Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
Data File : BF113052.D
Acq On : 14 Mar 2019 16:23
Operator : JU/SJ
Sample : K1866-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MR-MH-01-COMP

Quant Time: Mar 15 06:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	202739	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	762023	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	358275	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	742469	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	709597	20.00	ng		0.00
87) Perylene-d12	15.27	264	714389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1139800	87.45	ng		0.00
7) Phenol-d6	6.37	99	1510755	92.28	ng		0.00
23) Nitrobenzene-d5	7.29	82	911177	71.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	473287	124.43	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1597596	70.67	ng		0.00
79) Terphenyl-d14	12.82	244	1827772	49.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	91092	4.768	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	118888	11.466	ng	#	76
25) Isophorone	7.29	82	884975	32.257	ng	#	66
50) Dimethylphthalate	9.47	163	165417	6.262	ng		98
51) 2,6-Dinitrotoluene	9.76	165	45794	8.324	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	45794	6.697	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.54	198	524	4.768	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	27353	3.498	ng	#	1

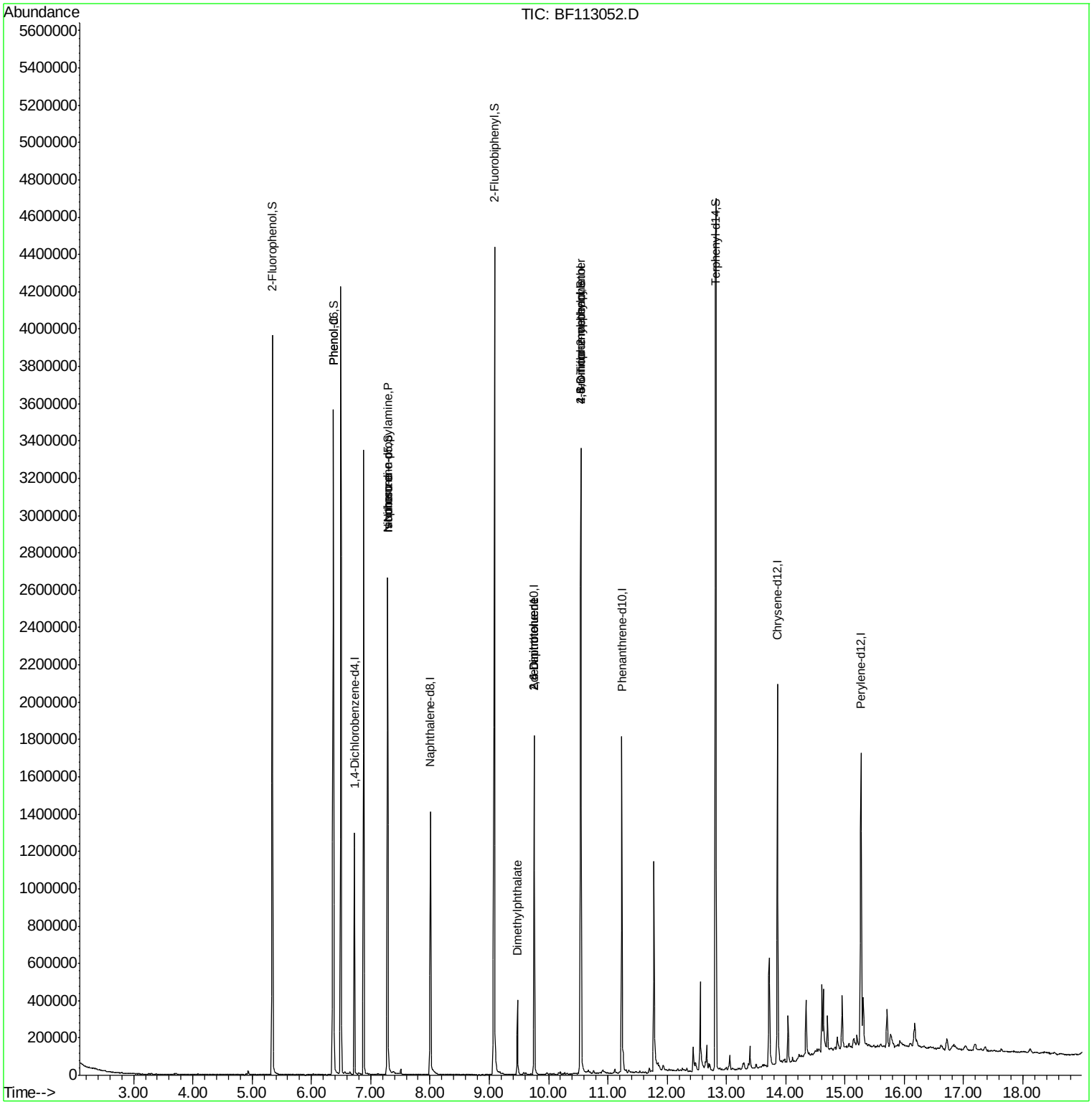
(#) = qualifier out of range (m) = manual integration (+) = signals summed

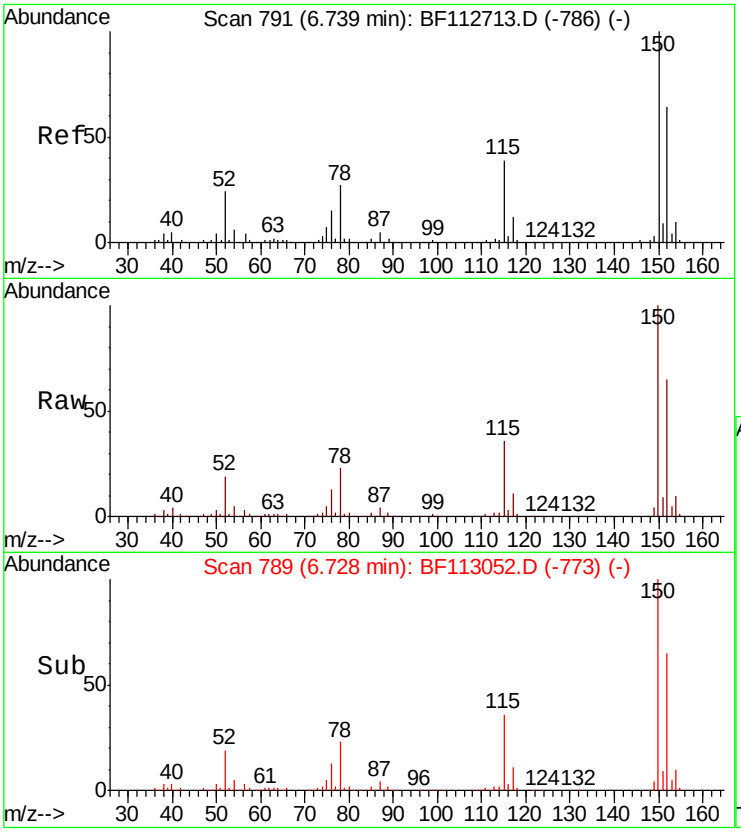
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
Data File : BF113052.D
Acq On : 14 Mar 2019 16:23
Operator : JU/SJ
Sample : K1866-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MR-MH-01-COMP

Quant Time: Mar 15 06:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



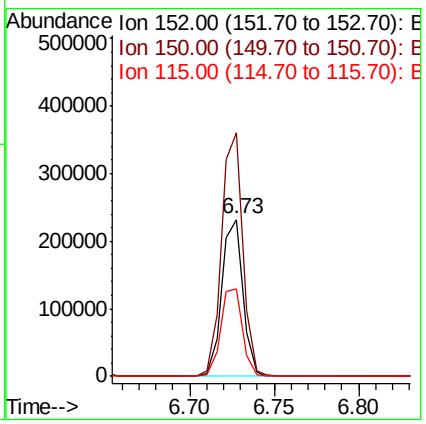


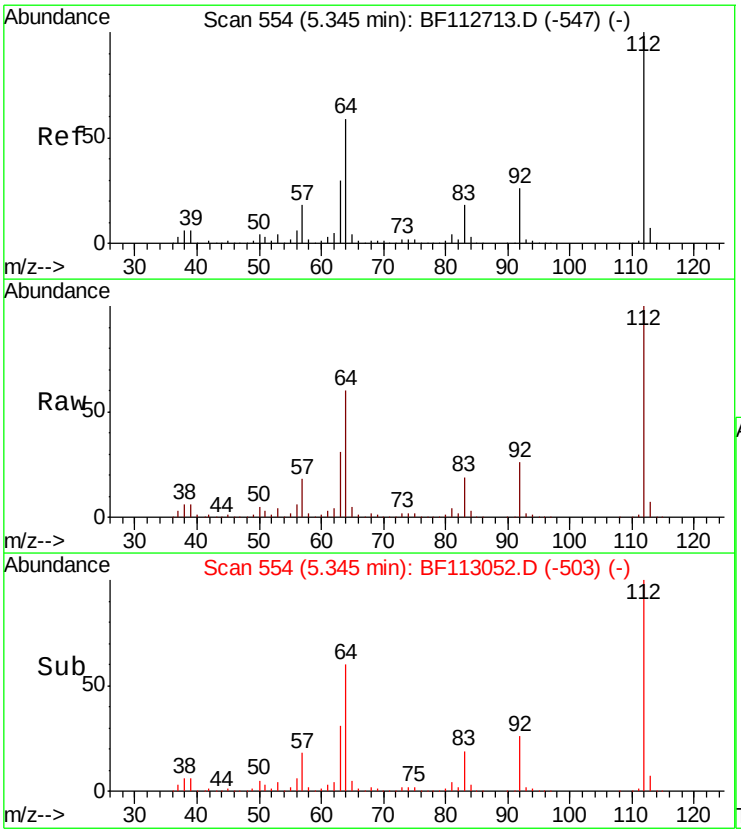
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:152 Resp: 202739

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	55.7	48.2	72.4

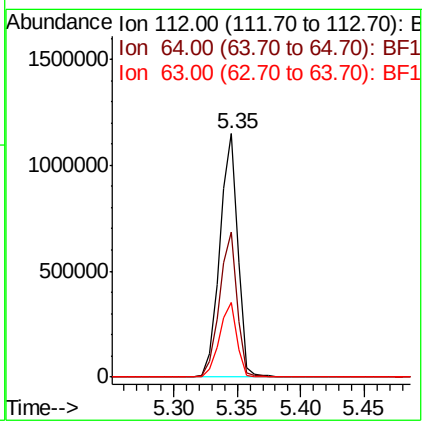


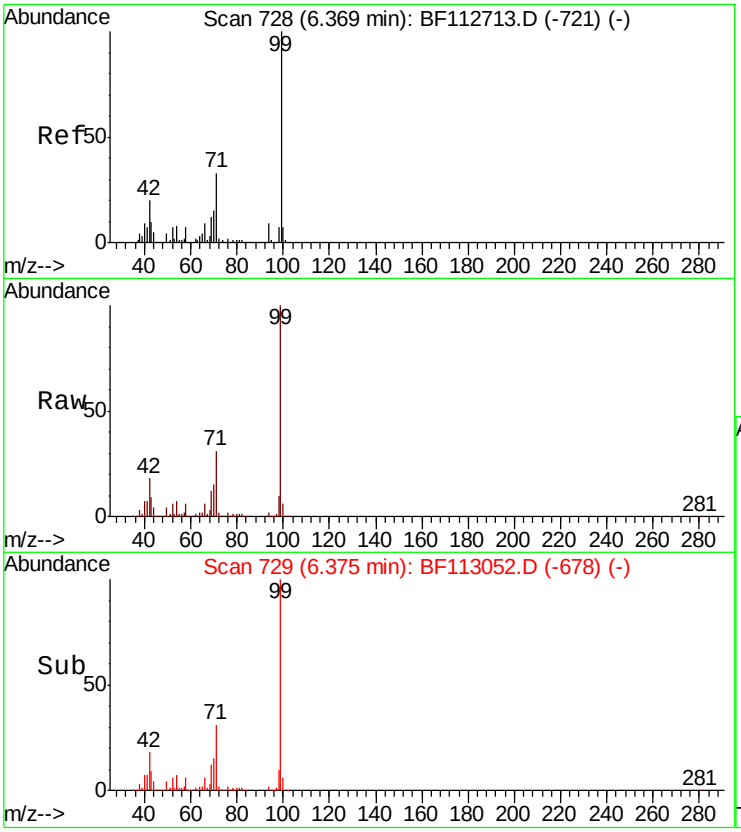


#5
2-Fluorophenol
Concen: 87.453 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:112 Resp: 1139800

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.7	24.4	36.6



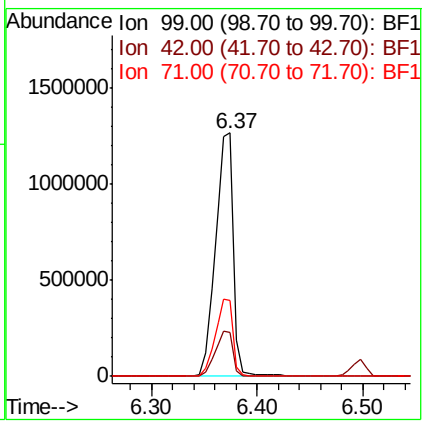


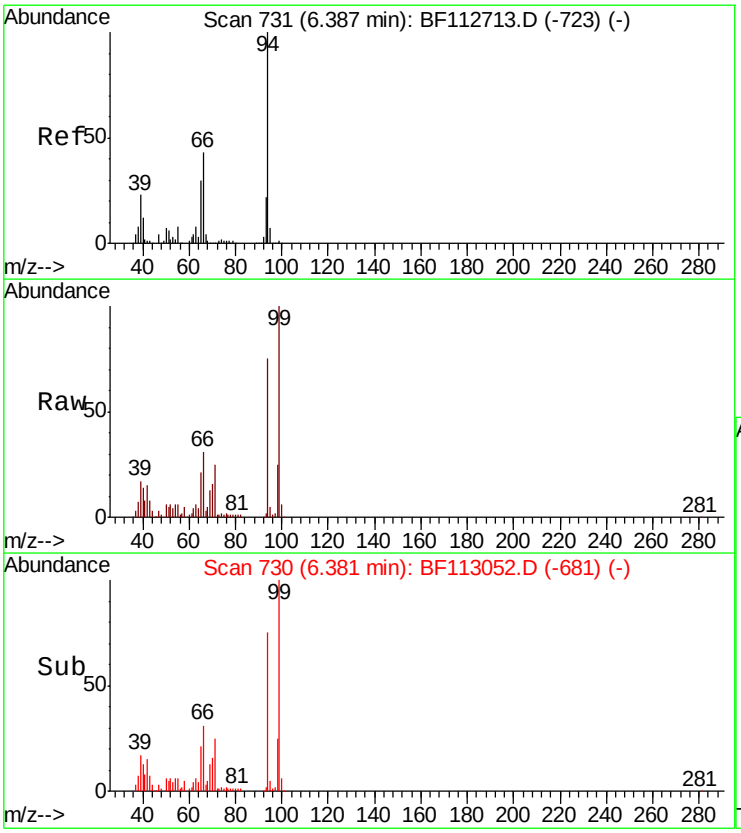
#7
Phenol-d6
Concen: 92.277 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 99 Resp: 1510755

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.3	24.5
71	31.4	26.2	39.4

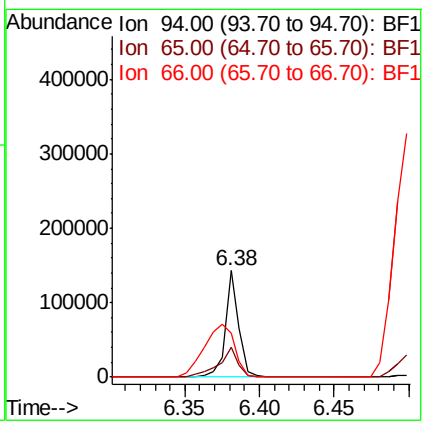


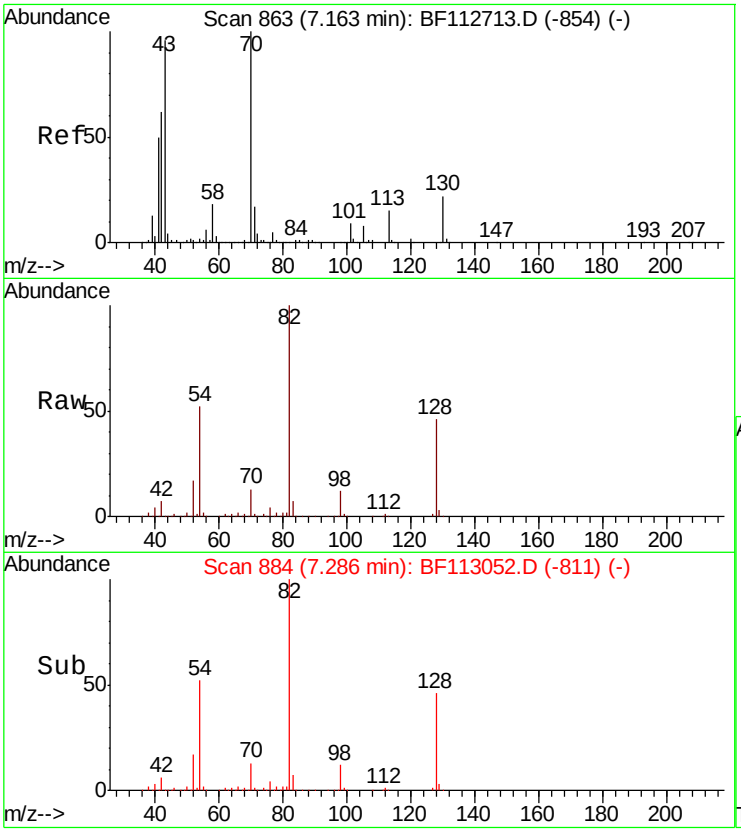


#10
Phenol
Concen: 4.768 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion: 94 Resp: 91092

Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.5	50.5
66	41.3	22.6	62.6



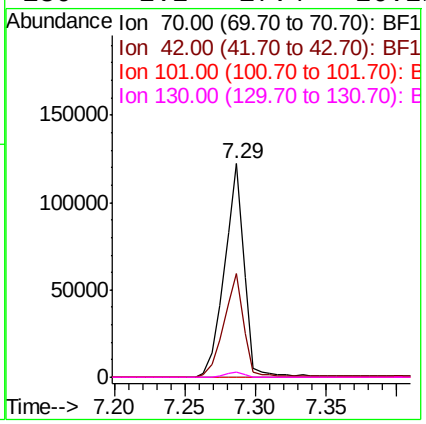


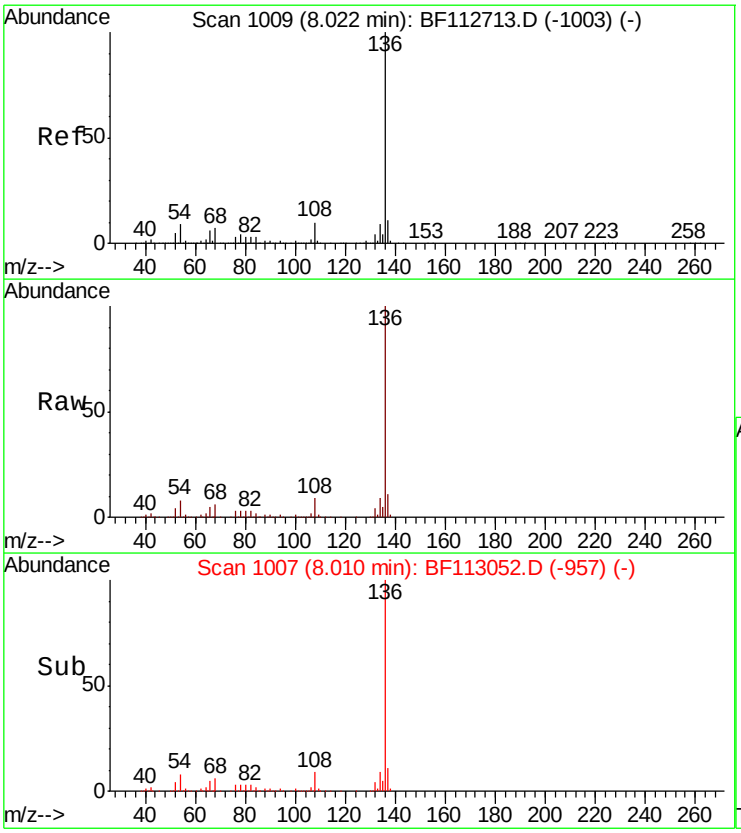
#19
n-Nitroso-di-n-propylamine
Concen: 11.466 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 70 Resp: 118888

Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#

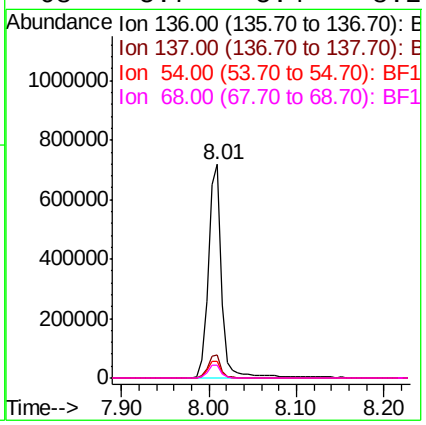


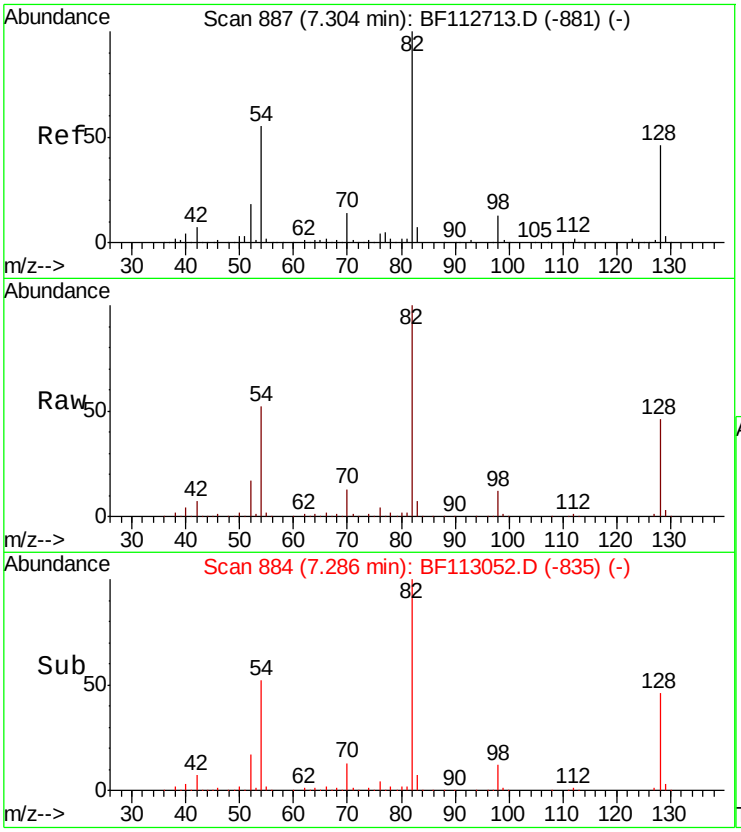


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:136 Resp: 762023

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.3	10.9
68	5.7	5.4	8.2



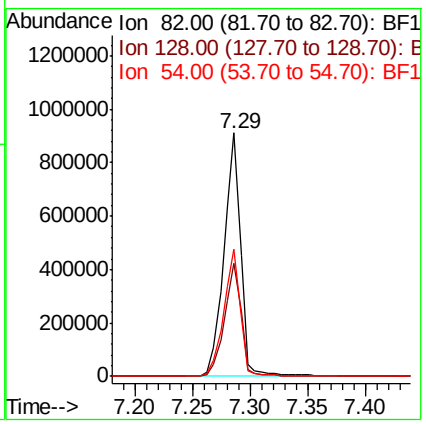


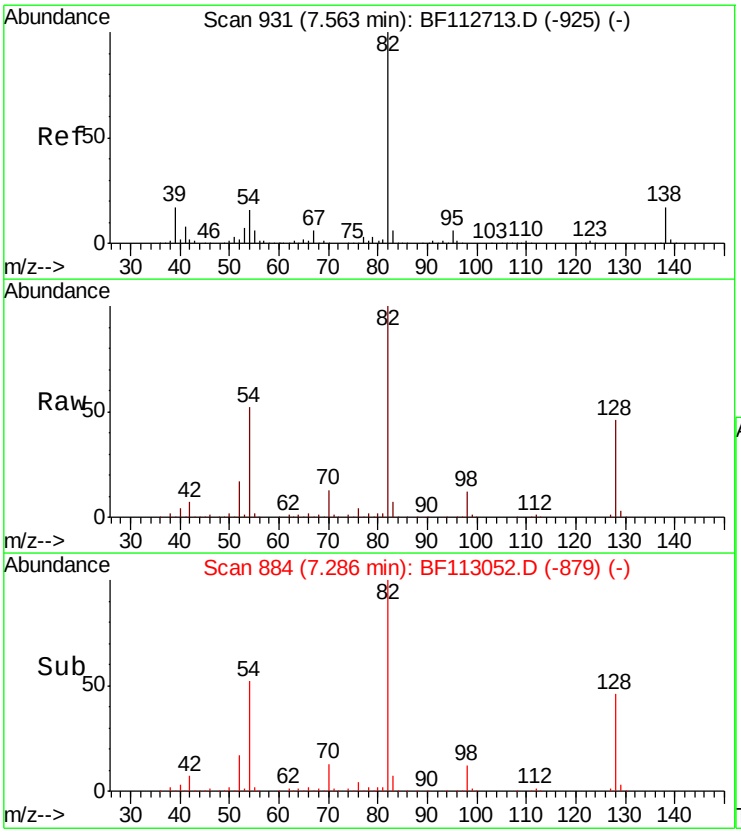
#23
Nitrobenzene-d5
Concen: 71.550 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 82 Resp: 911177

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	52.4	43.7	65.5

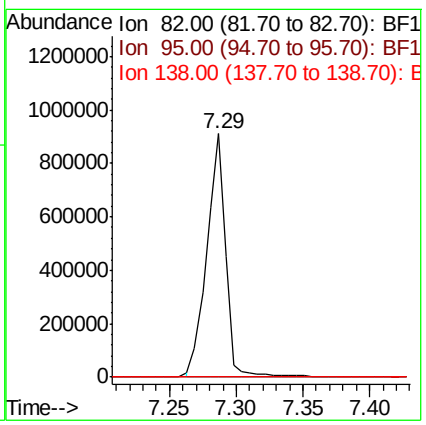


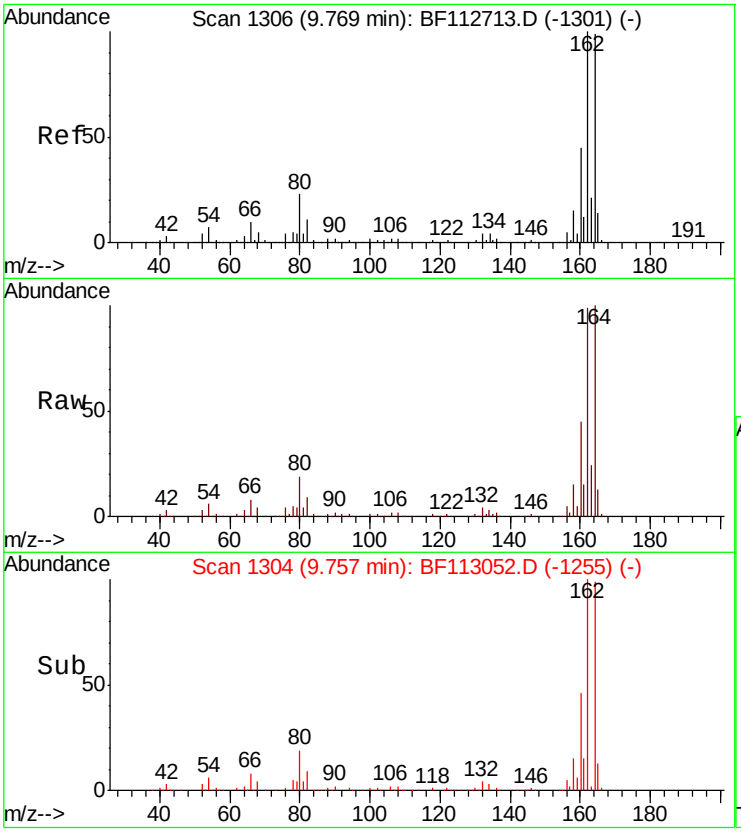


#25
Isophorone
Concen: 32.257 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion: 82 Resp: 884975

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



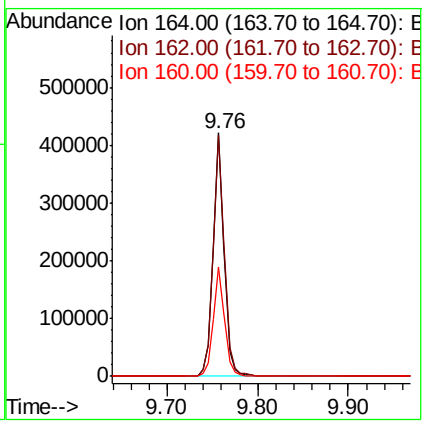


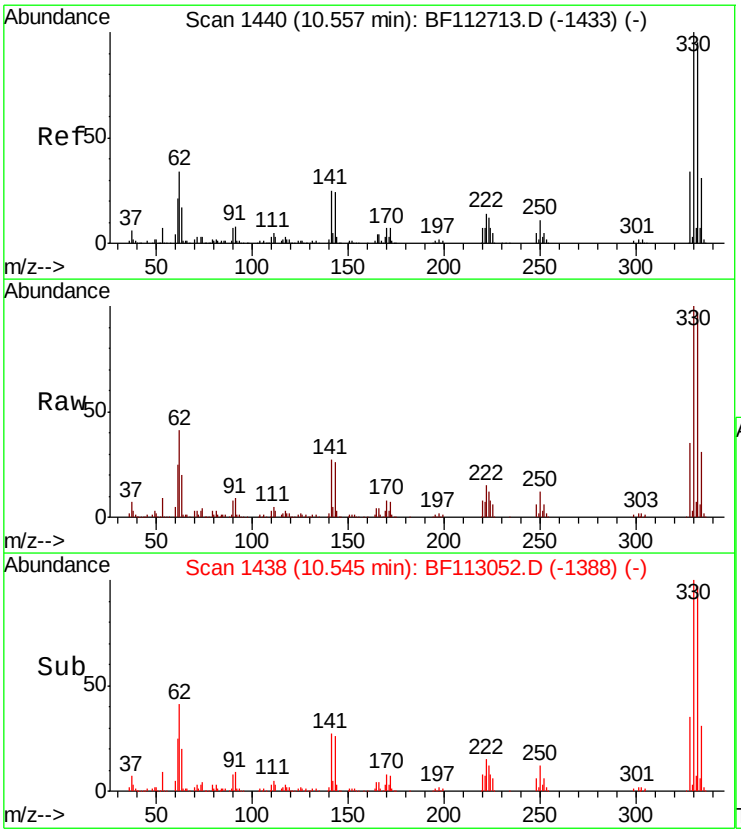
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:164 Resp: 358275

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	45.0	36.0	54.0

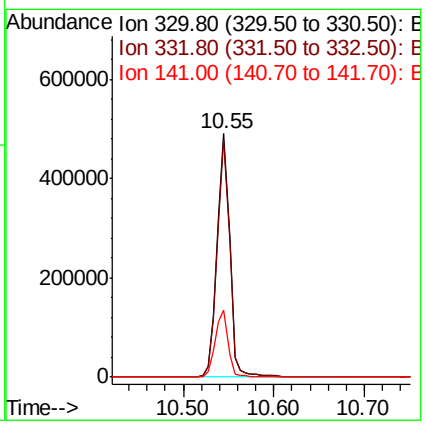


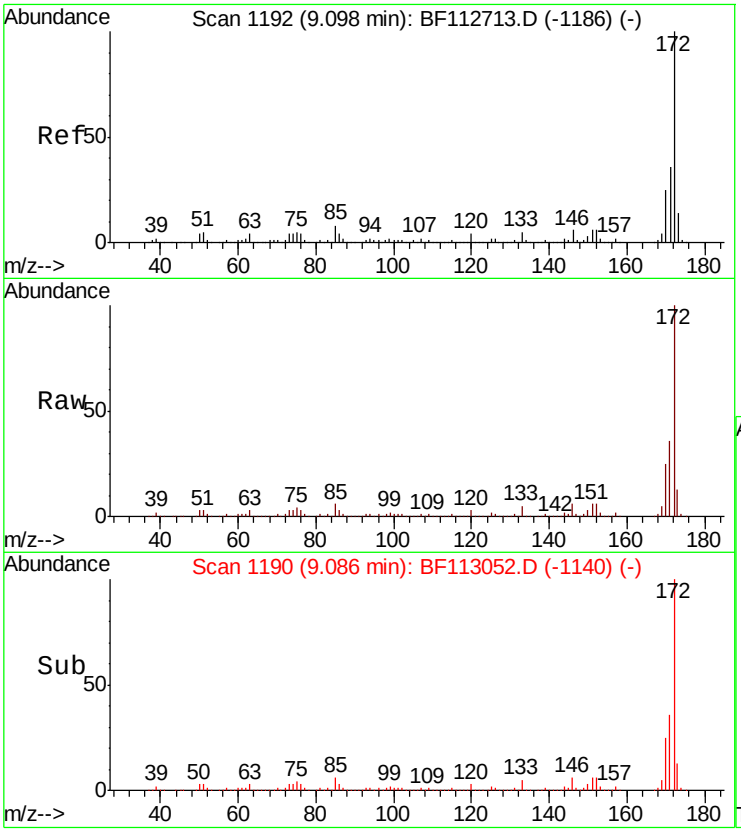


#42
2,4,6-Tribromophenol
Concen: 124.433 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:330 Resp: 473287

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	27.8	27.0	40.6



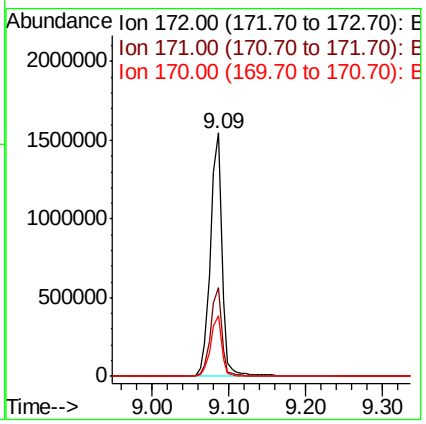


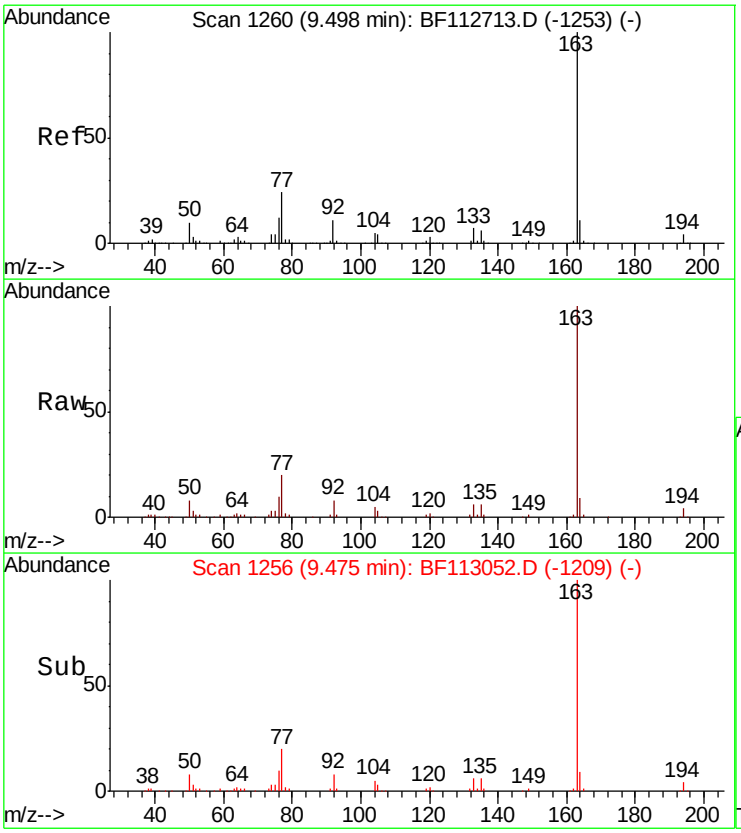
#45
2-Fluorobiphenyl
Concen: 70.667 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:172 Resp: 1597596

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0

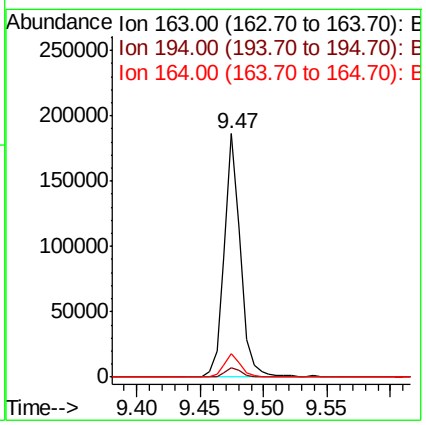


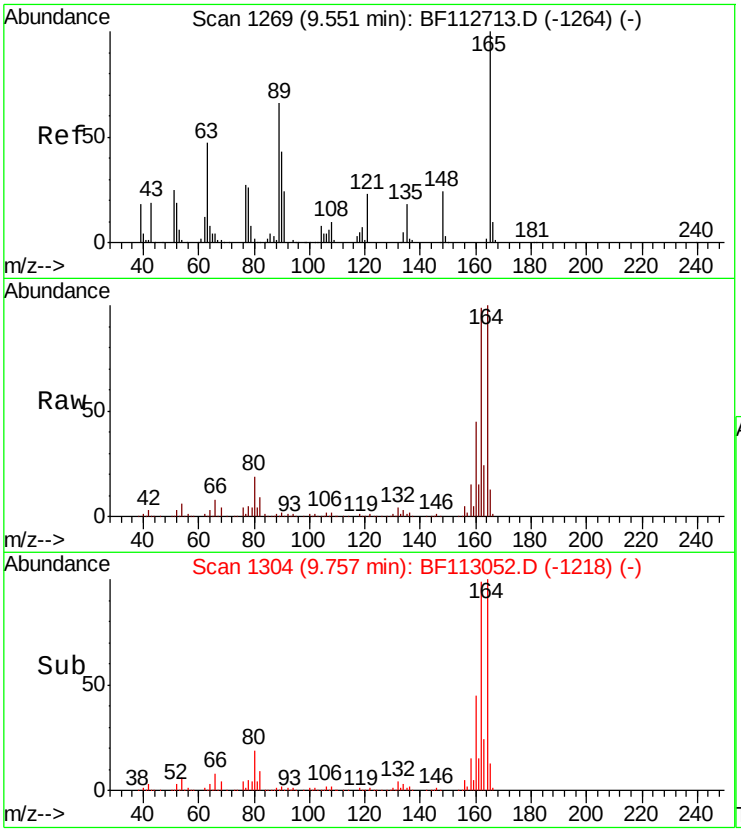


#50
Dimethylphthalate
Concen: 6.262 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:163 Resp: 165417

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.5	8.4	12.6



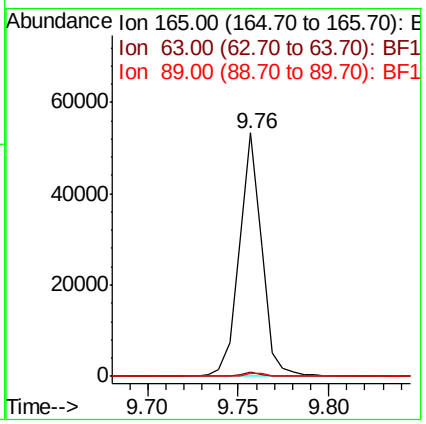


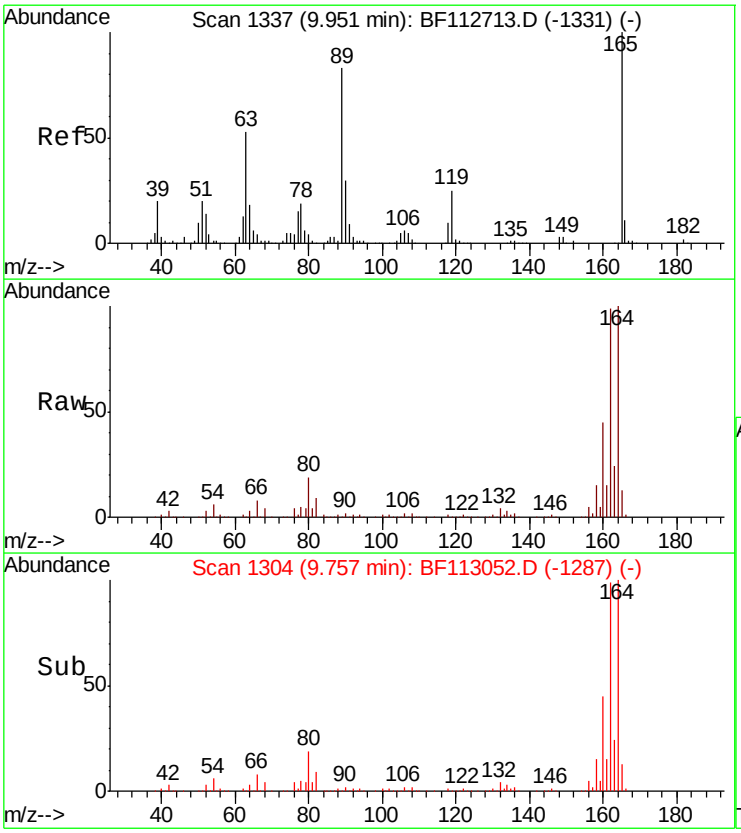
#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:165 Resp: 45794

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.4	52.8	79.2#

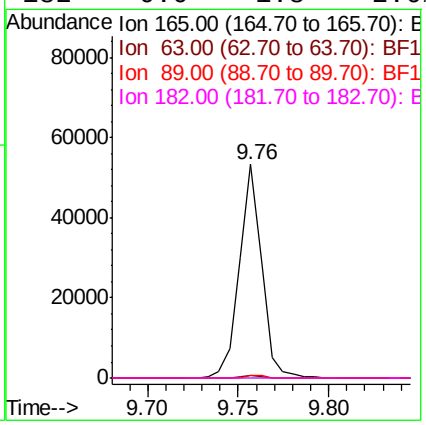


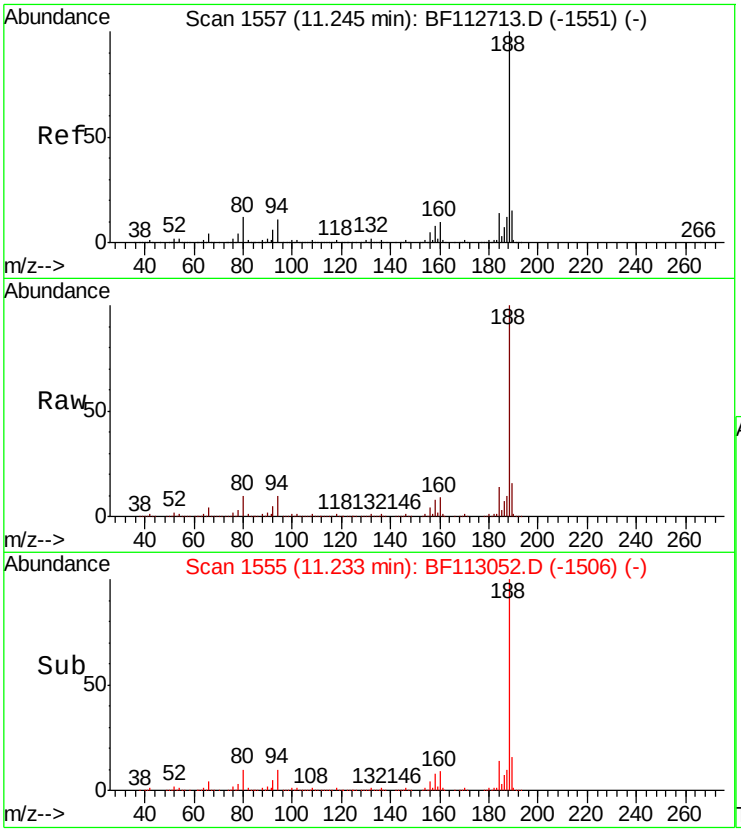


#57
2,4-Dinitrotoluene
Concen: 6.697 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:165 Resp: 45794

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



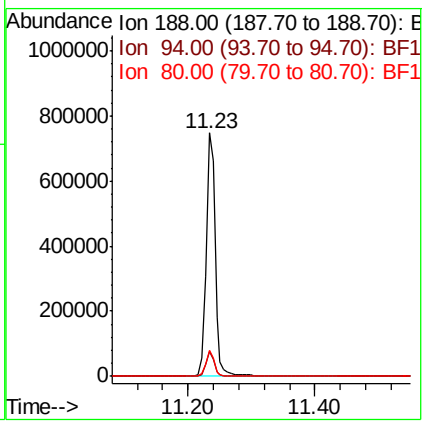


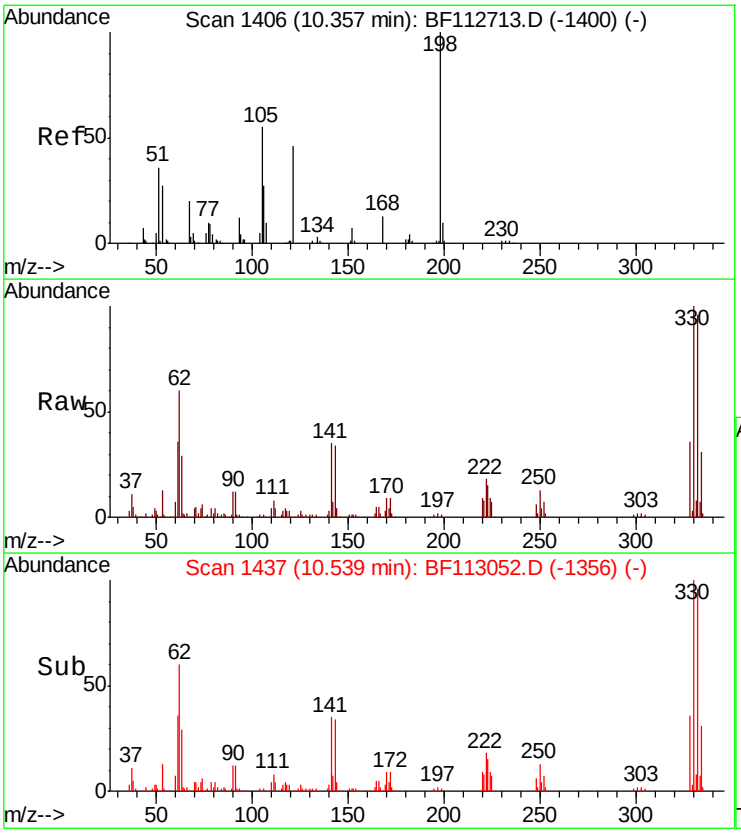
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:188 Resp: 742469

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.4	9.2	13.8

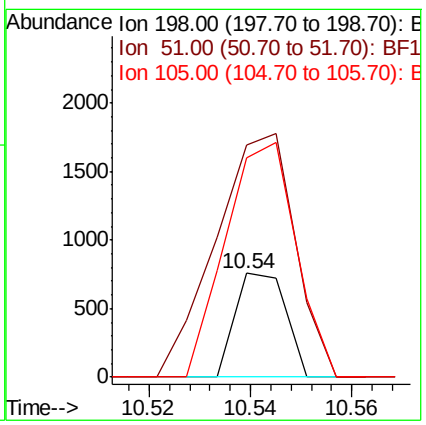


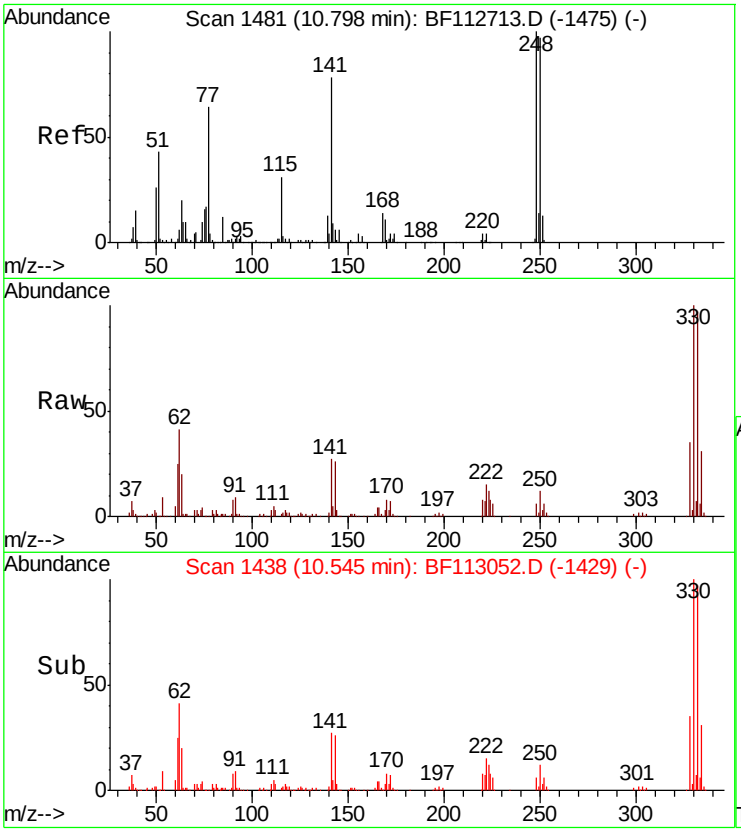


#65
4,6-Dinitro-2-methylphenol
Concen: 4.768 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:198 Resp: 524

Ion	Ratio	Lower	Upper
198	100		
51	224.0	43.8	83.8#
105	211.1	36.5	76.5#



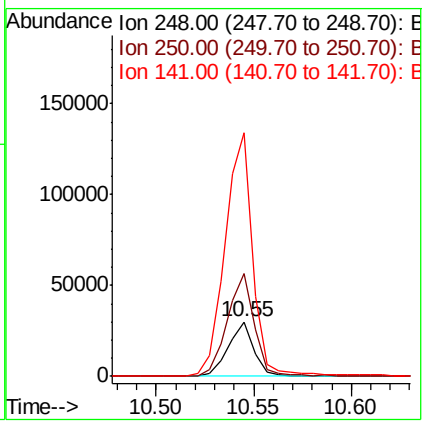


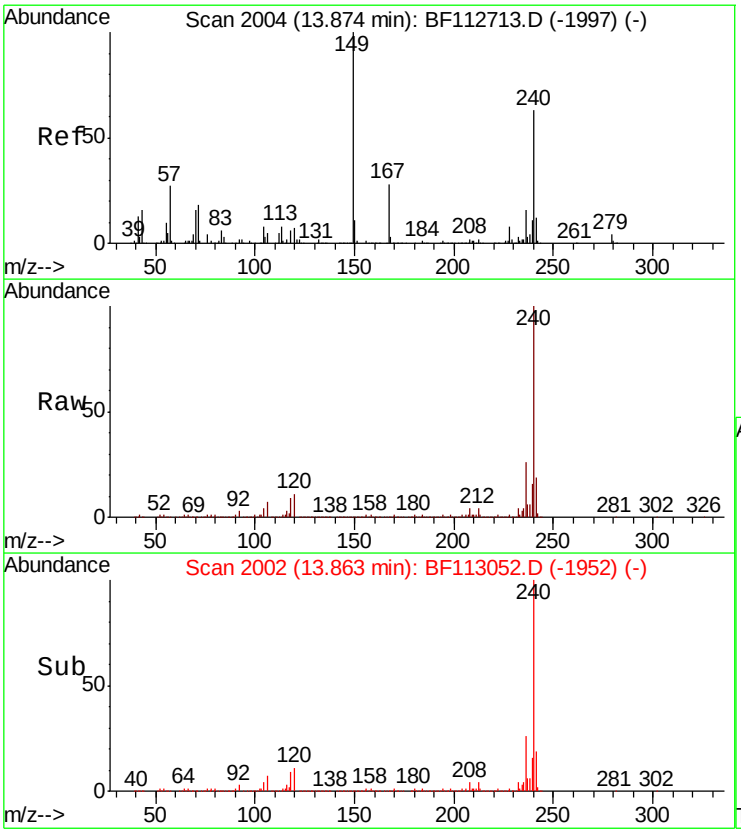
#67
4-Bromophenyl-phenylether
Concen: 3.498 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:248 Resp: 27353

Ion	Ratio	Lower	Upper
248	100		
250	190.4	77.5	116.3#
141	448.2	62.4	93.6#

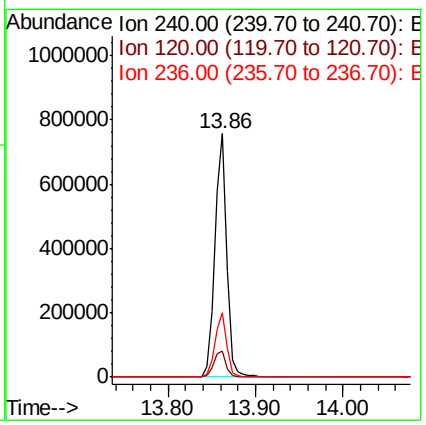


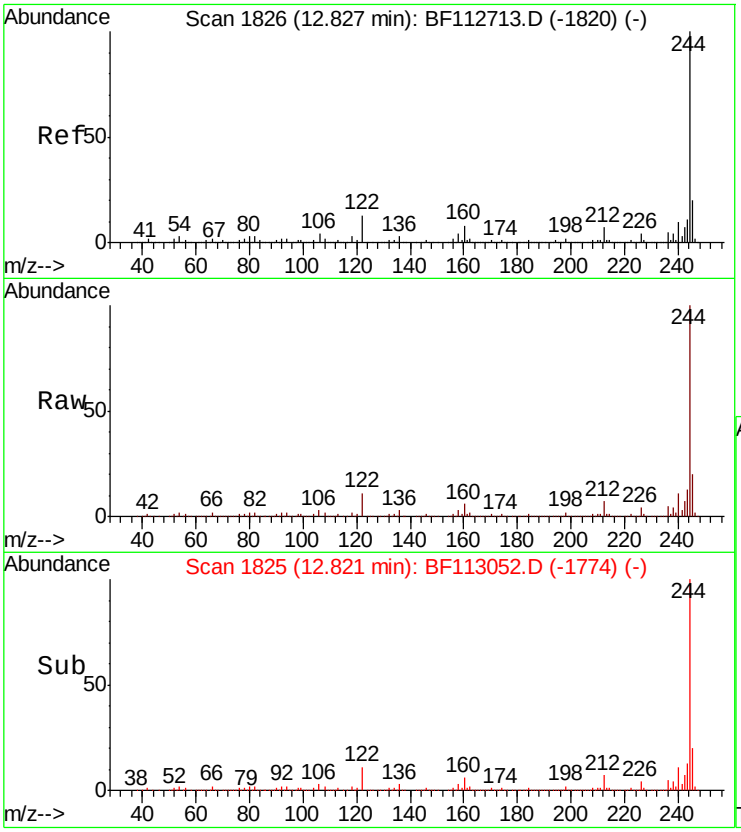


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:240 Resp: 709597

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.2	20.7	31.1



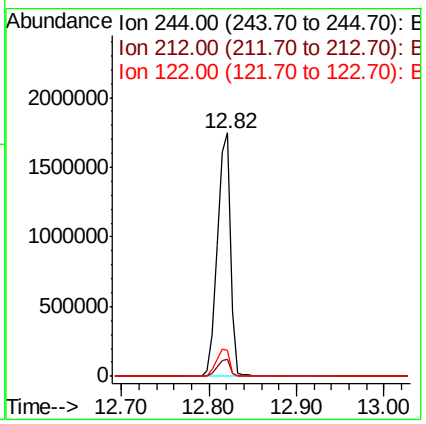


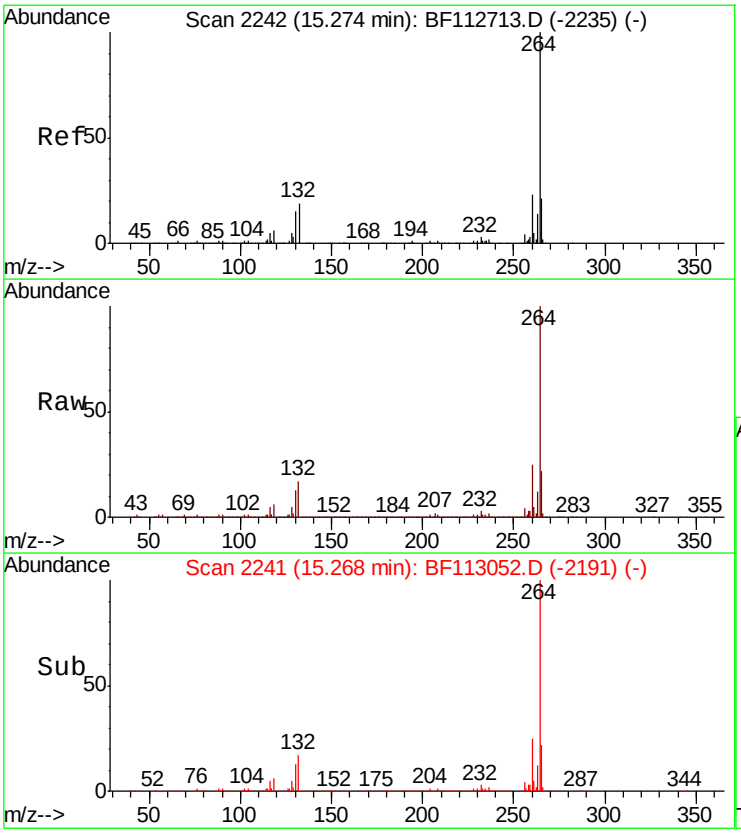
#79
Terphenyl-d14
Concen: 49.932 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:244 Resp: 1827772

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.6	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113052.D
Acq: 14 Mar 2019 16:23

Tgt Ion:264 Resp: 714389

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.7	17.2	25.8