Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

Quantitation Report (Not Reviewed)

Data File : BF109363.D
Acq On : 27 Sep 2018 3:37
Operator : JU/SJ
Sample : J5053-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW12-GW

Quant Time: Sep 27 05:43:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	92685	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	318272	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	138062	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247716	20.00	ng	0.00
75) Chrysene-d12	13.84	240	268473	20.00	ng	0.00
86) Perylene-d12	15.24	264	238150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	380993	67.71	ng	0.00
7) Phenol-d6	6.35	99	327493	45.61	ng	-0.01
23) Nitrobenzene-d5	7.27	82	461891	85.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	170882	125.56	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	790826	86.39	ng	-0.01
78) Terphenyl-d14	12.80	244	796604	72.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	11656	2.527	ng	# 1
15) Benzyl Alcohol	6.86	79	13512	2.458	ng	# 49
17) 2-Methylphenol	6.97	107	14401	2.844	ng	# 91
18) Hexachloroethane	7.25	117	15426	6.032	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	66162	14.062	ng	# 79
22) Acetophenone	7.11	105	51193	6.957	ng	# 80
25) Isophorone	7.27	82	440848	45.407	ng	# 64
31) Naphthalene	8.01	128	141870	9.539	ng	98
32) Benzoic acid	7.85	122	3514	7.846	ng	# 42
50) 2,6-Dinitrotoluene	9.73	165	17850	8.975	ng	# 27
56) 2,4-Dinitrotoluene	9.73	165	17850	7.093	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	325	6.803	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10527	3.827	ng	# 1

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

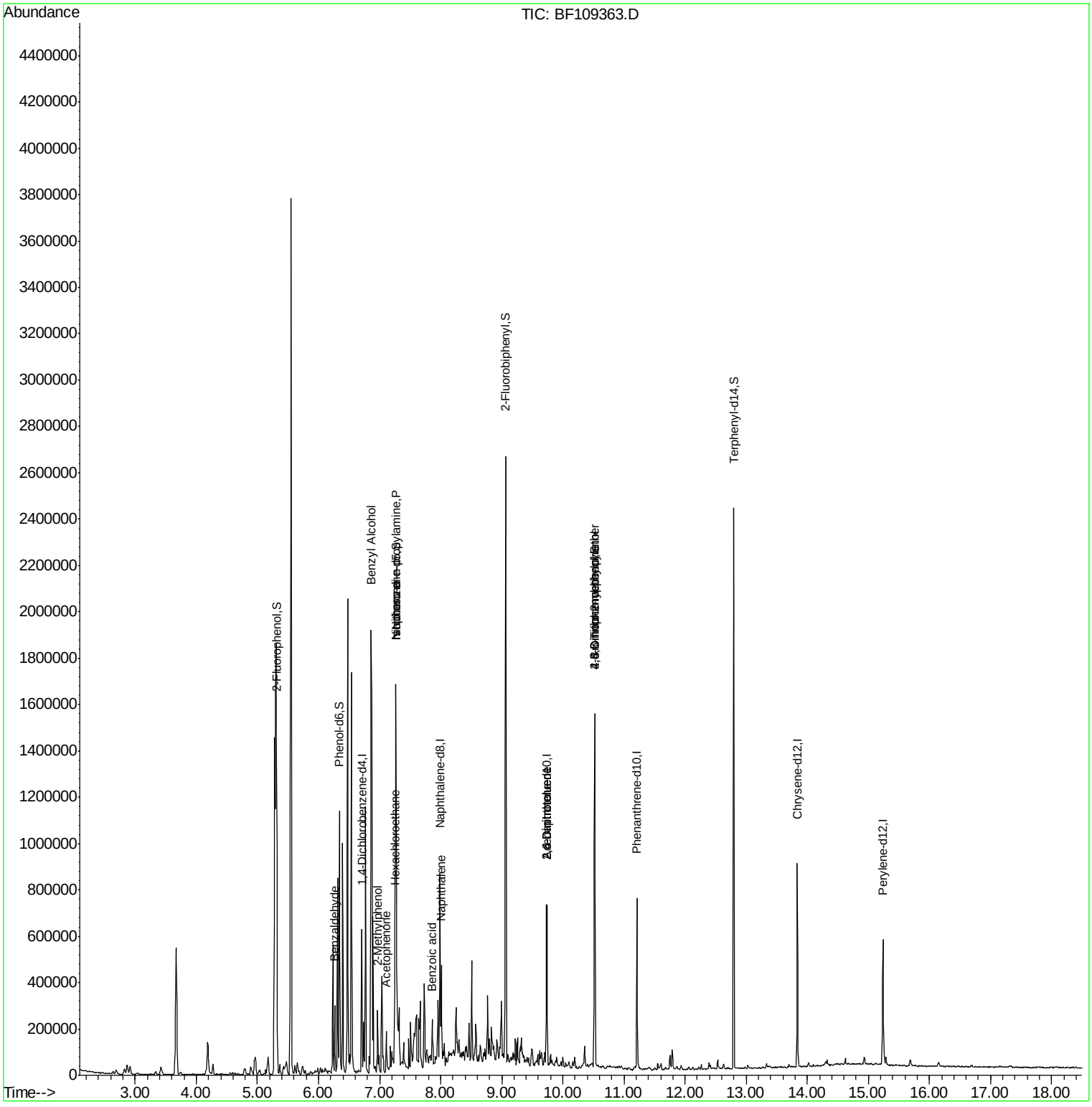
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

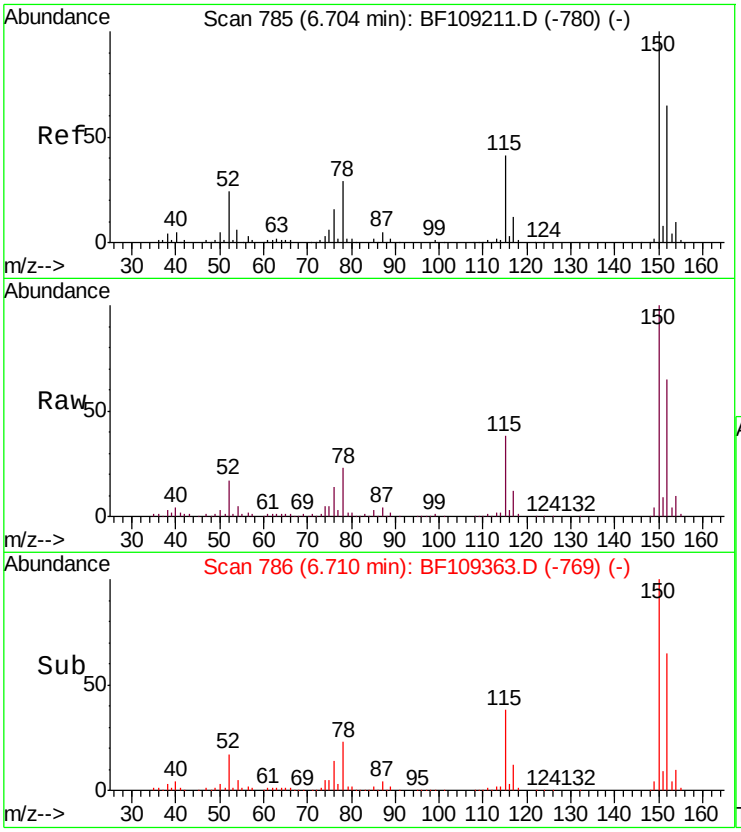
Quantitation Report (Not Reviewed)

Data File : BF109363.D
Acq On : 27 Sep 2018 3:37
Operator : JU/SJ
Sample : J5053-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Quant Time: Sep 27 05:43:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



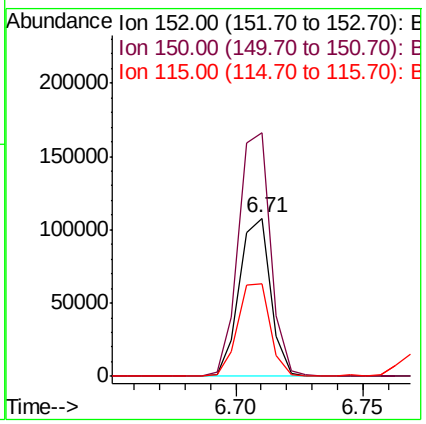


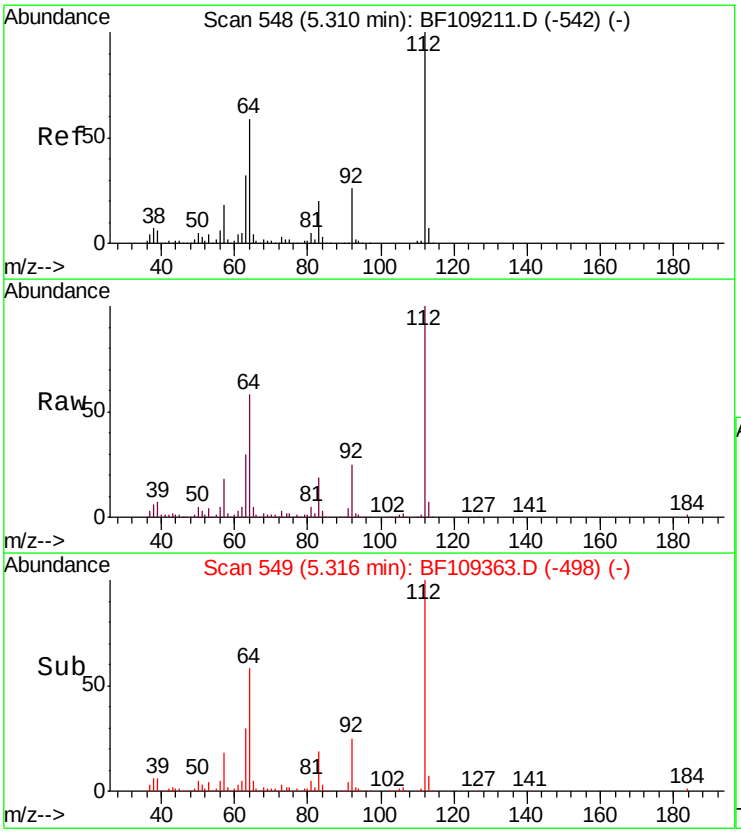
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:152 Resp: 92685

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	58.1	50.1	75.1

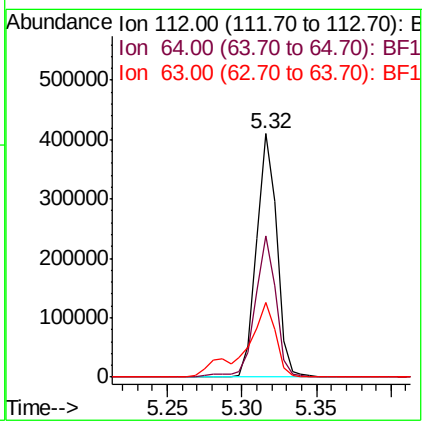


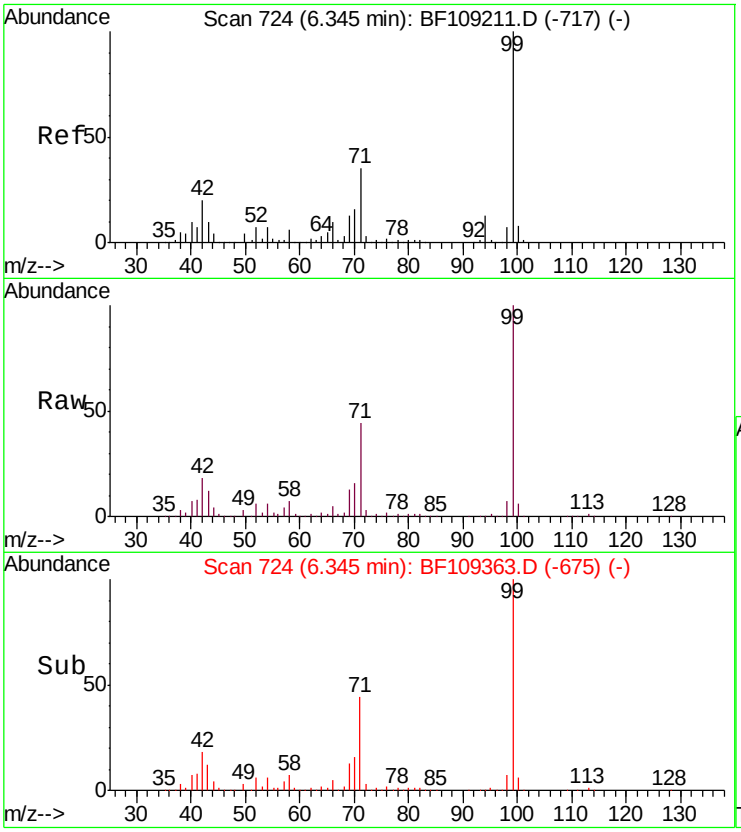


#5
2-Fluorophenol
Concen: 67.705 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:112 Resp: 380993

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.4	23.7	35.5



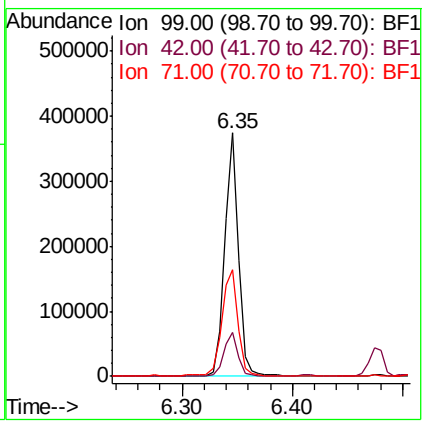


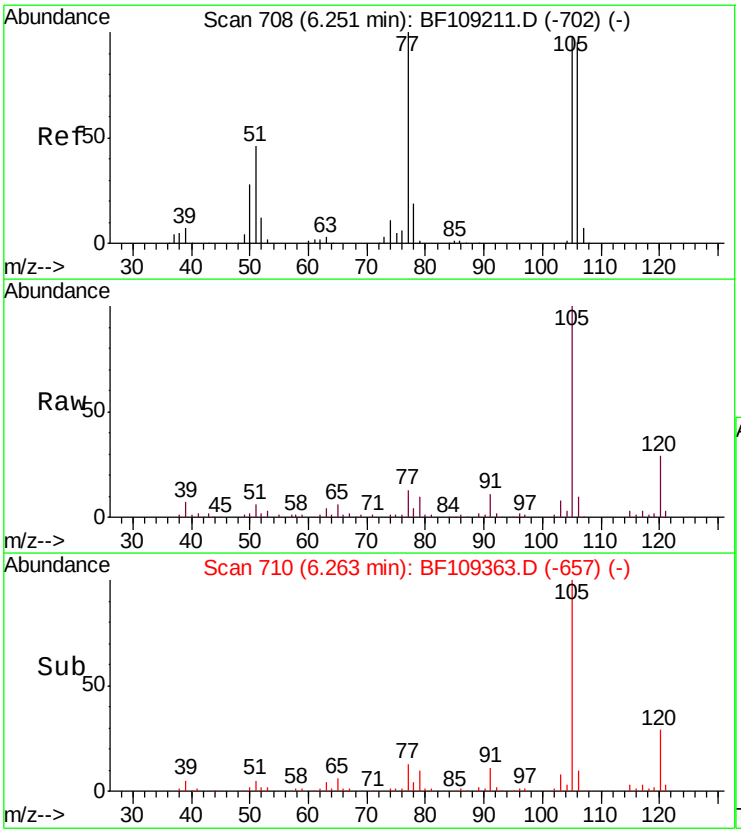
#7
Phenol-d6
Concen: 45.608 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion: 99 Resp: 327493

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	43.9	25.4	38.0#

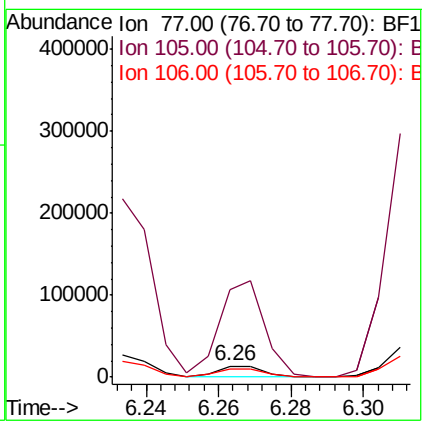


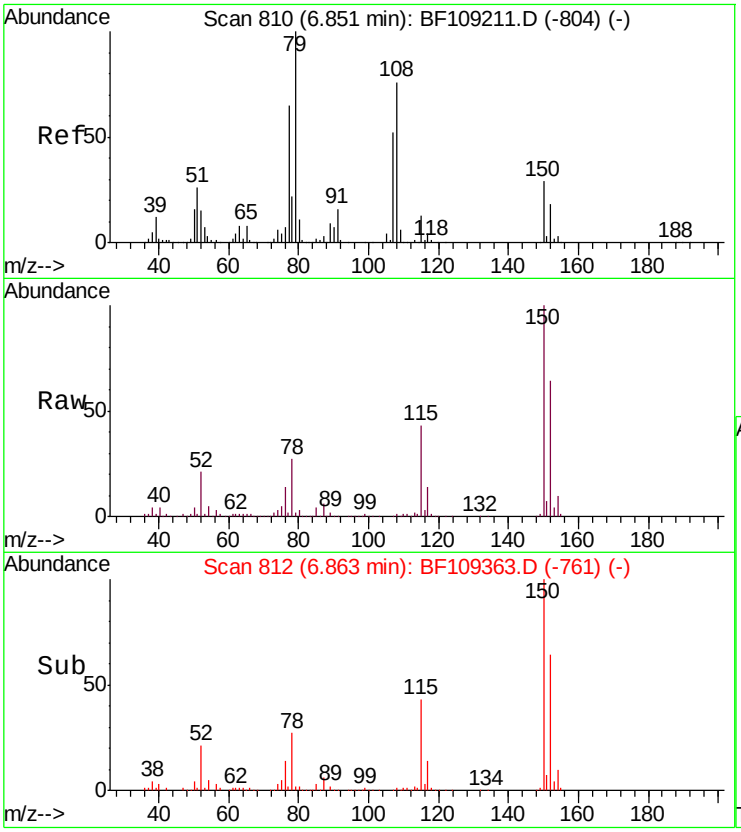


#9
Benzaldehyde
Concen: 2.527 ng
RT: 6.26 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion: 77 Resp: 11656

Ion	Ratio	Lower	Upper
77	100		
105	798.9	81.1	121.1#
106	76.8	74.5	114.5



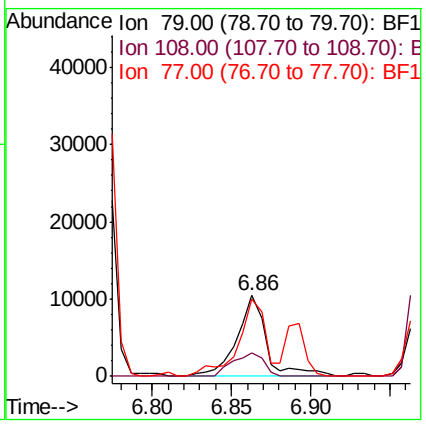


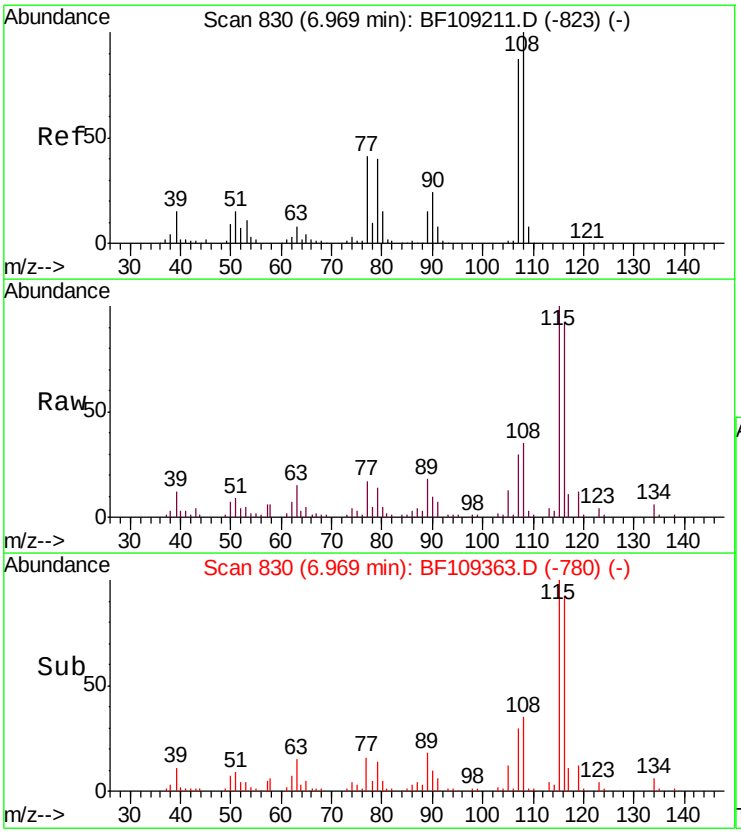
#15
Benzyl Alcohol
Concen: 2.458 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion: 79 Resp: 13512

Ion	Ratio	Lower	Upper
79	100		
108	29.2	65.1	97.7#
77	94.8	50.6	75.8#

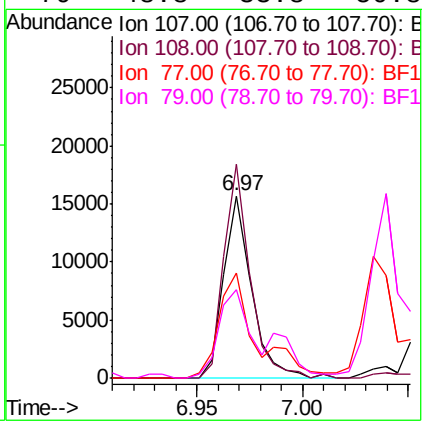


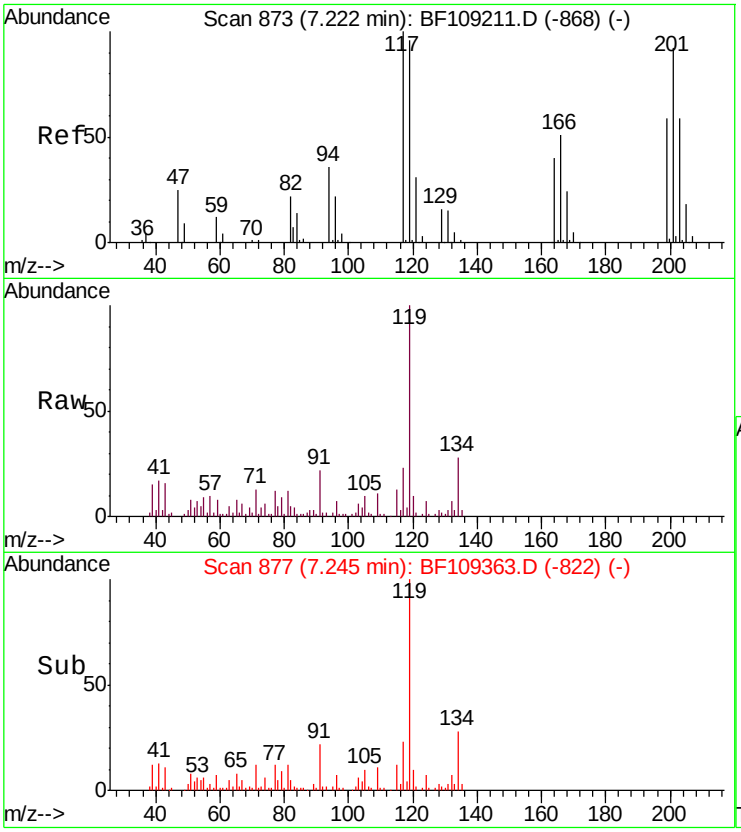


#17
2-Methylphenol
Concen: 2.844 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:107 Resp: 14401

Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.7	137.5
77	57.8	33.8	50.8#
79	48.8	33.8	50.8



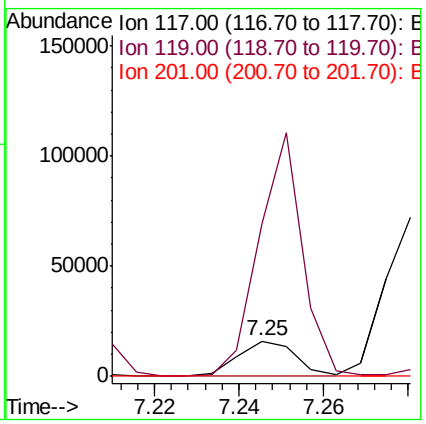


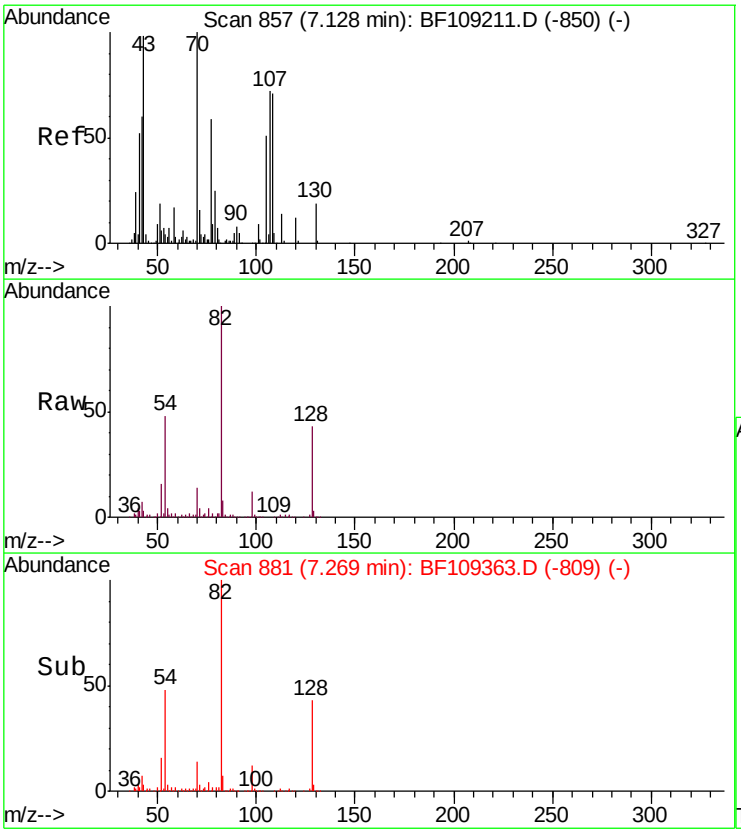
#18
Hexachloroethane
Concen: 6.032 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:117 Resp: 15426

Ion	Ratio	Lower	Upper
117	100		
119	432.3	75.8	113.8#
201	0.0	75.7	113.5#

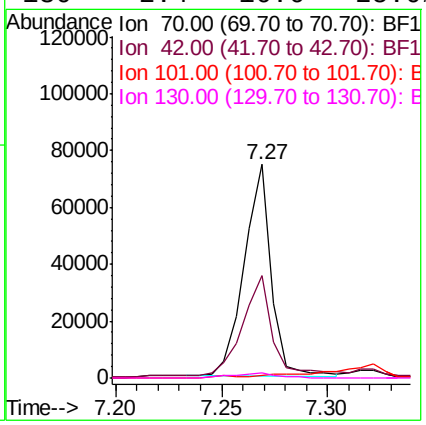


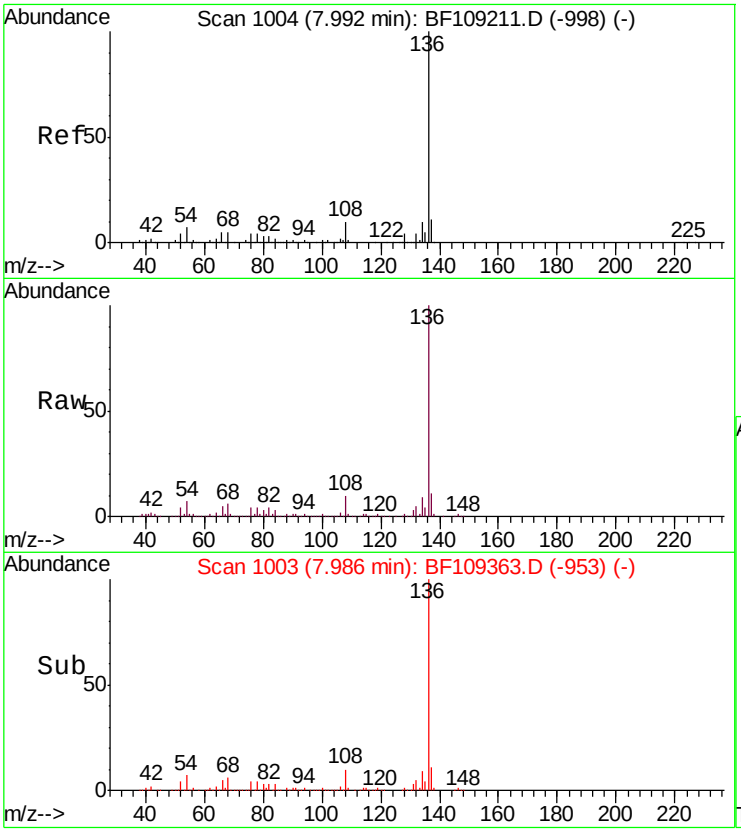


#19
n-Nitroso-di-n-propylamine
Concen: 14.062 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion: 70 Resp: 66162

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.5	71.3
101	1.0	7.4	11.2#
130	2.4	16.6	25.0#



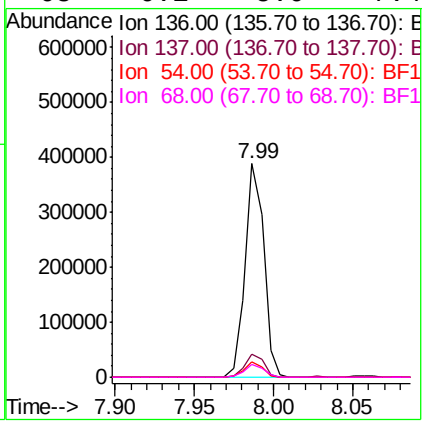


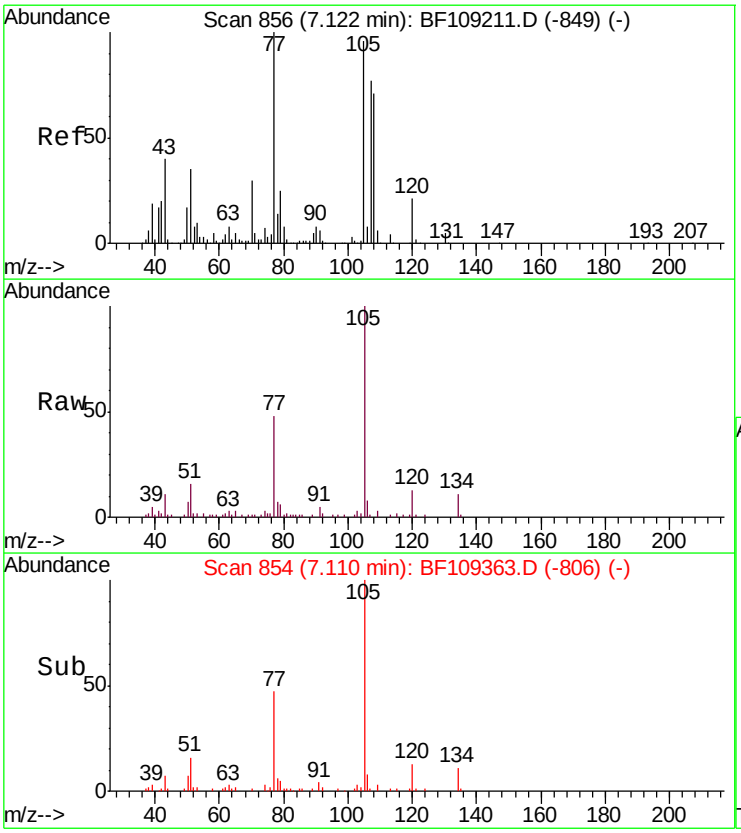
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:136 Resp: 318272

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4

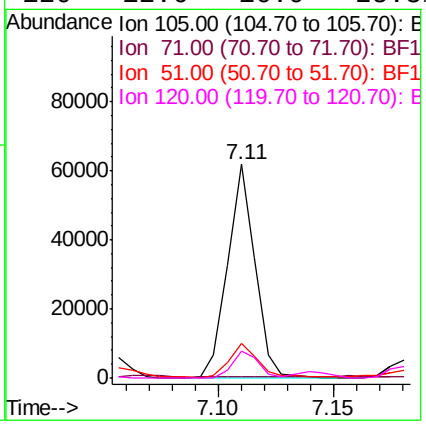


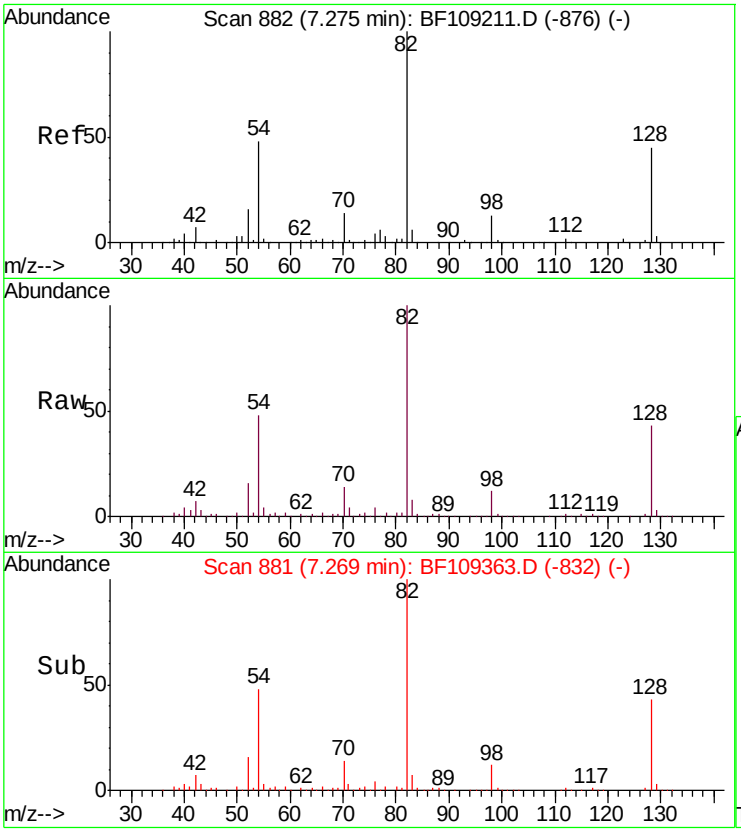


#22
Acetophenone
Concen: 6.957 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:105 Resp: 51193

Ion	Ratio	Lower	Upper
105	100		
71	0.7	4.4	6.6#
51	16.2	22.3	33.5#
120	12.6	16.9	25.3#



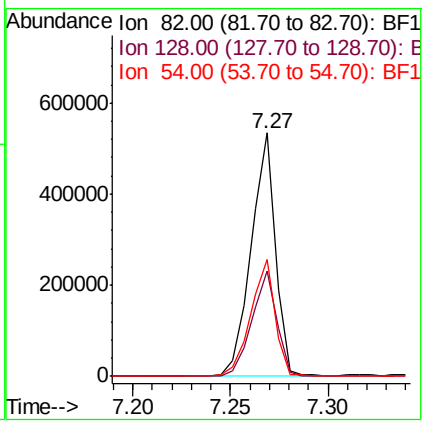


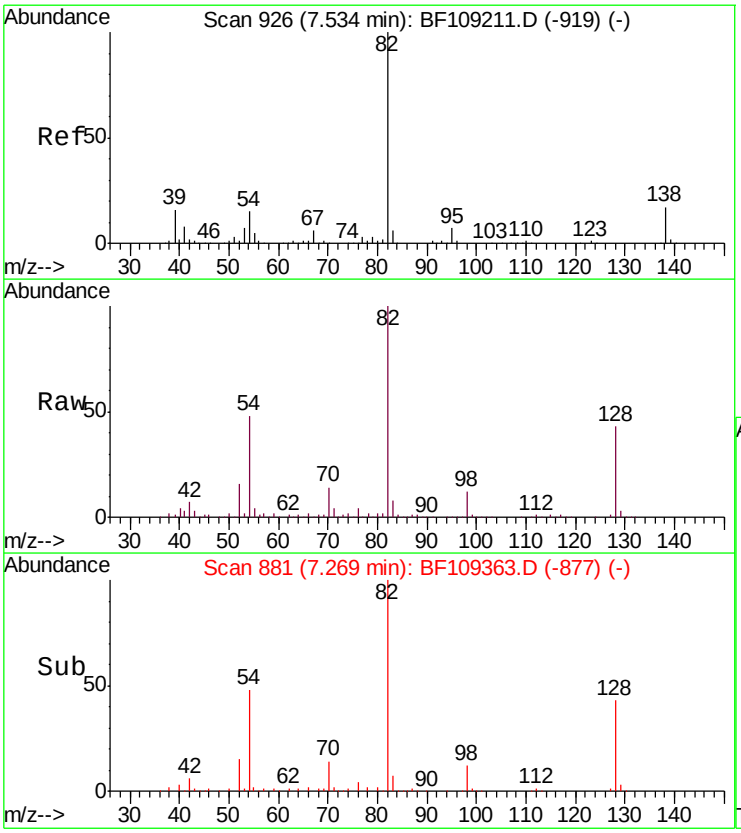
#23
Nitrobenzene-d5
Concen: 85.669 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion: 82 Resp: 461891

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	47.8	41.4	62.2

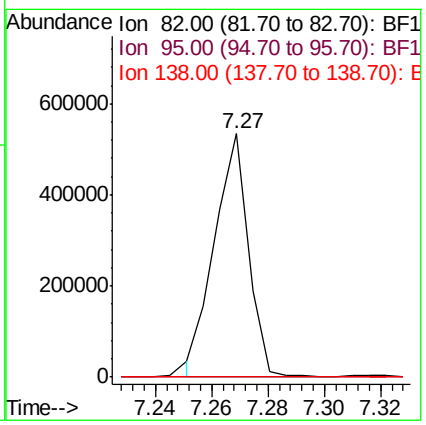


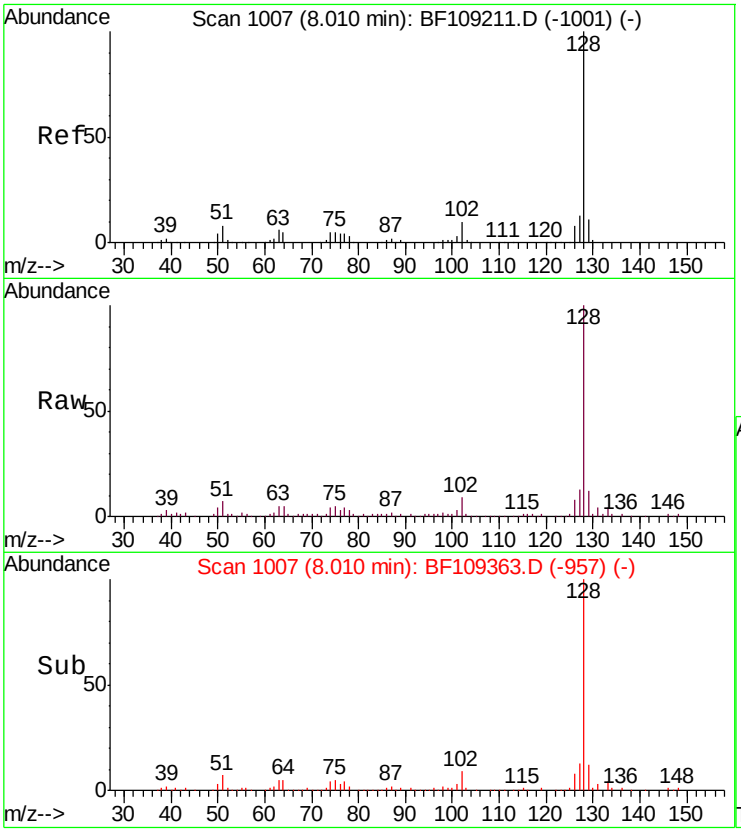


#25
Isophorone
Concen: 45.407 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion: 82 Resp: 440848

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



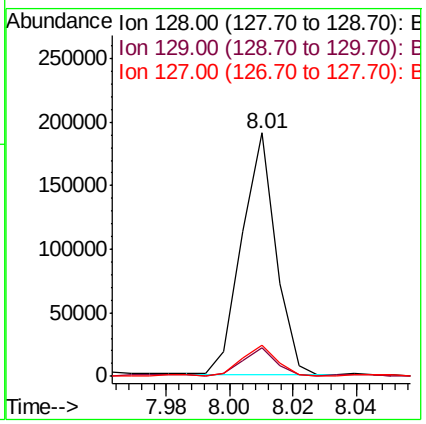


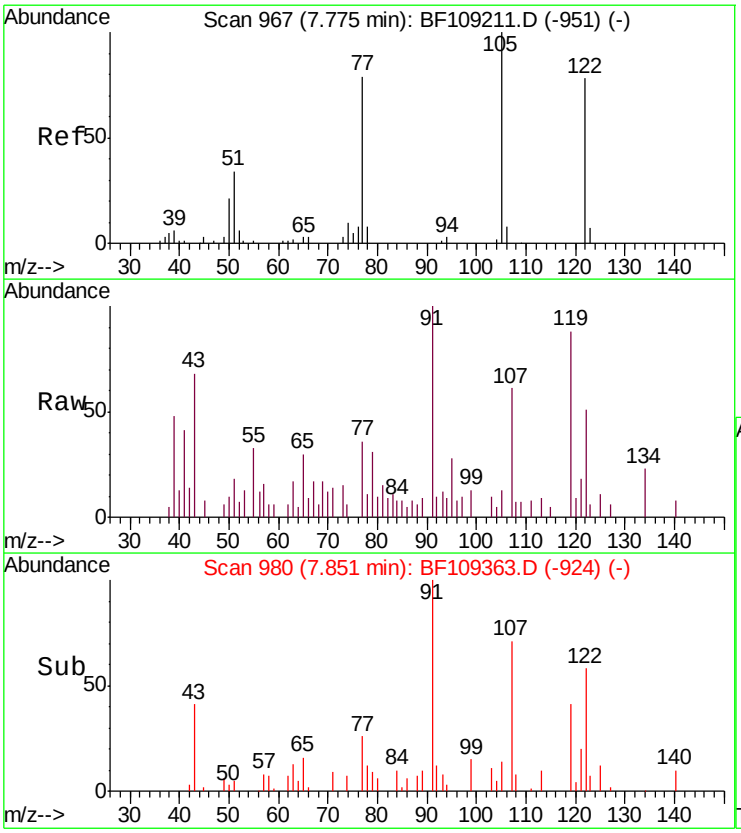
#31
Naphthalene
Concen: 9.539 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:128 Resp: 141870

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.0	10.9	16.3

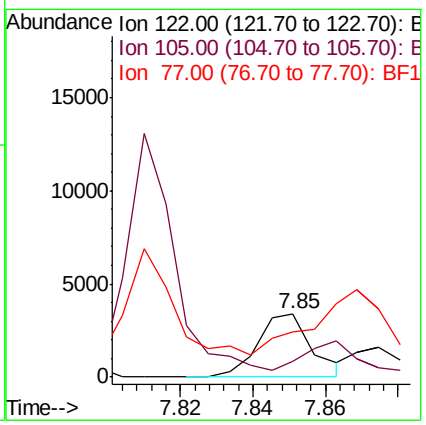


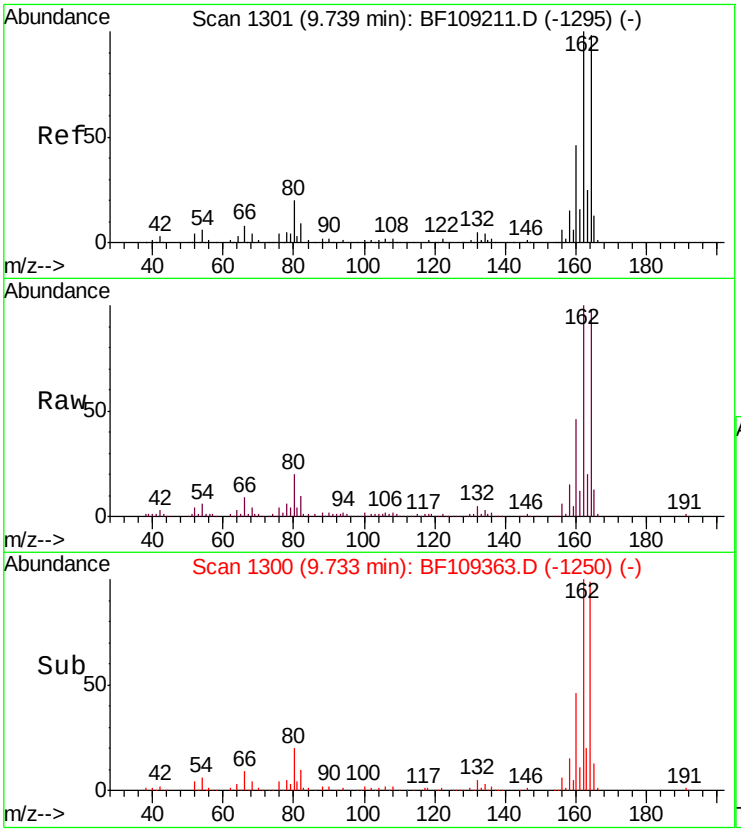


#32
Benzoic acid
Concen: 7.846 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:122 Resp: 3514

Ion	Ratio	Lower	Upper
122	100		
105	24.7	101.1	141.1#
77	71.8	70.7	110.7



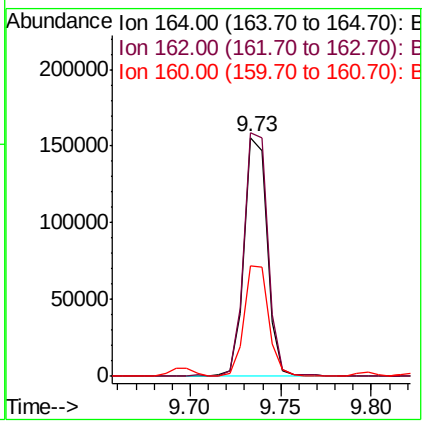


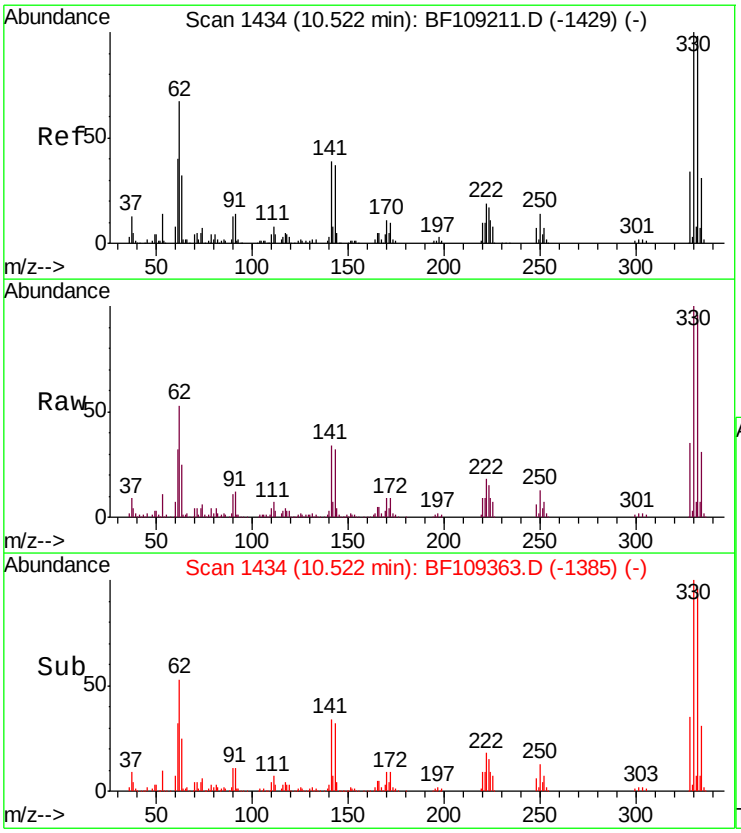
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:164 Resp: 138062

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.6	38.3	57.5

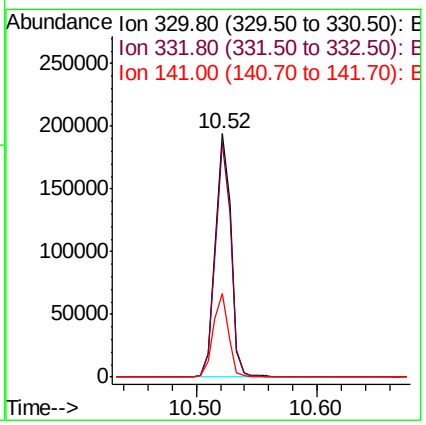


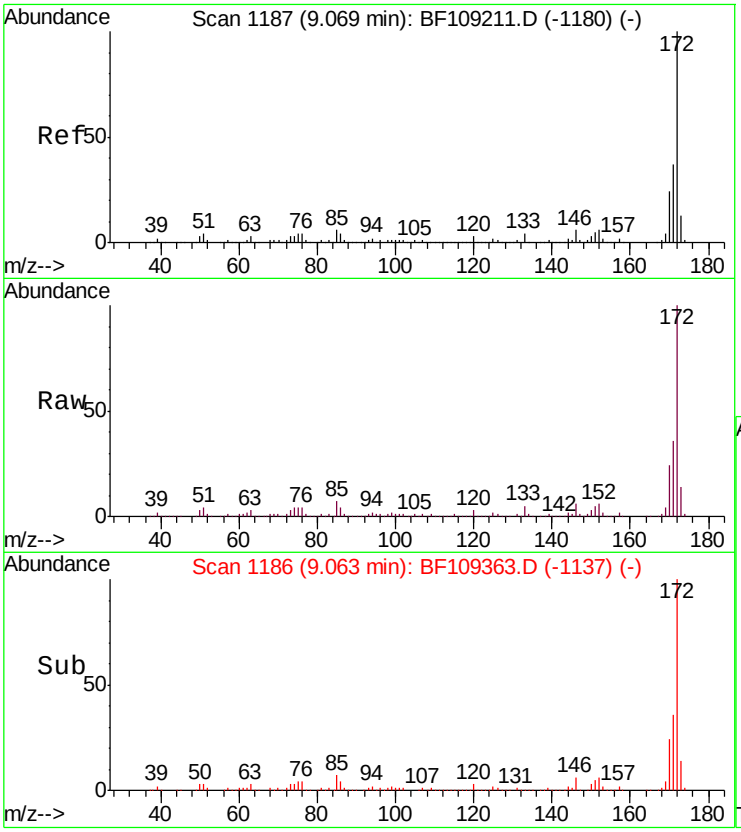


#41
2,4,6-Tribromophenol
Concen: 125.556 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:330 Resp: 170882

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.6	29.9	44.9



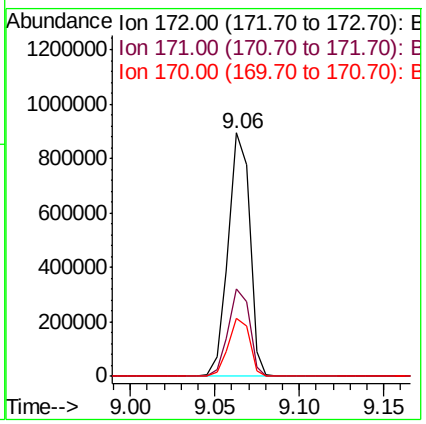


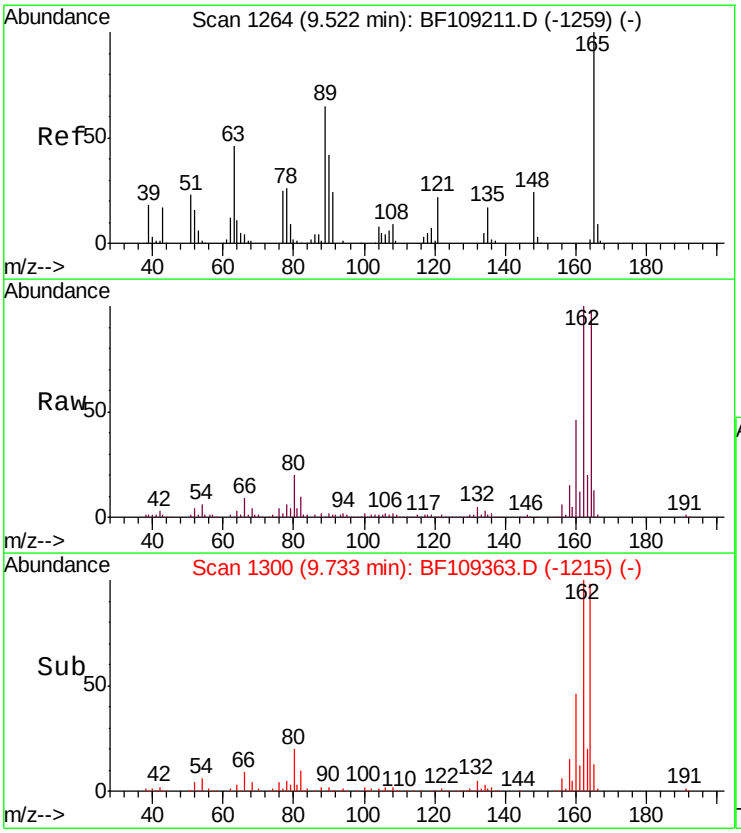
#44
2-Fluorobiphenyl
Concen: 86.390 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:172 Resp: 790826

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

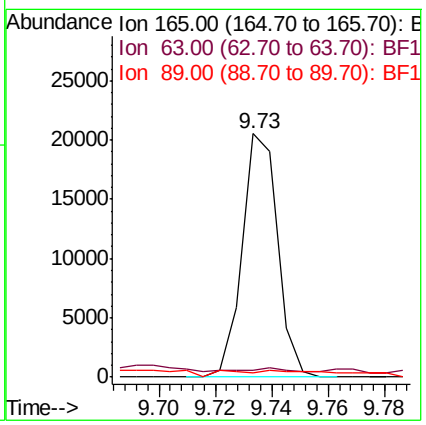


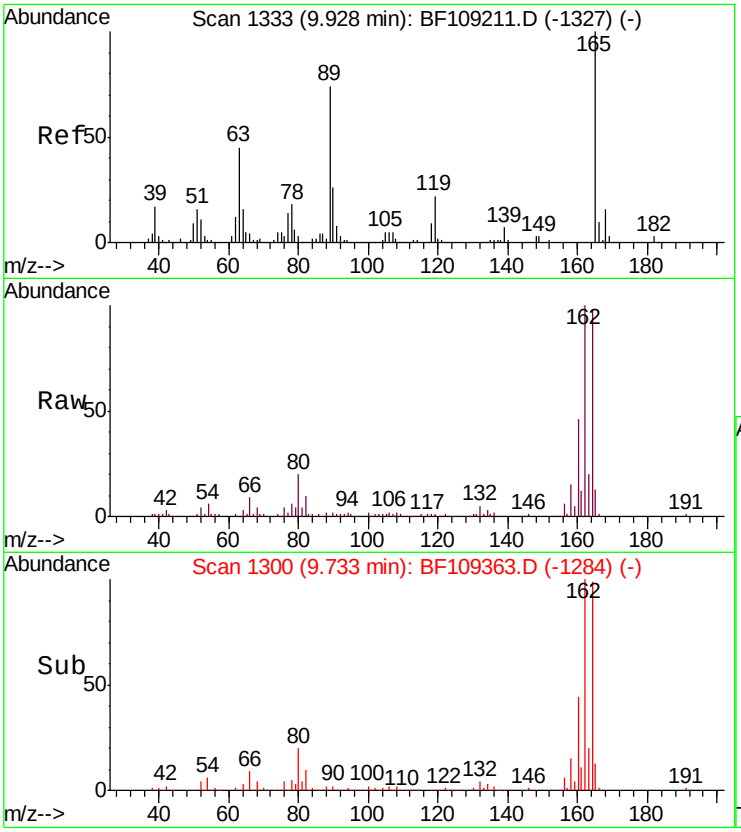


#50
2,6-Dinitrotoluene
Concen: 8.975 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:165 Resp: 17850

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.7	67.1#
89	2.0	44.0	66.0#



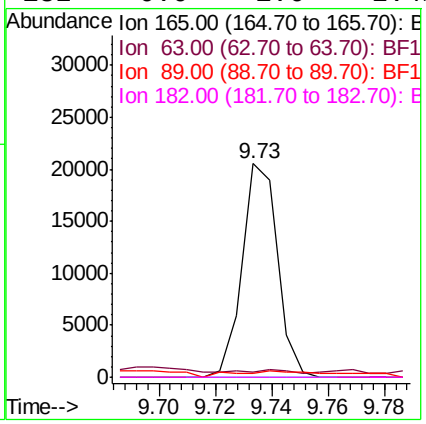


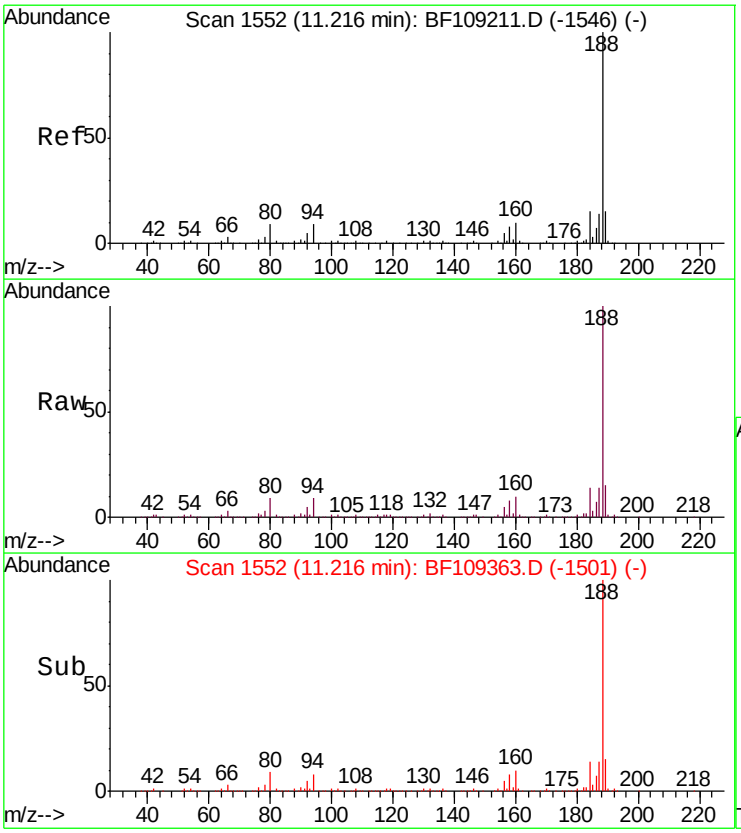
#56
2,4-Dinitrotoluene
Concen: 7.093 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:165 Resp: 17850

Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

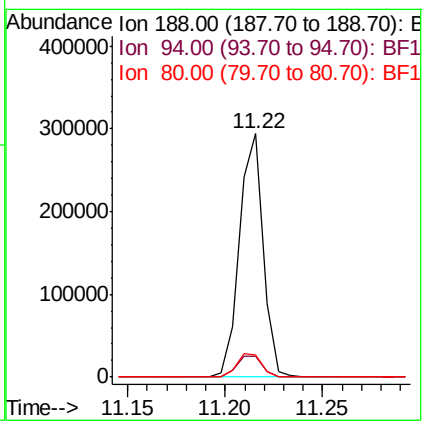


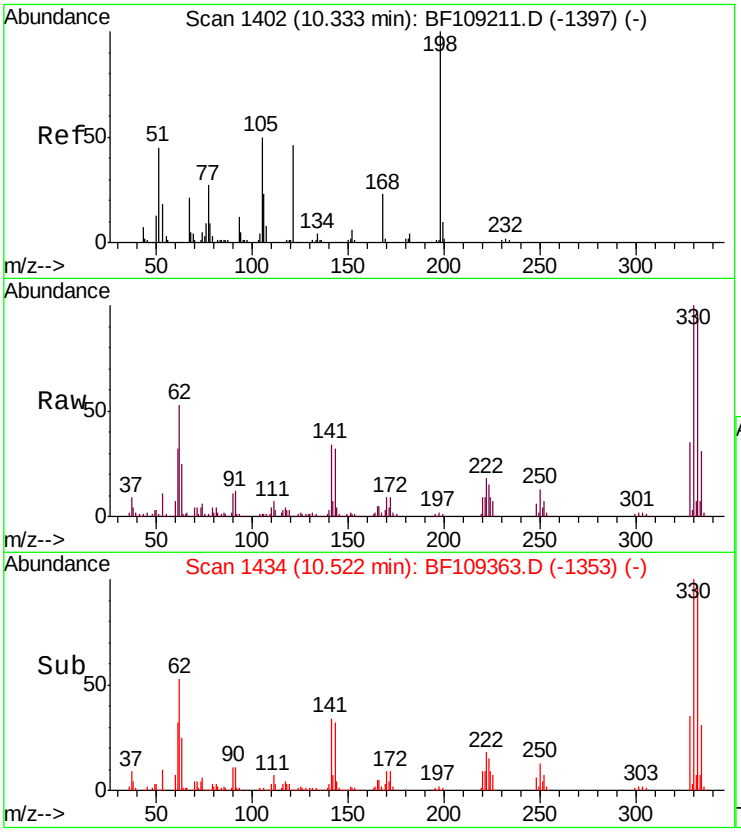


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:188 Resp: 247716

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.9	9.2	13.8#



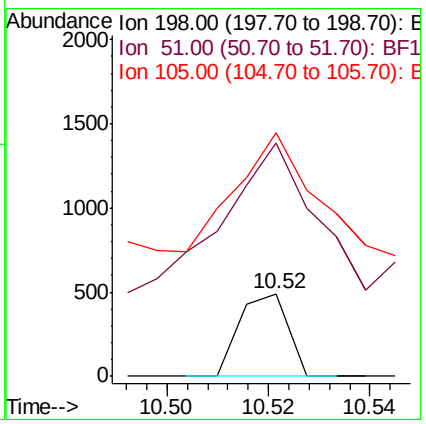


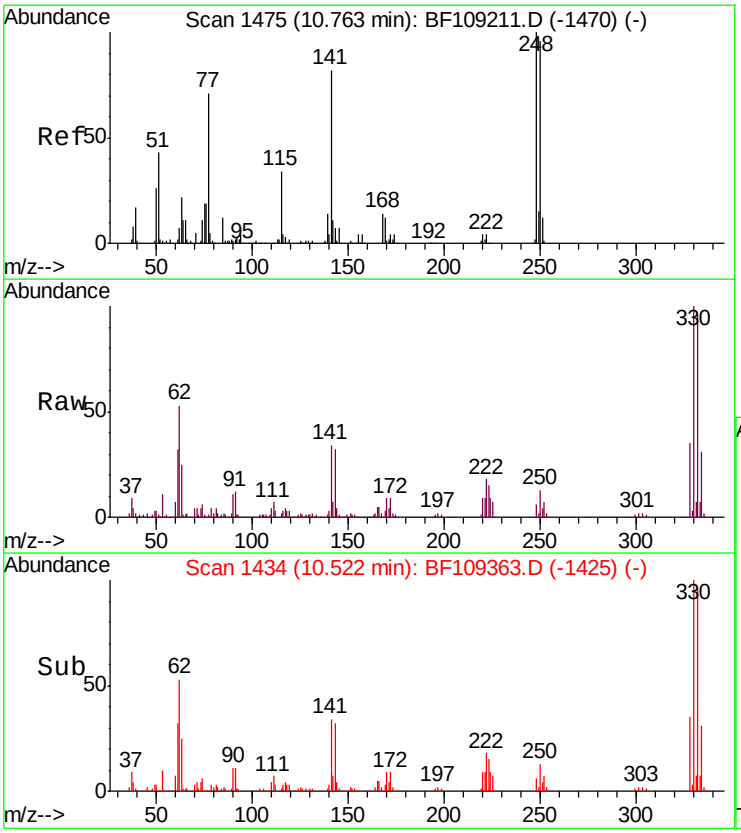
#64
4,6-Dinitro-2-methylphenol
Concen: 6.803 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:198 Resp: 325

Ion	Ratio	Lower	Upper
198	100		
51	281.9	37.7	77.7#
105	294.5	36.3	76.3#

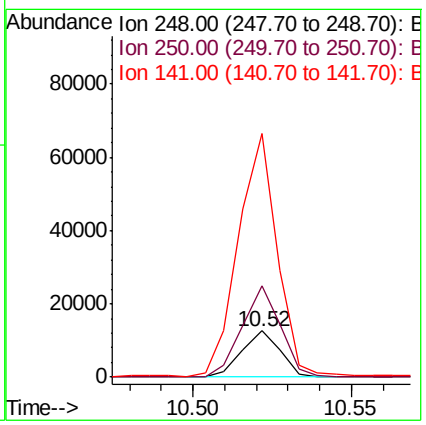


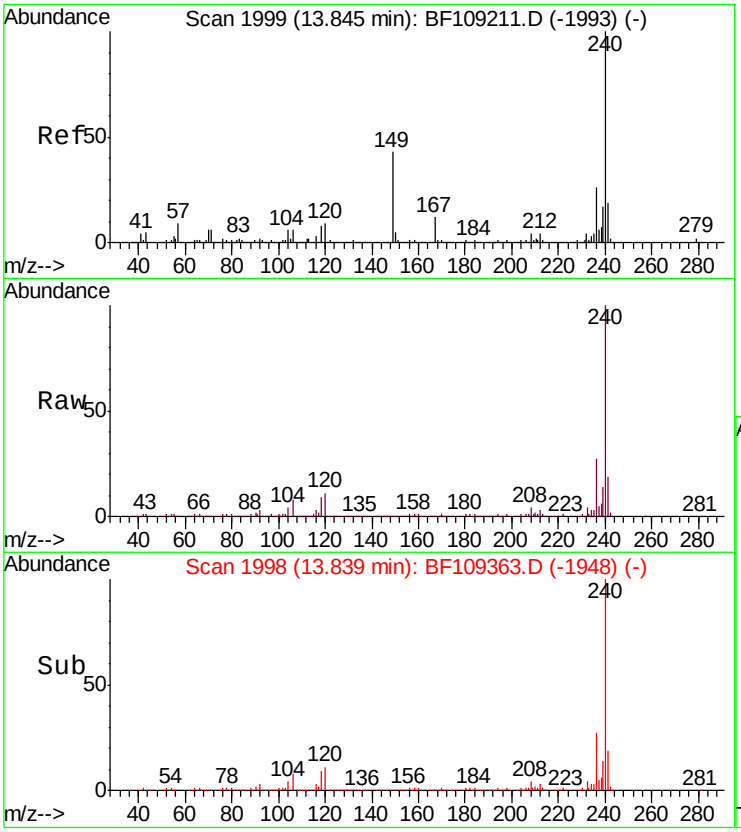


#66
4-Bromophenyl-phenylether
Concen: 3.827 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:248 Resp: 10527

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	528.9	74.4	111.6#



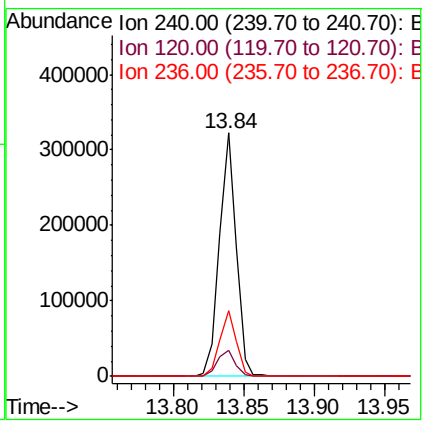


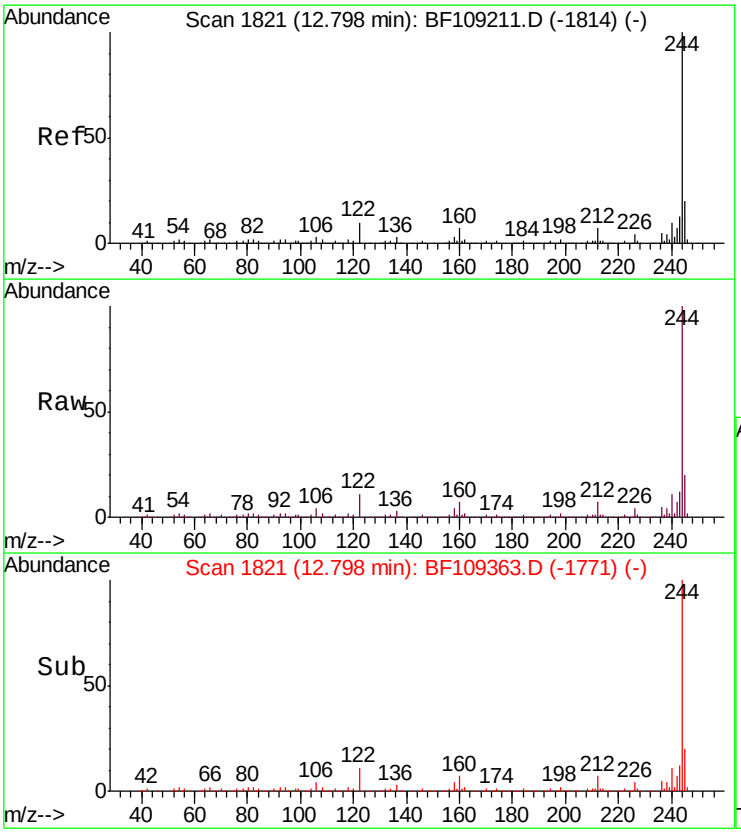
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:240 Resp: 268473

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.8	20.7	31.1

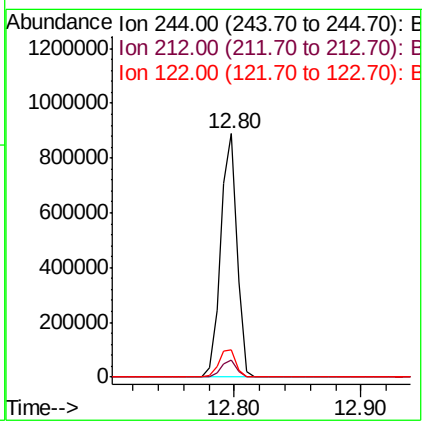


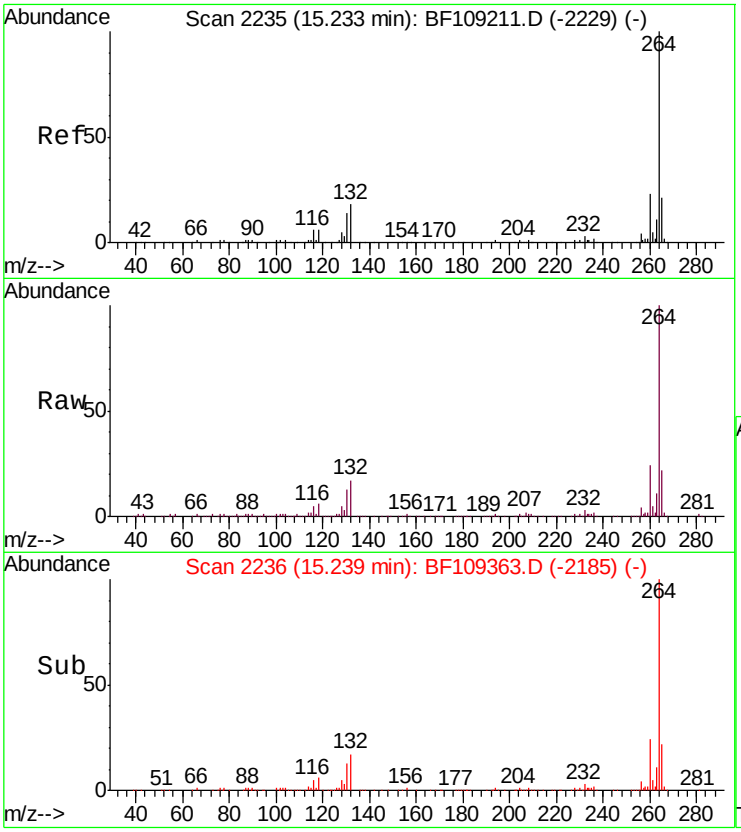


#78
Terphenyl-d14
Concen: 72.819 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:244 Resp: 796604

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tgt Ion:264 Resp: 238150

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3