Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
Data File : BF092697.D
Acq On : 31 Jan 2017 22:41
Operator : SJ/MA
Sample : I1596-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

Quant Time: Feb 01 00:22:50 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	6.94	152	174850	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	687531	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	370185	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	585711	20.00	ng		0.00
75) Chrysene-d12	14.12	240	477710	20.00	ng		-0.02
86) Perylene-d12	15.60	264	385785	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	426238	41.82	ng		-0.02
7) Phenol-d6	6.58	99	389412	29.70	ng		-0.02
23) Nitrobenzene-d5	7.52	82	962470	77.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	255418	95.40	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1614767	79.03	ng		-0.01
78) Terphenyl-d14	13.07	244	1260889	62.02	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.59	94	50564	3.30	ng		82
19) n-Nitroso-di-n-propylamine	7.52	70	133893	16.04	ng	#	79
25) Isophorone	7.52	82	915267	39.78	ng	#	65
27) 2,4-Dimethylphenol	7.89	122	23278	2.20	ng		95
32) Benzoic acid	7.89	122	23278	10.47	ng	#	14
49) Dimethylphthalate	9.71	163	175999	7.06	ng		98
56) 2,4-Dinitrotoluene	10.00	165	51409	7.17	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.80	198	654	2.84	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	20155	3.29	ng	#	1

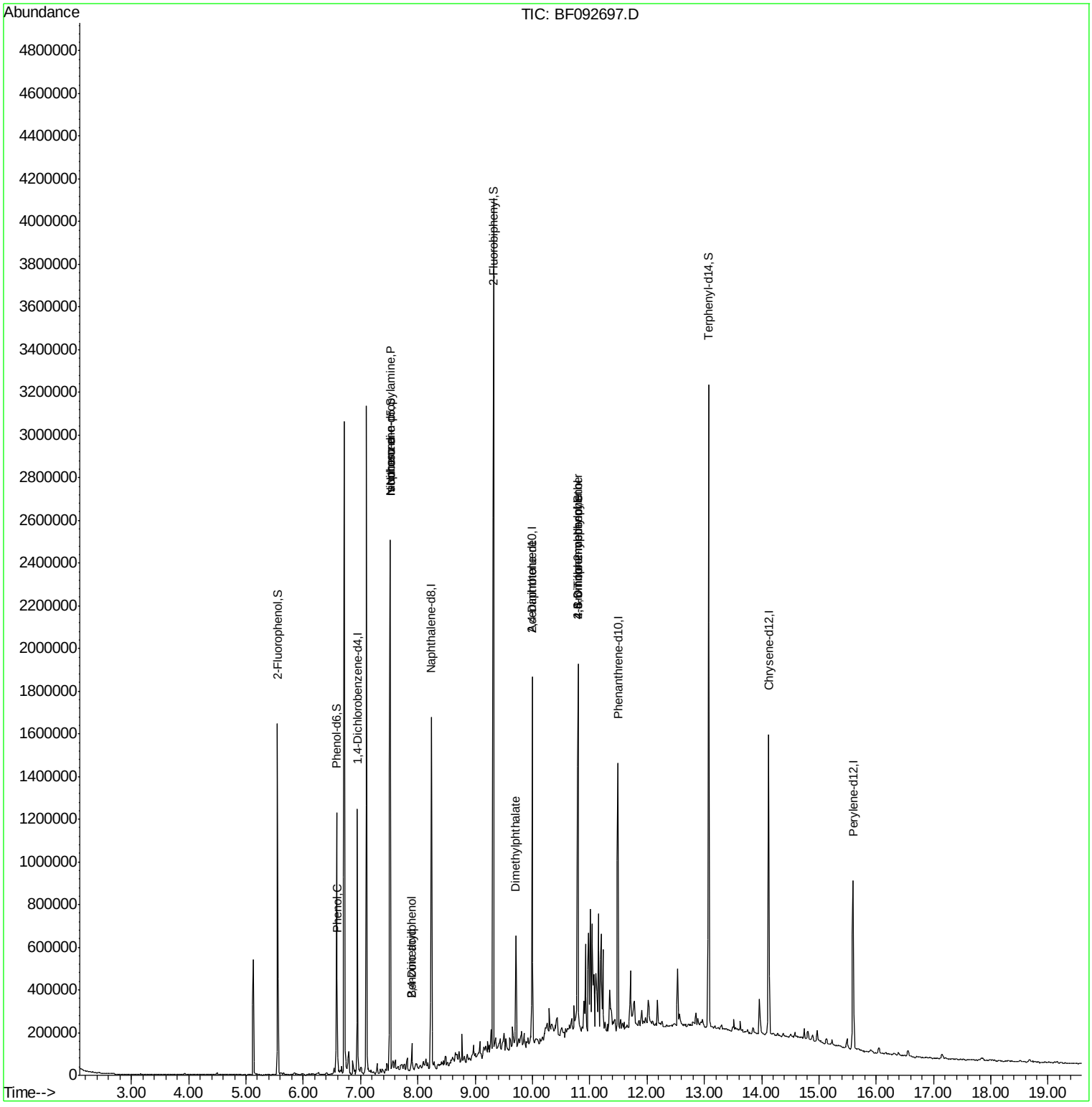
(#) = qualifier out of range (m) = manual integration (+) = signals summed

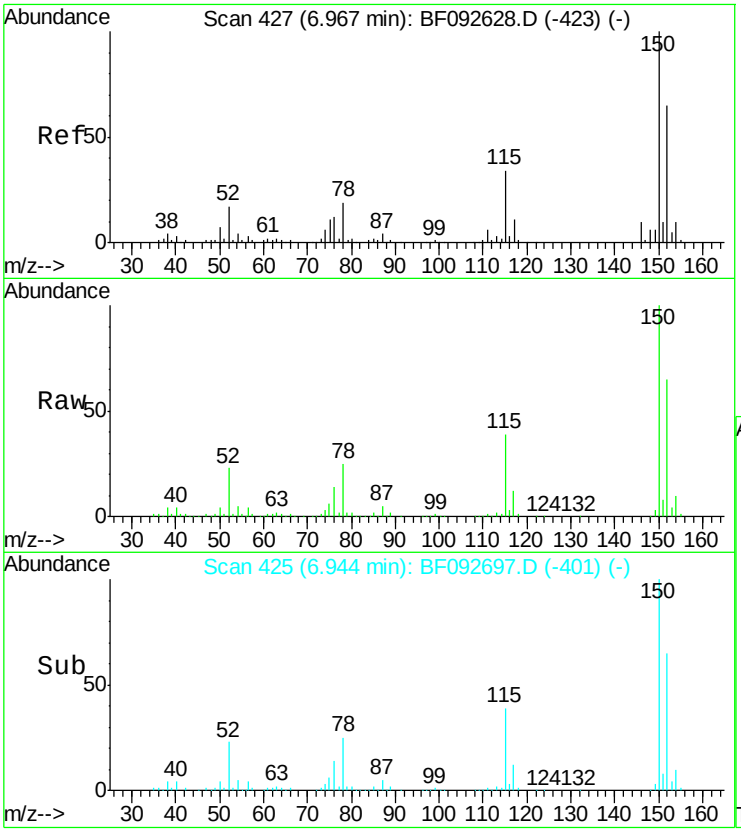
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
Data File : BF092697.D
Acq On : 31 Jan 2017 22:41
Operator : SJ/MA
Sample : I1596-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

Quant Time: Feb 01 00:22:50 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



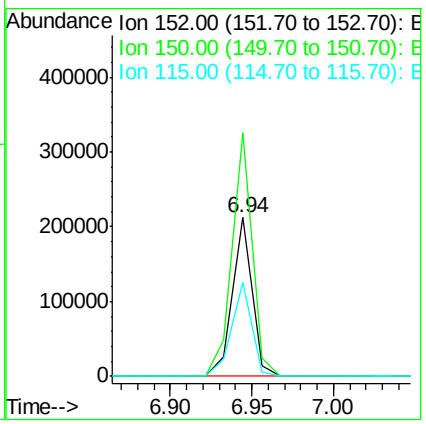


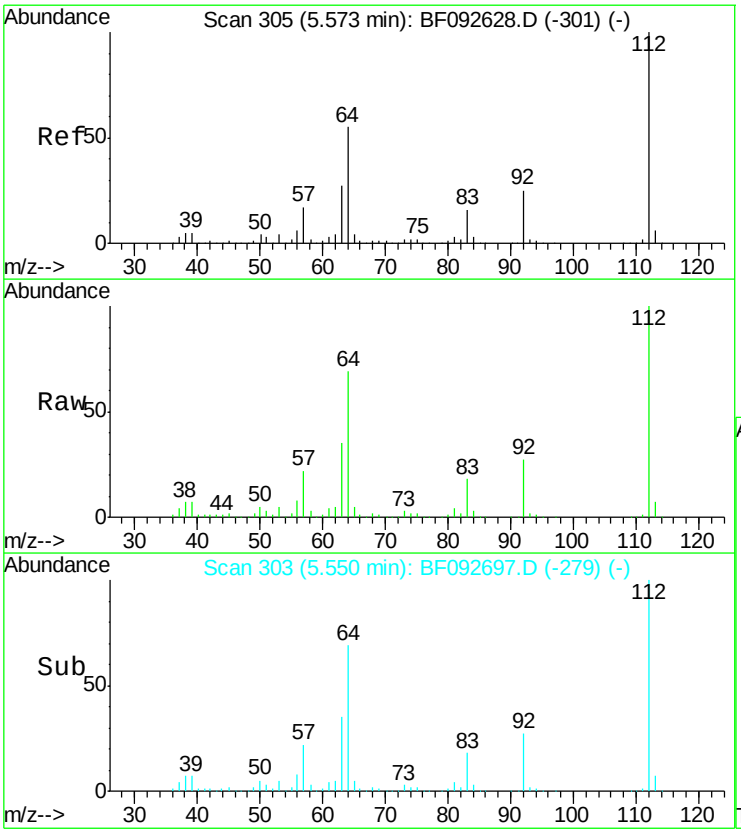
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 174850

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.9	187.3
115	59.3	46.0	69.0

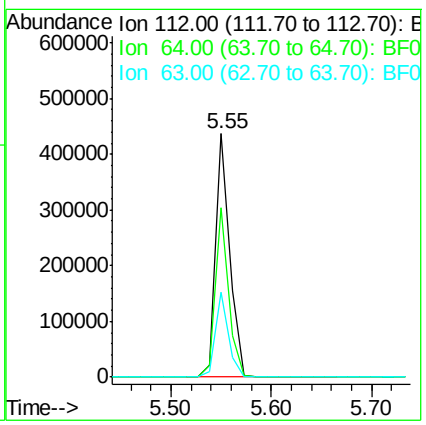


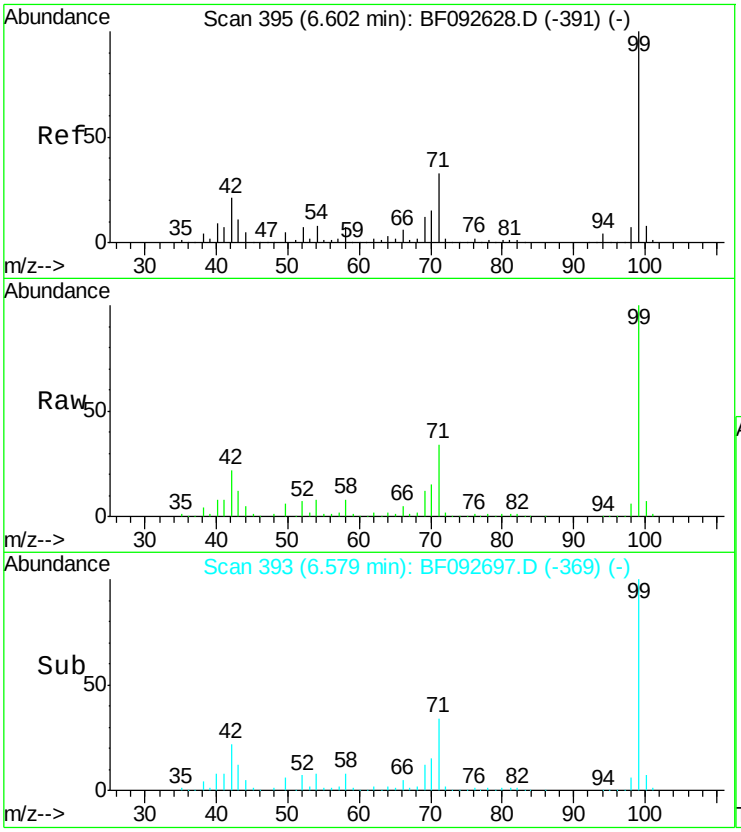


#5
2-Fluorophenol
Concen: 41.82 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:112 Resp: 426238

Ion	Ratio	Lower	Upper
112	100		
64	69.4	46.1	69.1#
63	34.8	23.8	35.6



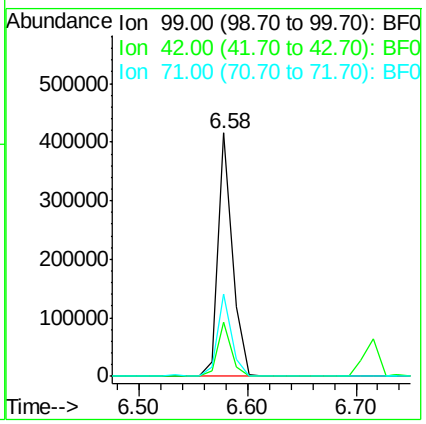


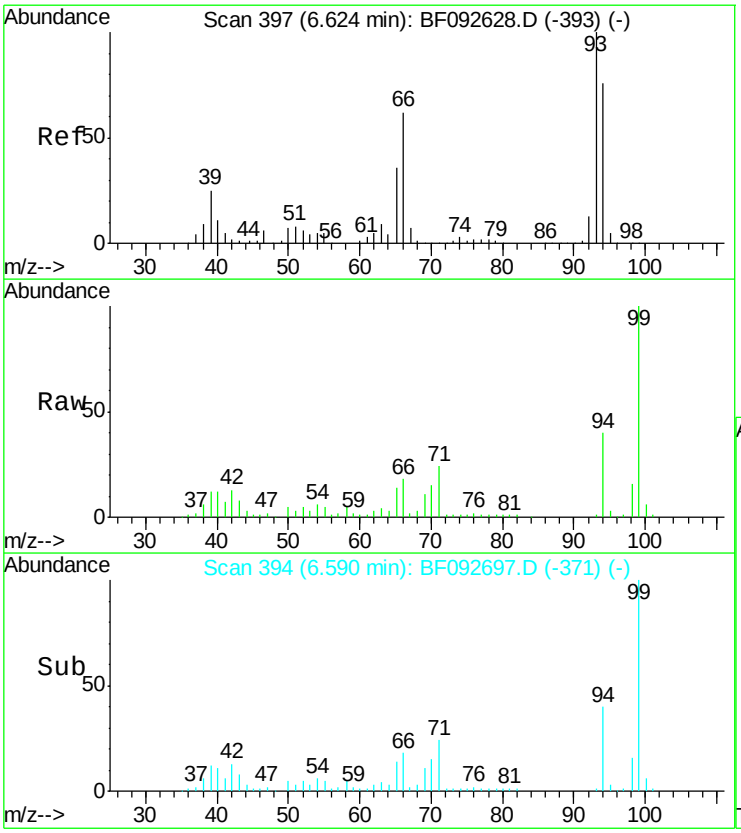
#7
Phenol-d6
Concen: 29.70 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 99 Resp: 389412

Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.6	23.4
71	33.6	27.5	41.3

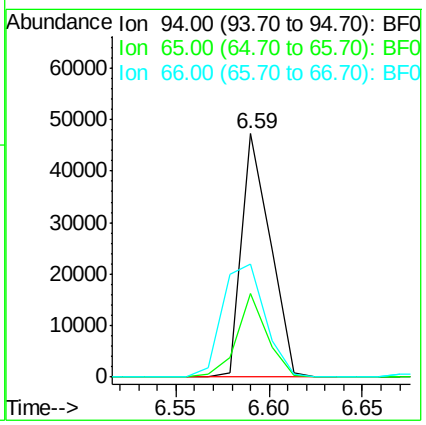


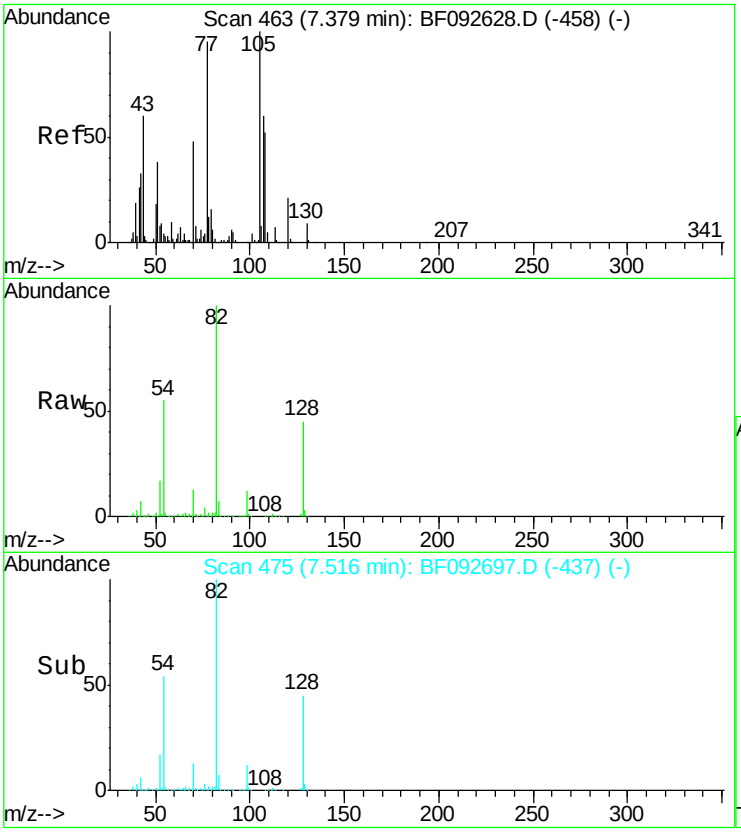


#10
Phenol
Concen: 3.30 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion: 94 Resp: 50564

Ion	Ratio	Lower	Upper
94	100		
65	34.2	21.4	61.4
66	46.3	44.0	84.0



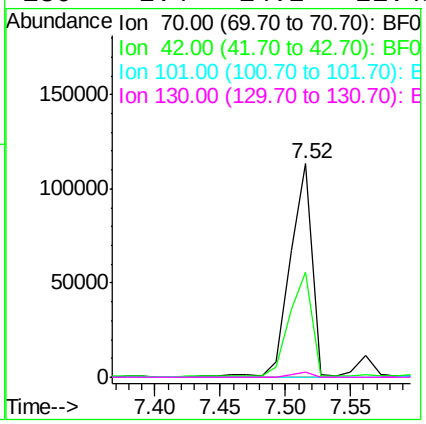


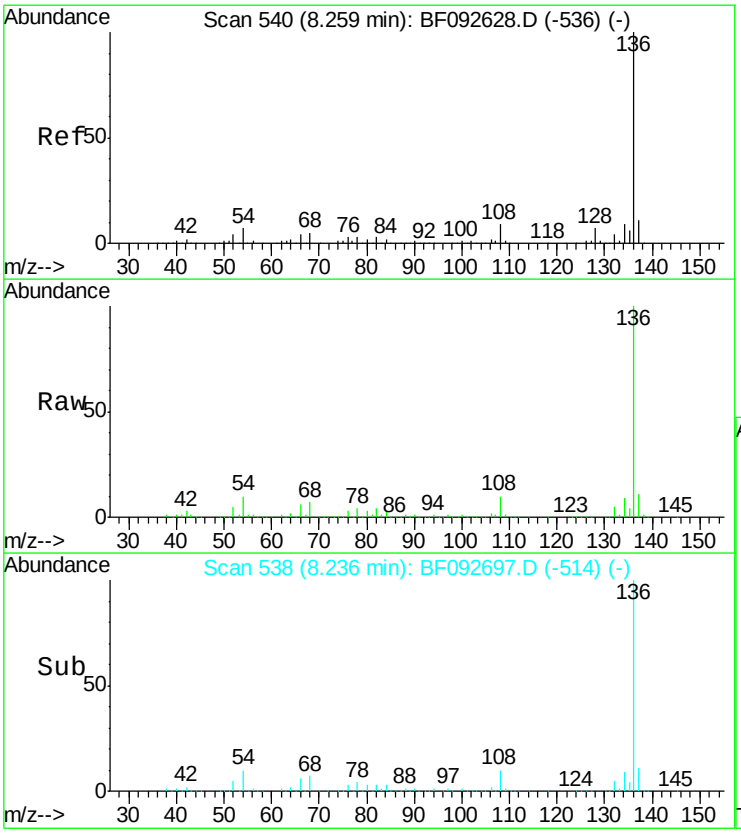
#19
n-Nitroso-di-n-propylamine
Concen: 16.04 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 70 Resp: 133893

Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

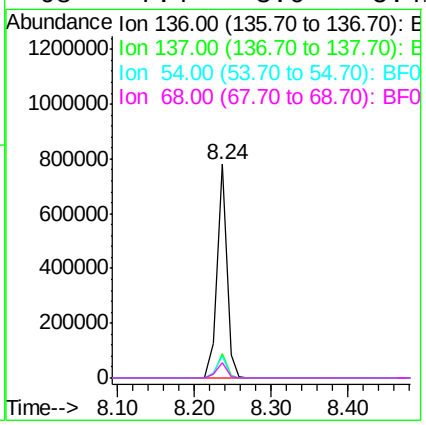


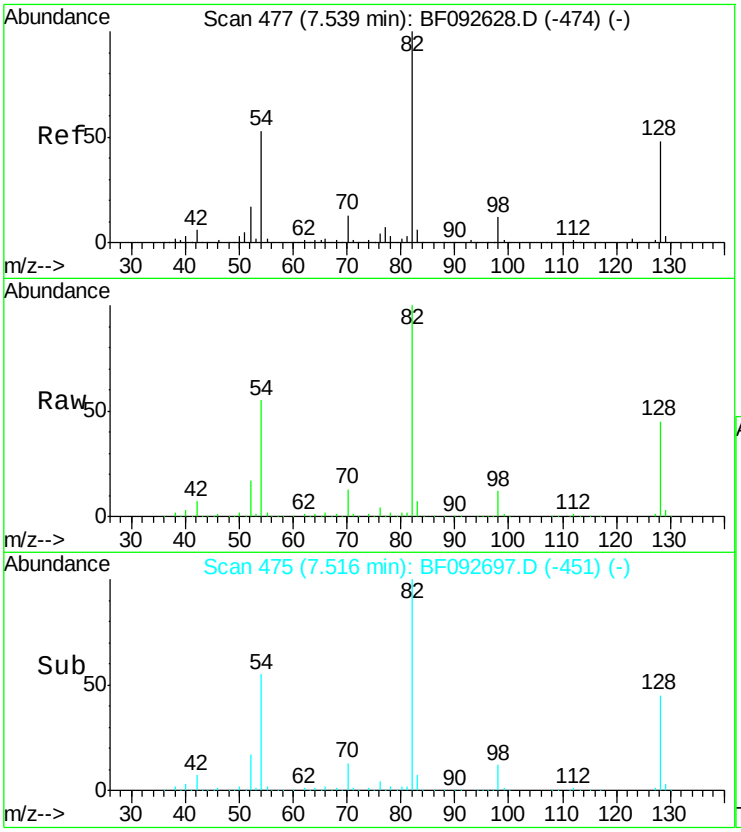


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:136 Resp: 687531

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.4	4.5	6.7#
68	7.4	3.6	5.4#



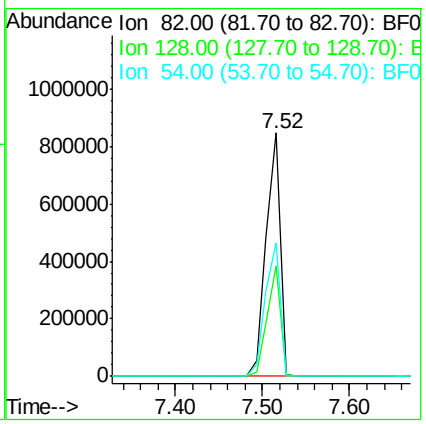


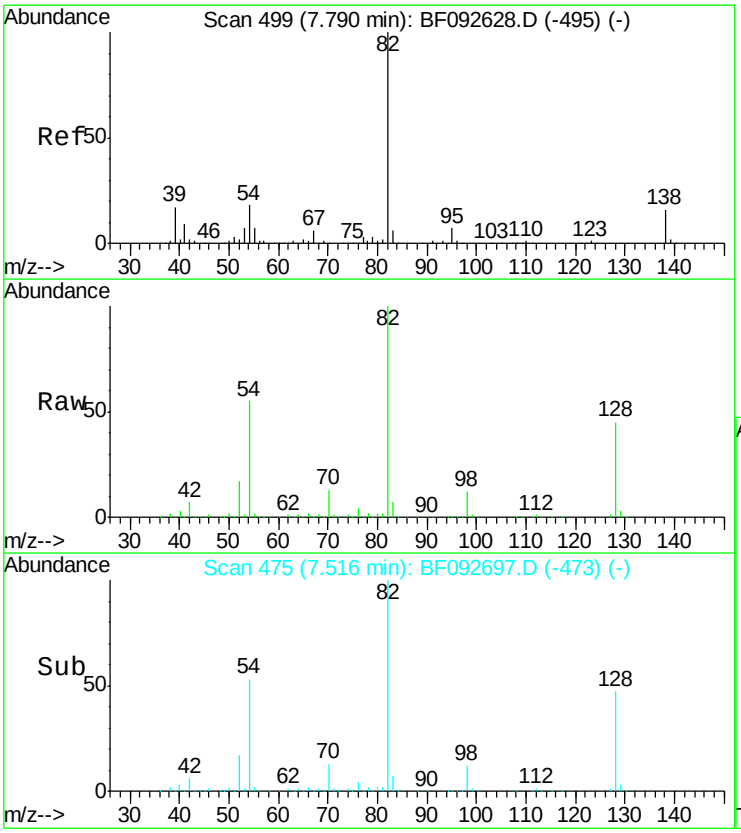
#23
Nitrobenzene-d5
Concen: 77.96 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 82 Resp: 962470

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	52.0
54	54.6	39.5	59.3

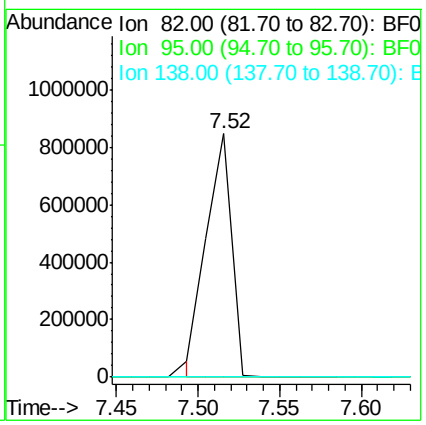


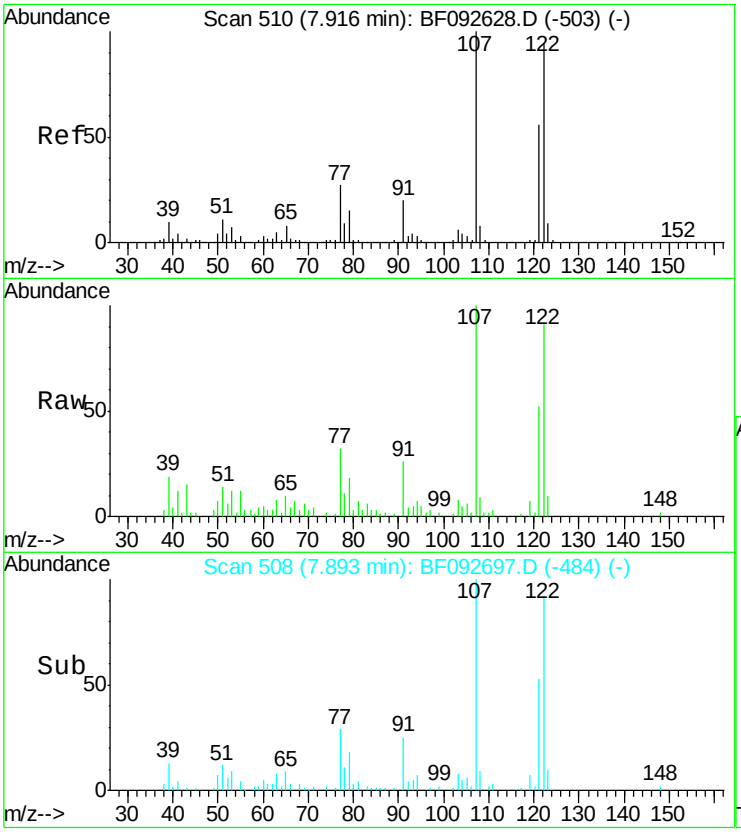


#25
Isophorone
Concen: 39.78 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion: 82 Resp: 915267

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



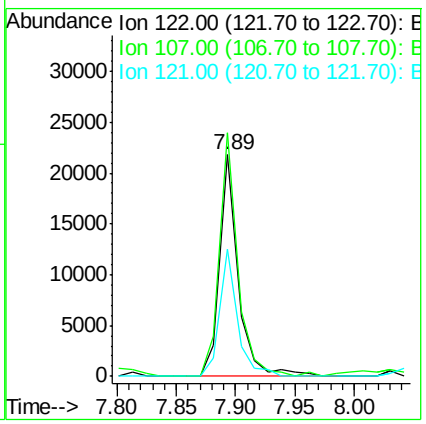


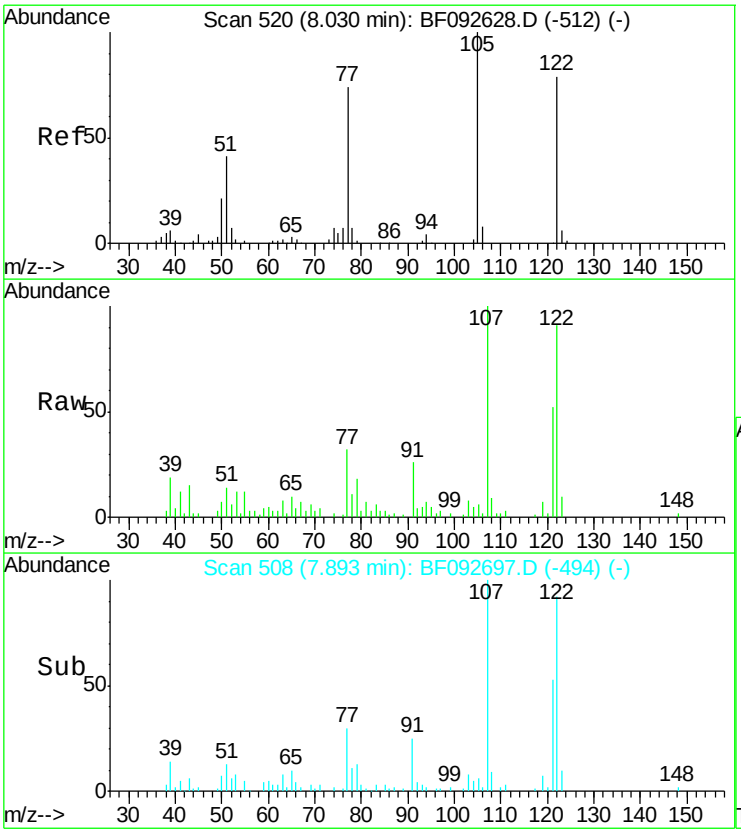
#27
2,4-Dimethylphenol
Concen: 2.20 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:122 Resp: 23278

Ion	Ratio	Lower	Upper
122	100		
107	110.0	94.1	141.1
121	57.4	46.0	69.0

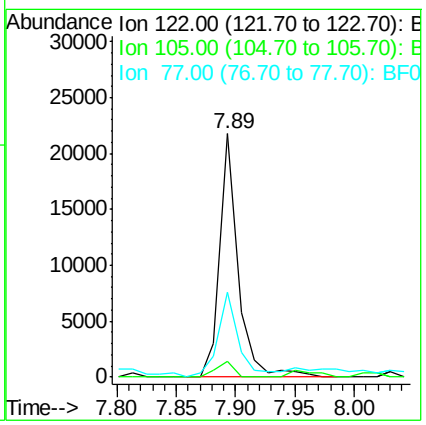


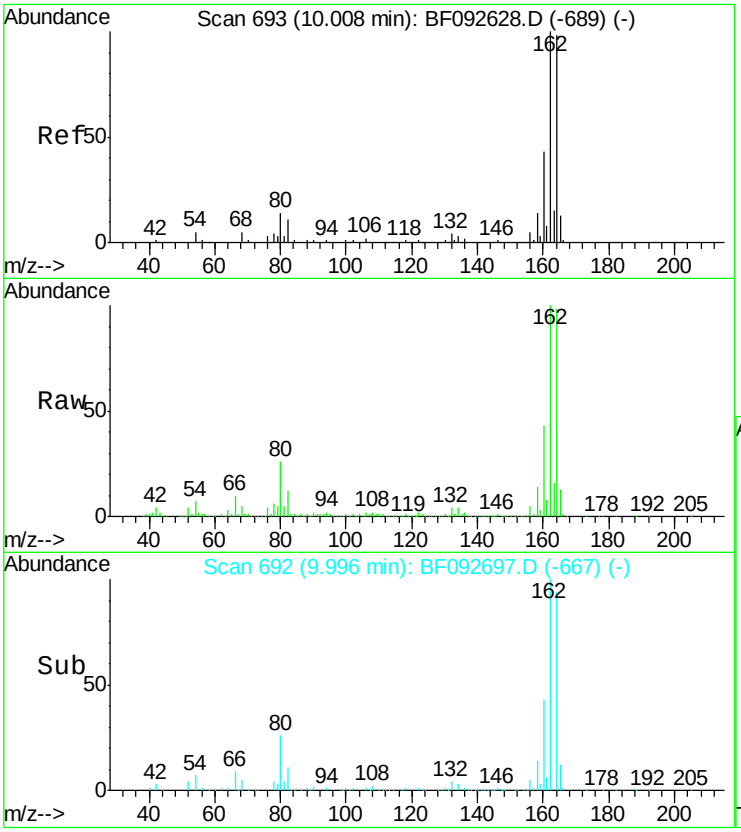


#32
Benzoic acid
Concen: 10.47 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.14 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:122 Resp: 23278

Ion	Ratio	Lower	Upper
122	100		
105	6.4	107.2	147.2#
77	34.9	74.5	114.5#



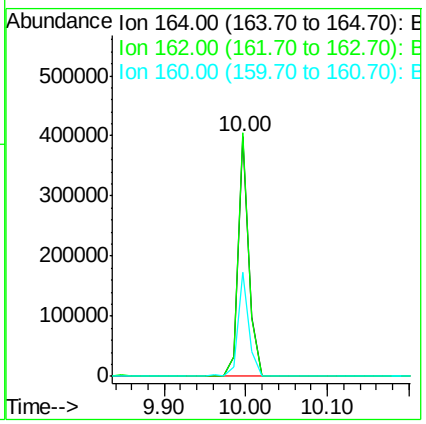


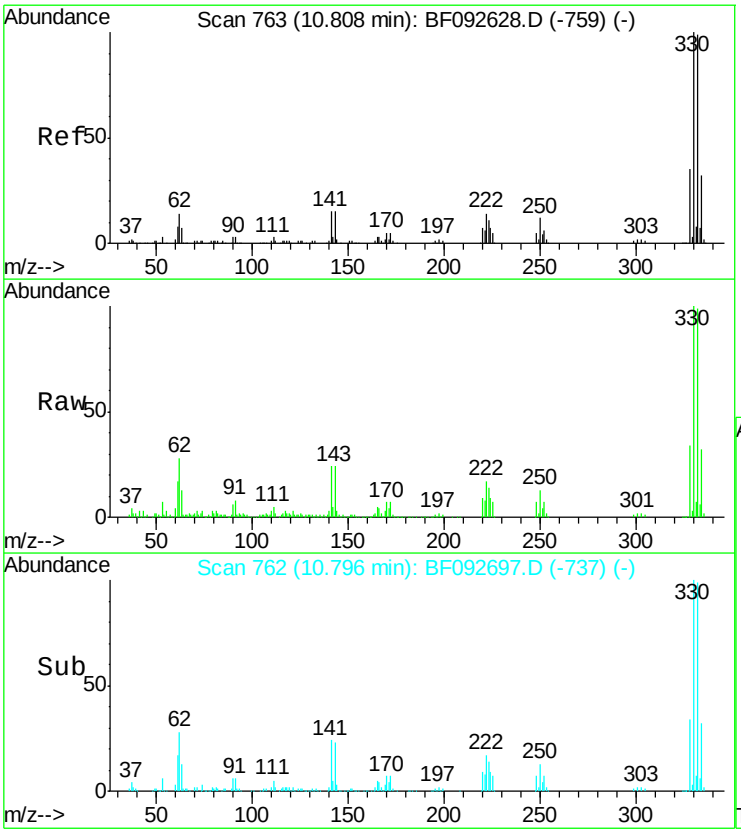
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:164 Resp: 370185

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	43.4	36.9	55.3

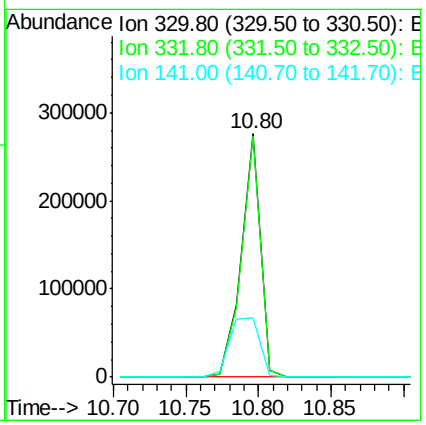


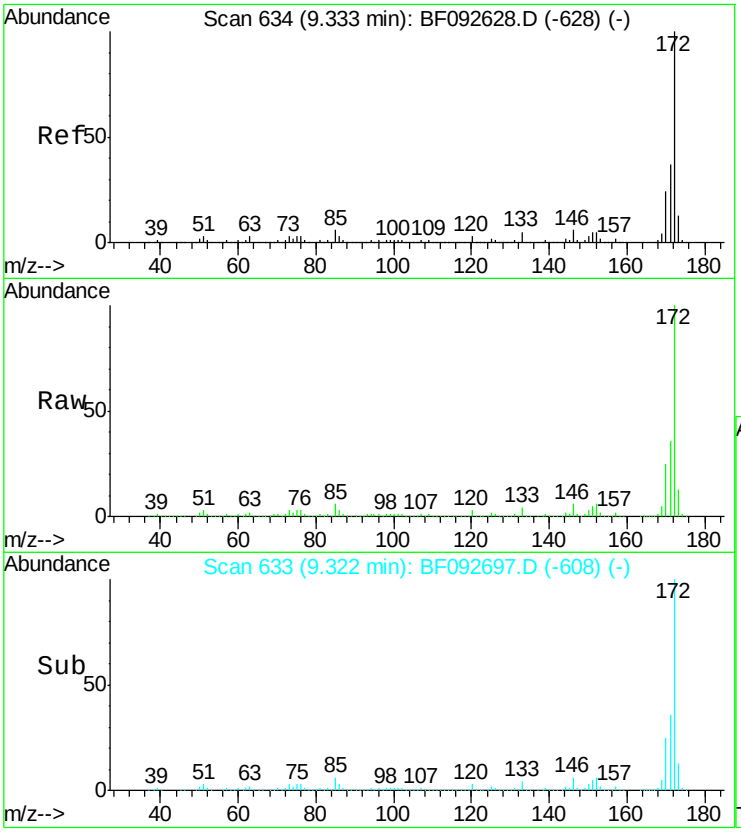


#41
2,4,6-Tribromophenol
Concen: 95.40 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:330 Resp: 255418

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	37.7	34.1	51.1



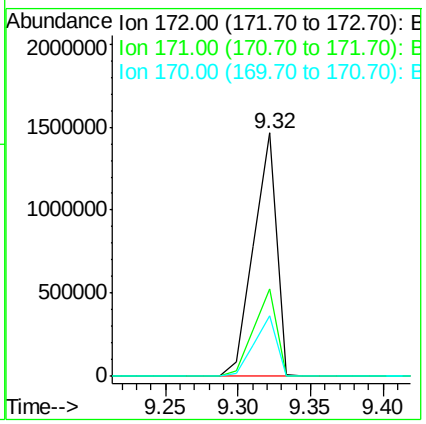


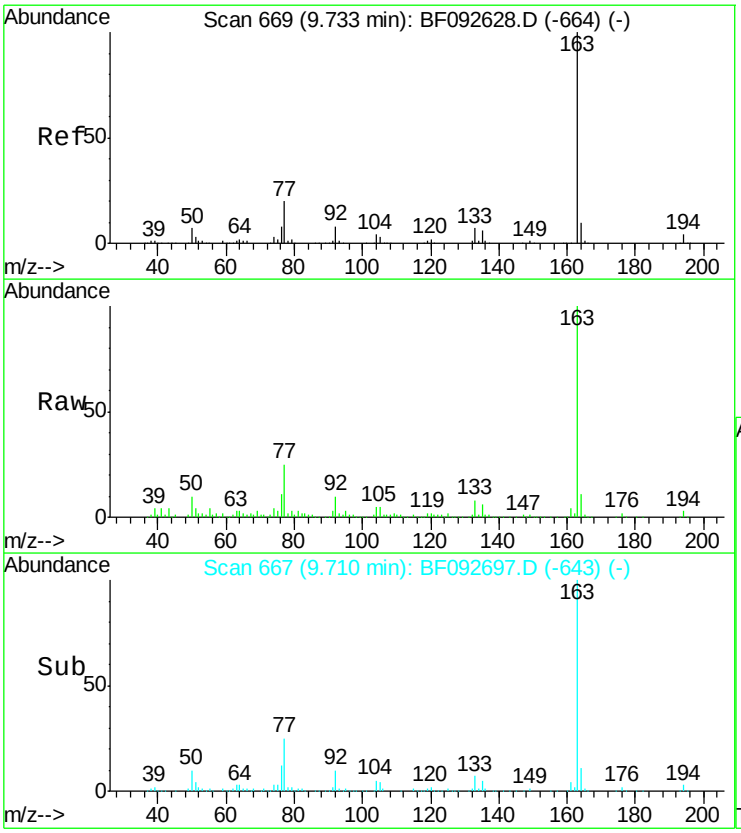
#44
2-Fluorobiphenyl
Concen: 79.03 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:172 Resp: 1614767

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.7	20.2	30.4

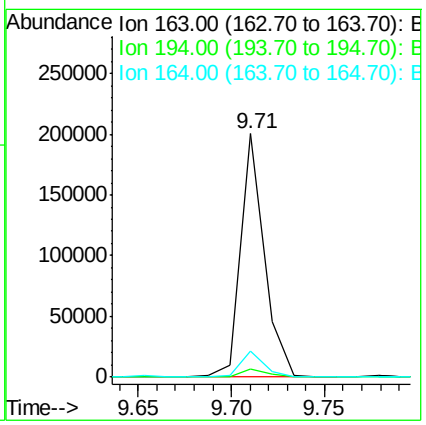


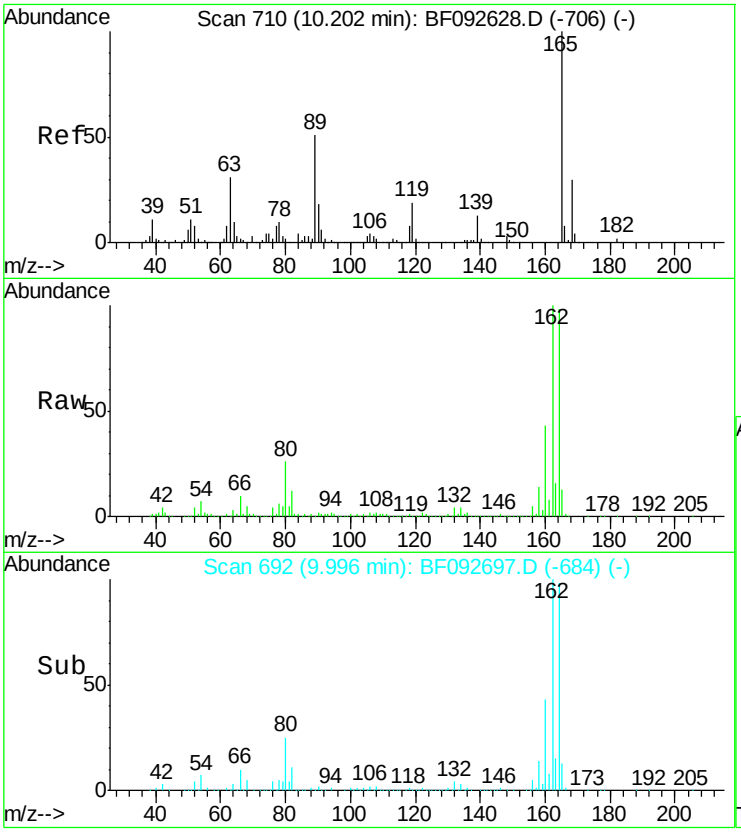


#49
Dimethylphthalate
Concen: 7.06 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:163 Resp: 175999

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.9	8.0	12.0



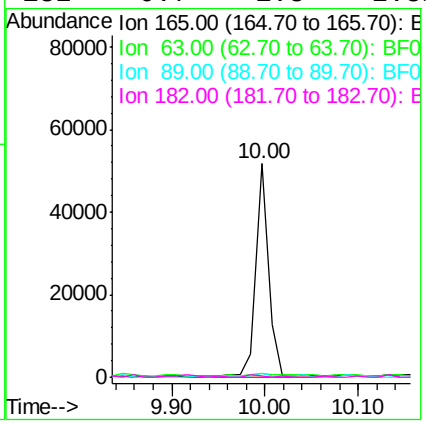


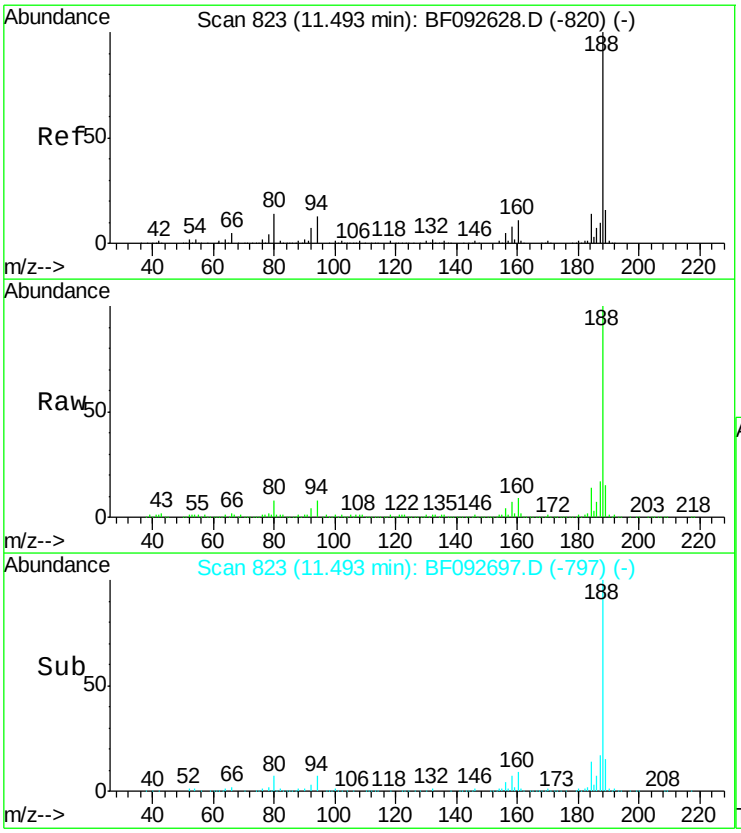
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:165 Resp: 51409

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.9	62.5	93.7#
182	0.7	1.8	2.8#

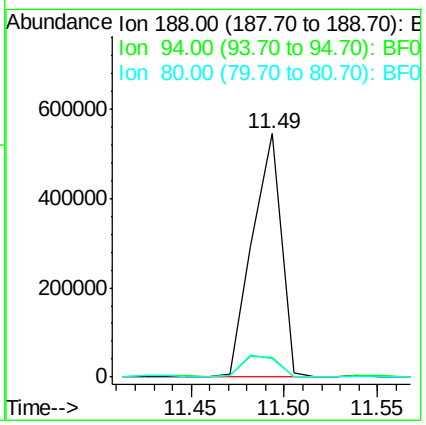


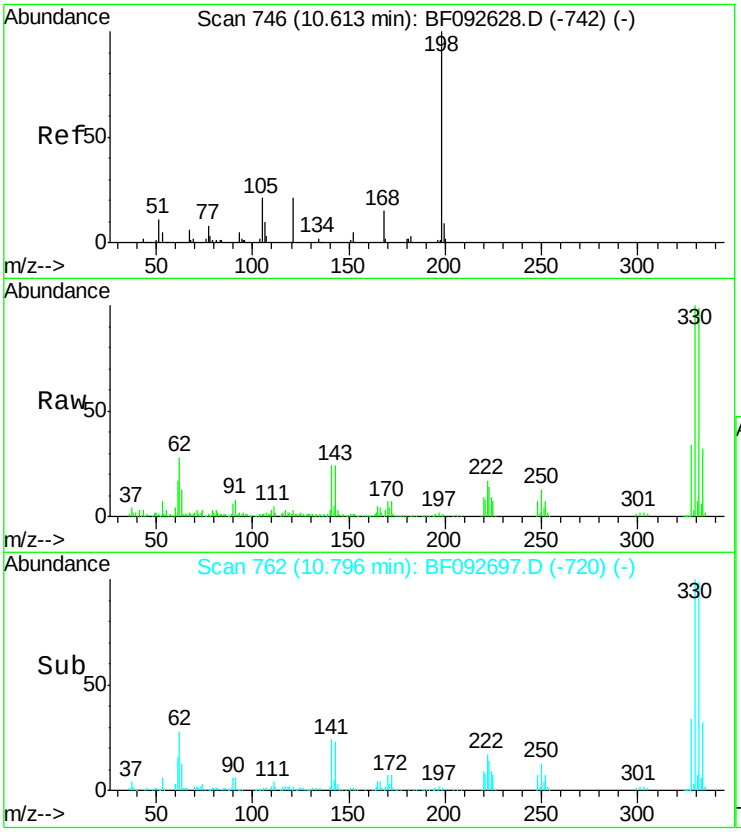


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:188 Resp: 585711

Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	7.5	11.2	16.8#



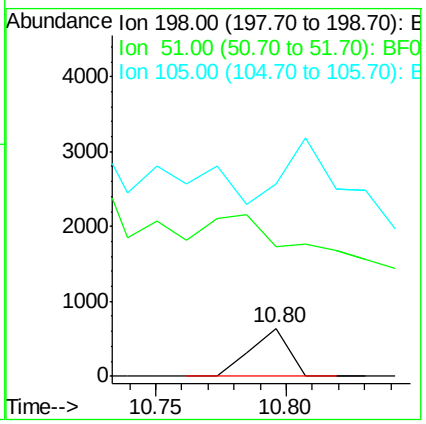


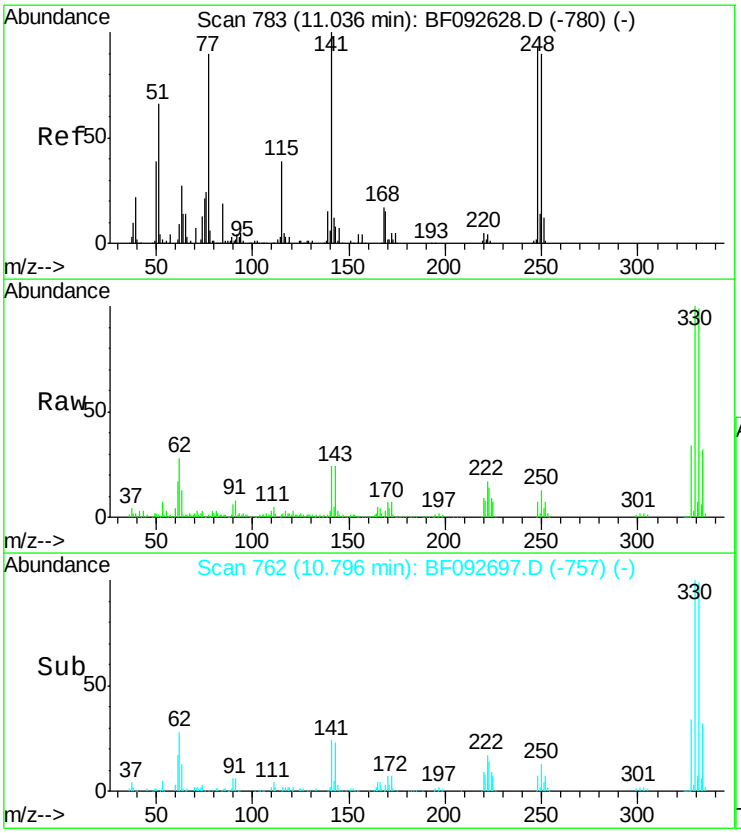
#64
4,6-Dinitro-2-methylphenol
Concen: 2.84 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:198 Resp: 654

Ion	Ratio	Lower	Upper
198	100		
51	268.7	6.7	46.7#
105	399.7	16.6	56.6#

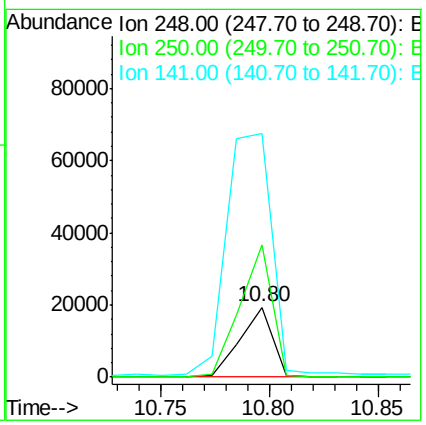


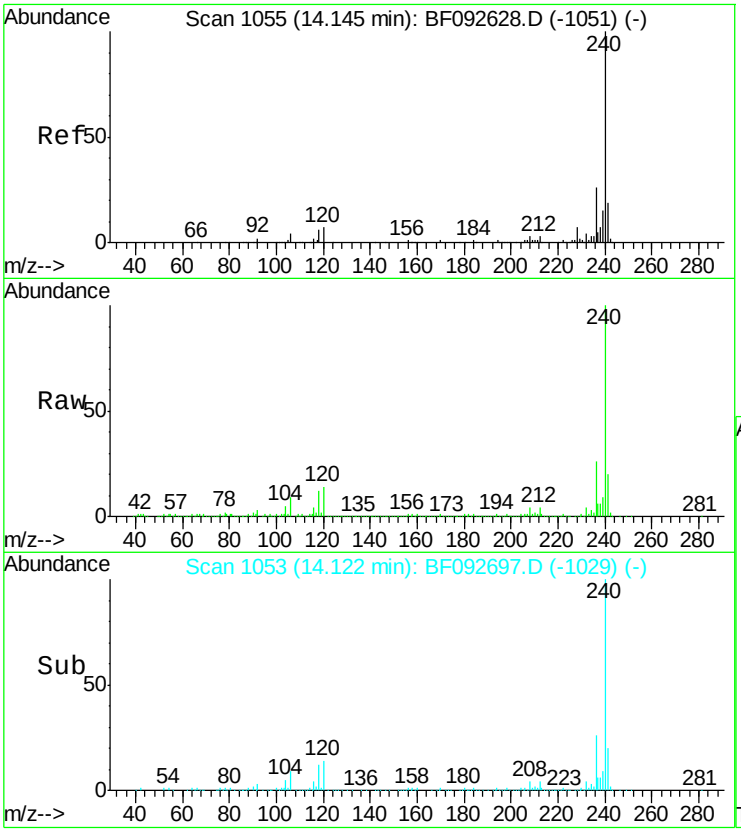


#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:248 Resp: 20155

Ion	Ratio	Lower	Upper
248	100		
250	189.2	76.9	115.3#
141	348.2	68.2	102.4#



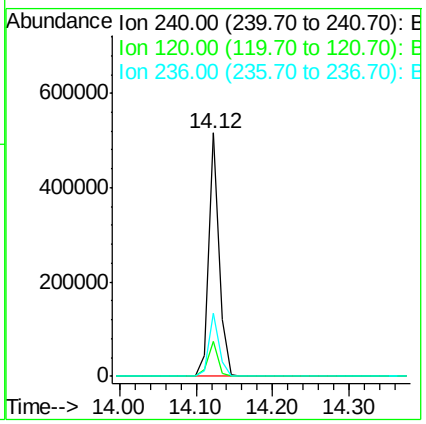


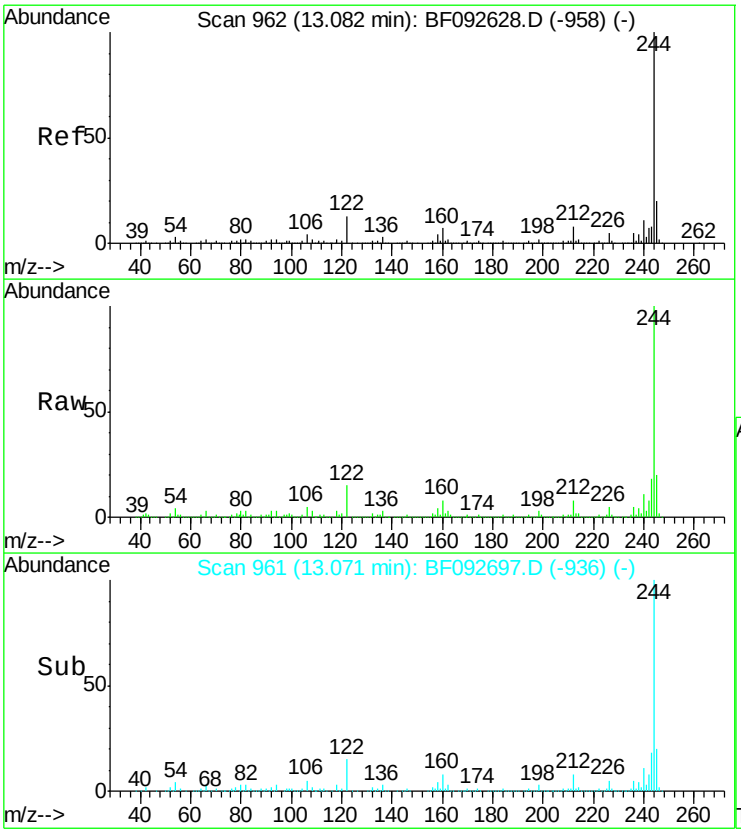
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:240 Resp: 477710

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.9	19.3
236	25.9	20.9	31.3

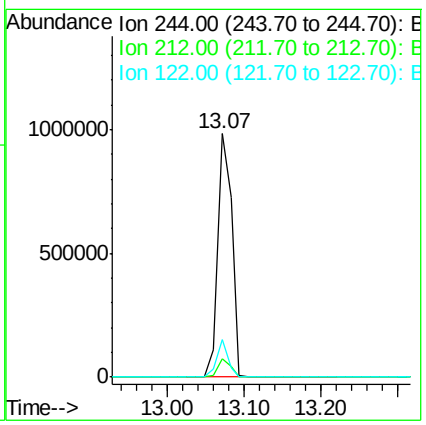


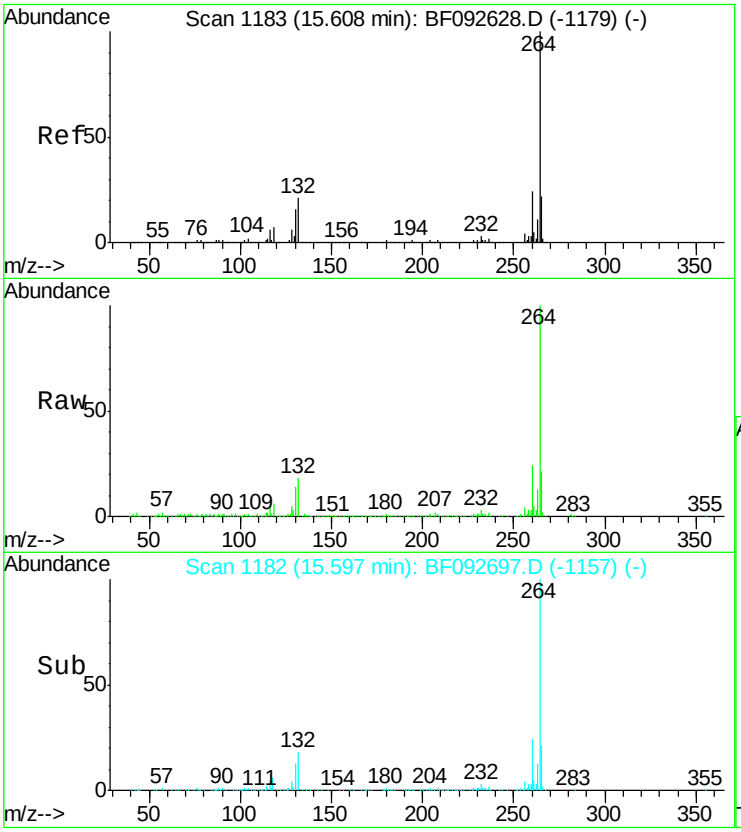


#78
Terphenyl-d14
Concen: 62.02 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:244 Resp: 1260889

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	15.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:264 Resp: 385785

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0