Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-43

Quant Time: Jan 27 04:53:17 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	154573	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	598181	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	352753	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	555372	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	433637	20.00	ng		-0.01
86) Perylene-d12	15.64	264	319902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	572766	57.65	ng		0.01
7) Phenol-d6	6.59	99	507570	40.11	ng		0.00
23) Nitrobenzene-d5	7.54	82	1137967	103.92	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	369411	153.67	ng		0.01
44) 2-Fluorobiphenyl	9.34	172	1699103	89.07	ng		-0.01
78) Terphenyl-d14	13.11	244	1370058	84.13	ng		-0.01
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	6.99	146	32456	2.63	ng		100
13) 1,4-Dichlorobenzene	6.99	146	32456	2.61	ng		93
14) 1,2-Dichlorobenzene	6.99	146	32456	2.75	ng		94
19) n-Nitroso-di-n-propylamine	7.54	70	155866	18.09	ng	#	82
25) Isophorone	7.54	82	1089340	50.48	ng	#	65
32) Benzoic acid	8.04	122	248	4.72	ng	#	1
49) Dimethylphthalate	9.74	163	209439	9.34	ng		99
53) 2,4-Dinitrophenol	10.18	184	322	3.03	ng	#	1
56) 2,4-Dinitrotoluene	10.03	165	48171	7.91	ng	#	21
59) Diethylphthalate	10.45	149	87648	4.07	ng		97
64) 4,6-Dinitro-2-methylphenol	10.62	198	389	5.07	ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	25740	4.59	ng	#	1

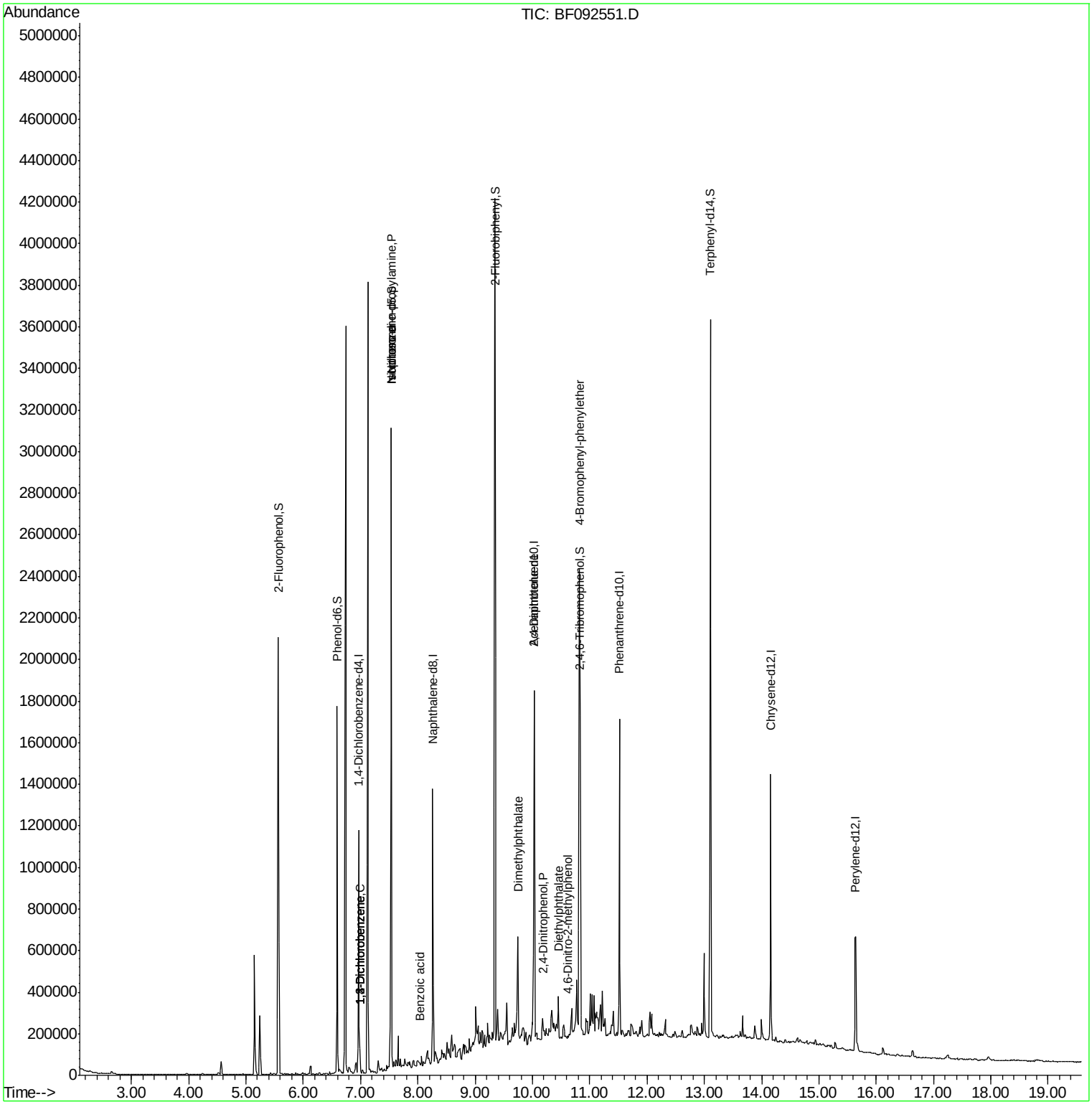
(#) = qualifier out of range (m) = manual integration (+) = signals summed

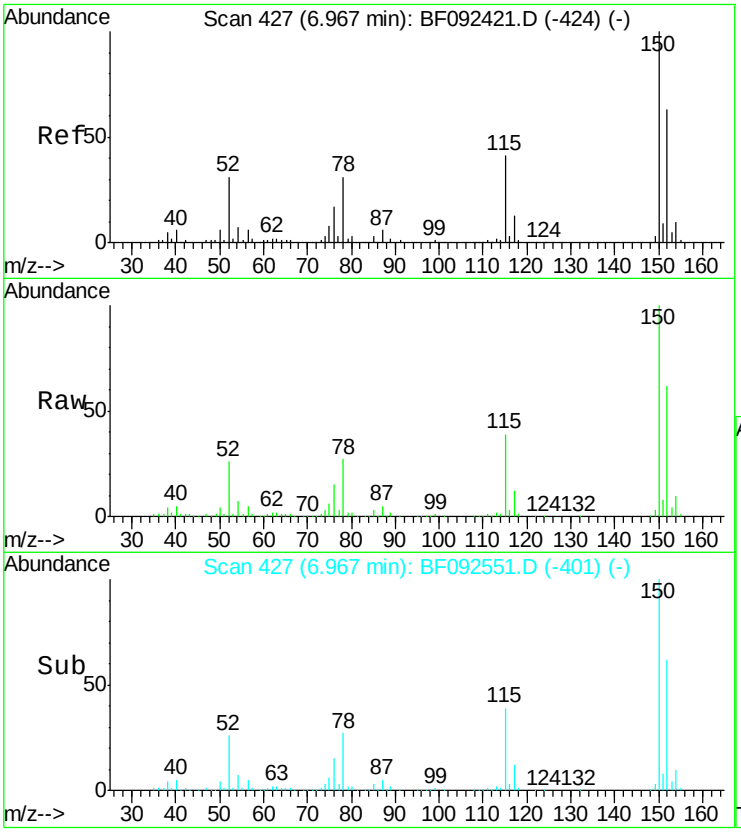
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-43

Quant Time: Jan 27 04:53:17 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



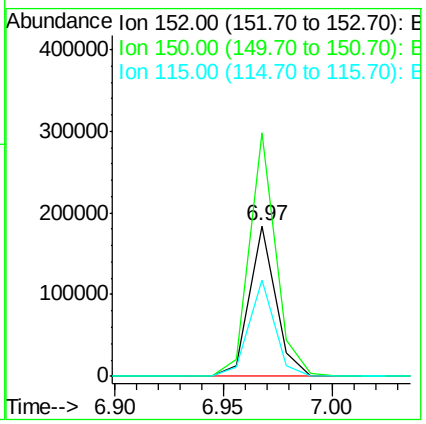


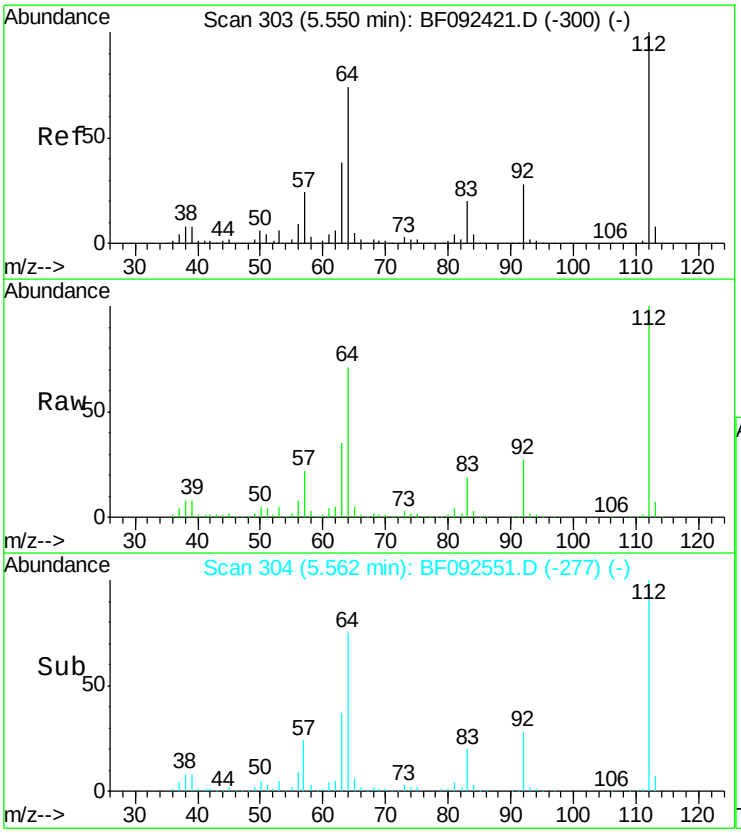
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:152 Resp: 154573

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.9	187.3
115	63.8	46.0	69.0

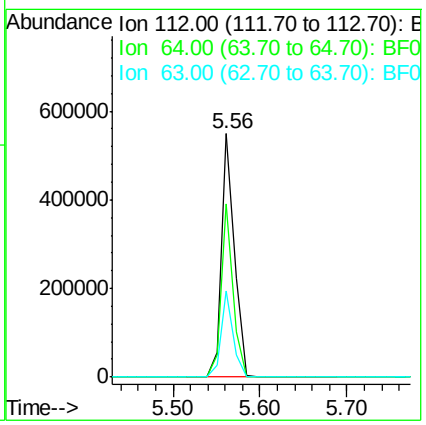


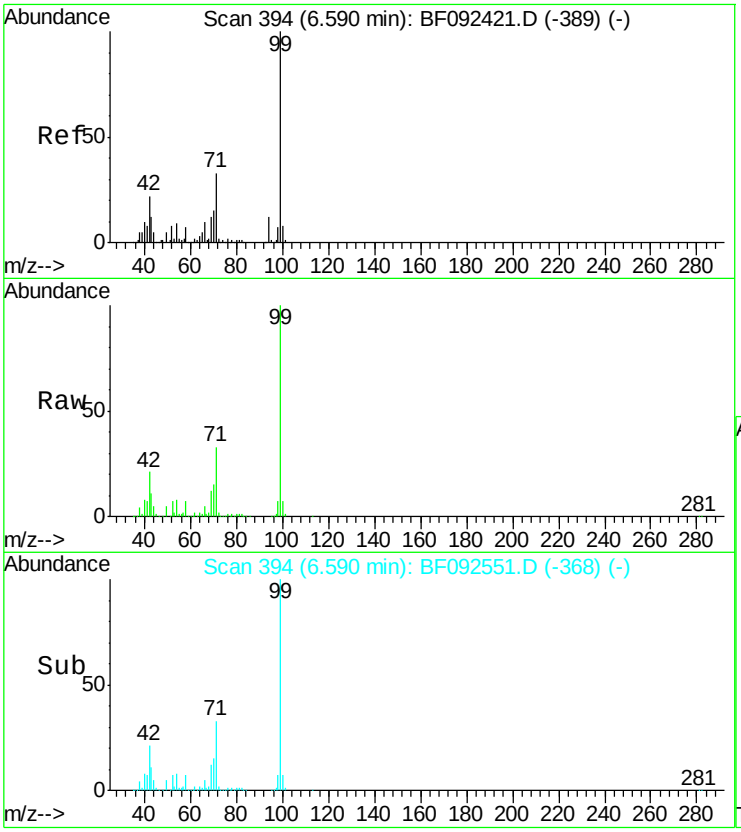


#5
2-Fluorophenol
Concen: 57.65 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:112 Resp: 572766

Ion	Ratio	Lower	Upper
112	100		
64	70.9	46.1	69.1#
63	35.2	23.8	35.6



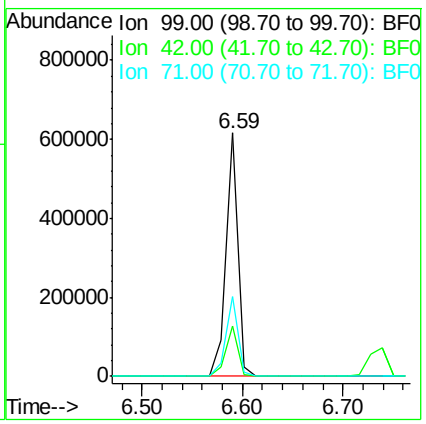


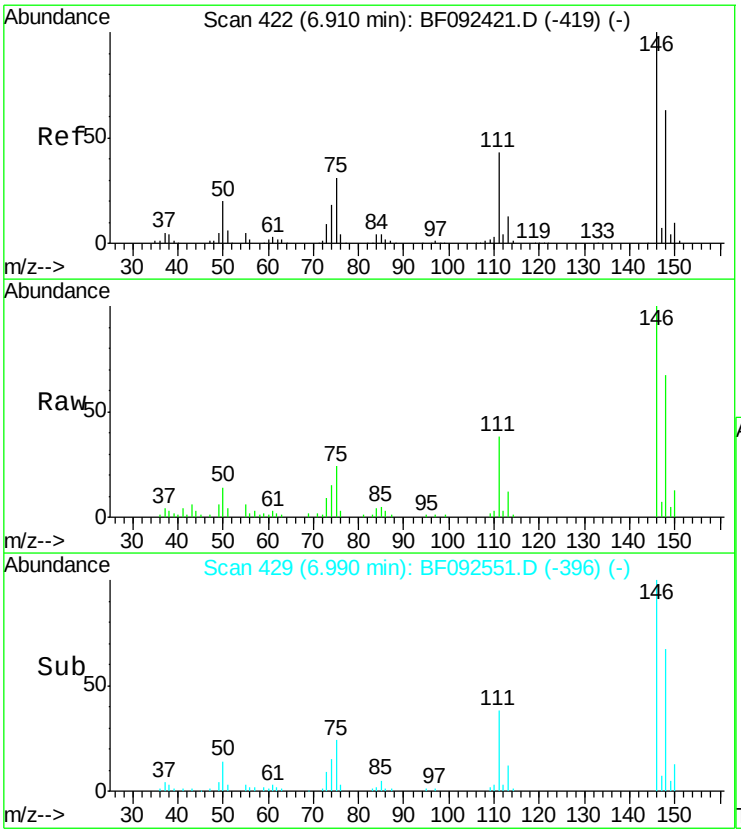
#7
Phenol-d6
Concen: 40.11 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion: 99 Resp: 507570

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.6	23.4
71	32.7	27.5	41.3

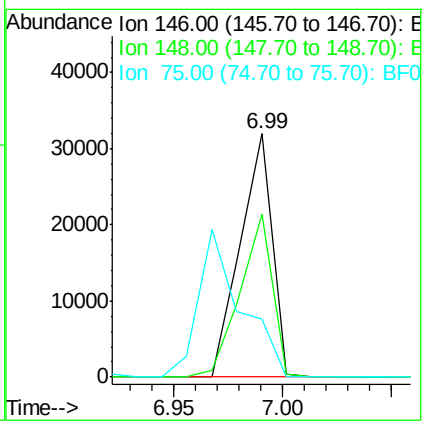


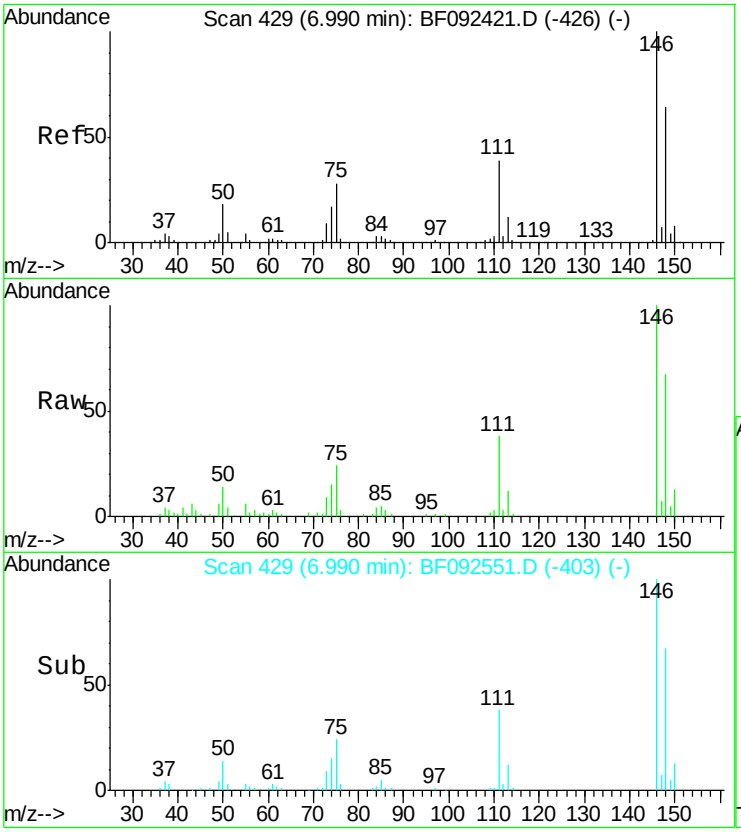


#12
1,3-Dichlorobenzene
Concen: 2.63 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.08 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:146 Resp: 32456

Ion	Ratio	Lower	Upper
146	100		
148	66.8	53.4	80.0
75	23.7	18.5	27.7



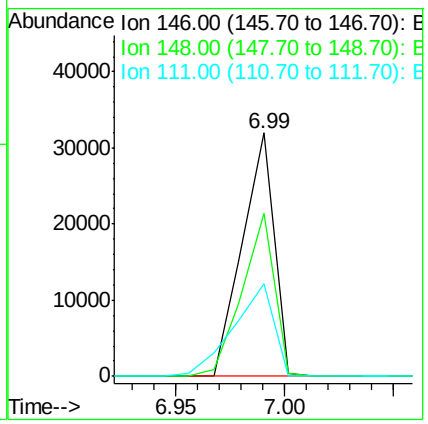


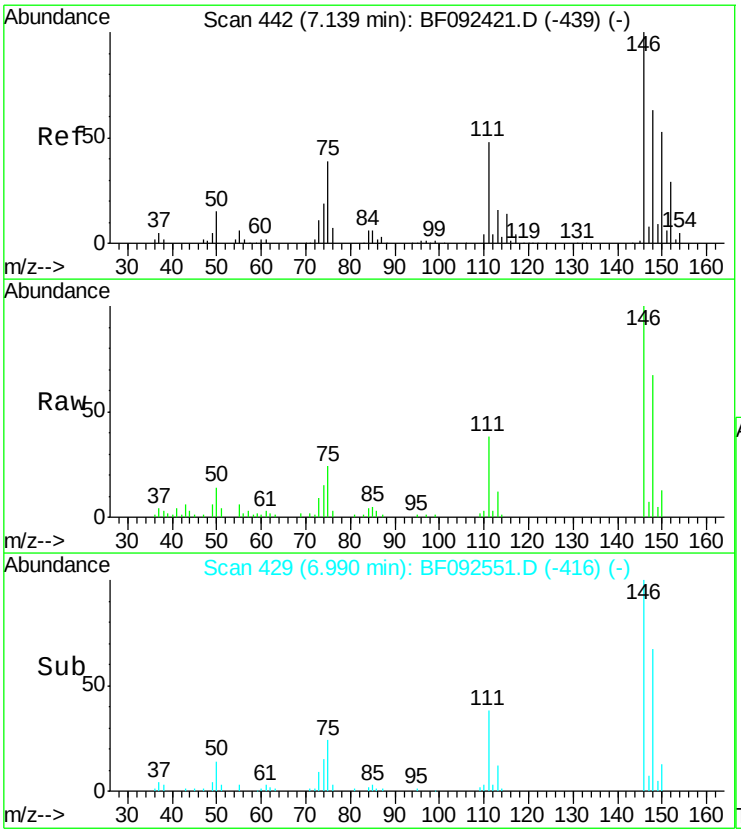
#13
1,4-Dichlorobenzene
Concen: 2.61 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:146 Resp: 32456

Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.6	76.0
111	37.9	36.2	54.4

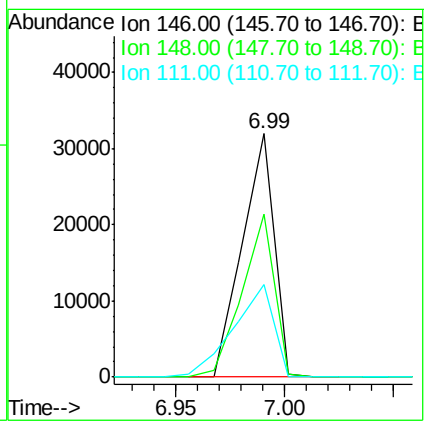


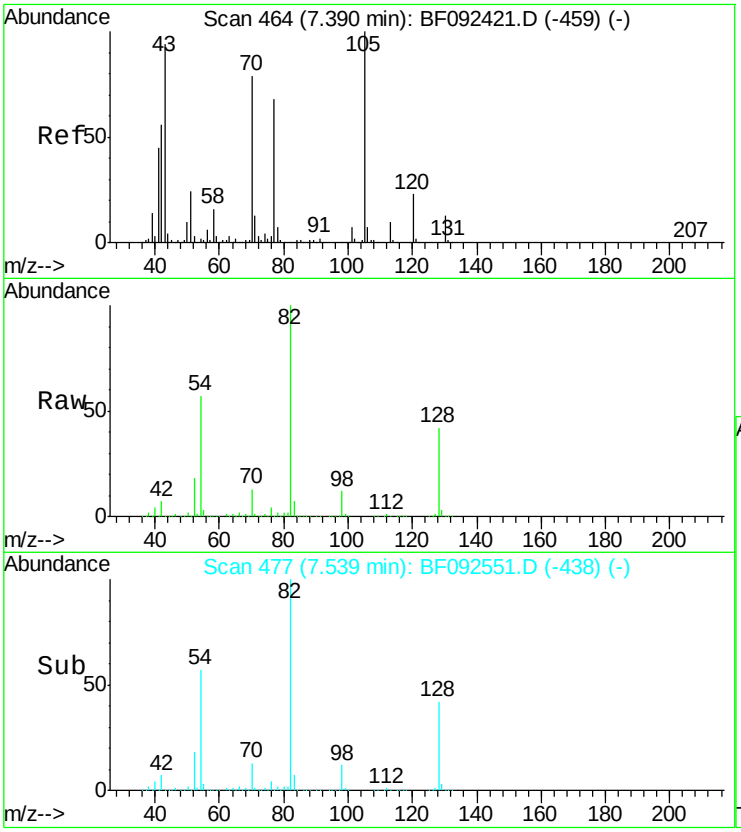


#14
1,2-Dichlorobenzene
Concen: 2.75 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.15 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:146 Resp: 32456

Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.2	78.2
111	37.9	36.2	54.2



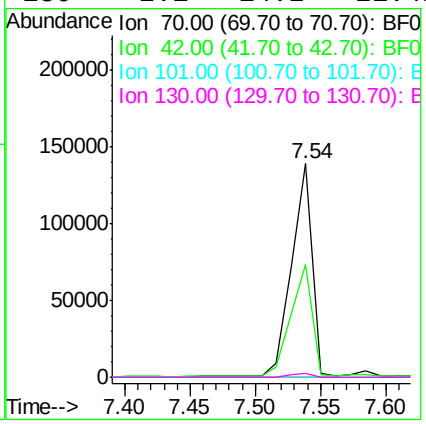


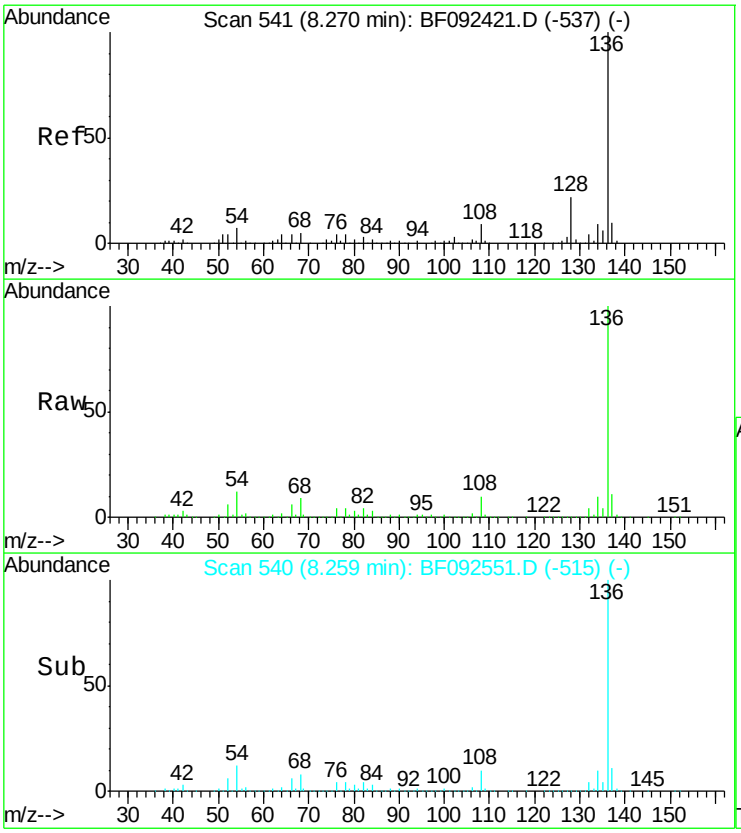
#19
n-Nitroso-di-n-propylamine
Concen: 18.09 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion: 70 Resp: 155866

Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

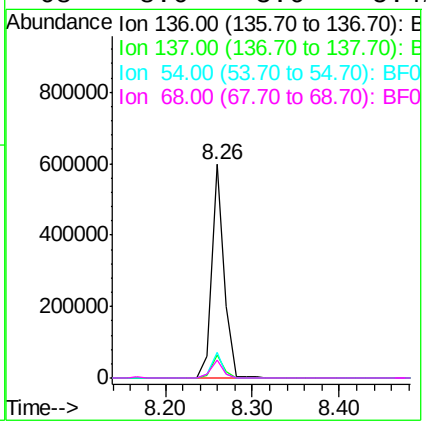


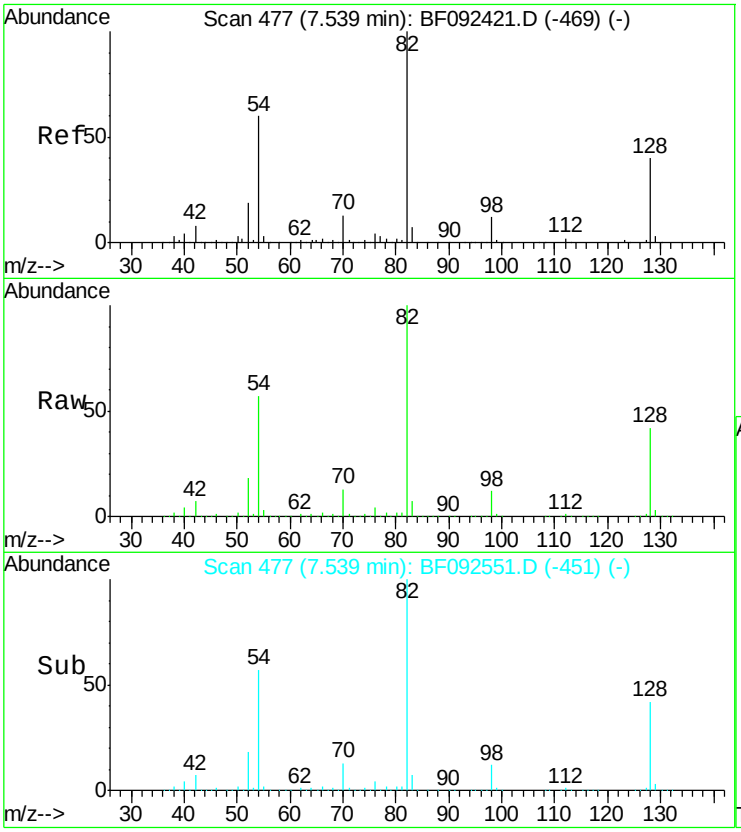


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:136 Resp: 598181

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	12.1	4.5	6.7#
68	8.6	3.6	5.4#



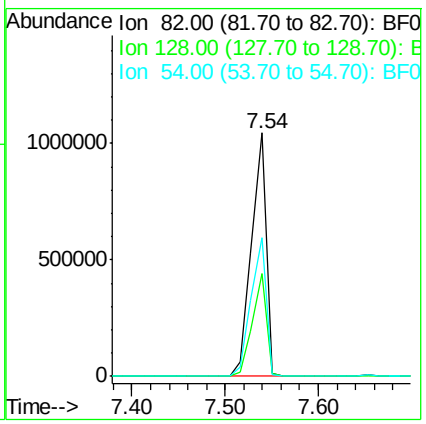


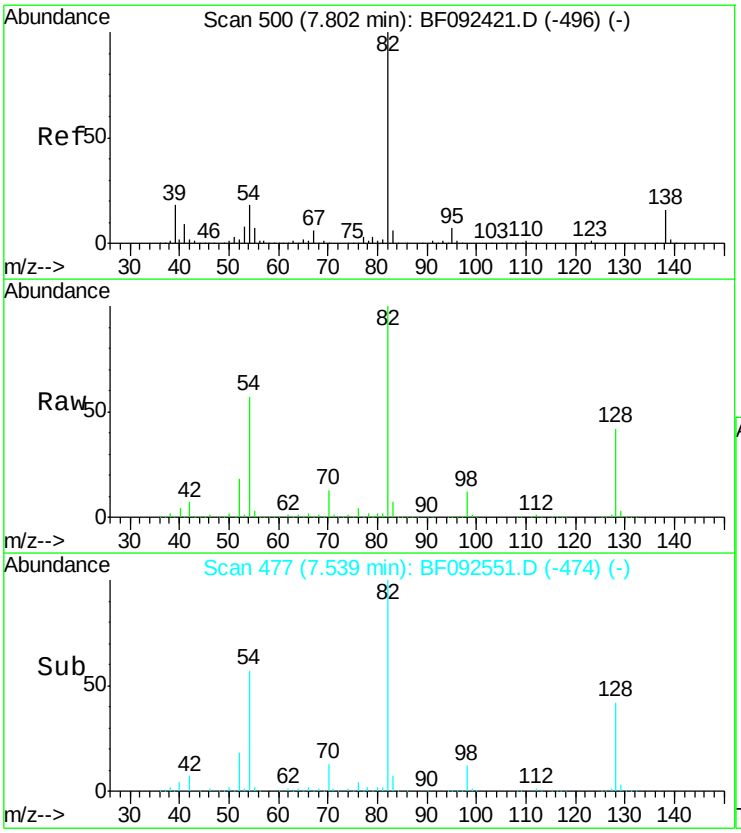
#23
Nitrobenzene-d5
Concen: 103.92 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion: 82 Resp: 1137967

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.9	39.5	59.3

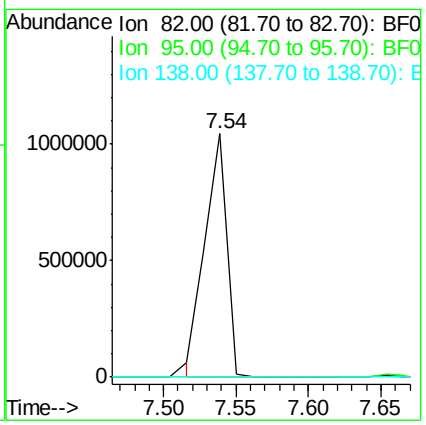


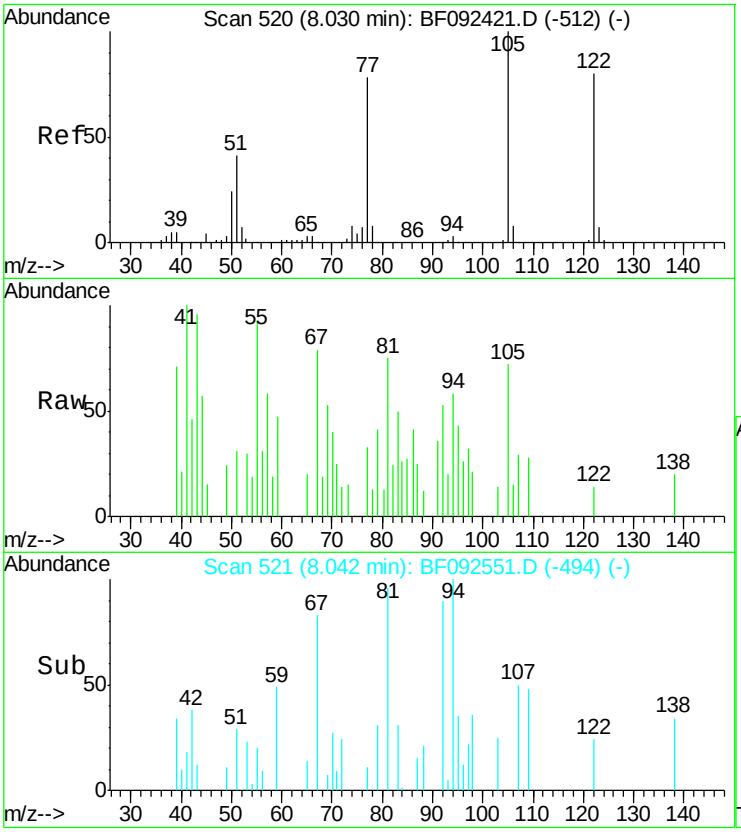


#25
Isophorone
Concen: 50.48 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion: 82 Resp: 1089340

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



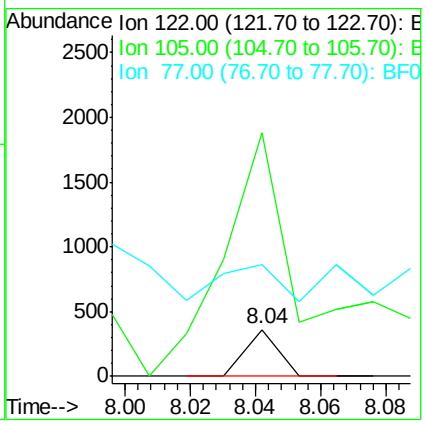


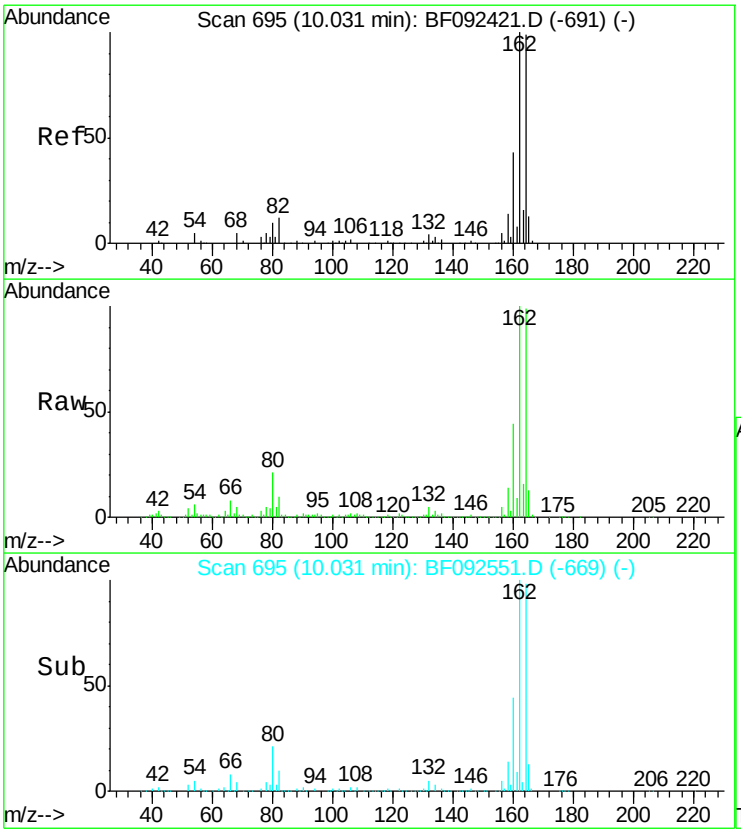
#32
Benzoic acid
Concen: 4.72 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:122 Resp: 248

Ion	Ratio	Lower	Upper
122	100		
105	520.8	107.2	147.2#
77	239.6	74.5	114.5#

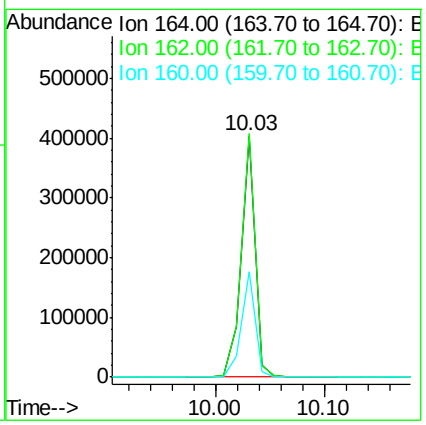


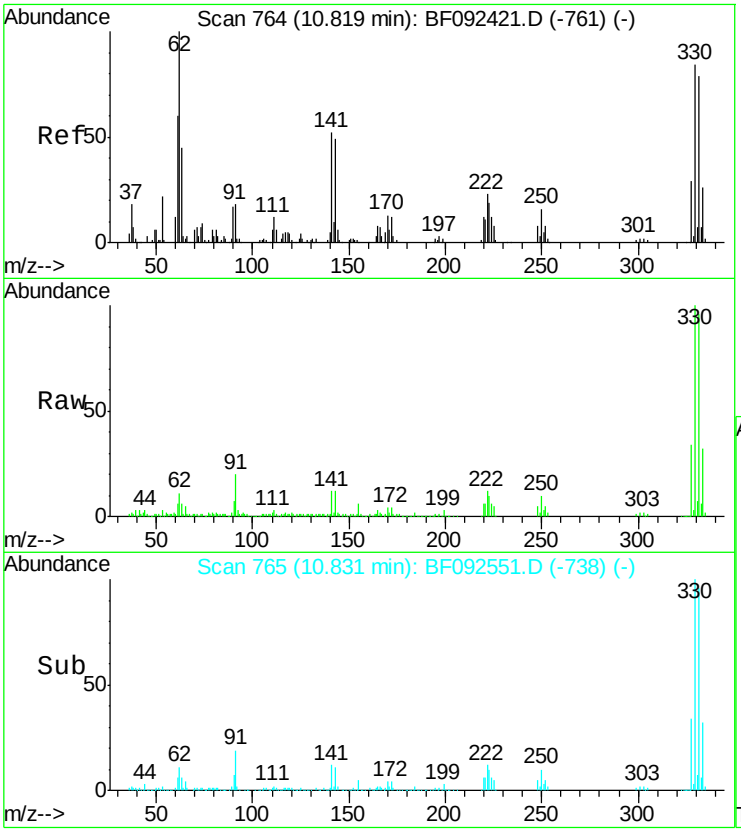


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:164 Resp: 352753

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	43.9	36.9	55.3



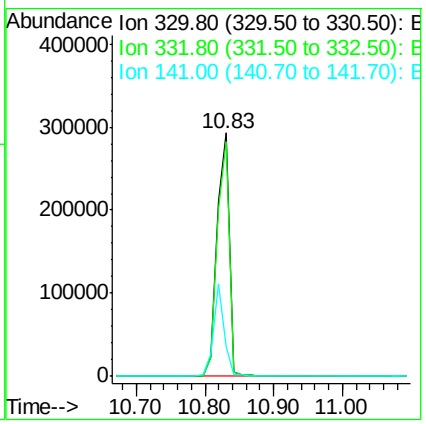


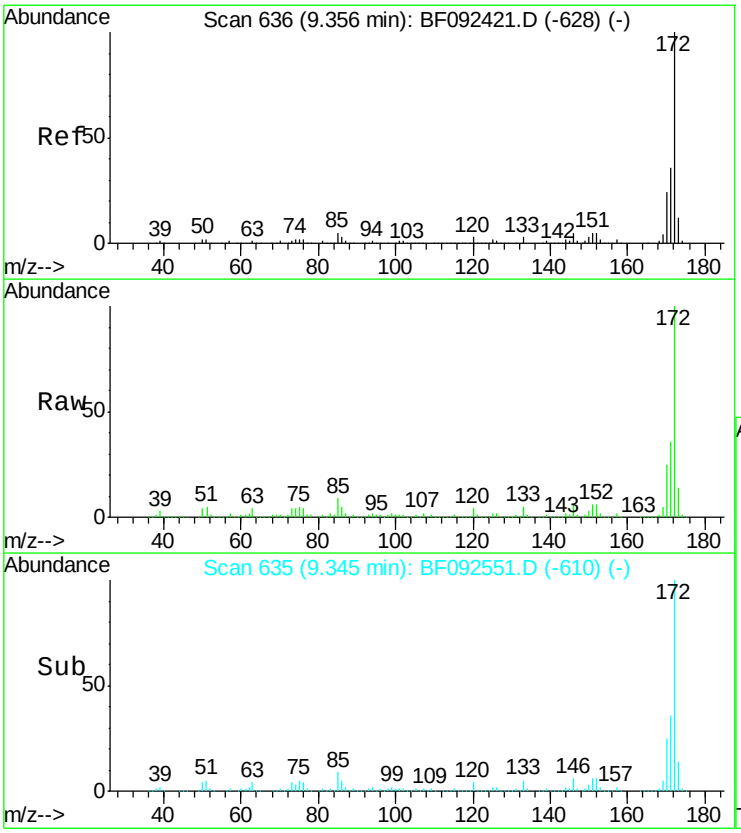
#41
2,4,6-Tribromophenol
Concen: 153.67 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:330 Resp: 369411

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	32.8	34.1	51.1#

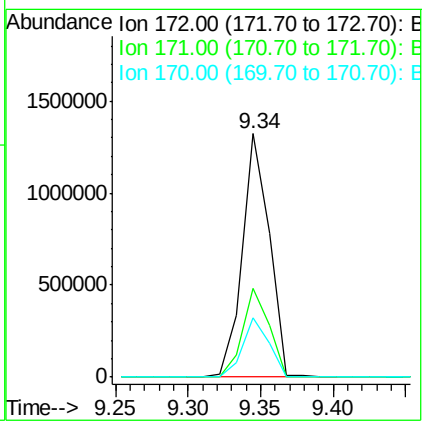


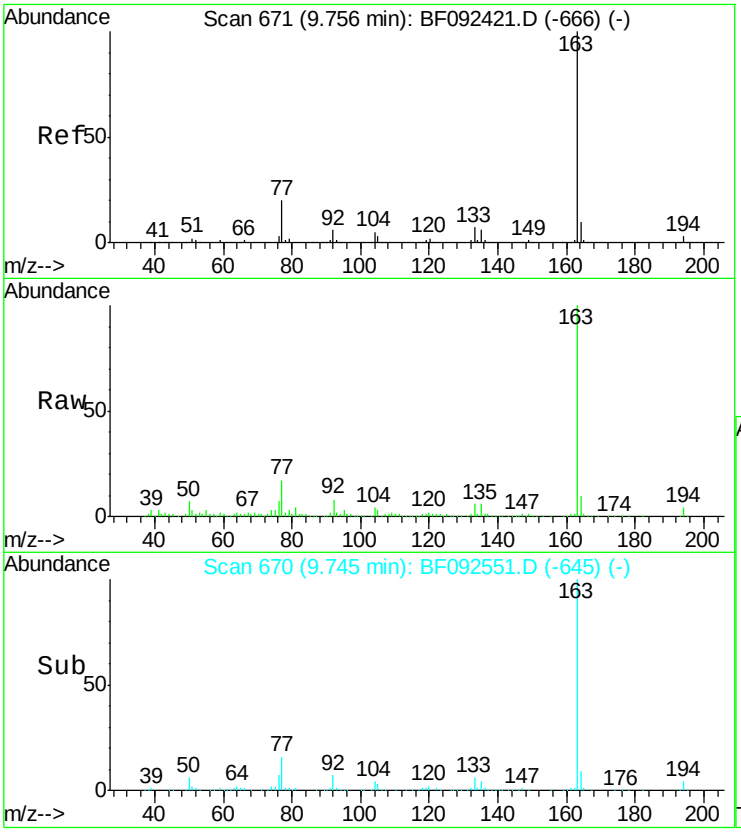


#44
2-Fluorobiphenyl
Concen: 89.07 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:172 Resp: 1699103

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	20.2	30.4



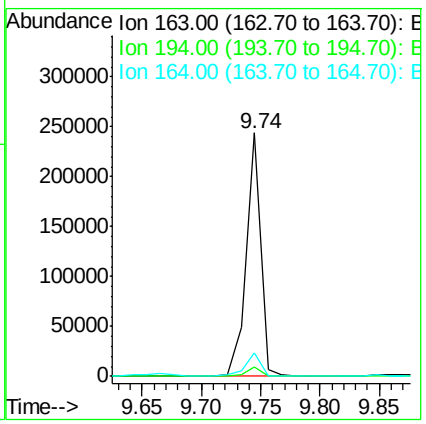


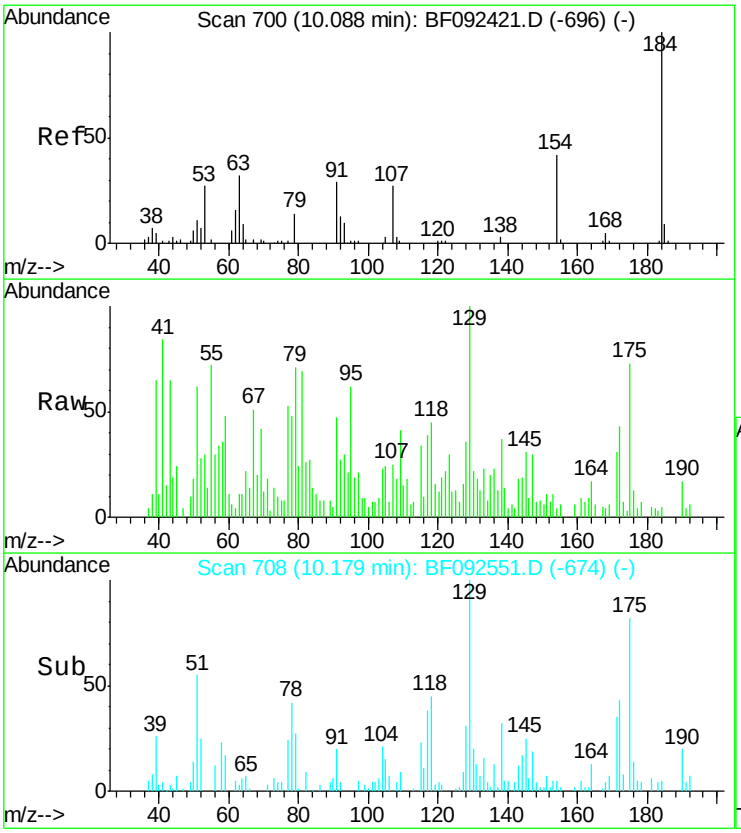
#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:163 Resp: 209439

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.7	8.0	12.0

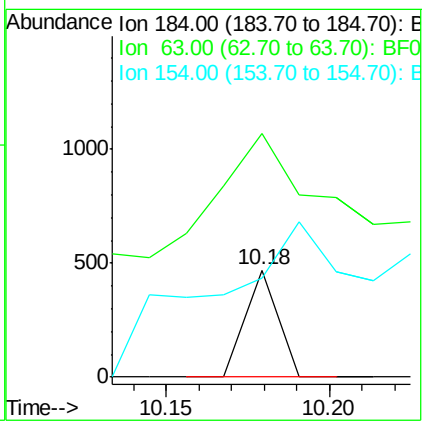


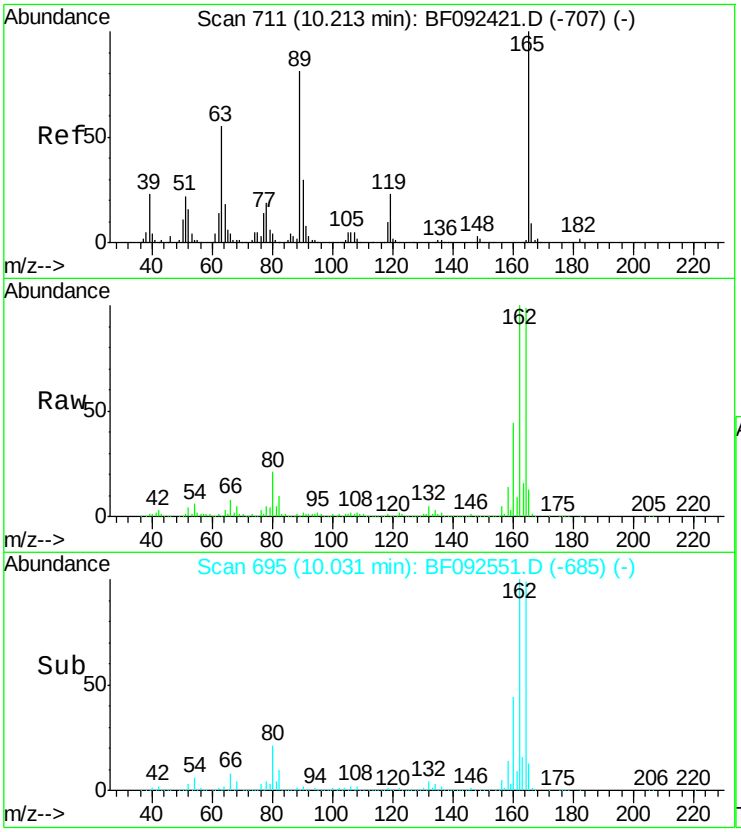


#53
2,4-Dinitrophenol
Concen: 3.03 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.09 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:184 Resp: 322

Ion	Ratio	Lower	Upper
184	100		
63	227.4	28.4	42.6#
154	92.1	44.3	66.5#



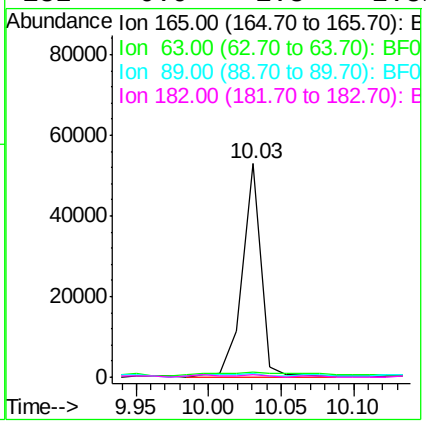


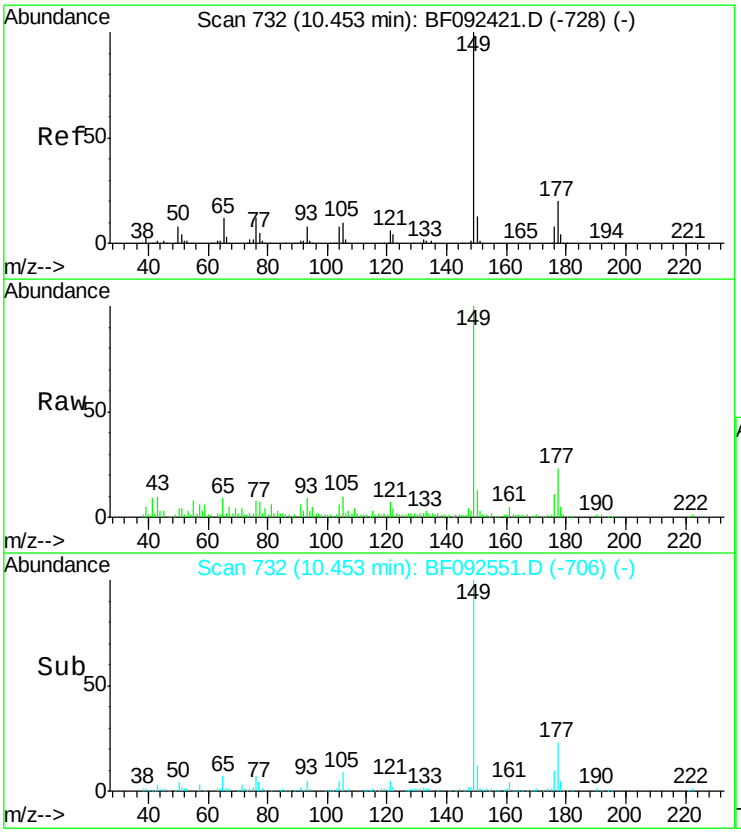
#56
2,4-Dinitrotoluene
Concen: 7.91 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:165 Resp: 48171

Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.2	60.4#
89	1.7	62.5	93.7#
182	0.9	1.8	2.8#

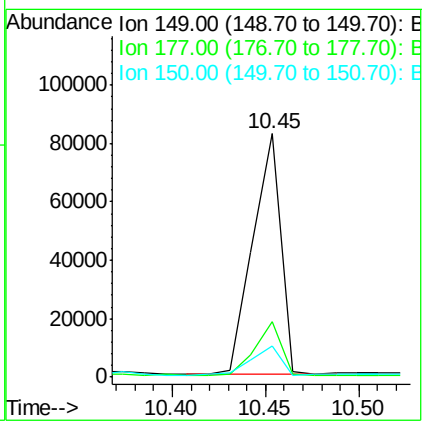


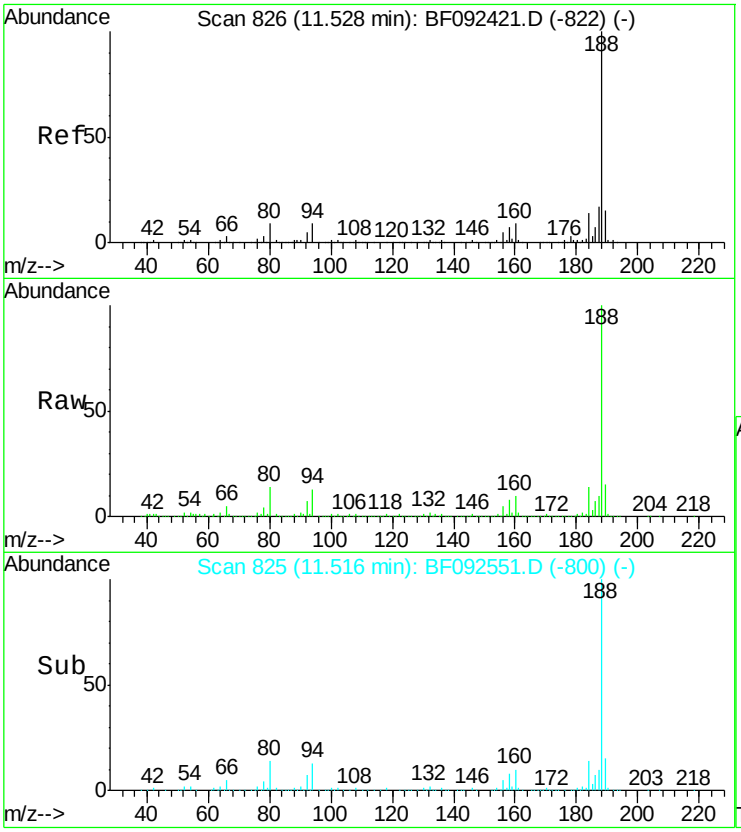


#59
Diethylphthalate
Concen: 4.07 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:149 Resp: 87648

Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.6	25.0
150	12.6	10.4	15.6



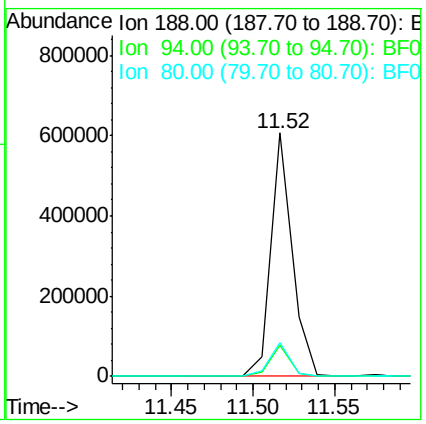


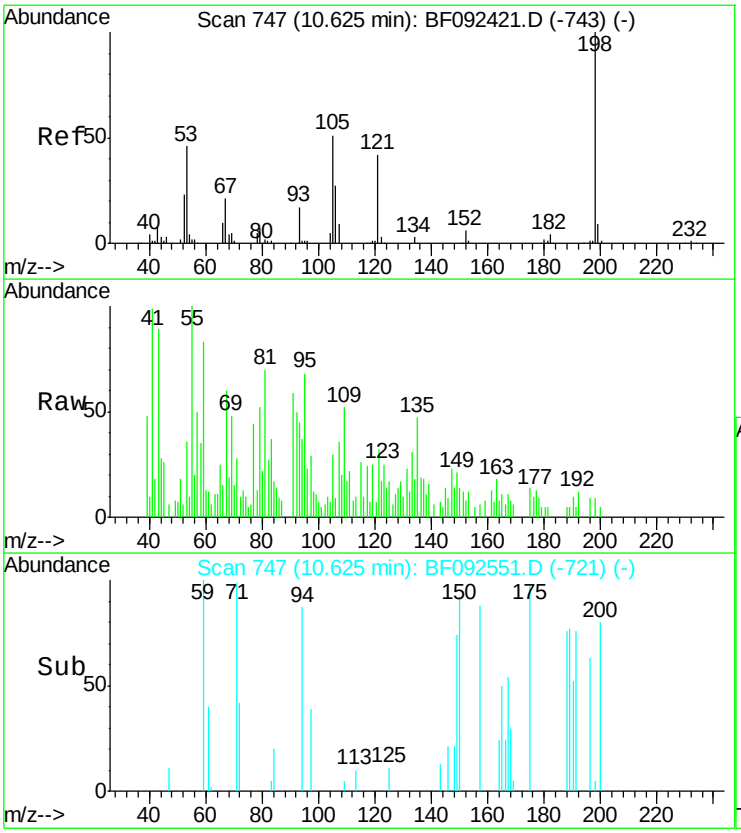
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:188 Resp: 555372

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	13.9	11.2	16.8

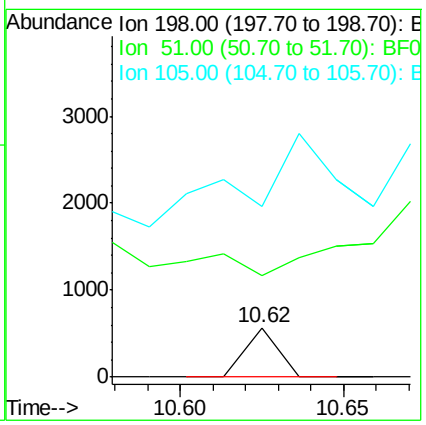


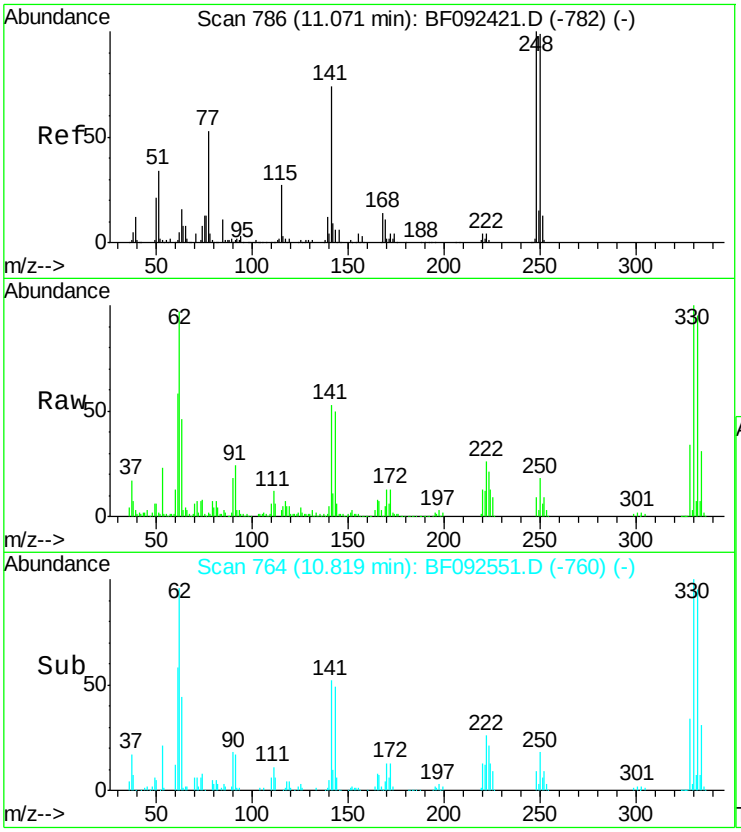


#64
4,6-Dinitro-2-methylphenol
Concen: 5.07 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:198 Resp: 389

Ion	Ratio	Lower	Upper
198	100		
51	206.7	6.7	46.7#
105	346.0	16.6	56.6#



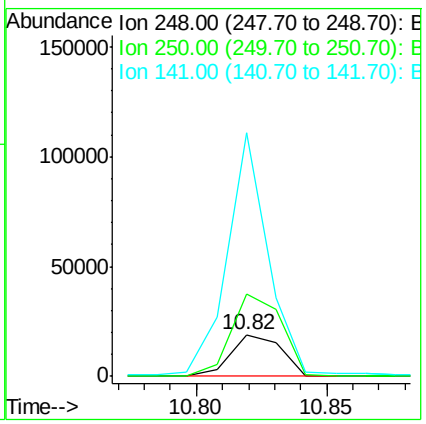


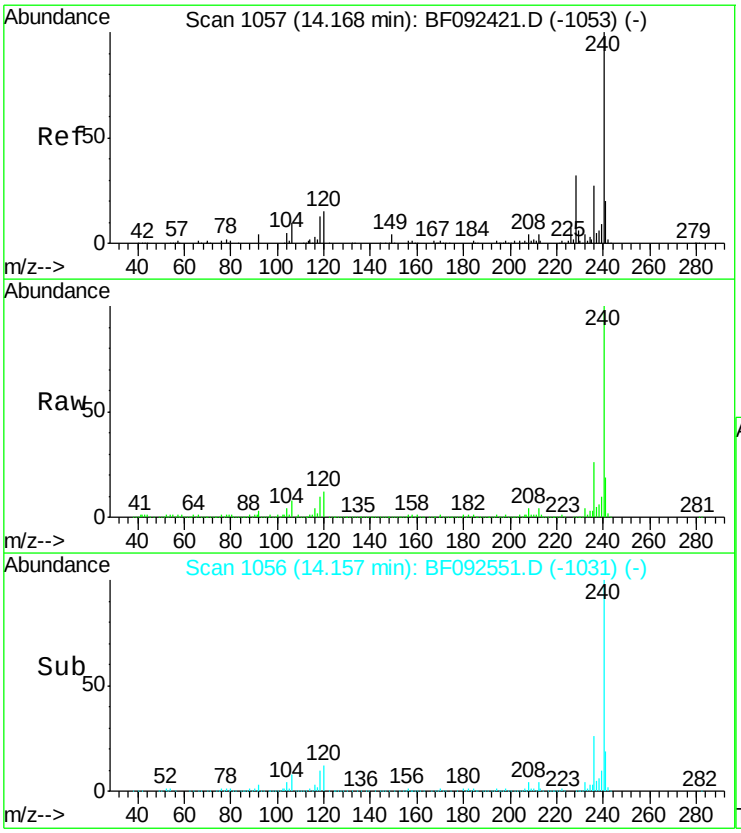
#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:248 Resp: 25740

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	583.7	68.2	102.4#

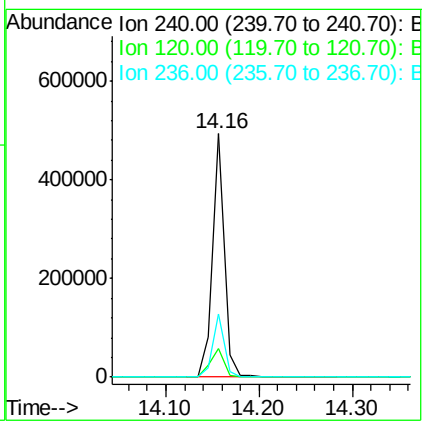


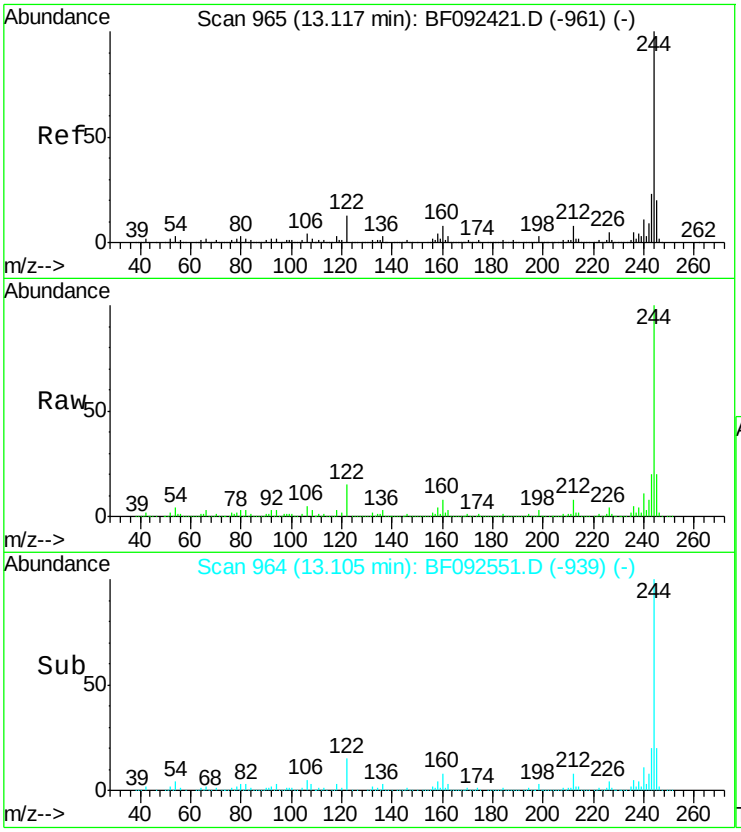


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:240 Resp: 433637

Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.9	19.3#
236	26.0	20.9	31.3



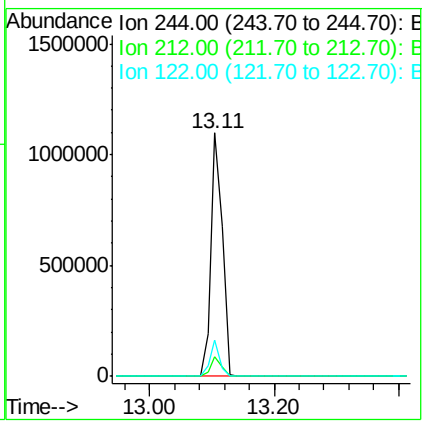


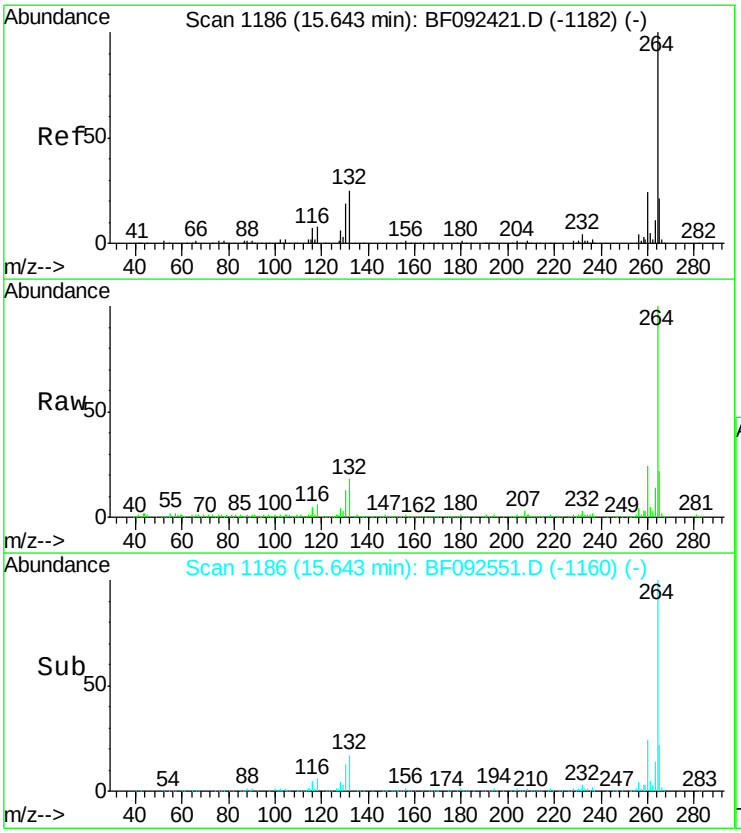
#78
Terphenyl-d14
Concen: 84.13 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:244 Resp: 1370058

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:264 Resp: 319902

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.4	26.0