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

Quantitation Report (Not Reviewed)

Data File : BF109360.D
Acq On : 27 Sep 2018 2:18
Operator : JU/SJ
Sample : J5053-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW08-GW

Quant Time: Sep 27 05:42:31 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	6.72	152	88224	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	287019	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	126372	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	246808	20.00	ng		0.00
75) Chrysene-d12	13.84	240	272047	20.00	ng		0.00
86) Perylene-d12	15.24	264	224391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	102804	19.19	ng		0.04
7) Phenol-d6	6.37	99	334525	48.94	ng		0.01
23) Nitrobenzene-d5	7.28	82	398675	82.00	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	161378	129.54	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	704447	84.07	ng		0.00
78) Terphenyl-d14	12.80	244	788648	71.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.26	77	644454	146.774	ng	#	1
10) Phenol	6.38	94	28035	3.622	ng		95
15) Benzyl Alcohol	6.87	79	15135	2.893	ng	#	53
17) 2-Methylphenol	6.97	107	14961	3.104	ng	#	1
18) Hexachloroethane	7.21	117	52485	21.562	ng	#	1
20) 3+4-Methylphenols	7.13	107	37683	6.476	ng		94
22) Acetophenone	7.12	105	397221	59.860	ng	#	63
24) Nitrobenzene	7.29	77	43521	8.418	ng	#	1
25) Isophorone	7.28	82	361282	41.264	ng	#	64
27) 2,4-Dimethylphenol	7.69	122	879716	230.596	ng	#	90
31) Naphthalene	8.03	128	4288932	319.776	ng		95
32) Benzoic acid	7.86	122	210080	76.357	ng	#	20
33) 4-Chloroaniline	8.03	127	638461	108.966	ng	#	34
37) 2-Methylnaphthalene	8.71	142	709255	82.030	ng		97
47) 2-Nitroaniline	9.31	65	24766	10.620	ng	#	21
50) 2,6-Dinitrotoluene	9.52	165	4843	2.660	ng	#	18
53) 2,4-Dinitrophenol	9.85	184	411	9.071	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.53	198	336	6.814	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	10035	3.661	ng	#	1

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

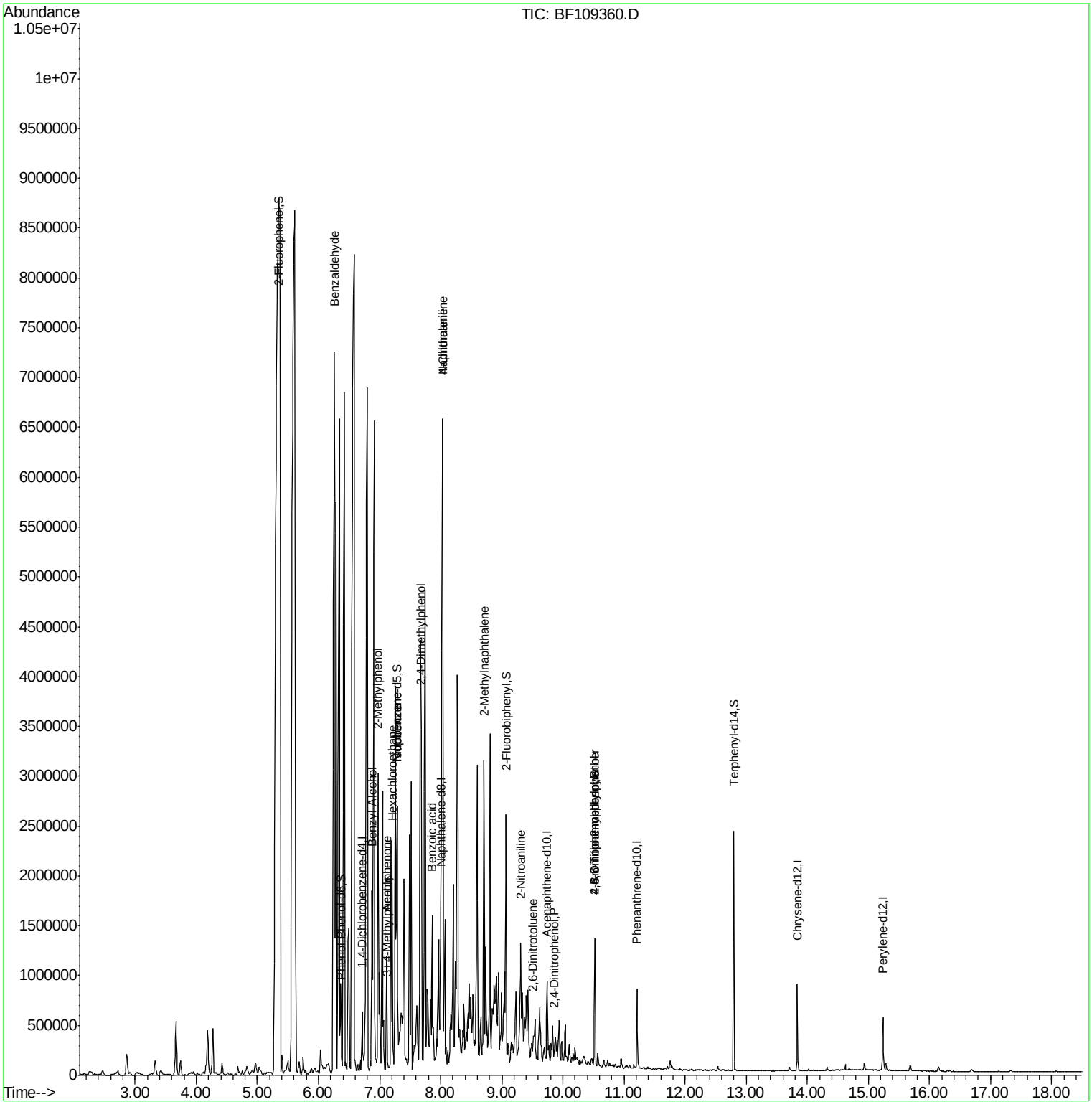
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

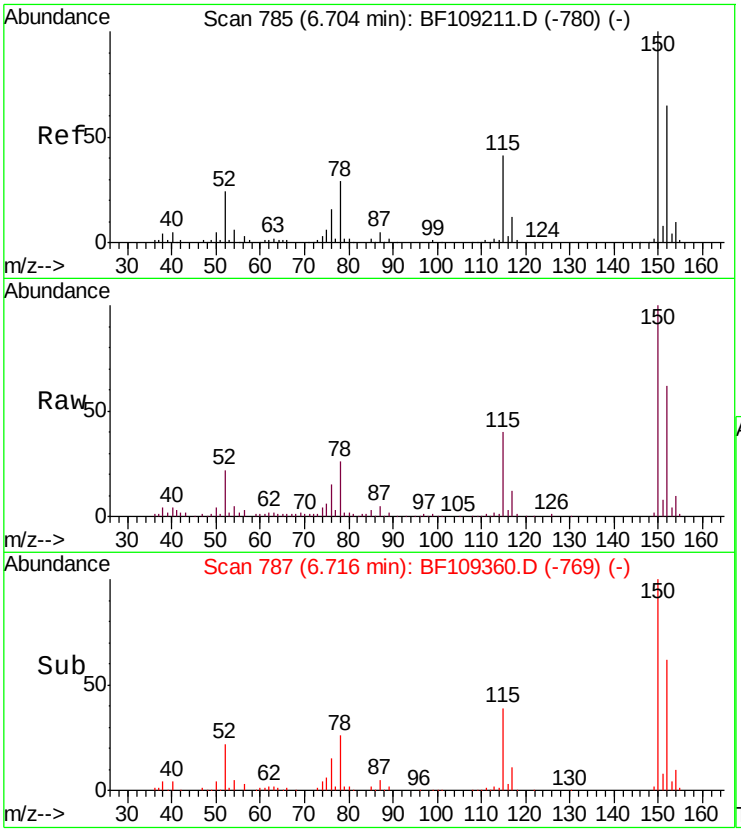
Quantitation Report (Not Reviewed)

Data File : BF109360.D
Acq On : 27 Sep 2018 2:18
Operator : JU/SJ
Sample : J5053-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Quant Time: Sep 27 05:42:31 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



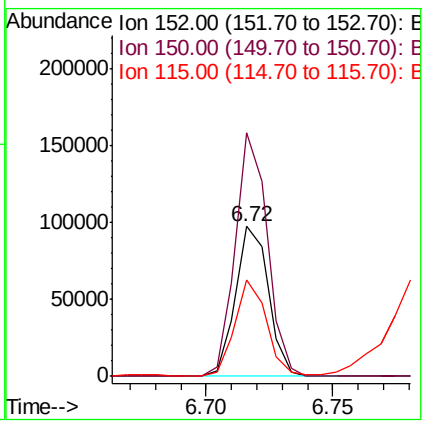


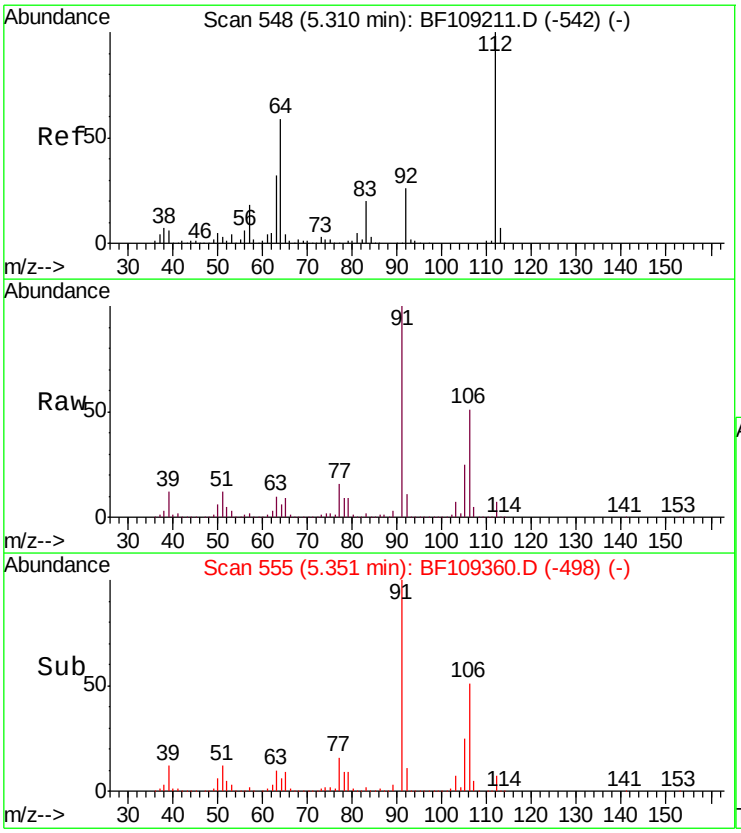
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:152 Resp: 88224

Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	64.2	50.1	75.1

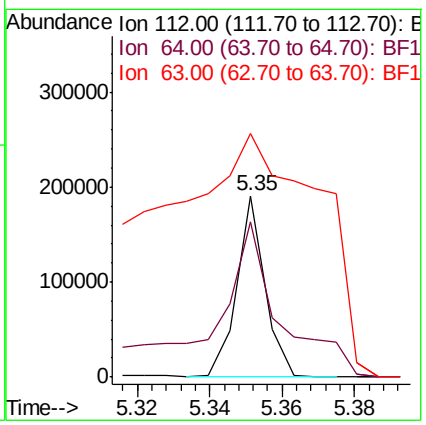


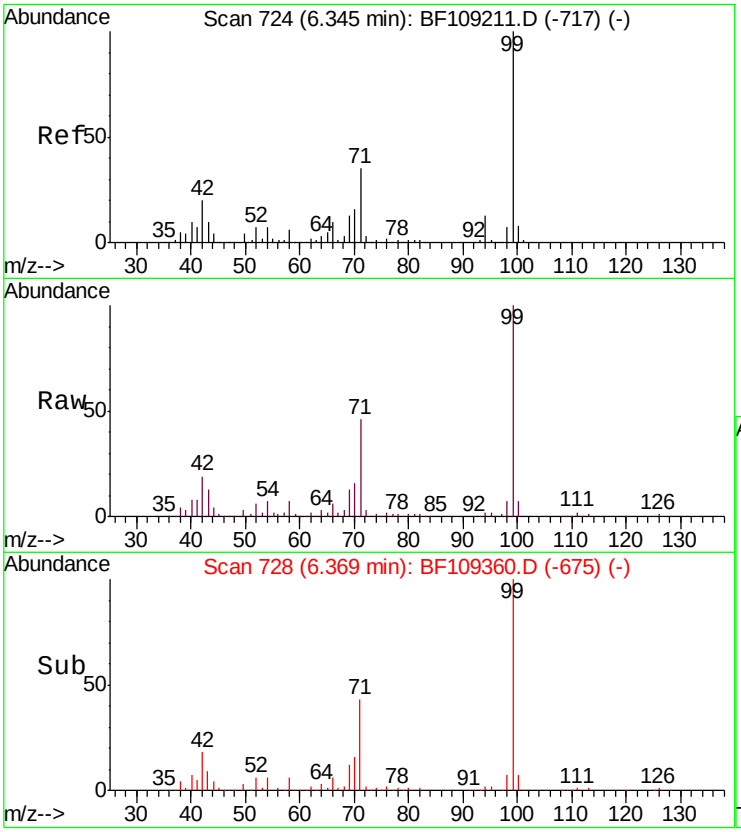


#5
2-Fluorophenol
Concen: 19.193 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.04 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:112 Resp: 102804

Ion	Ratio	Lower	Upper
112	100		
64	85.6	47.9	71.9#
63	134.3	23.7	35.5#



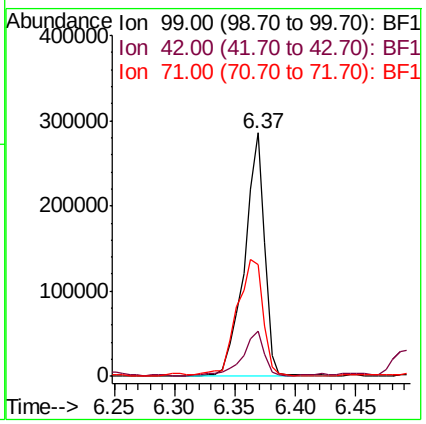


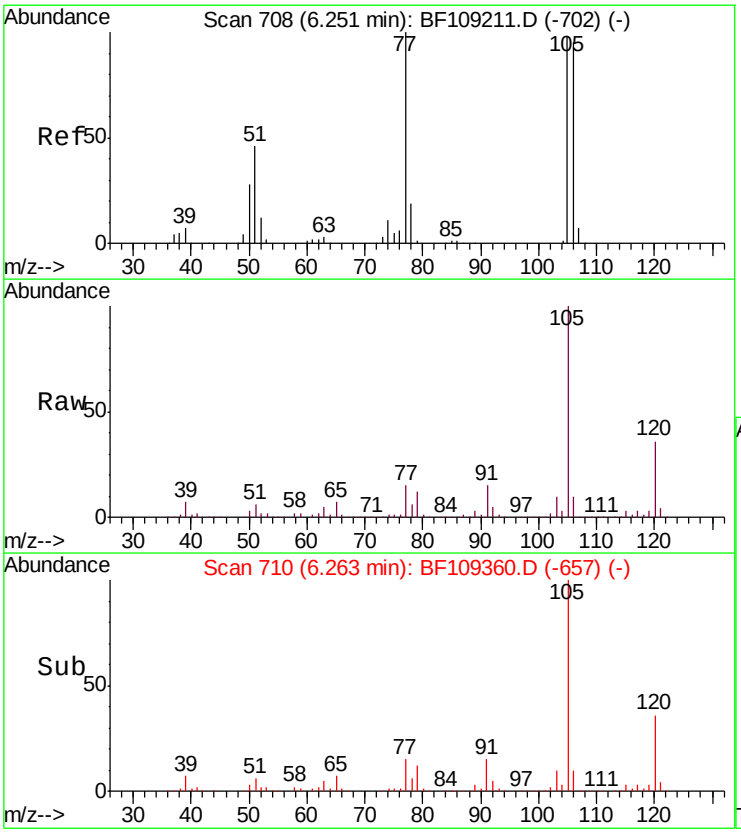
#7
Phenol-d6
Concen: 48.943 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion: 99 Resp: 334525

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	46.0	25.4	38.0#

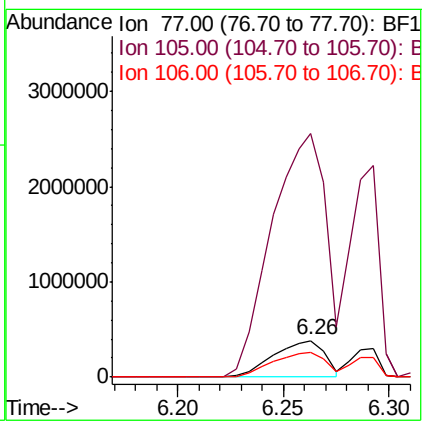


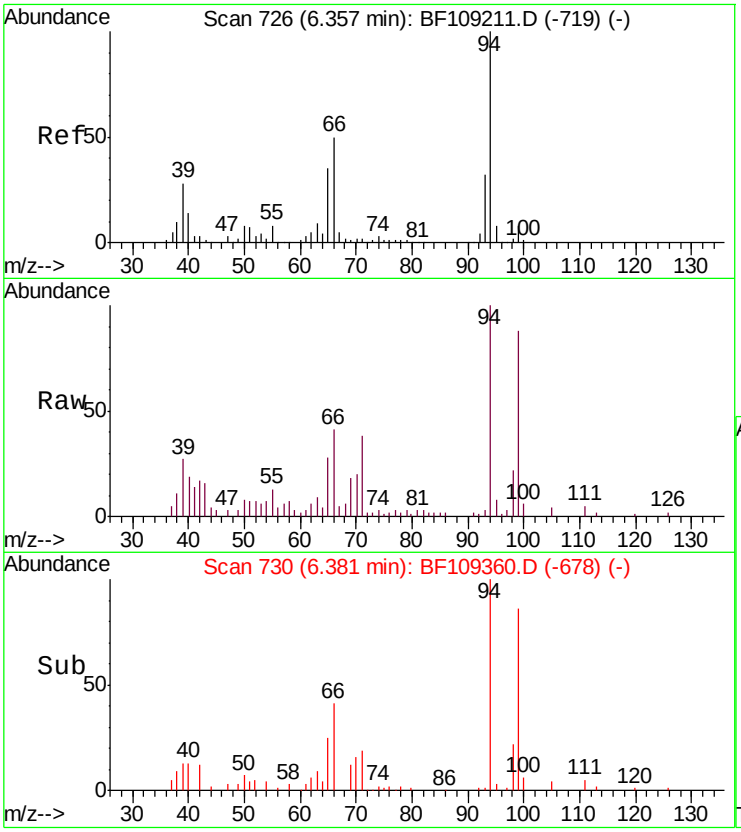


#9
Benzaldehyde
Concen: 146.774 ng
RT: 6.26 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion: 77 Resp: 644454

Ion	Ratio	Lower	Upper
77	100		
105	664.1	81.1	121.1#
106	68.2	74.5	114.5#



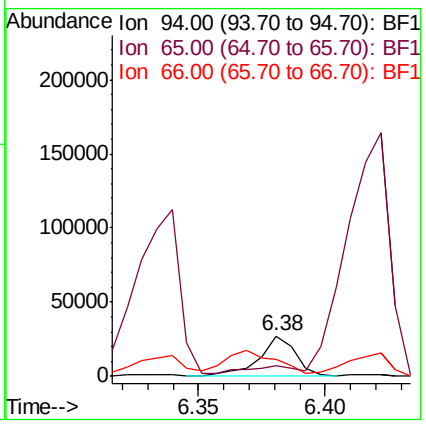


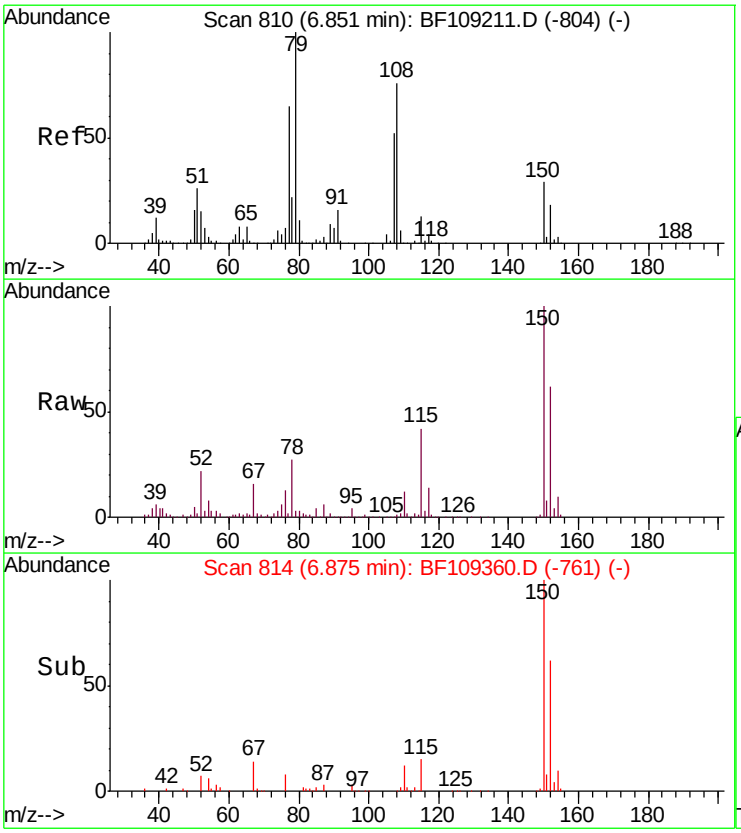
#10
Phenol
Concen: 3.622 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion: 94 Resp: 28035

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	41.4	16.2	56.2

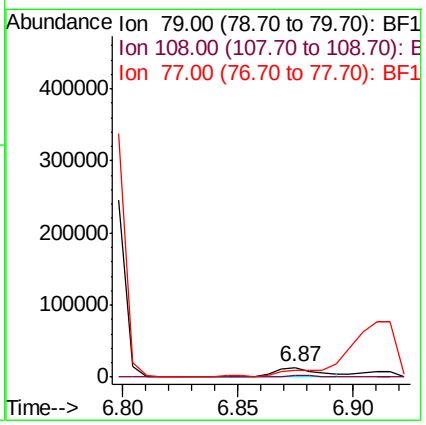


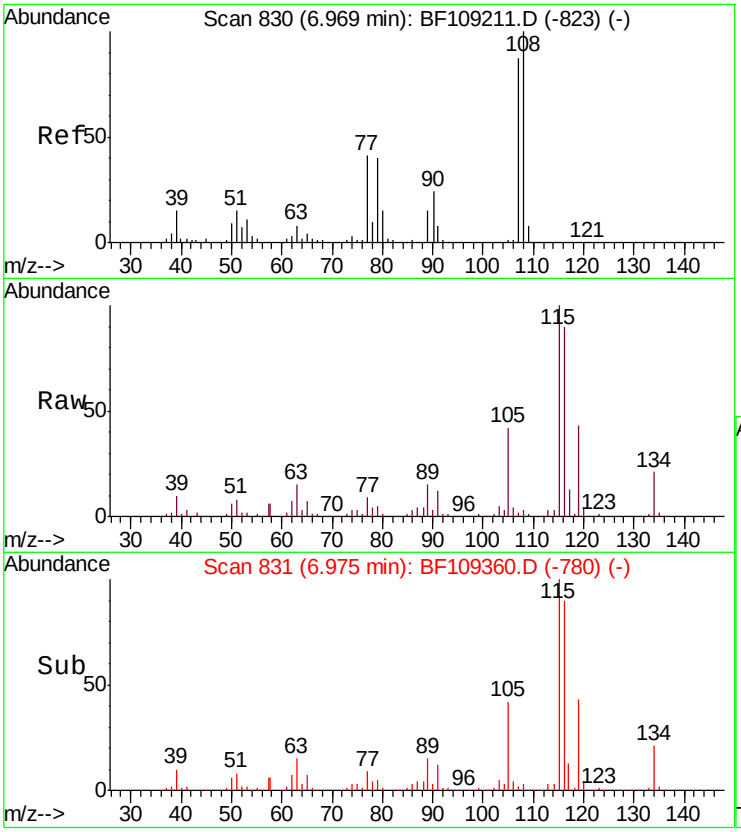


#15
Benzyl Alcohol
Concen: 2.893 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion: 79 Resp: 15135

Ion	Ratio	Lower	Upper
79	100		
108	17.7	65.1	97.7#
77	75.4	50.6	75.8



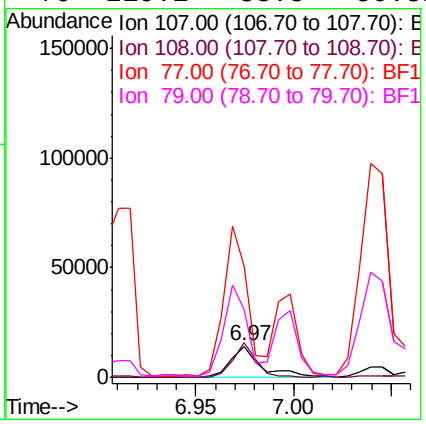


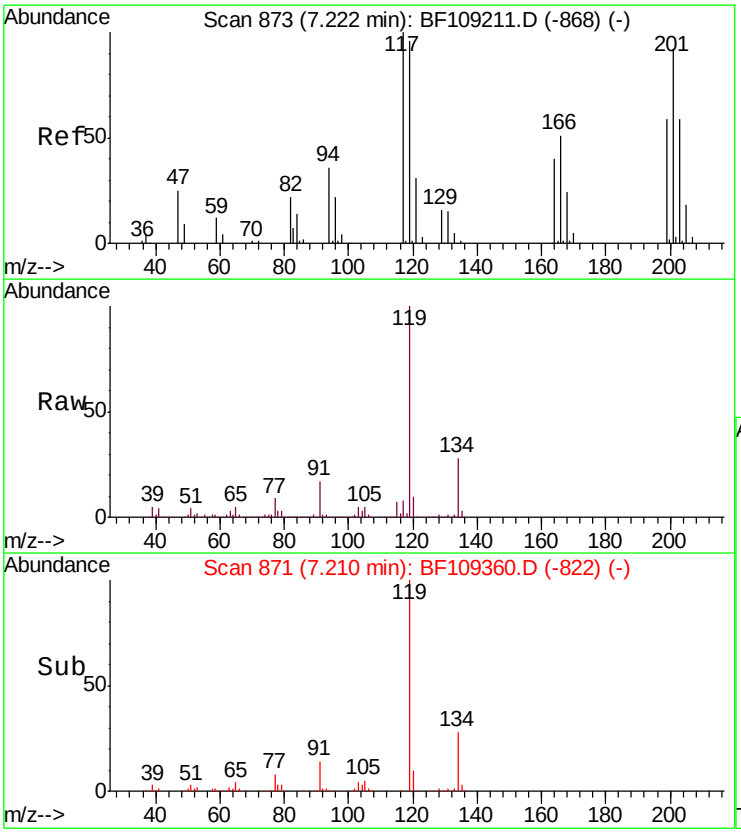
#17
2-Methylphenol
Concen: 3.104 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:107 Resp: 14961

Ion	Ratio	Lower	Upper
107	100		
108	110.4	91.7	137.5
77	360.8	33.8	50.8#
79	219.1	33.8	50.8#

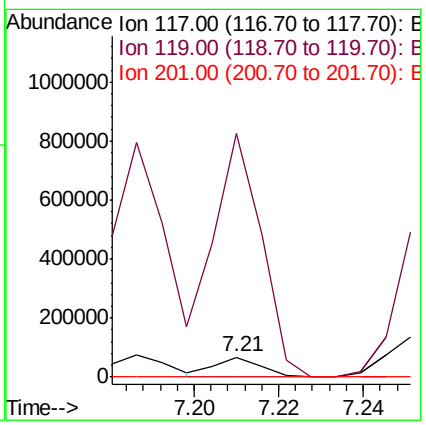


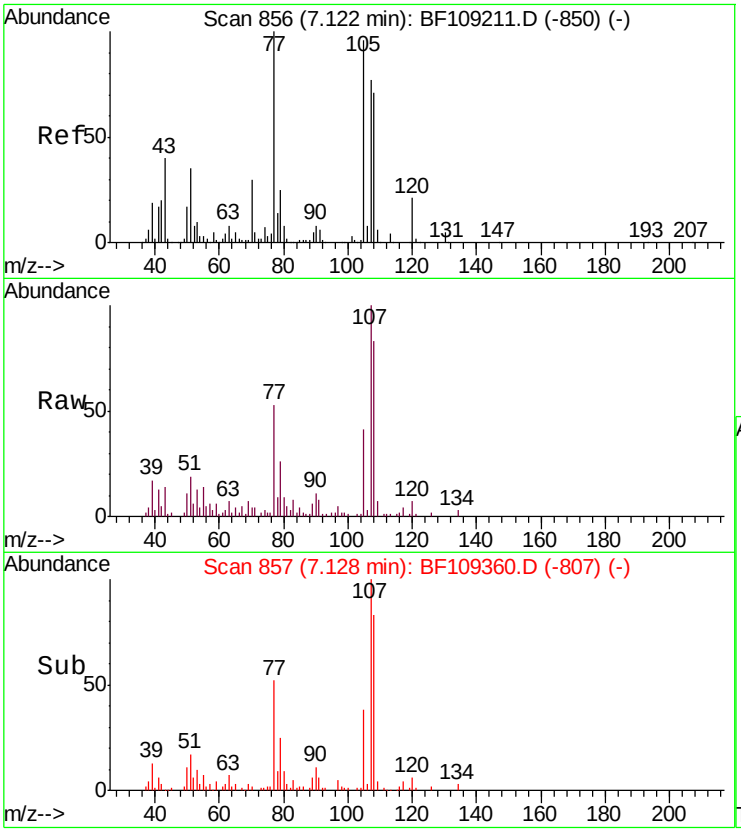


#18
Hexachloroethane
Concen: 21.562 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:117 Resp: 52485

Ion	Ratio	Lower	Upper
117	100		
119	1238.4	75.8	113.8#
201	0.0	75.7	113.5#



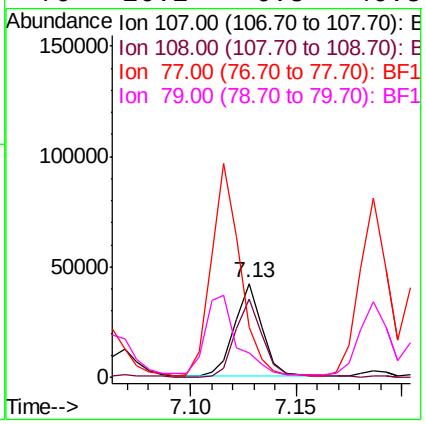


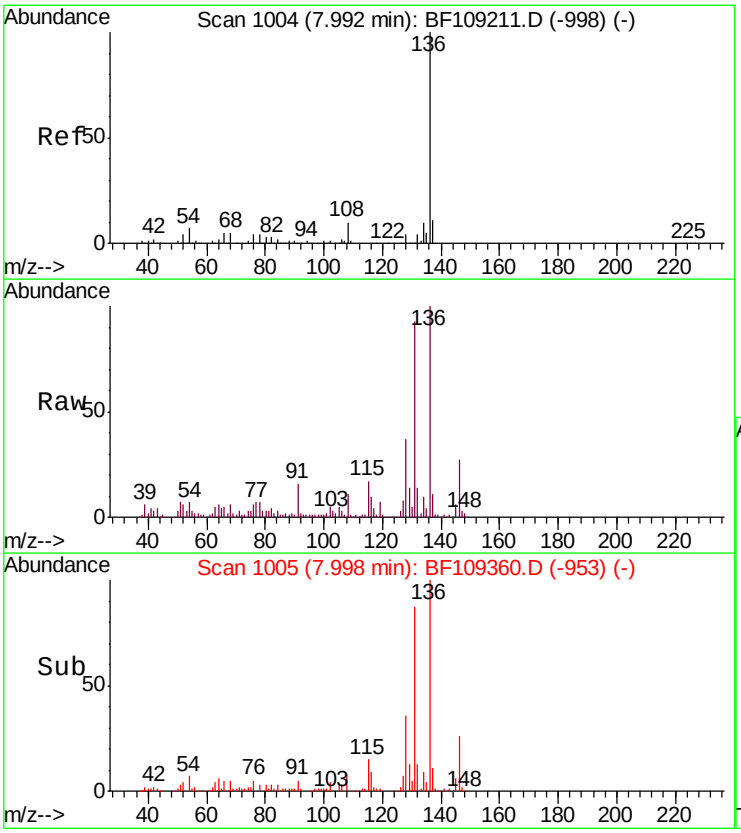
#20
3+4-Methylphenols
Concen: 6.476 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:107 Resp: 37683

Ion	Ratio	Lower	Upper
107	100		
108	83.2	68.2	108.2
77	53.0	26.7	66.7
79	26.2	6.3	46.3

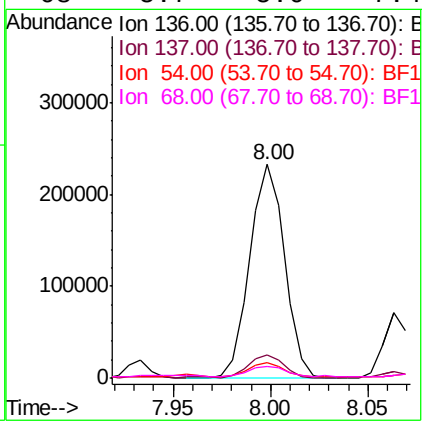


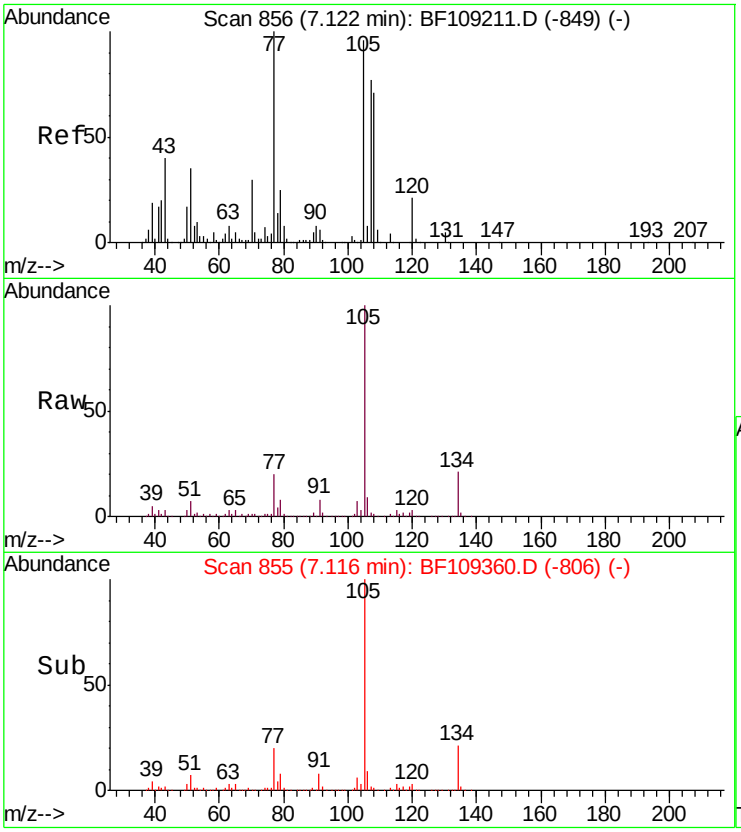


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:136 Resp: 287019

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4



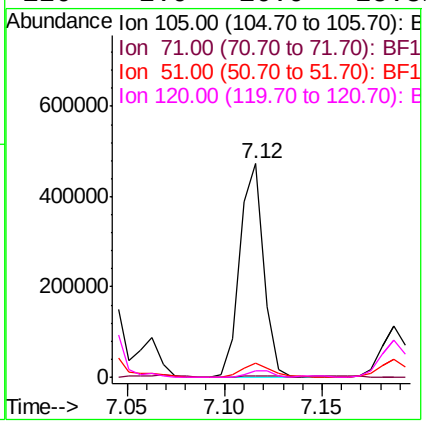


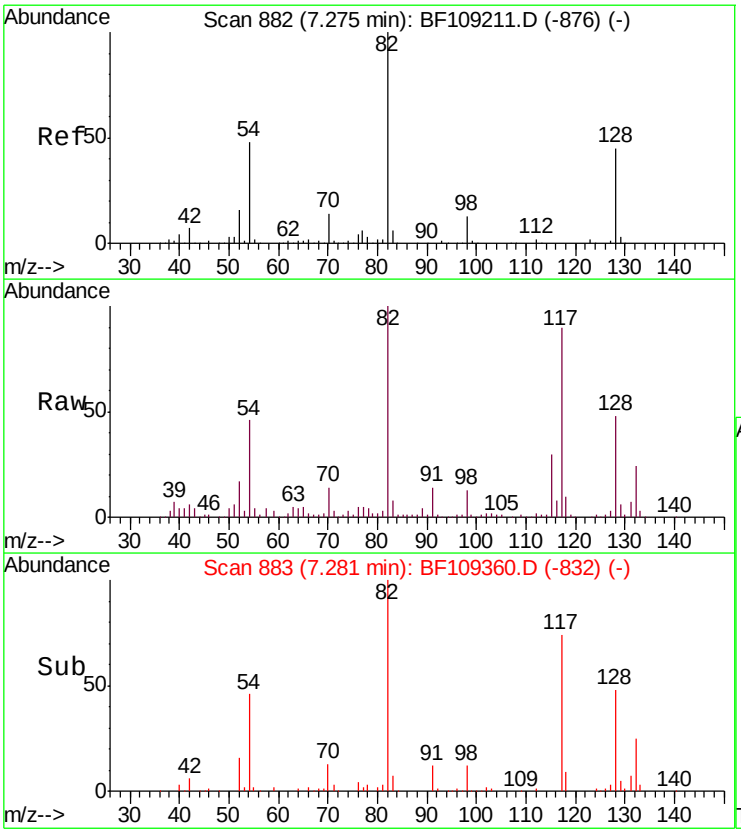
#22
Acetophenone
Concen: 59.860 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:105 Resp: 397221

Ion	Ratio	Lower	Upper
105	100		
71	0.6	4.4	6.6#
51	6.6	22.3	33.5#
120	2.9	16.9	25.3#

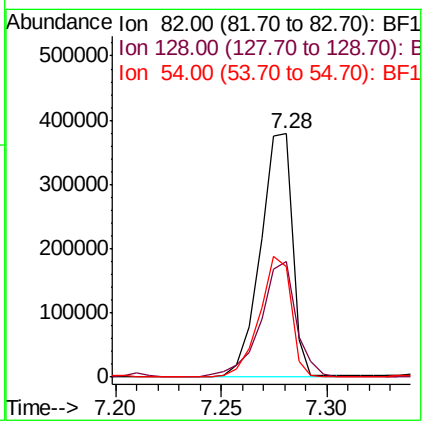


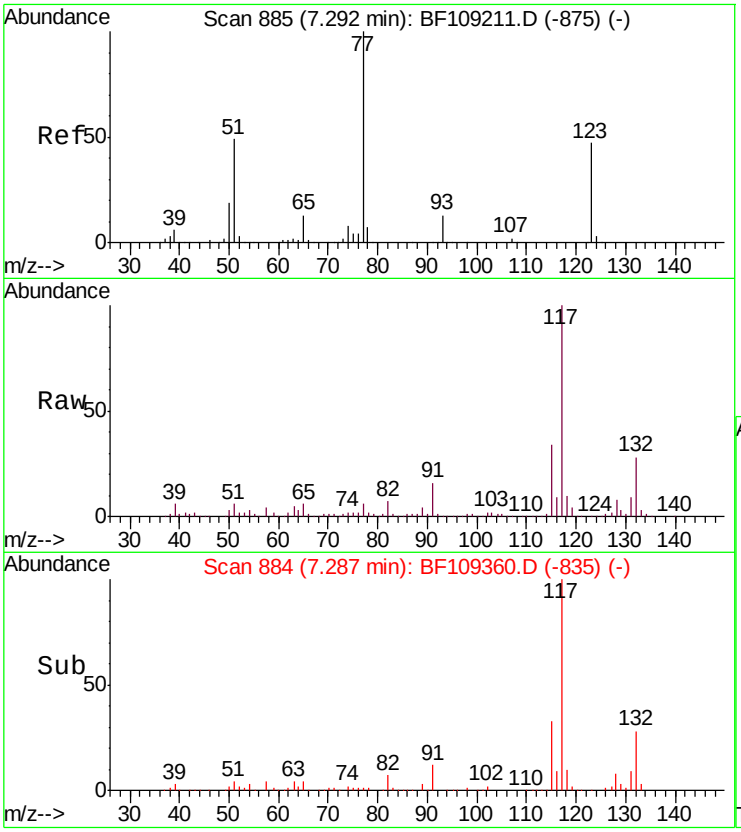


#23
Nitrobenzene-d5
Concen: 81.996 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion: 82 Resp: 398675

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	45.6	41.4	62.2



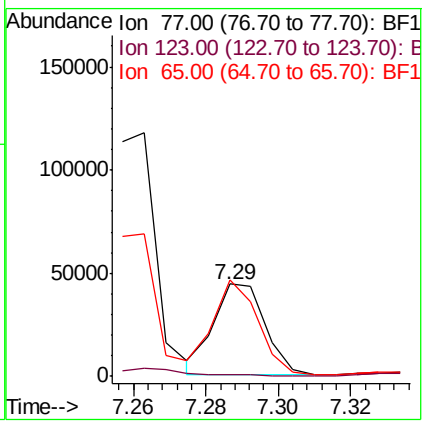


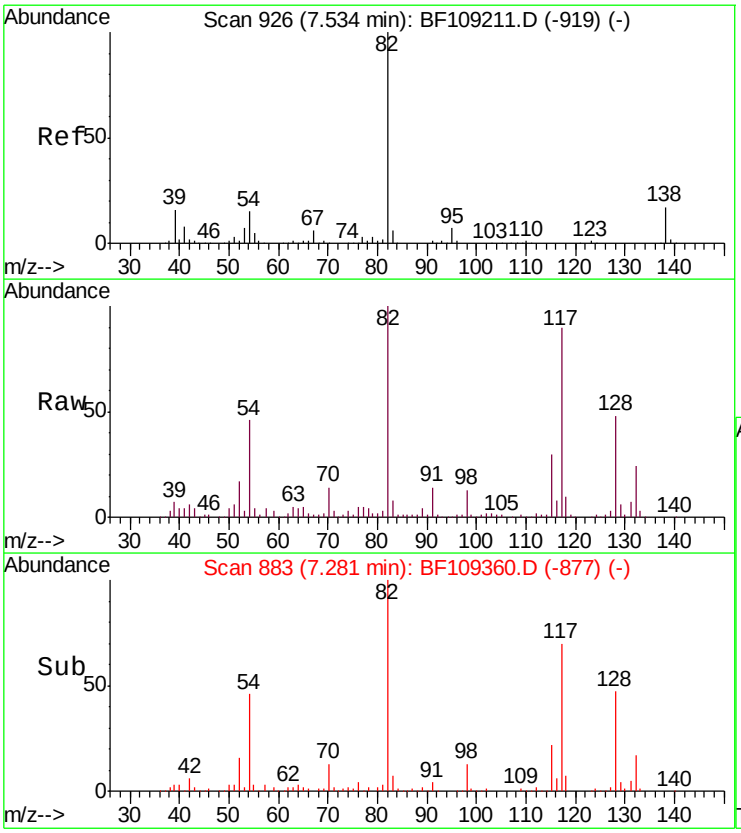
#24
Nitrobenzene
Concen: 8.418 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion: 77 Resp: 43521

Ion	Ratio	Lower	Upper
77	100		
123	1.4	37.9	56.9#
65	104.0	11.0	16.4#

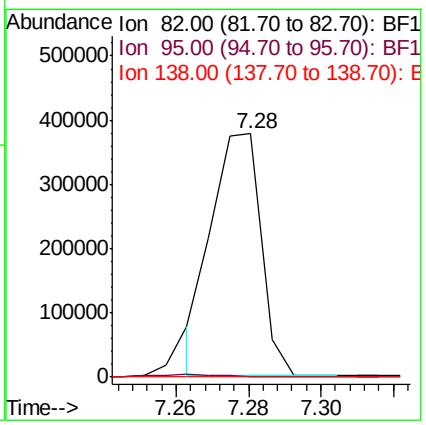


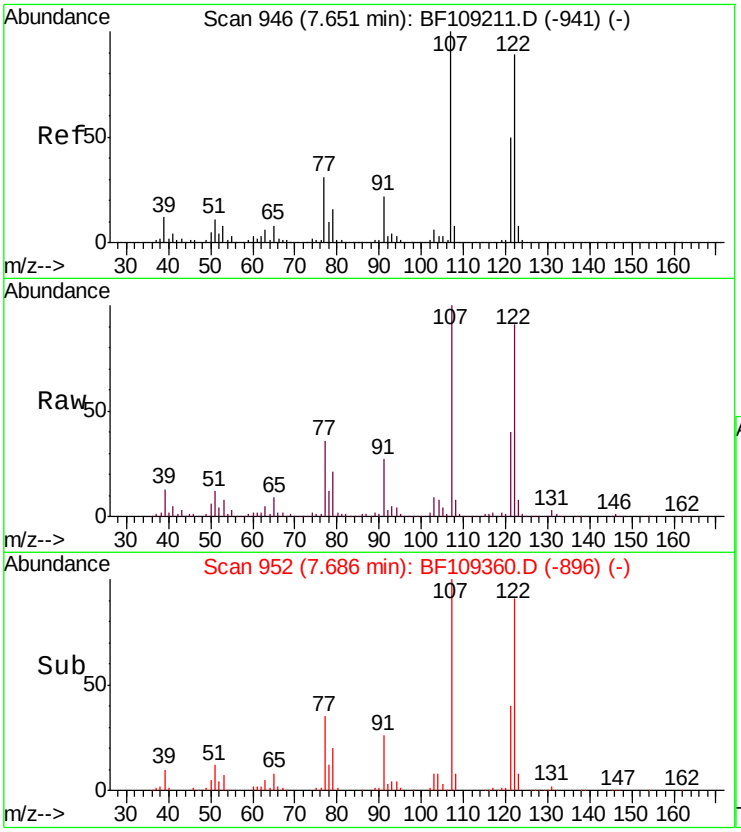


#25
Isophorone
Concen: 41.264 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion: 82 Resp: 361282

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



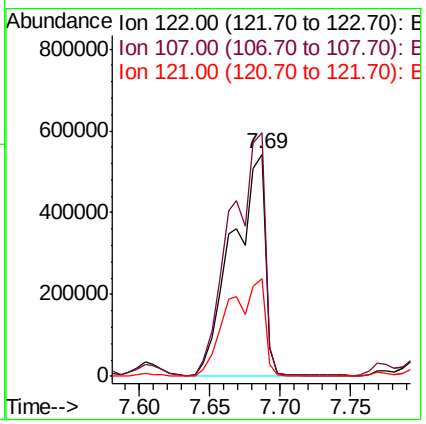


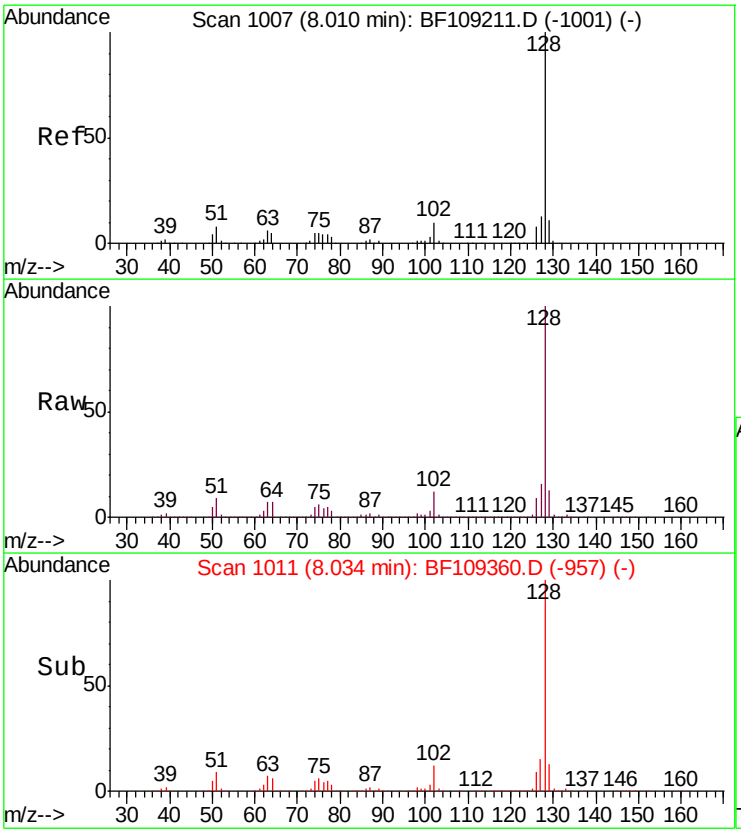
#27
2,4-Dimethylphenol
Concen: 230.596 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.03 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:122 Resp: 879716

Ion	Ratio	Lower	Upper
122	100		
107	109.5	91.2	136.8
121	43.7	47.2	70.8#

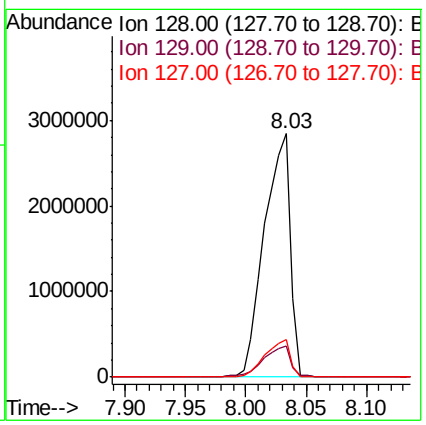


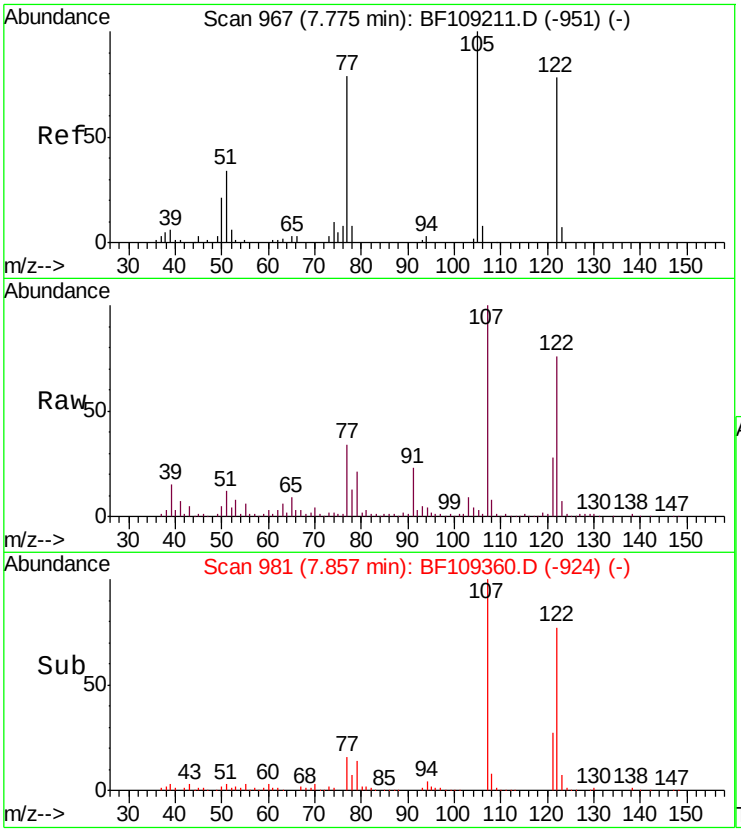


#31
Naphthalene
Concen: 319.776 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:128 Resp: 4288932

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	15.5	10.9	16.3



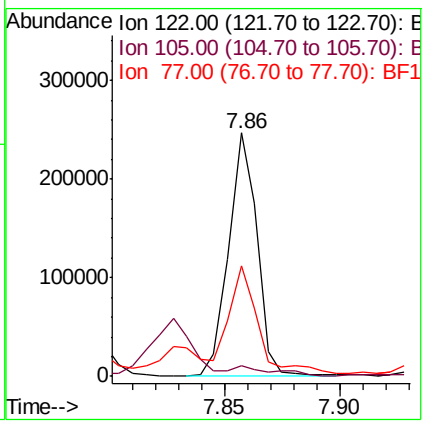


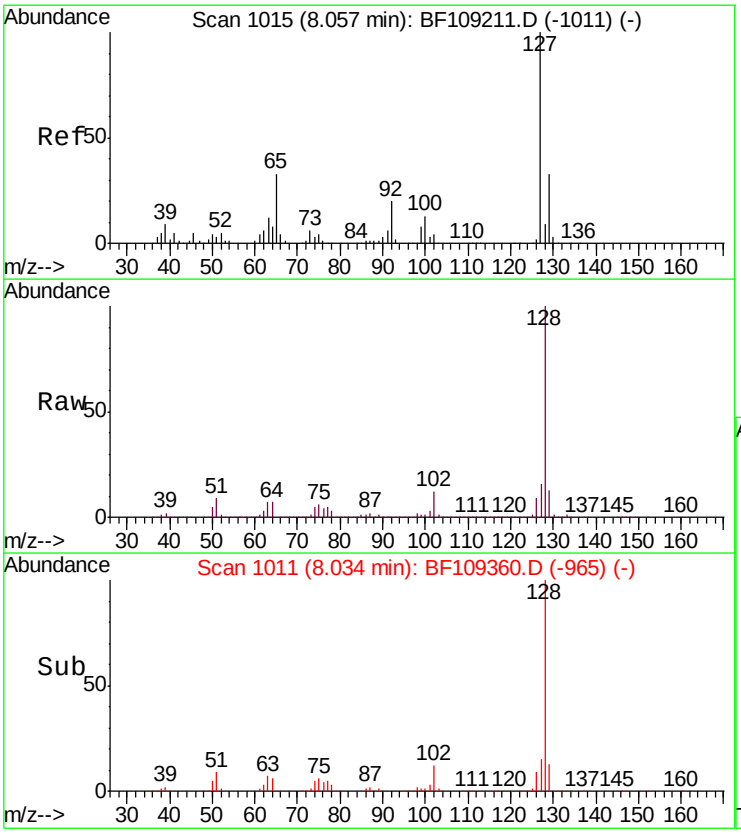
#32
Benzoic acid
Concen: 76.357 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.04 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:122 Resp: 210080

Ion	Ratio	Lower	Upper
122	100		
105	4.2	101.1	141.1#
77	45.2	70.7	110.7#

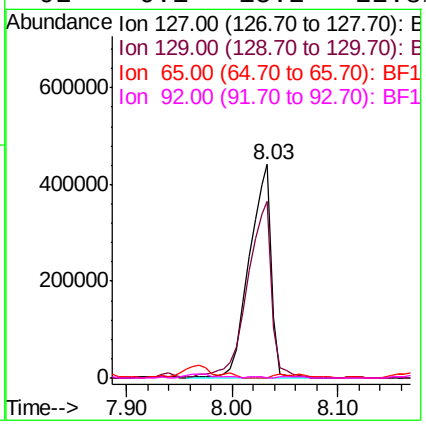


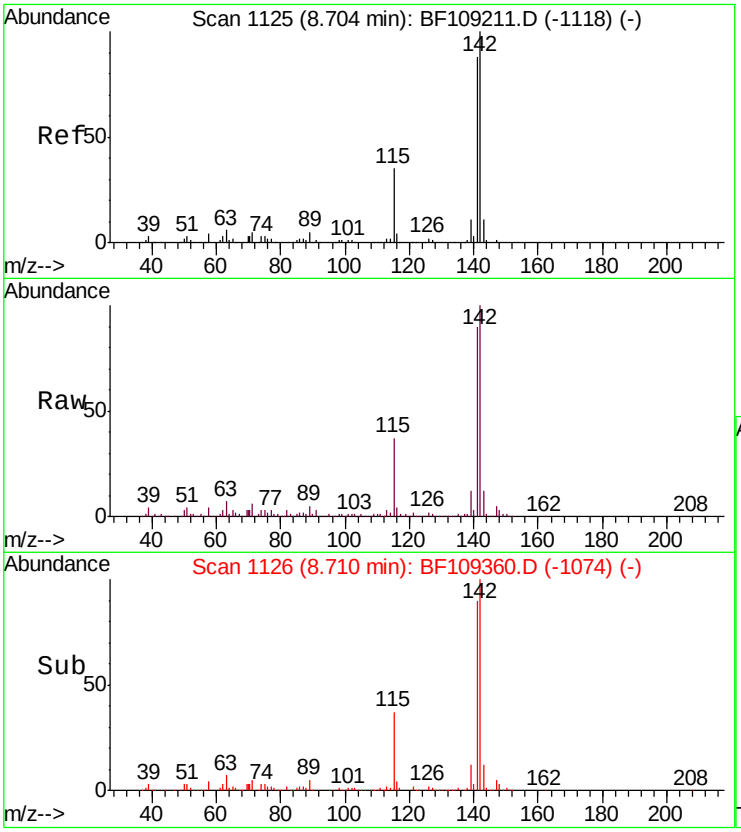


#33
4-Chloroaniline
Concen: 108.966 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:127 Resp: 638461

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.1	15.2	22.8#



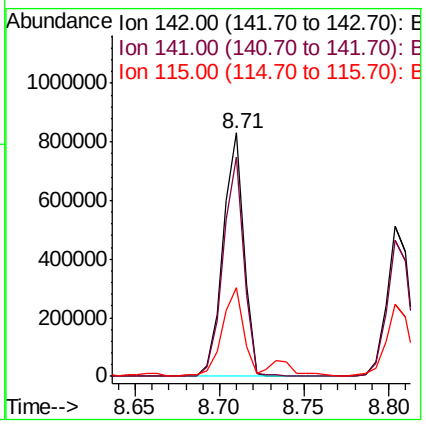


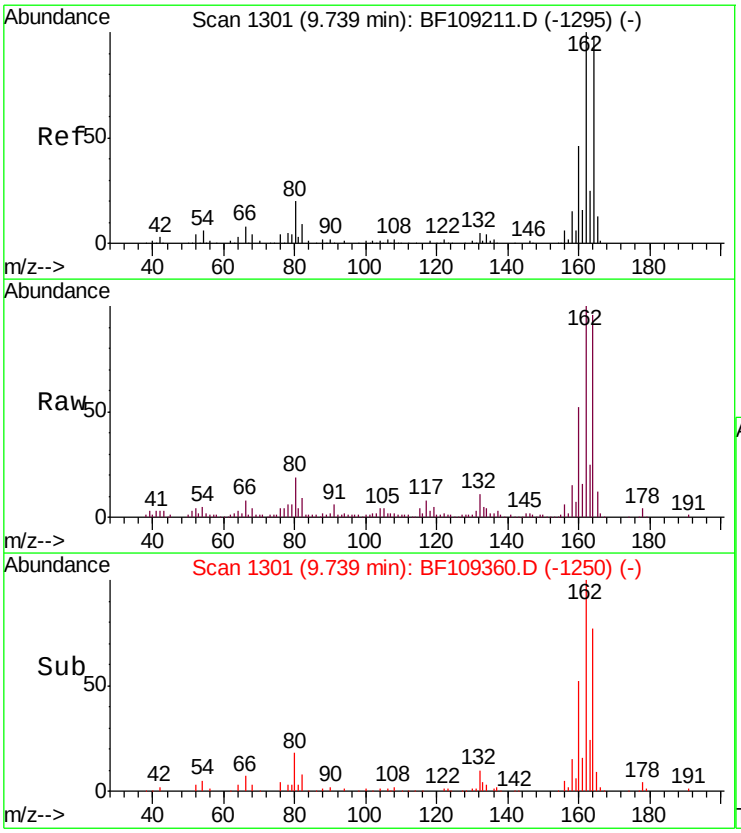
#37
2-Methylnaphthalene
Concen: 82.030 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:142 Resp: 709255

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	36.7	26.1	39.1

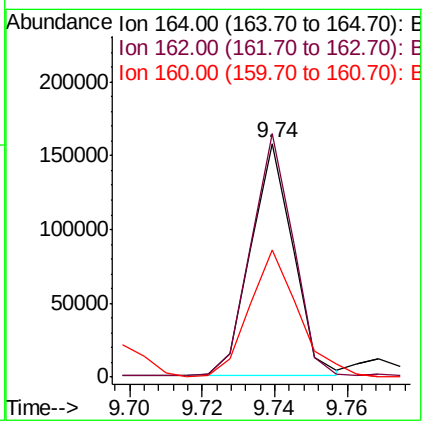


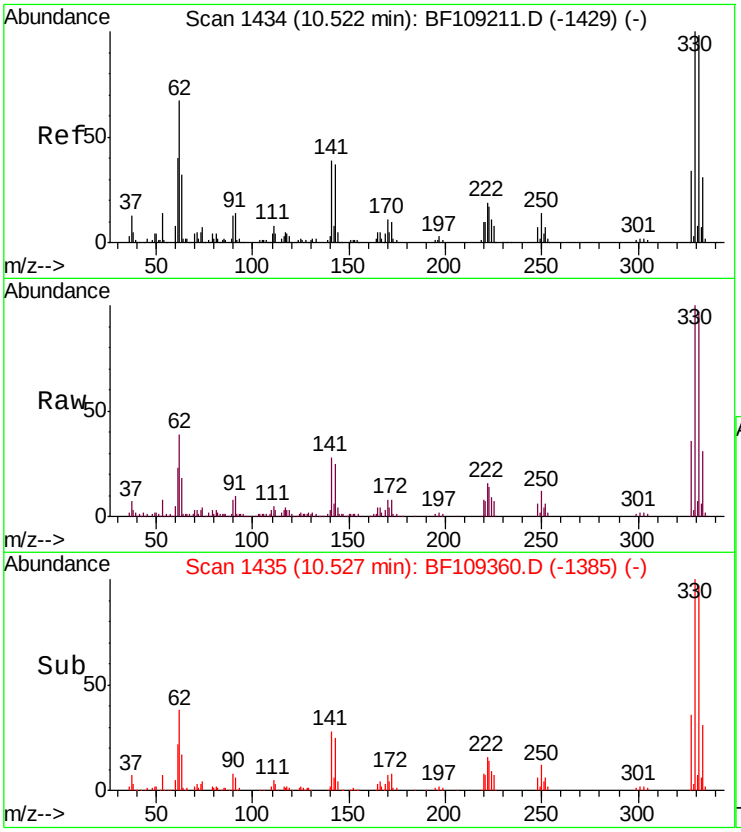


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:164 Resp: 126372

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	54.3	38.3	57.5



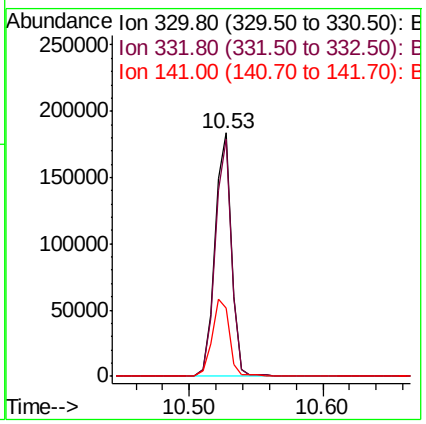


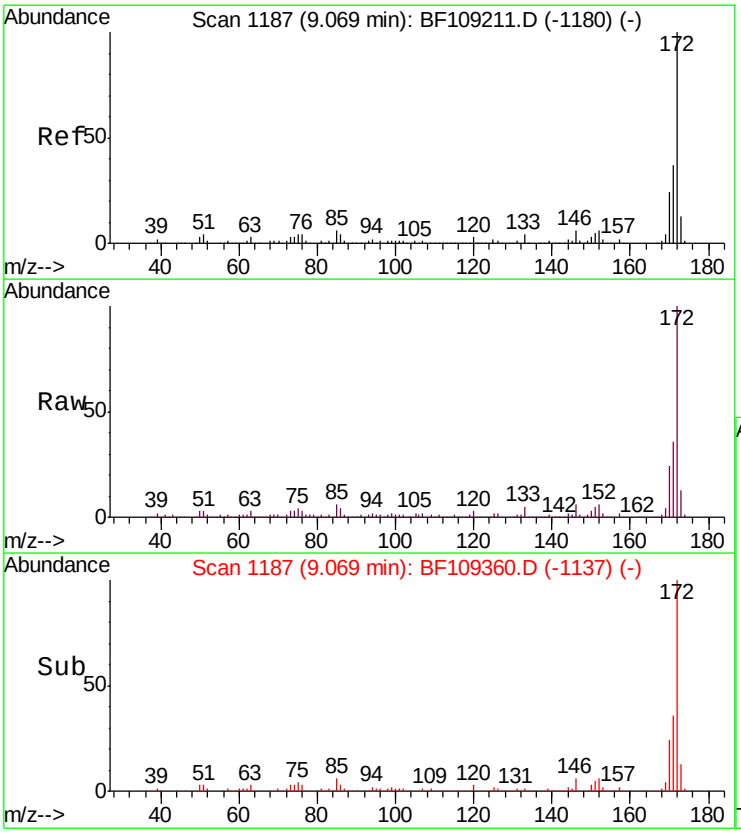
#41
2,4,6-Tribromophenol
Concen: 129.541 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:330 Resp: 161378

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.3	29.9	44.9

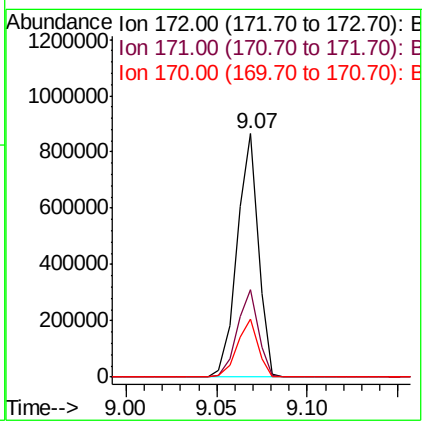


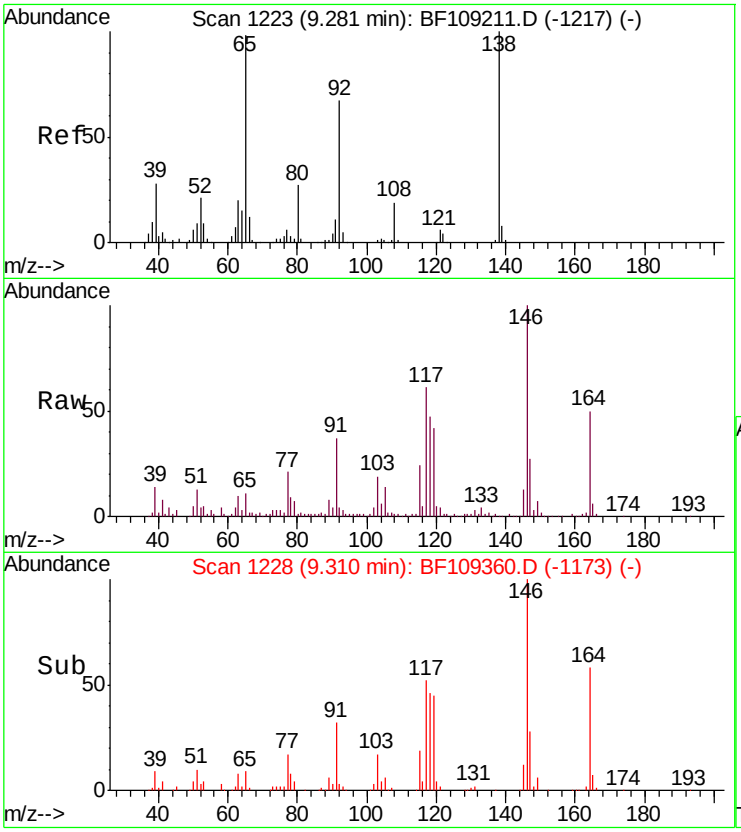


#44
2-Fluorobiphenyl
Concen: 84.073 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:172 Resp: 704447

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



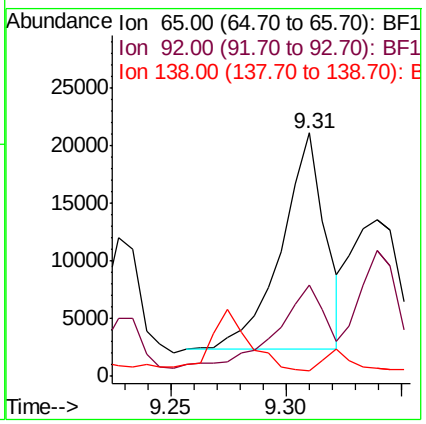


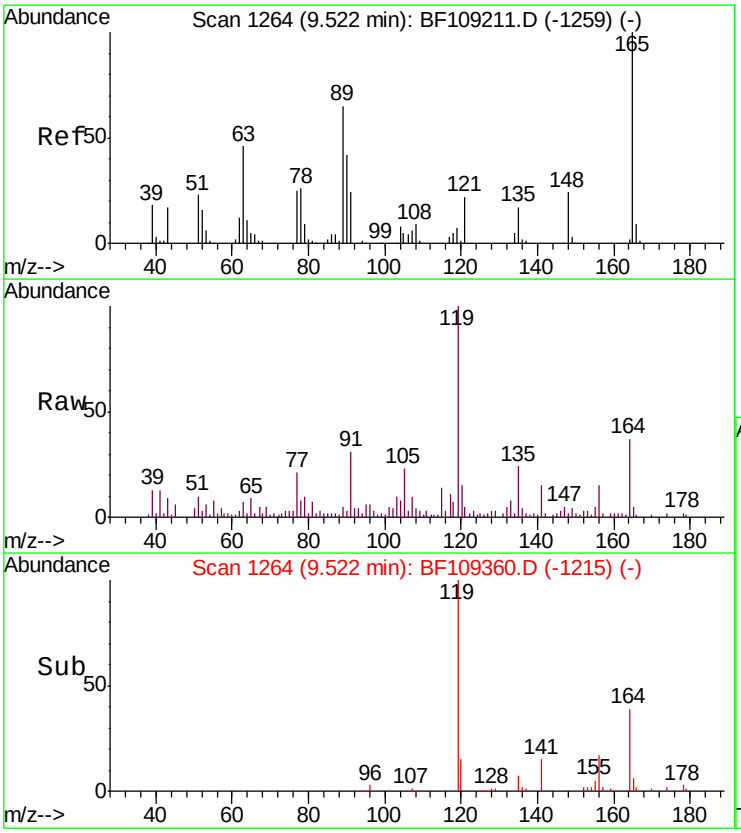
#47
2-Nitroaniline
Concen: 10.620 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.02 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion: 65 Resp: 24766

Ion	Ratio	Lower	Upper
65	100		
92	37.5	55.8	83.6#
138	2.3	91.2	136.8#

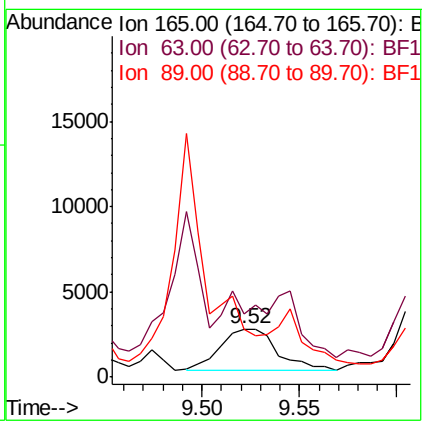


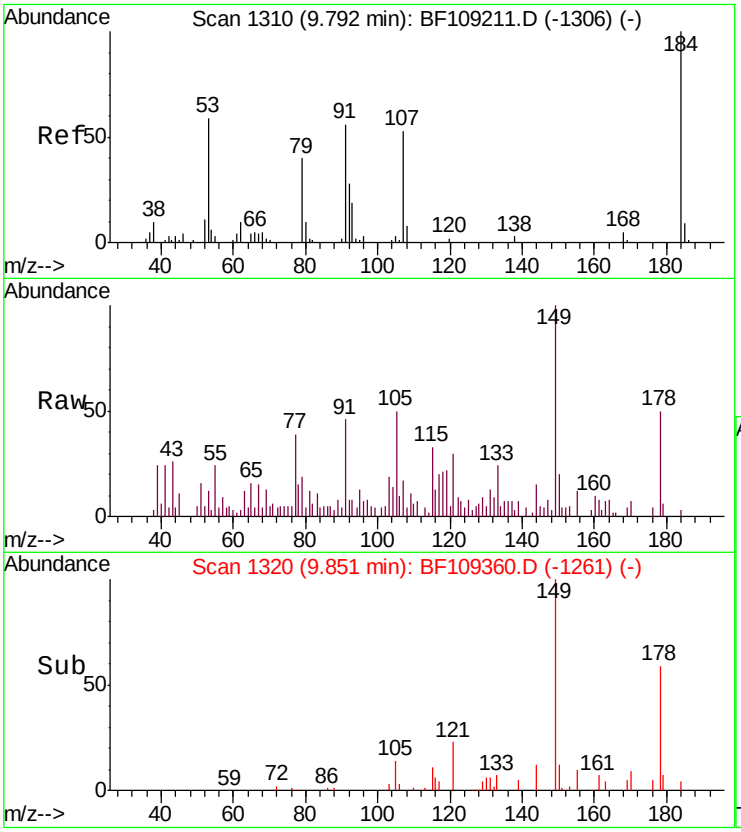


#50
2,6-Dinitrotoluene
Concen: 2.660 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:165 Resp: 4843

Ion	Ratio	Lower	Upper
165	100		
63	130.6	44.7	67.1#
89	98.8	44.0	66.0#



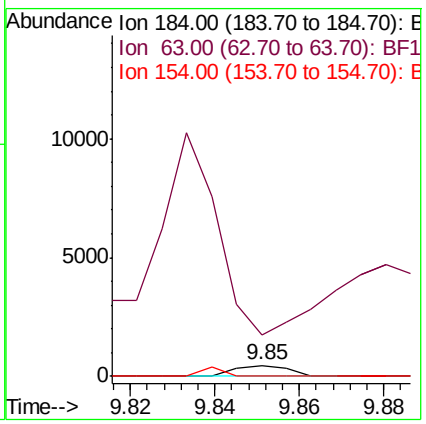


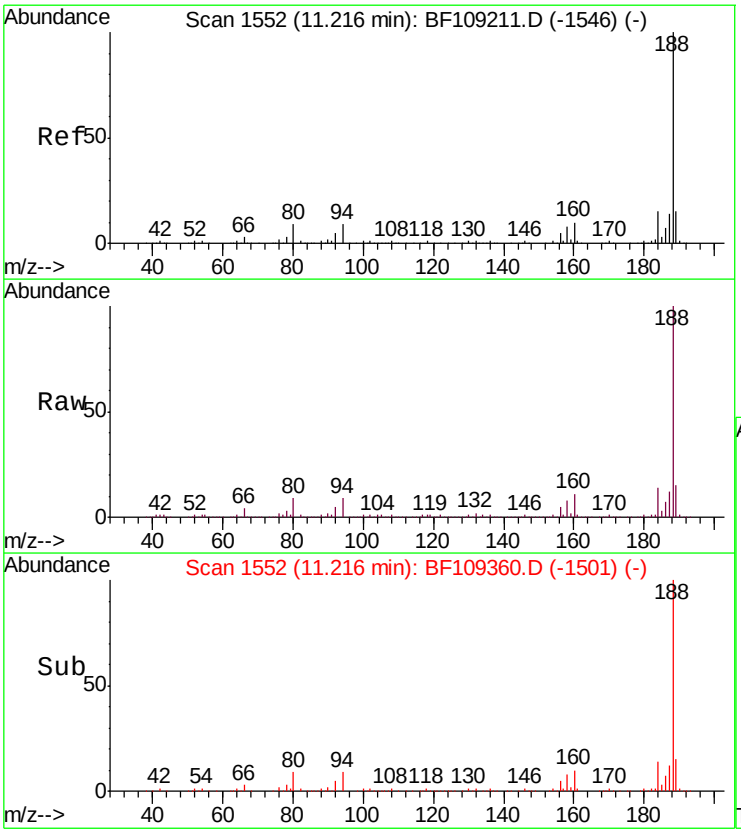
#53
2,4-Dinitrophenol
Concen: 9.071 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.05 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:184 Resp: 411

Ion	Ratio	Lower	Upper
184	100		
63	364.5	54.2	81.2#
154	0.0	184.0	276.0#

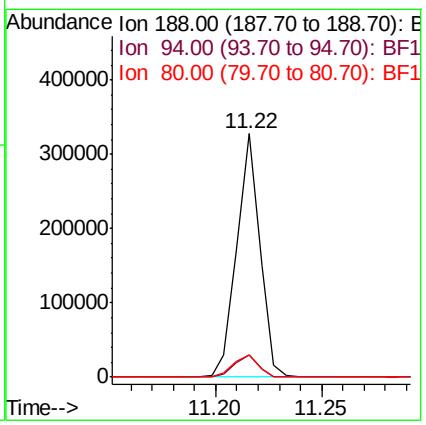


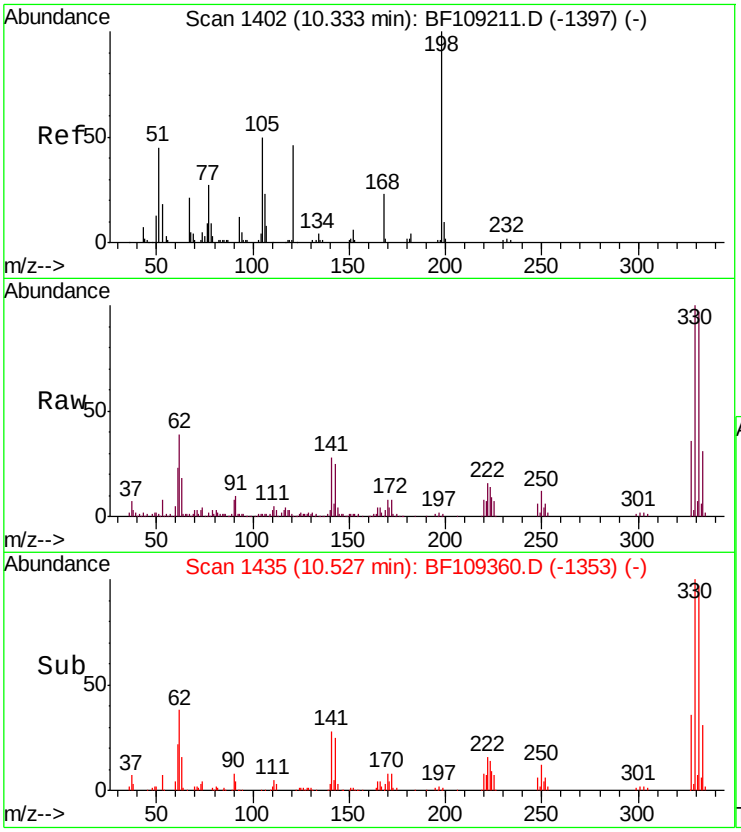


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:188 Resp: 246808

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.4	9.2	13.8



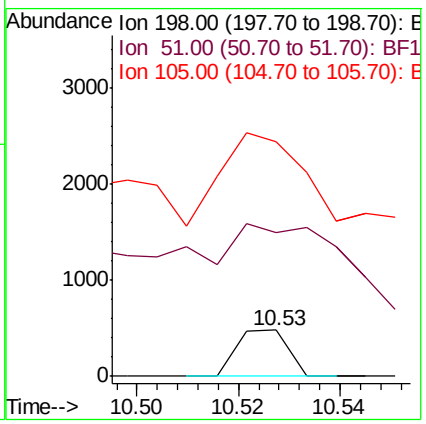


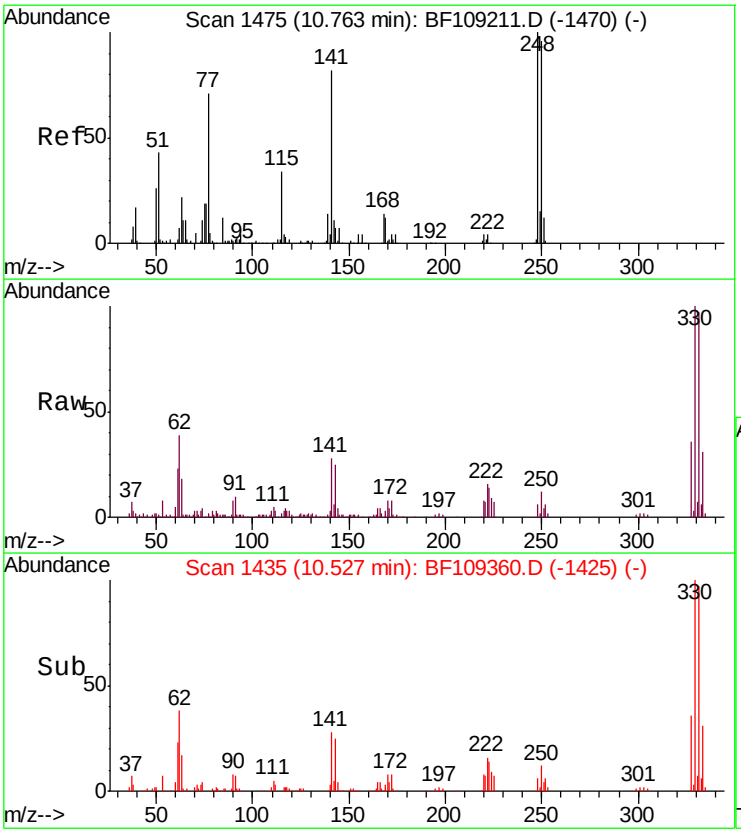
#64
4,6-Dinitro-2-methylphenol
Concen: 6.814 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.18 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:198 Resp: 336

Ion	Ratio	Lower	Upper
198	100		
51	311.2	37.7	77.7#
105	507.5	36.3	76.3#

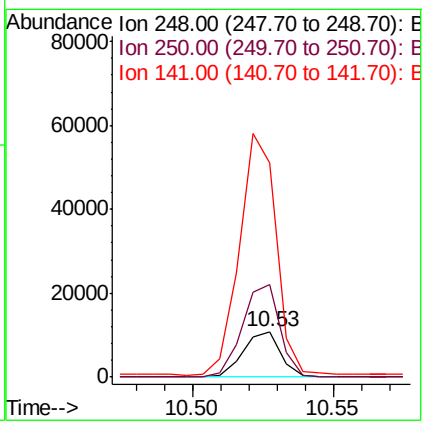


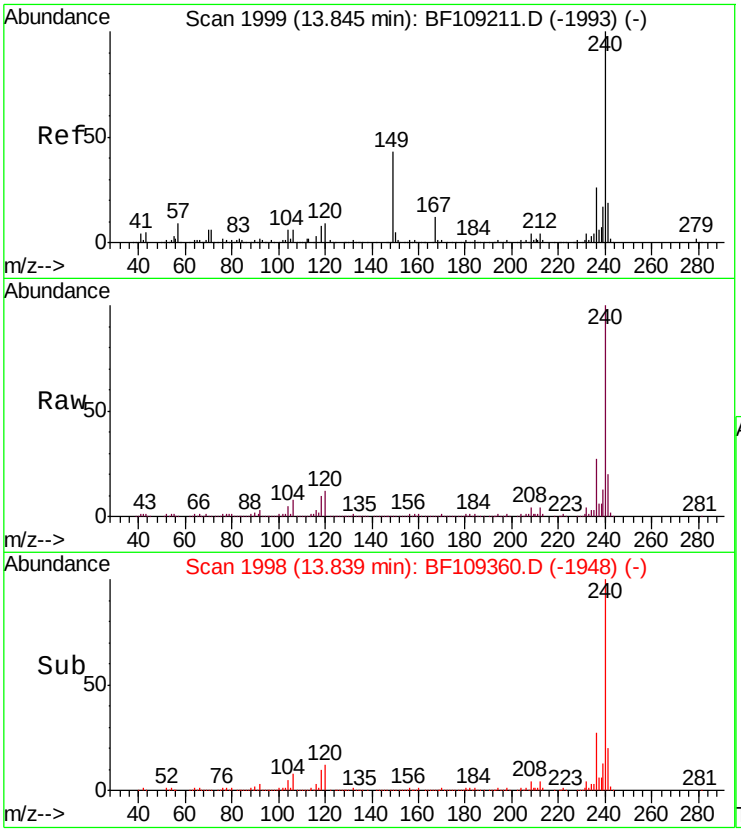


#66
4-Bromophenyl-phenylether
Concen: 3.661 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:248 Resp: 10035

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	468.1	74.4	111.6#



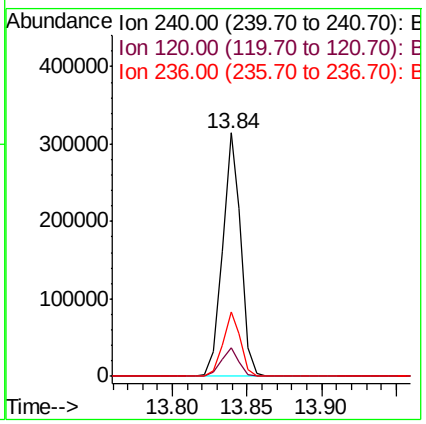


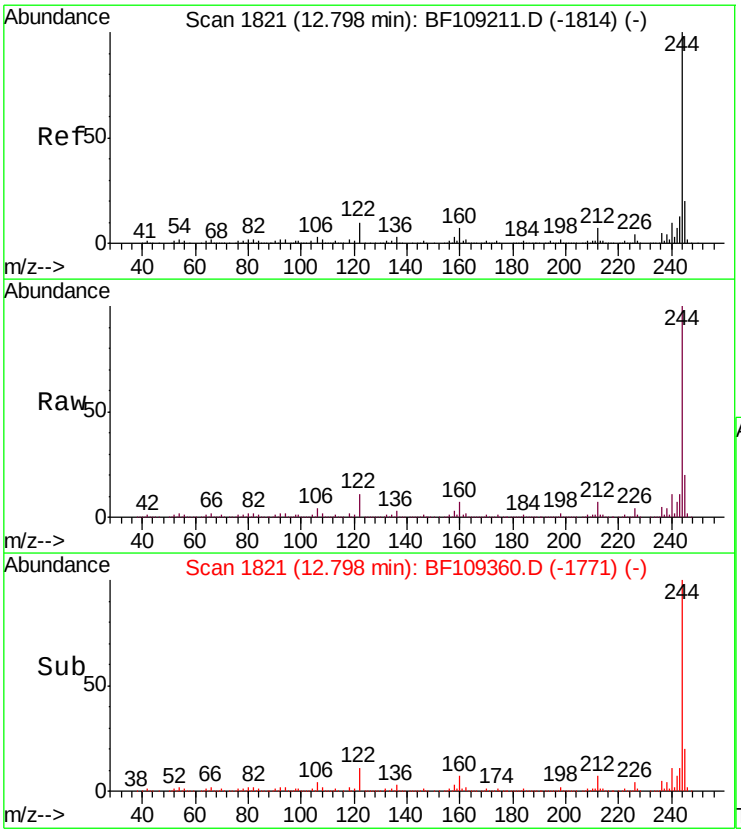
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:240 Resp: 272047

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.5	20.7	31.1

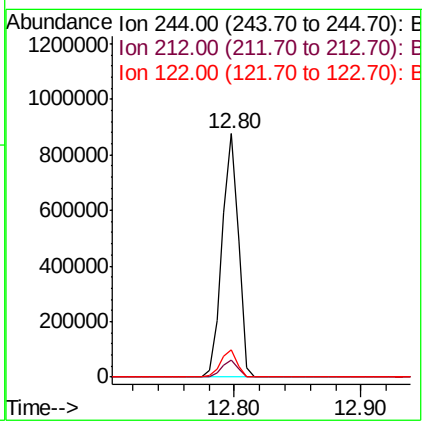


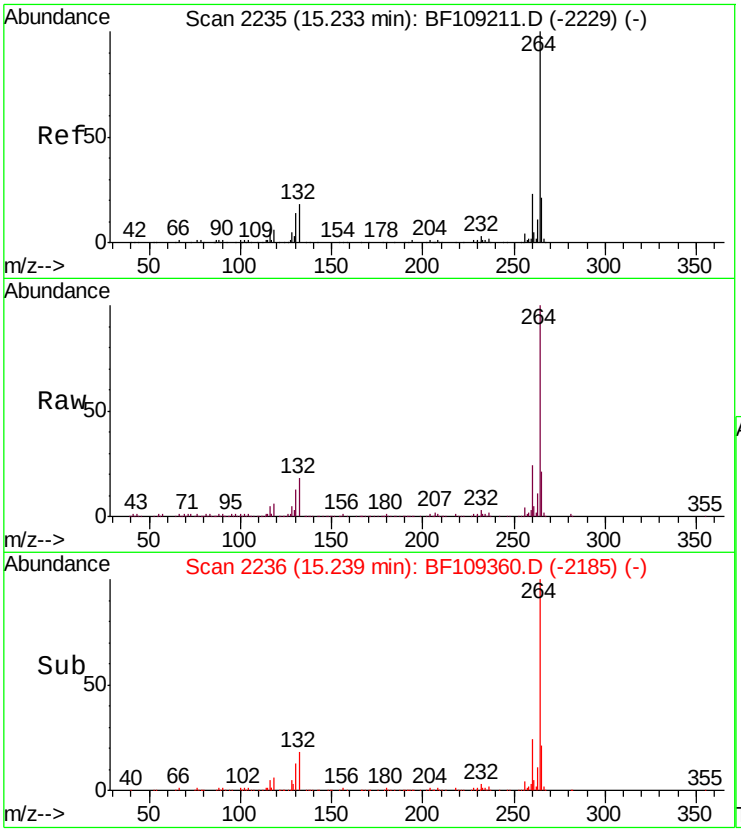


#78
Terphenyl-d14
Concen: 71.145 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:244 Resp: 788648

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.4	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: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tgt Ion:264 Resp: 224391

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3