Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092548.D
Acq On : 27 Jan 2017 1:59
Operator : SJ/MA
Sample : I1452-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Time: Jan 27 04:52:15 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	173112	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	654167	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	375120	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	617122	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	493395	20.00	ng	-0.01
86) Perylene-d12	15.63	264	353532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	599000	53.84	ng	0.01
7) Phenol-d6	6.59	99	539240	38.05	ng	0.00
23) Nitrobenzene-d5	7.54	82	1138802	95.09	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	323558	126.57	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1615463	79.63	ng	-0.01
78) Terphenyl-d14	13.11	244	1474448	79.58	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	152514	15.80	ng	# 77
25) Isophorone	7.54	82	1056299	44.76	ng	# 65
49) Dimethylphthalate	9.73	163	162472	6.81	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	47620	7.36	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	209	5.01	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	25236	4.05	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
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QLast Update : Tue Jan 24 13:48:07 2017
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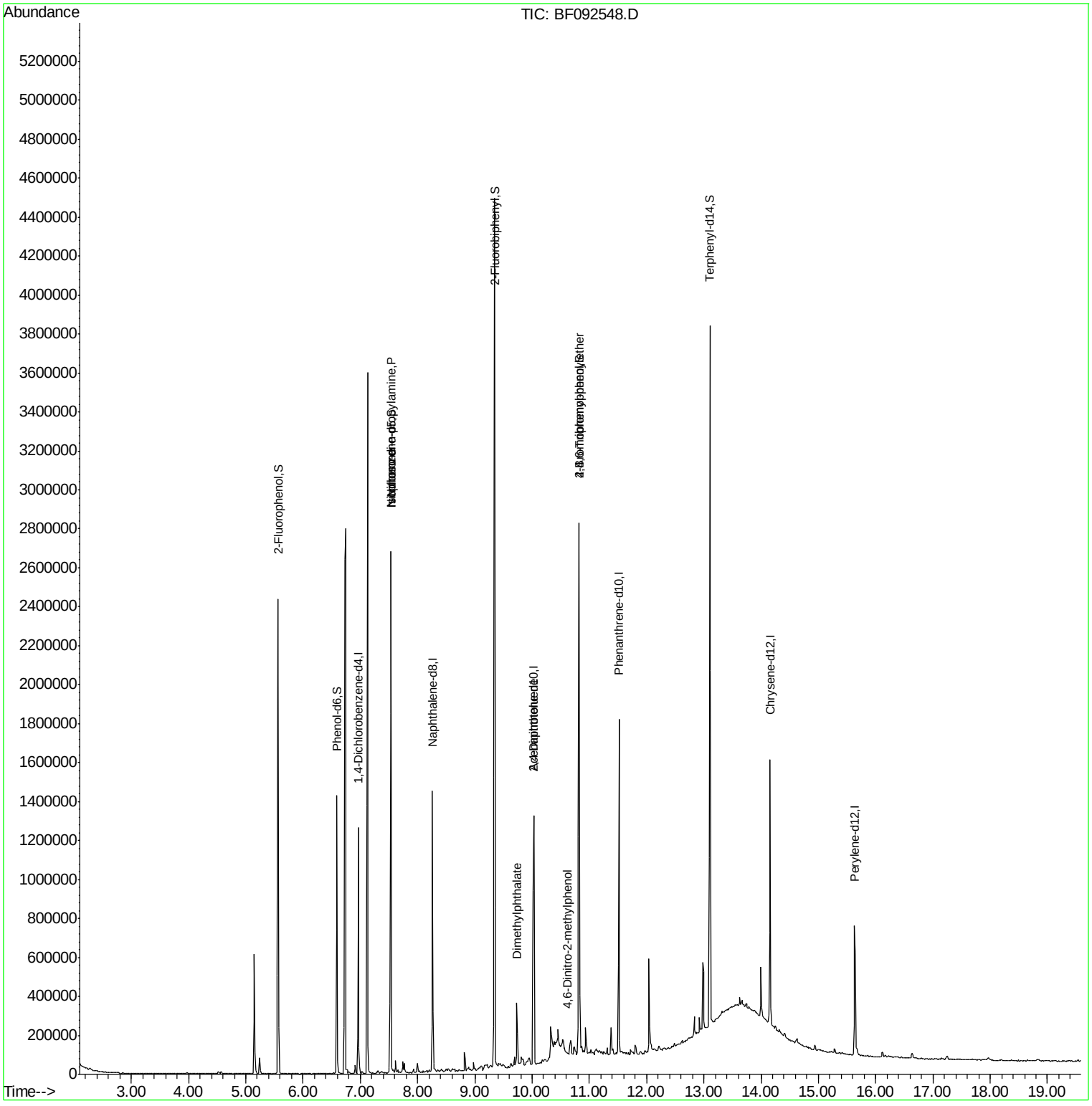
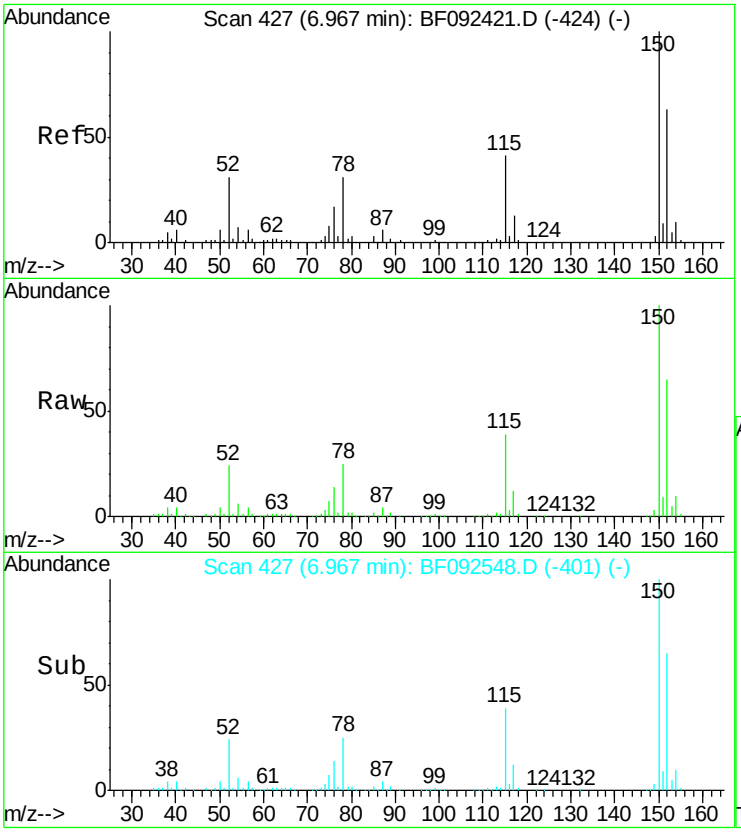


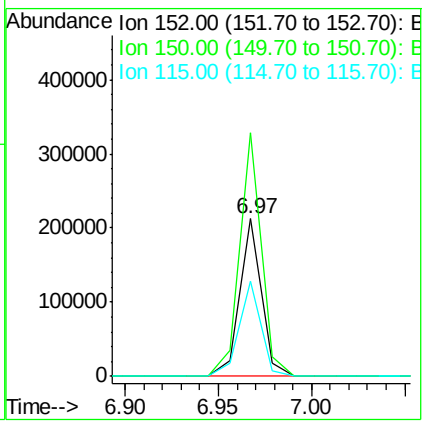


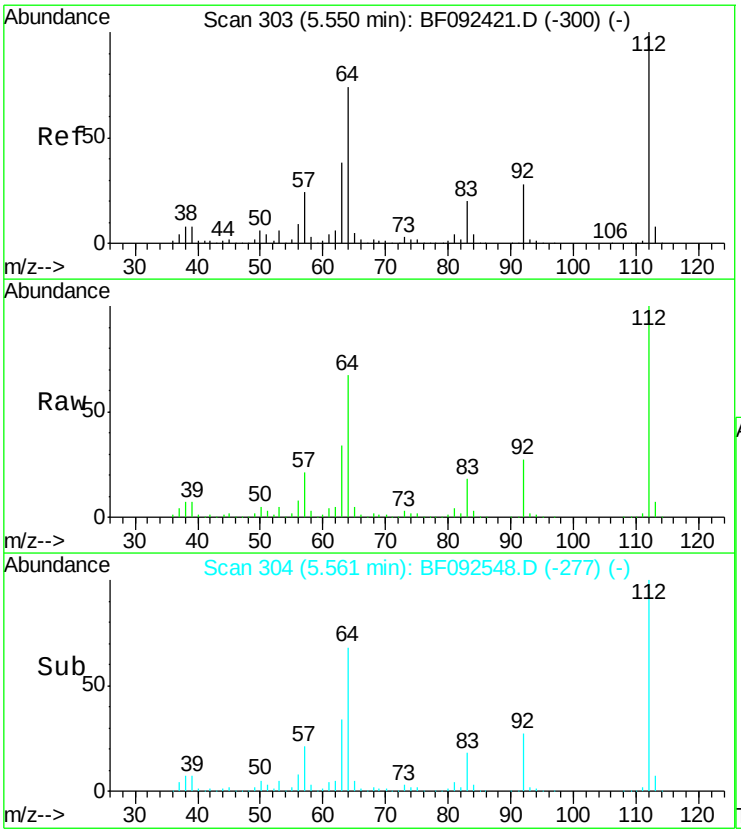
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:152 Resp: 173112

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	59.9	46.0	69.0

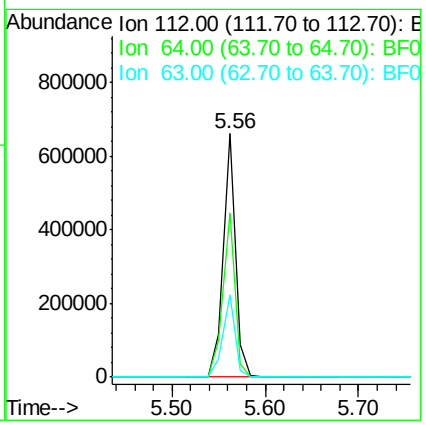


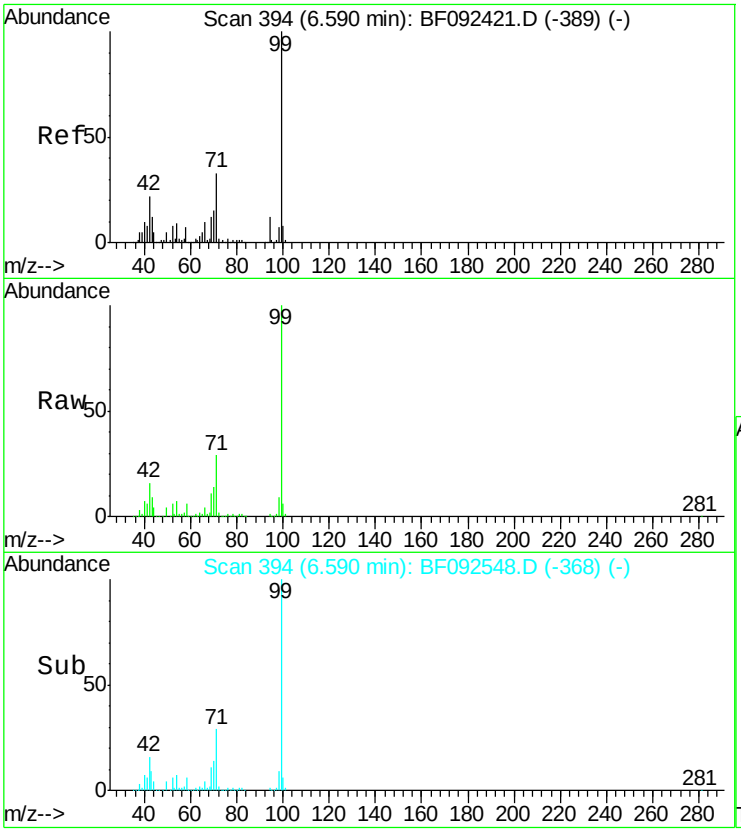


#5
2-Fluorophenol
Concen: 53.84 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:112 Resp: 599000

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.1	69.1
63	33.6	23.8	35.6



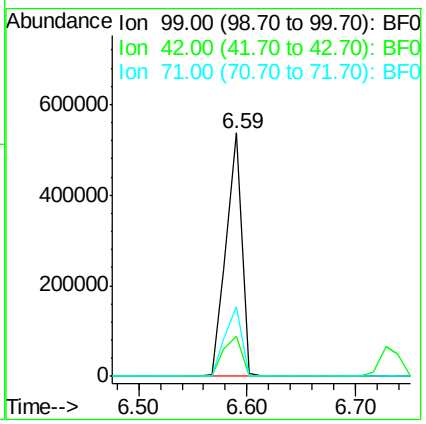


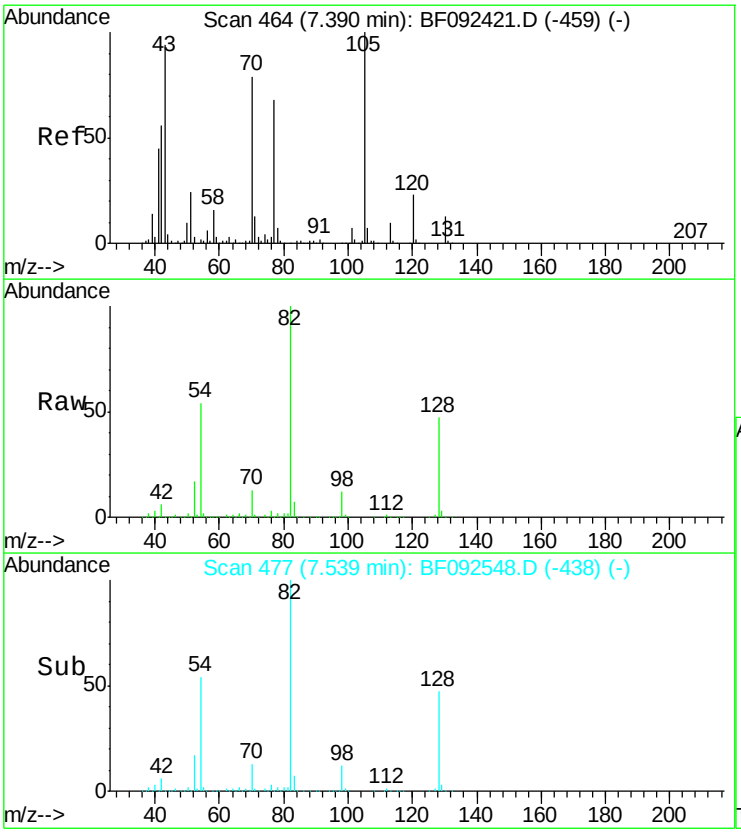
#7
Phenol-d6
Concen: 38.05 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 99 Resp: 539240

Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.6	23.4
71	28.6	27.5	41.3

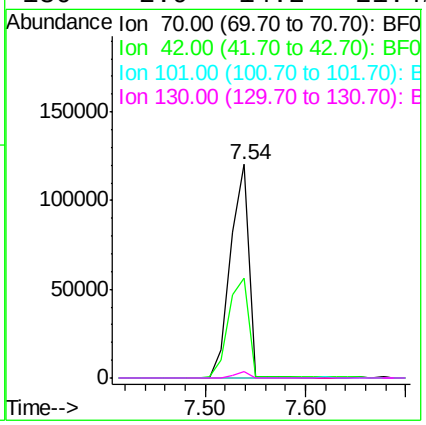


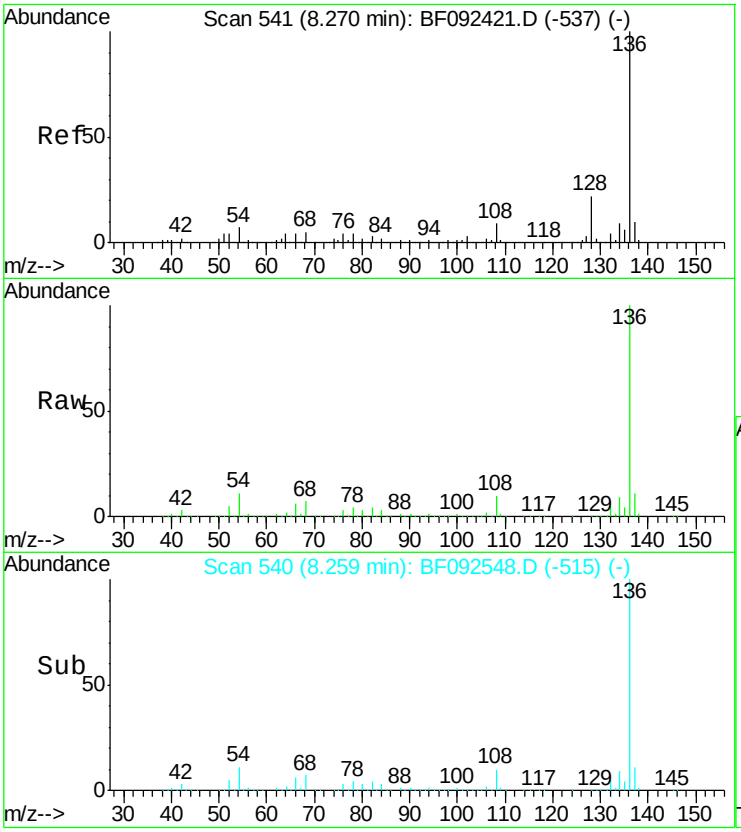


#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion: 70 Resp: 152514

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.9	14.2	21.4#



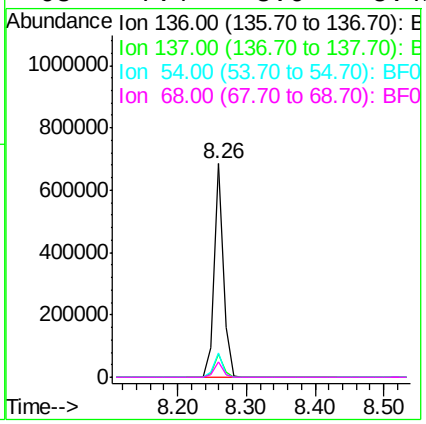


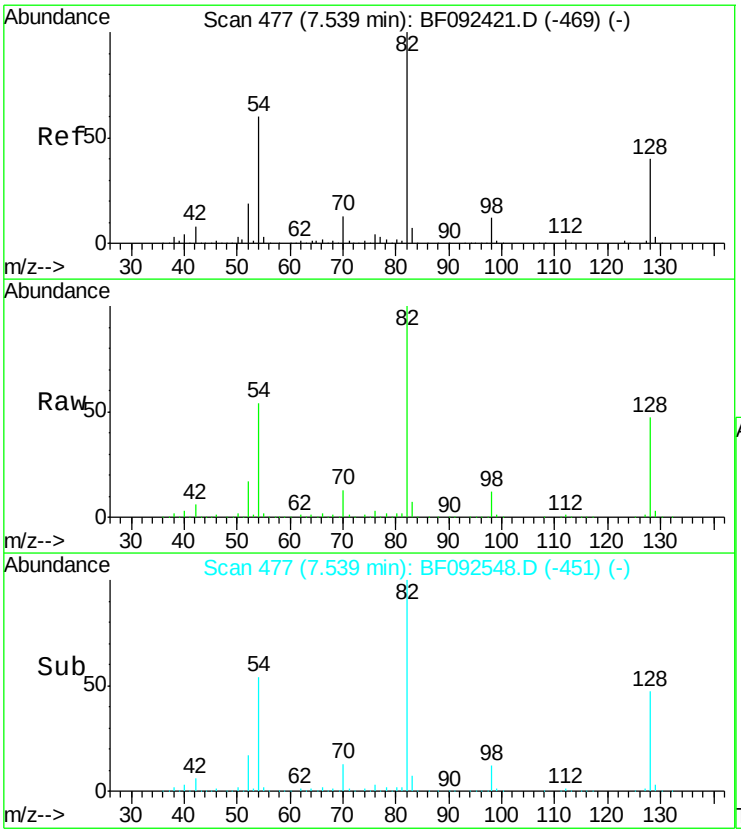
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:136 Resp: 654167

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.1	4.5	6.7#
68	7.4	3.6	5.4#

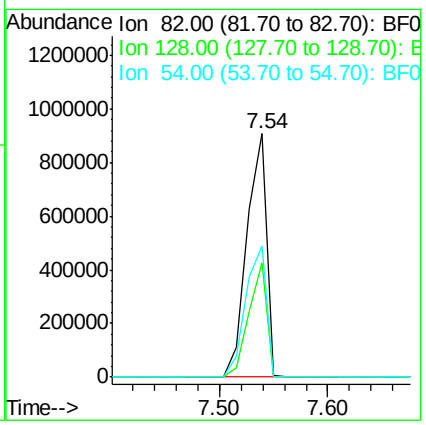


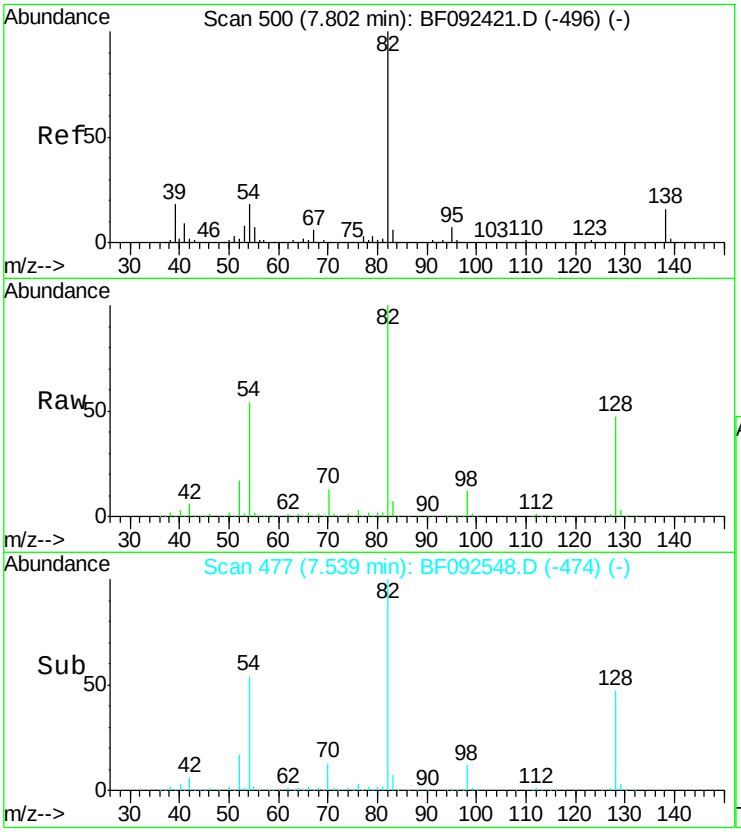


#23
Nitrobenzene-d5
Concen: 95.09 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion: 82 Resp: 1138802

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	52.0
54	53.8	39.5	59.3



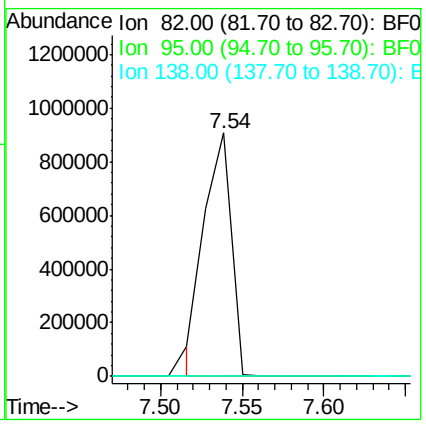


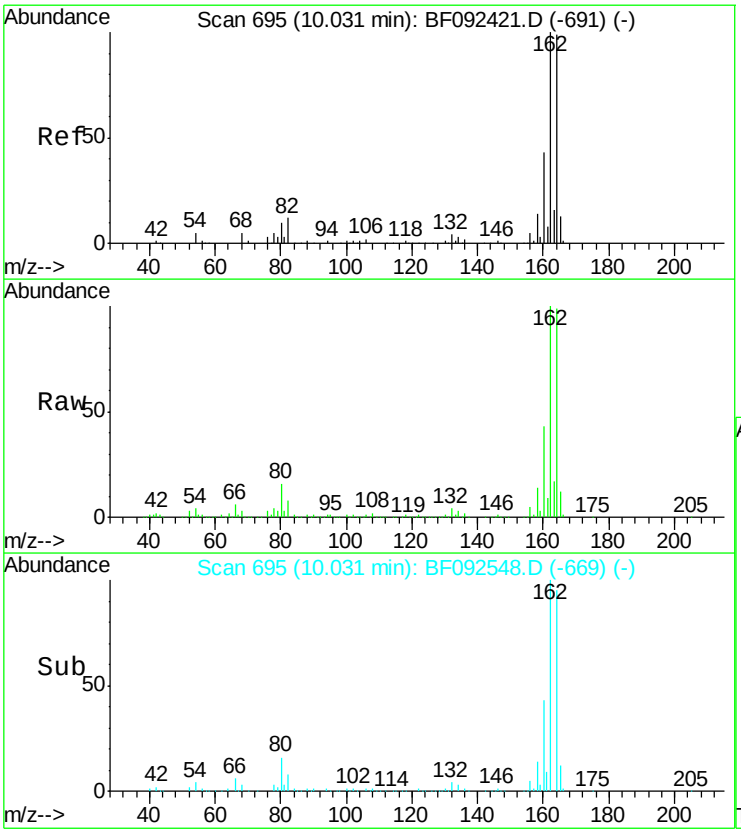
#25
Isophorone
Concen: 44.76 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 82 Resp: 1056299

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

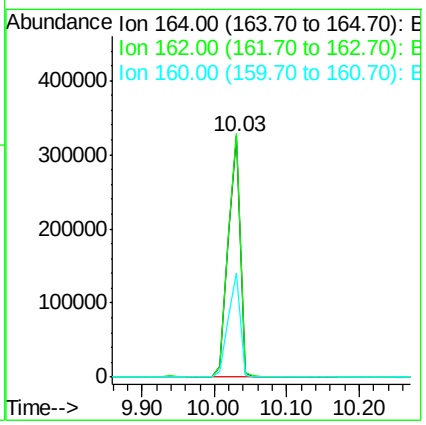


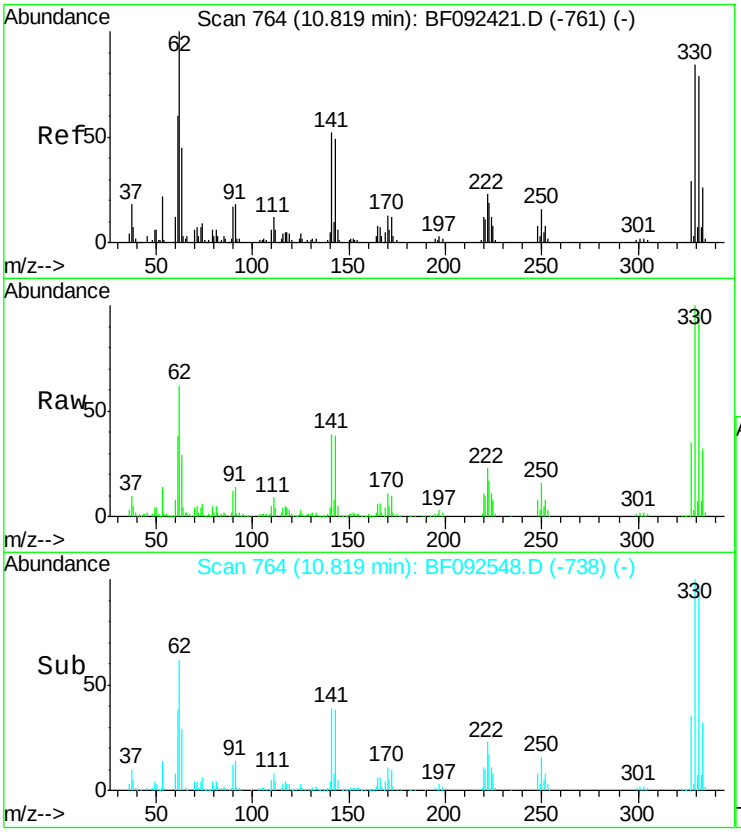


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:164 Resp: 375120

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.1	36.9	55.3



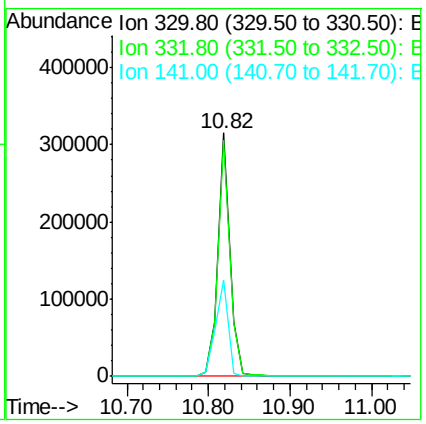


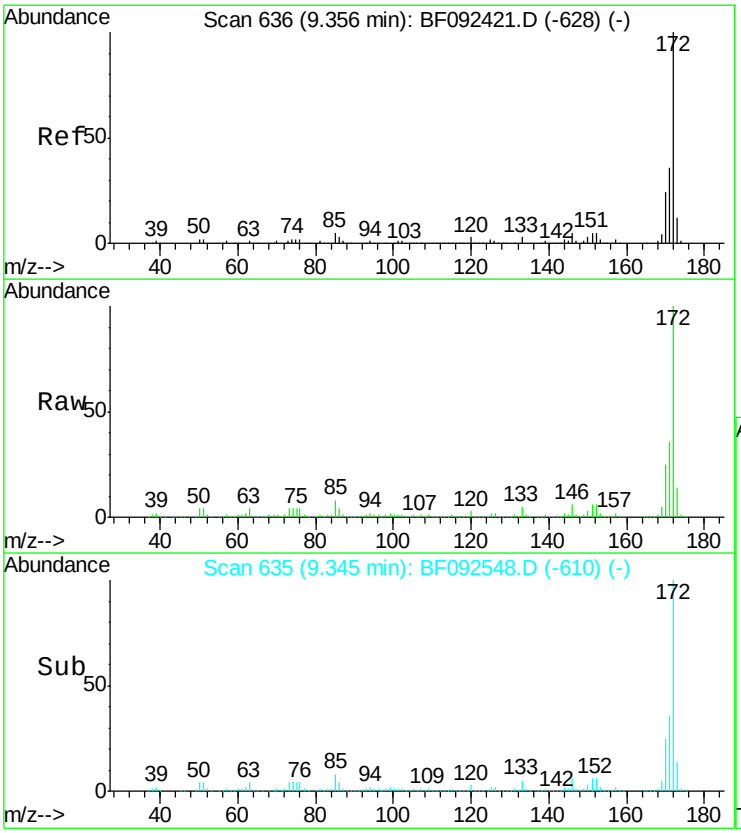
#41
2,4,6-Tribromophenol
Concen: 126.57 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:330 Resp: 323558

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	42.4	34.1	51.1

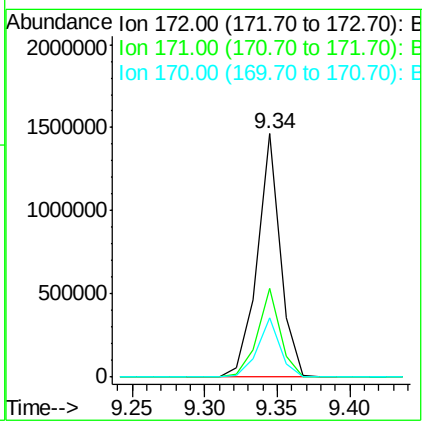


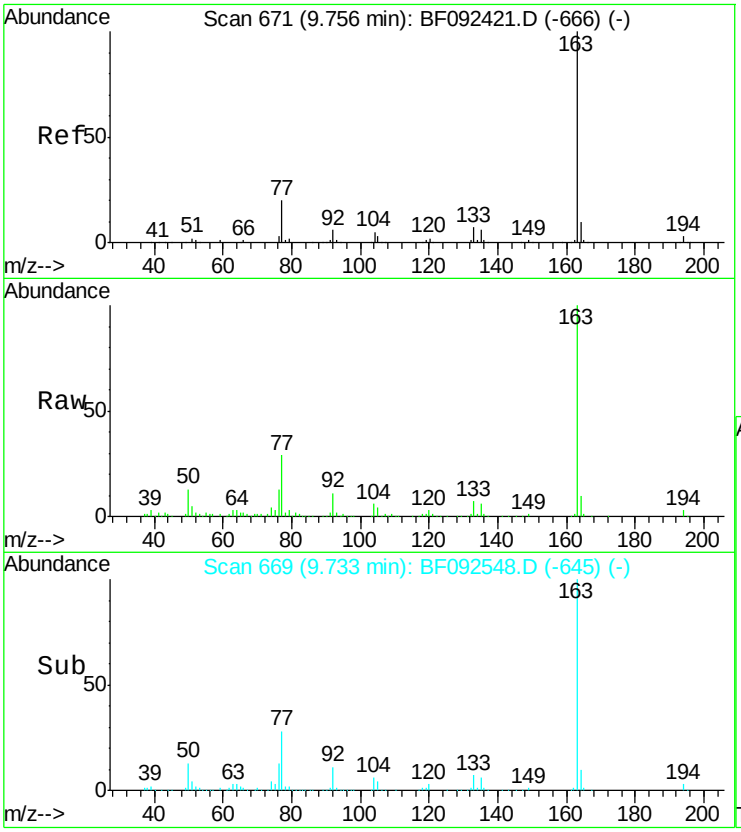


#44
2-Fluorobiphenyl
Concen: 79.63 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:172 Resp: 1615463

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4



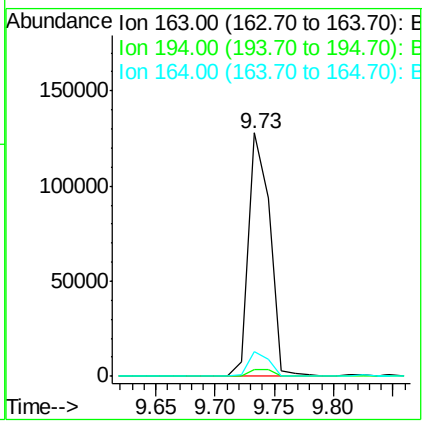


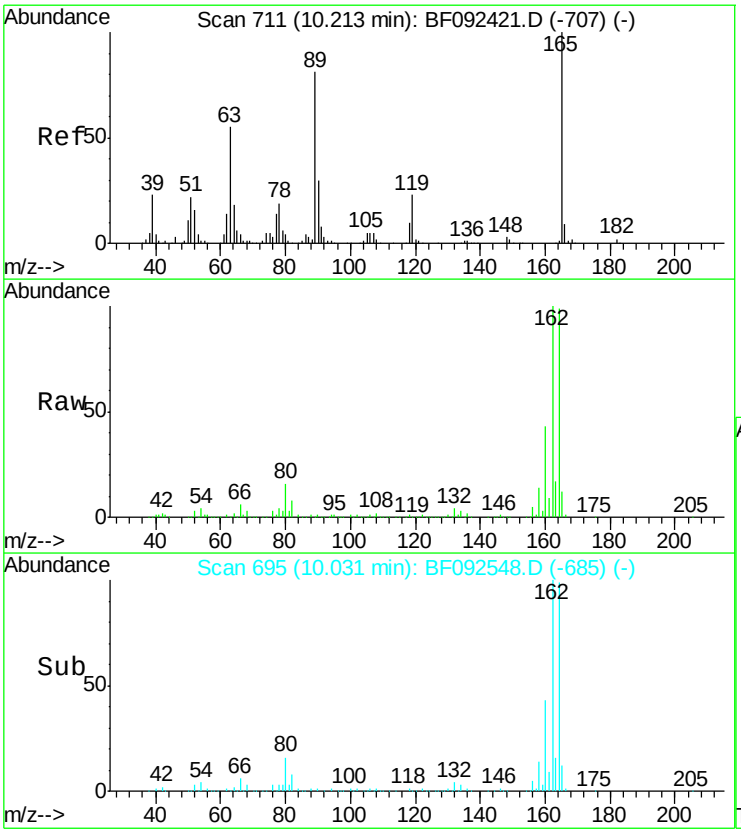
#49
Dimethylphthalate
Concen: 6.81 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:163 Resp: 162472

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.4#
164	10.3	8.0	12.0

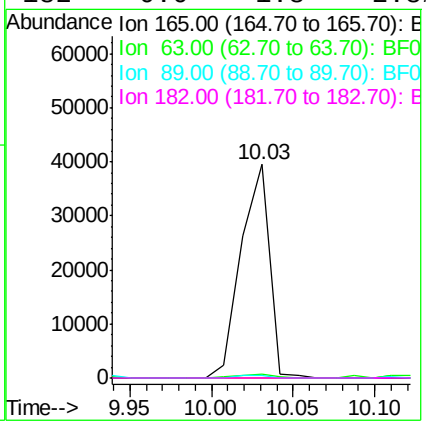


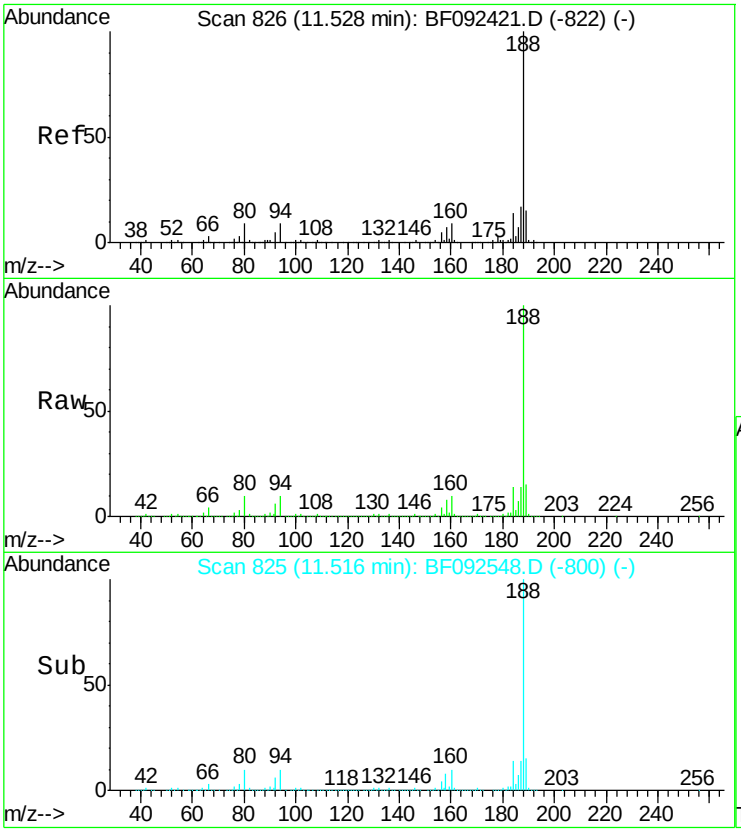


#56
2,4-Dinitrotoluene
Concen: 7.36 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:165 Resp: 47620

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



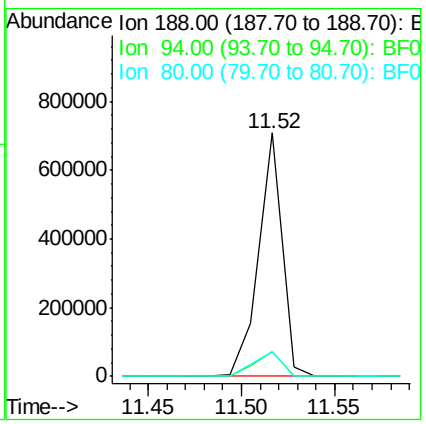


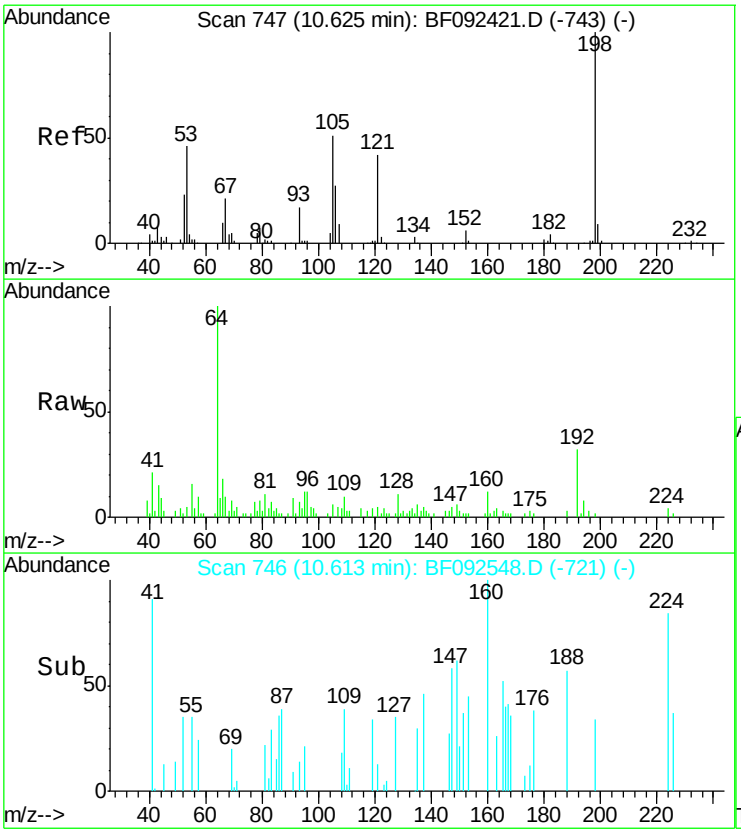
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:188 Resp: 617122

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.0	15.0
80	10.2	11.2	16.8#

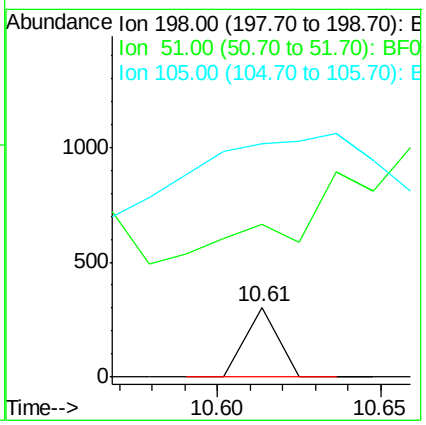


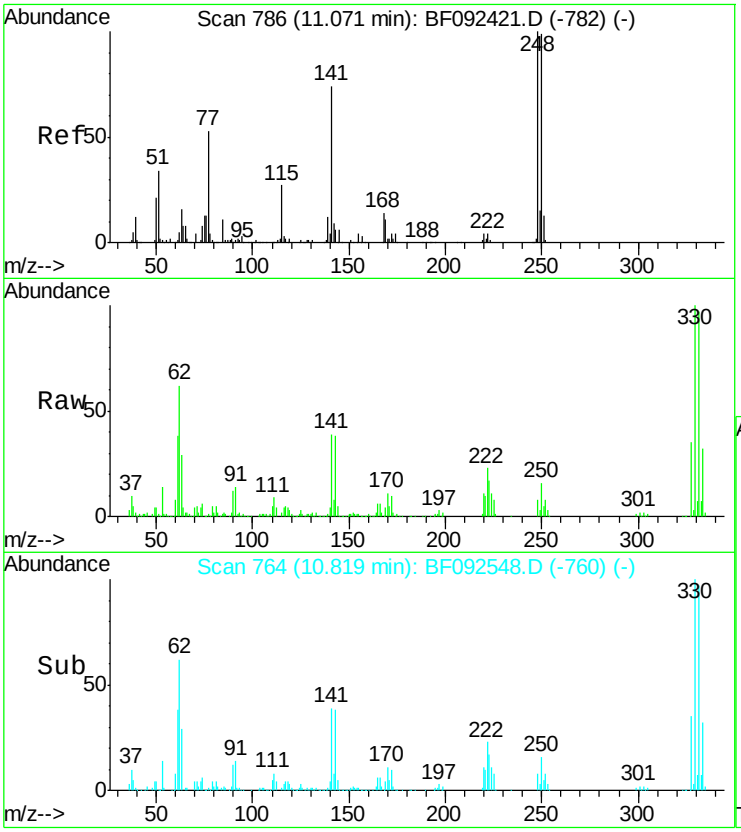


#64
4,6-Dinitro-2-methylphenol
Concen: 5.01 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:198 Resp: 209

Ion	Ratio	Lower	Upper
198	100		
51	217.7	6.7	46.7#
105	332.1	16.6	56.6#



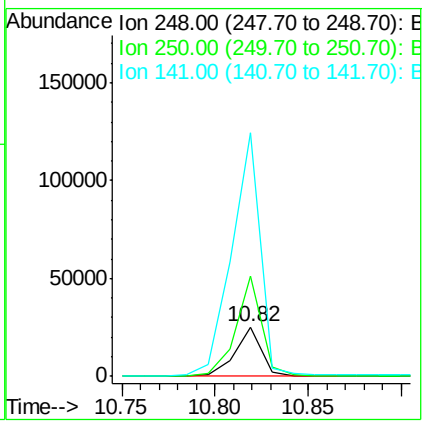


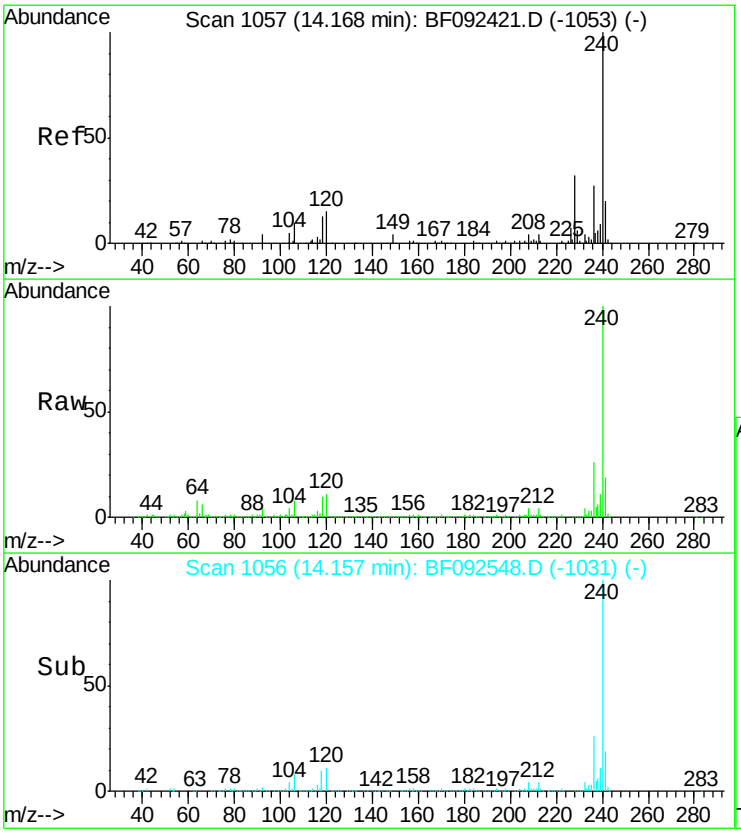
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:248 Resp: 25236

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	489.9	68.2	102.4#

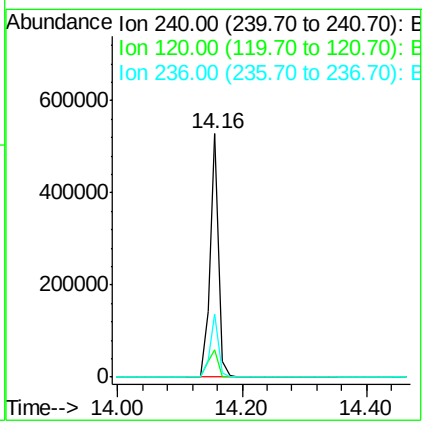


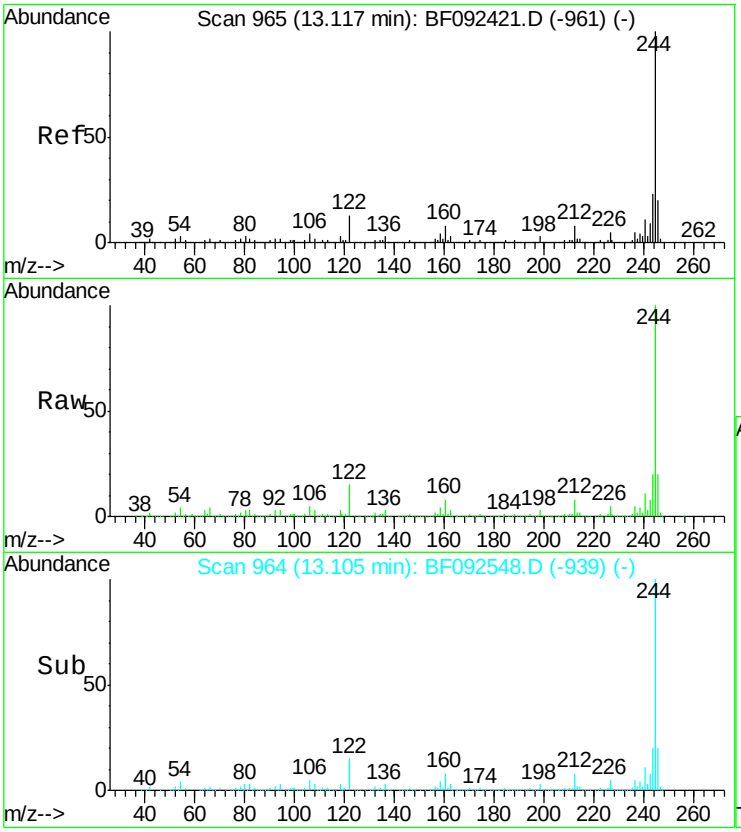


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:240 Resp: 493395

Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.9	19.3#
236	25.9	20.9	31.3



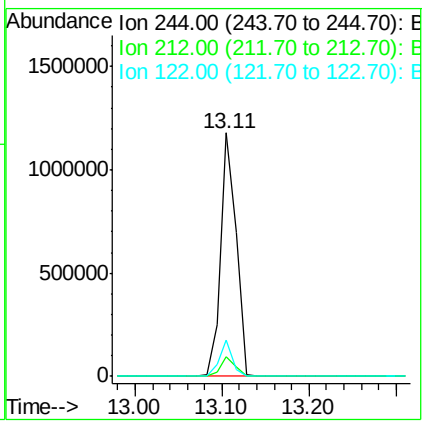


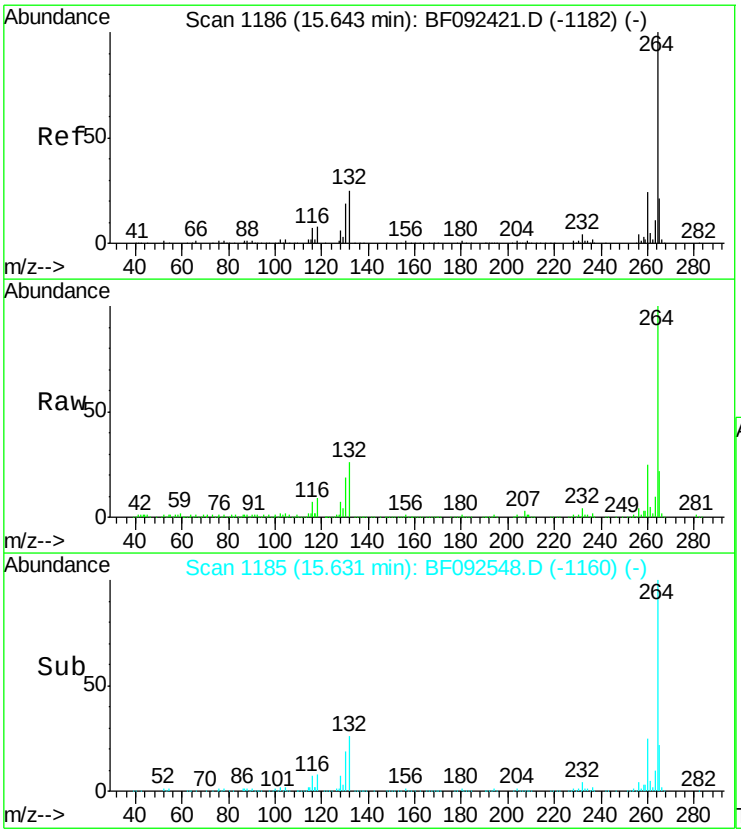
#78
Terphenyl-d14
Concen: 79.58 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Instrument :
BNA_F
ClientSampleId :
W-22

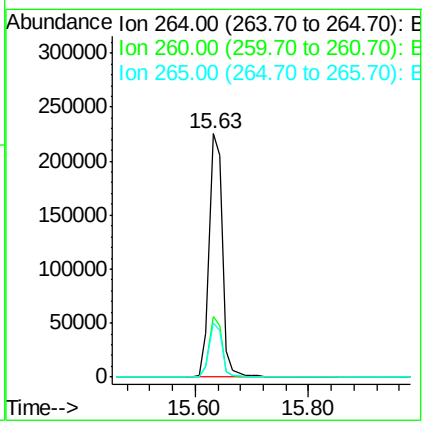
Tgt Ion:244 Resp: 1474448

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092548.D
Acq: 27 Jan 2017 1:59

Tgt Ion:264 Resp: 353532

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.4	26.0