Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092491.D
Acq On : 25 Jan 2017 21:57
Operator : SJ/MA
Sample : I1398-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 09:58:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164146	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	643399	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	333305	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	580446	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	520431	20.00	ng	-0.02
86) Perylene-d12	15.62	264	447074	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	533231	50.54	ng	0.00
7) Phenol-d6	6.58	99	503417	37.46	ng	-0.01
23) Nitrobenzene-d5	7.53	82	879511	74.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	339897	149.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1583210	87.84	ng	-0.01
78) Terphenyl-d14	13.10	244	1629786	83.39	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	20904	2.19	ng	# 74
19) n-Nitroso-di-n-propylamine	7.53	70	115391	12.61	ng	# 85
25) Isophorone	7.53	82	713663	30.75	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	43076	9.94	ng	# 30
56) 2,4-Dinitrotoluene	10.02	165	43078	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	457	5.08	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23989	4.09	ng	# 1

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

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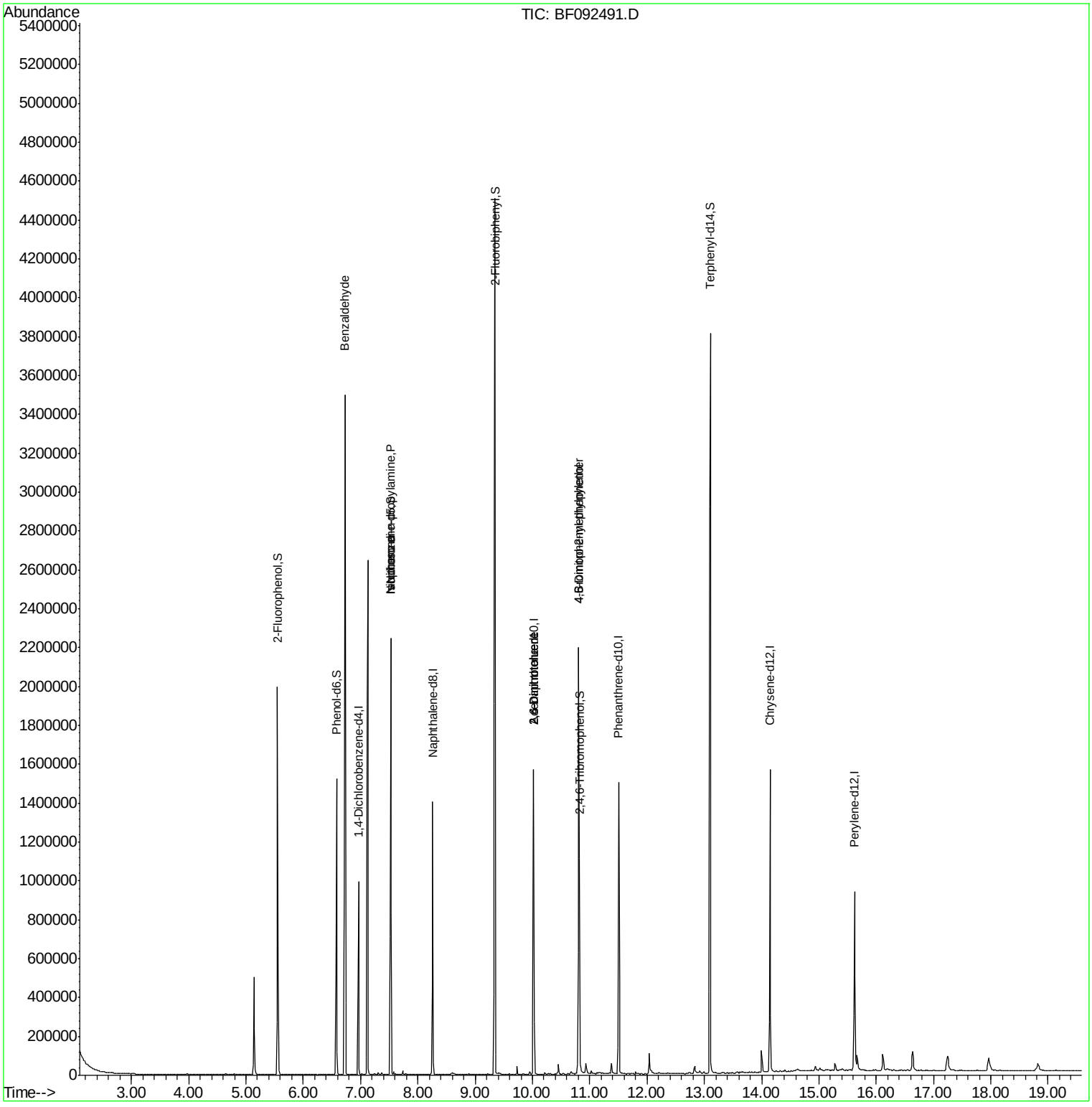
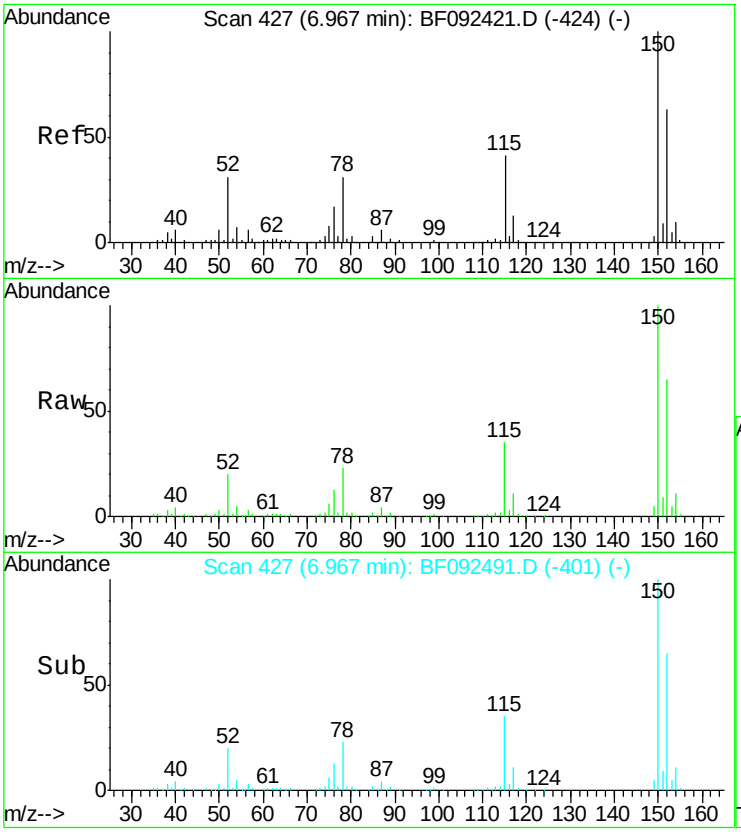


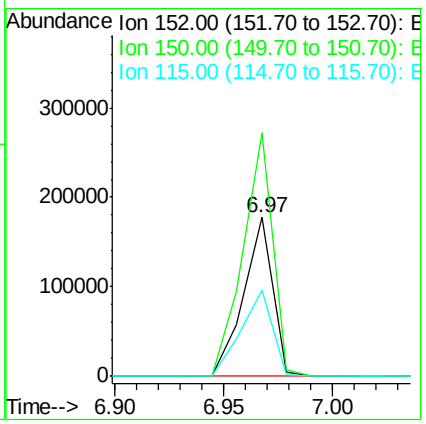


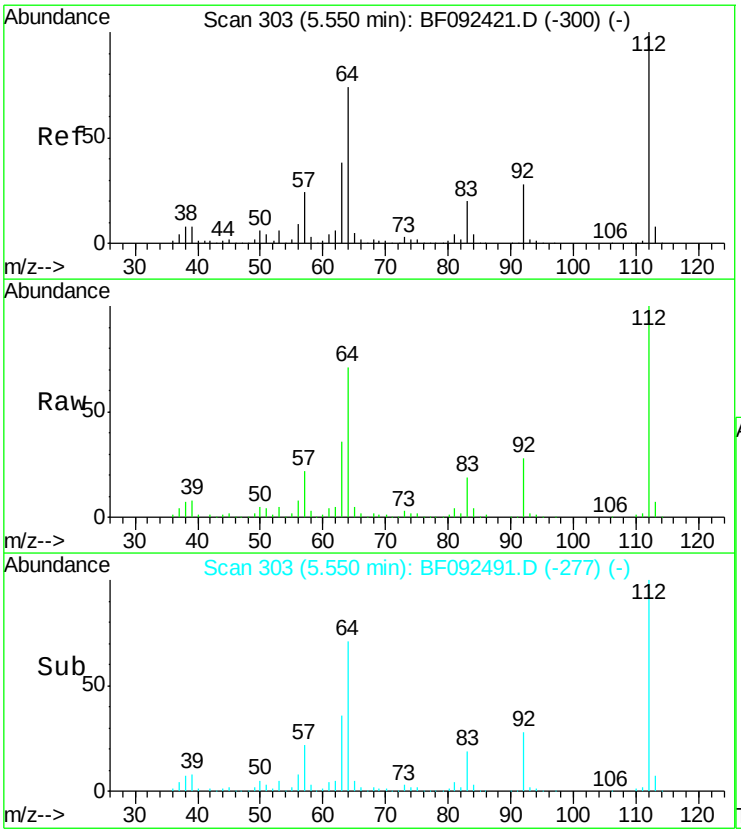
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164146

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.9	187.3
115	54.2	46.0	69.0

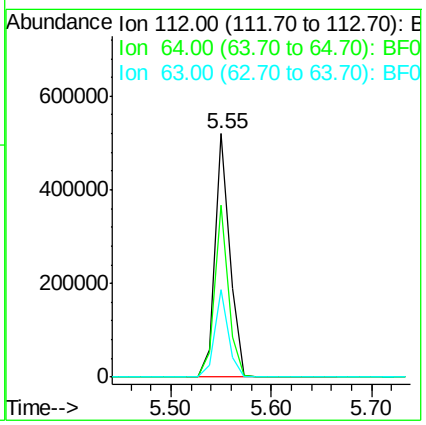


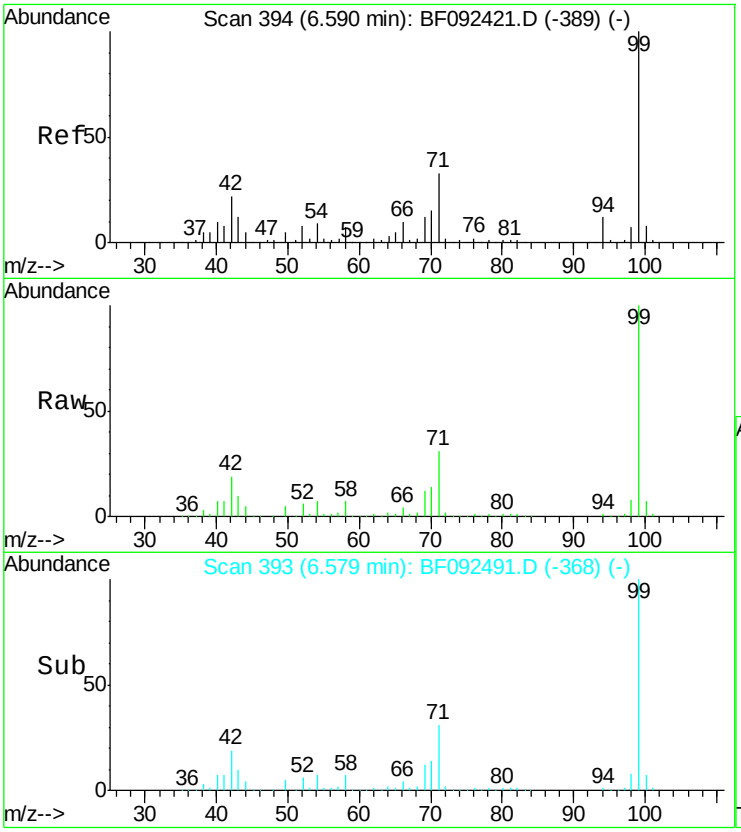


#5
2-Fluorophenol
Concen: 50.54 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:112 Resp: 533231

Ion	Ratio	Lower	Upper
112	100		
64	70.6	46.1	69.1#
63	35.7	23.8	35.6#



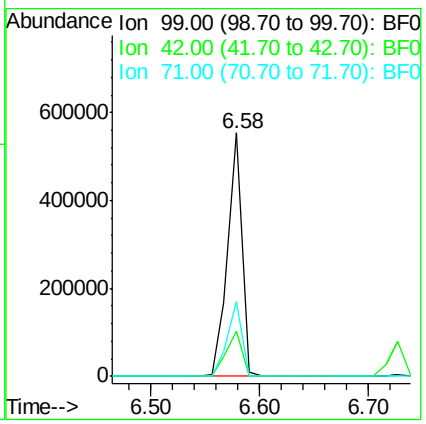


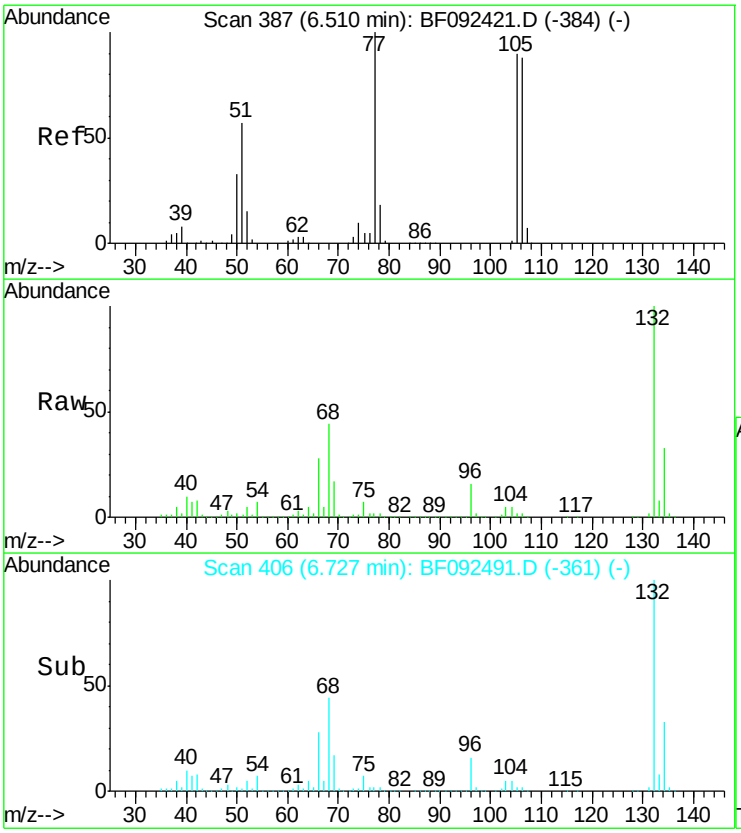
#7
Phenol-d6
Concen: 37.46 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 503417

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	30.7	27.5	41.3

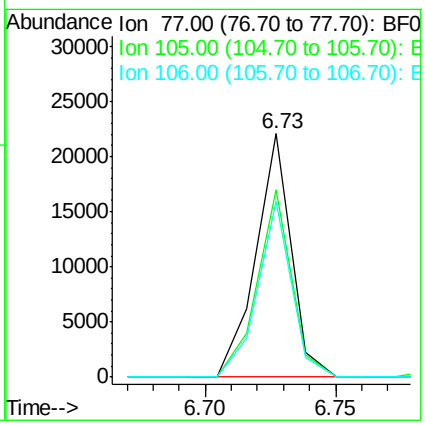


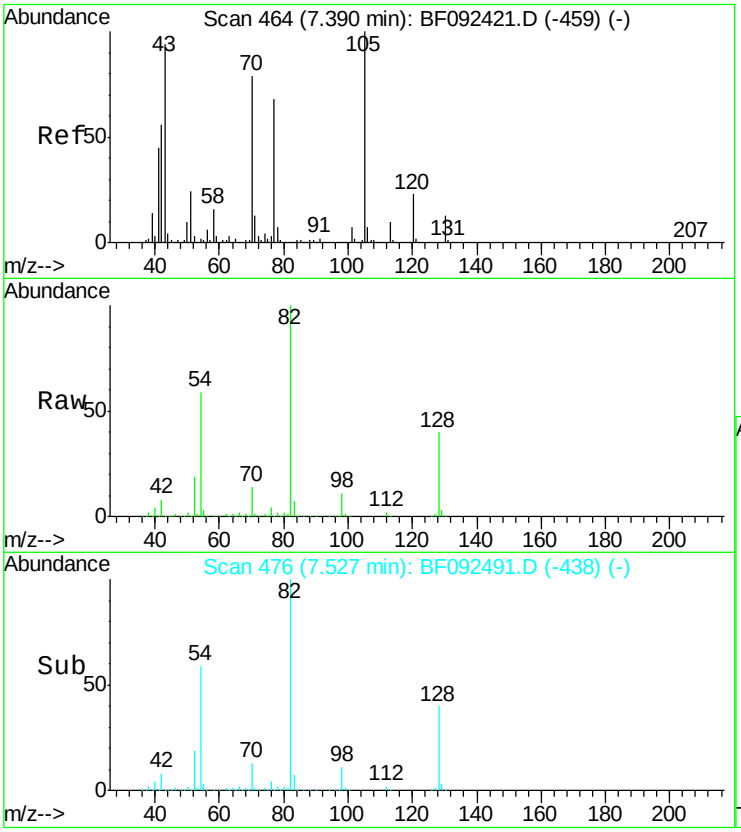


#9
Benzaldehyde
Concen: 2.19 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.22 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion: 77 Resp: 20904

Ion	Ratio	Lower	Upper
77	100		
105	77.0	83.9	123.9#
106	72.4	77.6	117.6#



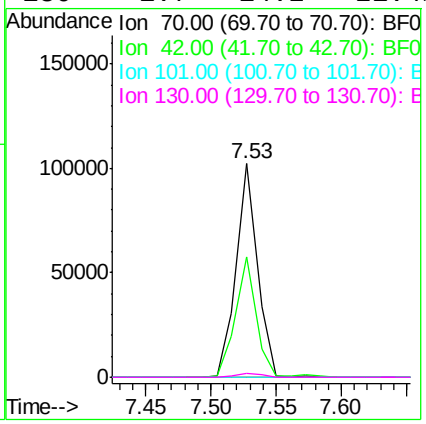


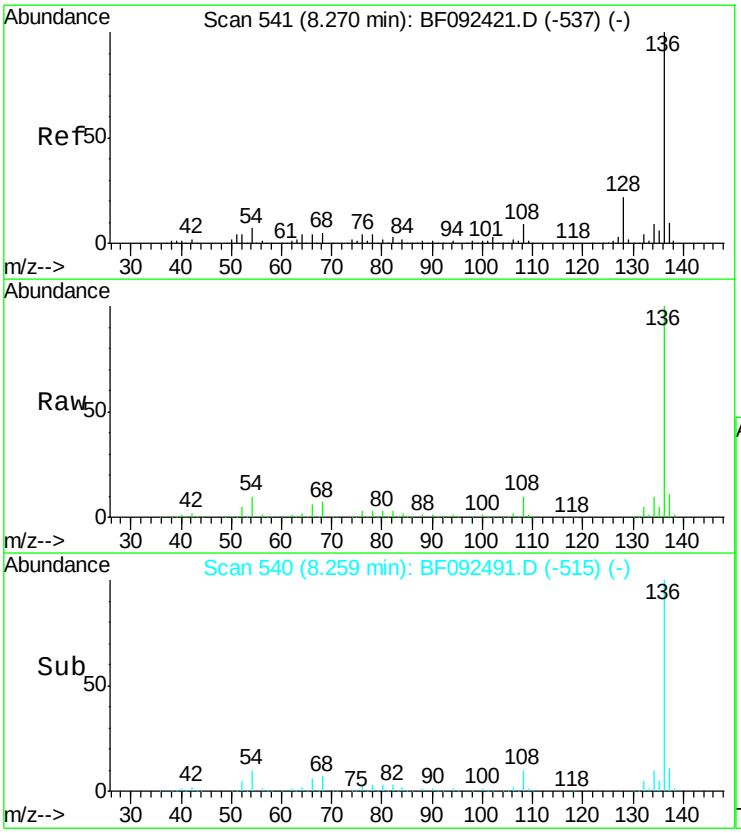
#19
n-Nitroso-di-n-propylamine
Concen: 12.61 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 115391

Ion	Ratio	Lower	Upper
70	100		
42	56.3	49.4	74.0
101	0.0	7.4	11.2#
130	1.7	14.2	21.4#

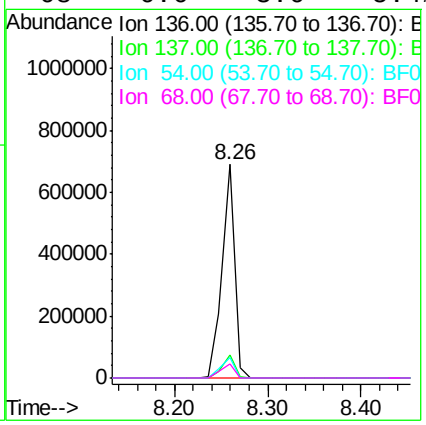


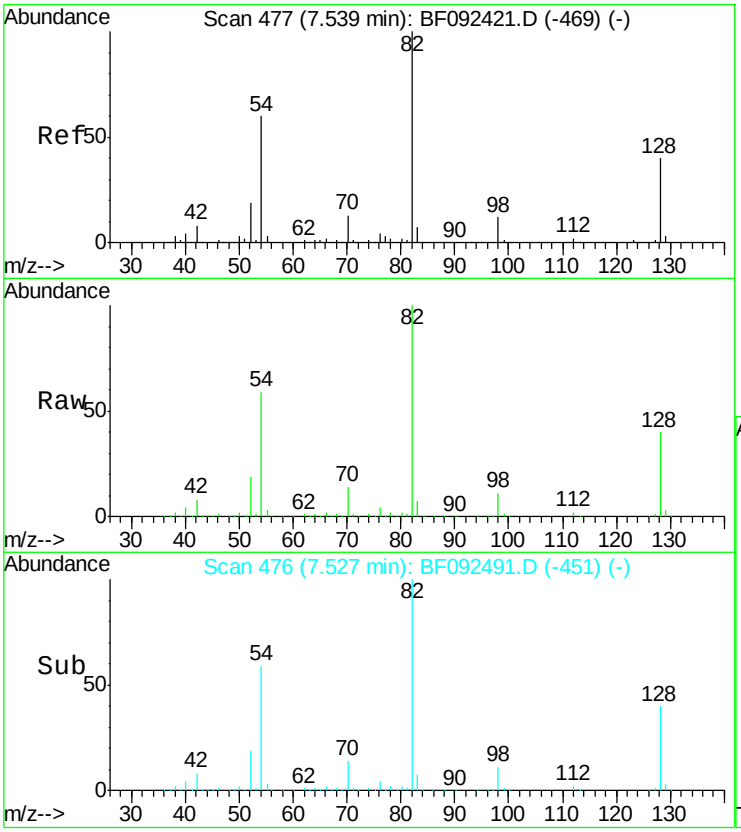


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:136 Resp: 643399

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.8	4.5	6.7#
68	6.6	3.6	5.4#



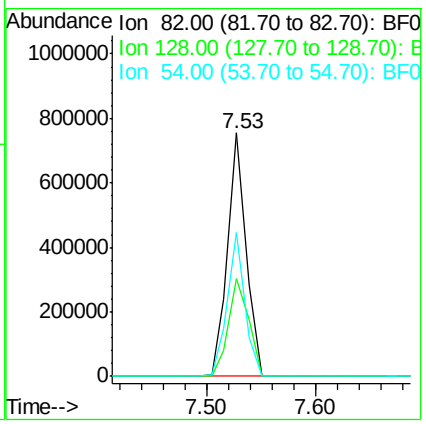


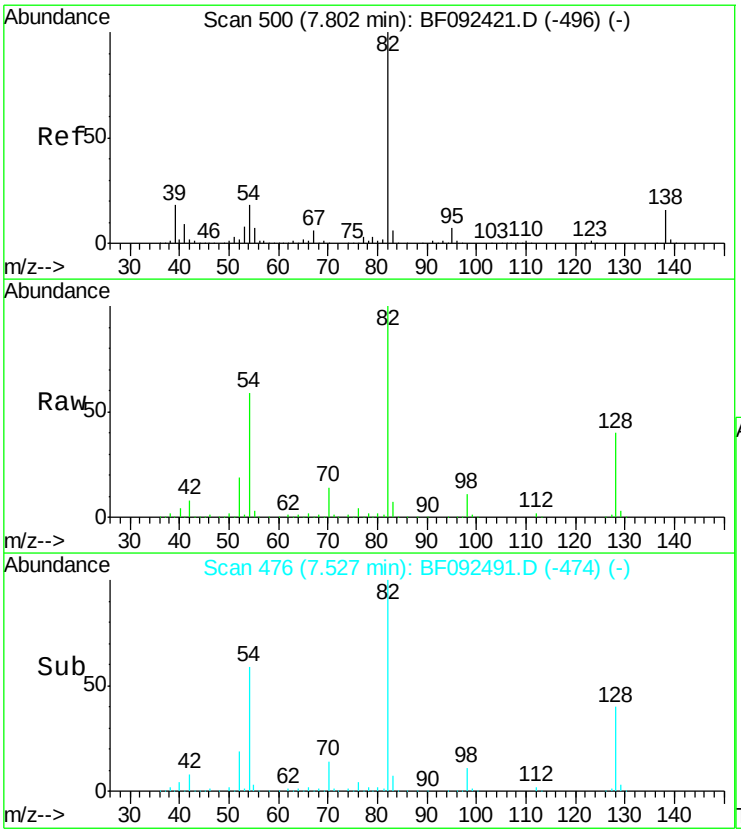
#23
Nitrobenzene-d5
Concen: 74.67 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 879511

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	59.2	39.5	59.3

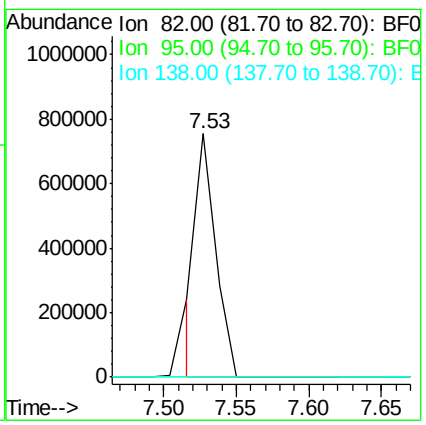


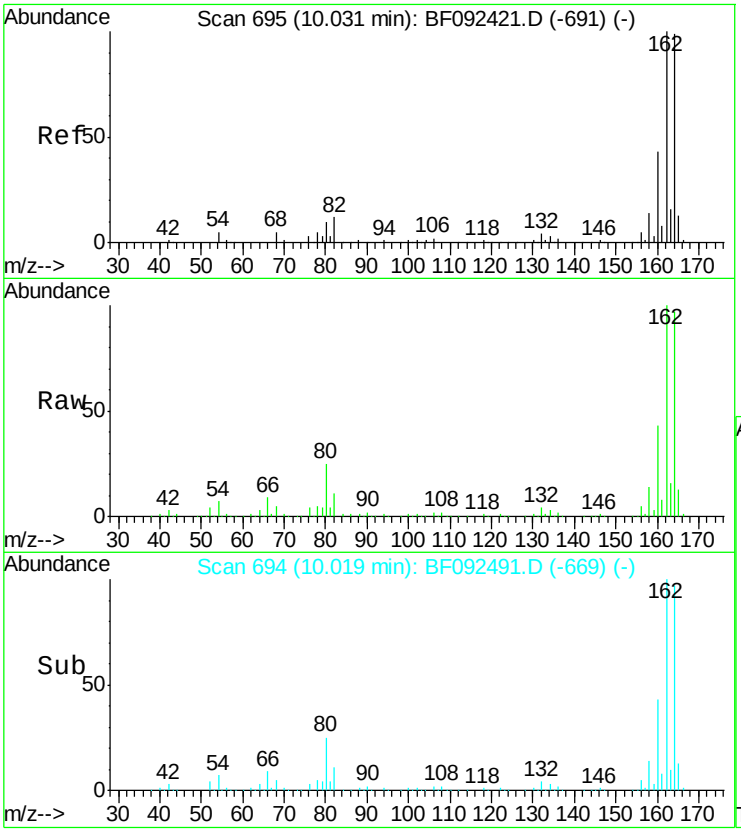


#25
Isophorone
Concen: 30.75 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion: 82 Resp: 713663

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



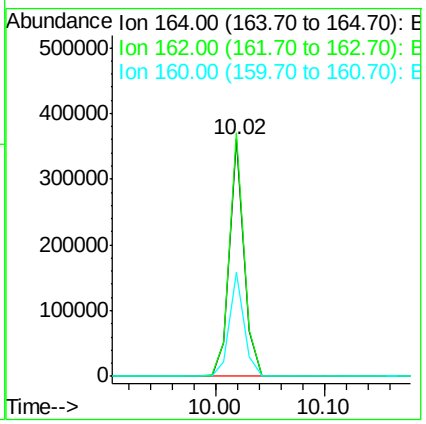


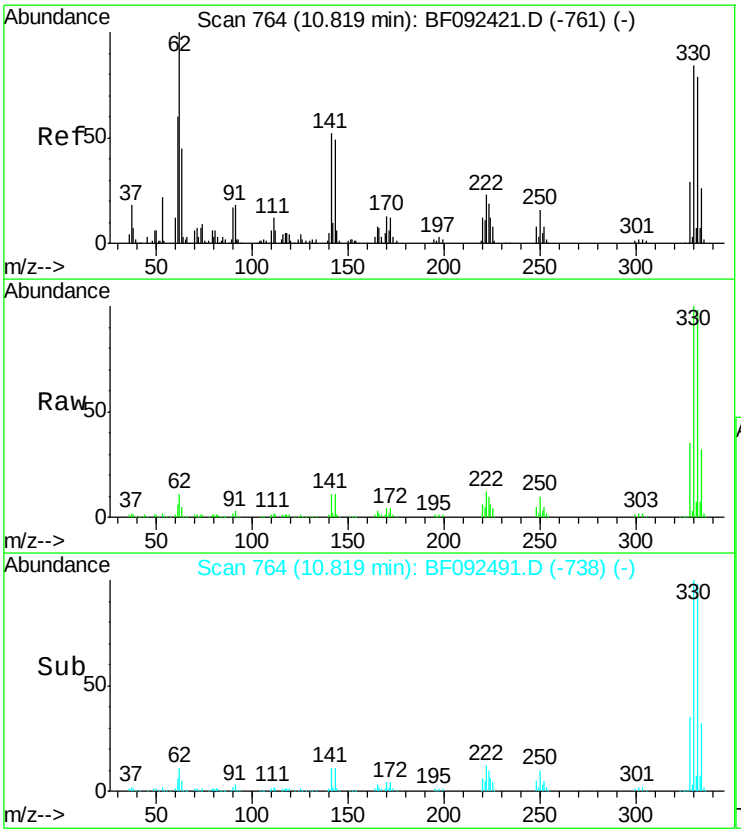
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 333305

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	43.7	36.9	55.3

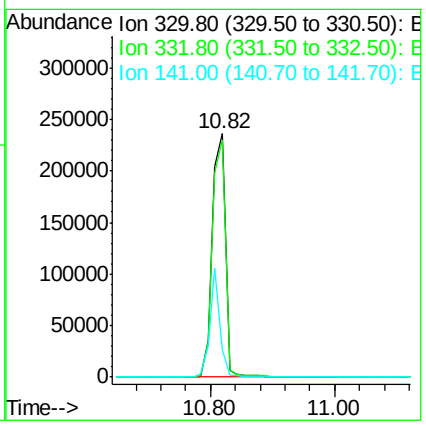


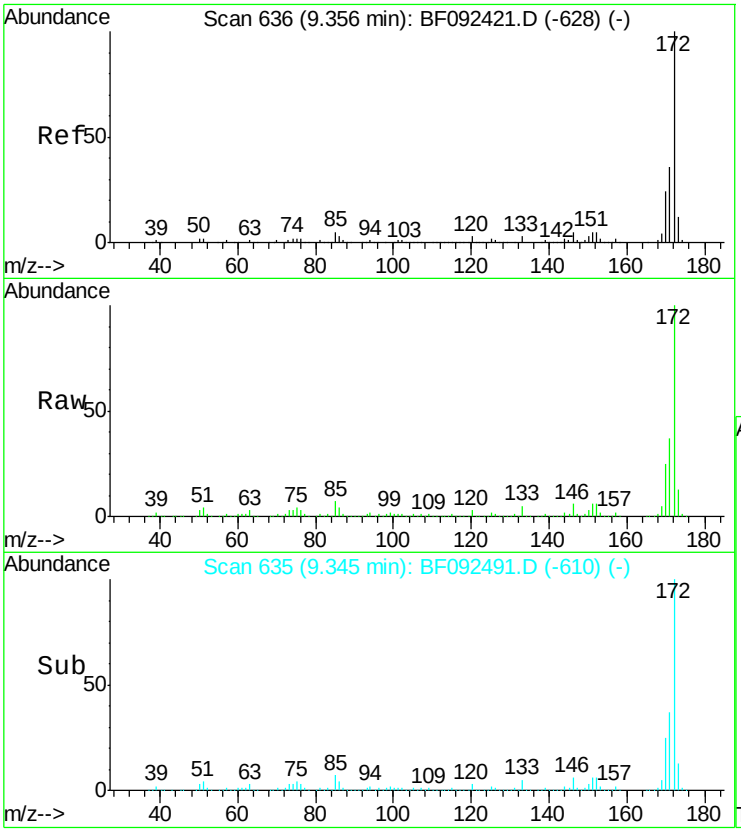


#41
2,4,6-Tribromophenol
Concen: 149.65 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:330 Resp: 339897

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	34.3	34.1	51.1



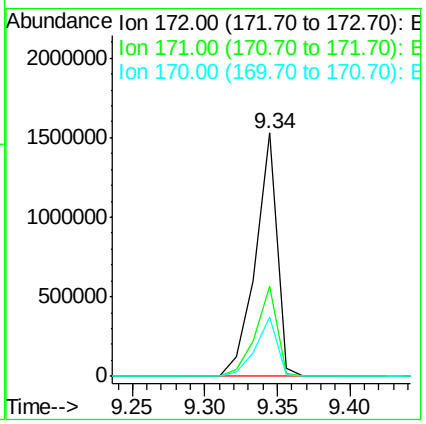


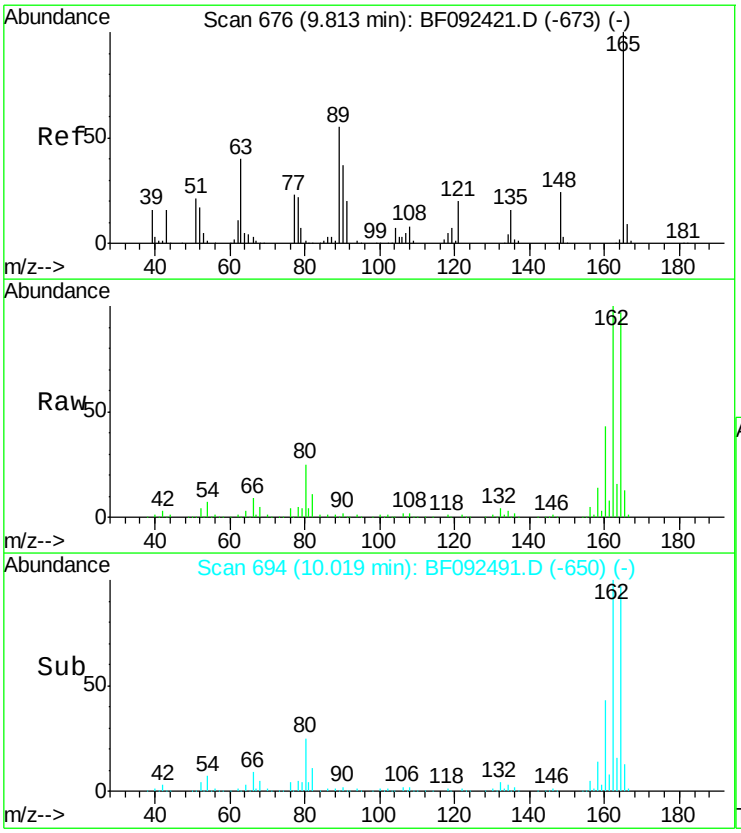
#44
2-Fluorobiphenyl
Concen: 87.84 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1583210

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	20.2	30.4

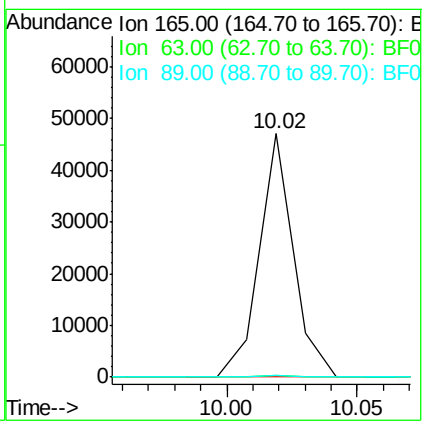


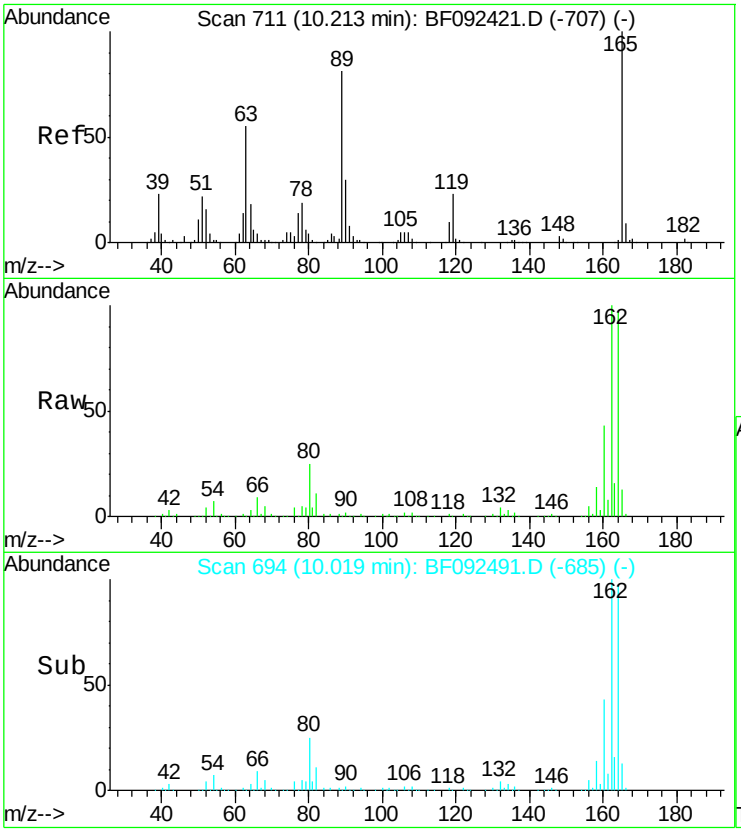


#50
2,6-Dinitrotoluene
Concen: 9.94 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:165 Resp: 43076

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.8	40.2	60.4#



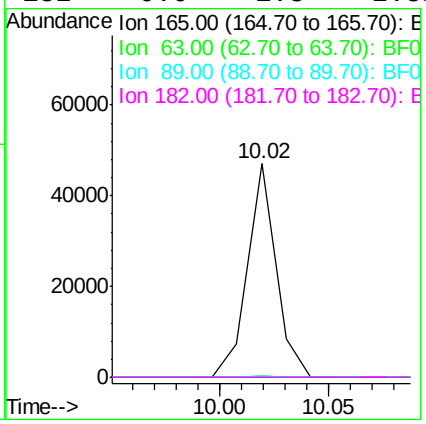


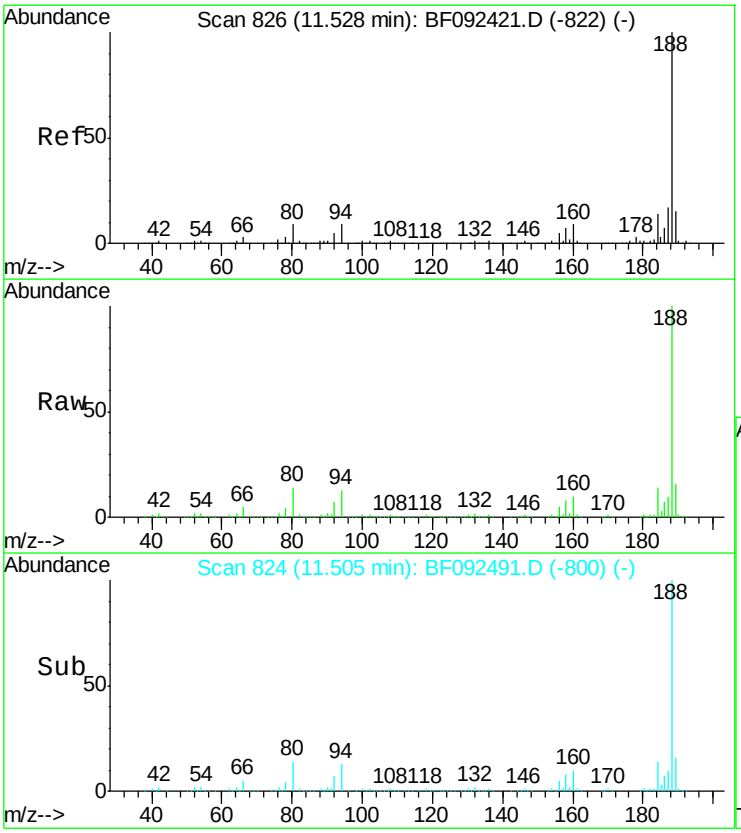
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 43078

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

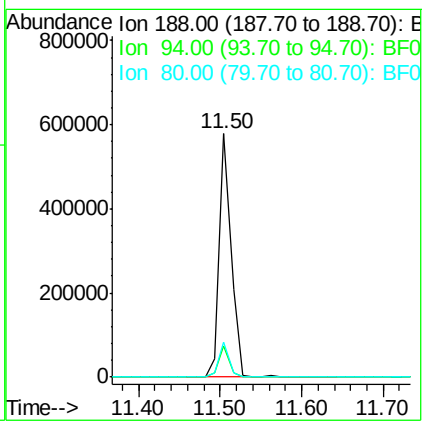


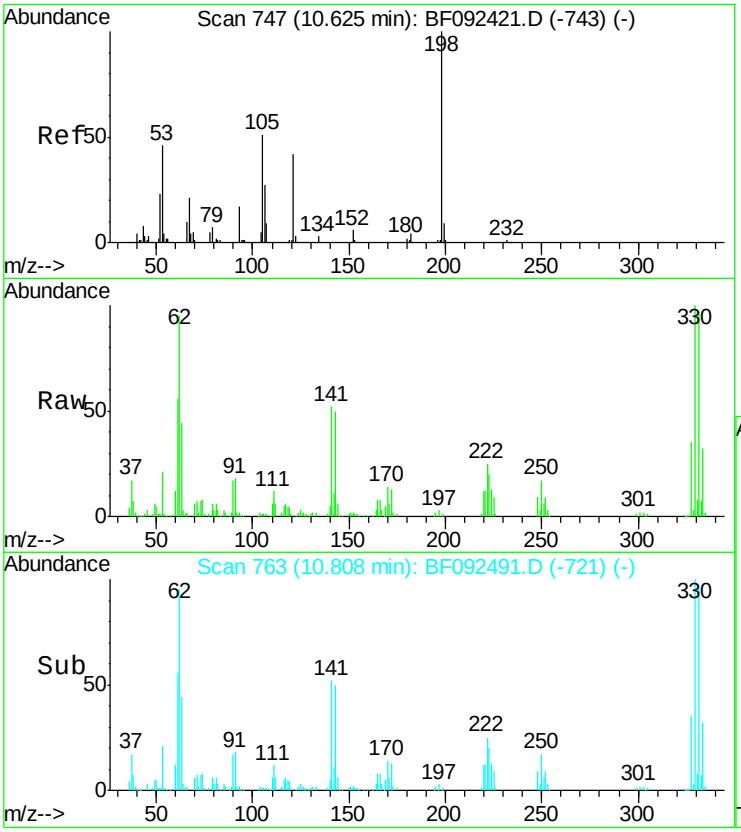


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:188 Resp: 580446

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.0	15.0
80	14.2	11.2	16.8



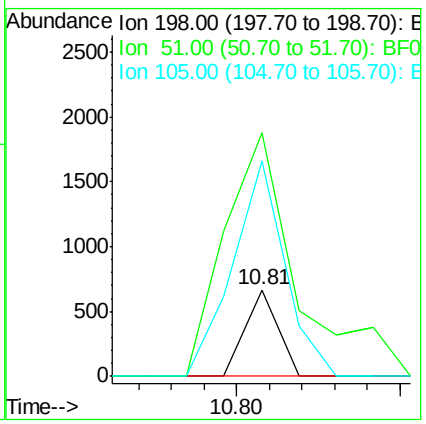


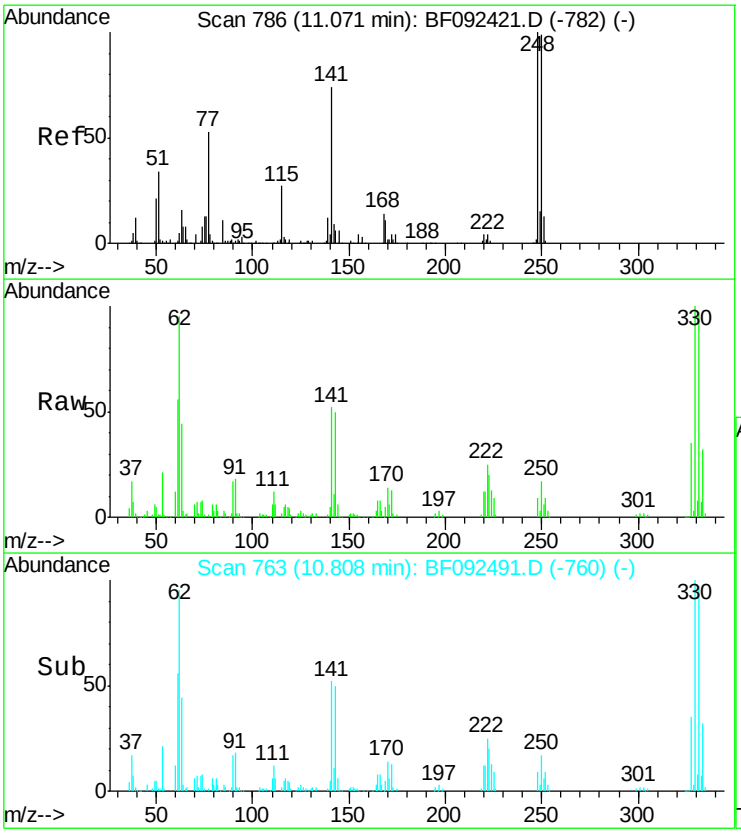
#64
4,6-Dinitro-2-methylphenol
Concen: 5.08 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.18 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	281.8	6.7	46.7#
105	250.2	16.6	56.6#

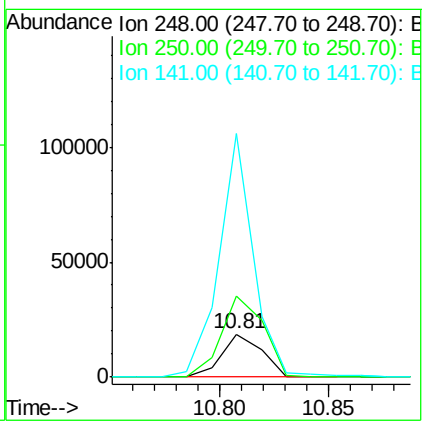


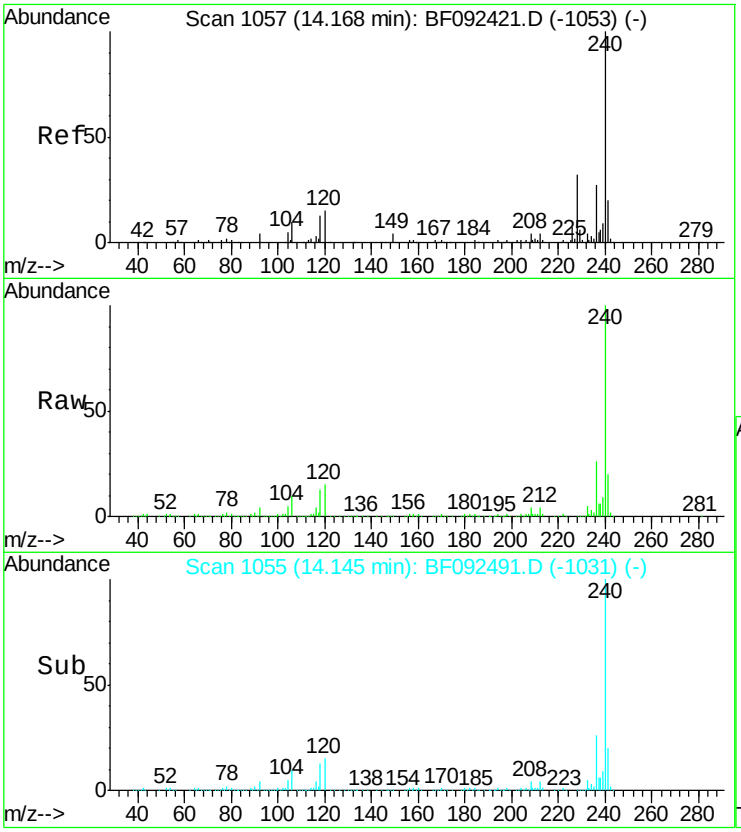


#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.26 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:248 Resp: 23989

Ion	Ratio	Lower	Upper
248	100		
250	190.3	76.9	115.3#
141	569.0	68.2	102.4#



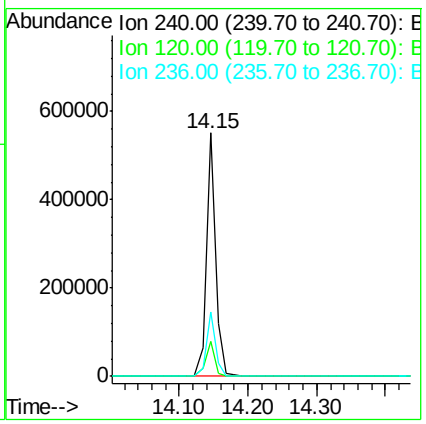


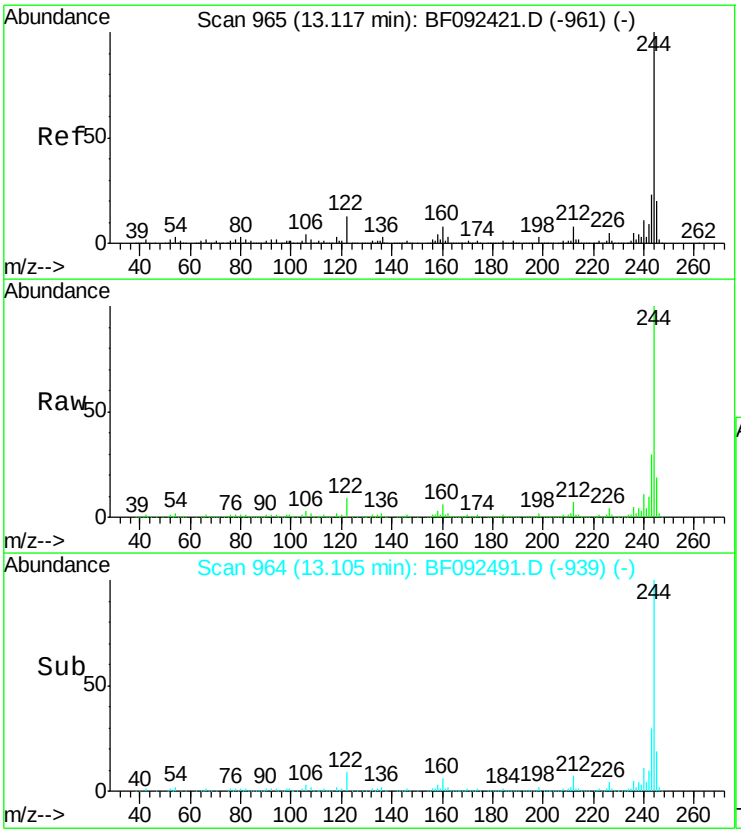
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 520431

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.9	19.3
236	26.4	20.9	31.3

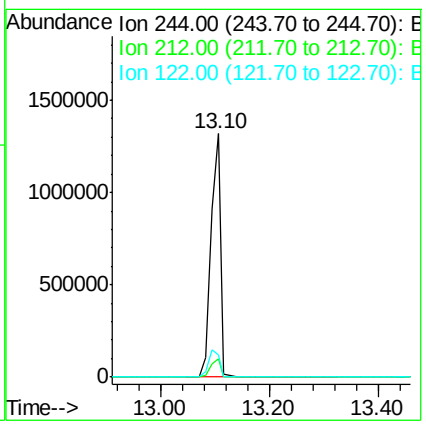


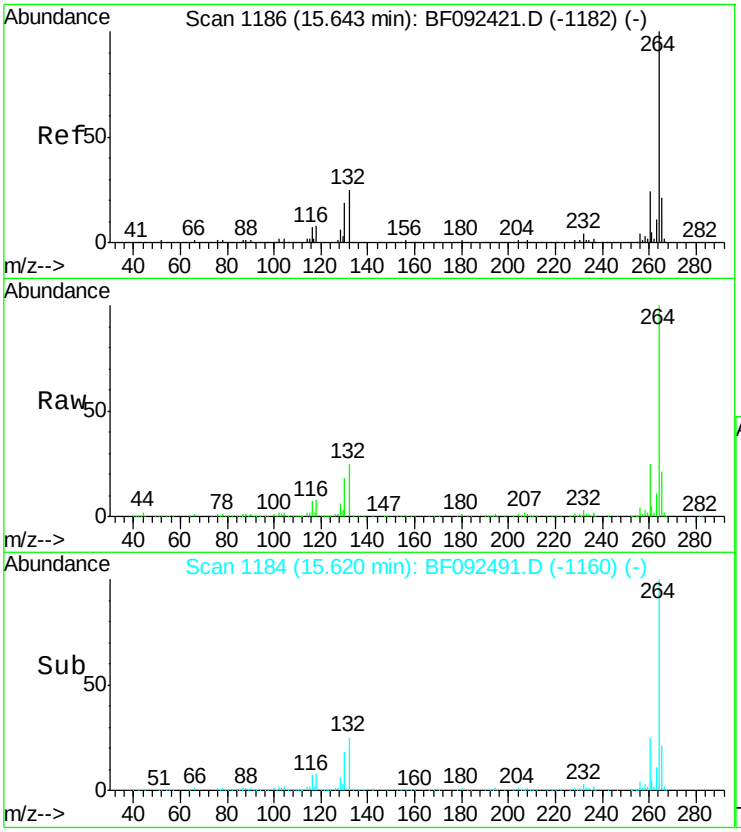


#78
Terphenyl-d14
Concen: 83.39 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:244 Resp: 1629786

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 447074

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.4	26.0