Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
Data File : BF092673.D
Acq On : 31 Jan 2017 10:23
Operator : SJ/MA
Sample : I1551-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Time: Jan 31 10:49:44 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	170458	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	632482	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	302325	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	405335	20.00	ng	0.00
75) Chrysene-d12	14.13	240	315489	20.00	ng	-0.01
86) Perylene-d12	15.61	264	212158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	690505	69.50	ng	0.00
7) Phenol-d6	6.60	99	601114	47.02	ng	0.00
23) Nitrobenzene-d5	7.53	82	902913	79.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	244333	111.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1598289	95.78	ng	0.00
78) Terphenyl-d14	13.08	244	972414	72.42	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	125539	15.43	ng	# 82
25) Isophorone	7.53	82	890503	42.08	ng	# 65
32) Benzoic acid	8.02	122	725	7.28	ng	# 13
56) 2,4-Dinitrotoluene	10.01	165	39397	6.73	ng	# 20
59) Diethylphthalate	10.42	149	65938	3.44	ng	96
64) 4,6-Dinitro-2-methylphenol	10.80	198	625	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	17005	4.02	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Jan 2017 10:23
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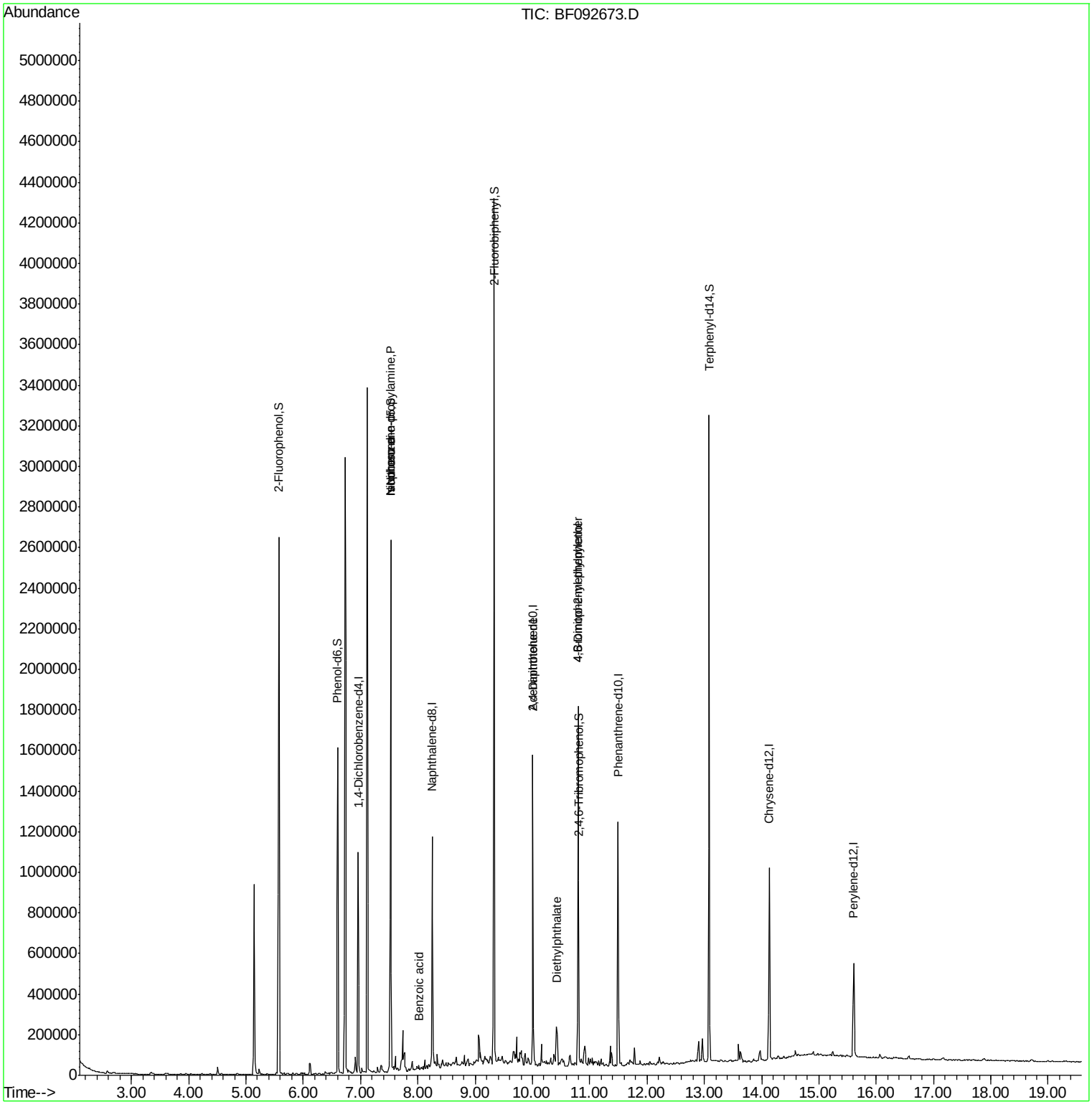
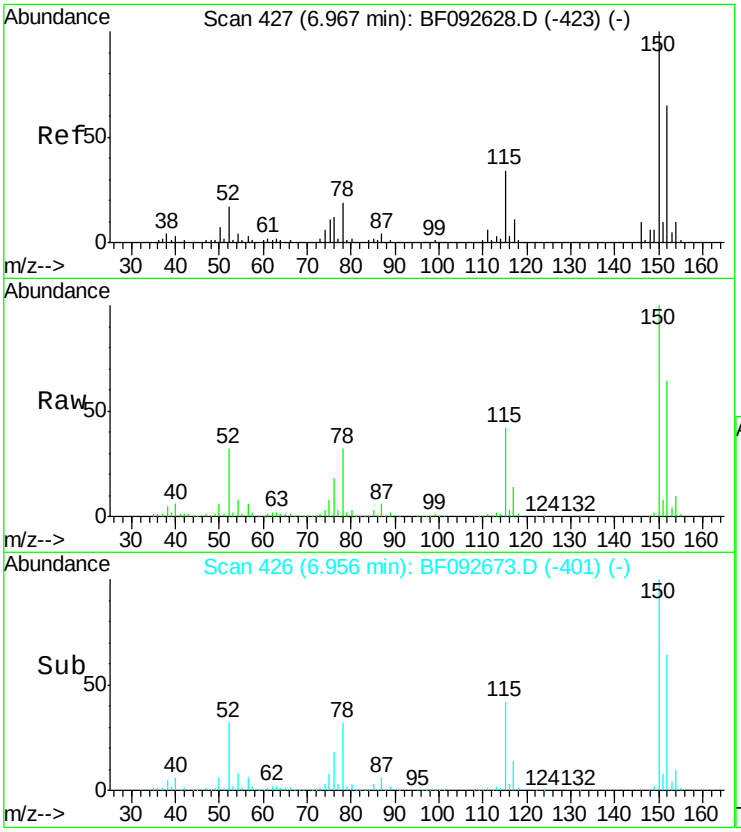


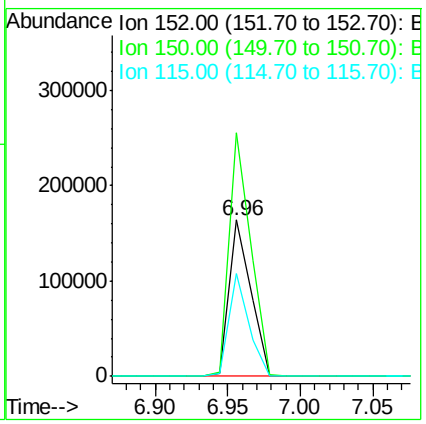


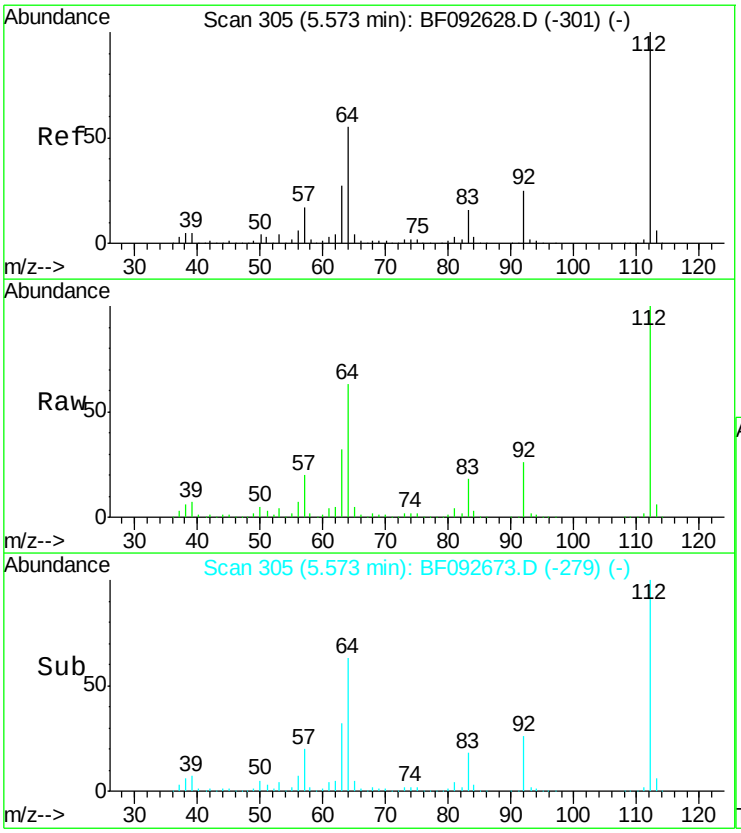
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:152 Resp: 170458

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	65.6	46.0	69.0

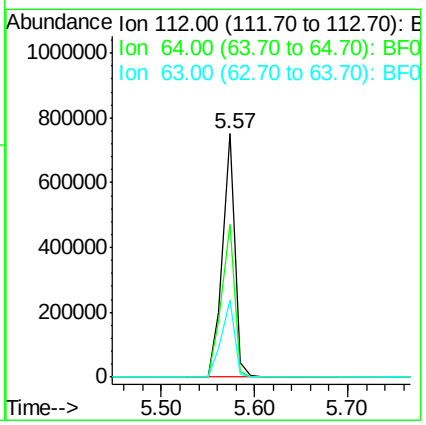


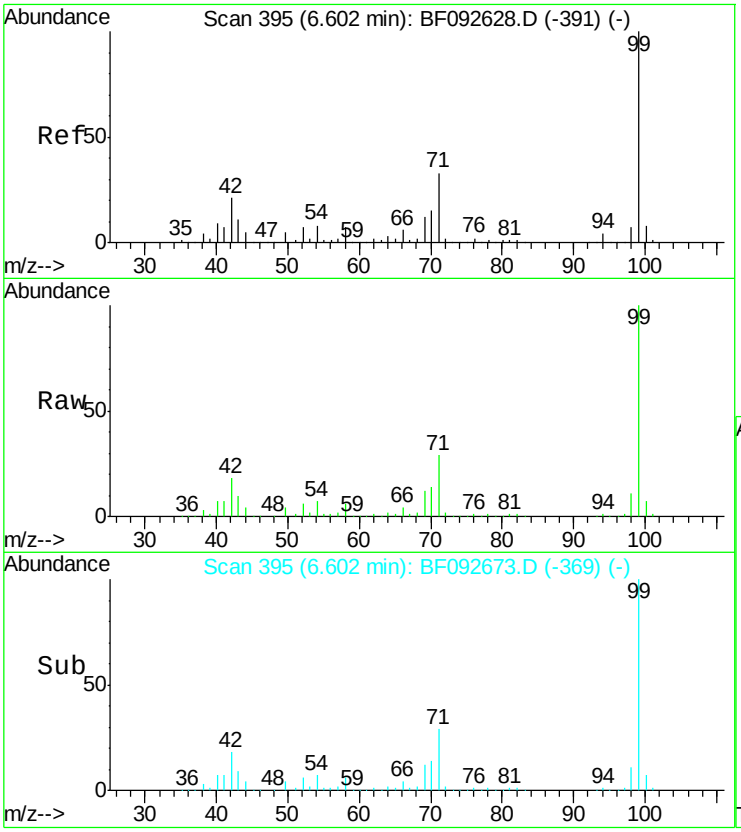


#5
2-Fluorophenol
Concen: 69.50 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:112 Resp: 690505

Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.1	69.1
63	31.6	23.8	35.6



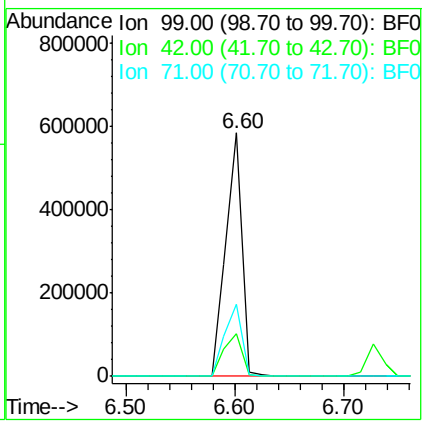


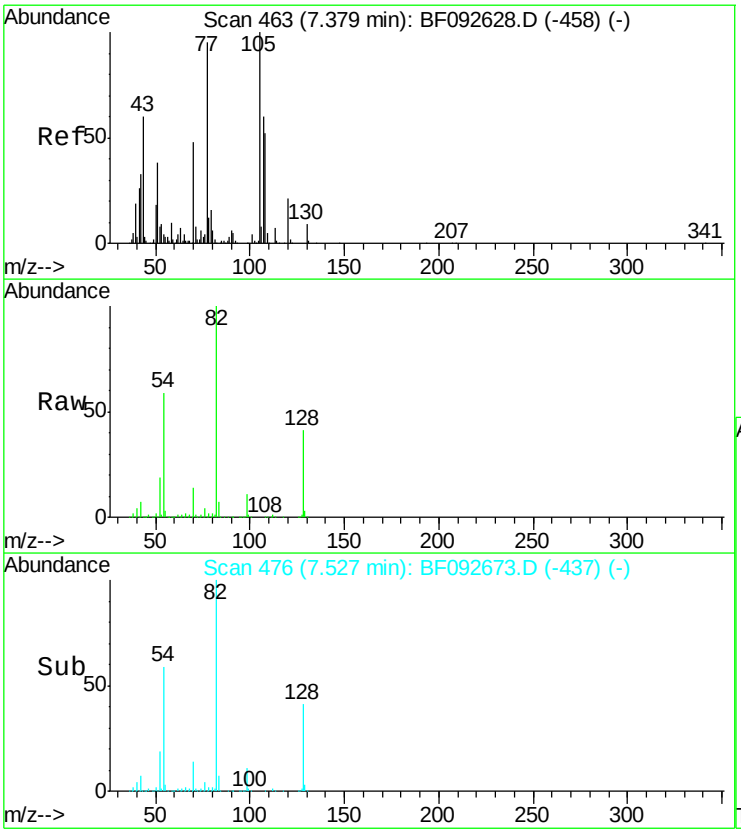
#7
Phenol-d6
Concen: 47.02 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion: 99 Resp: 601114

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.6	23.4
71	29.5	27.5	41.3

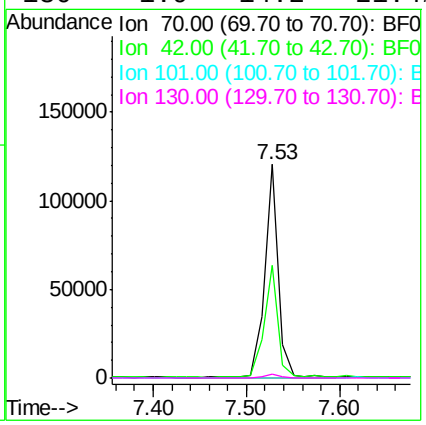


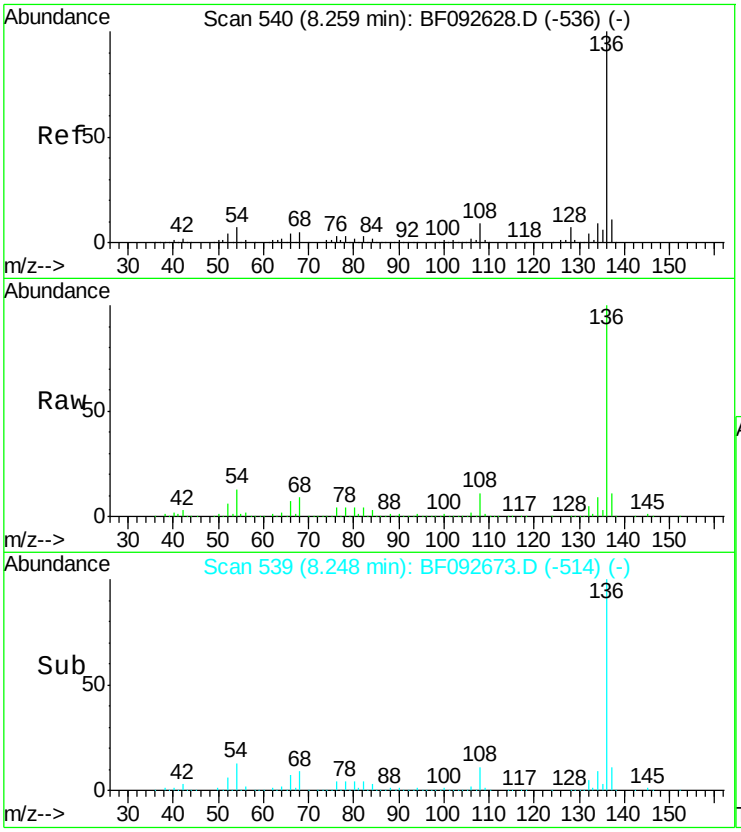


#19
n-Nitroso-di-n-propylamine
Concen: 15.43 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion: 70 Resp: 125539

Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



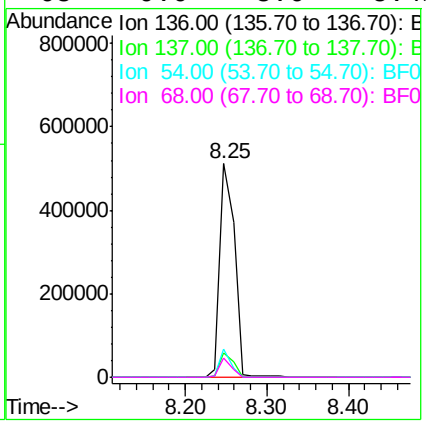


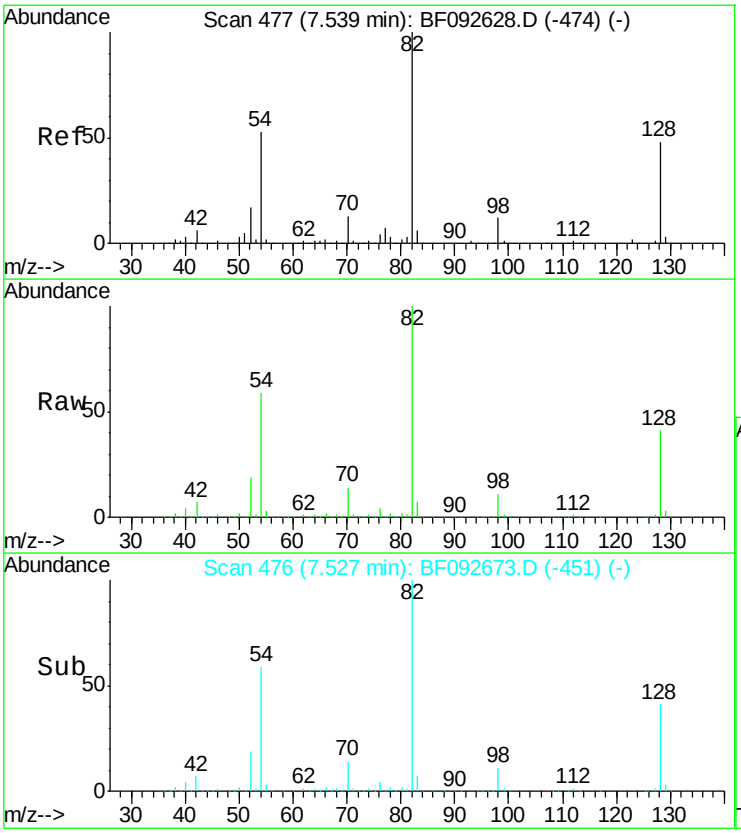
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:136 Resp: 632482

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	13.3	4.5	6.7#
68	9.0	3.6	5.4#

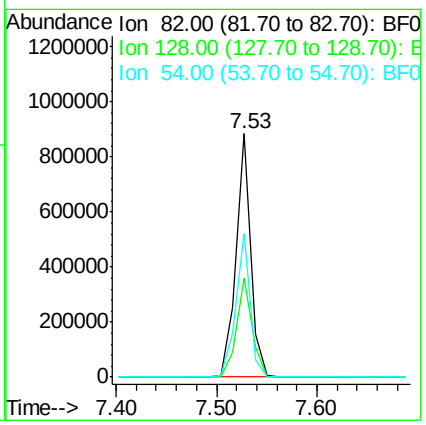


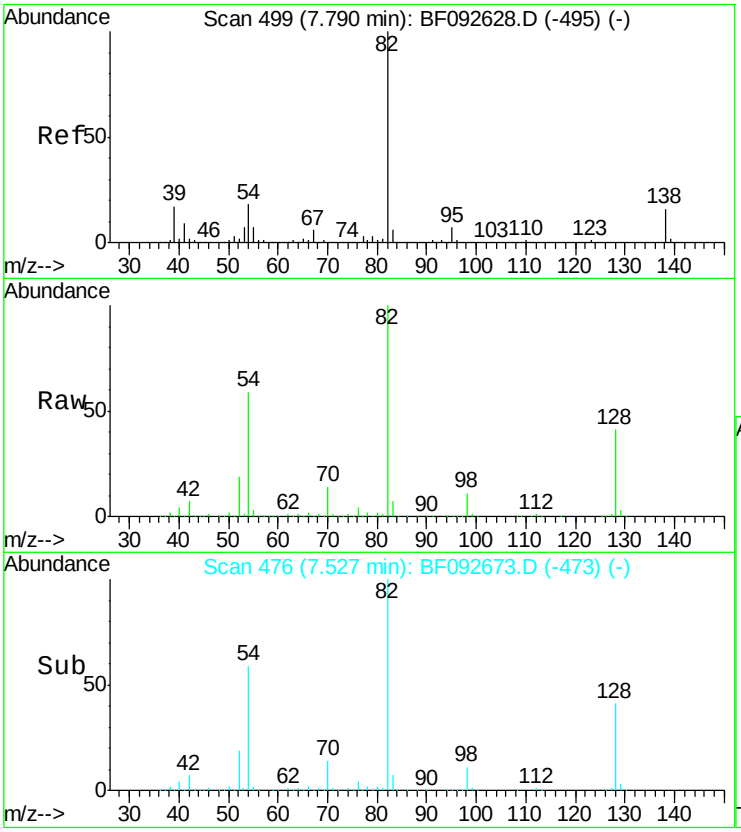


#23
Nitrobenzene-d5
Concen: 79.50 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion: 82 Resp: 902913

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	59.0	39.5	59.3



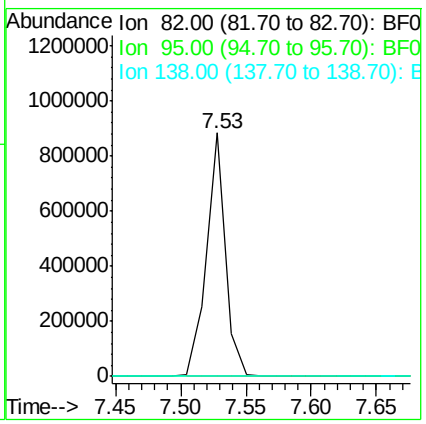


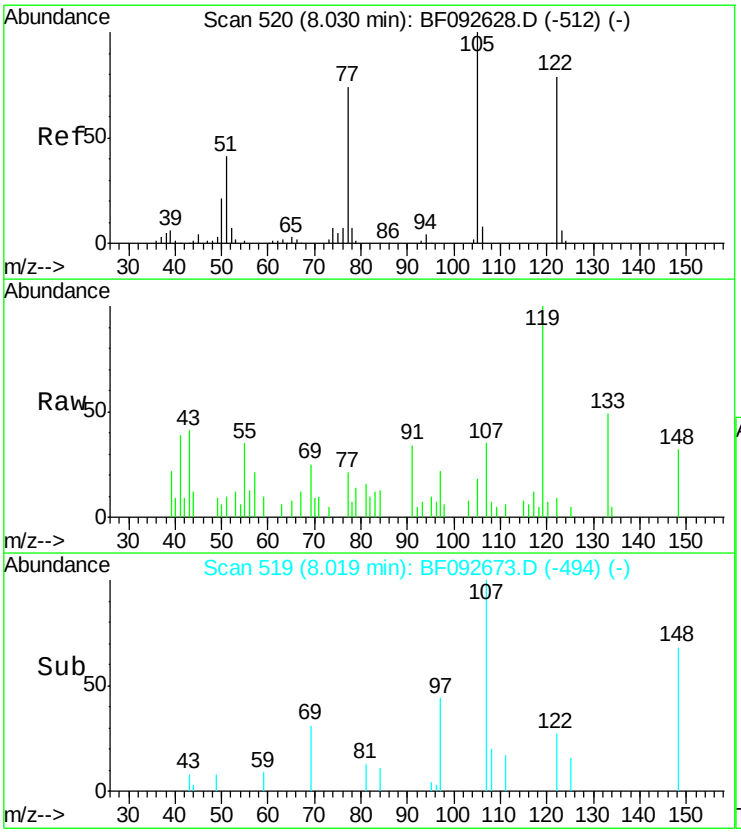
#25
Isophorone
Concen: 42.08 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion: 82 Resp: 890503

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

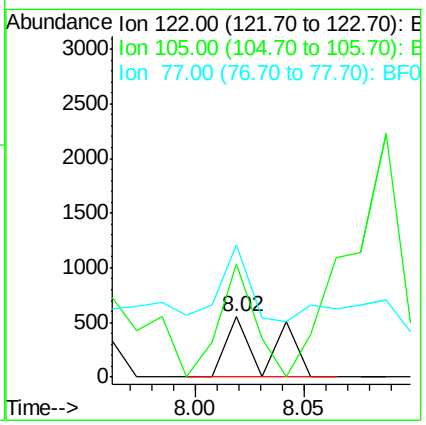


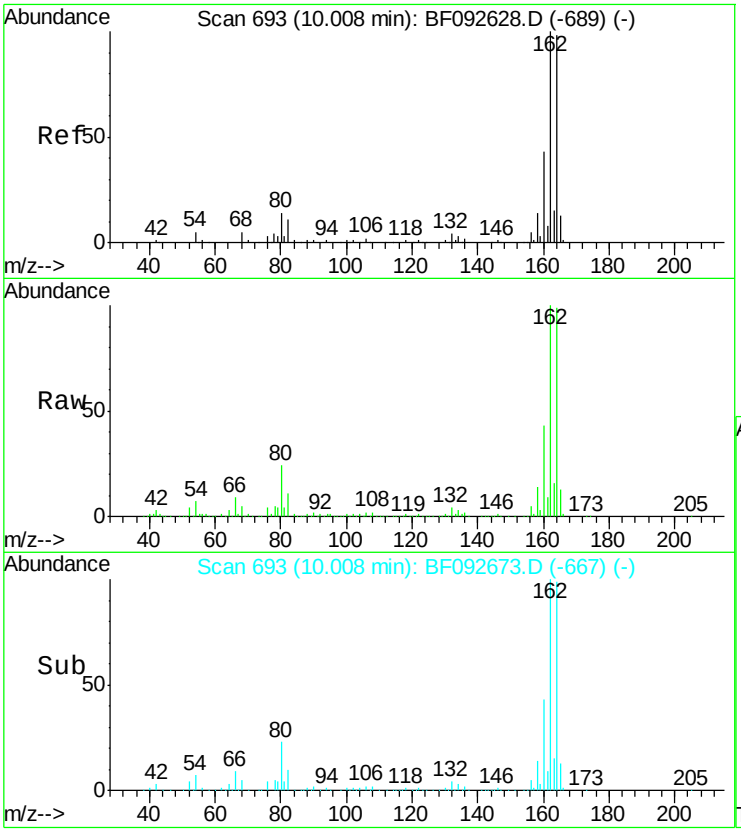


#32
Benzoic acid
Concen: 7.28 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:122 Resp: 725

Ion	Ratio	Lower	Upper
122	100		
105	189.3	107.2	147.2#
77	220.9	74.5	114.5#



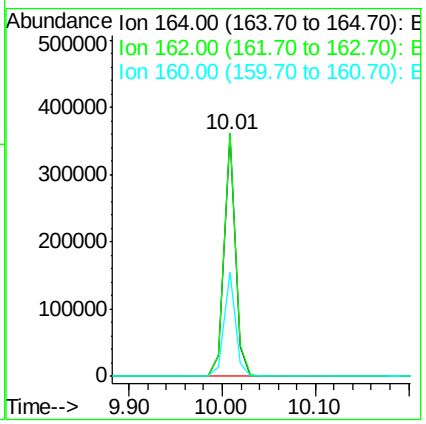


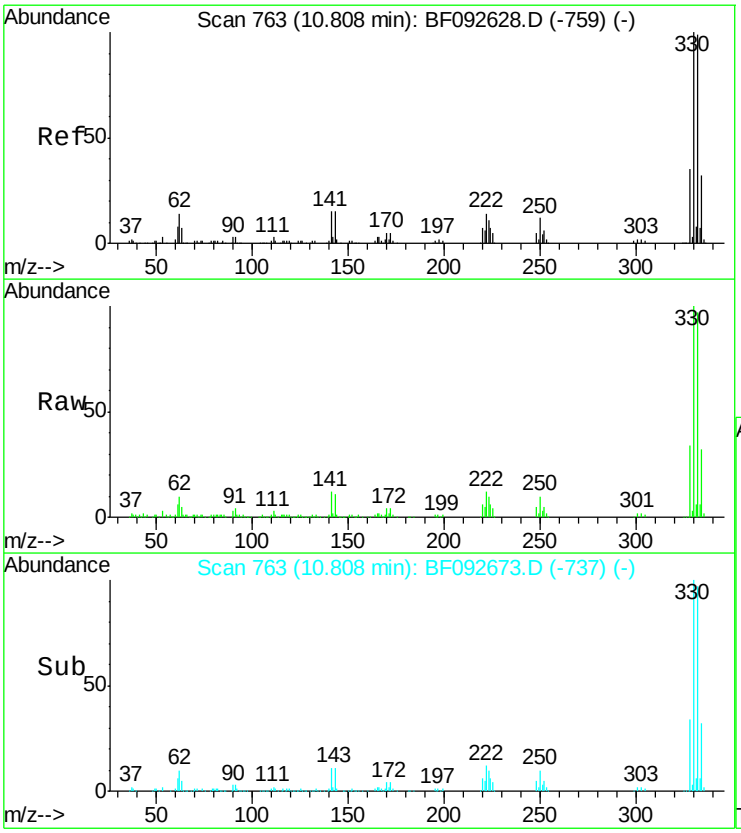
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:164 Resp: 302325

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	43.1	36.9	55.3

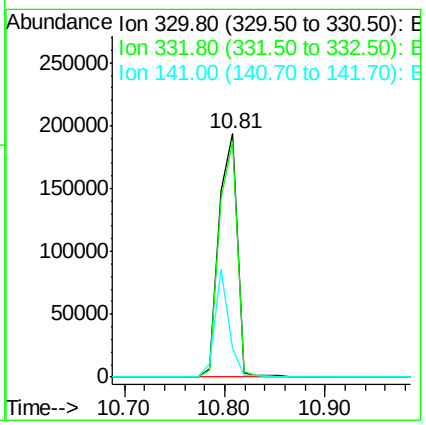


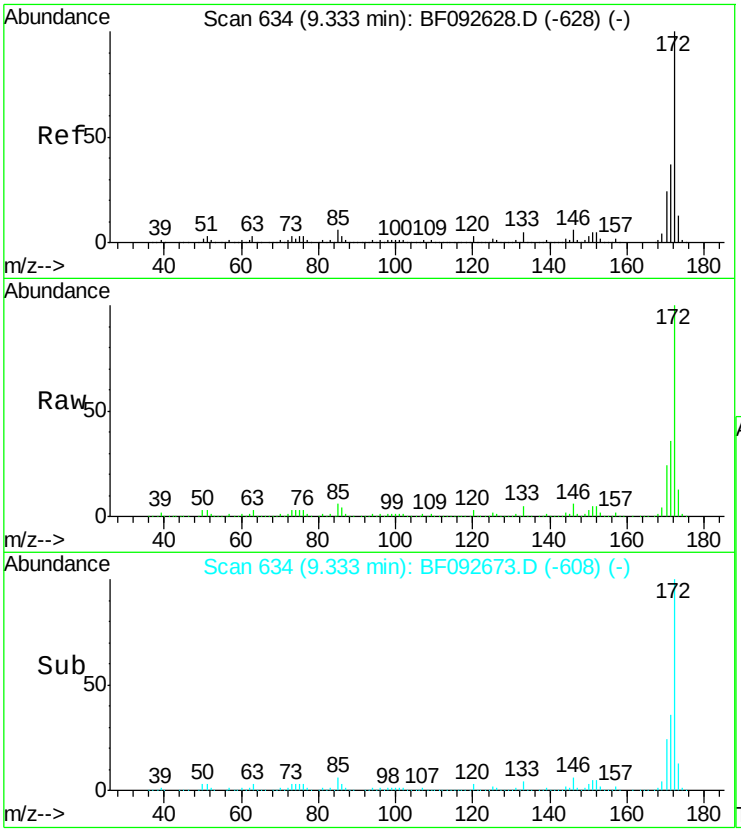


#41
2,4,6-Tribromophenol
Concen: 111.74 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:330 Resp: 244333

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	34.7	34.1	51.1



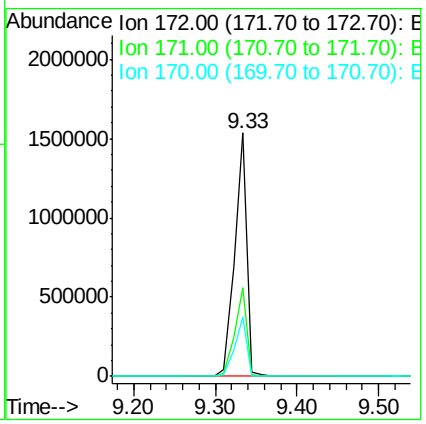


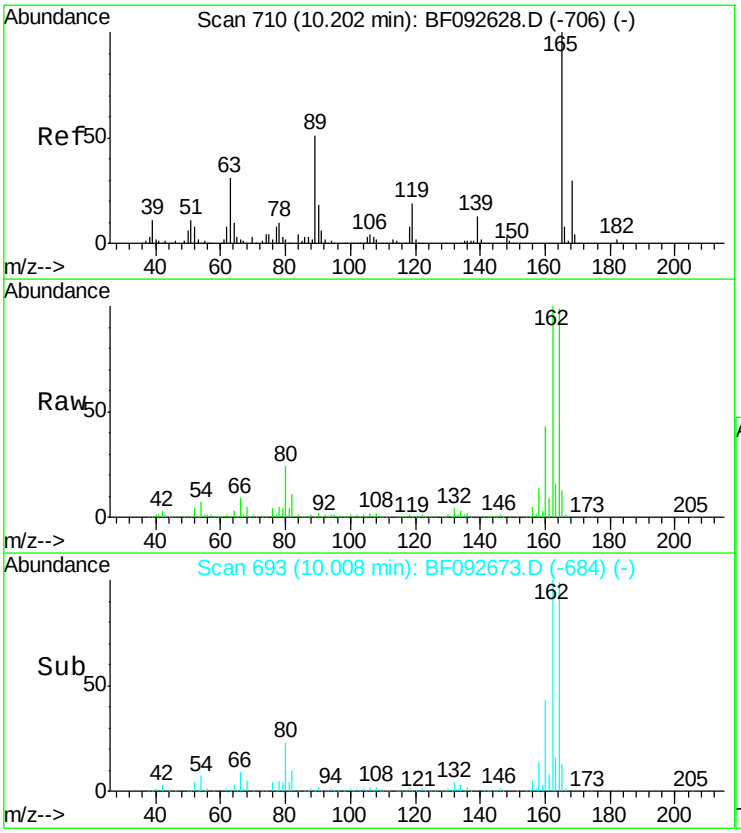
#44
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:172 Resp: 1598289

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4

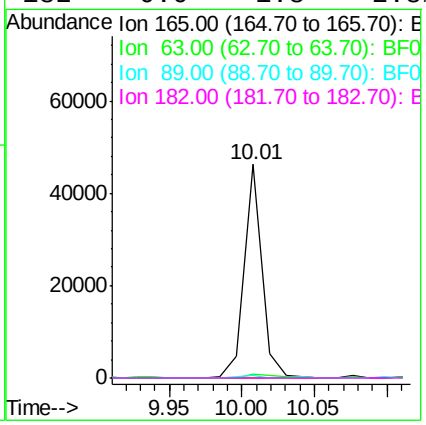


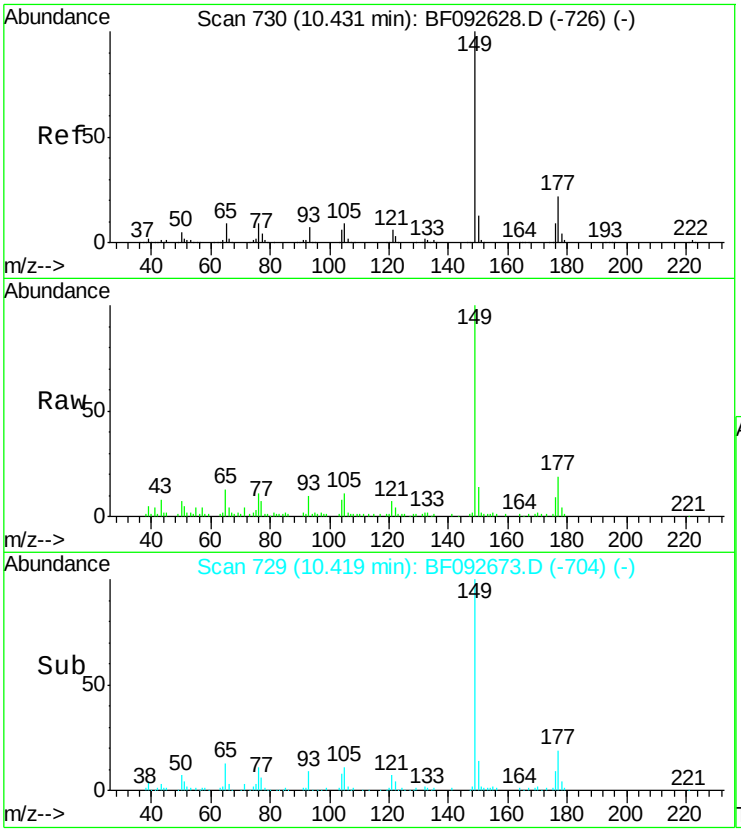


#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:165 Resp: 39397

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



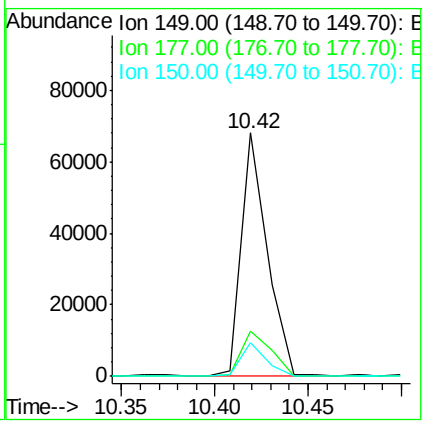


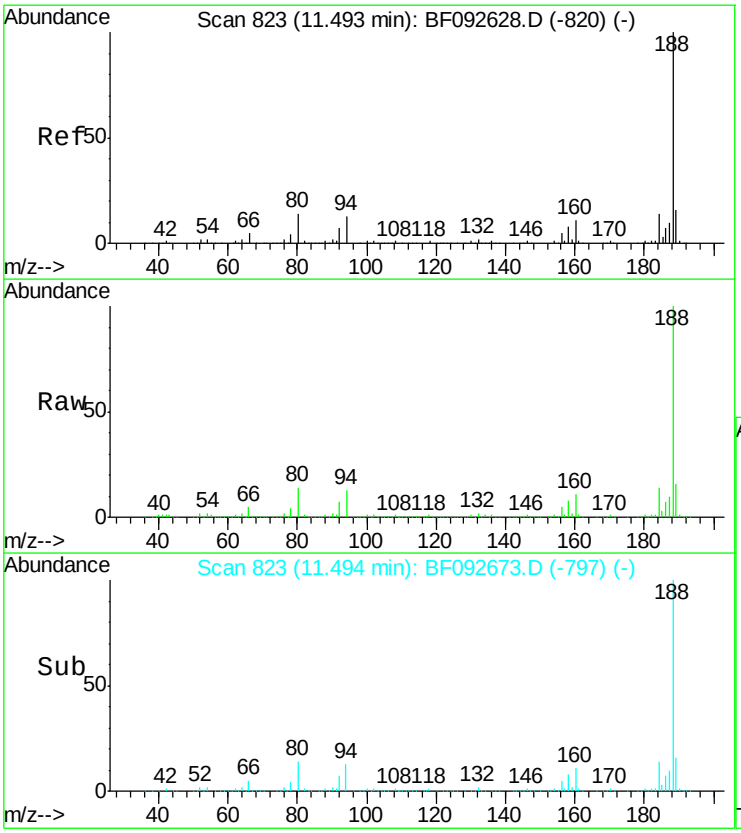
#59
Diethylphthalate
Concen: 3.44 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:149 Resp: 65938

Ion	Ratio	Lower	Upper
149	100		
177	18.6	16.6	25.0
150	13.8	10.4	15.6

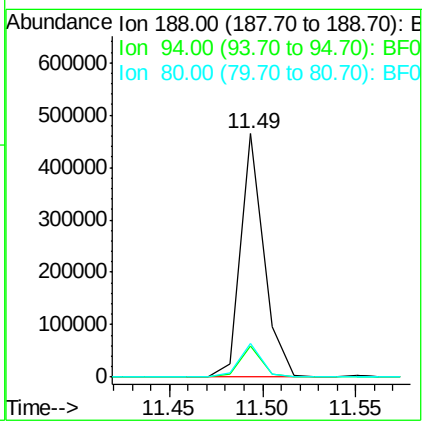


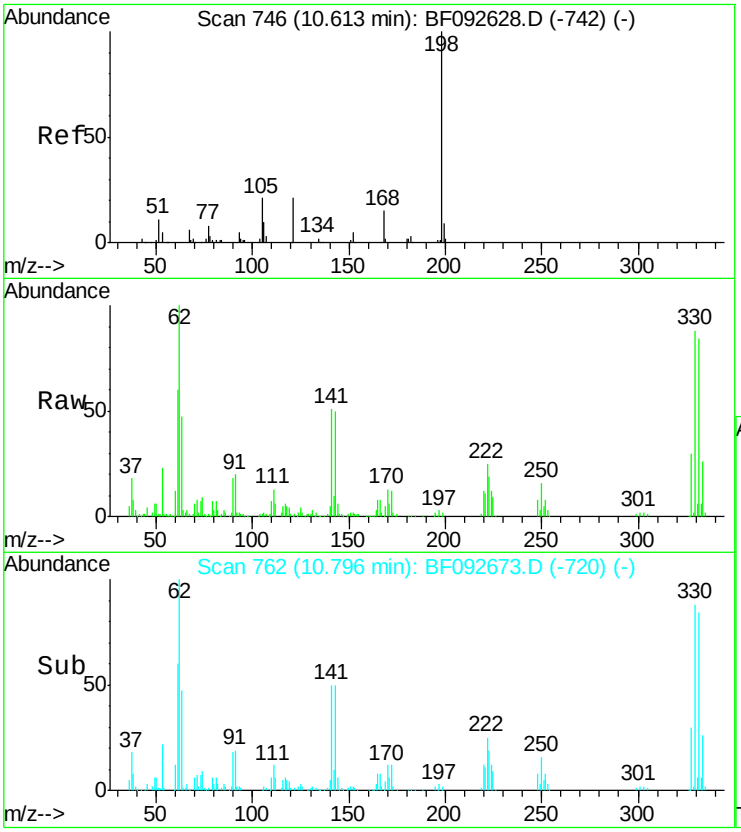


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:188 Resp: 405335

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	14.1	11.2	16.8



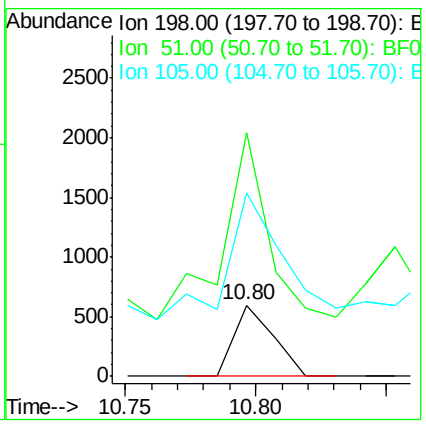


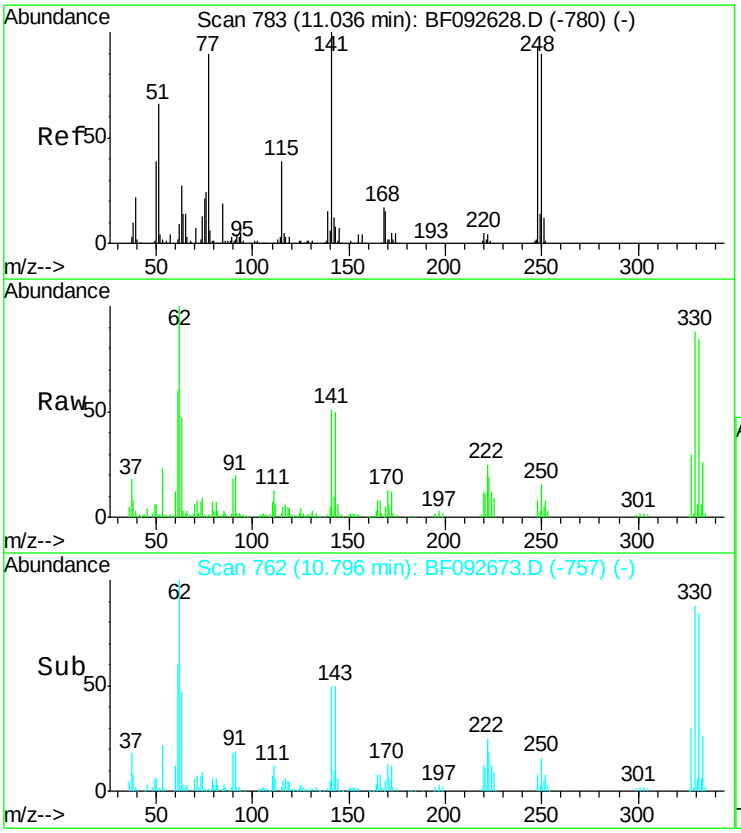
#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:198 Resp: 625

Ion	Ratio	Lower	Upper
198	100		
51	343.2	6.7	46.7#
105	258.8	16.6	56.6#

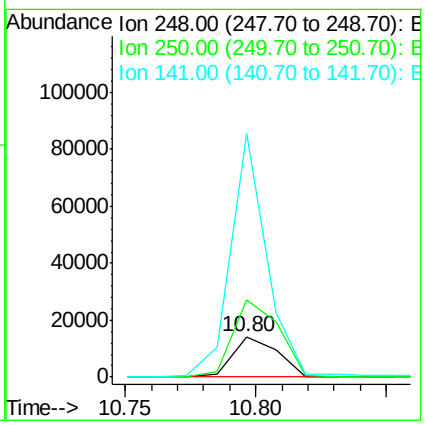


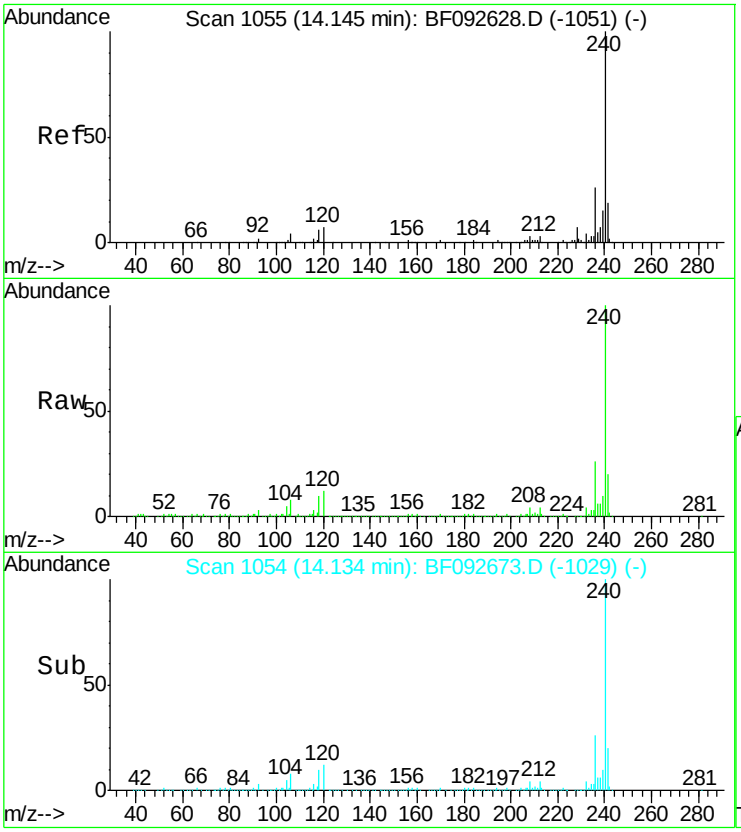


#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:248 Resp: 17005

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	606.5	68.2	102.4#



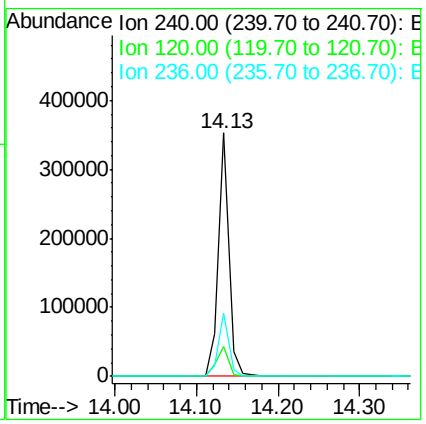


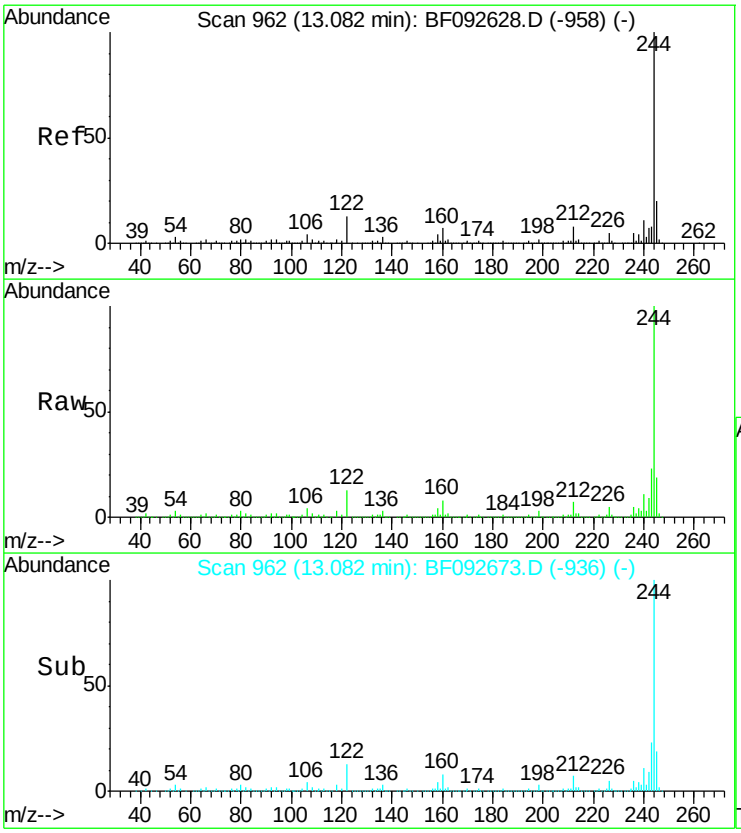
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:240 Resp: 315489

Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.9	19.3#
236	26.0	20.9	31.3

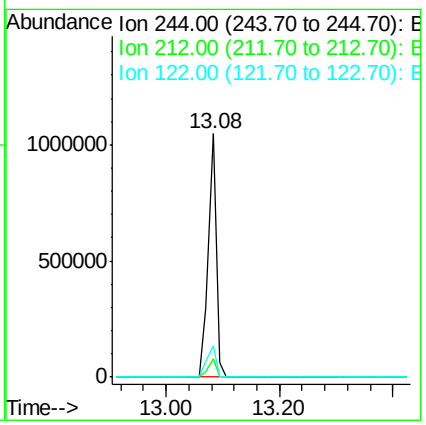


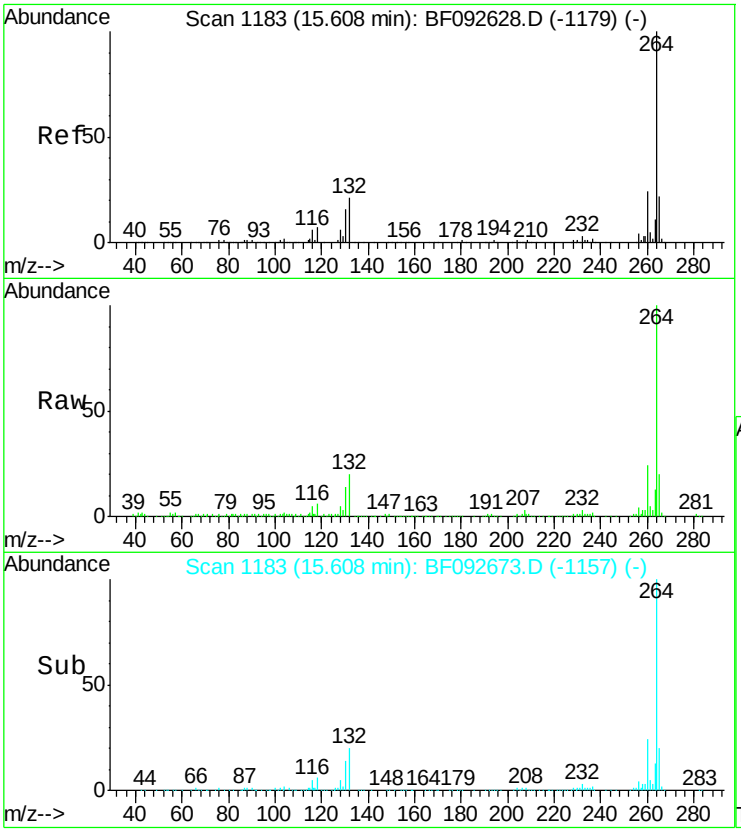


#78
Terphenyl-d14
Concen: 72.42 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:244 Resp: 972414

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.8	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: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:264 Resp: 212158

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.5	17.4	26.0