Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110054.D
Acq On : 22 Oct 2018 17:38
Operator : JU/SJ
Sample : J5601-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:10:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	187380	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	705708	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	293402	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	483298	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	354891	20.00	ng	-0.02
87) Perylene-d12	15.67	264	254577	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	400849	33.91	ng	-0.01
7) Phenol-d6	6.58	99	310949	21.18	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1040612	99.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	206847	81.43	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1773895	96.47	ng	-0.01
79) Terphenyl-d14	13.09	244	1361988	80.59	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	139120	14.761	ng	# 81
25) Isophorone	7.53	82	1040593	50.553	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	36027	9.130	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	36027	11.121	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	370	8.081	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	13311	2.541	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Oct 2018 17:38
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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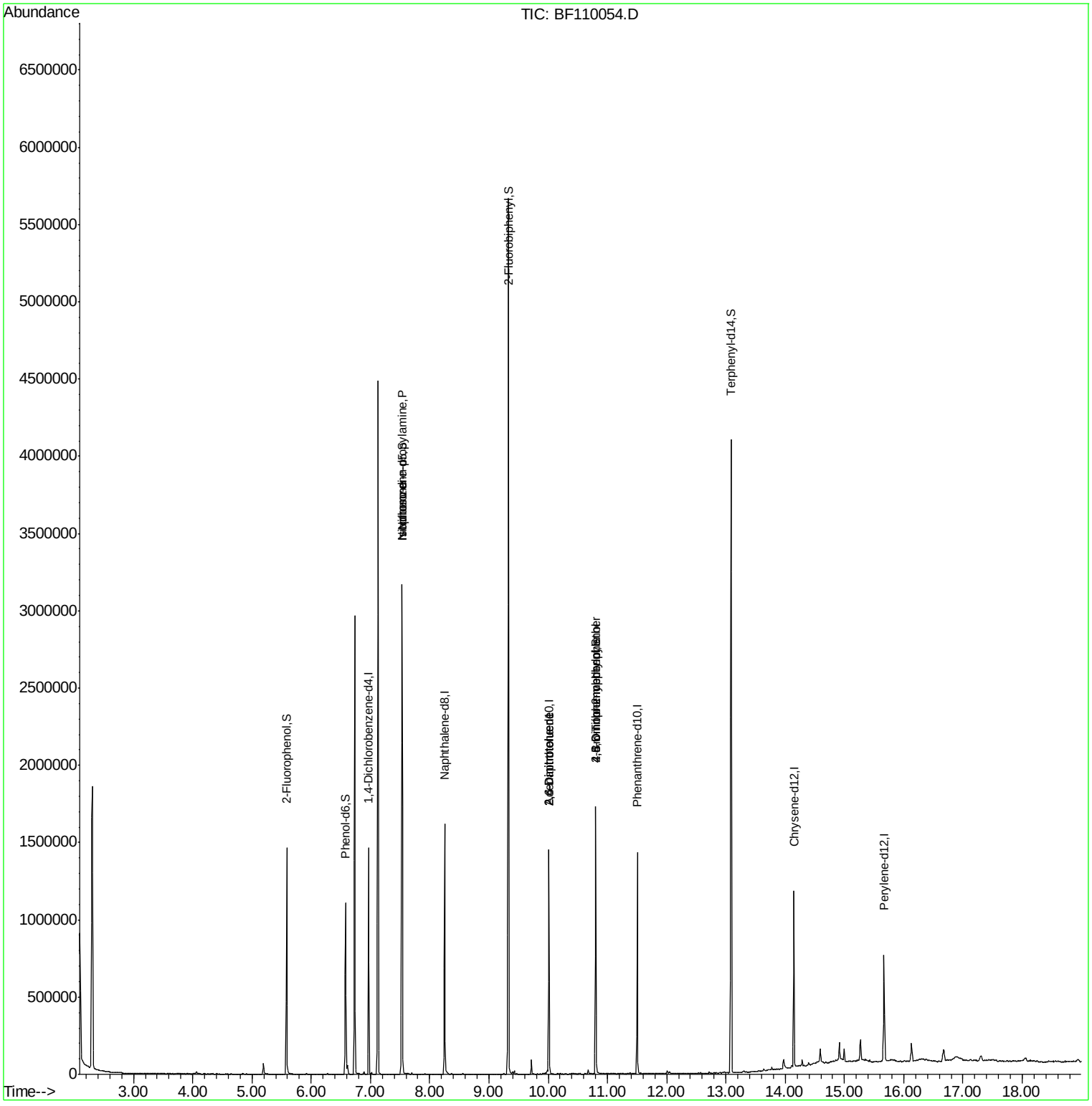
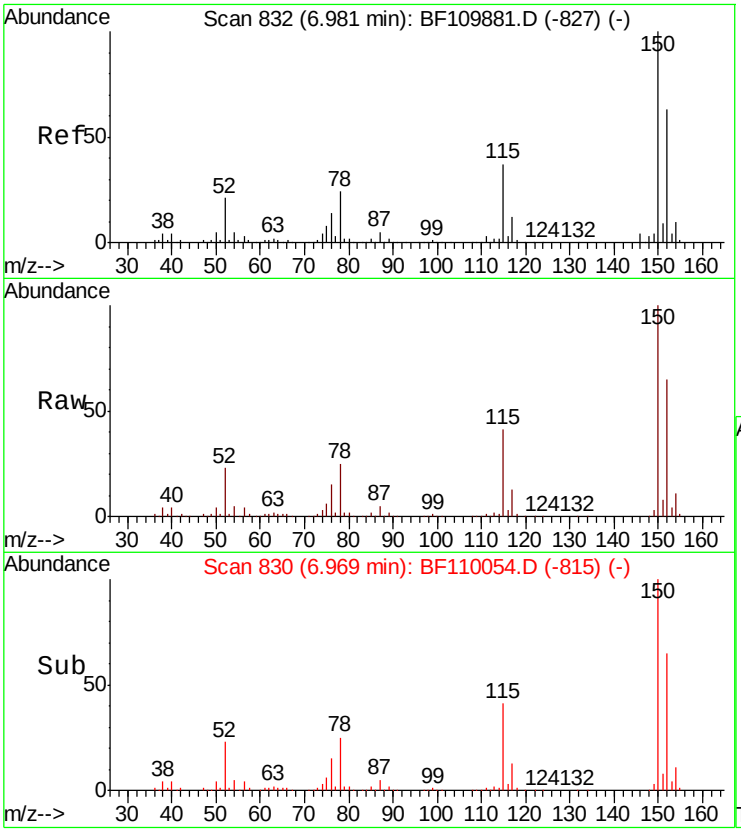
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



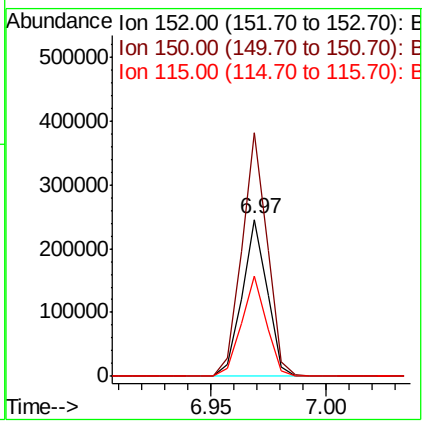


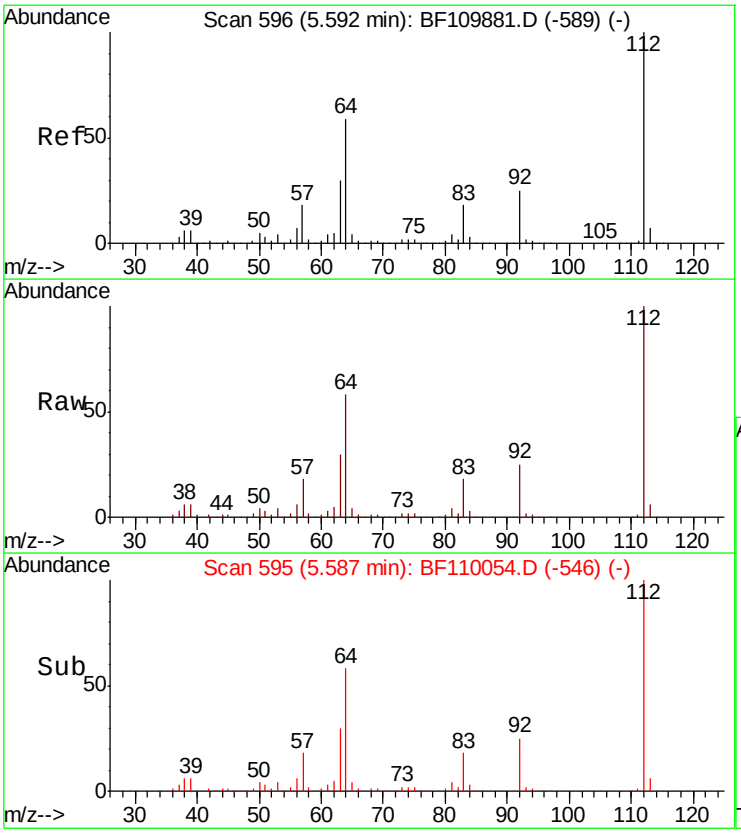
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 187380

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	63.5	49.1	73.7

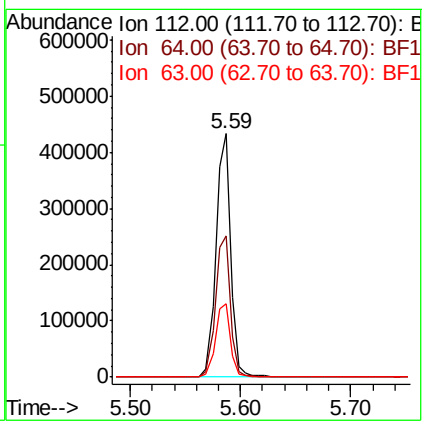


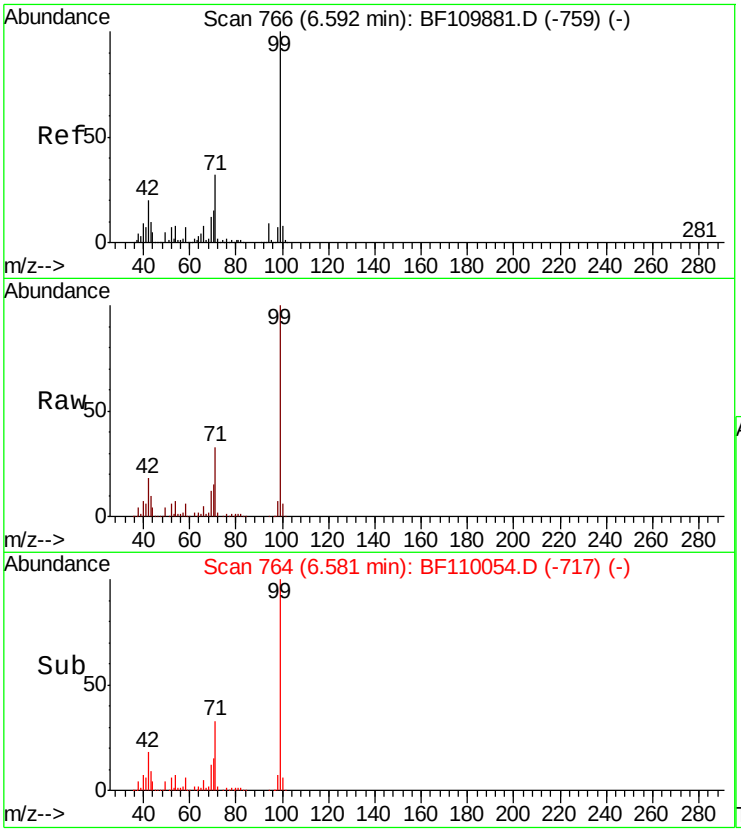


#5
2-Fluorophenol
Concen: 33.910 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:112 Resp: 400849

Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.2	23.7	35.5



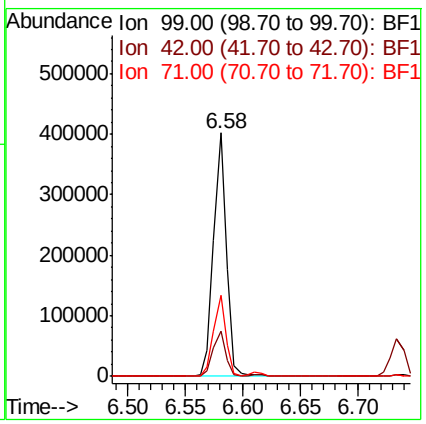


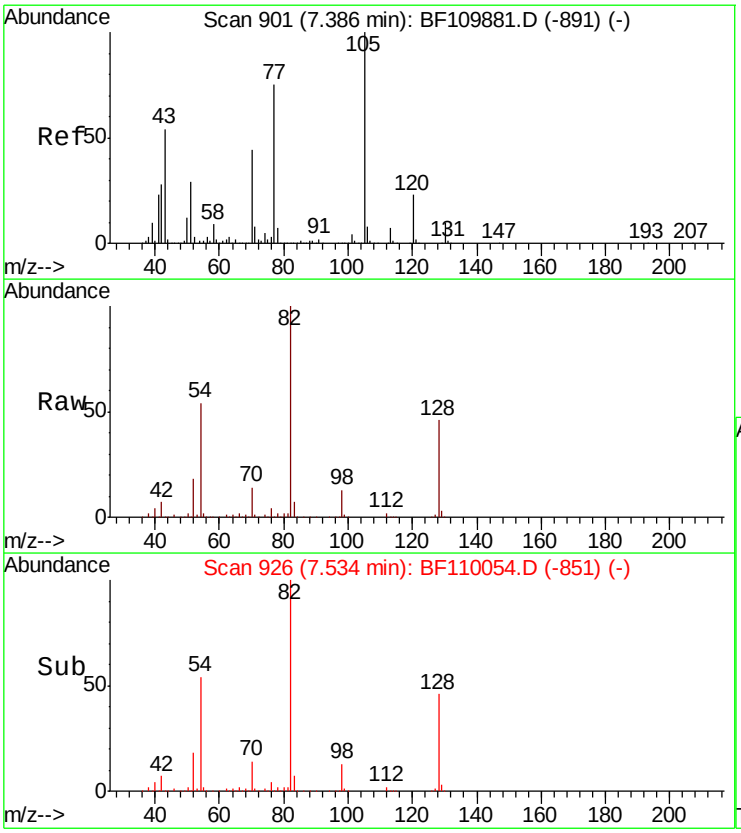
#7
Phenol-d6
Concen: 21.184 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 310949

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	33.1	28.0	42.0

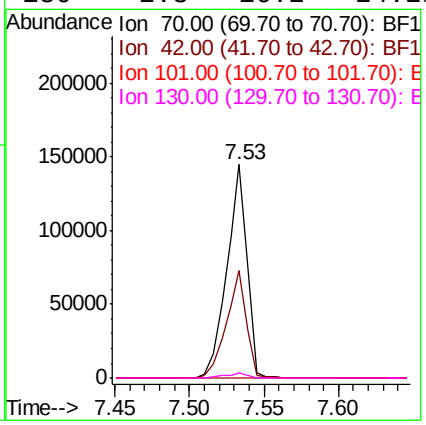


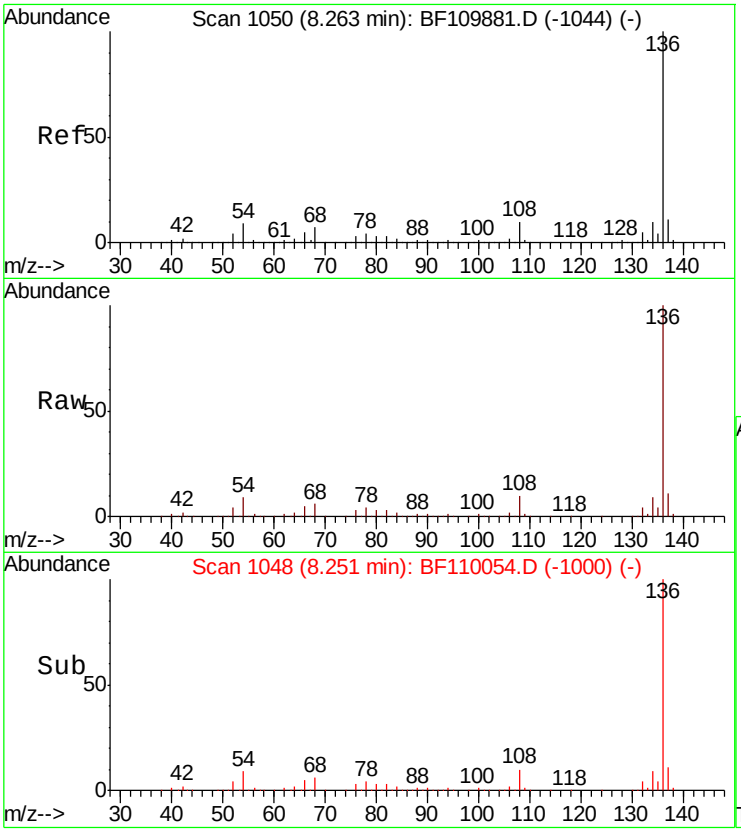


#19
n-Nitroso-di-n-propylamine
Concen: 14.761 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion: 70 Resp: 139120

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



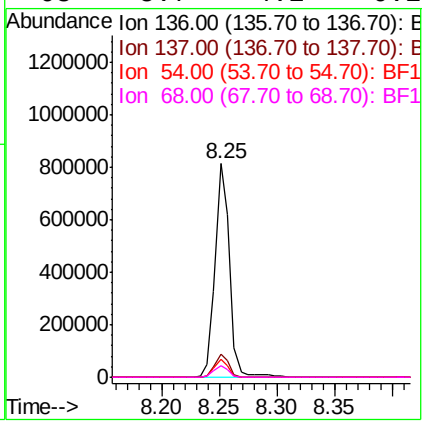


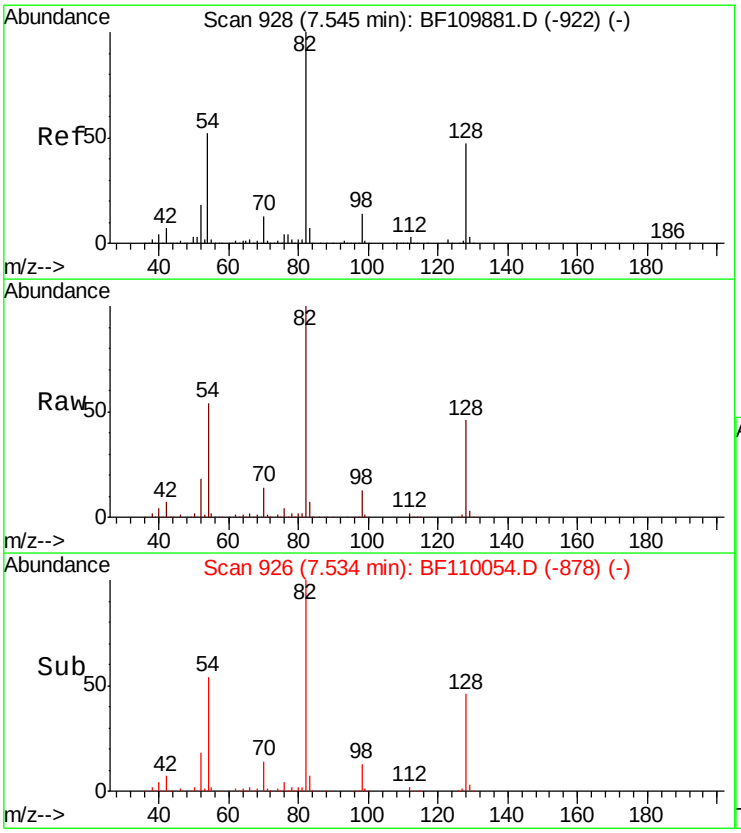
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 705708

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	5.4	8.2#
68	5.7	4.2	6.2

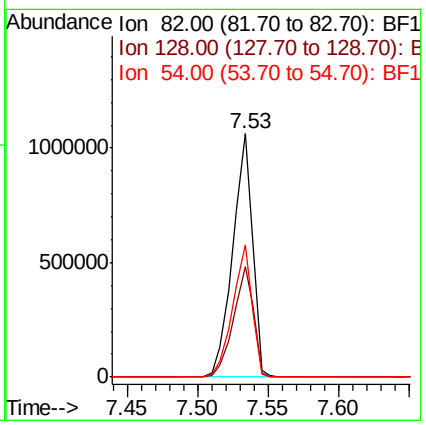


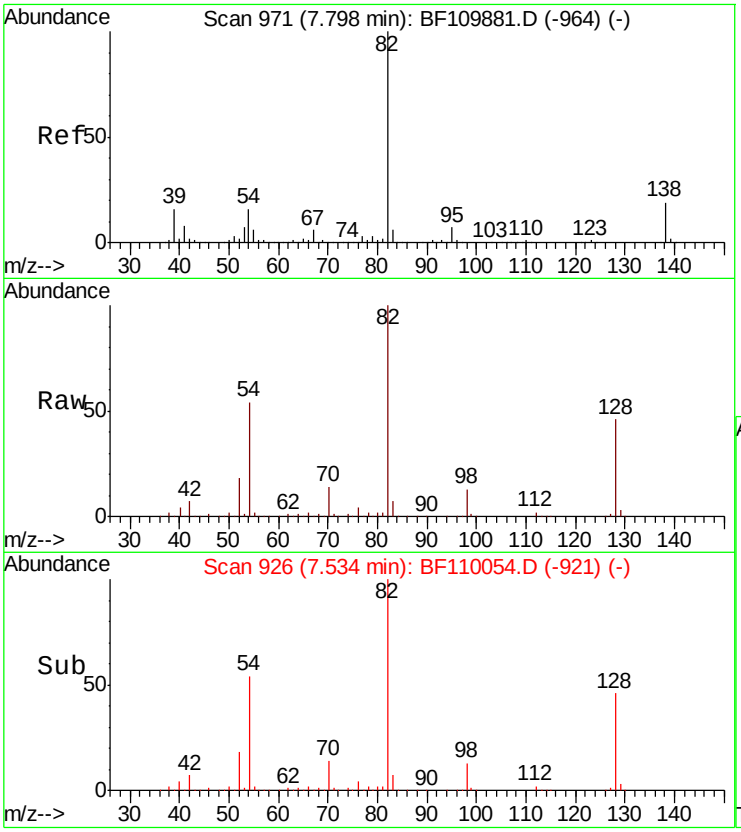


#23
Nitrobenzene-d5
Concen: 99.332 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion: 82 Resp: 1040612

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	54.1	38.6	58.0

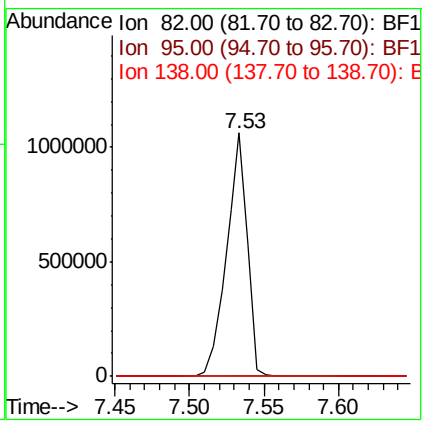




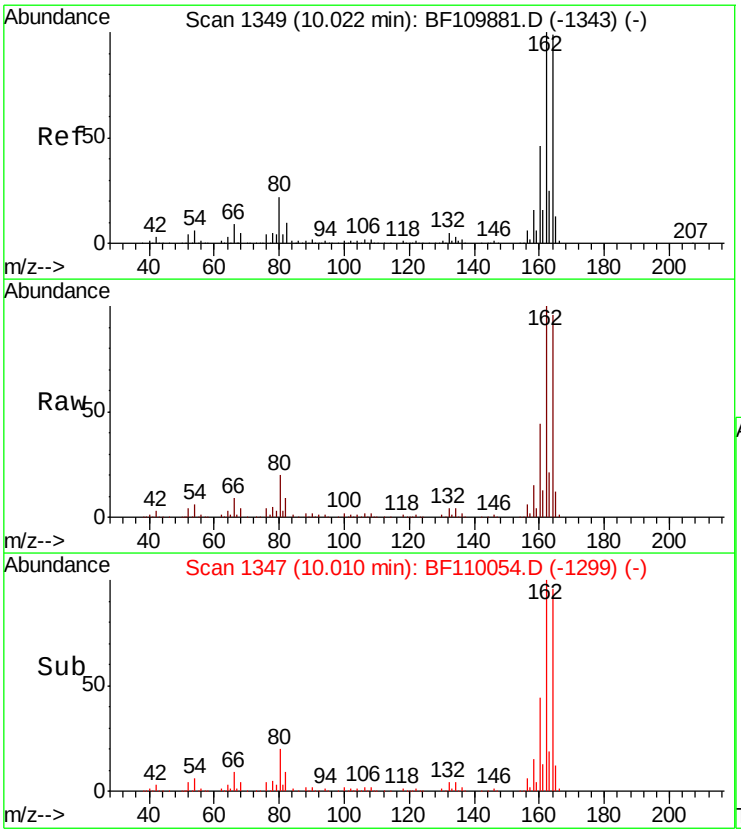
#25
Isophorone
Concen: 50.553 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion: 82 Resp: 1040593

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



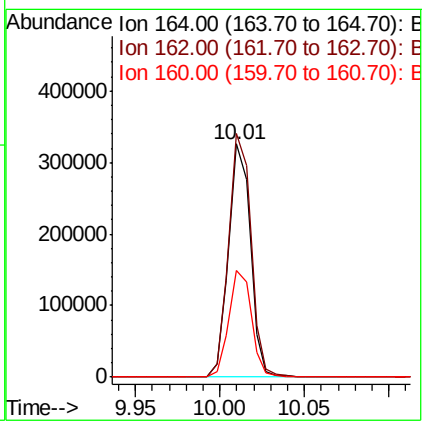
Instrument :
BNA_F
ClientSampleId :

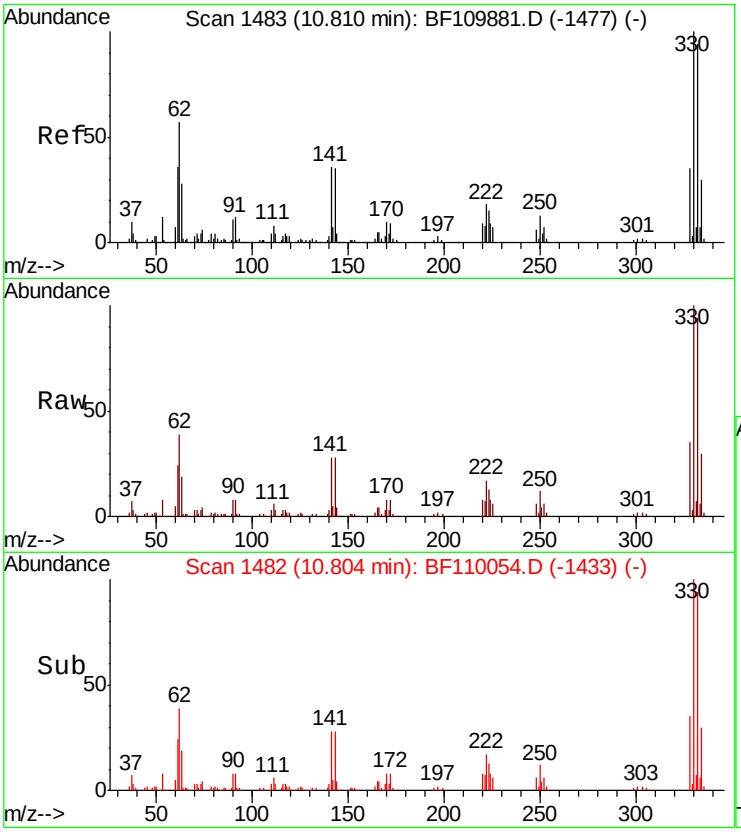


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:164 Resp: 293402

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	45.6	37.0	55.6



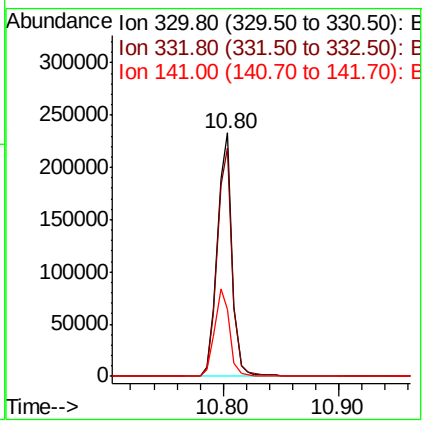


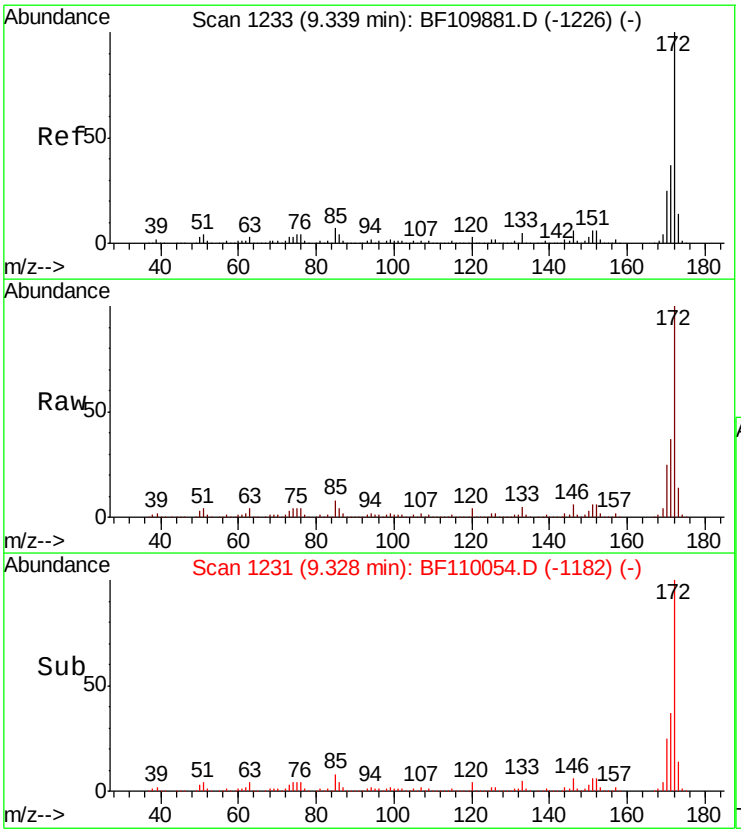
#42
2,4,6-Tribromophenol
Concen: 81.430 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 206847

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	36.5	27.0	40.4

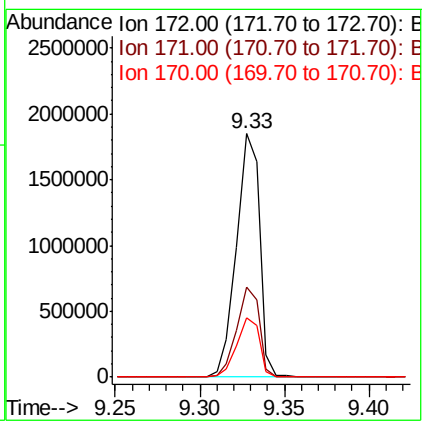


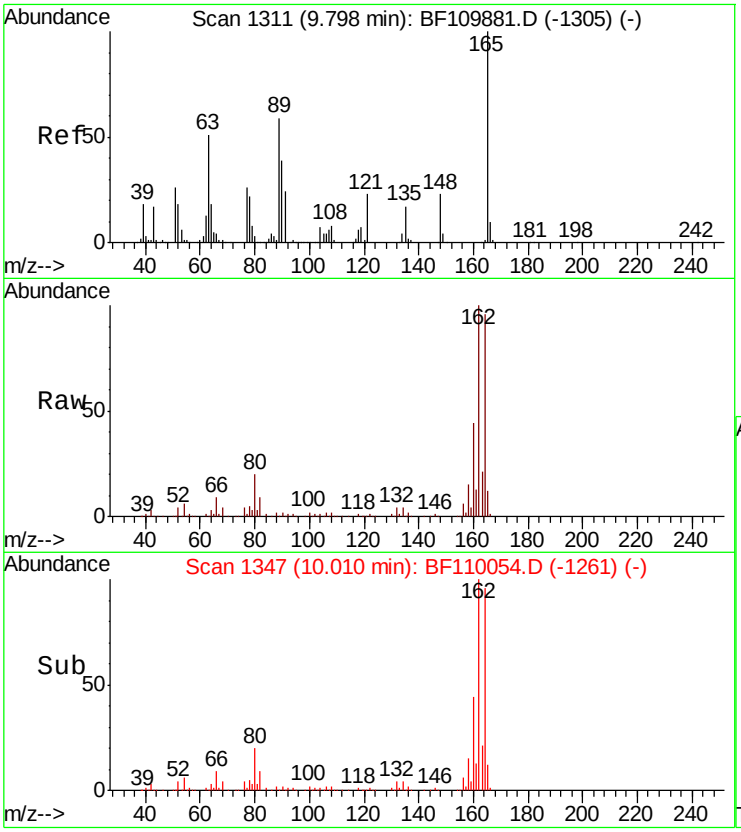


#45
2-Fluorobiphenyl
Concen: 96.473 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:172 Resp: 1773895

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.5	19.7	29.5



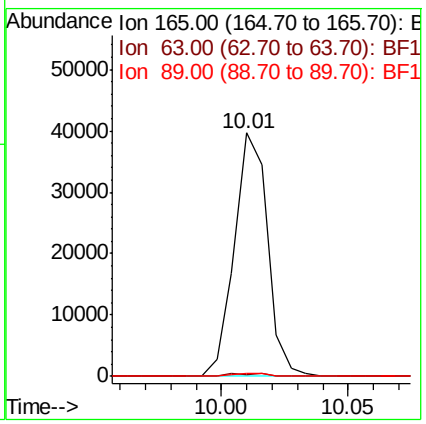


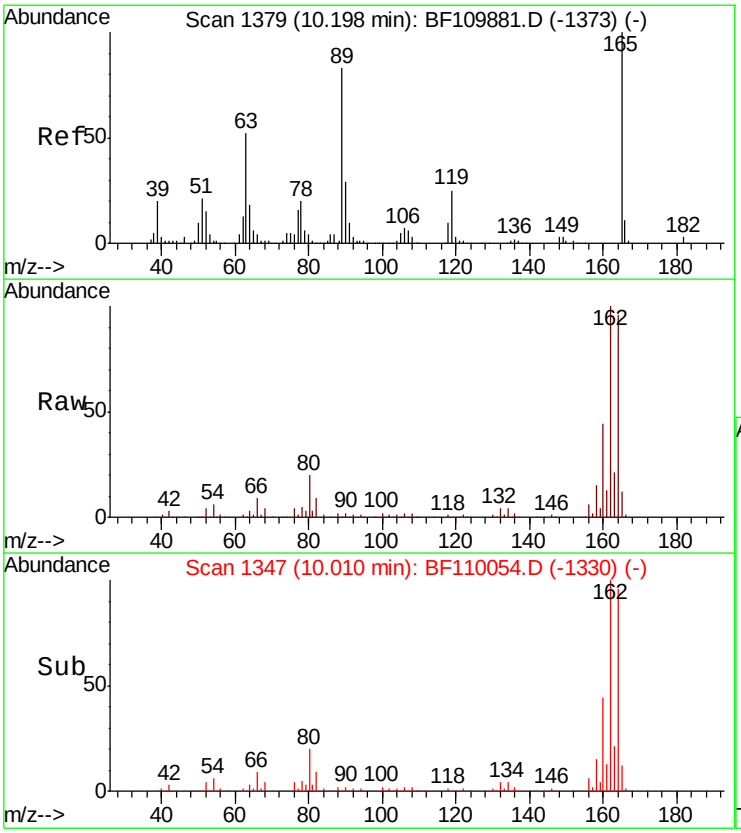
#51
2,6-Dinitrotoluene
Concen: 9.130 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36027

Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.4	46.6	69.8#

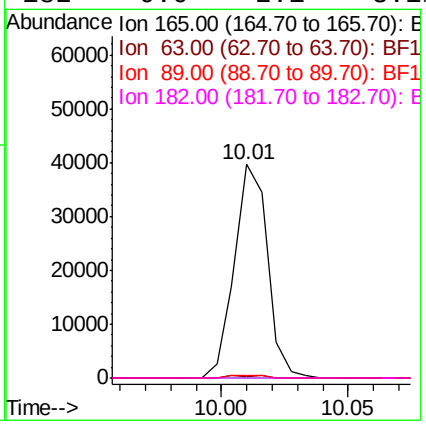


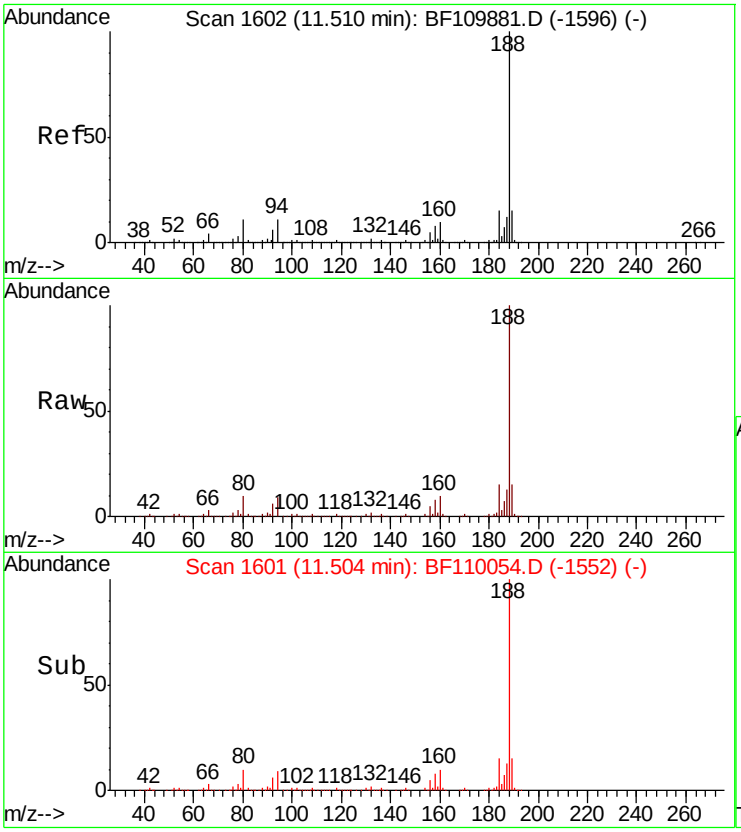


#57
2,4-Dinitrotoluene
Concen: 11.121 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:165 Resp: 36027

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



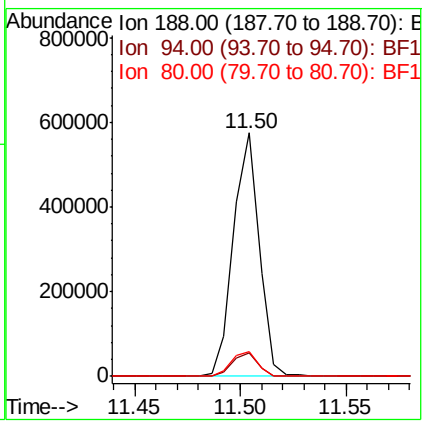


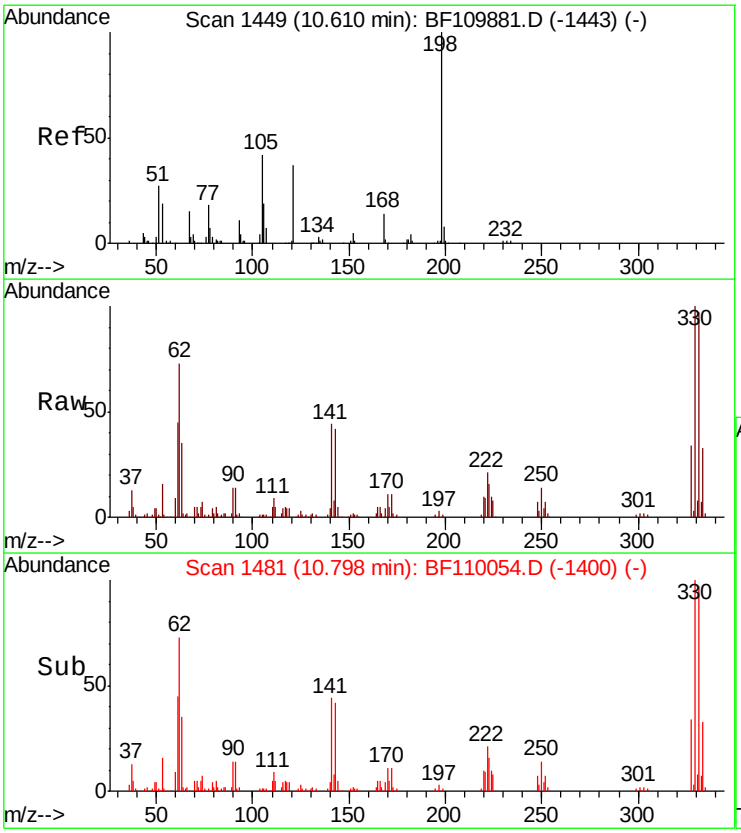
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 483298

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.0	7.9	11.9

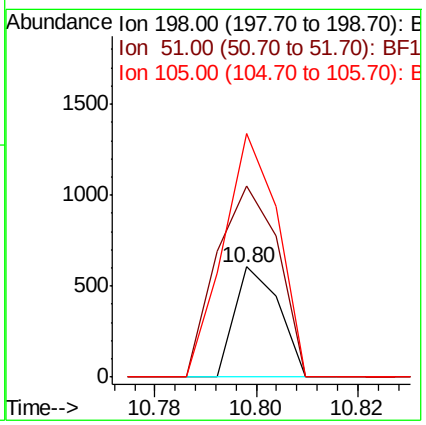


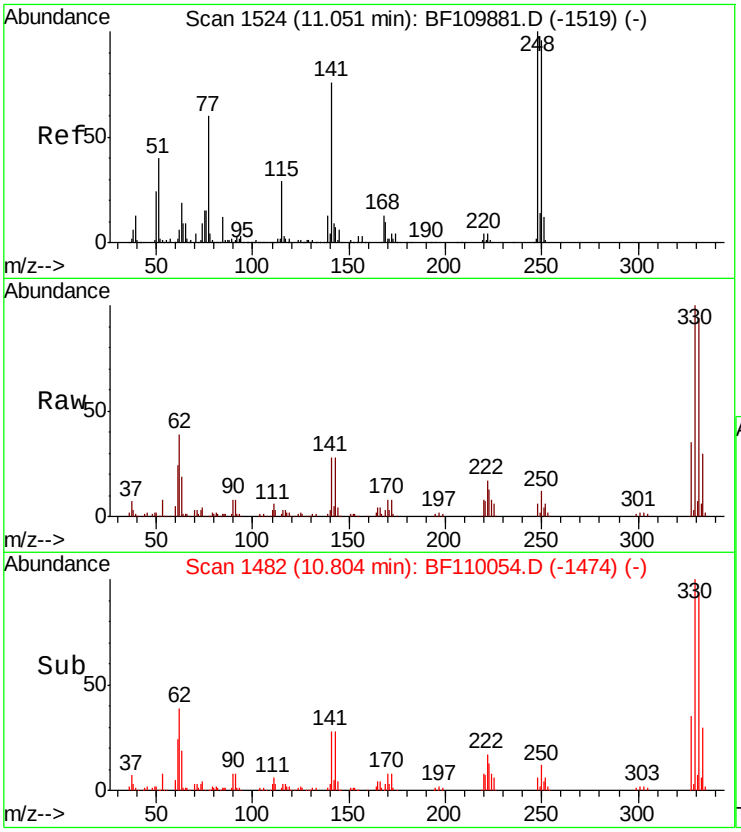


#65
4,6-Dinitro-2-methylphenol
Concen: 8.081 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:198 Resp: 370

Ion	Ratio	Lower	Upper
198	100		
51	173.2	22.8	62.8#
105	221.2	23.6	63.6#



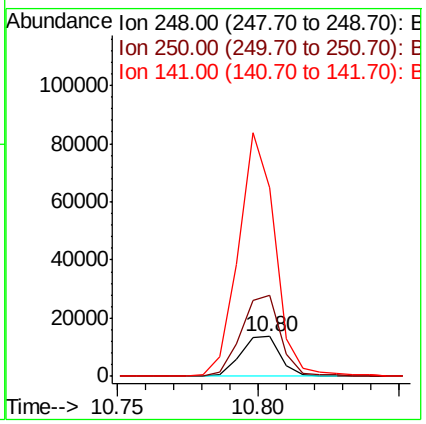


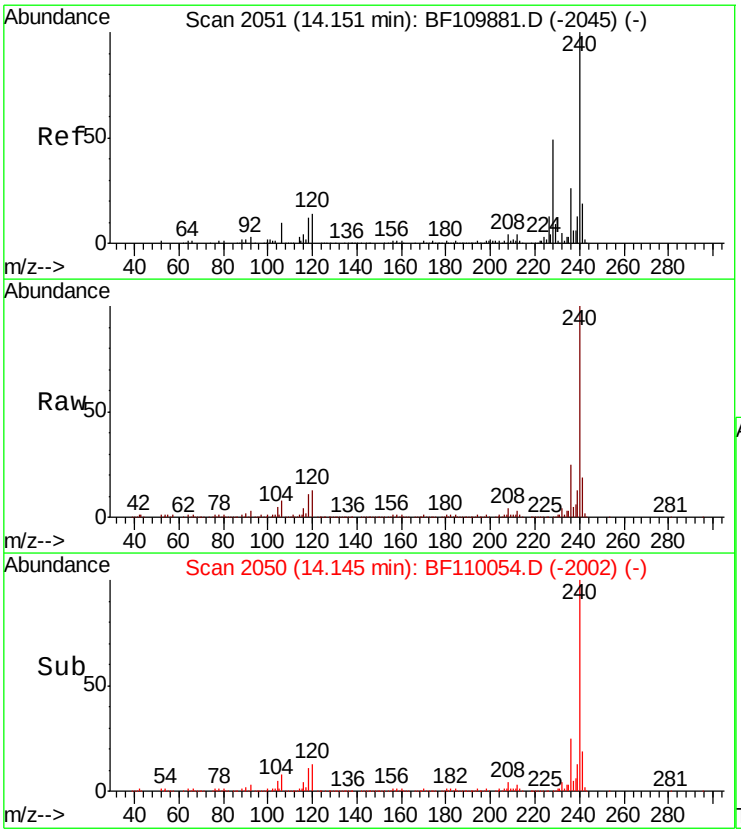
#67
4-Bromophenyl-phenylether
Concen: 2.541 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13311

Ion	Ratio	Lower	Upper
248	100		
250	204.1	79.4	119.2#
141	471.1	55.9	83.9#

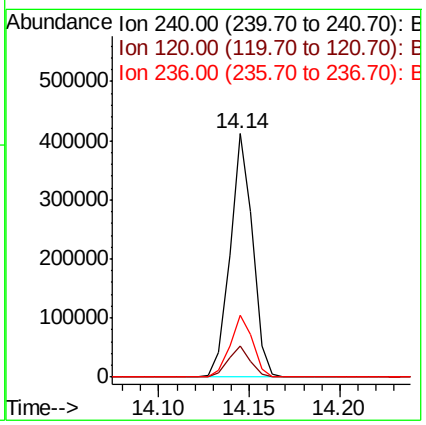


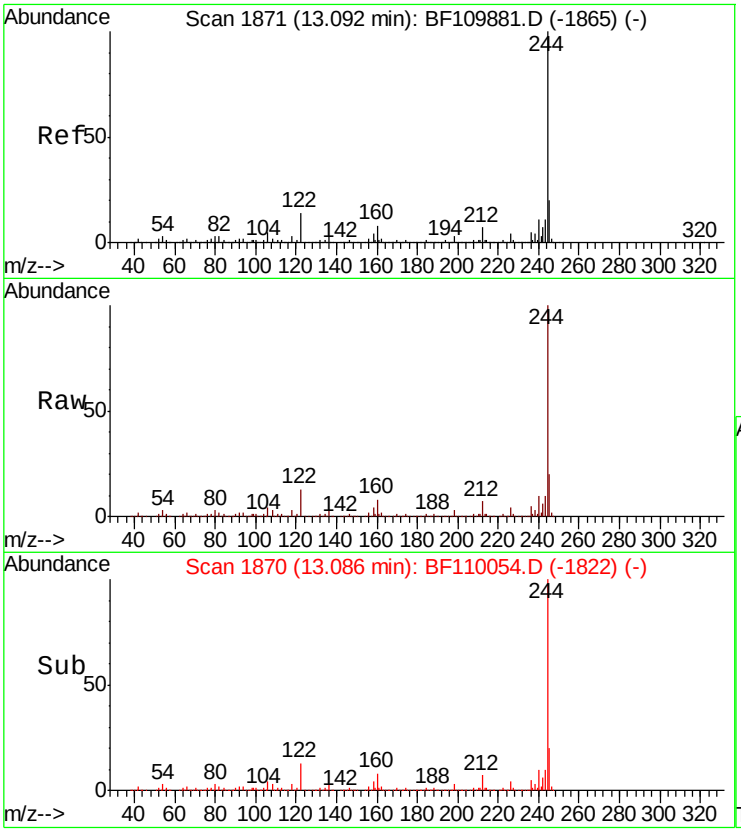


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:240 Resp: 354891

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	25.2	21.2	31.8



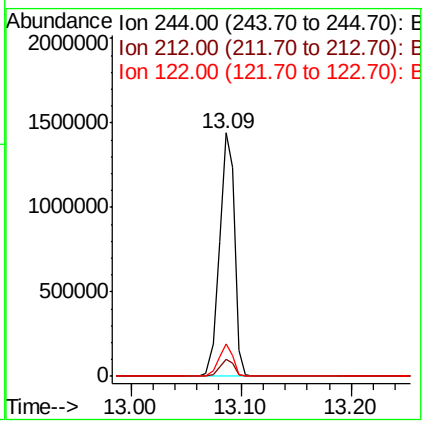


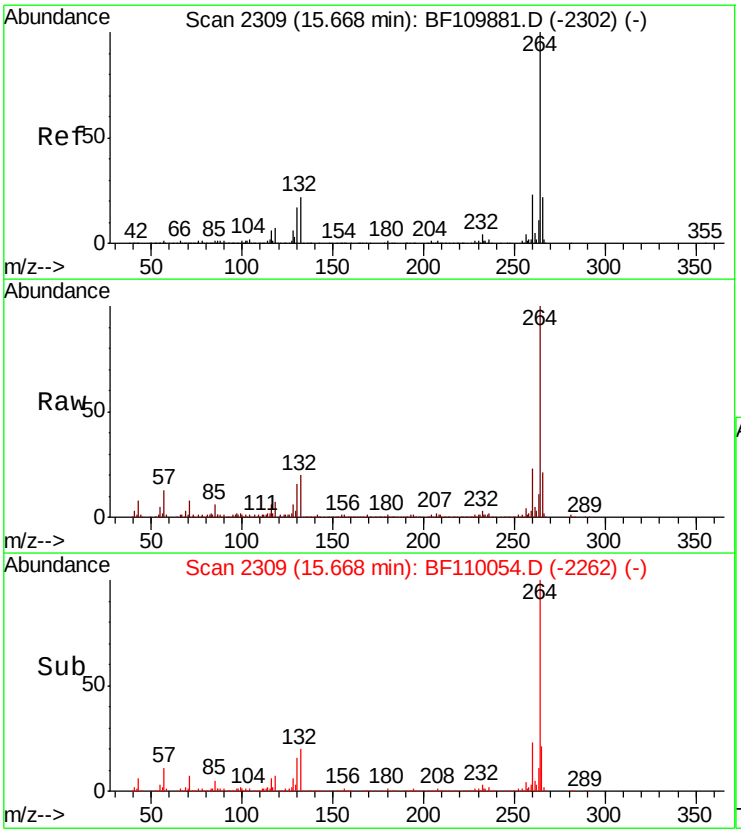
#79
Terphenyl-d14
Concen: 80.590 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1361988

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.4	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:264 Resp: 254577

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	16.7	25.1