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

Quantitation Report (Not Reviewed)

Data File : BF109362.D
Acq On : 27 Sep 2018 3:10
Operator : JU/SJ
Sample : J5053-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW11-GW

Quant Time: Sep 27 05:43:04 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	6.70	152	89392	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	318900	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	134958	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	256546	20.00	ng	0.00
75) Chrysene-d12	13.84	240	283902	20.00	ng	0.00
86) Perylene-d12	15.24	264	251127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	300825	55.43	ng	0.00
7) Phenol-d6	6.34	99	295169	42.62	ng	-0.02
23) Nitrobenzene-d5	7.27	82	458184	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165376	124.30	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	782343	87.43	ng	-0.01
78) Terphenyl-d14	12.80	244	837970	72.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	12038	2.706	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	60942	13.429	ng	# 78
25) Isophorone	7.27	82	437741	44.998	ng	# 64
49) Dimethylphthalate	9.74	163	38873	3.960	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	17076	8.784	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	17076	6.942	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	300	6.772	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9909	3.478	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 : BF109362.D
Acq On : 27 Sep 2018 3:10
Operator : JU/SJ
Sample : J5053-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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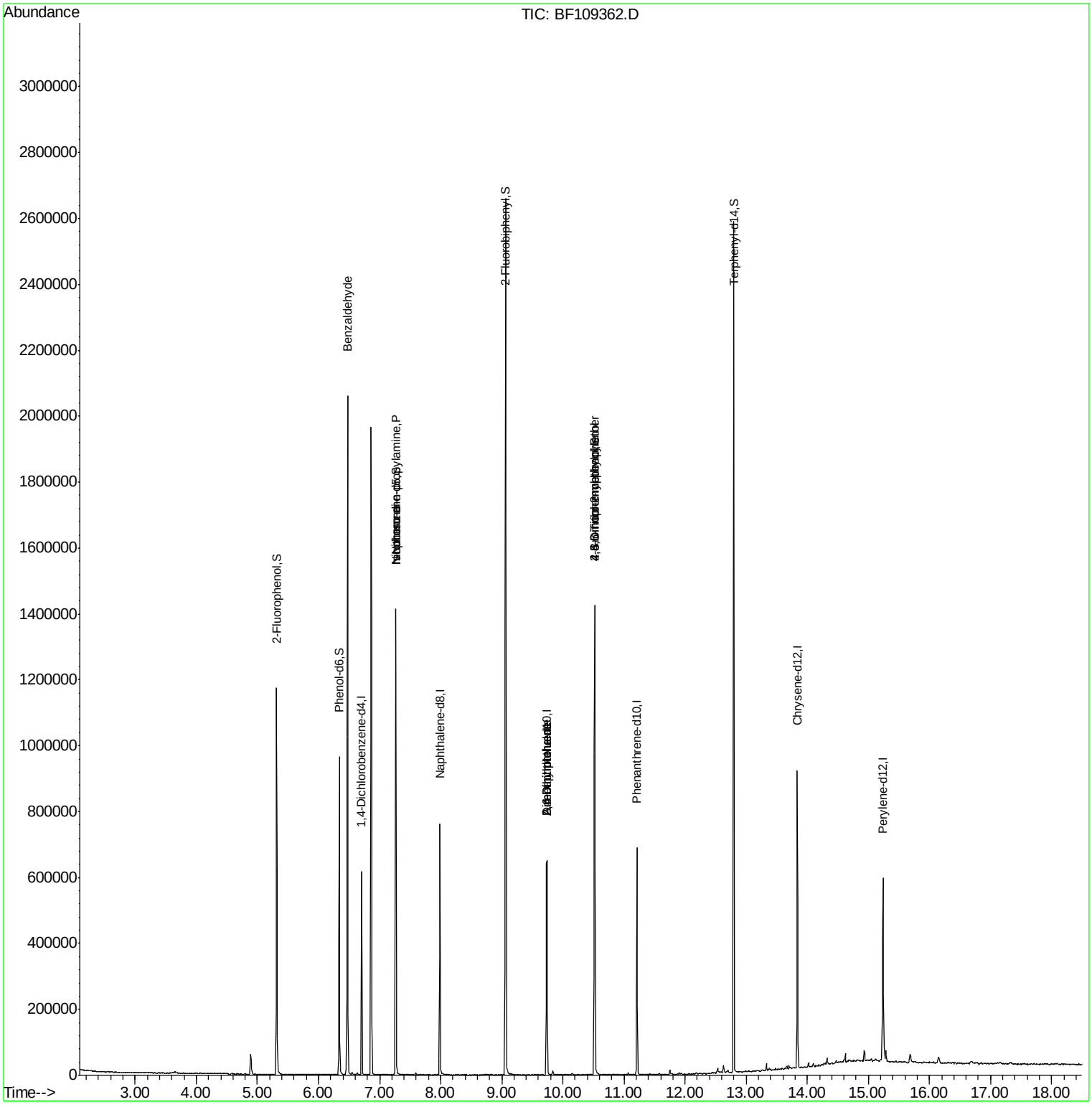
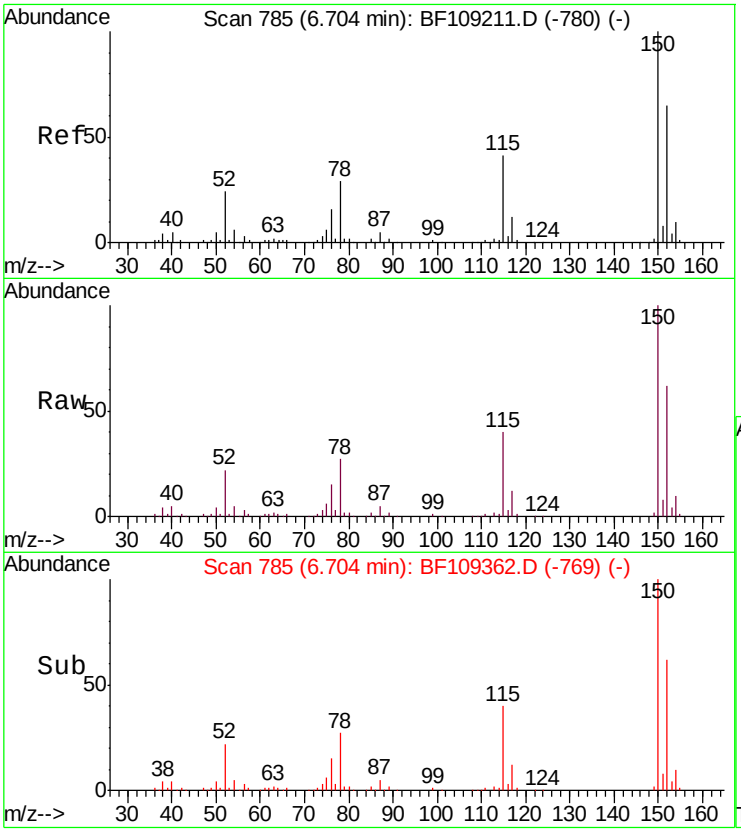


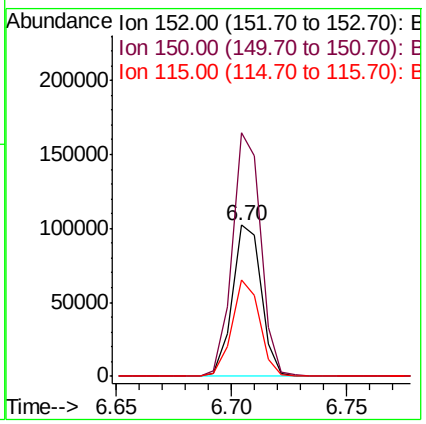


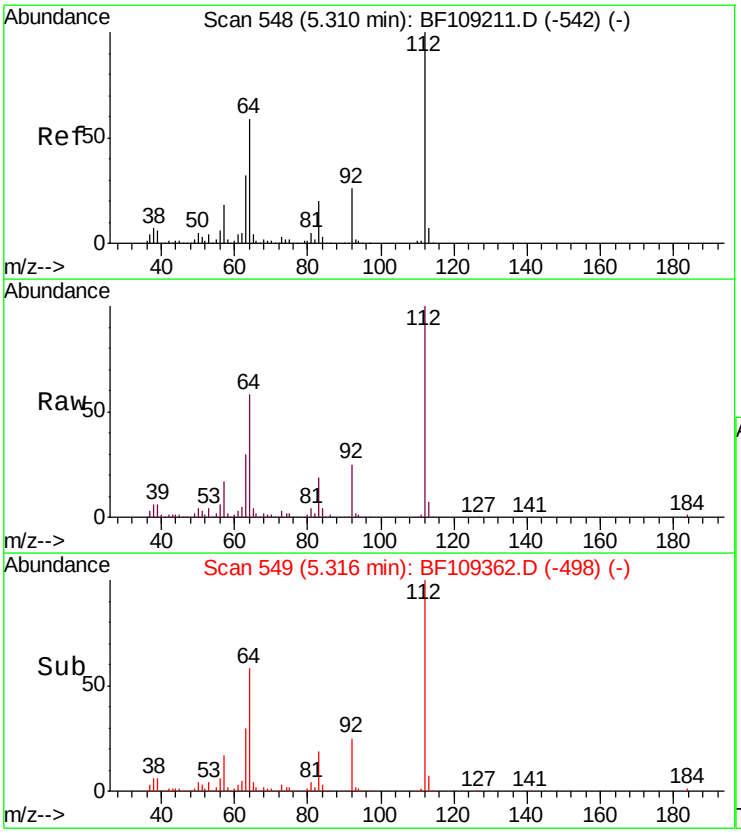
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:152 Resp: 89392

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	63.7	50.1	75.1

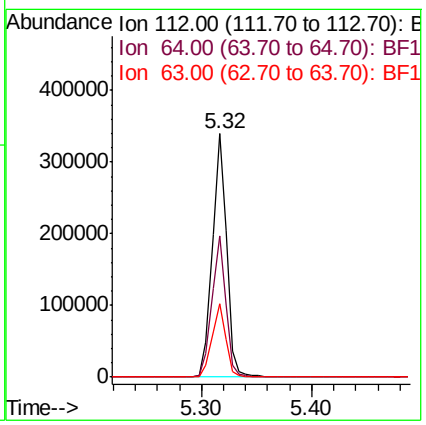


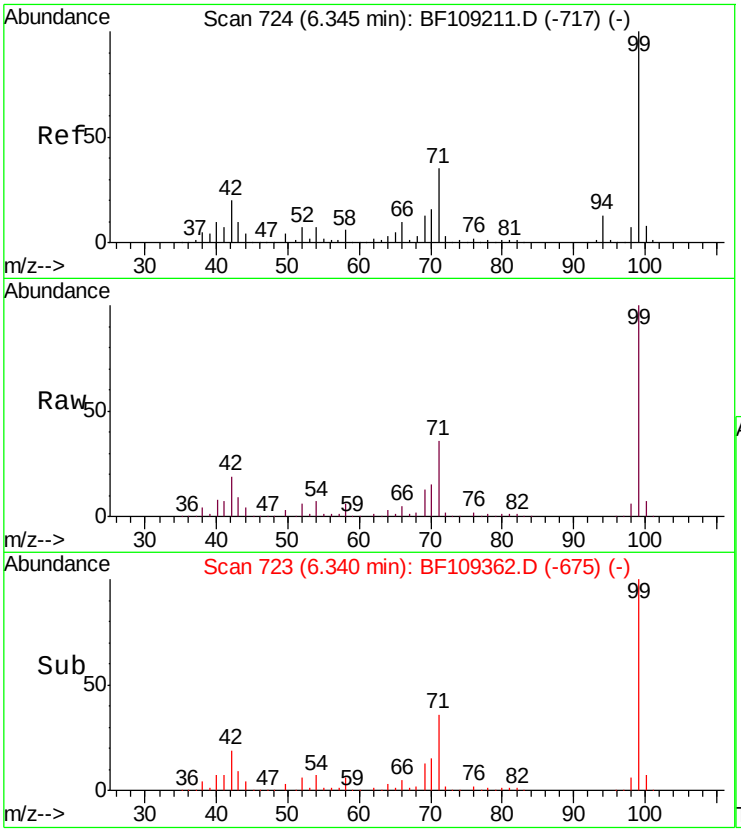


#5
2-Fluorophenol
Concen: 55.428 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:112 Resp: 300825

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	30.4	23.7	35.5



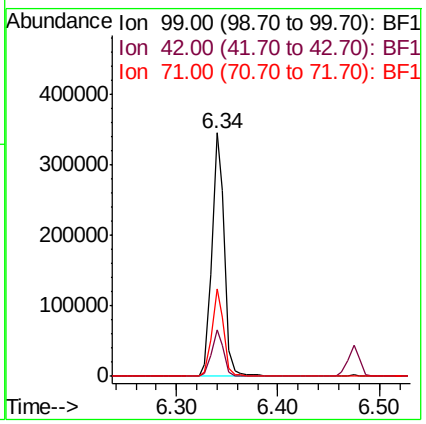


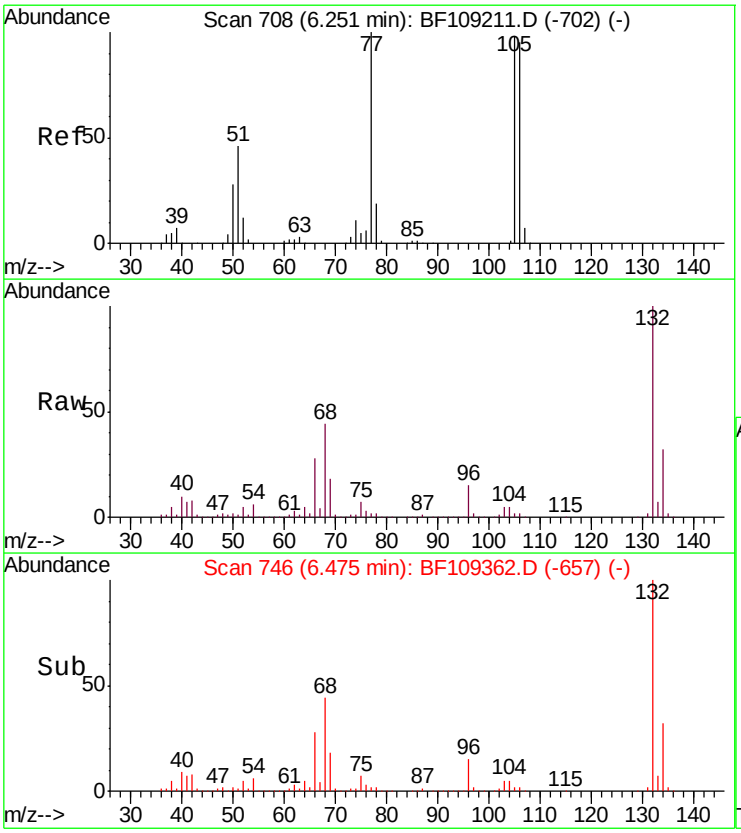
#7
Phenol-d6
Concen: 42.621 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion: 99 Resp: 295169

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	35.9	25.4	38.0

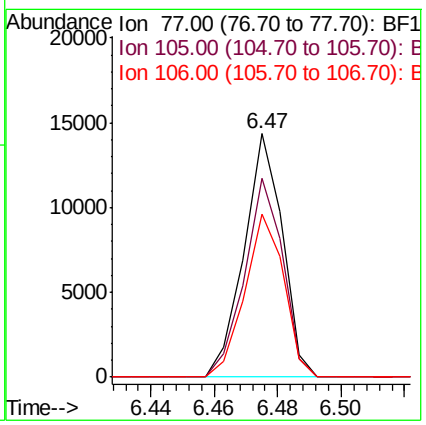


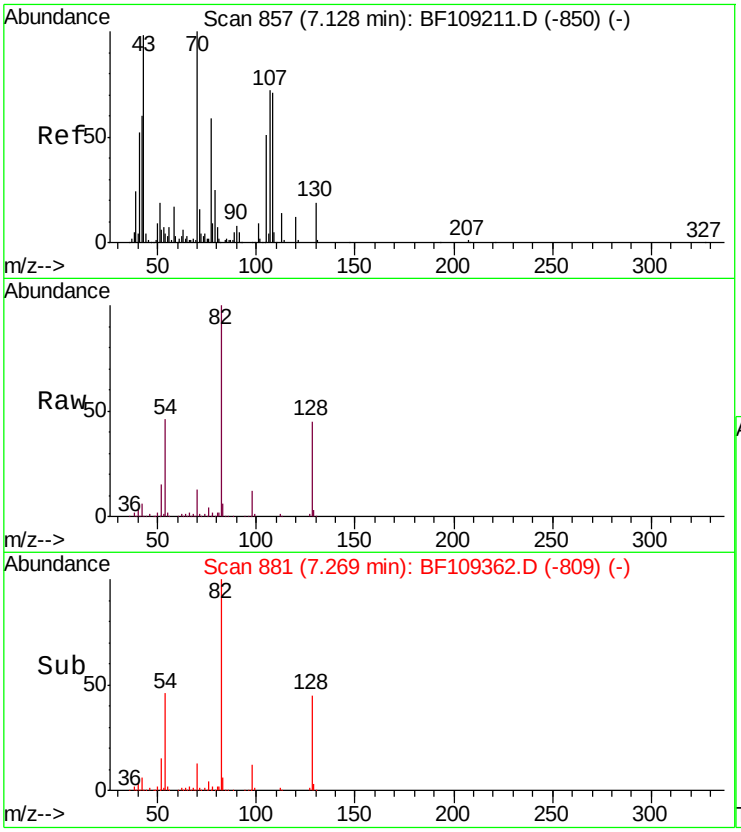


#9
Benzaldehyde
Concen: 2.706 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion: 77 Resp: 12038

Ion	Ratio	Lower	Upper
77	100		
105	81.8	81.1	121.1
106	67.1	74.5	114.5#



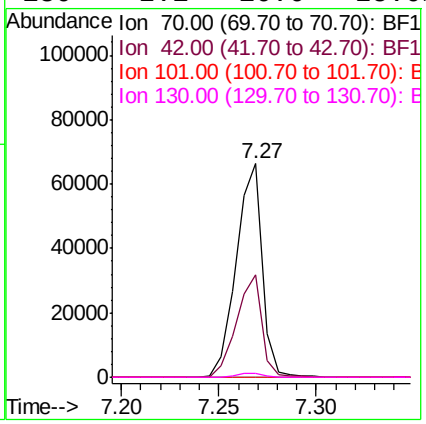


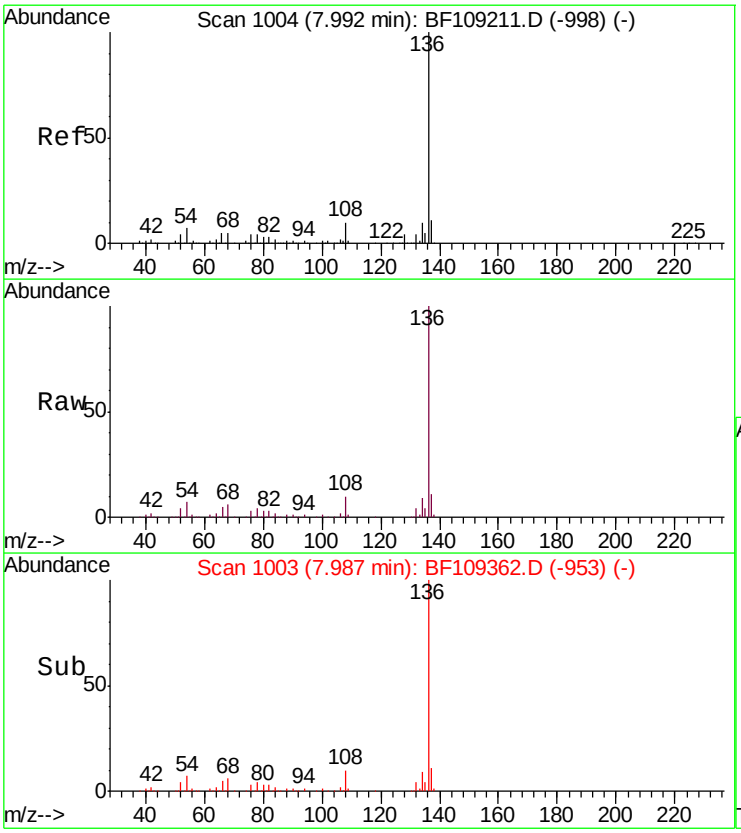
#19
n-Nitroso-di-n-propylamine
Concen: 13.429 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion: 70 Resp: 60942

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

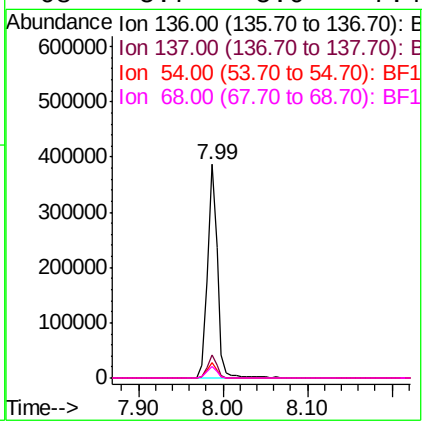


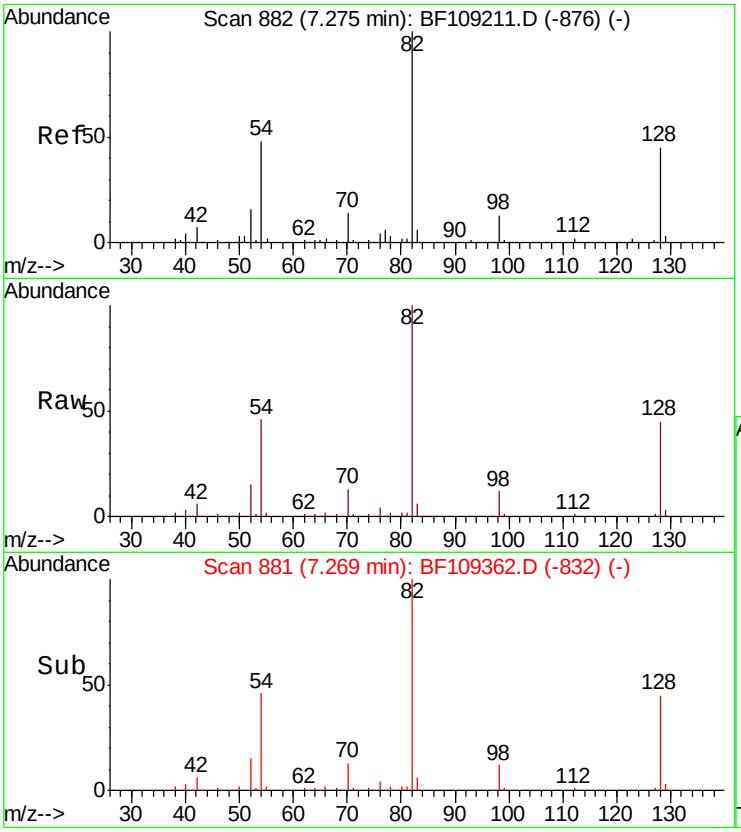


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:136 Resp: 318900

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4



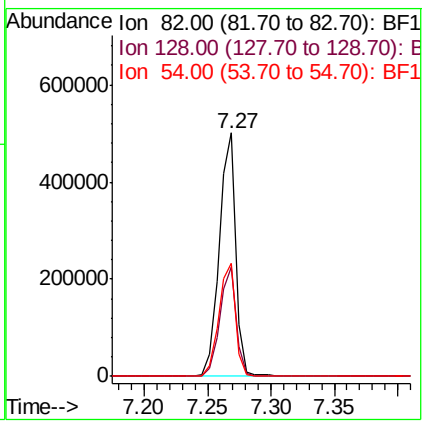


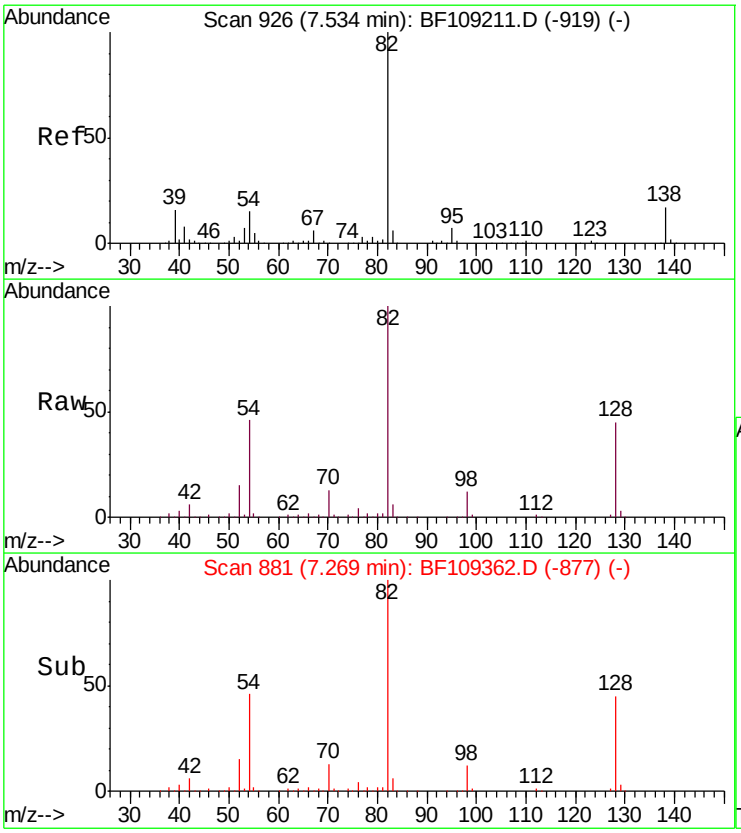
#23
Nitrobenzene-d5
Concen: 84.814 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion: 82 Resp: 458184

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	46.5	41.4	62.2

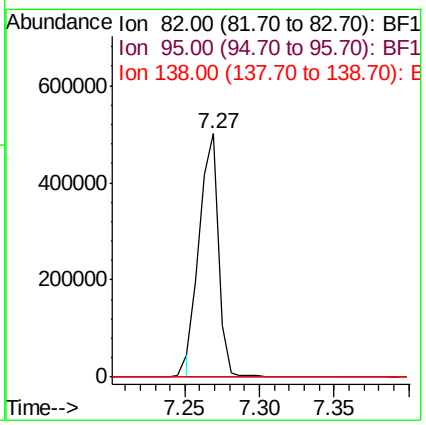


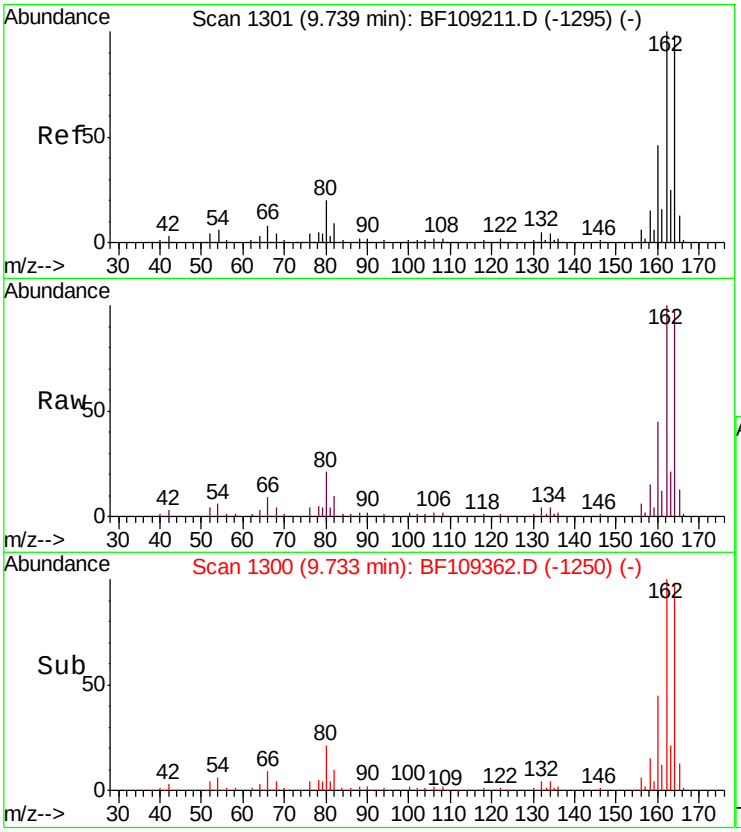


#25
Isophorone
Concen: 44.998 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion: 82 Resp: 437741

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



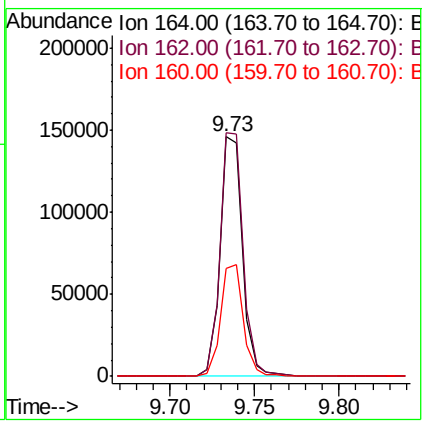


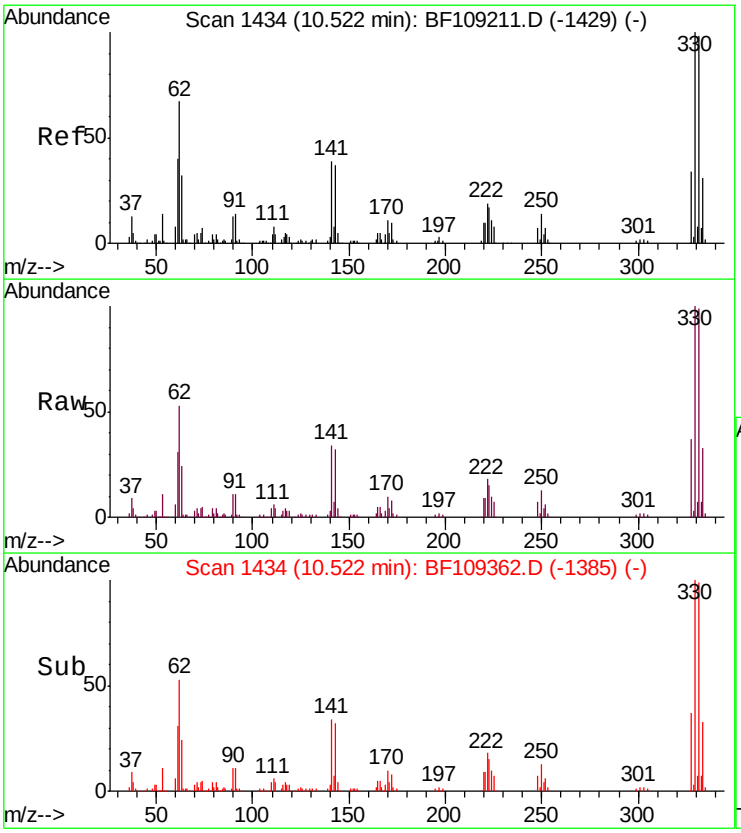
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:164 Resp: 134958

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.4	38.3	57.5

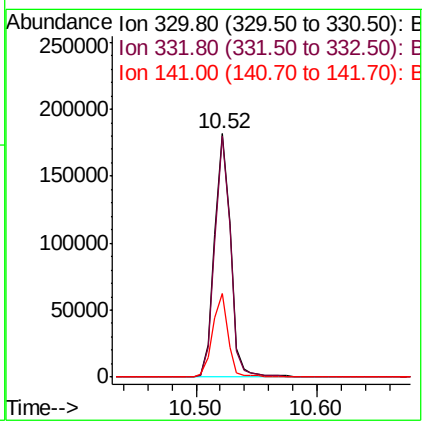


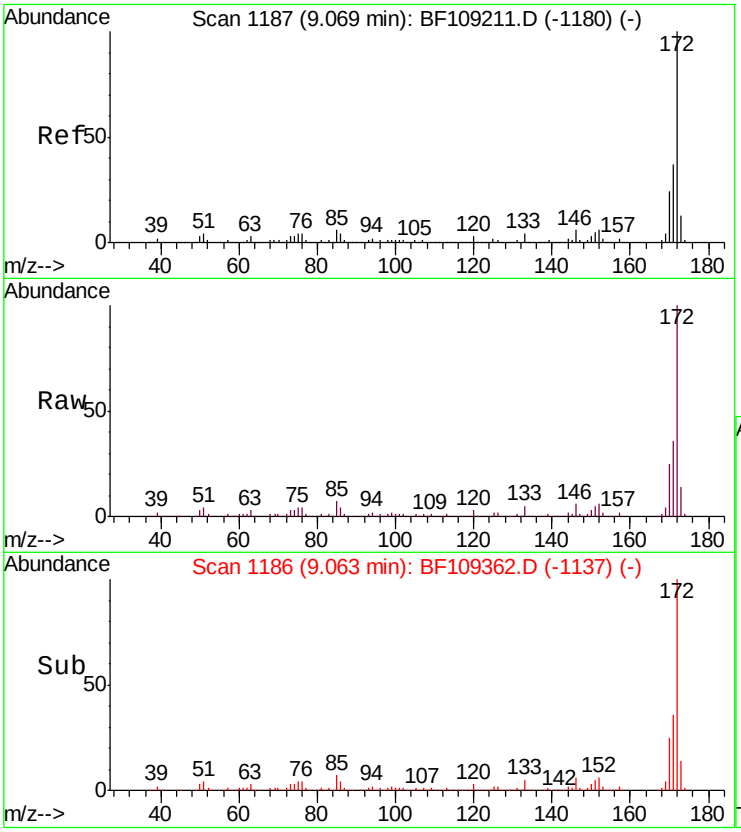


#41
2,4,6-Tribromophenol
Concen: 124.305 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:330 Resp: 165376

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.7	29.9	44.9



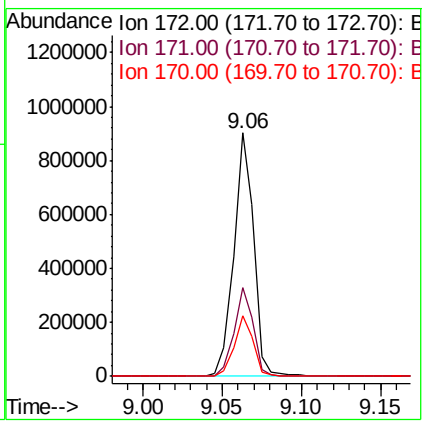


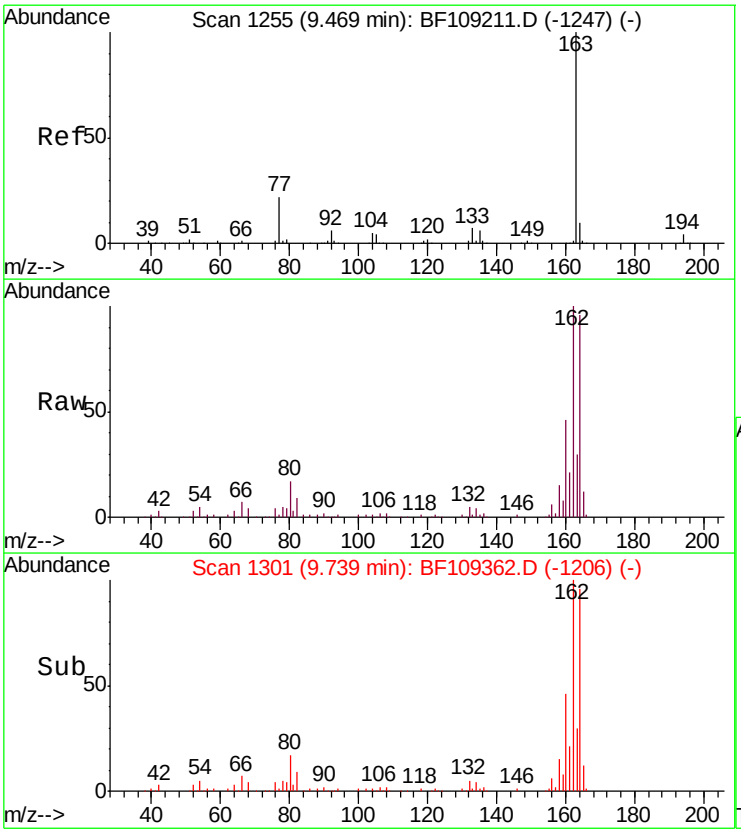
#44
2-Fluorobiphenyl
Concen: 87.429 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:172 Resp: 782343

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4

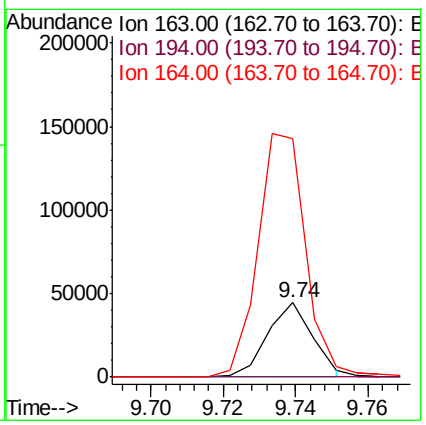


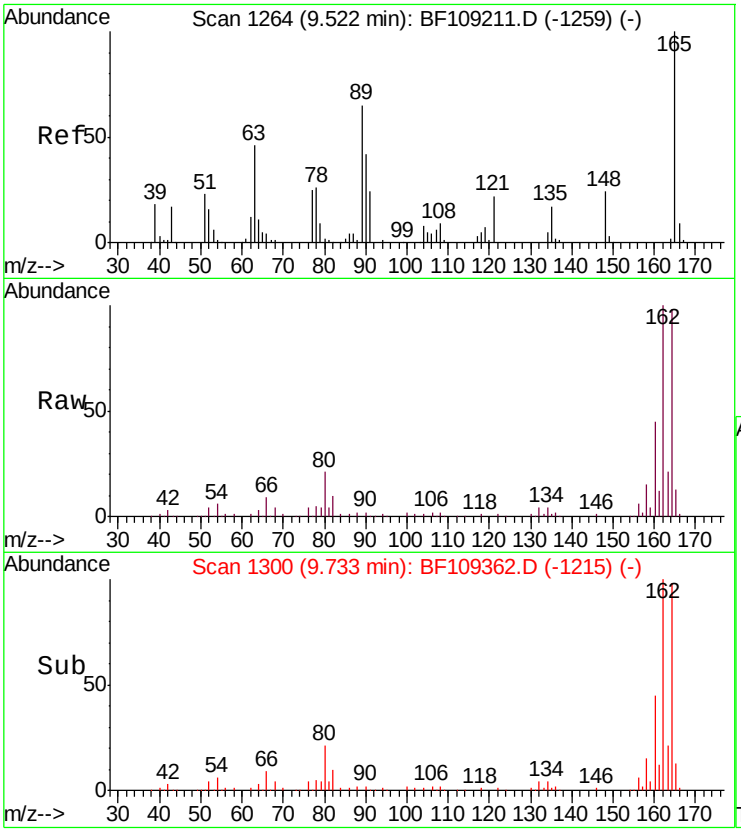


#49
Dimethylphthalate
Concen: 3.960 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.26 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:163 Resp: 38873

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	320.8	8.2	12.2#



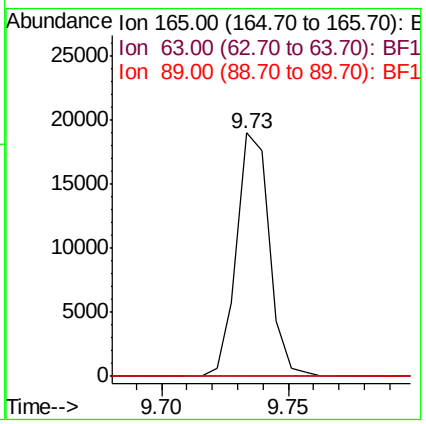


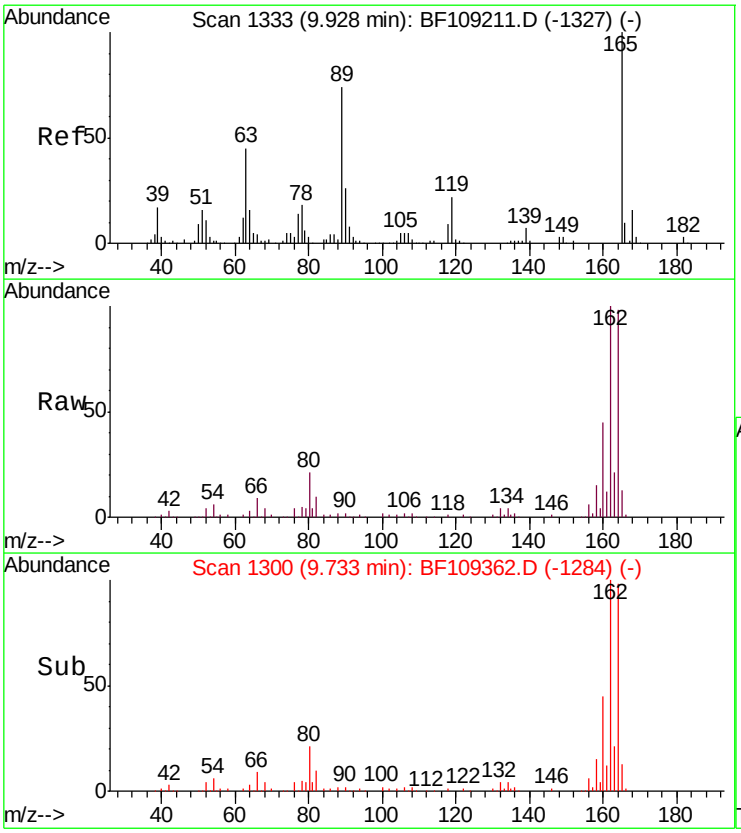
#50
2,6-Dinitrotoluene
Concen: 8.784 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:165 Resp: 17076

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

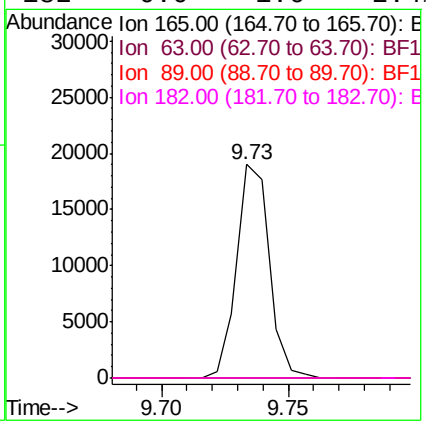


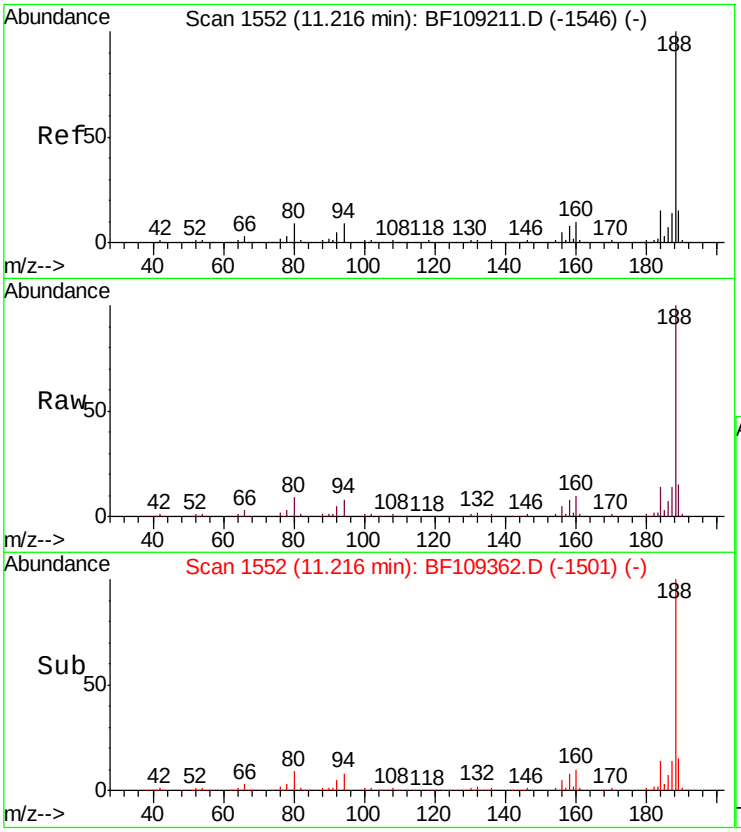


#56
2,4-Dinitrotoluene
Concen: 6.942 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:165 Resp: 17076

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



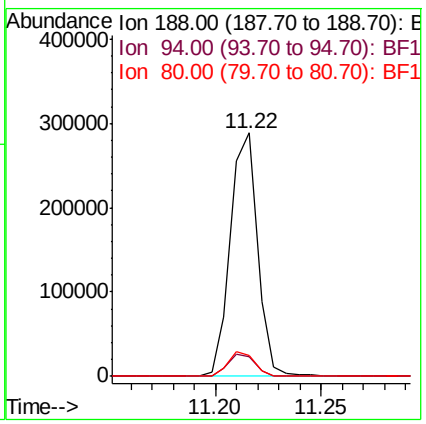


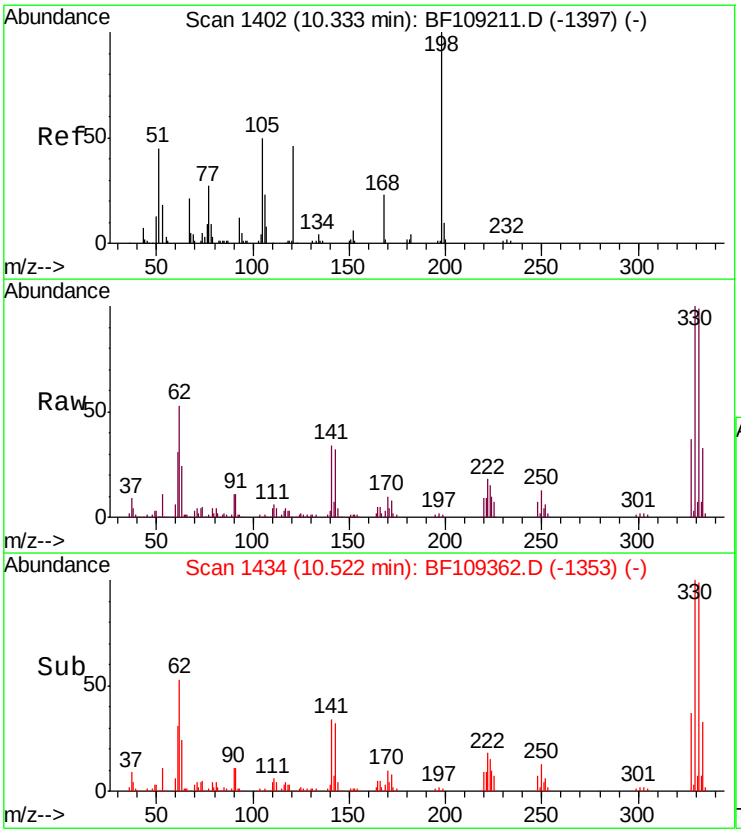
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:188 Resp: 256546

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.6	9.2	13.8#

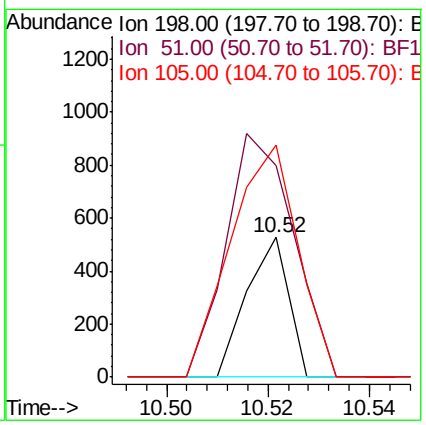


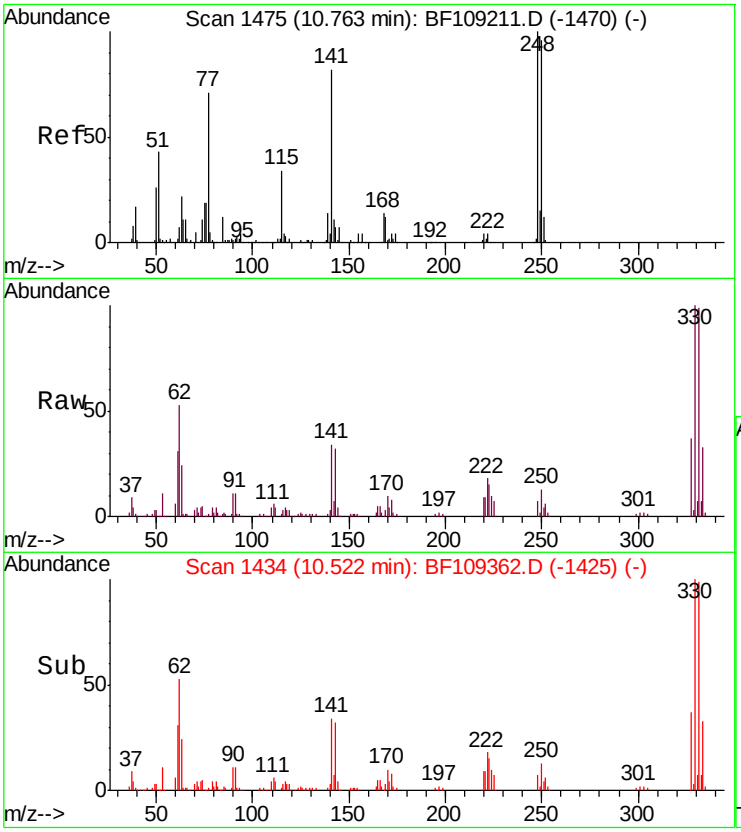


#64
4,6-Dinitro-2-methylphenol
Concen: 6.772 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	151.9	37.7	77.7#
105	166.9	36.3	76.3#



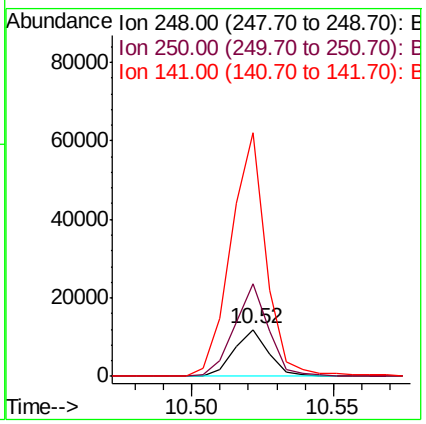


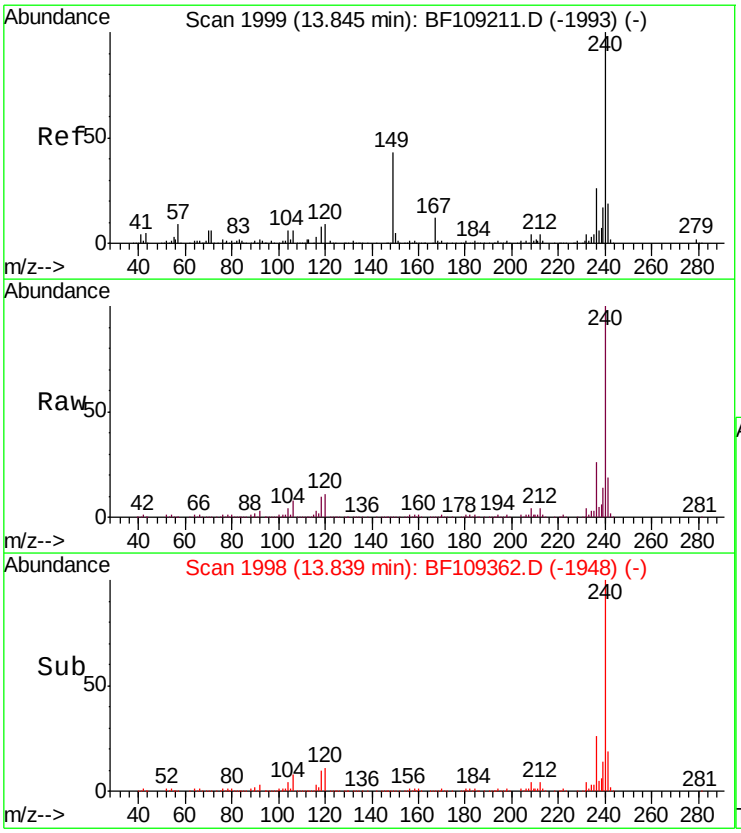
#66
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:248 Resp: 9909

Ion	Ratio	Lower	Upper
248	100		
250	197.7	76.9	115.3#
141	523.3	74.4	111.6#

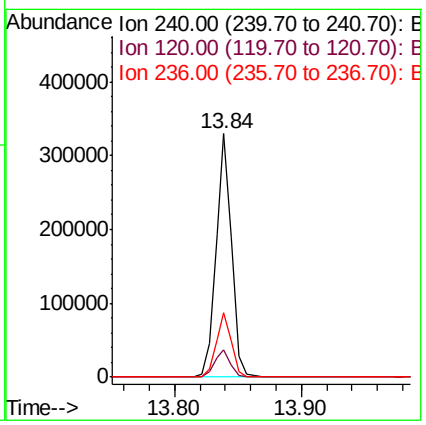


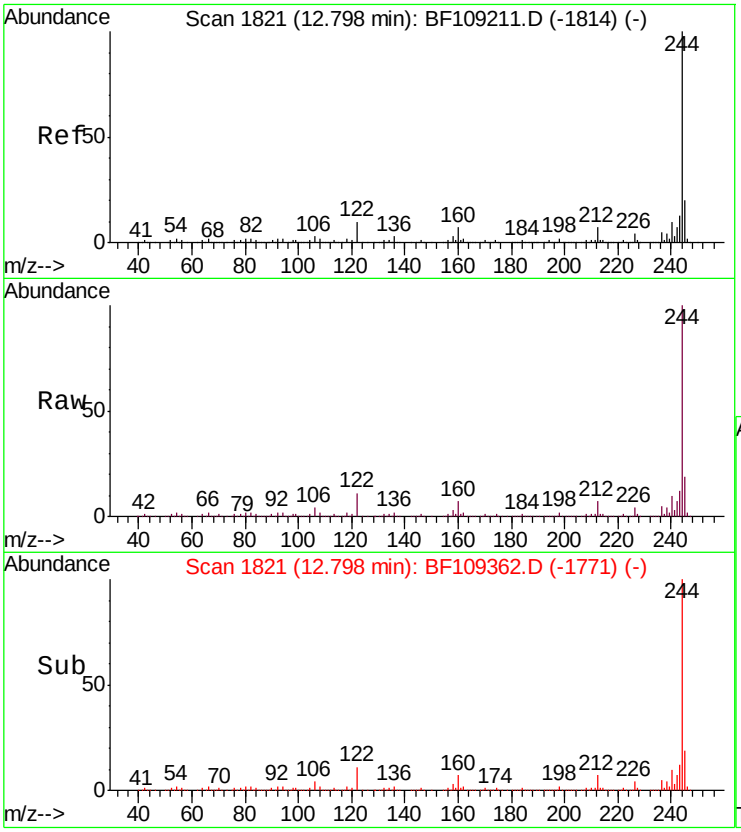


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:240 Resp: 283902

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.3	20.7	31.1



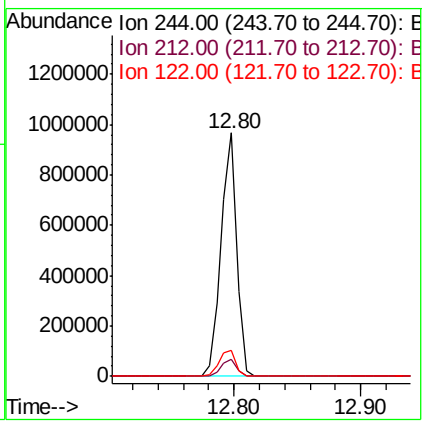


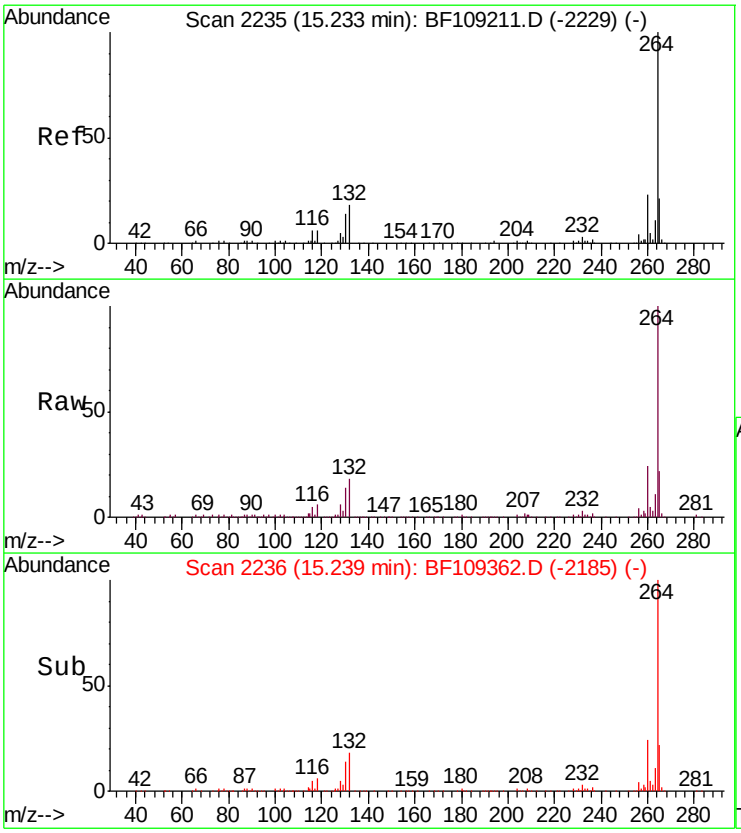
#78
Terphenyl-d14
Concen: 72.438 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:244 Resp: 837970

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.5	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: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:264 Resp: 251127

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3