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

Quantitation Report (Not Reviewed)

Data File : BF109361.D
Acq On : 27 Sep 2018 2:44
Operator : JU/SJ
Sample : J5053-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Time: Sep 27 05:42:49 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	93966	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	311414	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	144409	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	245098	20.00	ng	0.00
75) Chrysene-d12	13.84	240	266364	20.00	ng	0.00
86) Perylene-d12	15.24	264	223408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	399866	70.09	ng	0.00
7) Phenol-d6	6.35	99	346054	47.54	ng	-0.01
23) Nitrobenzene-d5	7.27	82	447060	84.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	167678	117.79	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	782242	81.70	ng	0.00
78) Terphenyl-d14	12.80	244	801047	73.81	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.20	117	13717	5.291	ng	# 1
22) Acetophenone	7.11	105	159058	22.092	ng	# 58
24) Nitrobenzene	7.29	77	25149	4.484	ng	# 6
25) Isophorone	7.27	82	400267	42.135	ng	# 64
31) Naphthalene	8.01	128	47601	3.271	ng	# 58
32) Benzoic acid	7.85	122	879	7.065	ng	# 1
47) 2-Nitroaniline	9.30	65	29009	10.885	ng	# 22
53) 2,4-Dinitrophenol	9.89	184	109	8.634	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.53	198	365	6.841	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10431	3.833	ng	# 1

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

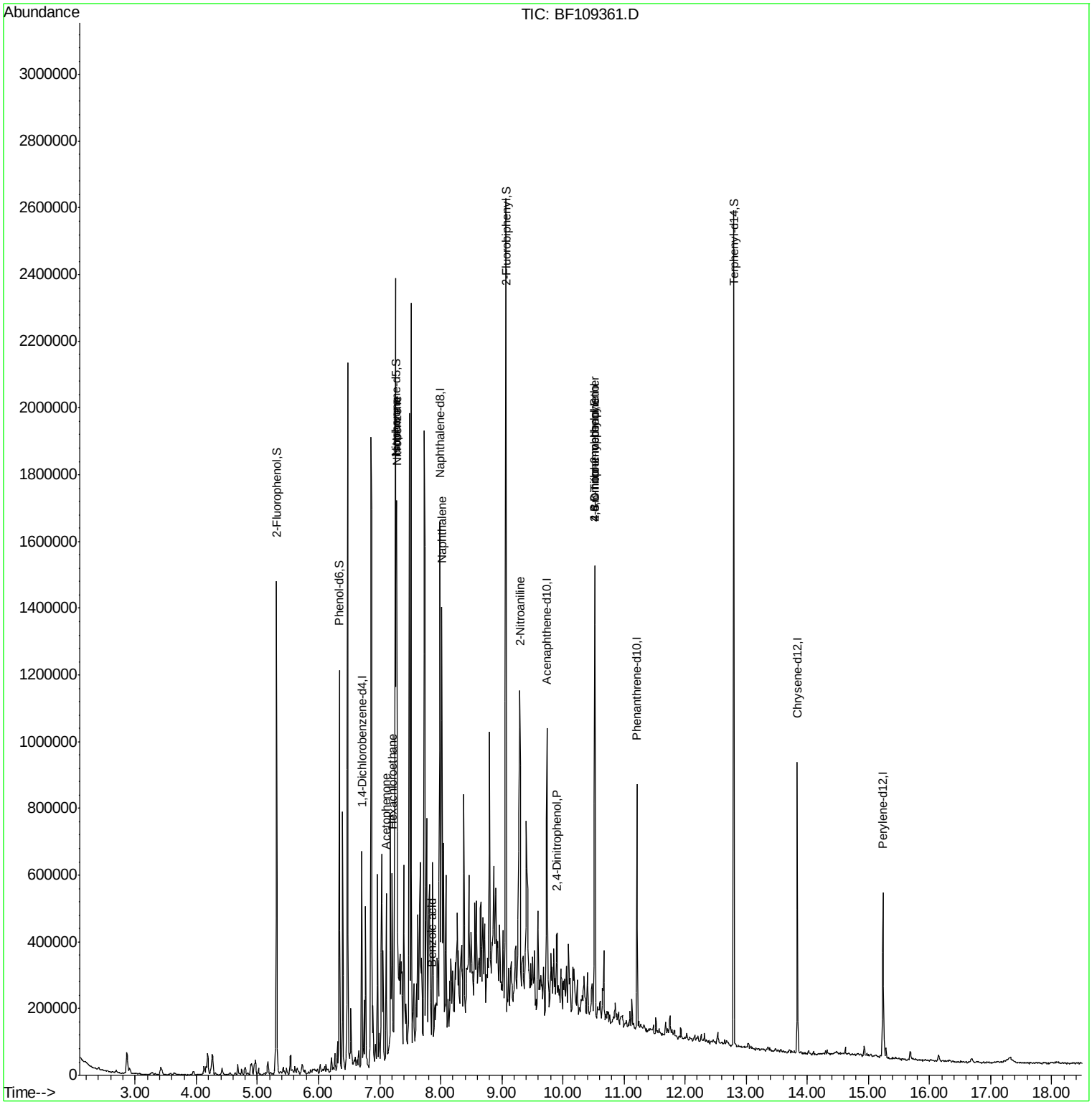
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

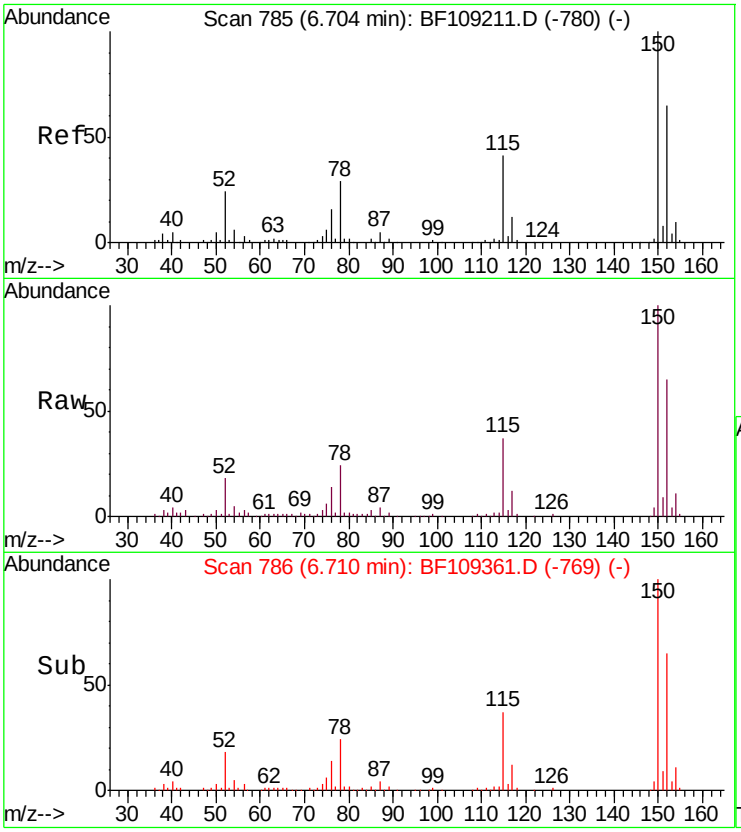
Quantitation Report (Not Reviewed)

Data File : BF109361.D
Acq On : 27 Sep 2018 2:44
Operator : JU/SJ
Sample : J5053-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Quant Time: Sep 27 05:42:49 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



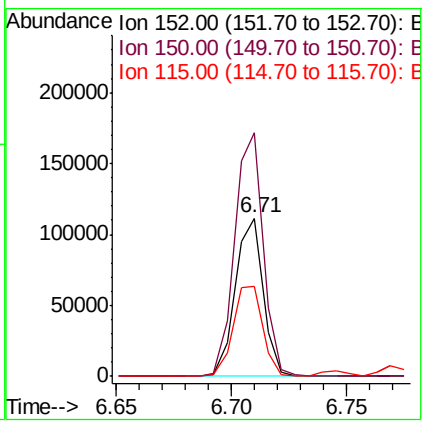


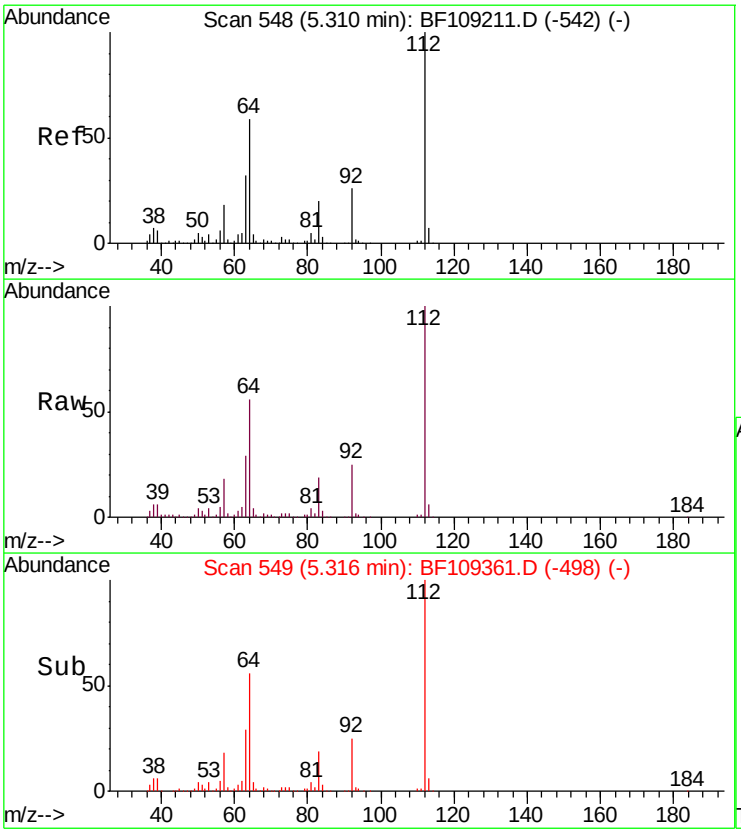
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:152 Resp: 93966

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	56.8	50.1	75.1

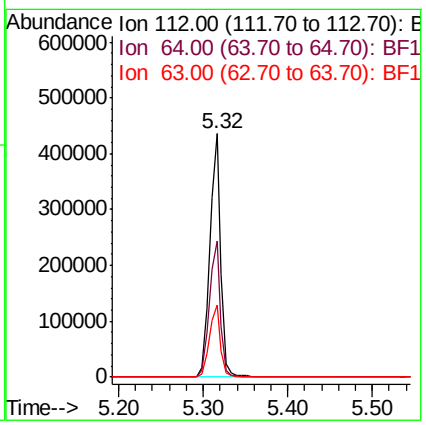


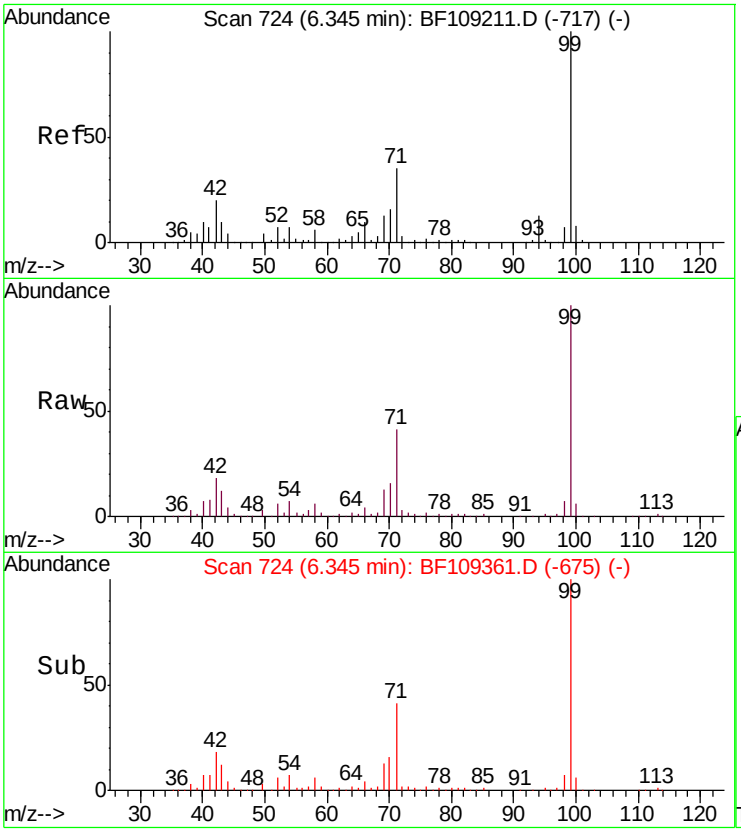


#5
2-Fluorophenol
Concen: 70.090 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:112 Resp: 399866

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	29.5	23.7	35.5



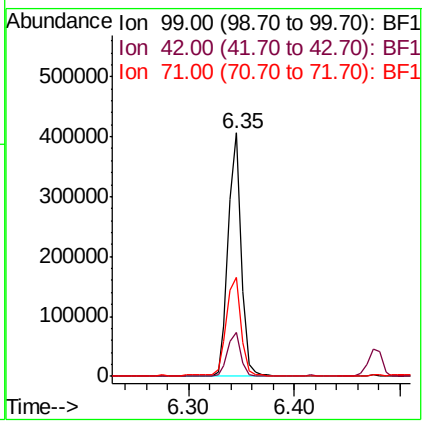


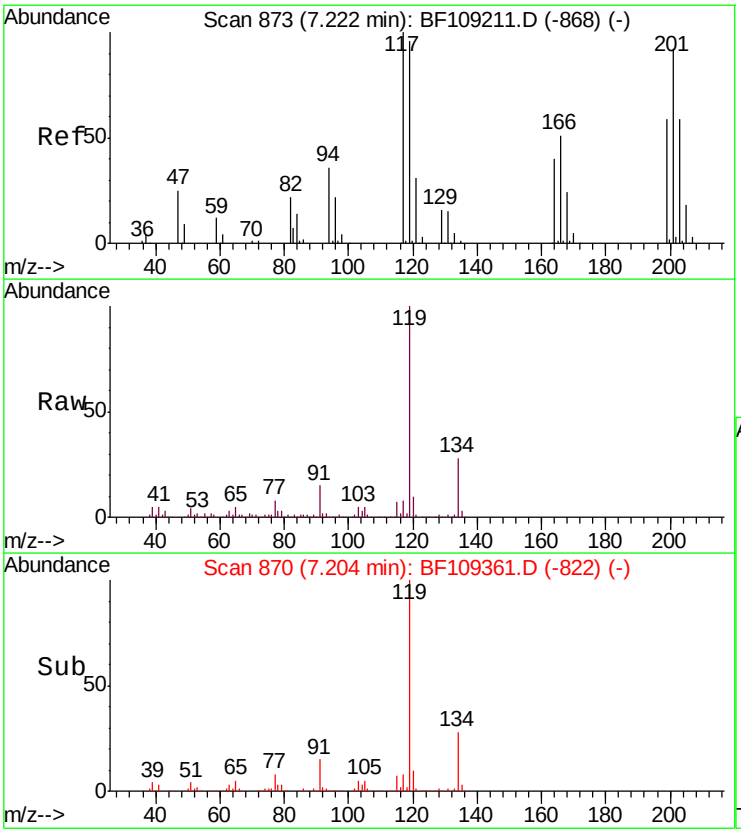
#7
Phenol-d6
Concen: 47.536 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 99 Resp: 346054

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	40.9	25.4	38.0#

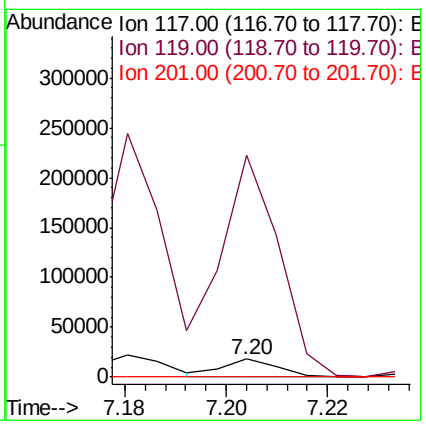


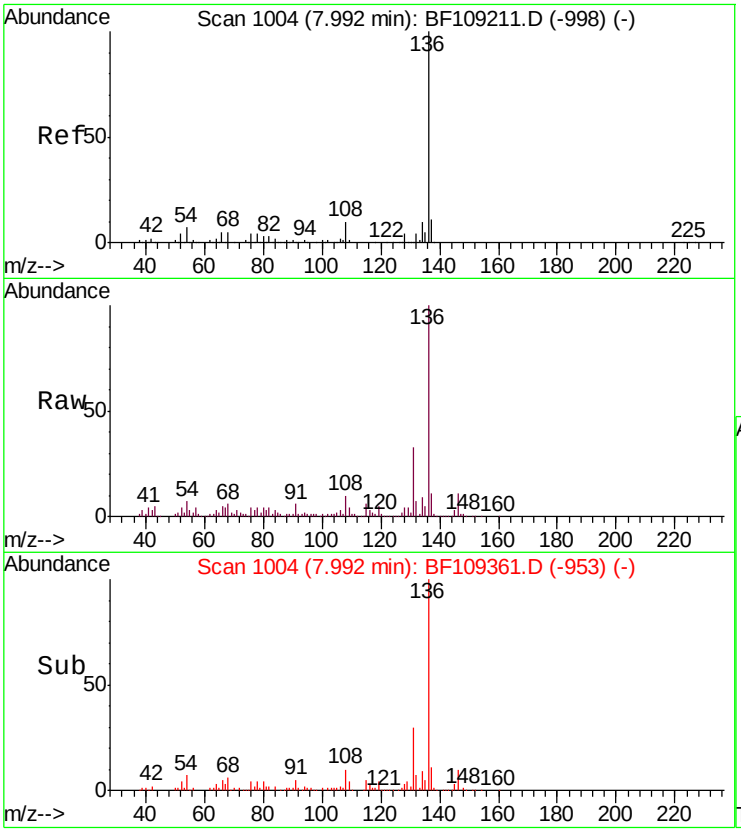


#18
Hexachloroethane
Concen: 5.291 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:117 Resp: 13717

Ion	Ratio	Lower	Upper
117	100		
119	1237.2	75.8	113.8#
201	0.0	75.7	113.5#



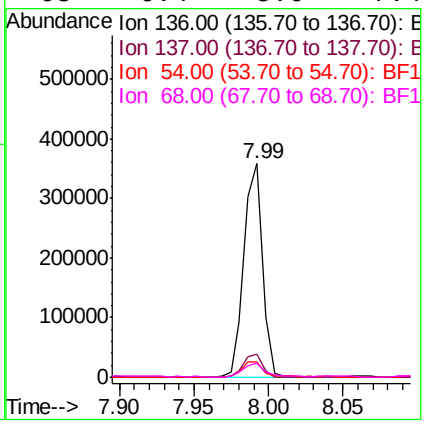


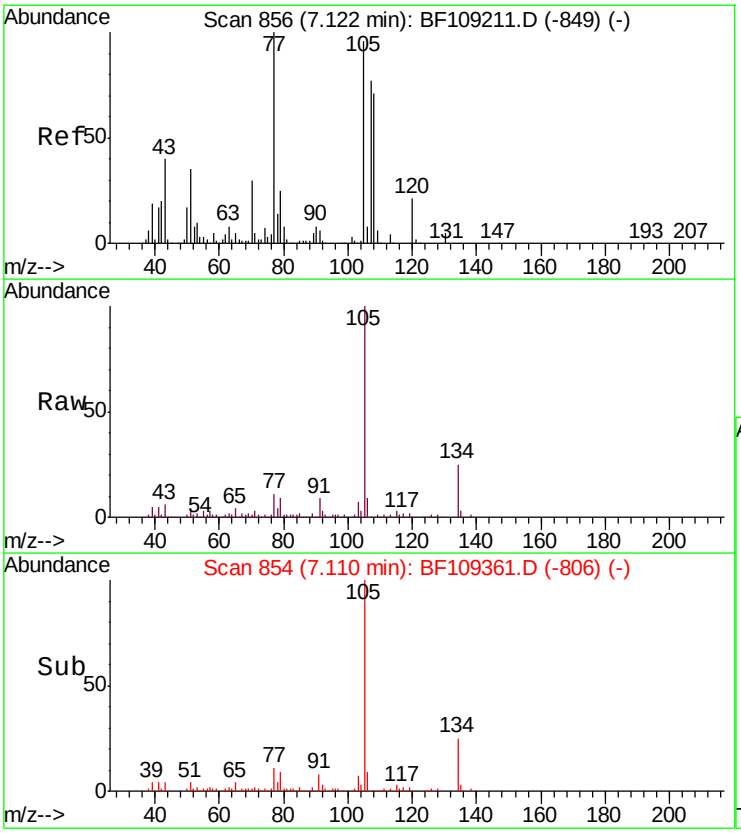
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:136 Resp: 311414

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4

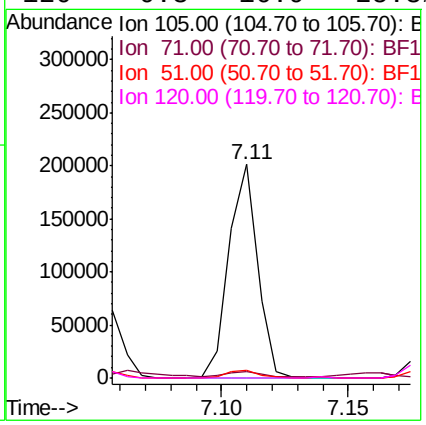


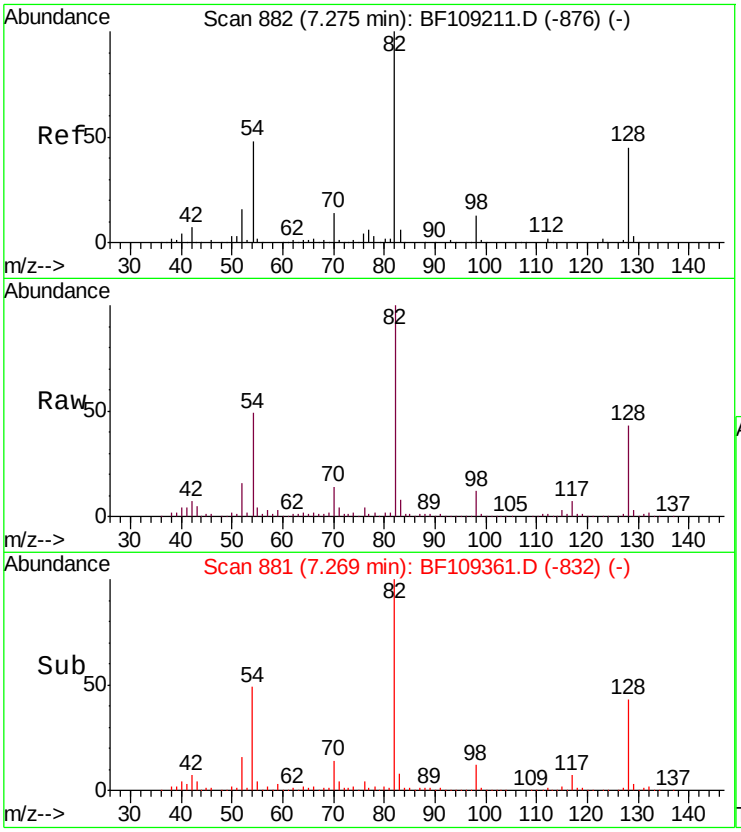


#22
Acetophenone
Concen: 22.092 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:105 Resp: 159058

Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.4	6.6#
51	3.7	22.3	33.5#
120	0.3	16.9	25.3#



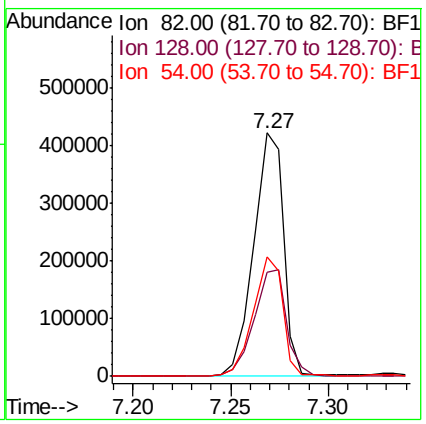


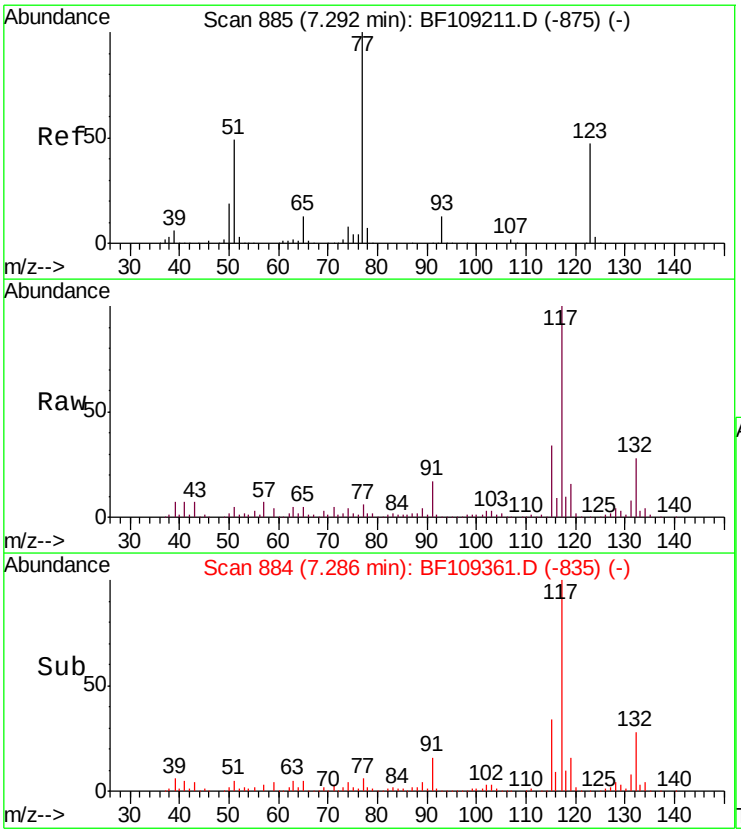
#23
Nitrobenzene-d5
Concen: 84.745 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 82 Resp: 447060

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	49.2	41.4	62.2

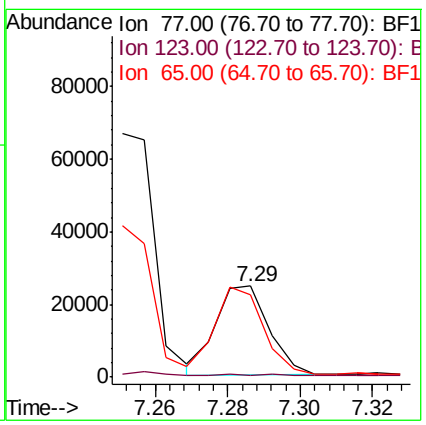


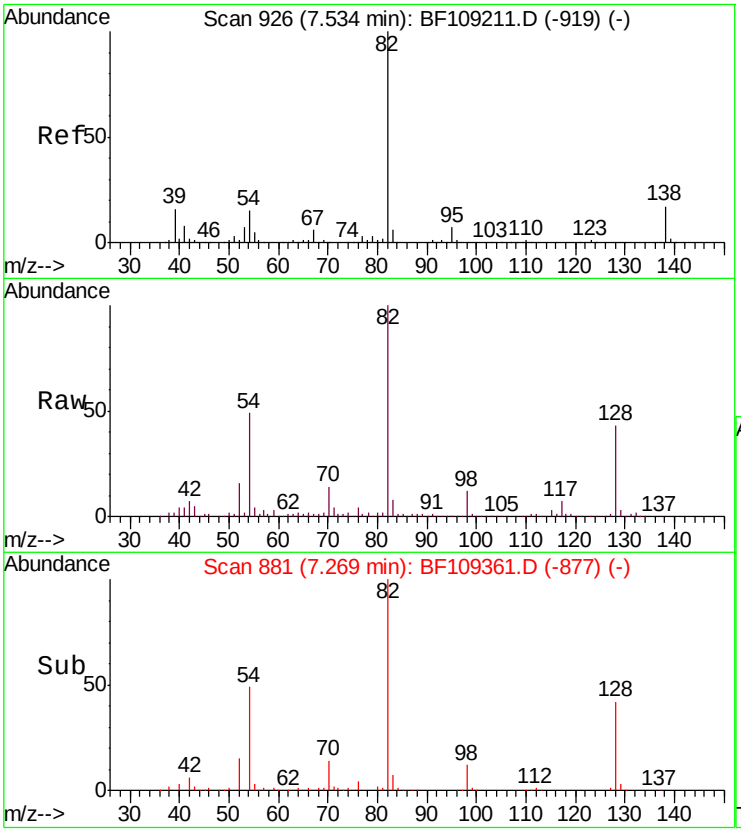


#24
Nitrobenzene
Concen: 4.484 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion: 77 Resp: 25149

Ion	Ratio	Lower	Upper
77	100		
123	2.2	37.9	56.9#
65	89.6	11.0	16.4#



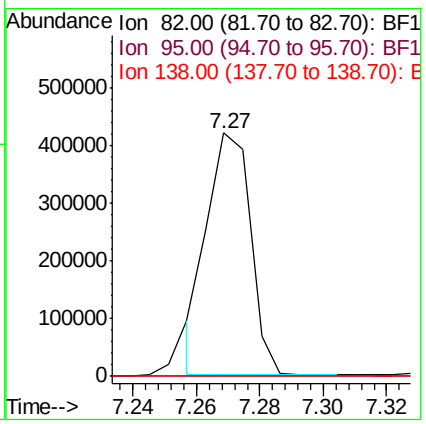


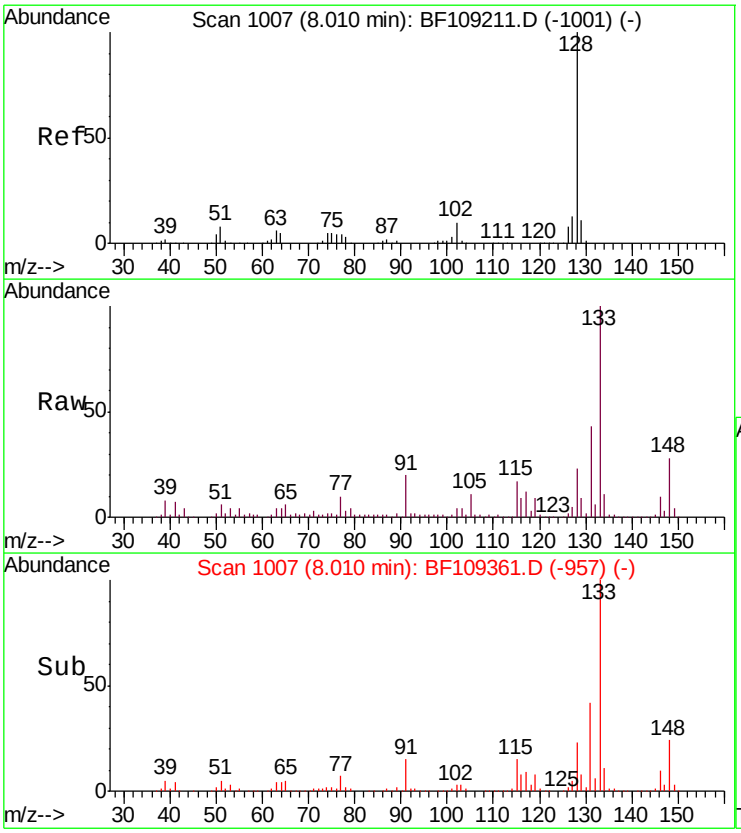
#25
Isophorone
Concen: 42.135 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 82 Resp: 400267

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

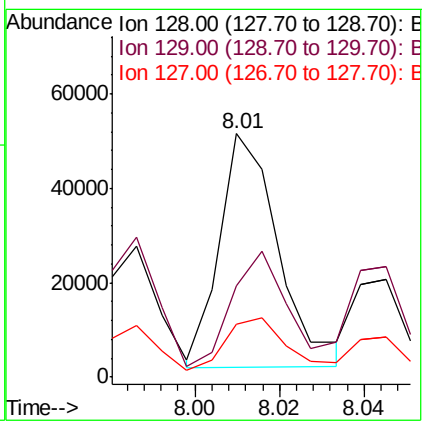


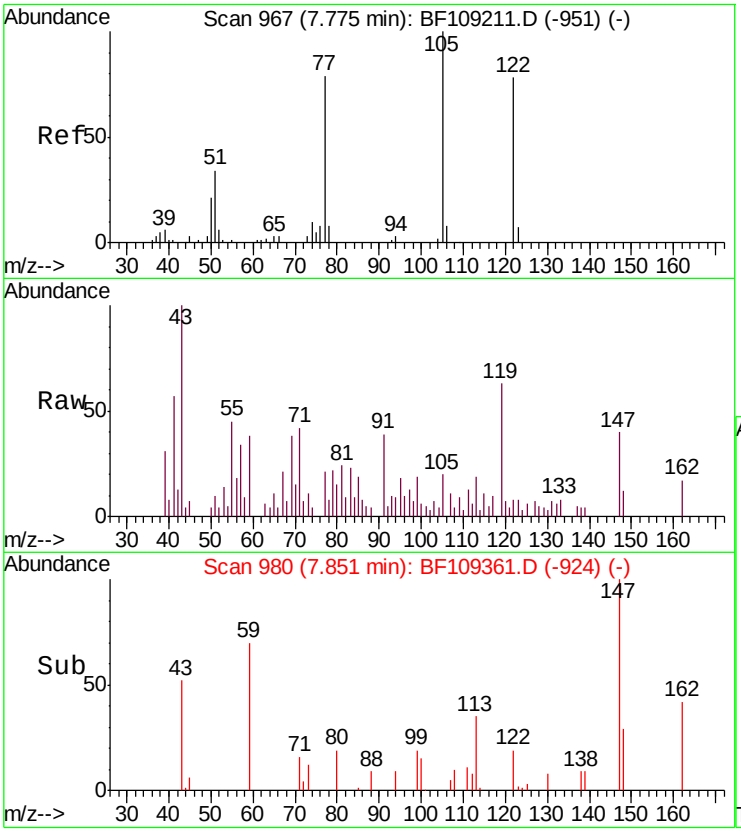


#31
Naphthalene
Concen: 3.271 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:128 Resp: 47601

Ion	Ratio	Lower	Upper
128	100		
129	37.7	8.8	13.2#
127	21.5	10.9	16.3#



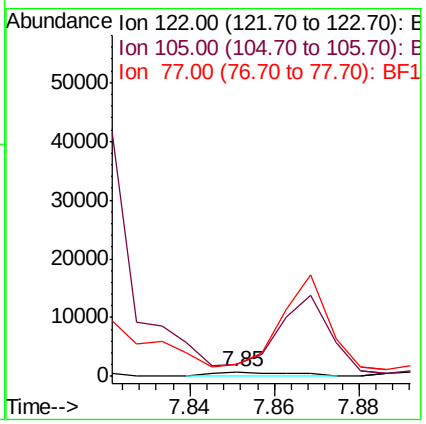


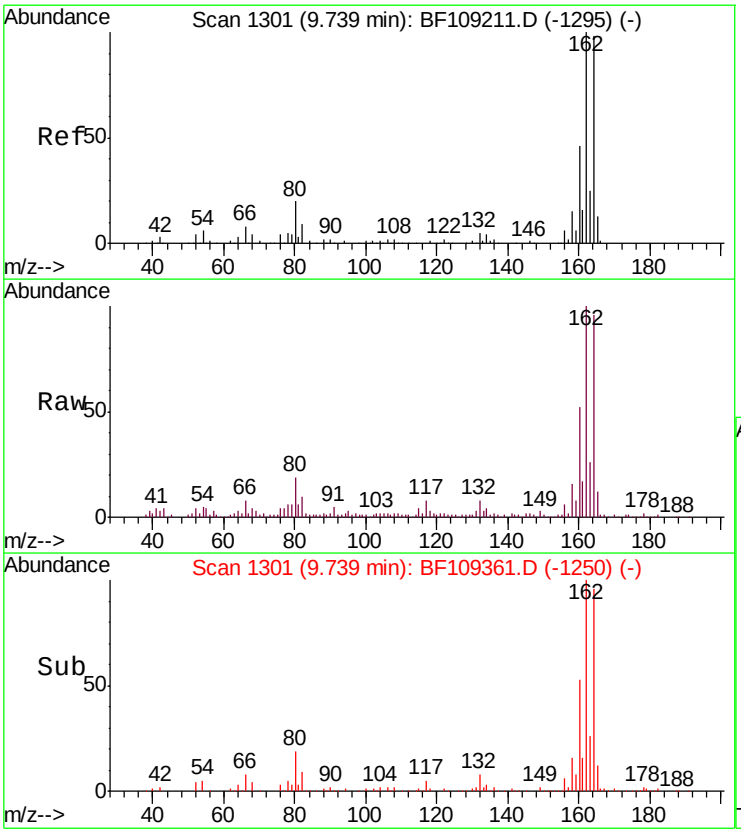
#32
Benzoic acid
Concen: 7.065 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:122 Resp: 879

Ion	Ratio	Lower	Upper
122	100		
105	261.8	101.1	141.1#
77	274.9	70.7	110.7#

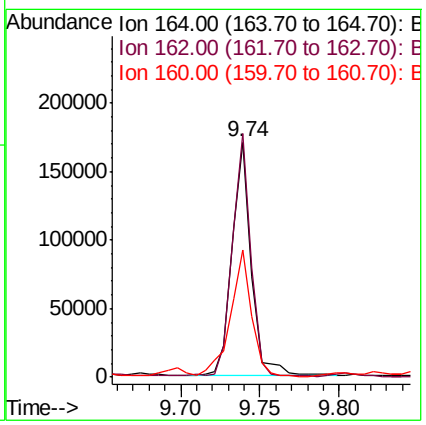


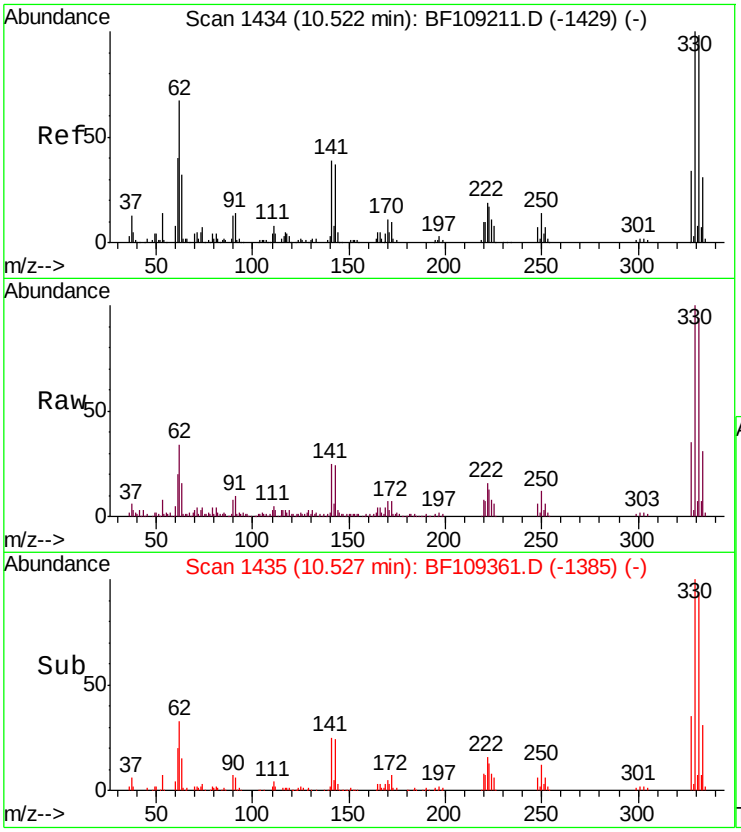


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:164 Resp: 144409

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	54.0	38.3	57.5



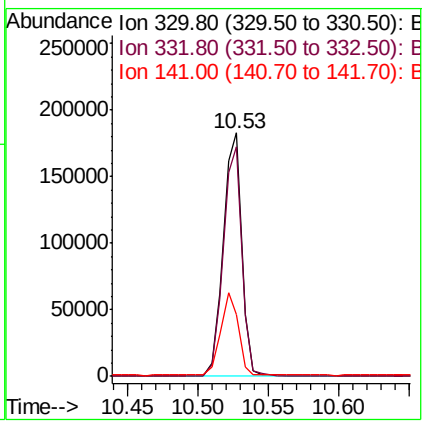


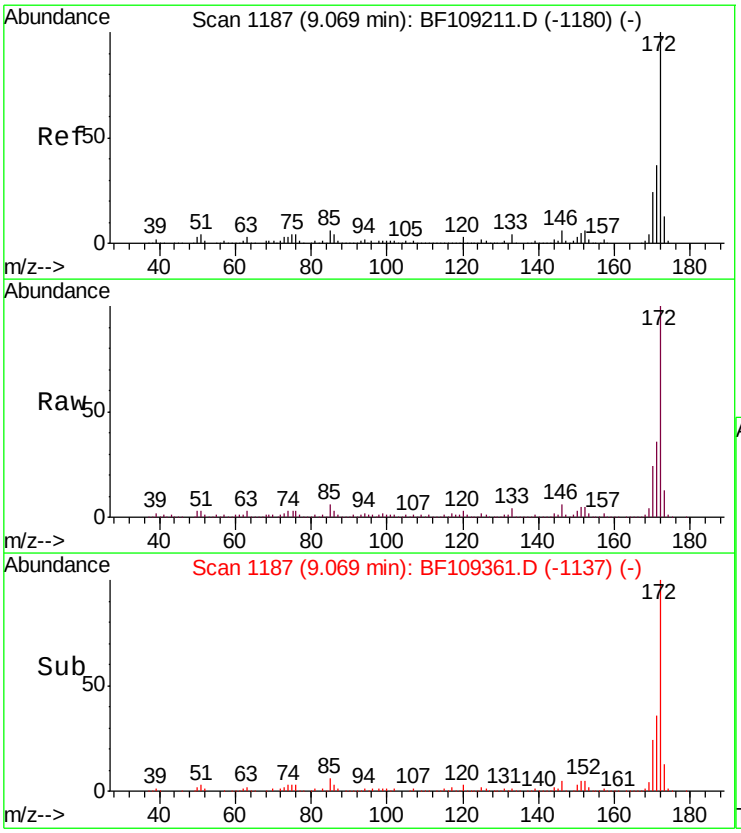
#41
2,4,6-Tribromophenol
Concen: 117.787 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:330 Resp: 167678

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	32.2	29.9	44.9

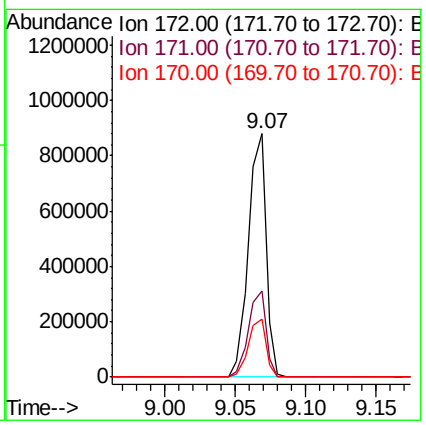


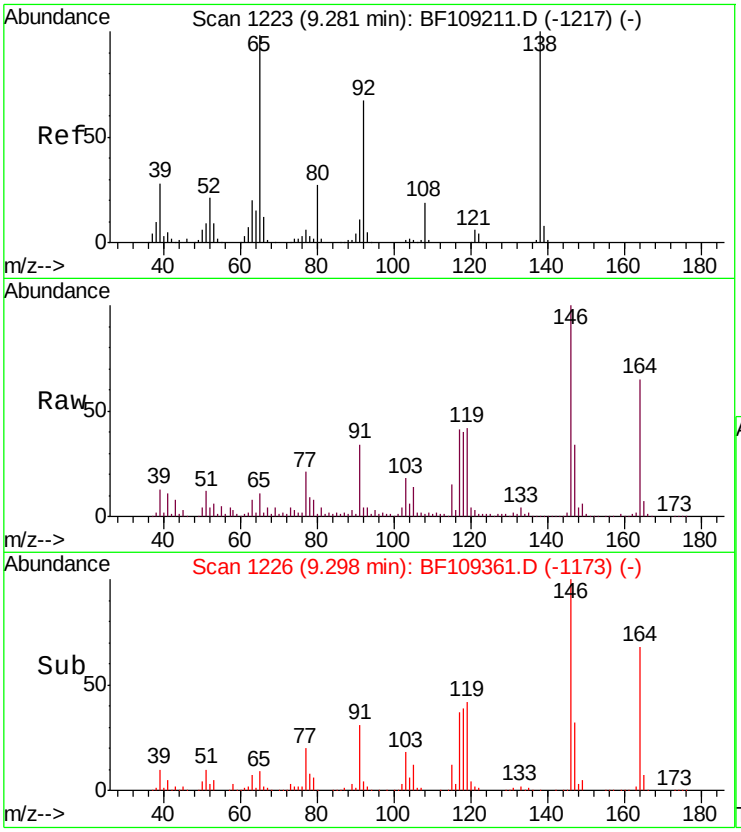


#44
2-Fluorobiphenyl
Concen: 81.697 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:172 Resp: 782242

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



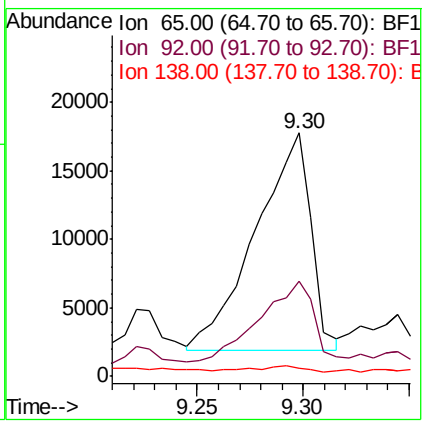


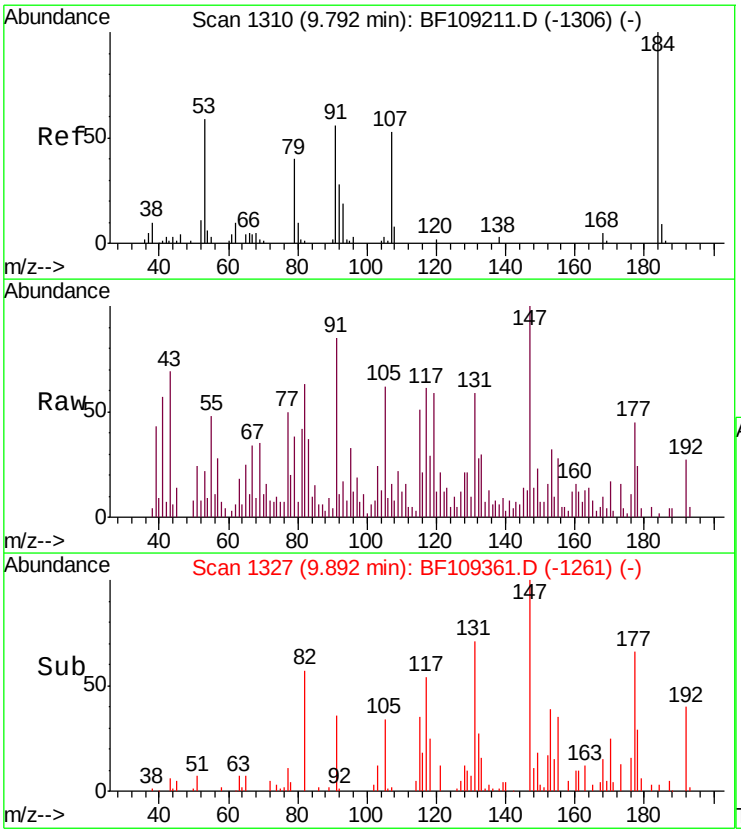
#47
2-Nitroaniline
Concen: 10.885 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 65 Resp: 29009

Ion	Ratio	Lower	Upper
65	100		
92	39.0	55.8	83.6#
138	3.2	91.2	136.8#

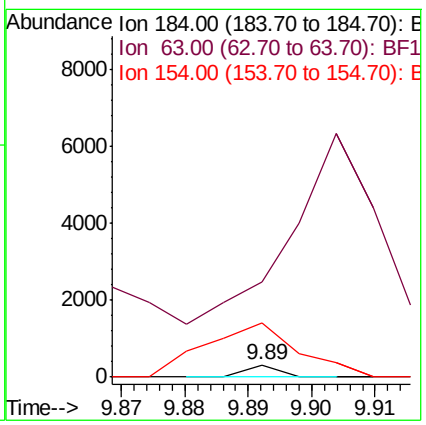


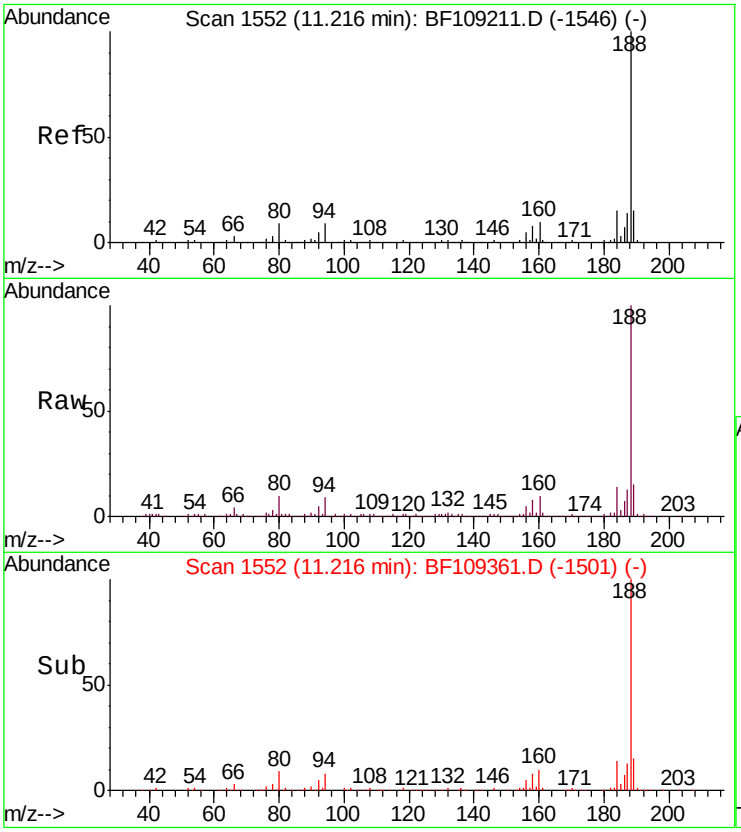


#53
2,4-Dinitrophenol
Concen: 8.634 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.09 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	804.5	54.2	81.2#
154	457.6	184.0	276.0#



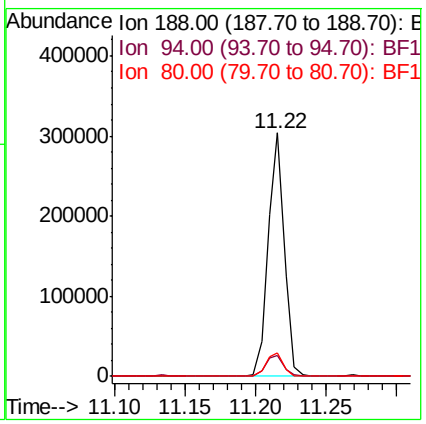


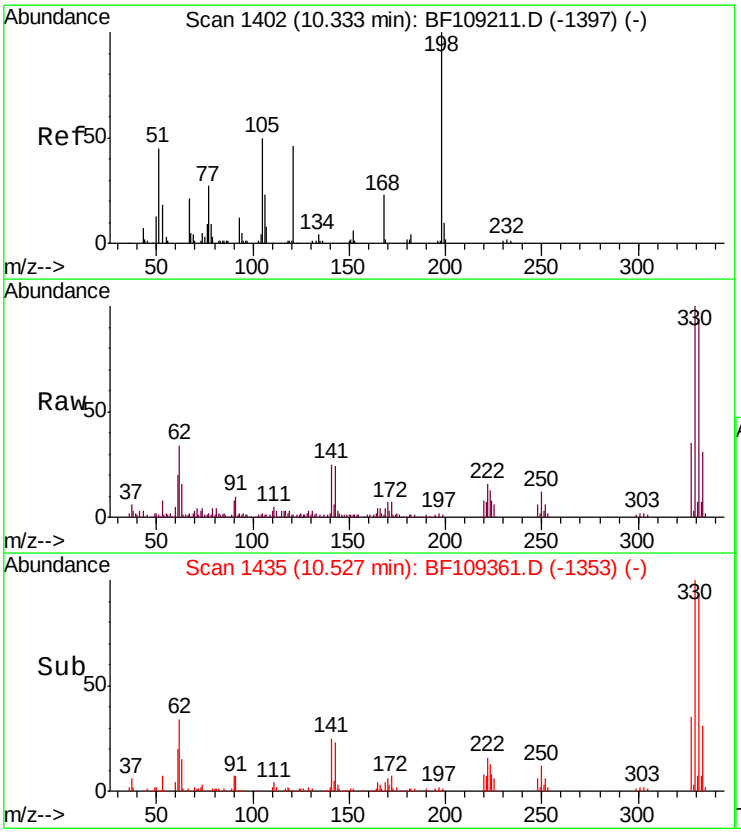
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:188 Resp: 245098

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8

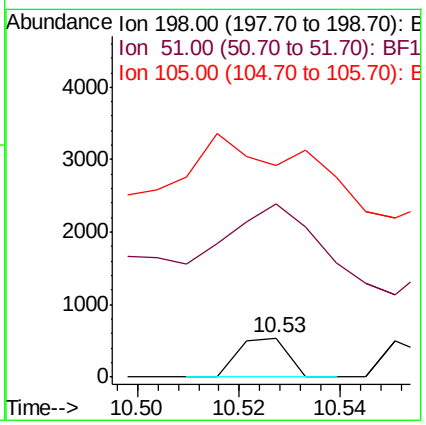


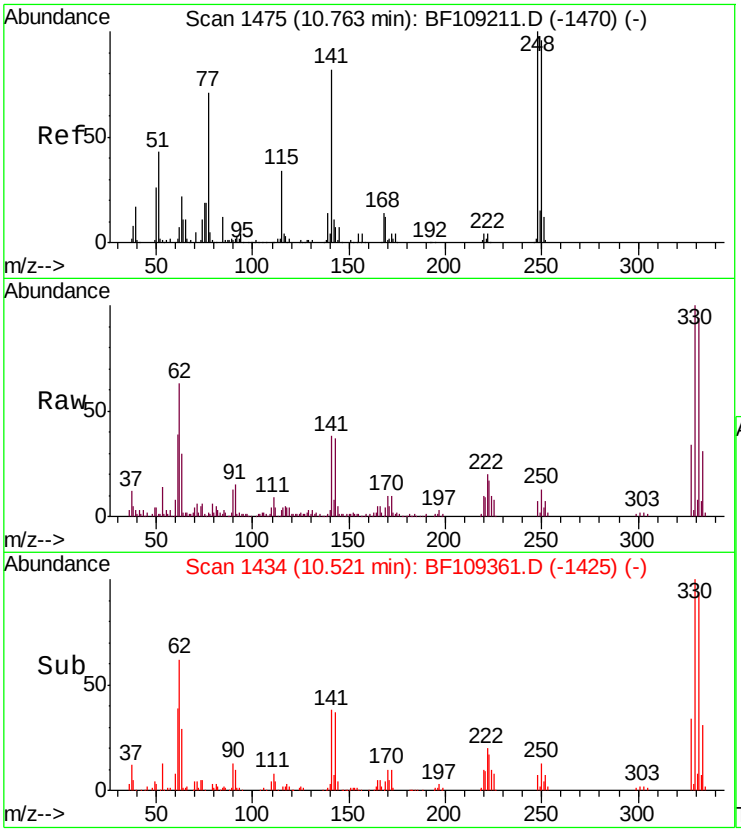


#64
4,6-Dinitro-2-methylphenol
Concen: 6.841 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.18 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:198 Resp: 365

Ion	Ratio	Lower	Upper
198	100		
51	443.9	37.7	77.7#
105	541.4	36.3	76.3#



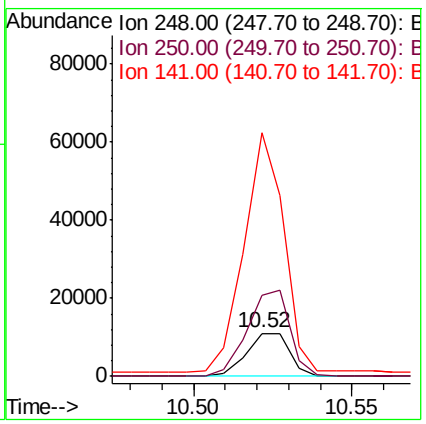


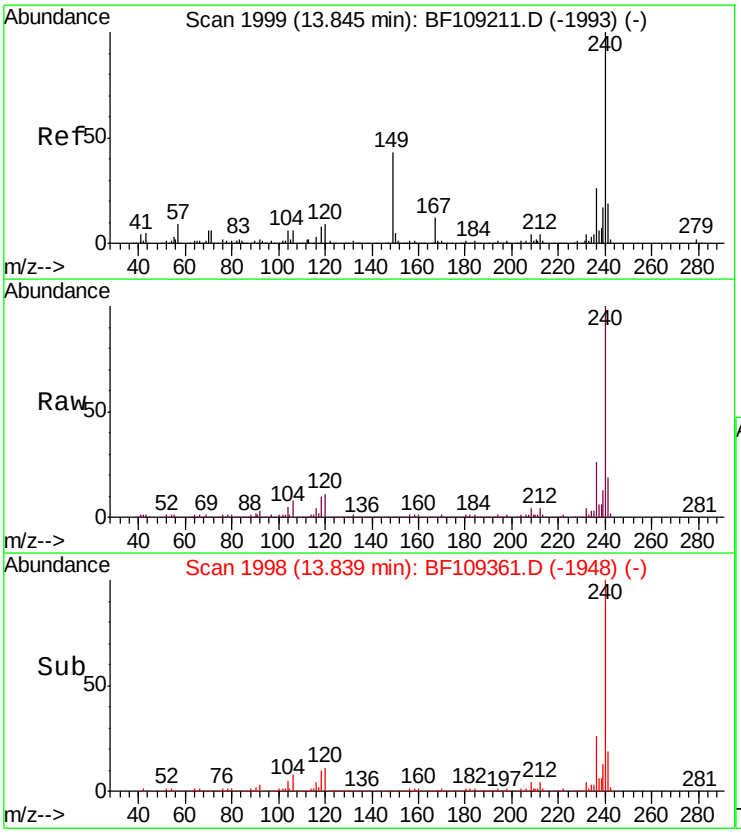
#66
4-Bromophenyl-phenylether
Concen: 3.833 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:248 Resp: 10431

Ion	Ratio	Lower	Upper
248	100		
250	187.2	76.9	115.3#
141	563.0	74.4	111.6#

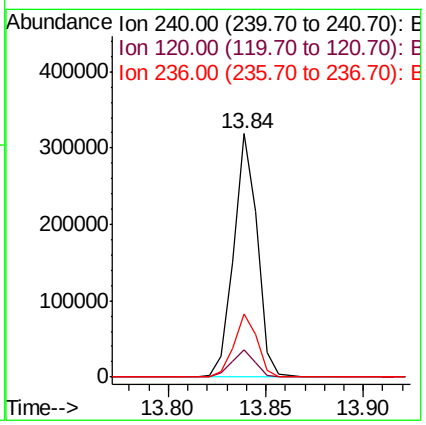


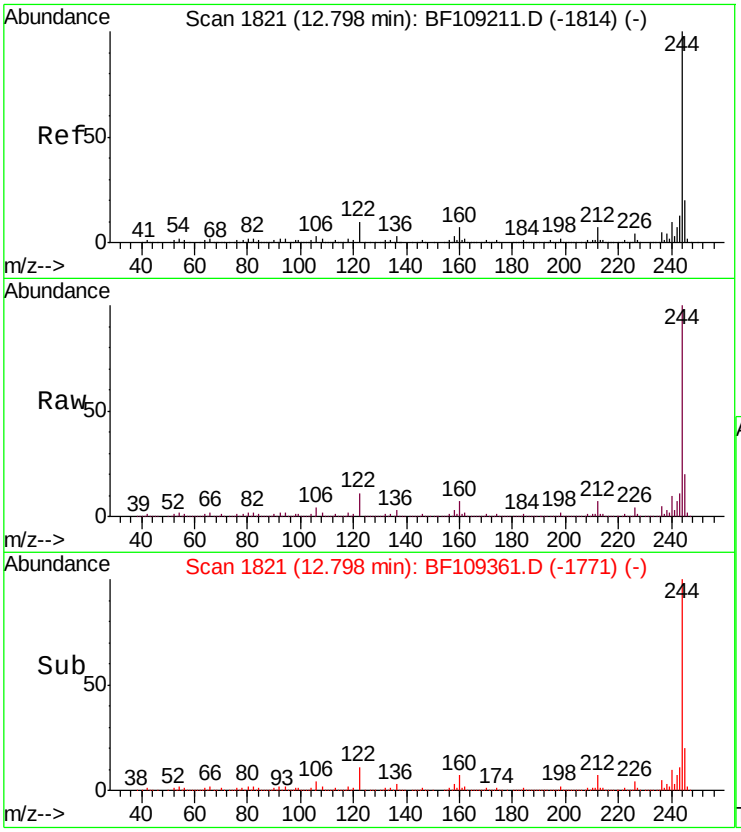


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:240 Resp: 266364

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.2	20.7	31.1



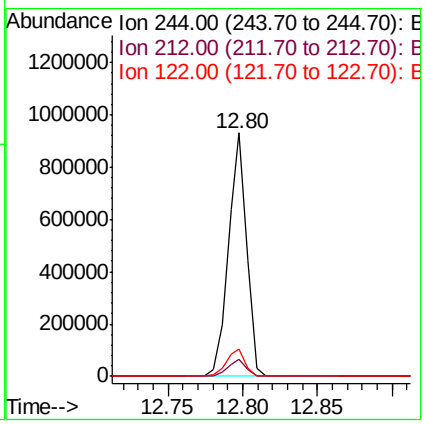


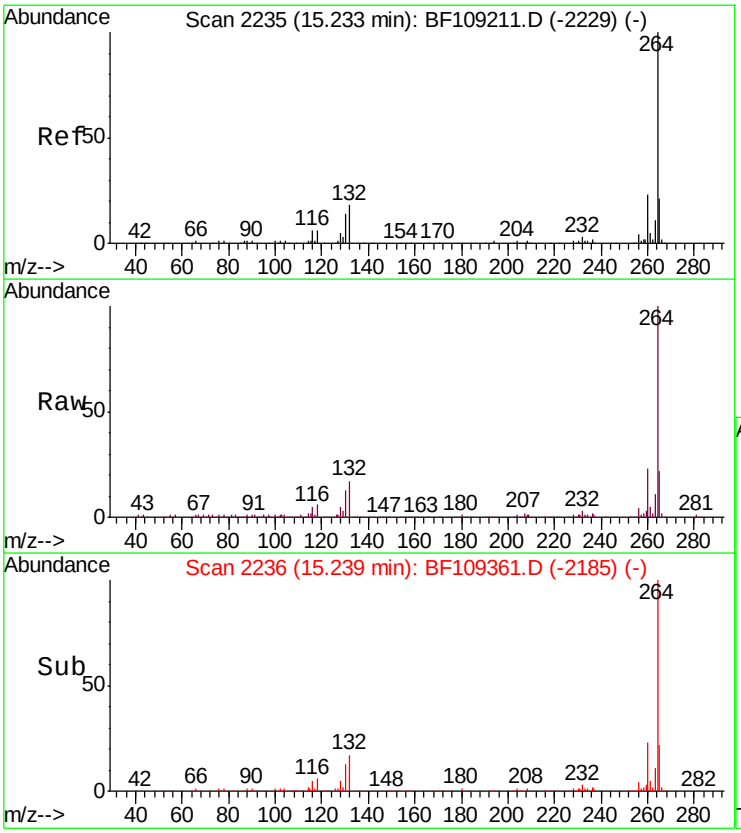
#78
Terphenyl-d14
Concen: 73.805 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:244 Resp: 801047

Ion	Ratio	Lower	Upper
244	100		
212	6.8	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: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:264 Resp: 223408

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3