Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092804.D
Acq On : 6 Feb 2017 19:10
Operator : SJ/MA
Sample : I1698-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B11-B16-001

Quant Time: Feb 07 01:09:40 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	6.91	152	142129	20.00	ng		-0.06
21) Naphthalene-d8	8.20	136	590653	20.00	ng		-0.06
38) Acenaphthene-d10	9.95	164	328095	20.00	ng		-0.06
63) Phenanthrene-d10	11.44	188	573339	20.00	ng		-0.06
75) Chrysene-d12	14.08	240	544265	20.00	ng		-0.07
86) Perylene-d12	15.53	264	467392	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1153583	139.25	ng		-0.03
7) Phenol-d6	6.56	99	1196782	112.28	ng		-0.05
23) Nitrobenzene-d5	7.48	82	936076	88.25	ng		-0.06
41) 2,4,6-Tribromophenol	10.75	330	371878	156.71	ng		-0.06
44) 2-Fluorobiphenyl	9.28	172	1663896	91.88	ng		-0.06
78) Terphenyl-d14	13.02	244	1679467	72.50	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	26424	3.46	ng		81
19) n-Nitroso-di-n-propylamine	7.48	70	126789	18.69	ng	#	79
25) Isophorone	7.48	82	913998	46.24	ng	#	65
50) 2,6-Dinitrotoluene	9.95	165	42015	8.80	ng	#	31
56) 2,4-Dinitrotoluene	9.95	165	42017	6.61	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.74	198	823	2.89	ng	#	1
66) 4-Bromophenyl-phenylether	10.74	248	24506	4.09	ng	#	1

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

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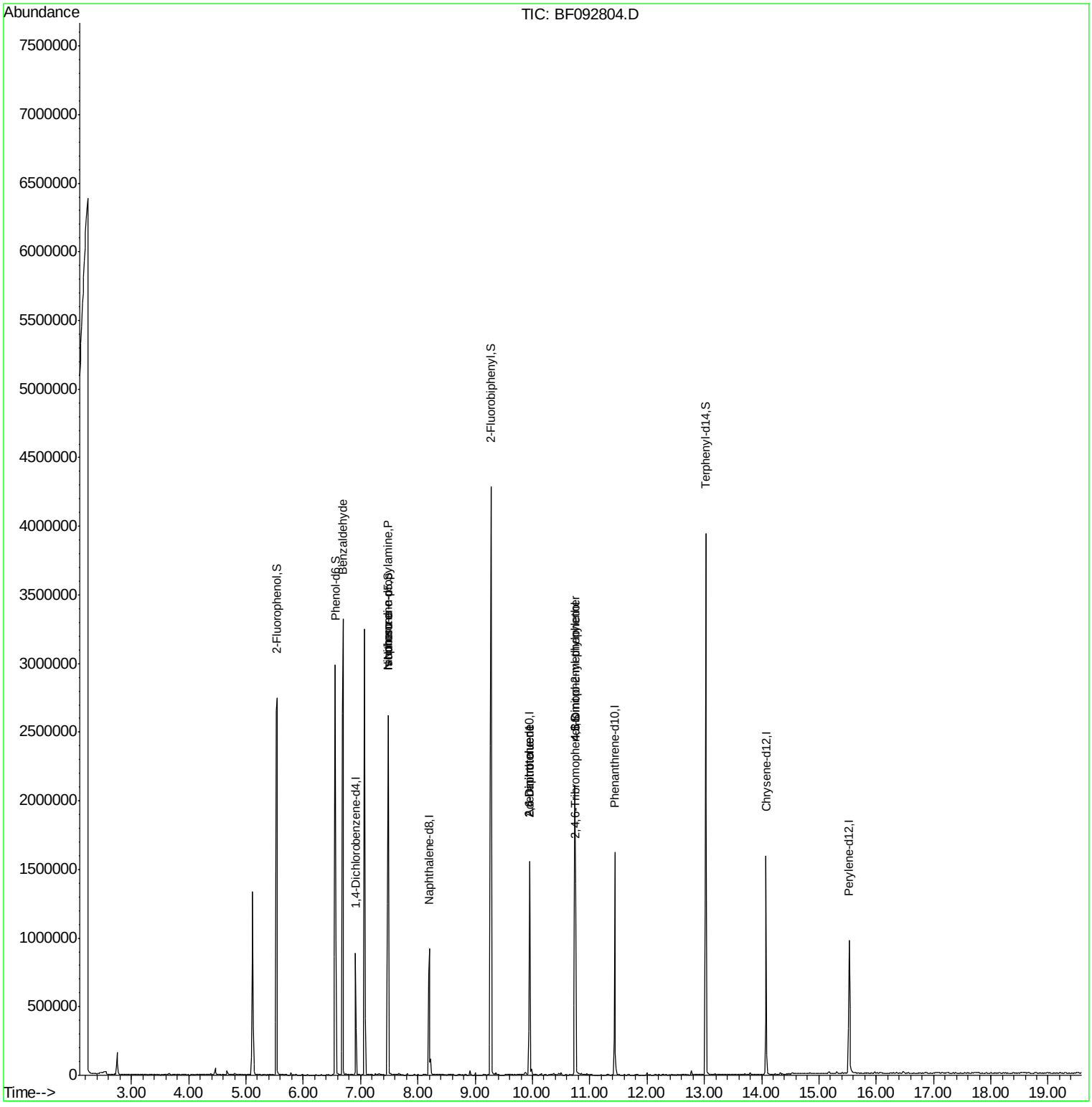
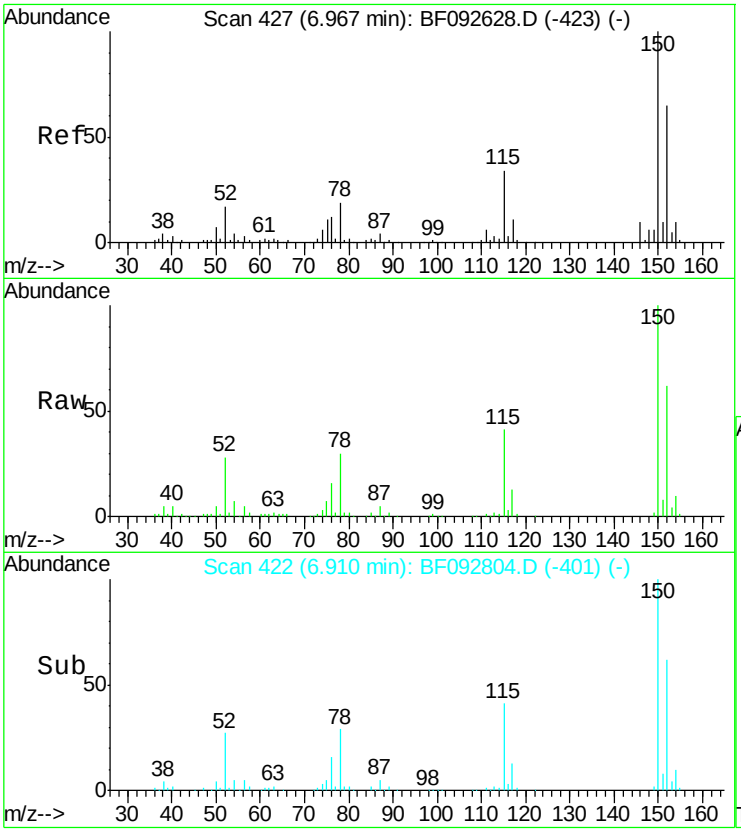


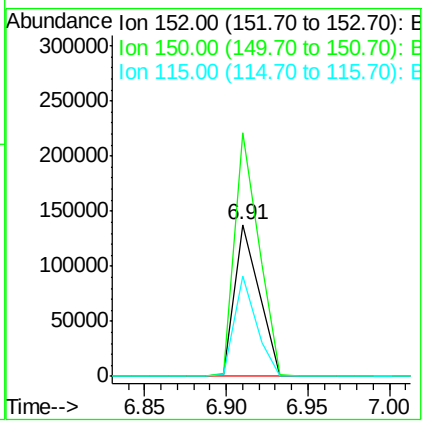


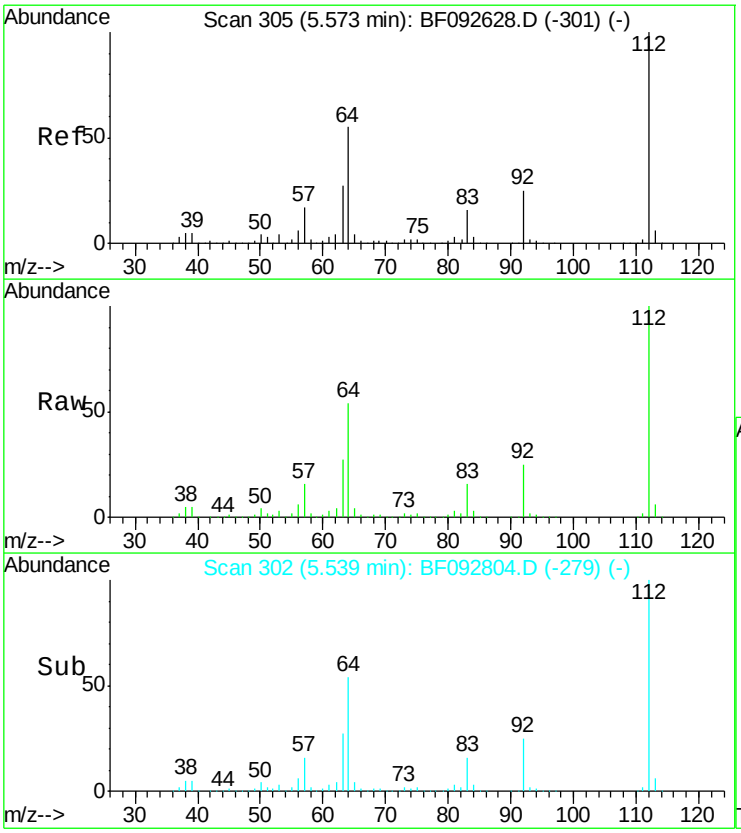
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:152 Resp: 142129

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.9	187.3
115	65.9	46.0	69.0

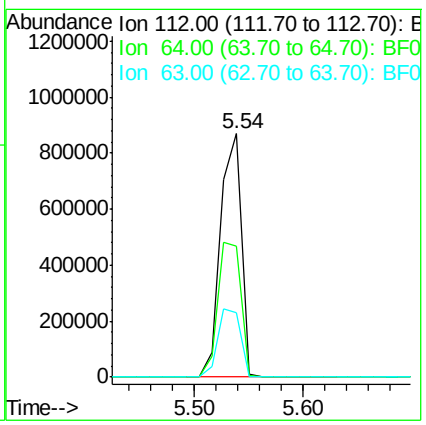


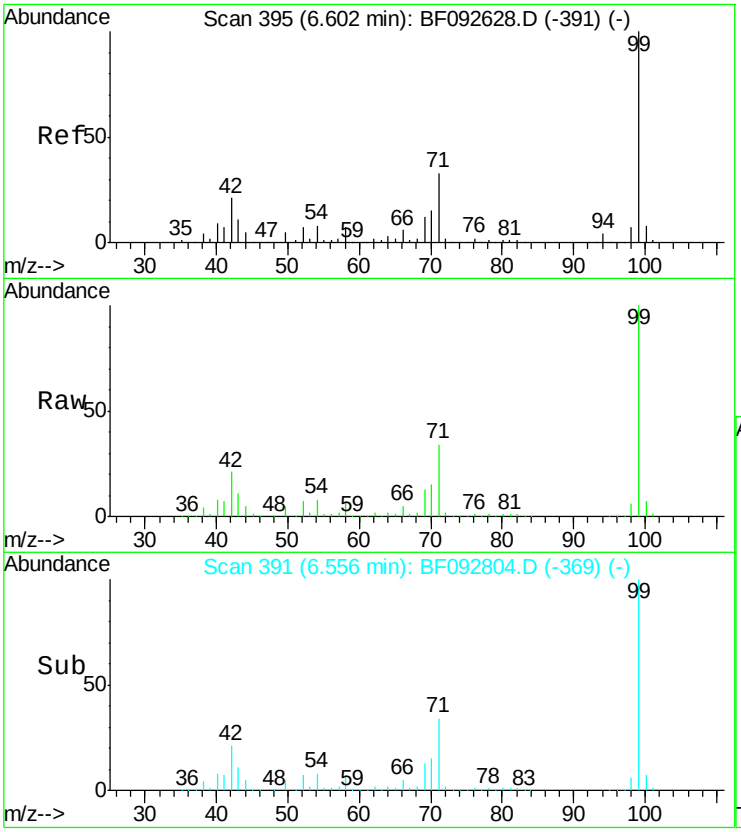


#5
2-Fluorophenol
Concen: 139.25 ng
RT: 5.54 min Scan# 302
Delta R.T. -0.03 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:112 Resp: 1153583

Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.1	69.1
63	26.7	23.8	35.6



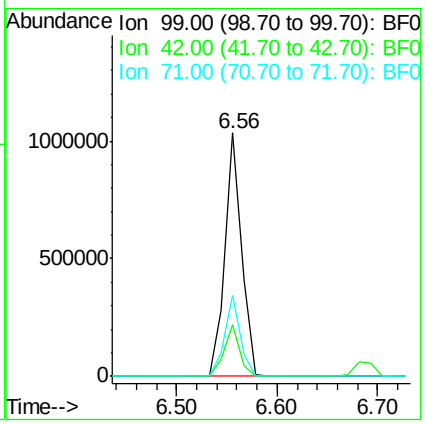


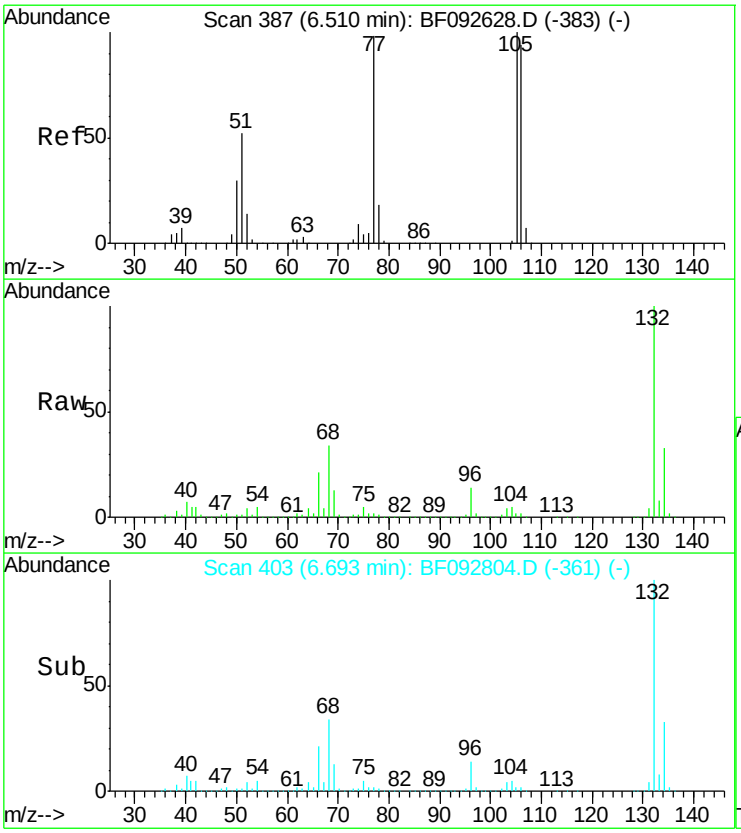
#7
Phenol-d6
Concen: 112.28 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion: 99 Resp: 1196782

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	33.5	27.5	41.3

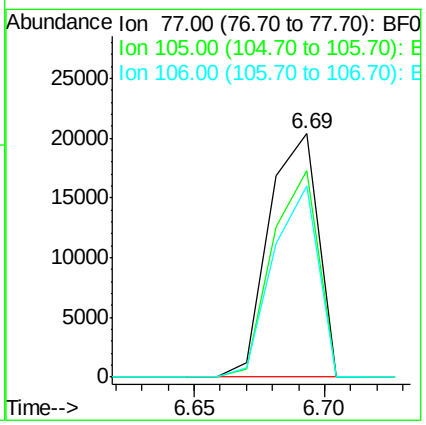


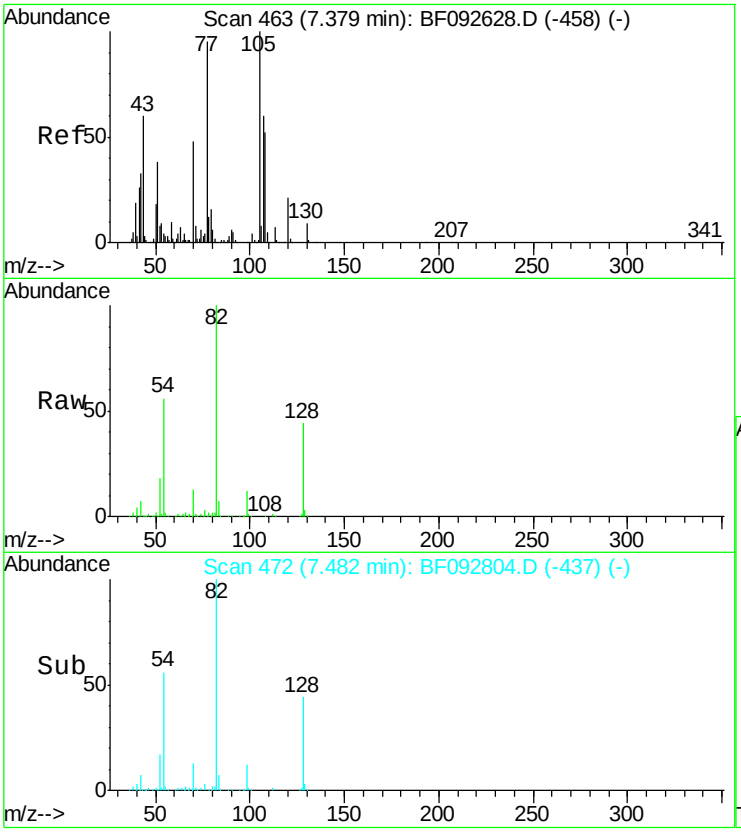


#9
Benzaldehyde
Concen: 3.46 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.18 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion: 77 Resp: 26424

Ion	Ratio	Lower	Upper
77	100		
105	84.7	83.9	123.9
106	78.4	77.6	117.6



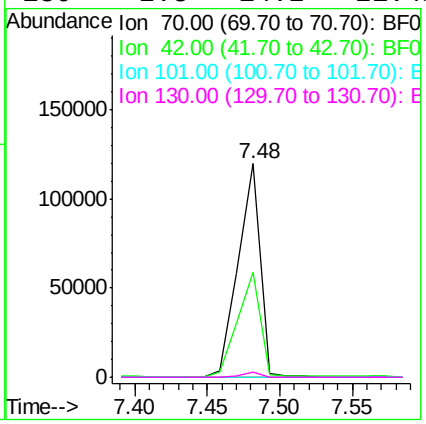


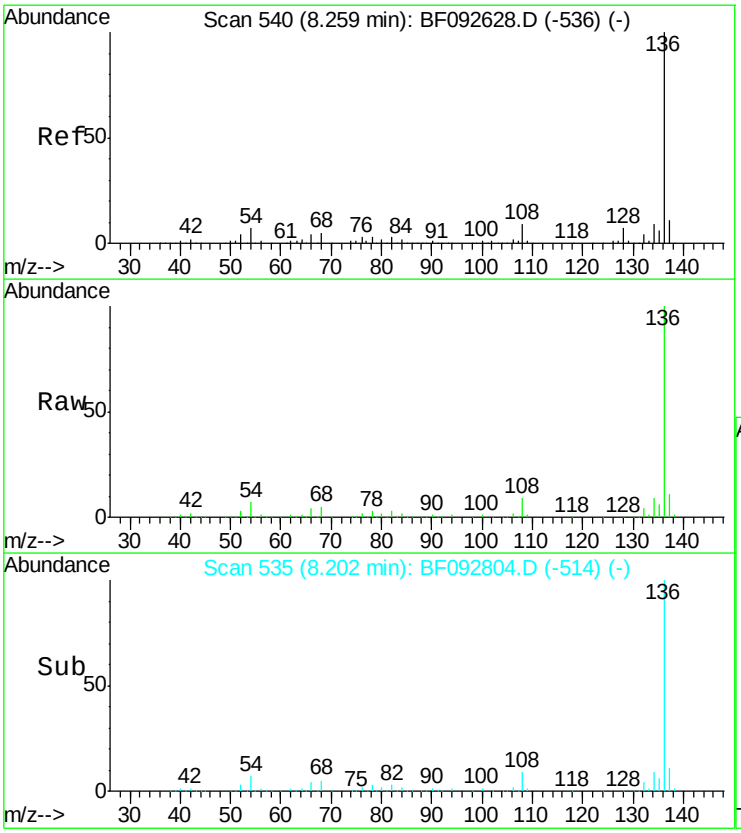
#19
n-Nitroso-di-n-propylamine
Concen: 18.69 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.10 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion: 70 Resp: 126789

Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

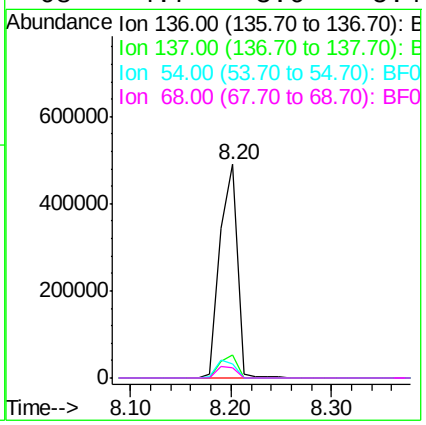


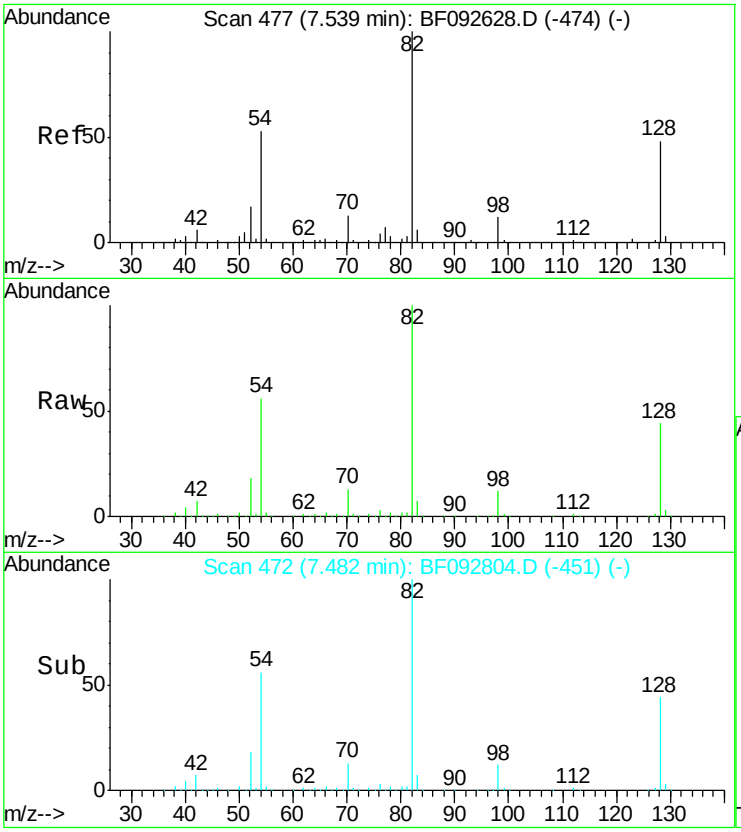


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:136 Resp: 590653

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.8	4.5	6.7#
68	4.7	3.6	5.4



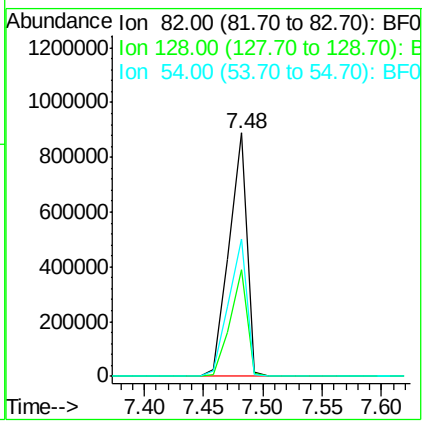


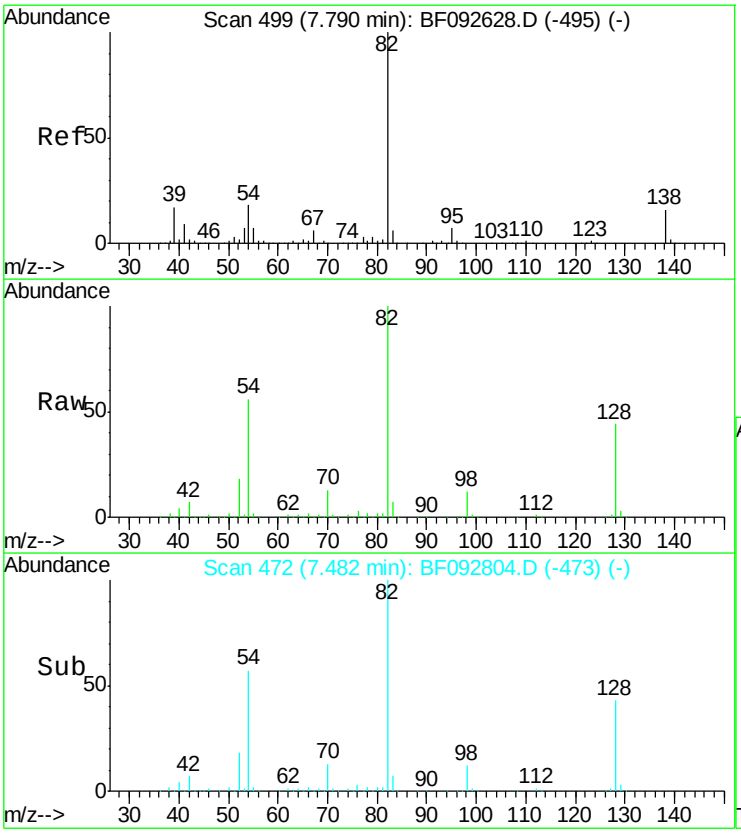
#23
Nitrobenzene-d5
Concen: 88.25 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion: 82 Resp: 936076

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	56.4	39.5	59.3

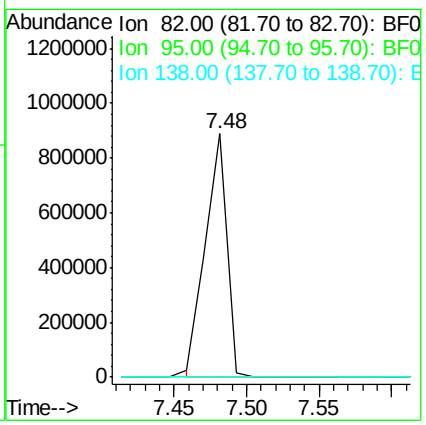


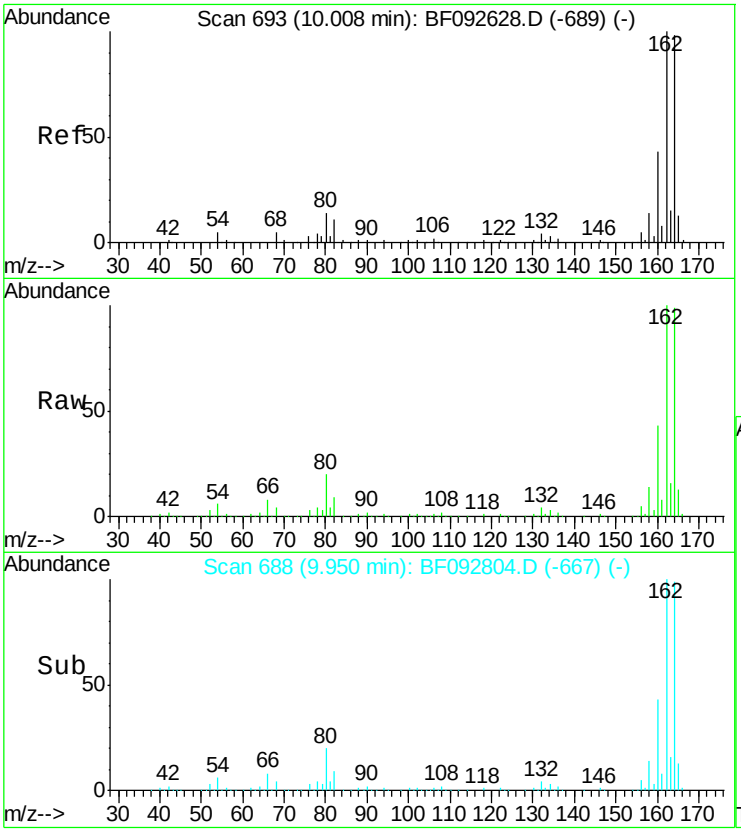


#25
Isophorone
Concen: 46.24 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.31 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion: 82 Resp: 913998

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



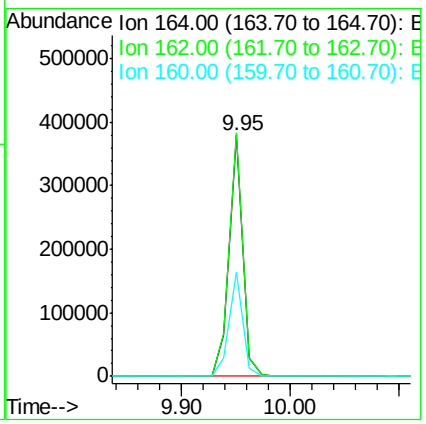


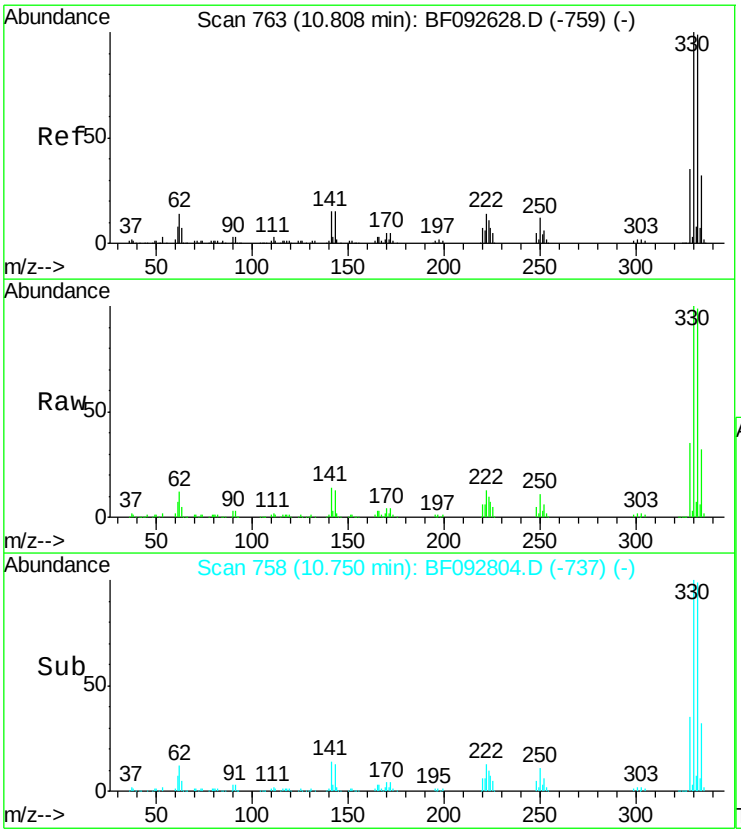
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:164 Resp: 328095

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	43.5	36.9	55.3

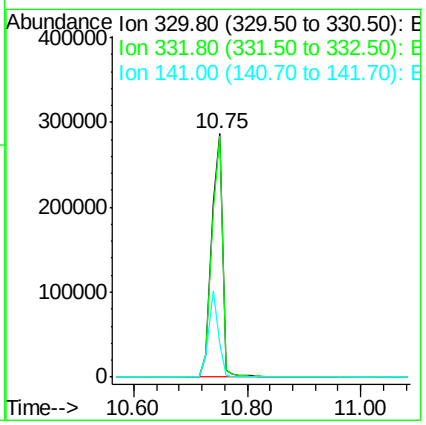


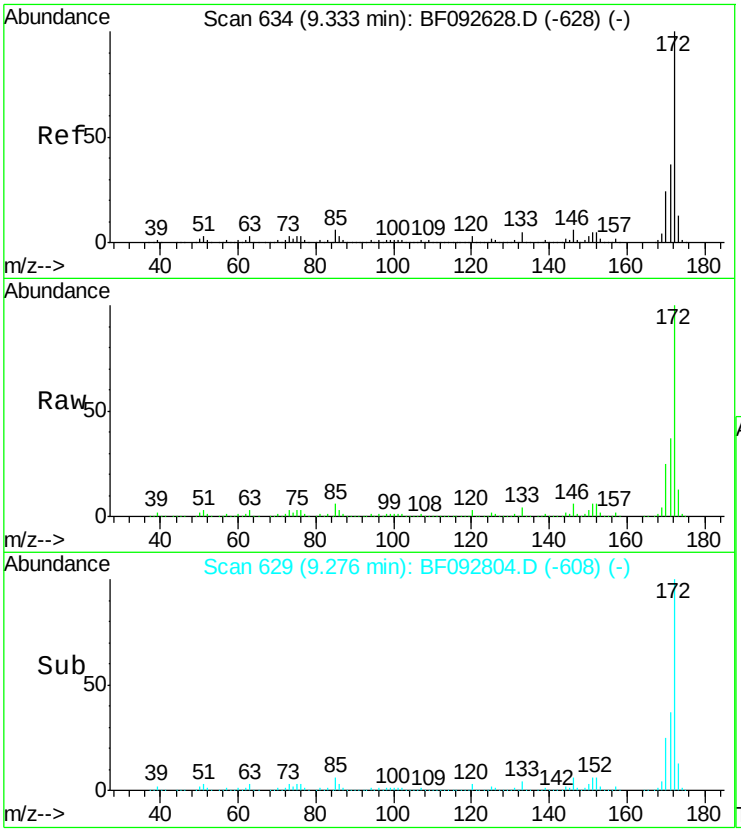


#41
2,4,6-Tribromophenol
Concen: 156.71 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:330 Resp: 371878

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	32.2	34.1	51.1#



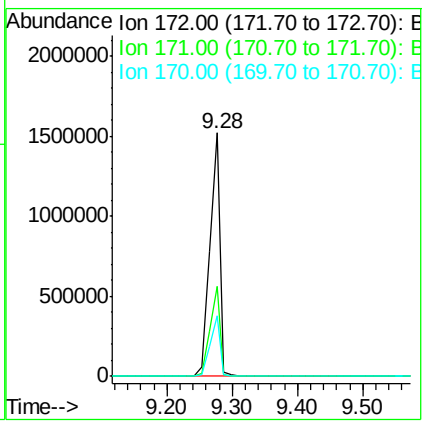


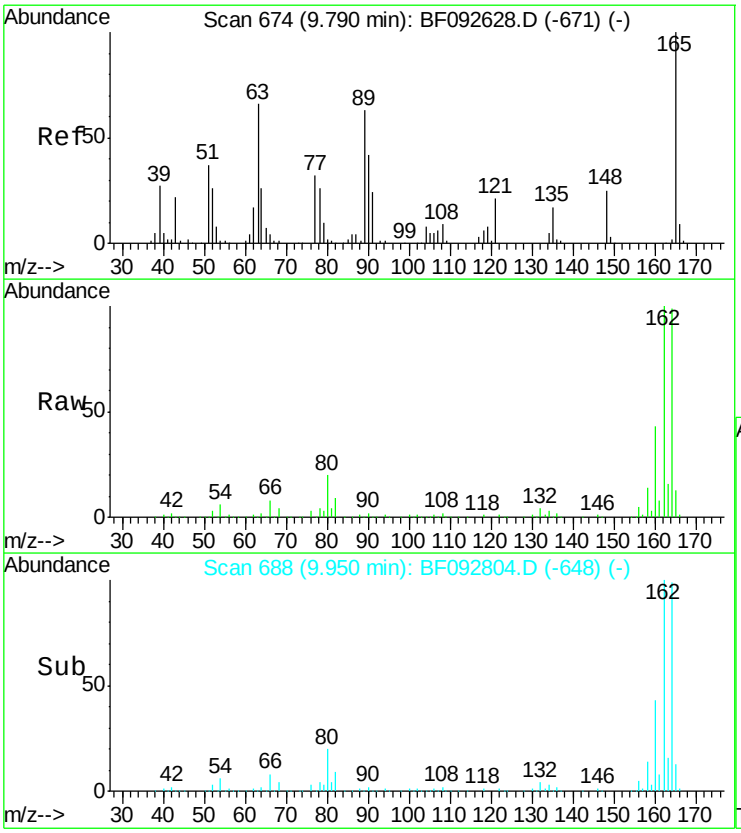
#44
2-Fluorobiphenyl
Concen: 91.88 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:172 Resp: 1663896

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.8	20.2	30.4

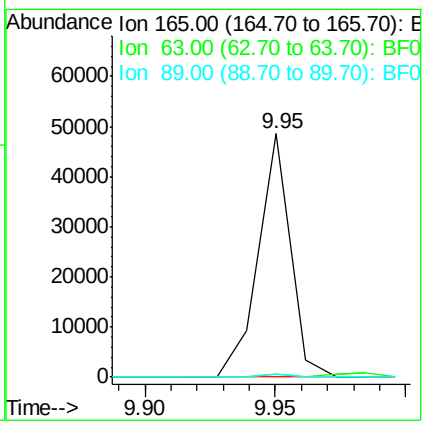


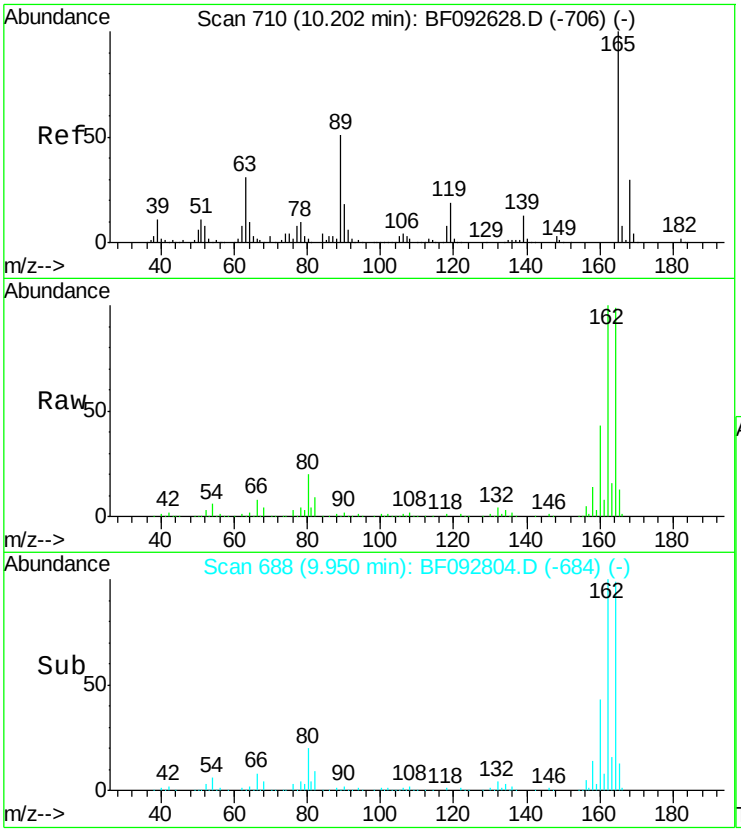


#50
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.16 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:165 Resp: 42015

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.1	40.2	60.4#



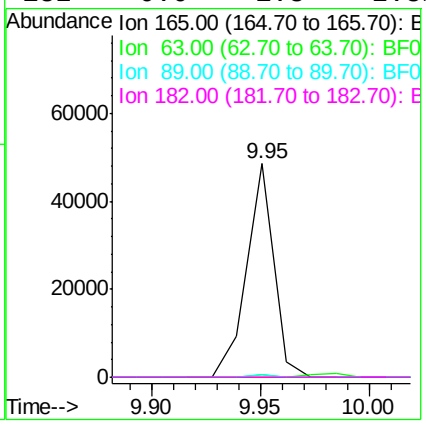


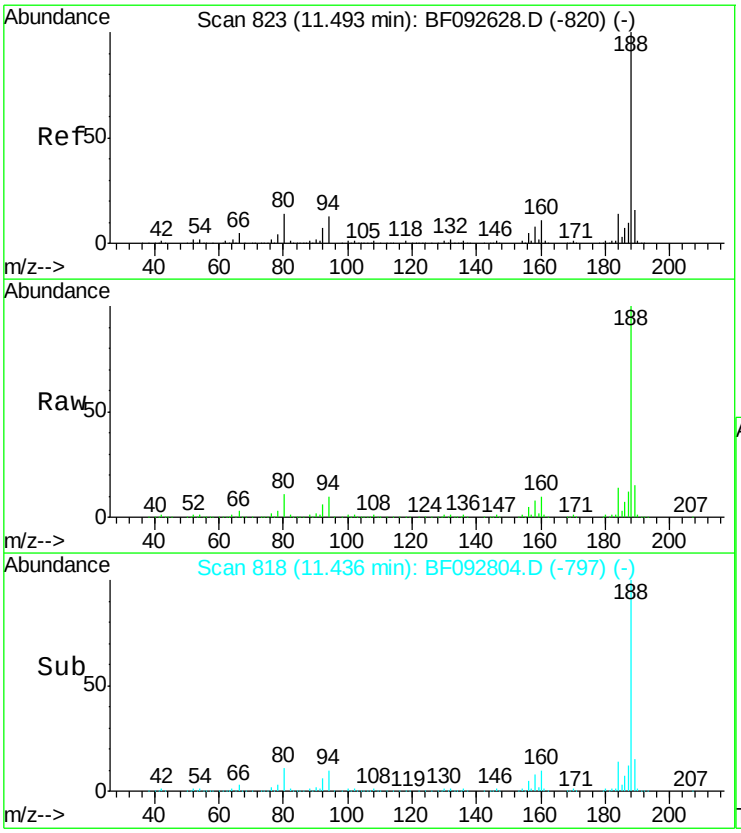
#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.25 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:165 Resp: 42017

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

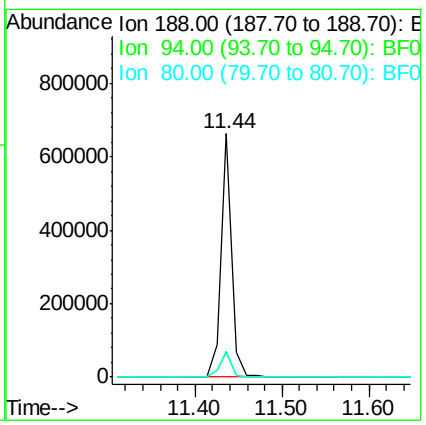


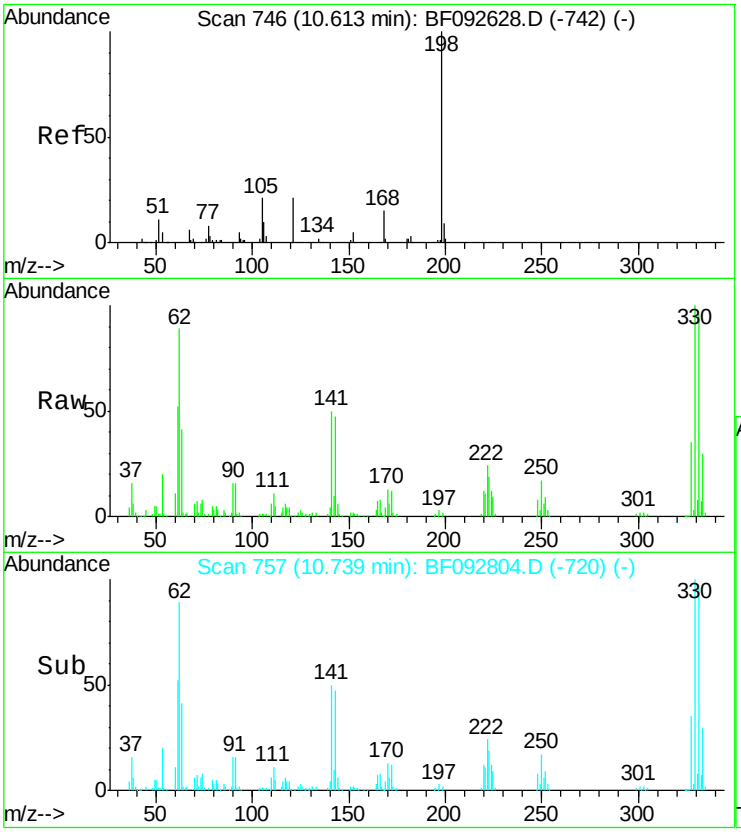


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:188 Resp: 573339

Ion	Ratio	Lower	Upper
188	100		
94	10.4	10.0	15.0
80	10.9	11.2	16.8#



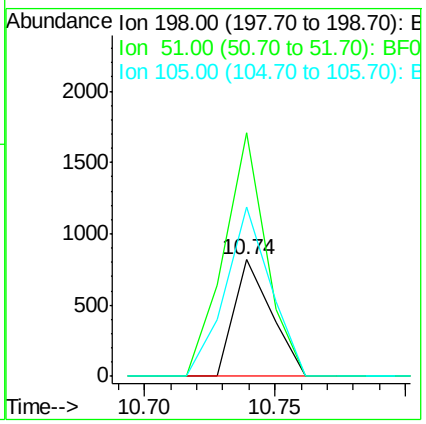


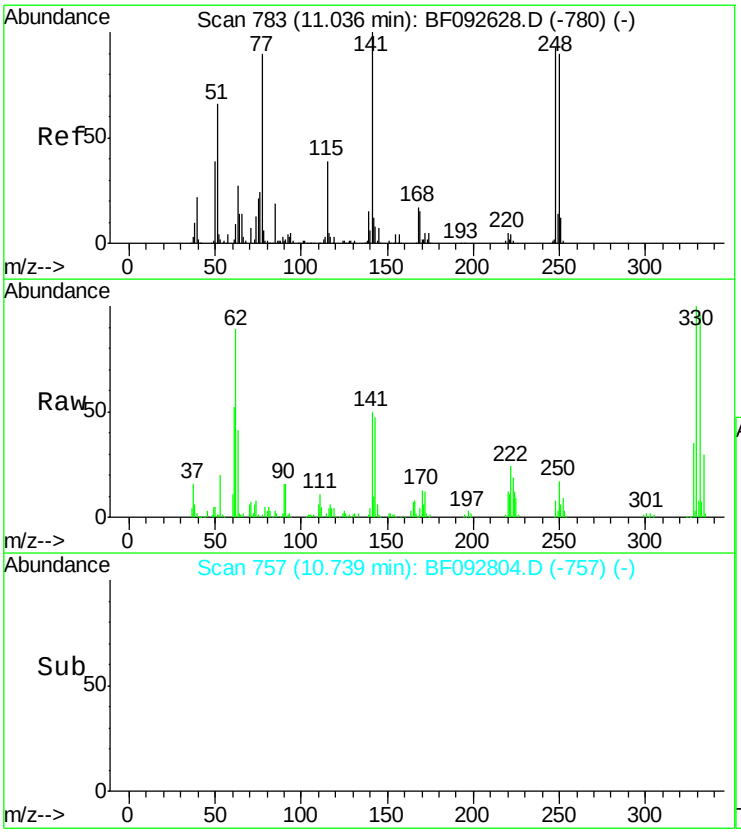
#64
4,6-Dinitro-2-methylphenol
Concen: 2.89 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:198 Resp: 823

Ion	Ratio	Lower	Upper
198	100		
51	209.1	6.7	46.7#
105	145.5	16.6	56.6#

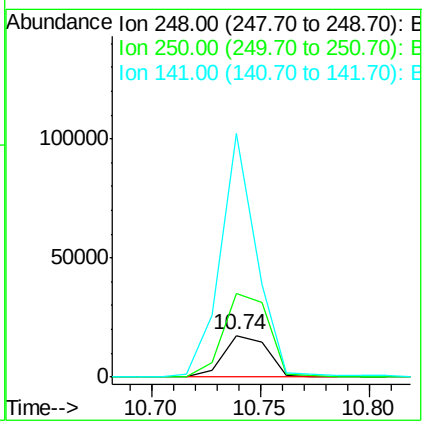


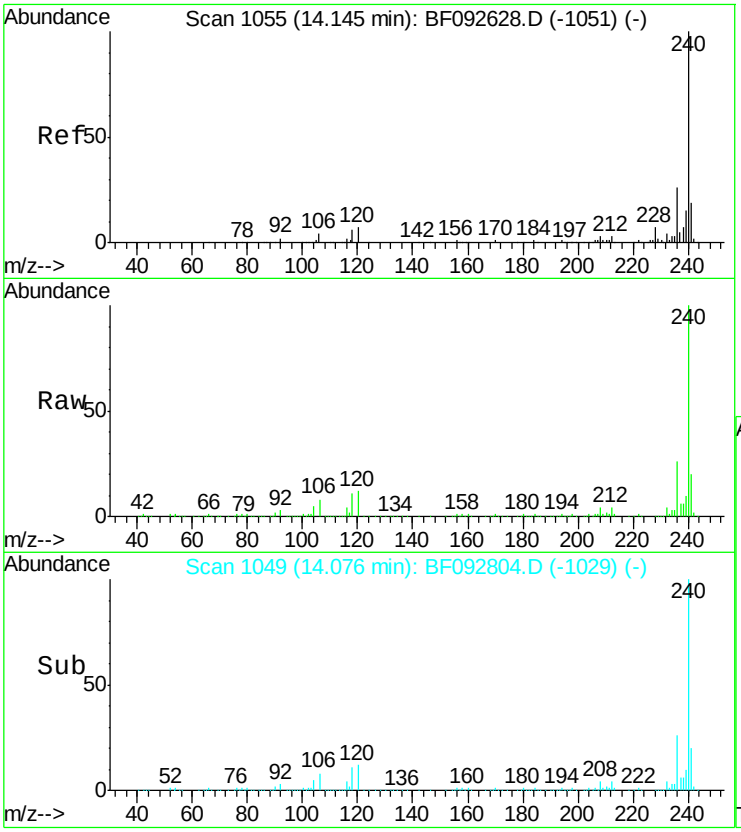


#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.30 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:248 Resp: 24506

Ion	Ratio	Lower	Upper
248	100		
250	200.9	76.9	115.3#
141	587.4	68.2	102.4#



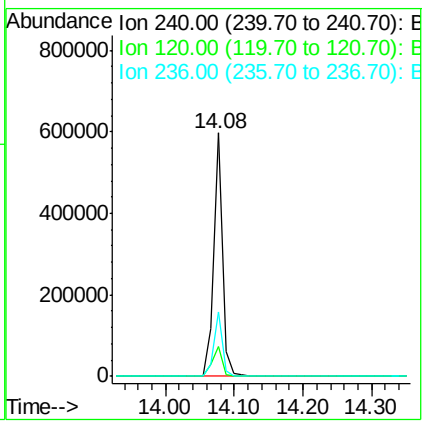


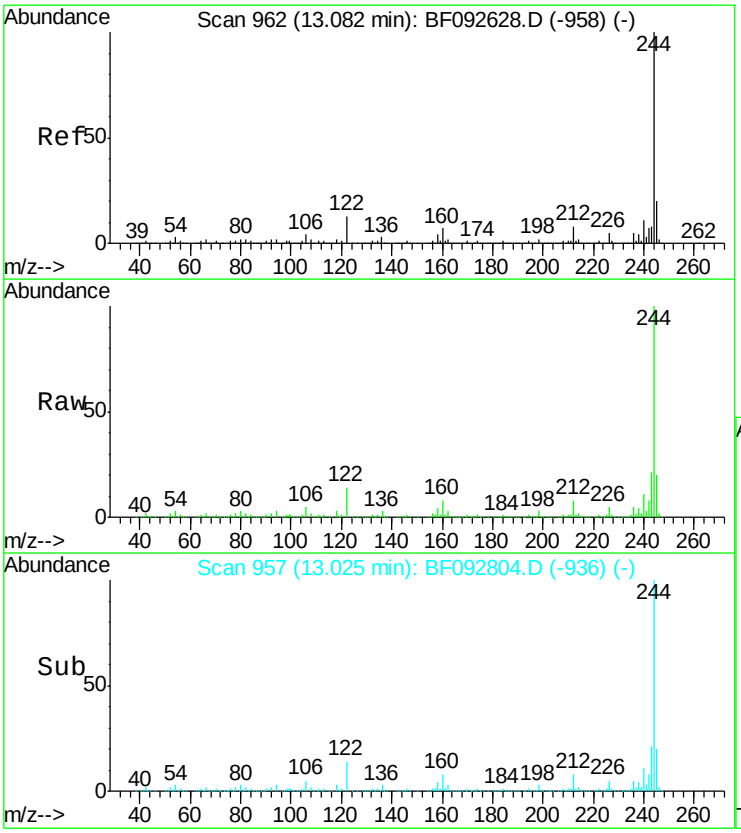
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.07 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:240 Resp: 544265

Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.9	19.3#
236	26.4	20.9	31.3

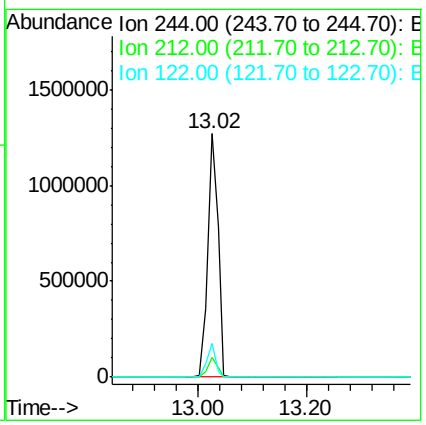


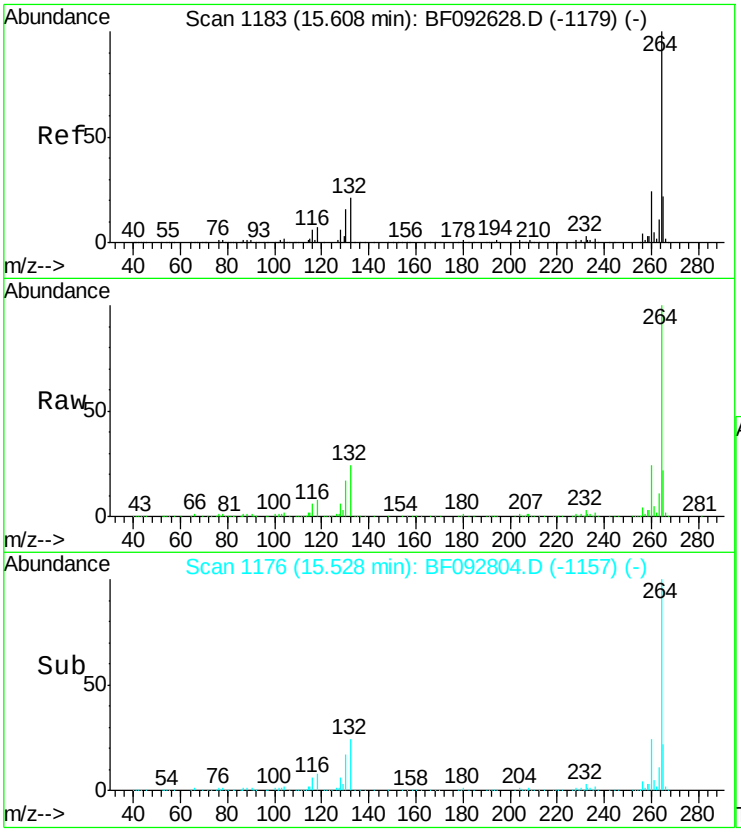


#78
Terphenyl-d14
Concen: 72.50 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.06 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Tgt Ion:244 Resp: 1679467

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092804.D
Acq: 6 Feb 2017 19:10

Instrument :
BNA_F
ClientSampleId :
WC-B11-B16-001

Tgt Ion:264 Resp: 467392

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0