Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091817\
Data File : BF098597.D
Acq On : 18 Sep 2017 12:55
Operator : SJ/JU
Sample : I5229-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UT5400S21

Quant Time: Sep 18 13:37:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	128432	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	539306	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	281258	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	540388	20.00	ng		0.00
75) Chrysene-d12	13.78	240	341396	20.00	ng		0.00
86) Perylene-d12	15.17	264	258063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1020758	117.51	ng		0.00
7) Phenol-d6	6.29	99	1340219	121.52	ng		0.00
23) Nitrobenzene-d5	7.20	82	871076	90.05	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	313849	167.19	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1528915	92.14	ng		0.00
78) Terphenyl-d14	12.73	244	1329788	84.08	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	25100	3.481	ng		82
15) Benzyl Alcohol	6.79	79	14946	2.036	ng	#	38
19) n-Nitroso-di-n-propylamine	7.20	70	117404	16.923	ng	#	79
25) Isophorone	7.20	82	871067	44.505	ng	#	67
32) Benzoic acid	7.71	122	1238	8.151	ng		88
49) Dimethylphthalate	9.39	163	317853	14.599	ng		99
56) 2,4-Dinitrotoluene	9.66	165	35733	6.572	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.46	198	947	5.220	ng	#	1
66) 4-Bromophenyl-phenylether	10.46	248	24795	4.834	ng	#	1

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

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Acq On : 18 Sep 2017 12:55
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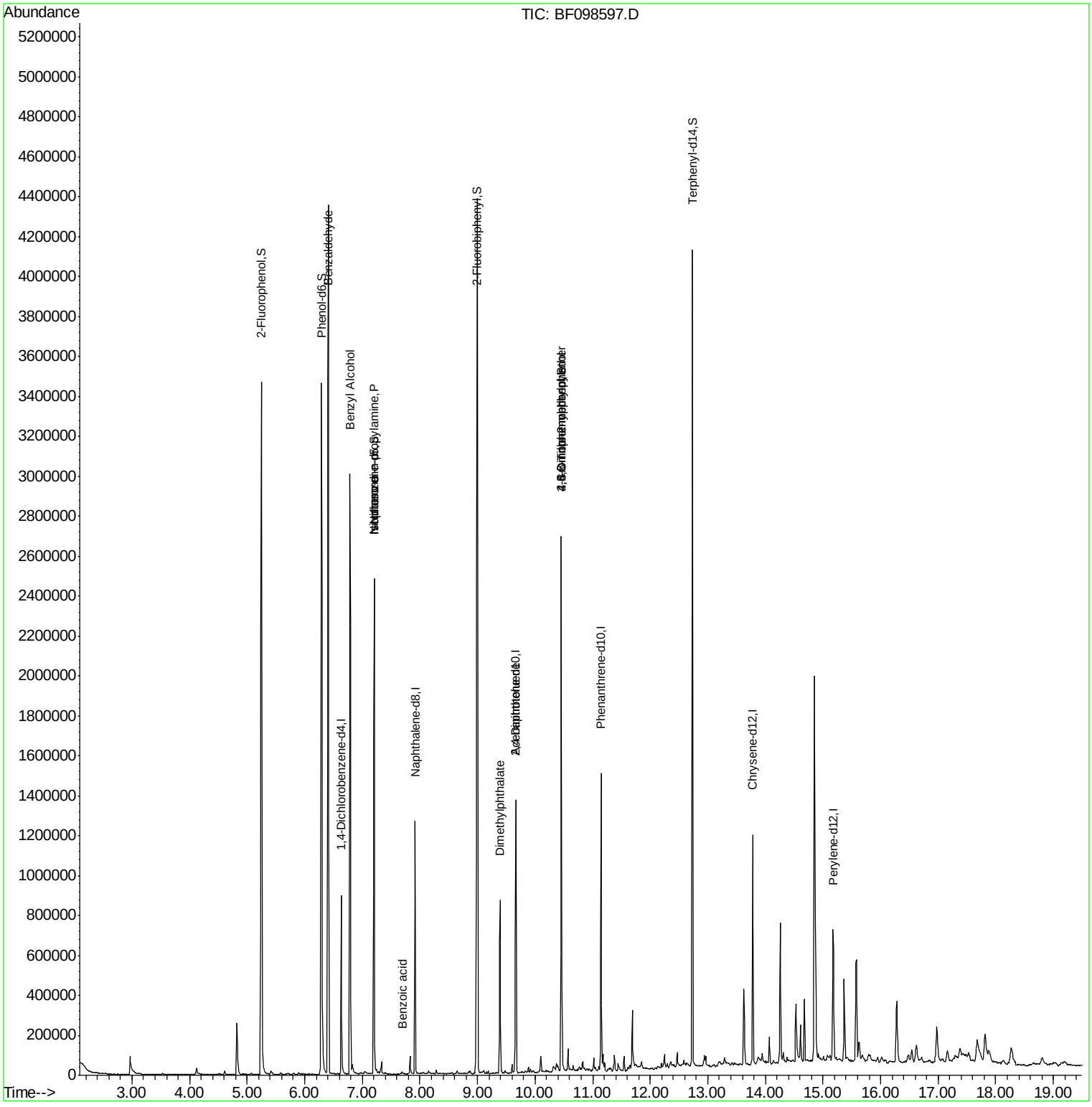
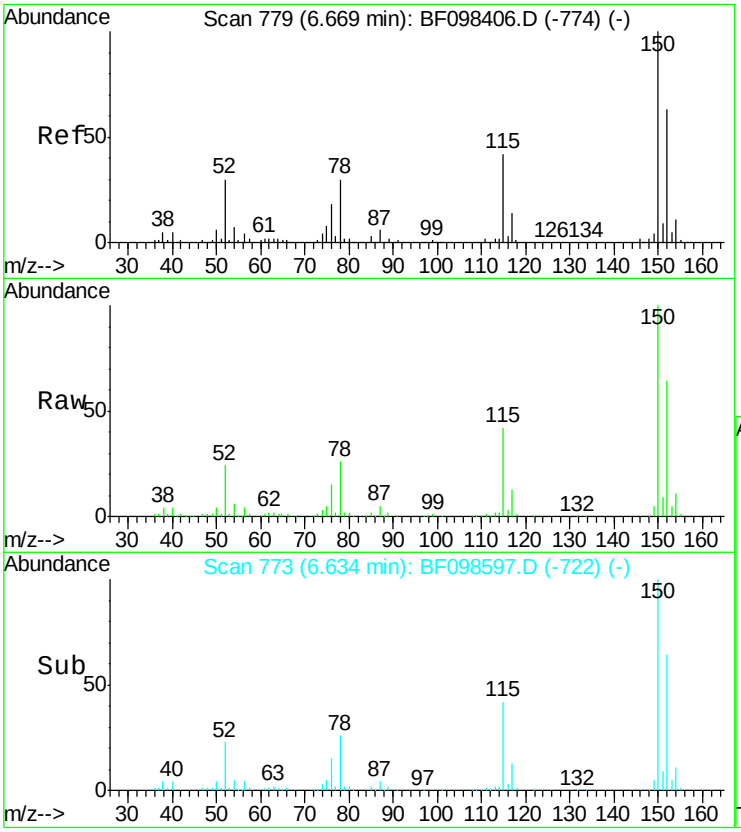


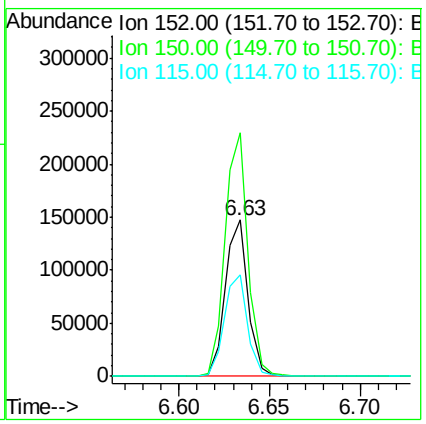


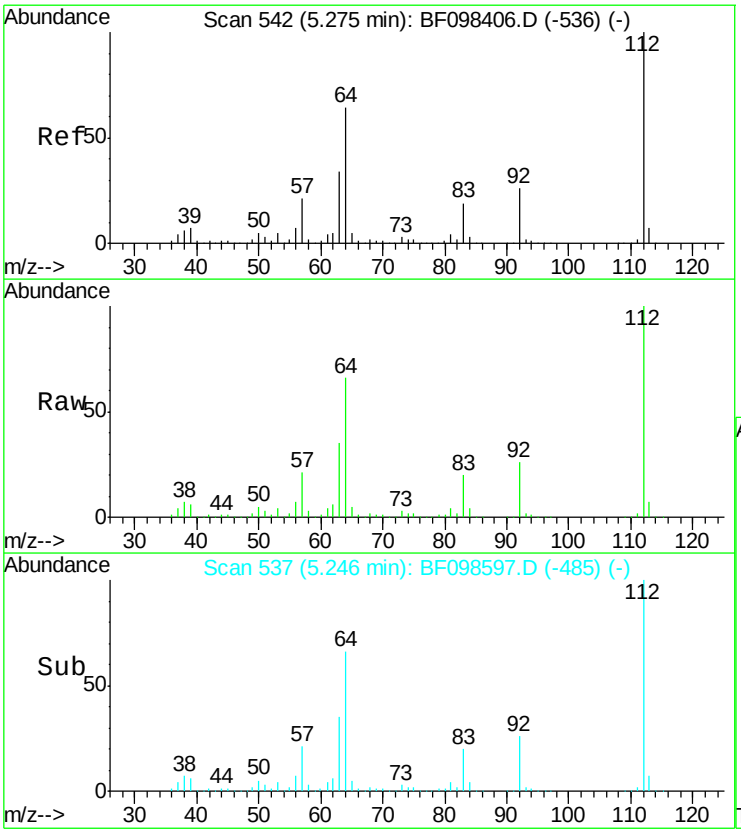
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:152 Resp: 128432

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	64.9	52.2	78.2

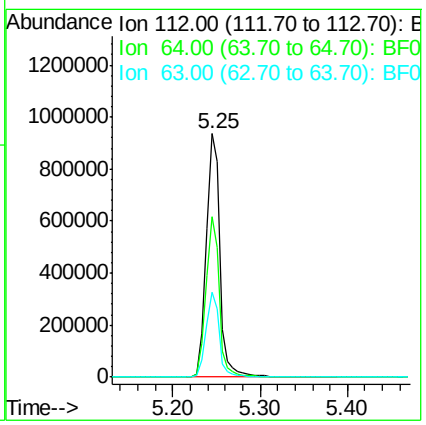


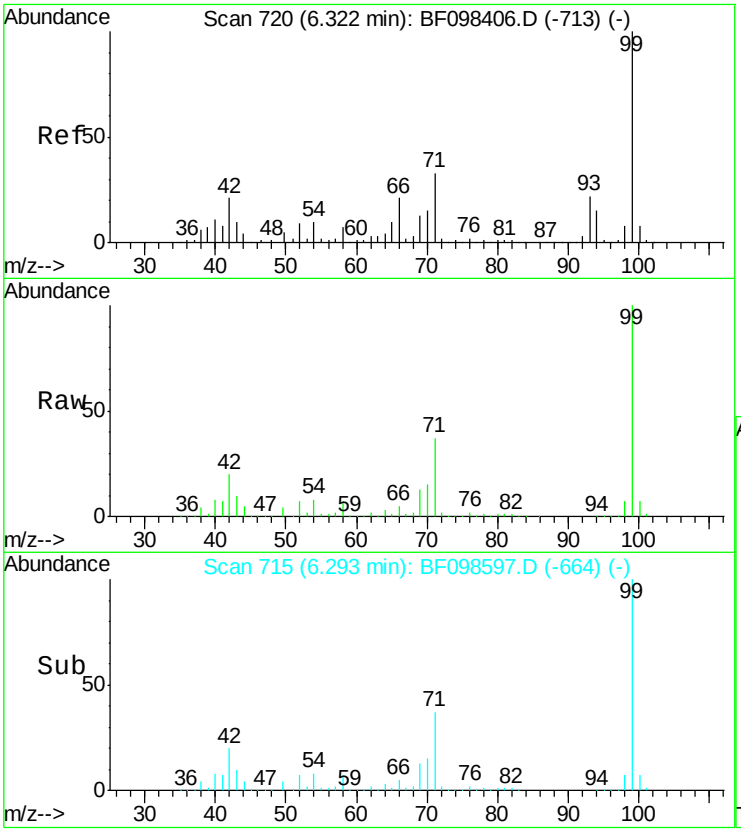


#5
2-Fluorophenol
Concen: 117.511 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:112 Resp: 1020758

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	35.1	23.4	35.0#



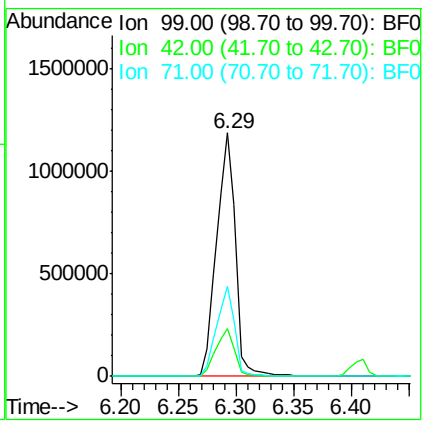


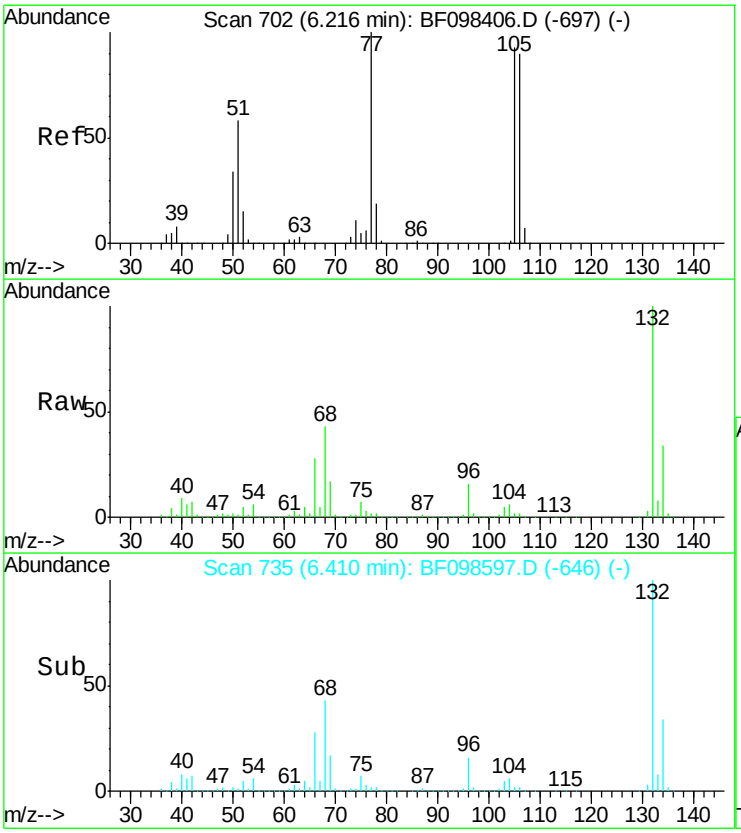
#7
Phenol-d6
Concen: 121.518 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion: 99 Resp: 1340219

Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.5	20.3
71	36.8	24.5	36.7#

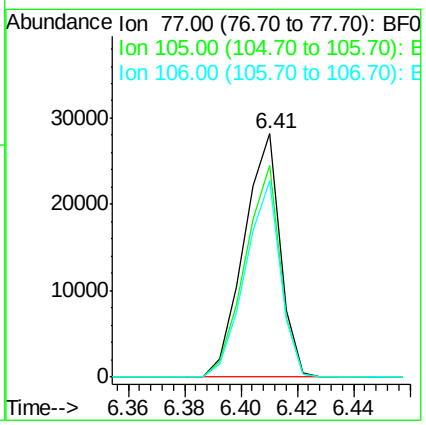


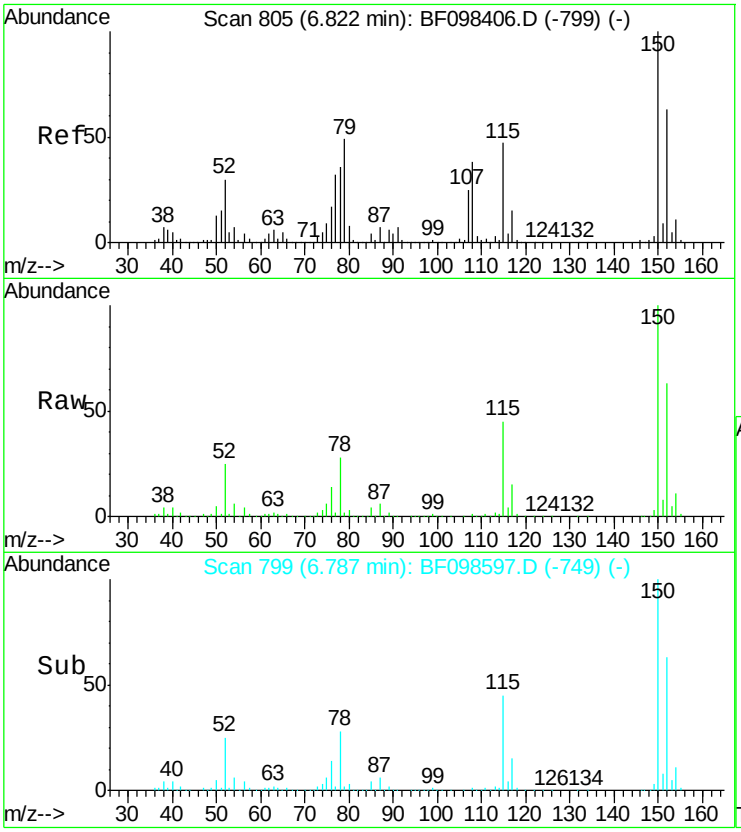


#9
Benzaldehyde
Concen: 3.481 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.22 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion: 77 Resp: 25100

Ion	Ratio	Lower	Upper
77	100		
105	86.8	83.8	123.8
106	80.7	79.1	119.1



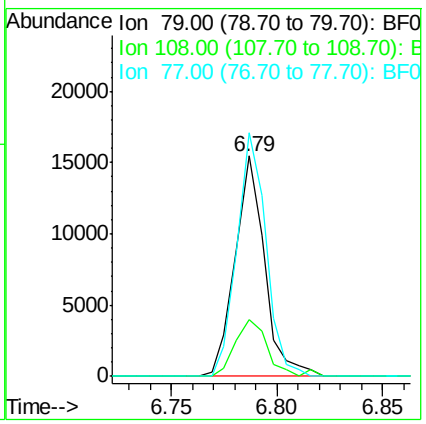


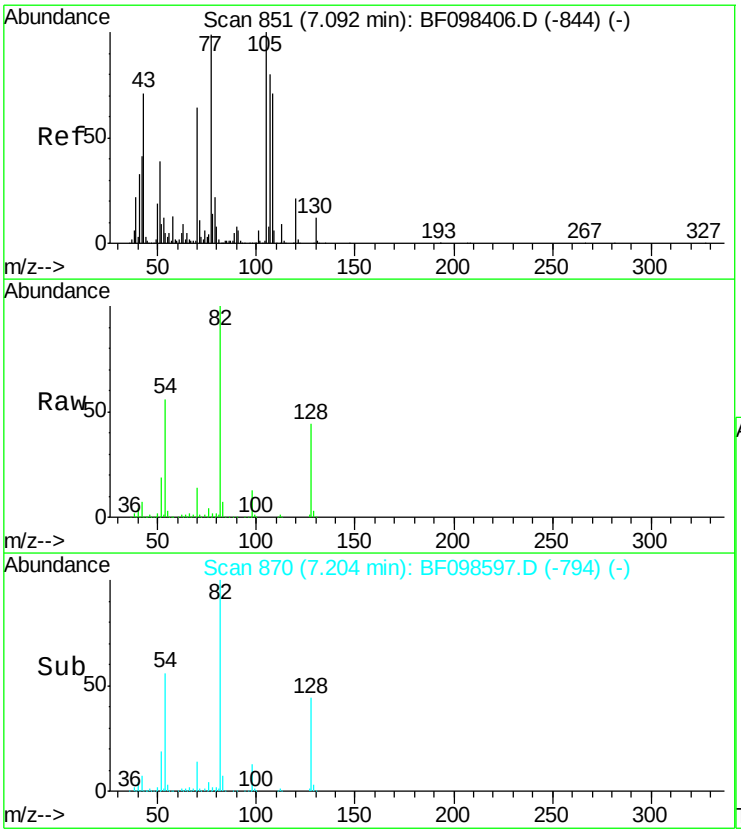
#15
Benzyl Alcohol
Concen: 2.036 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion: 79 Resp: 14946

Ion	Ratio	Lower	Upper
79	100		
108	26.0	63.4	95.0#
77	110.7	49.2	73.8#

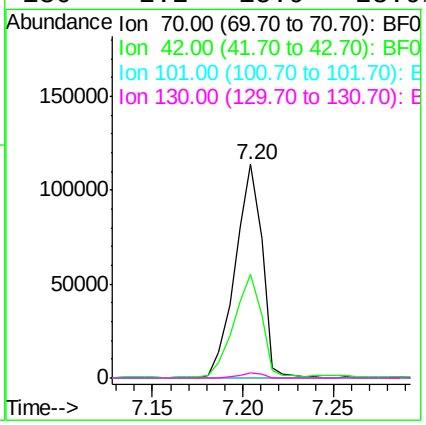


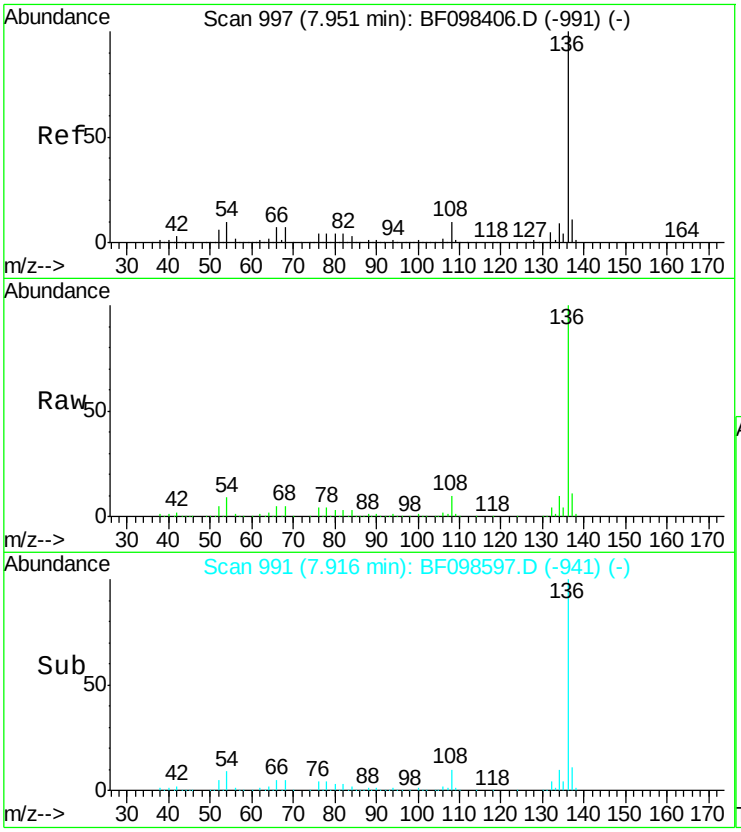


#19
n-Nitroso-di-n-propylamine
Concen: 16.923 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion: 70 Resp: 117404

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



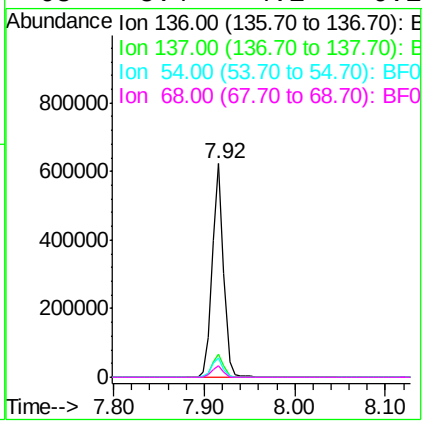


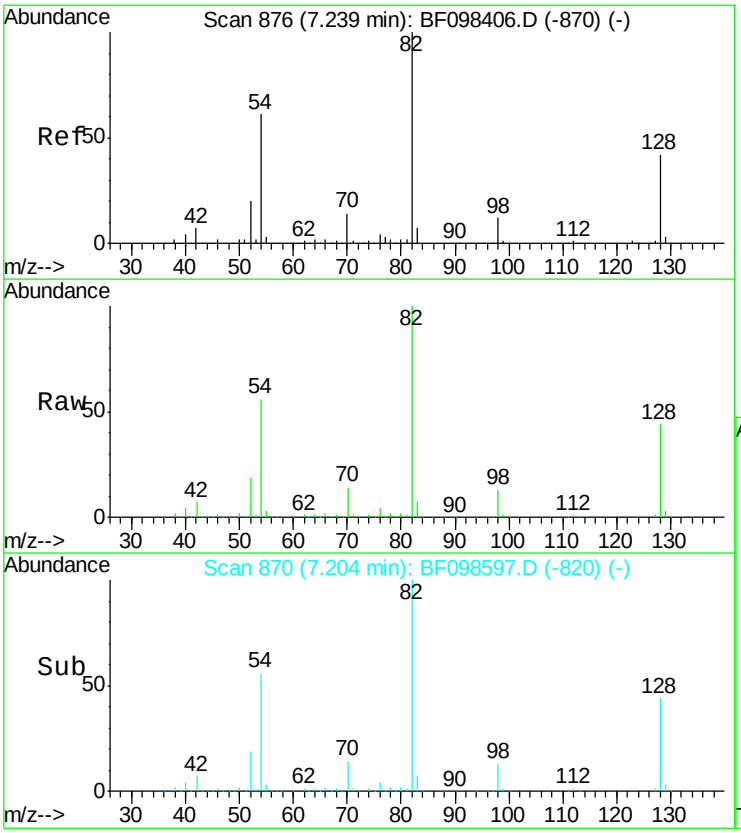
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:136 Resp: 539306

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.9	4.9	7.3#
68	5.4	4.1	6.1

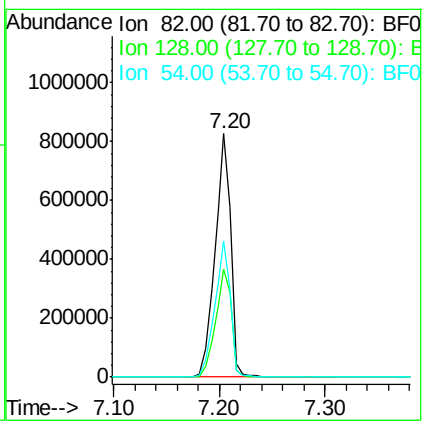


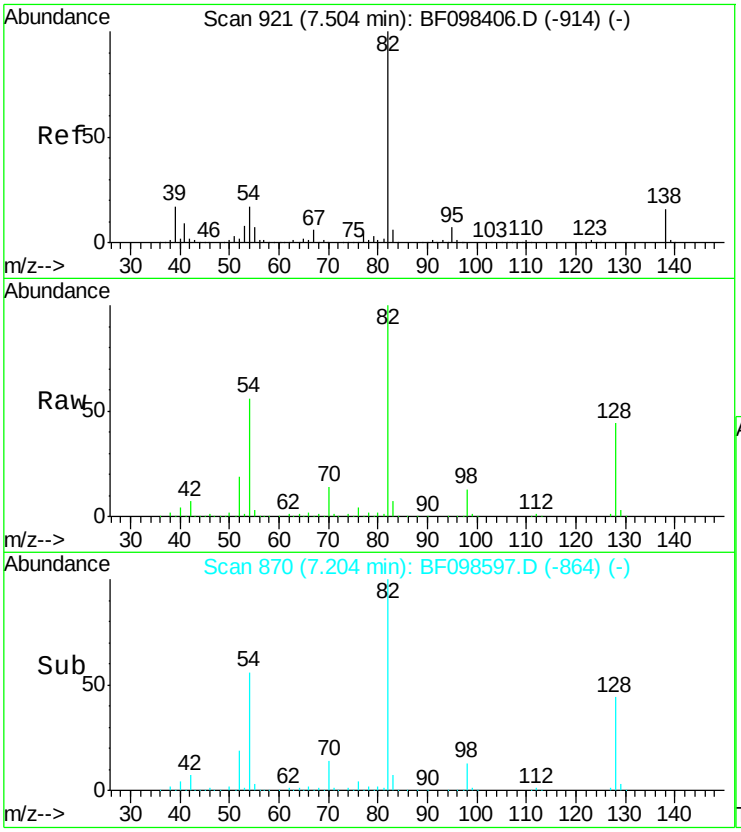


#23
Nitrobenzene-d5
Concen: 90.046 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion: 82 Resp: 871076

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	56.0	42.2	63.2



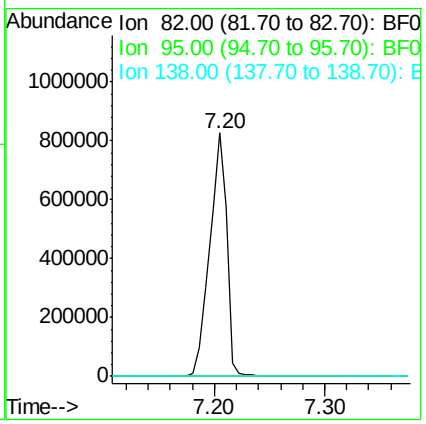


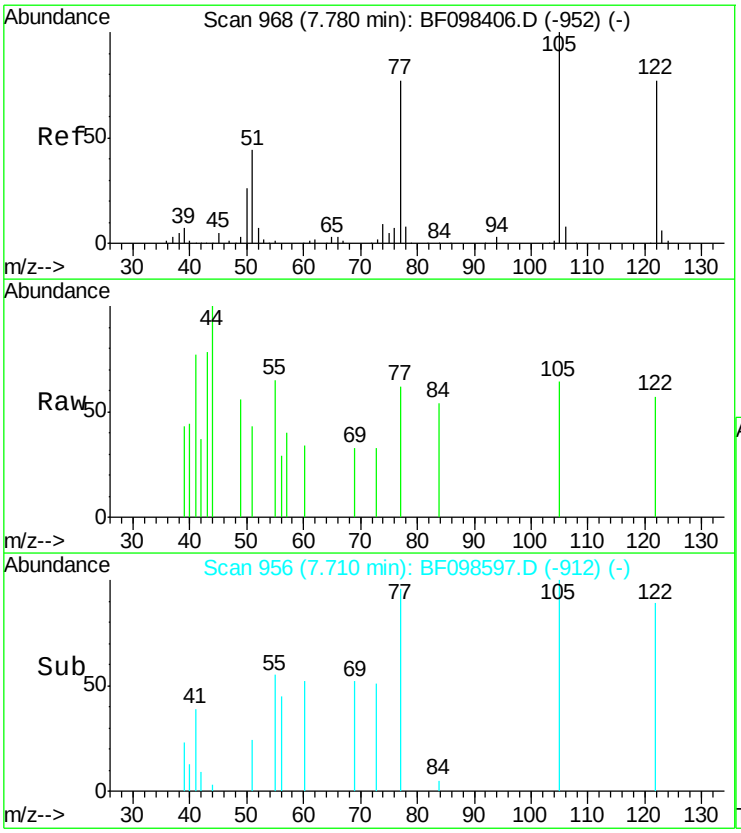
#25
Isophorone
Concen: 44.505 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.26 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion: 82 Resp: 871067

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

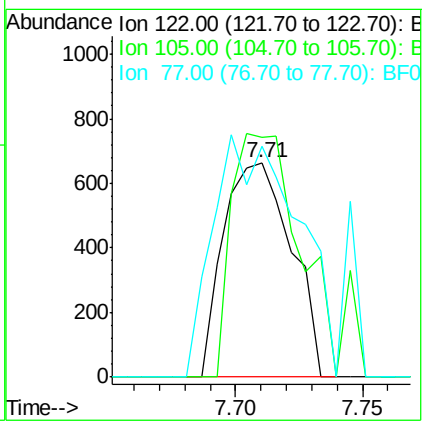


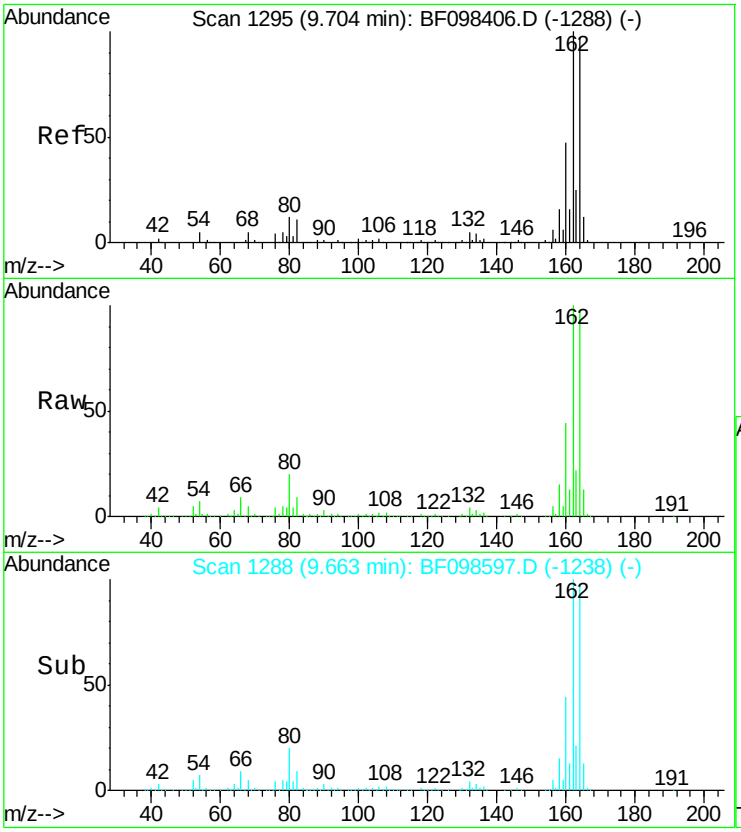


#32
Benzoic acid
Concen: 8.151 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:122 Resp: 1238

Ion	Ratio	Lower	Upper
122	100		
105	112.0	103.3	143.3
77	107.8	73.7	113.7



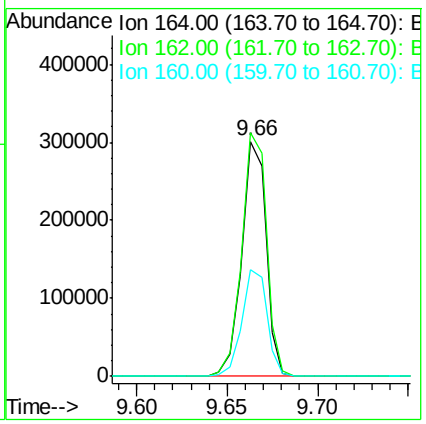


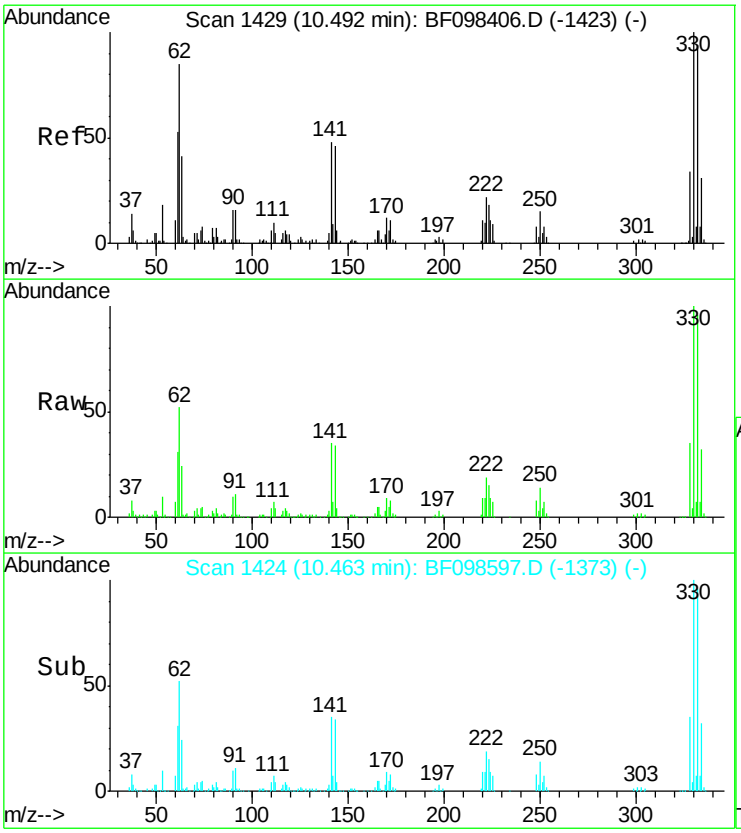
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:164 Resp: 281258

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.1	36.2	54.2

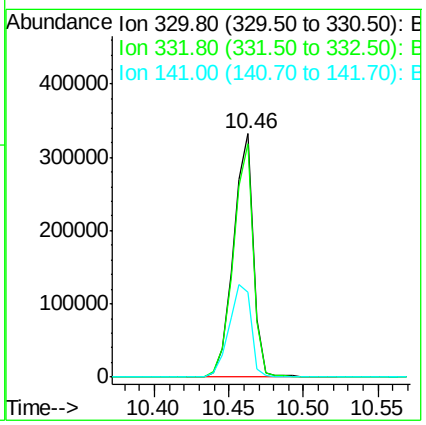


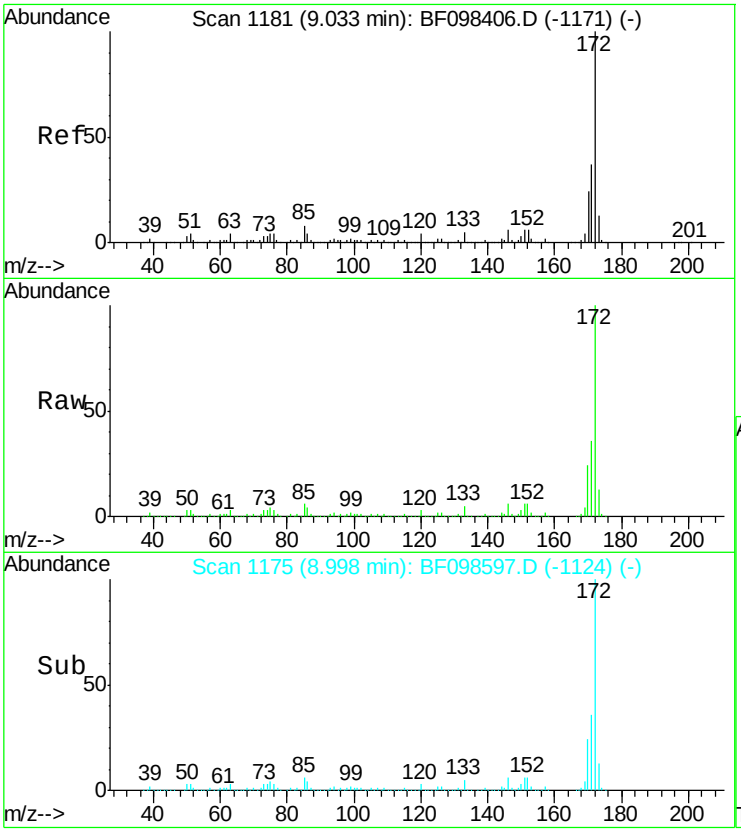


#41
2,4,6-Tribromophenol
Concen: 167.193 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:330 Resp: 313849

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	43.0	31.4	47.2



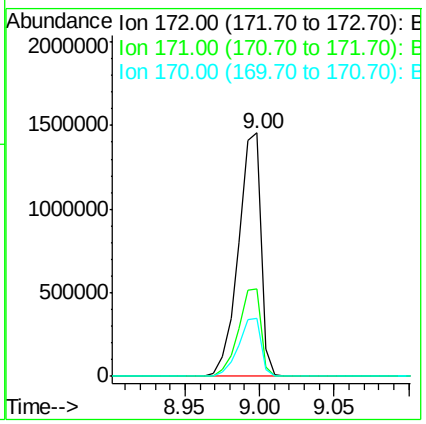


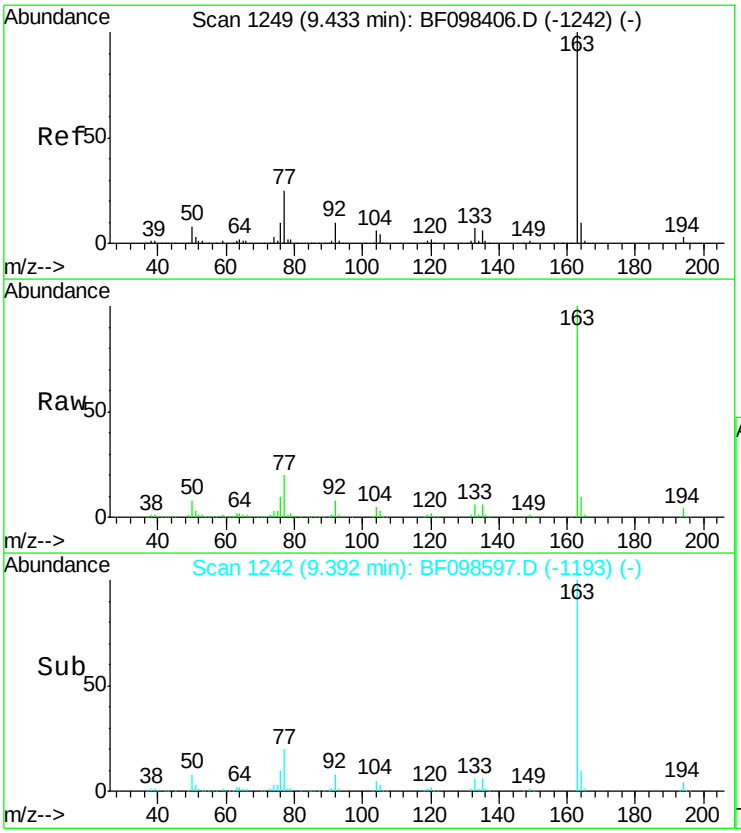
#44
2-Fluorobiphenyl
Concen: 92.136 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:172 Resp: 1528915

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

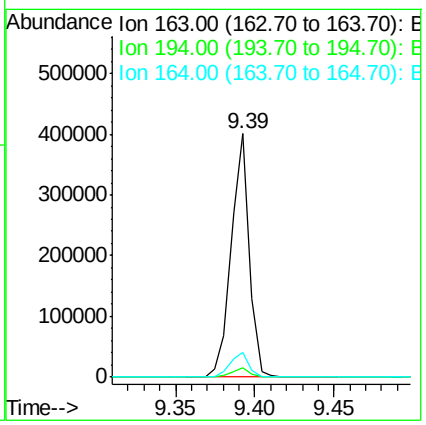


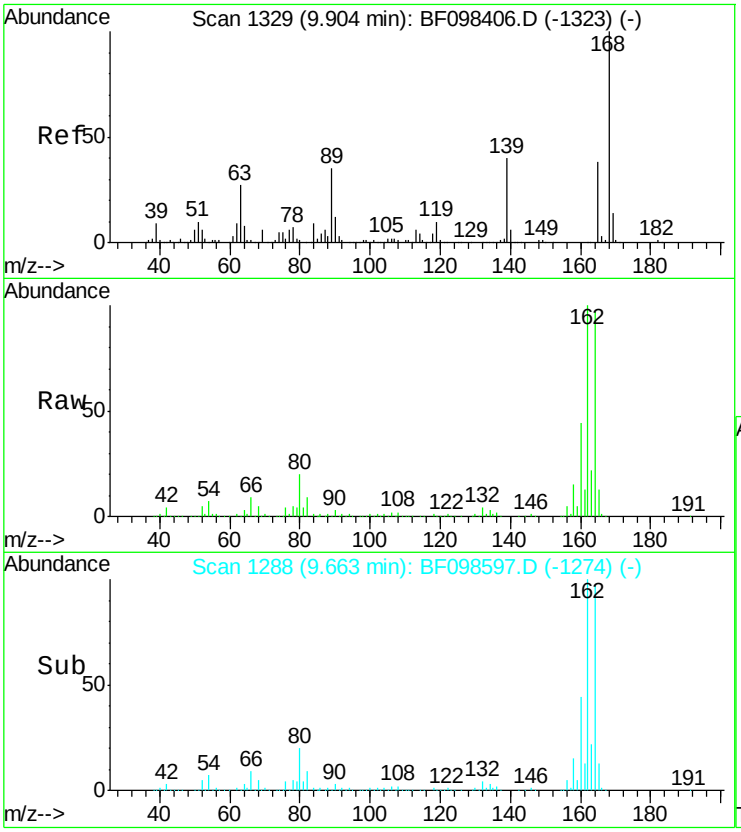


#49
Dimethylphthalate
Concen: 14.599 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:163 Resp: 317853

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	8.4	12.6



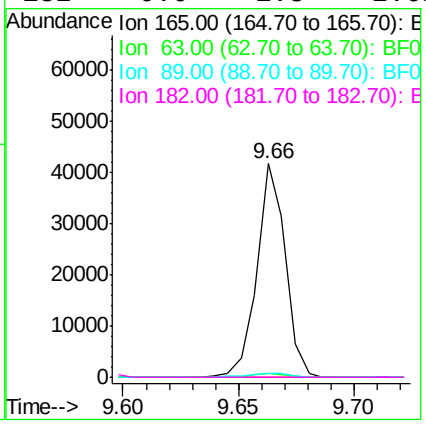


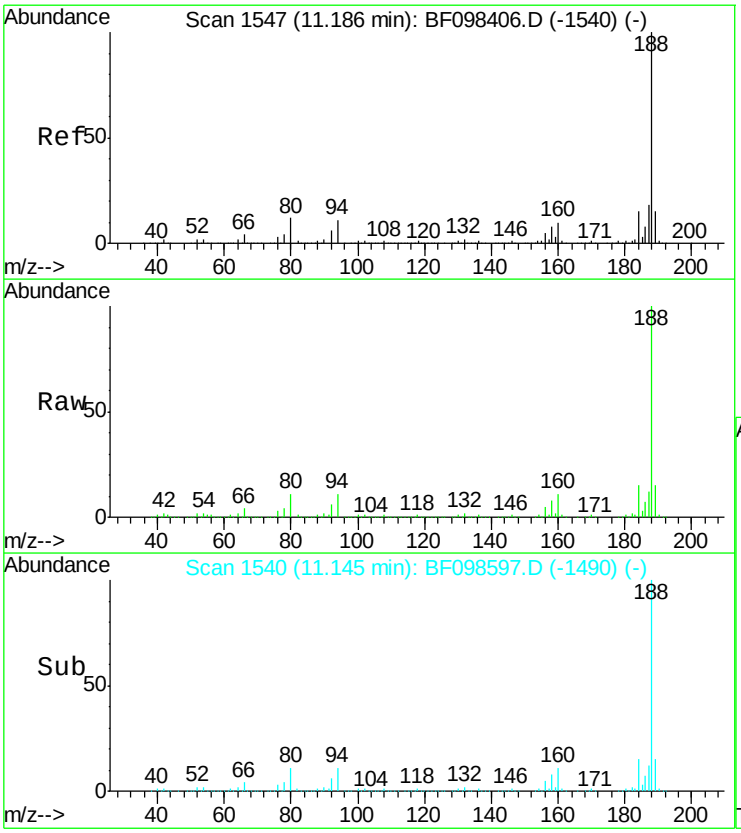
#56
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.22 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:165 Resp: 35733

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

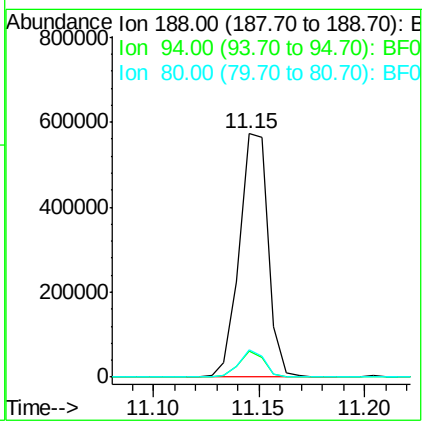


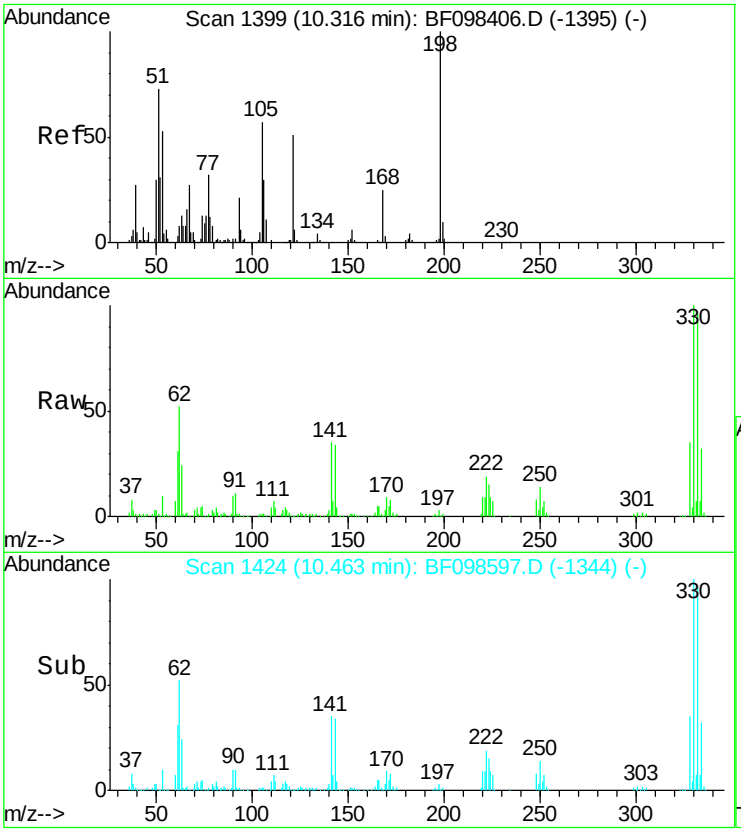


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:188 Resp: 540388

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2



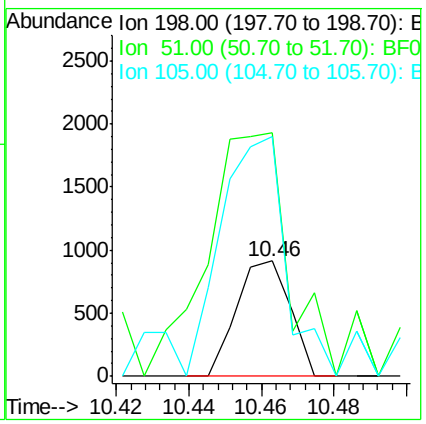


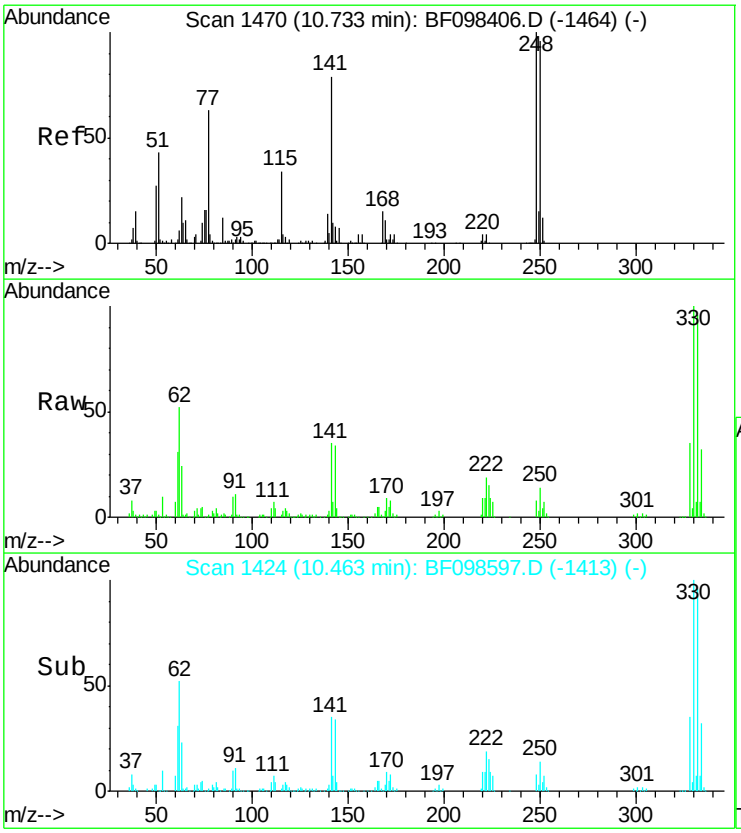
#64
4,6-Dinitro-2-methylphenol
Concen: 5.220 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.17 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:198 Resp: 947

Ion	Ratio	Lower	Upper
198	100		
51	211.6	53.2	93.2#
105	208.8	45.8	85.8#

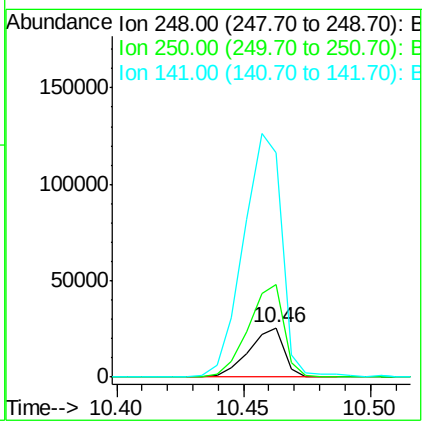


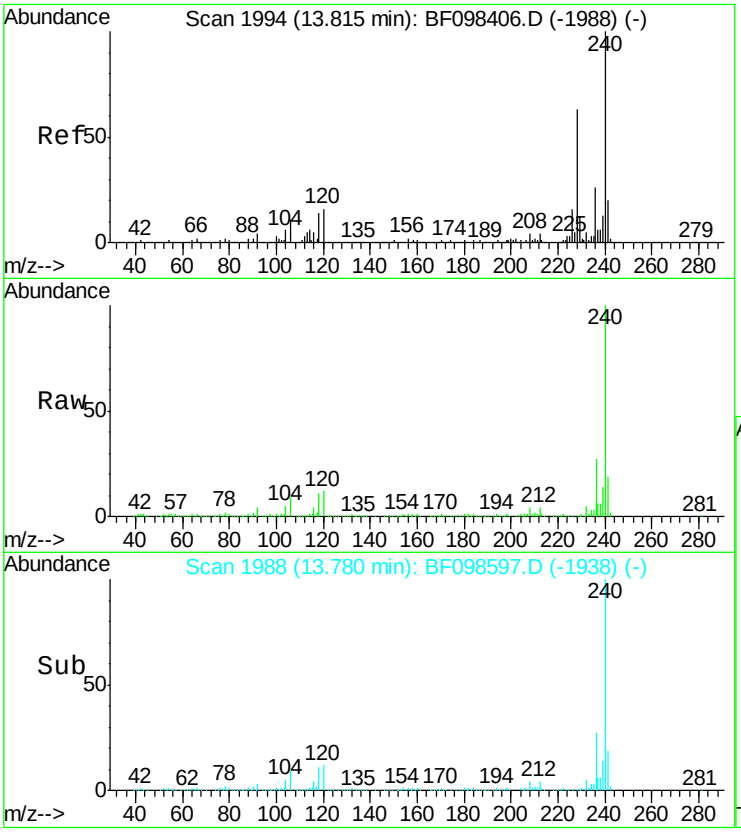


#66
4-Bromophenyl-phenylether
Concen: 4.834 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.24 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:248 Resp: 24795

Ion	Ratio	Lower	Upper
248	100		
250	187.8	76.8	115.2#
141	453.9	68.6	103.0#



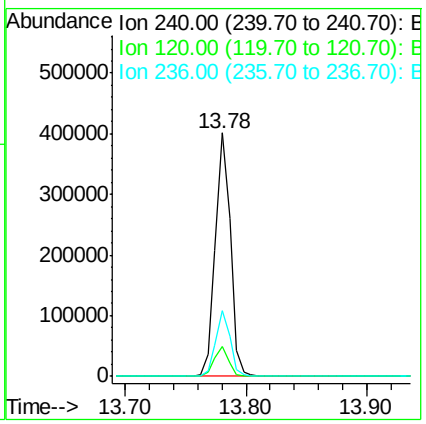


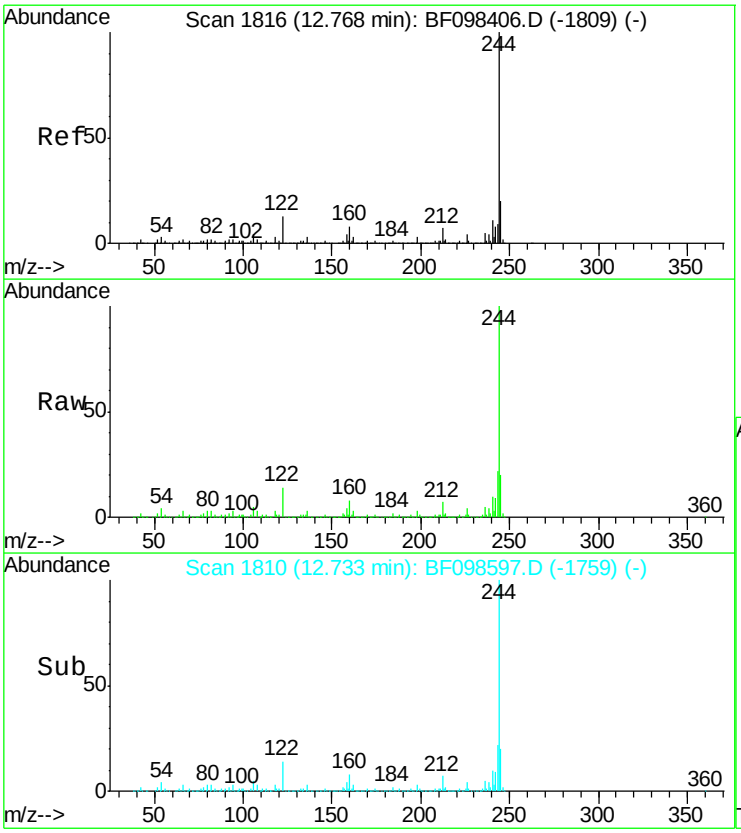
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:240 Resp: 341396

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	26.8	20.5	30.7

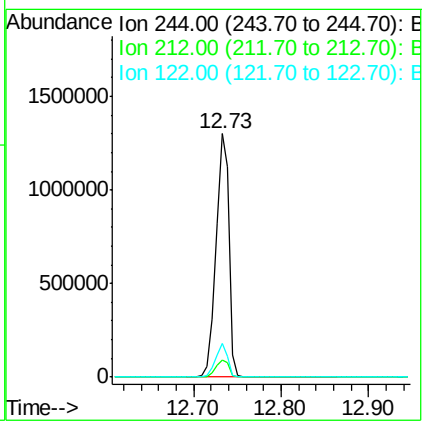


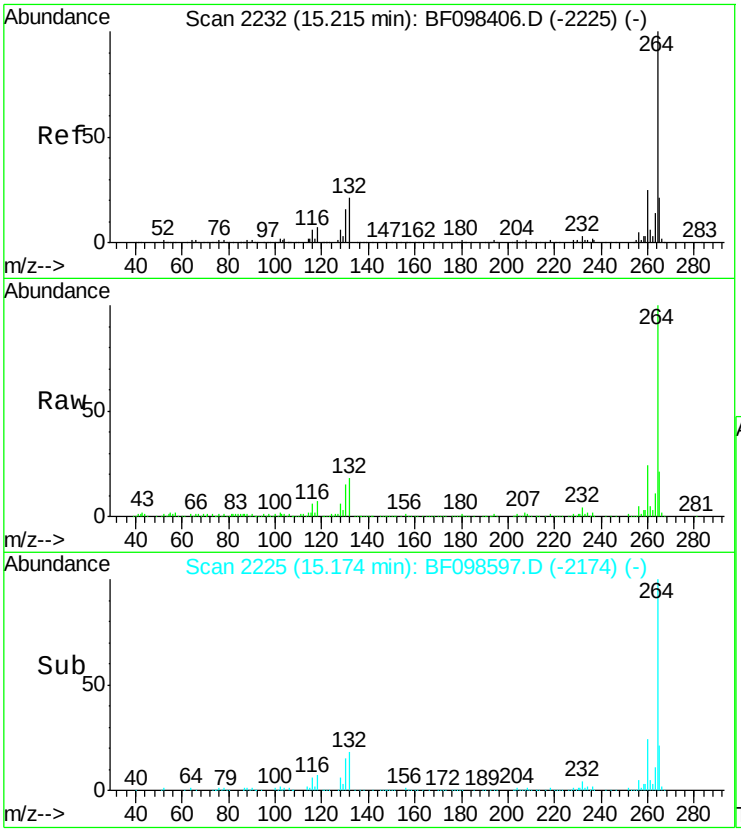


#78
Terphenyl-d14
Concen: 84.075 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Tgt Ion:244 Resp: 1329788

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.6	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF098597.D
Acq: 18 Sep 2017 12:55

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion:264 Resp: 258063

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.2	25.8