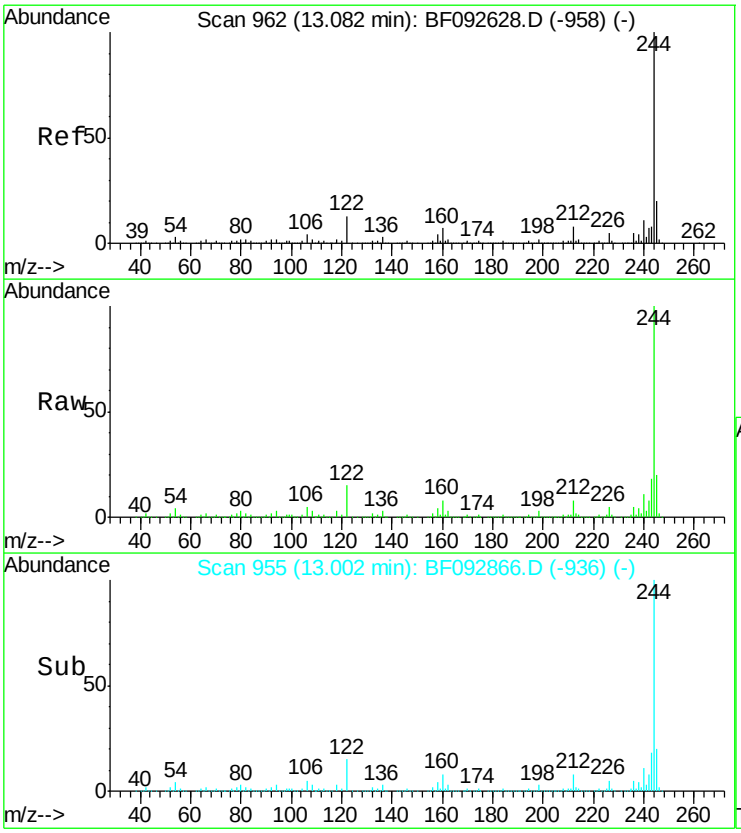
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:240 Resp: 468259

Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.9	19.3#
236	25.6	20.9	31.3

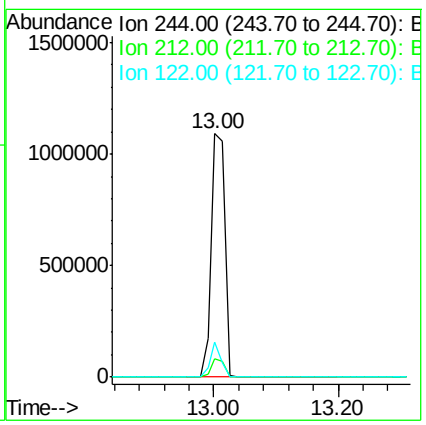


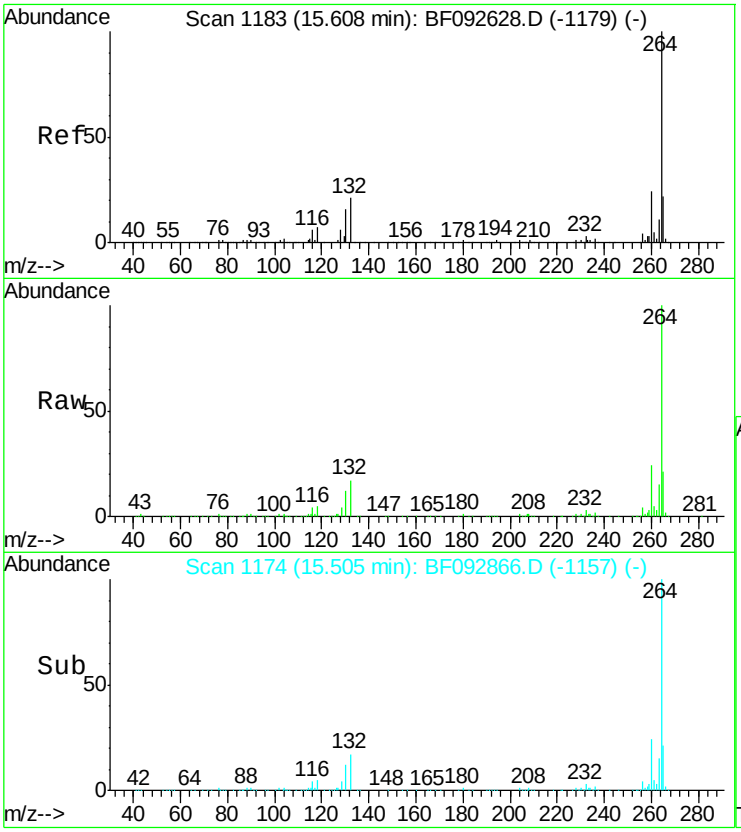


#78
Terphenyl-d14
Concen: 80.65 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:244 Resp: 1607271

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion:264 Resp: 407930

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.4	26.0