Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
Data File : BF092675.D
Acq On : 31 Jan 2017 11:18
Operator : SJ/MA
Sample : I1551-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-41

Quant Time: Jan 31 12:06:31 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	6.96	152	170954	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	654421	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	325596	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	435812	20.00	ng	0.00
75) Chrysene-d12	14.13	240	345791	20.00	ng	-0.01
86) Perylene-d12	15.61	264	229476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	778583	78.14	ng	0.00
7) Phenol-d6	6.60	99	671265	52.36	ng	0.00
23) Nitrobenzene-d5	7.53	82	1069210	90.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	274230	116.45	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1809111	100.66	ng	0.00
78) Terphenyl-d14	13.08	244	1171998	79.64	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	139932	17.15	ng	# 86
25) Isophorone	7.53	82	1057152	48.28	ng	# 65
32) Benzoic acid	7.90	122	1097	7.33	ng	# 36
50) 2,6-Dinitrotoluene	10.01	165	42360	8.94	ng	# 31
56) 2,4-Dinitrotoluene	10.01	165	42659	6.77	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	515	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	19134	4.20	ng	# 1

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

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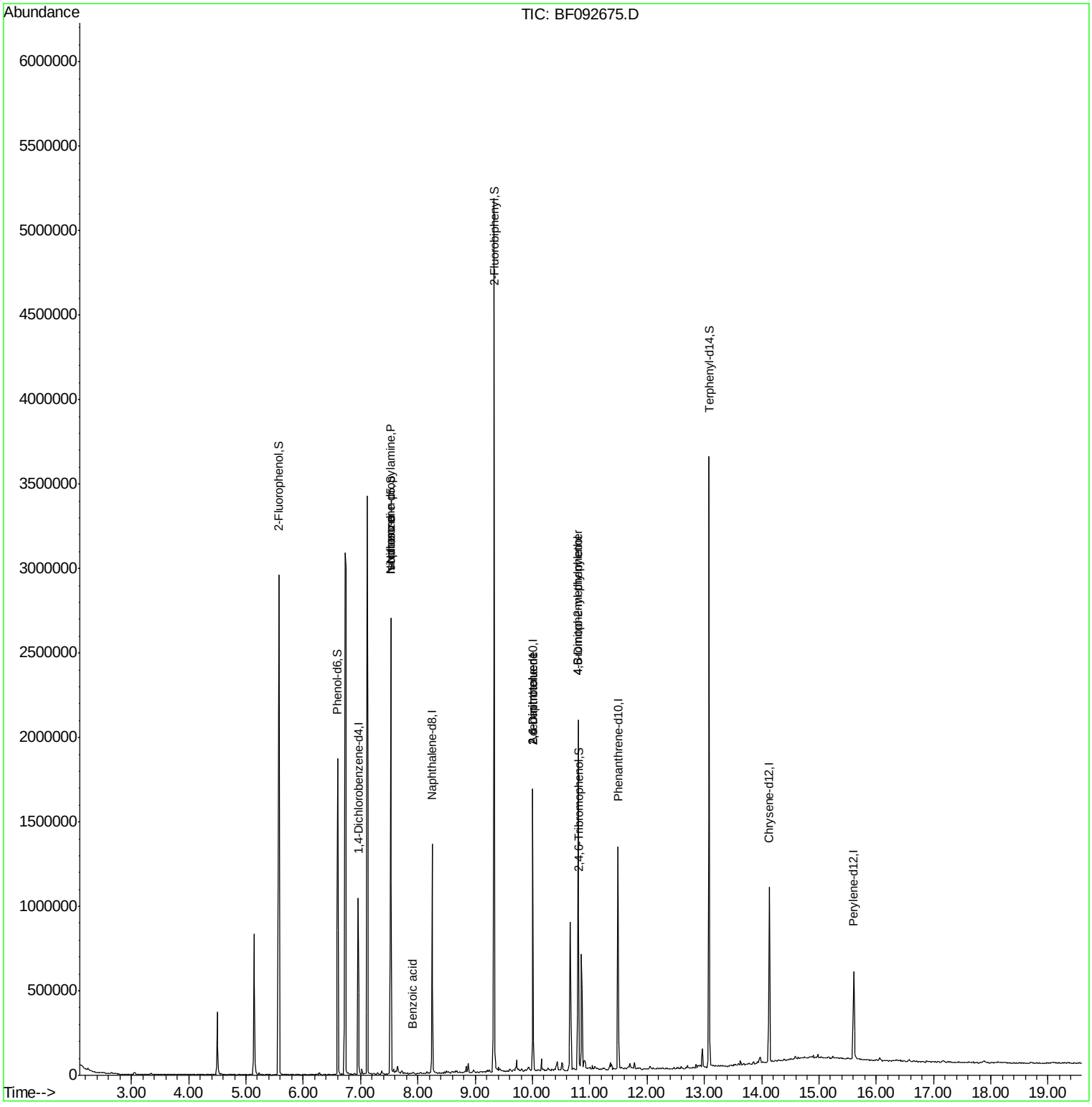
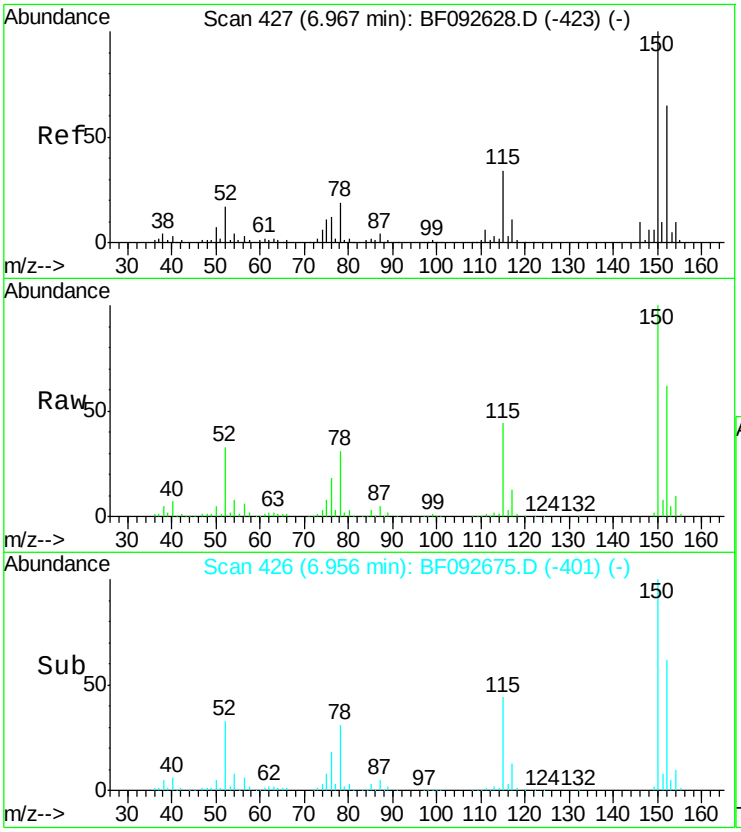


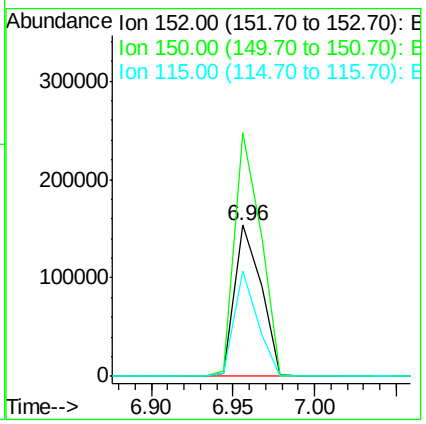


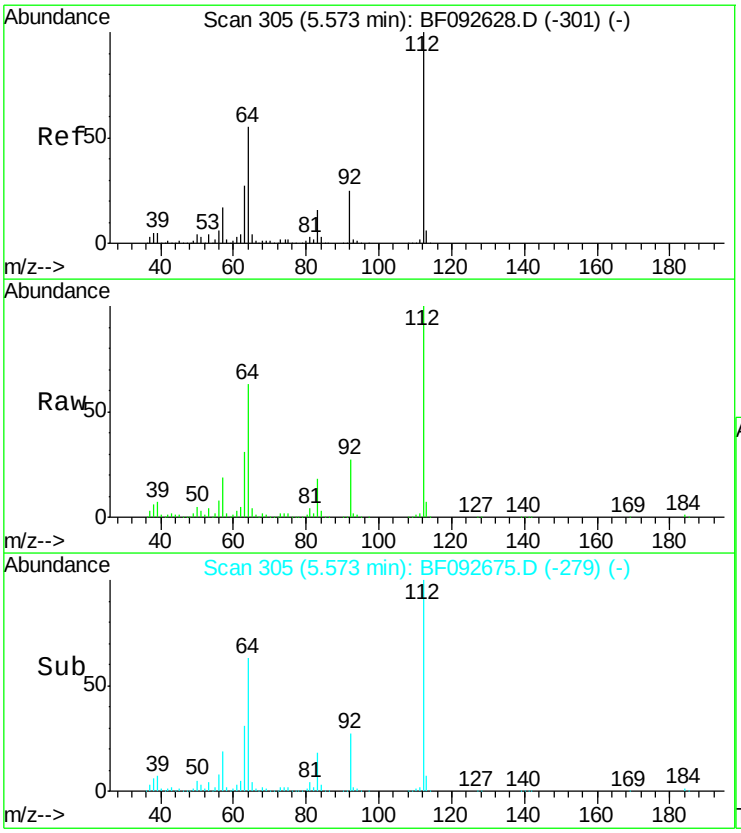
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:152 Resp: 170954

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.9	187.3
115	70.2	46.0	69.0#

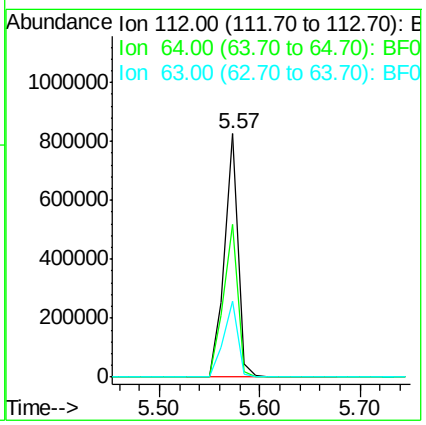


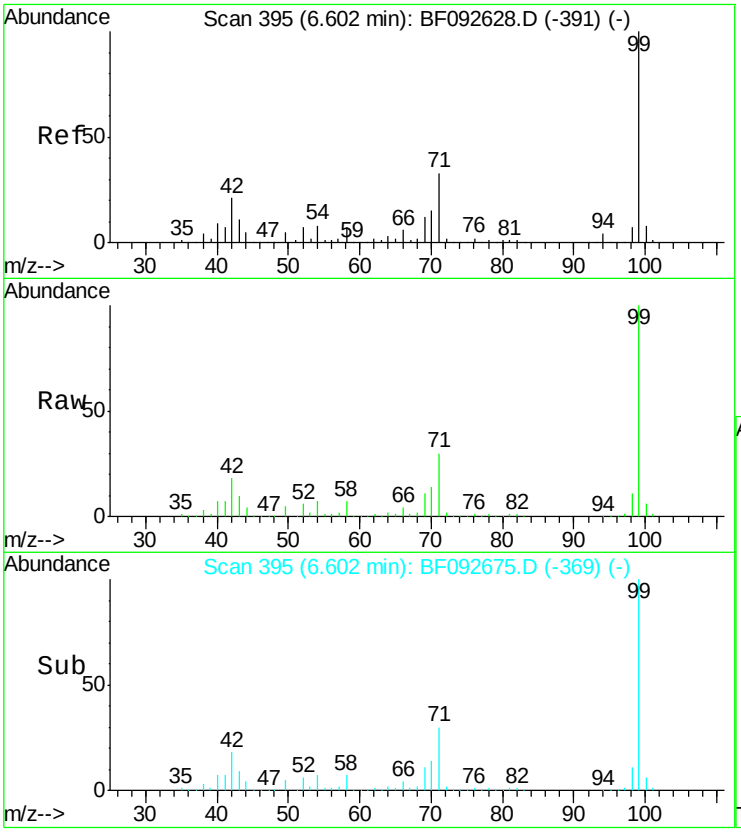


#5
2-Fluorophenol
Concen: 78.14 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:112 Resp: 778583

Ion	Ratio	Lower	Upper
112	100		
64	62.7	46.1	69.1
63	31.4	23.8	35.6



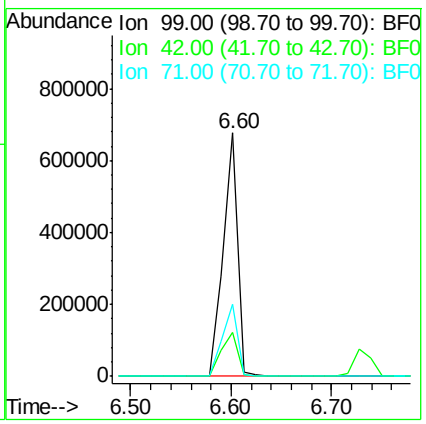


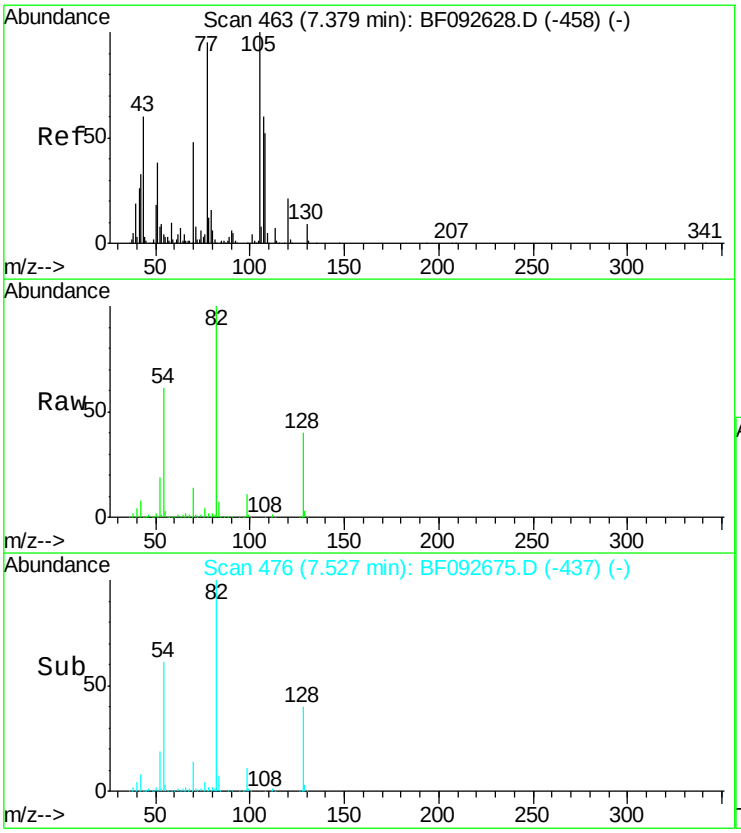
#7
Phenol-d6
Concen: 52.36 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion: 99 Resp: 671265

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.6	23.4
71	29.5	27.5	41.3

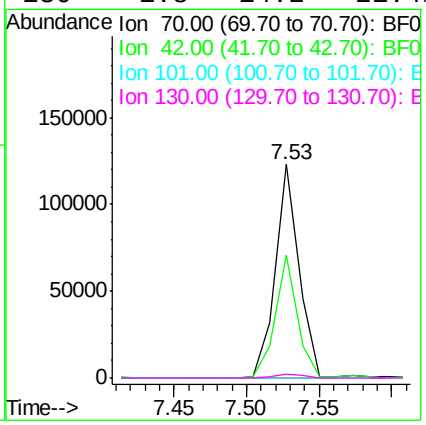


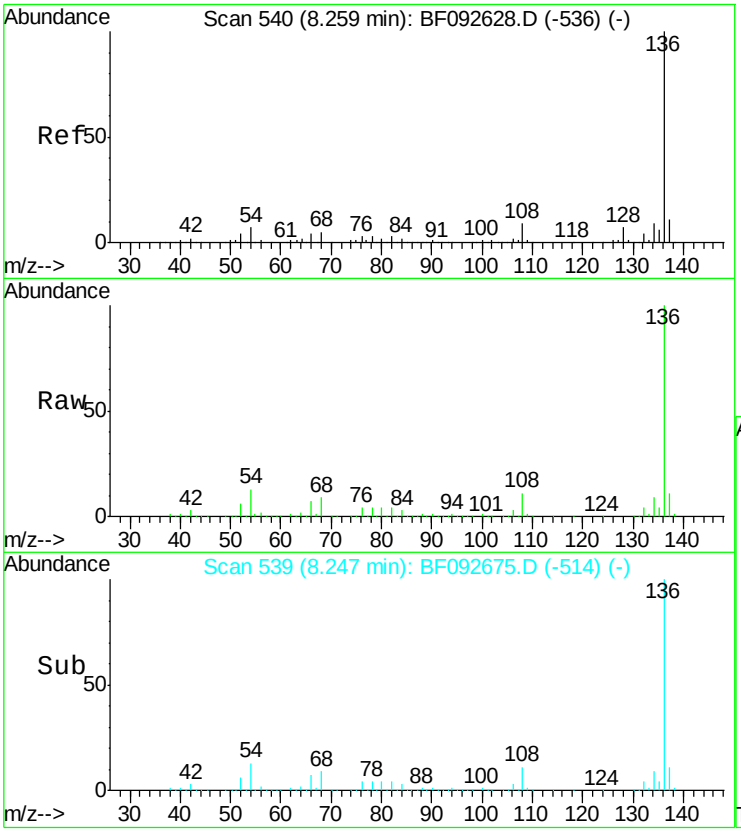


#19
n-Nitroso-di-n-propylamine
Concen: 17.15 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion: 70 Resp: 139932

Ion	Ratio	Lower	Upper
70	100		
42	57.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



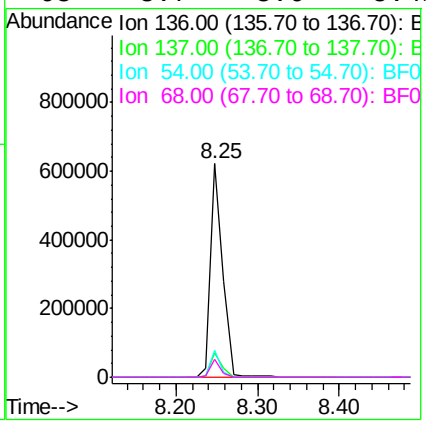


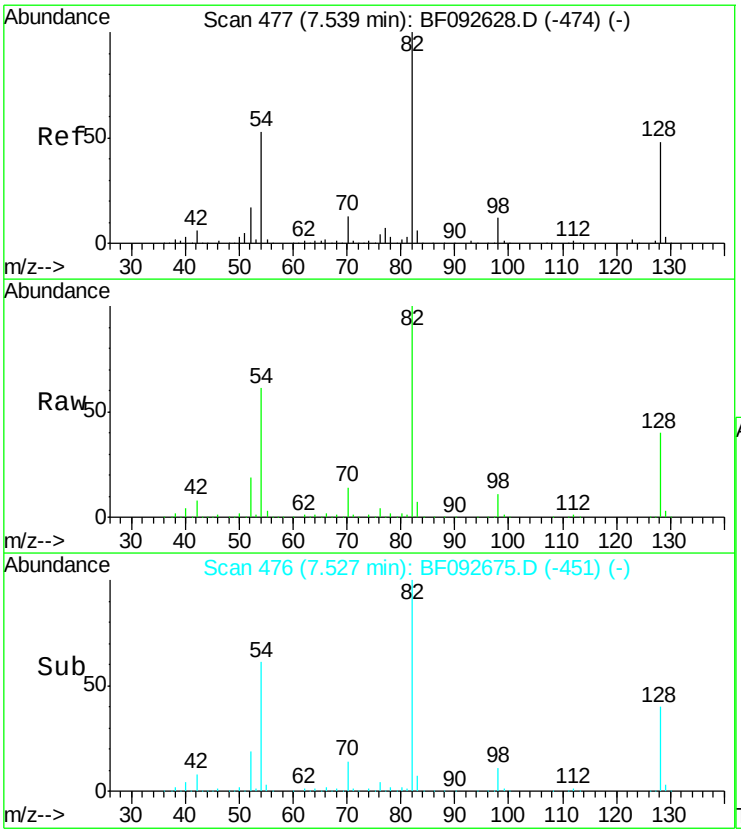
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:136 Resp: 654421

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.6	4.5	6.7#
68	8.7	3.6	5.4#

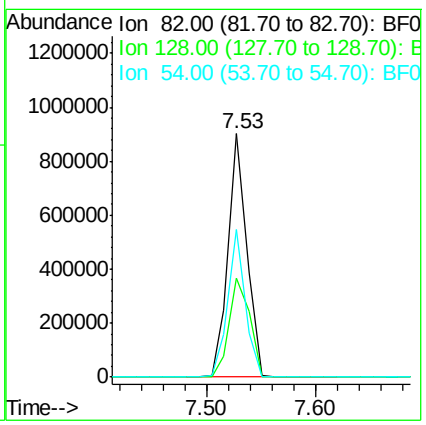


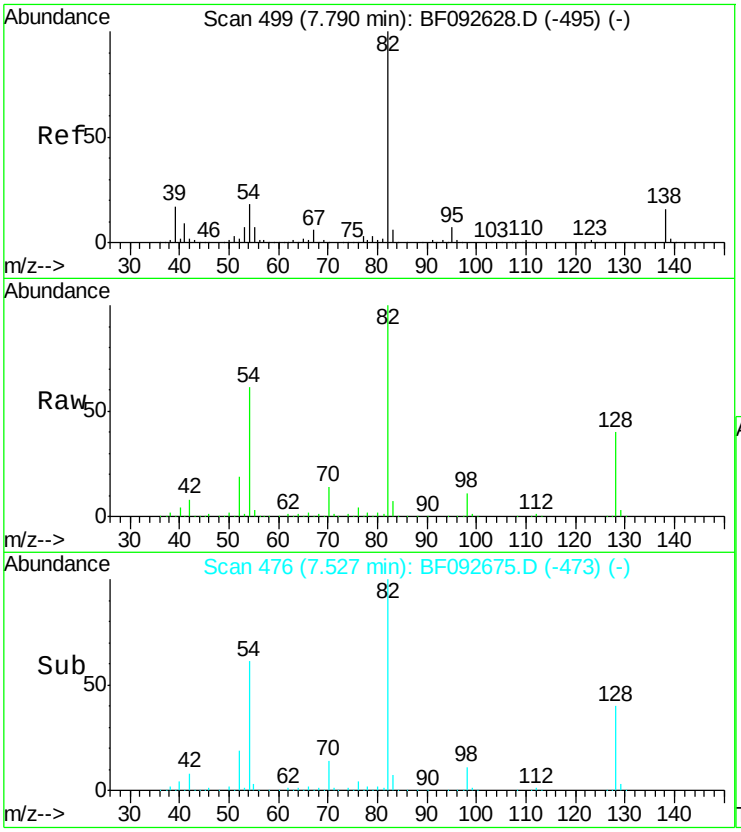


#23
Nitrobenzene-d5
Concen: 90.98 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion: 82 Resp: 1069210

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	60.6	39.5	59.3#



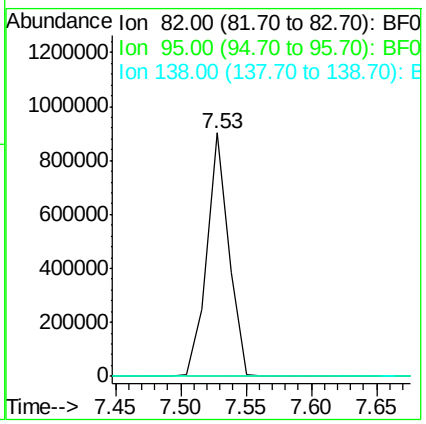


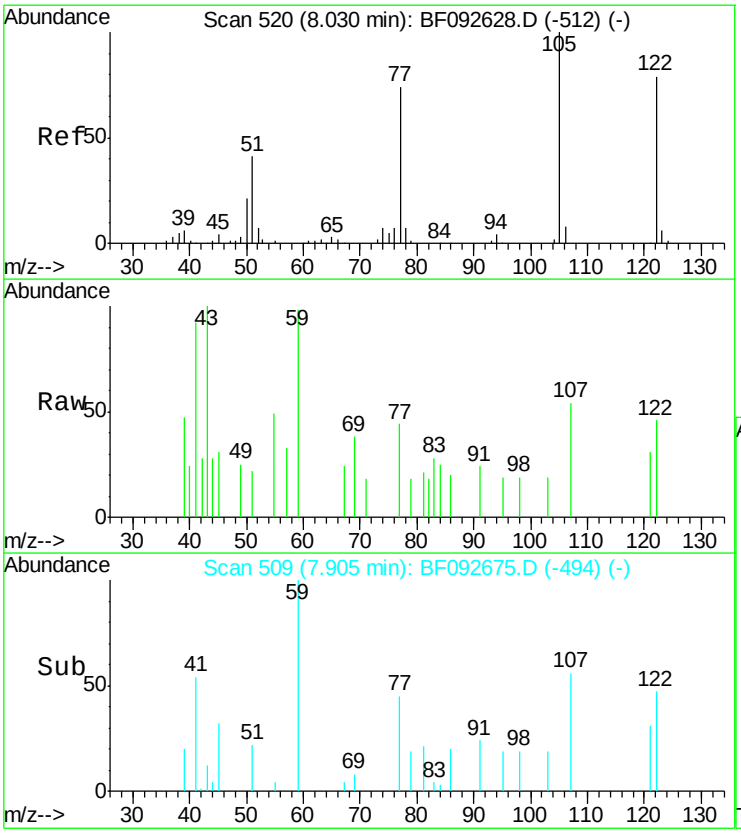
#25
Isophorone
Concen: 48.28 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion: 82 Resp: 1057152

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

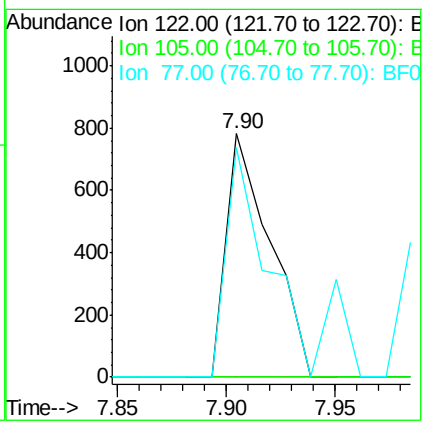


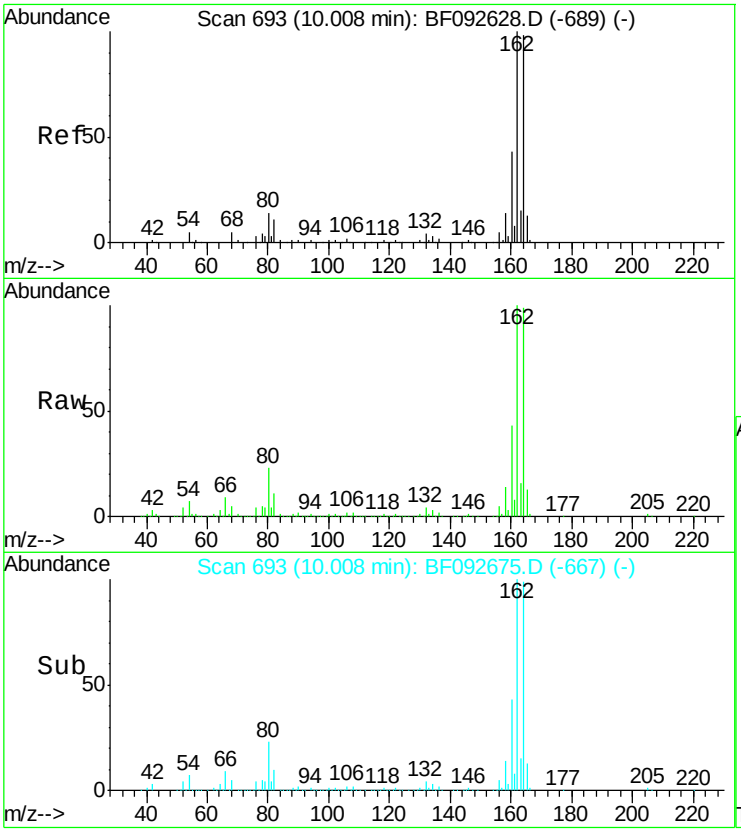


#32
Benzoic acid
Concen: 7.33 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.13 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:122 Resp: 1097

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	94.2	74.5	114.5



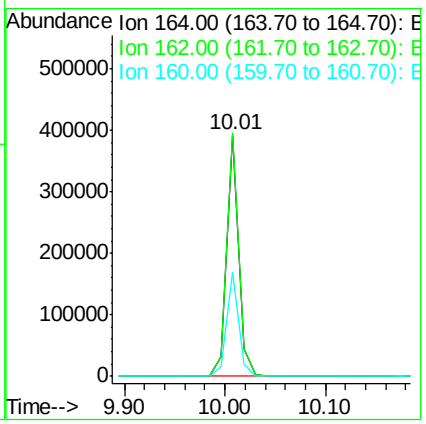


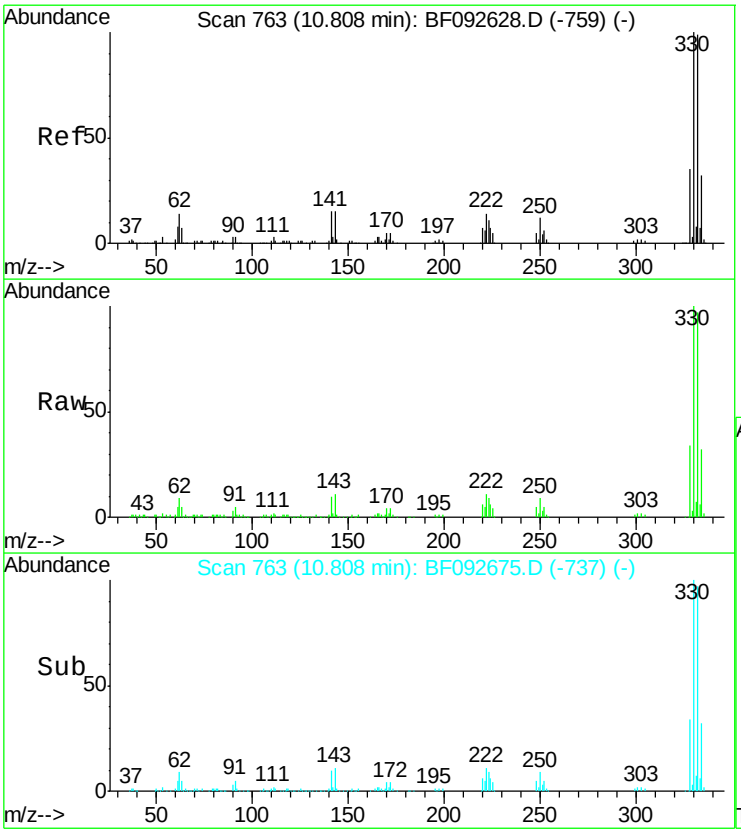
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:164 Resp: 325596

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	43.3	36.9	55.3

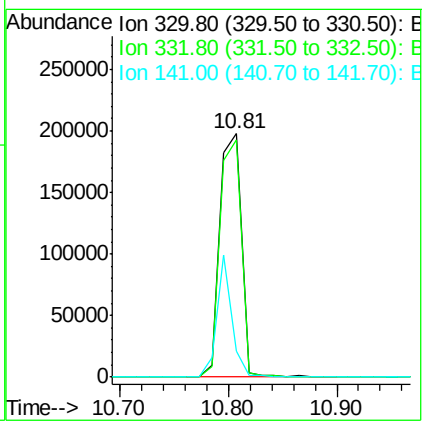


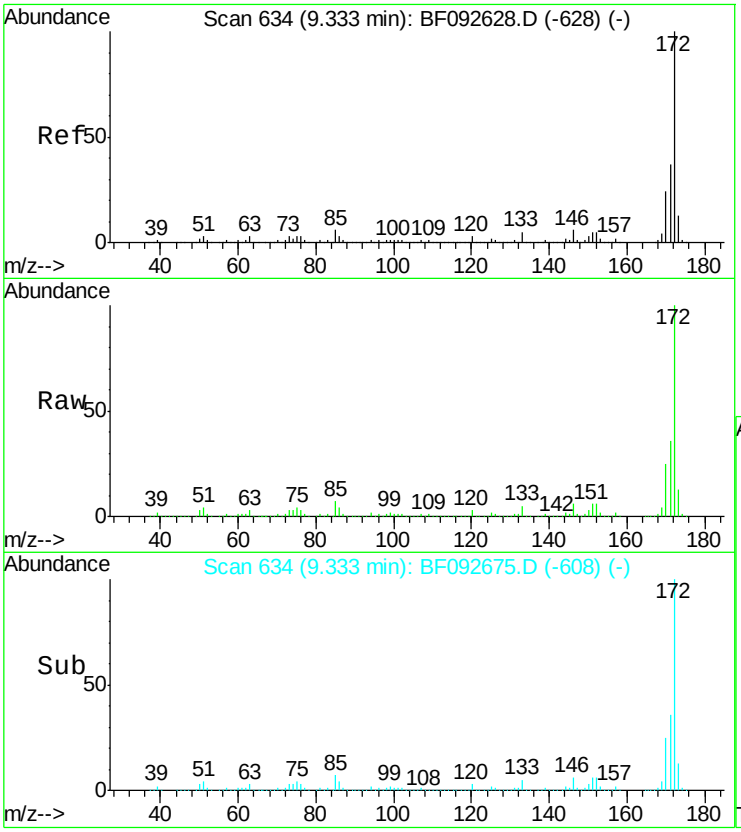


#41
2,4,6-Tribromophenol
Concen: 116.45 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:330 Resp: 274230

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	35.1	34.1	51.1



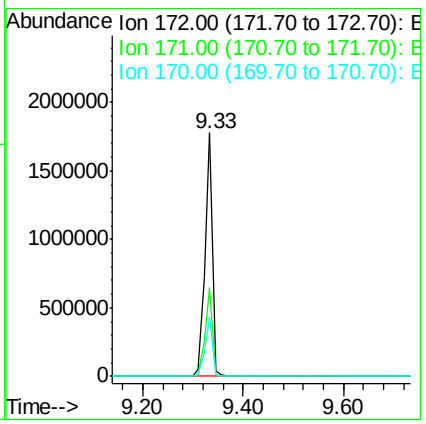


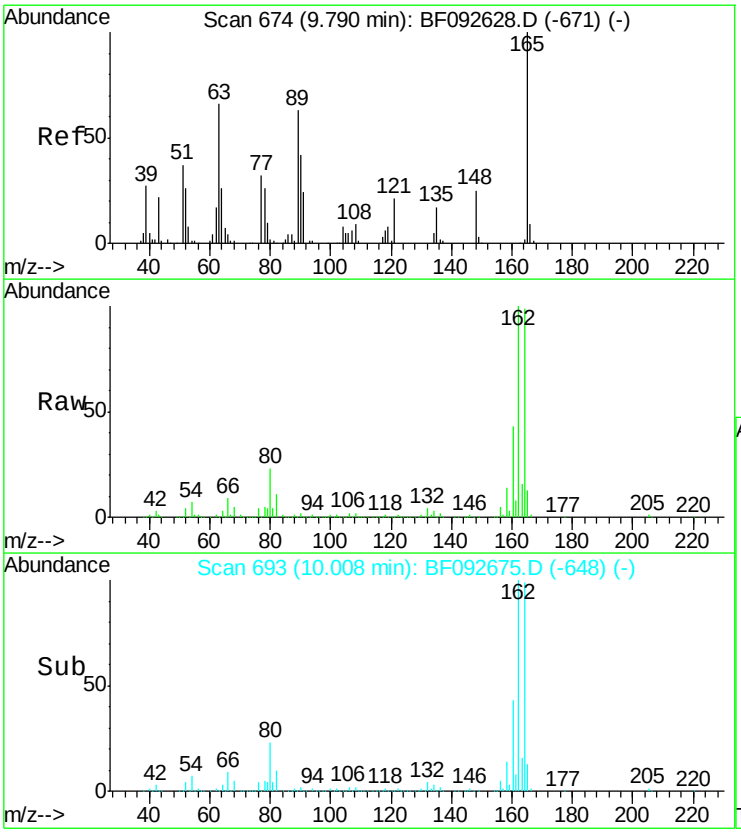
#44
2-Fluorobiphenyl
Concen: 100.66 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:172 Resp: 1809111

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4

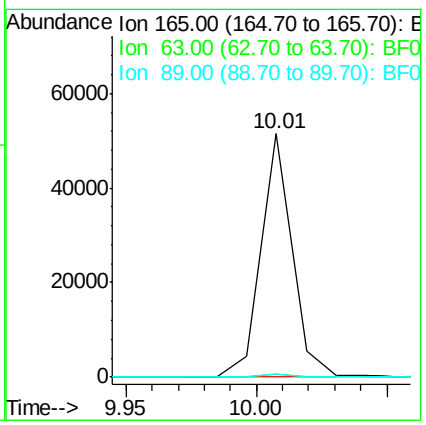


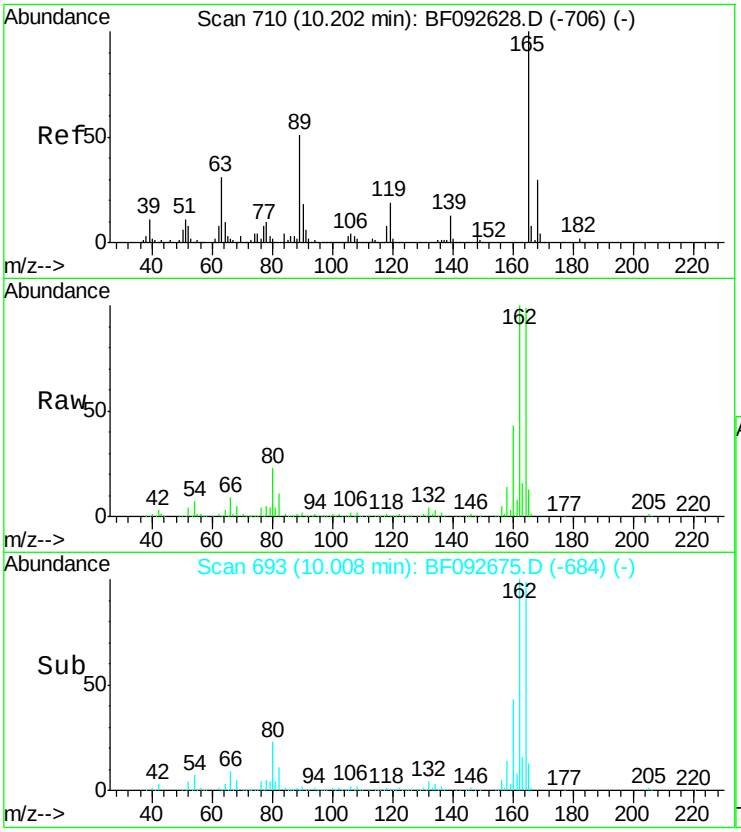


#50
2,6-Dinitrotoluene
Concen: 8.94 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.22 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:165 Resp: 42360

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.2	40.2	60.4#



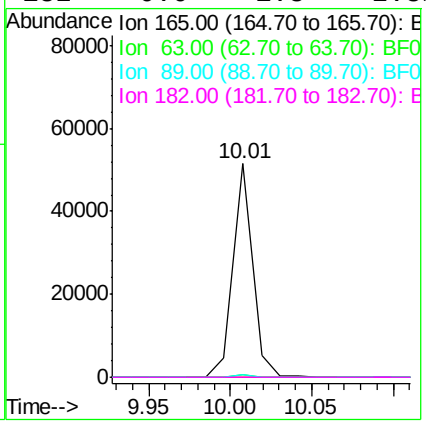


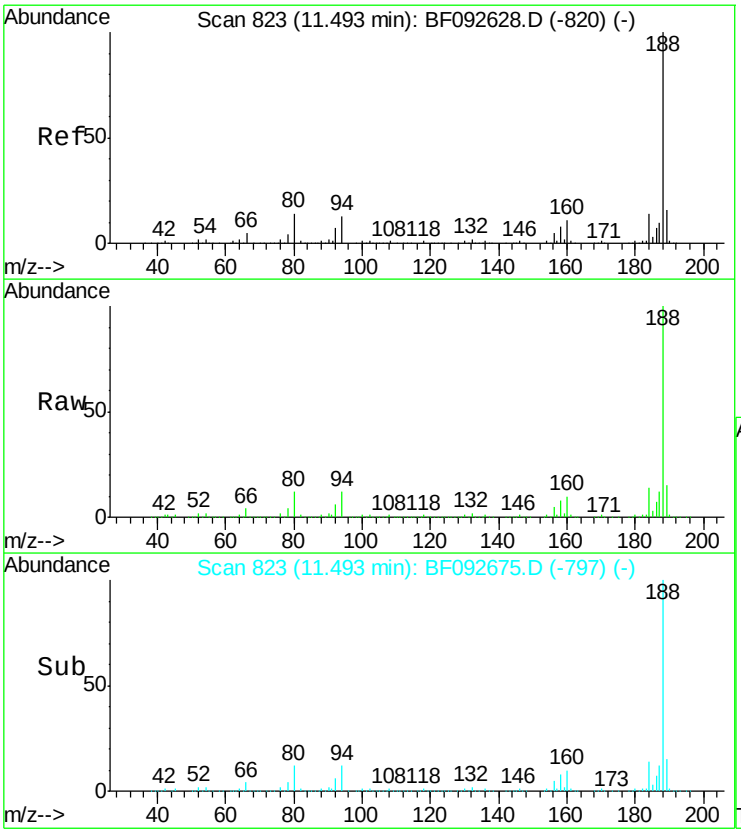
#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:165 Resp: 42659

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

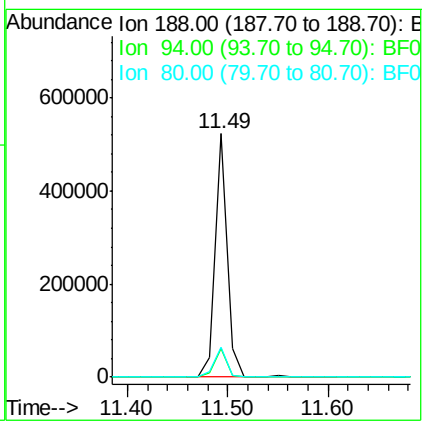


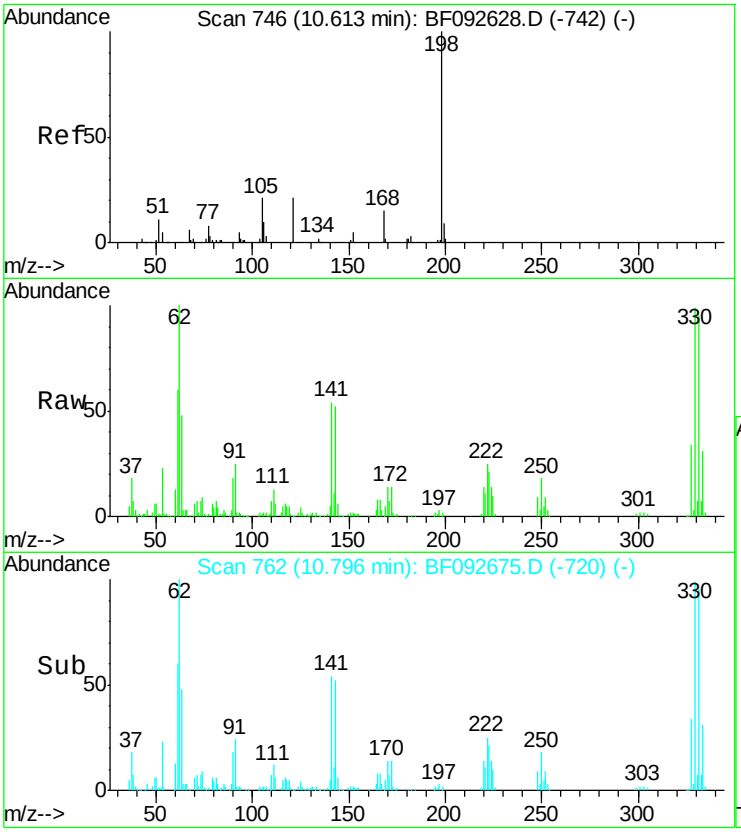


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:188 Resp: 435812

Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.0	15.0
80	12.4	11.2	16.8



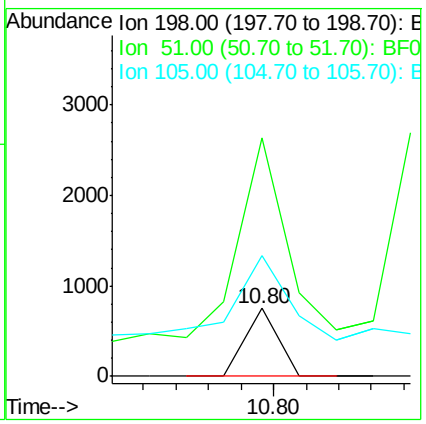


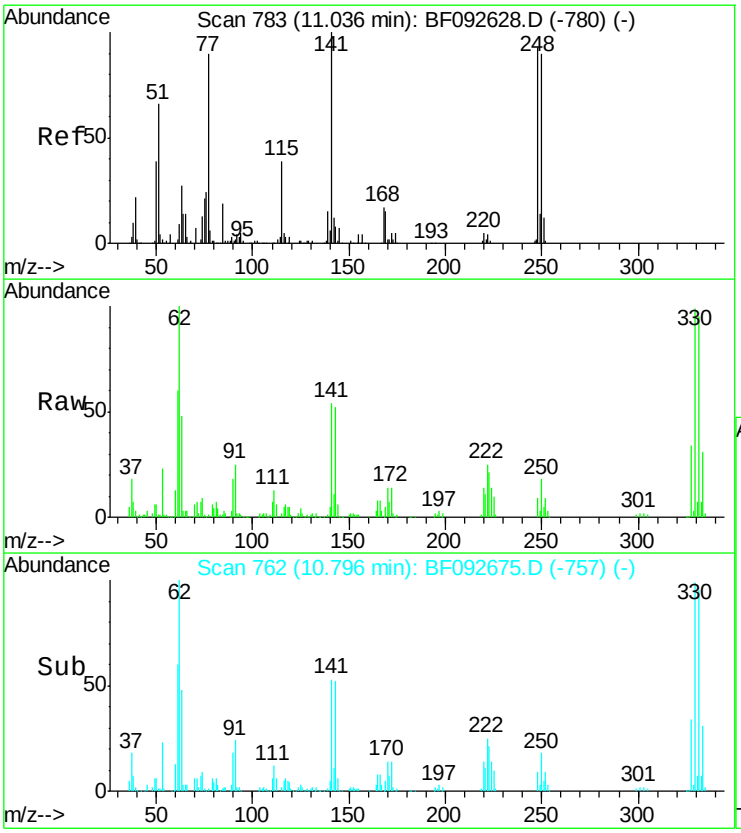
#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:198 Resp: 515

Ion	Ratio	Lower	Upper
198	100		
51	351.9	6.7	46.7#
105	177.4	16.6	56.6#

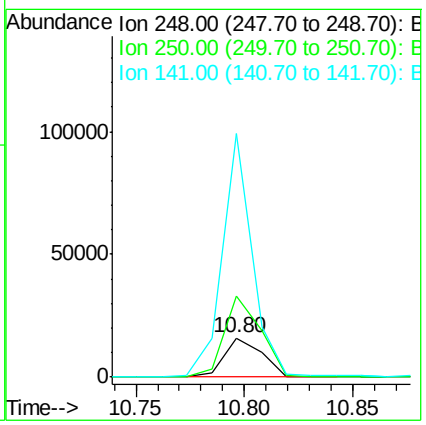


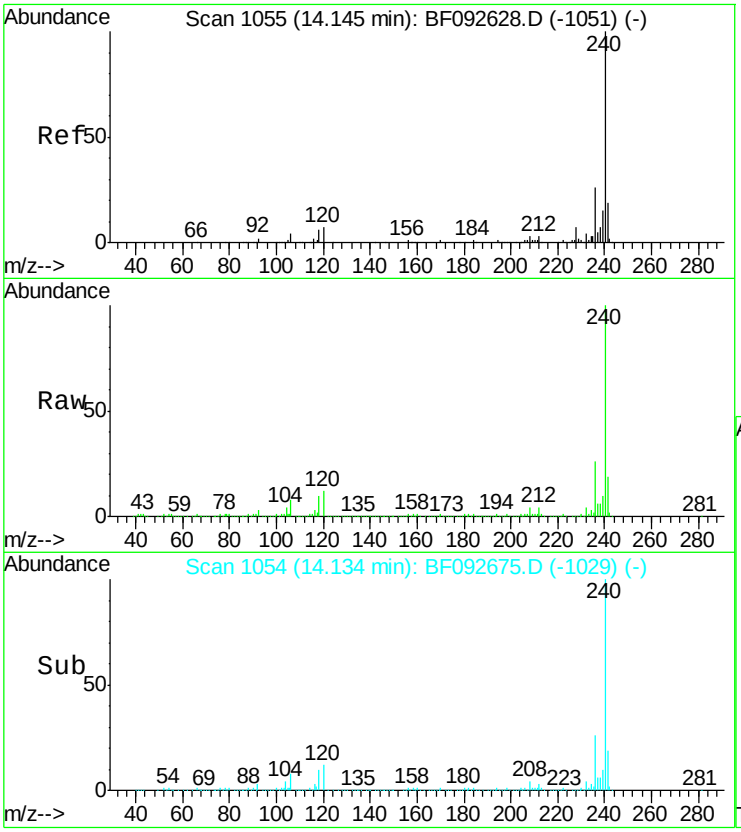


#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:248 Resp: 19134

Ion	Ratio	Lower	Upper
248	100		
250	205.2	76.9	115.3#
141	618.8	68.2	102.4#



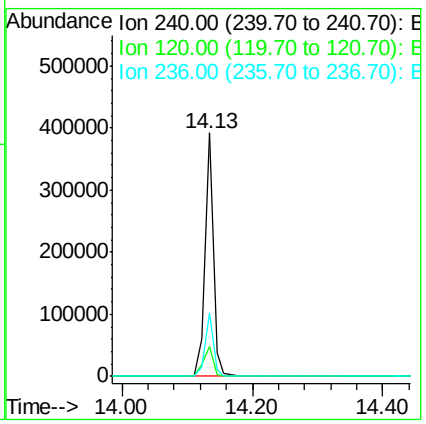


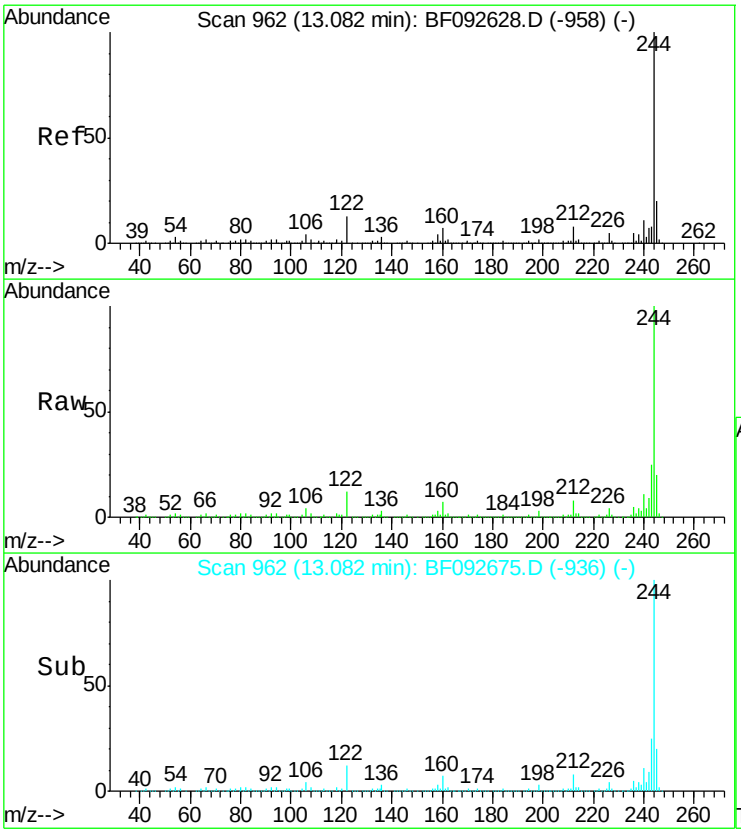
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:240 Resp: 345791

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.9	19.3#
236	26.1	20.9	31.3

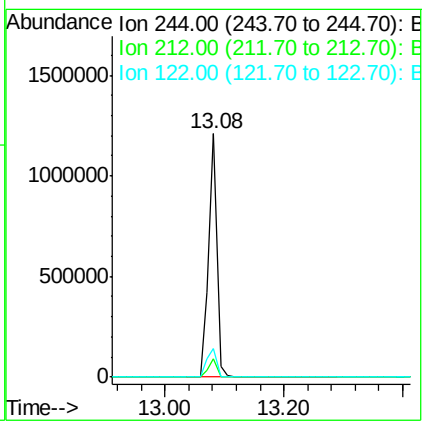


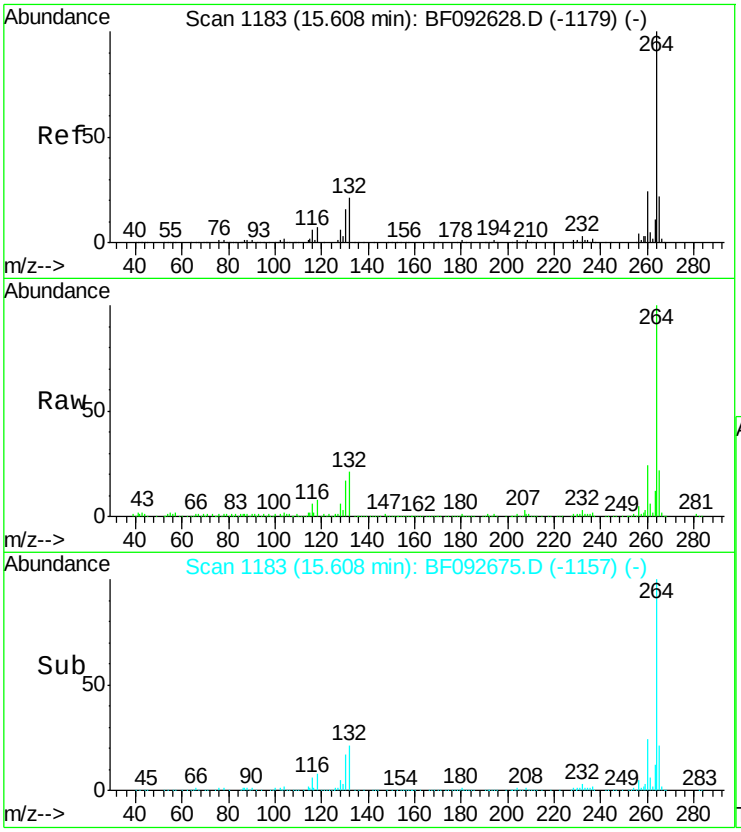


#78
Terphenyl-d14
Concen: 79.64 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Tgt Ion:244 Resp: 1171998

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092675.D
Acq: 31 Jan 2017 11:18

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:264 Resp: 229476

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.4	26.0