Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-I4

Quant Time: Sep 28 05:13:57 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	108884	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	417526	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	192522	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	329859	20.00	ng		0.00
75) Chrysene-d12	13.84	240	253768	20.00	ng		0.00
86) Perylene-d12	15.24	264	276194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	538076	81.39	ng		0.00
7) Phenol-d6	6.35	99	682982	80.96	ng		-0.01
23) Nitrobenzene-d5	7.26	82	436414	61.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	153952	81.12	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	782204	61.28	ng		-0.01
78) Terphenyl-d14	12.79	244	600820	58.10	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	26293	2.752	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	59002	10.674	ng	#	76
25) Isophorone	7.26	82	411431	32.303	ng	#	64
49) Dimethylphthalate	9.46	163	247960	17.708	ng		100
56) 2,4-Dinitrotoluene	9.73	165	25390	7.236	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.52	198	281	6.704	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	9297	2.538	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109392.D
Acq On : 27 Sep 2018 17:30
Operator : JU/SJ
Sample : J5066-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Quant Time: Sep 28 05:13:57 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
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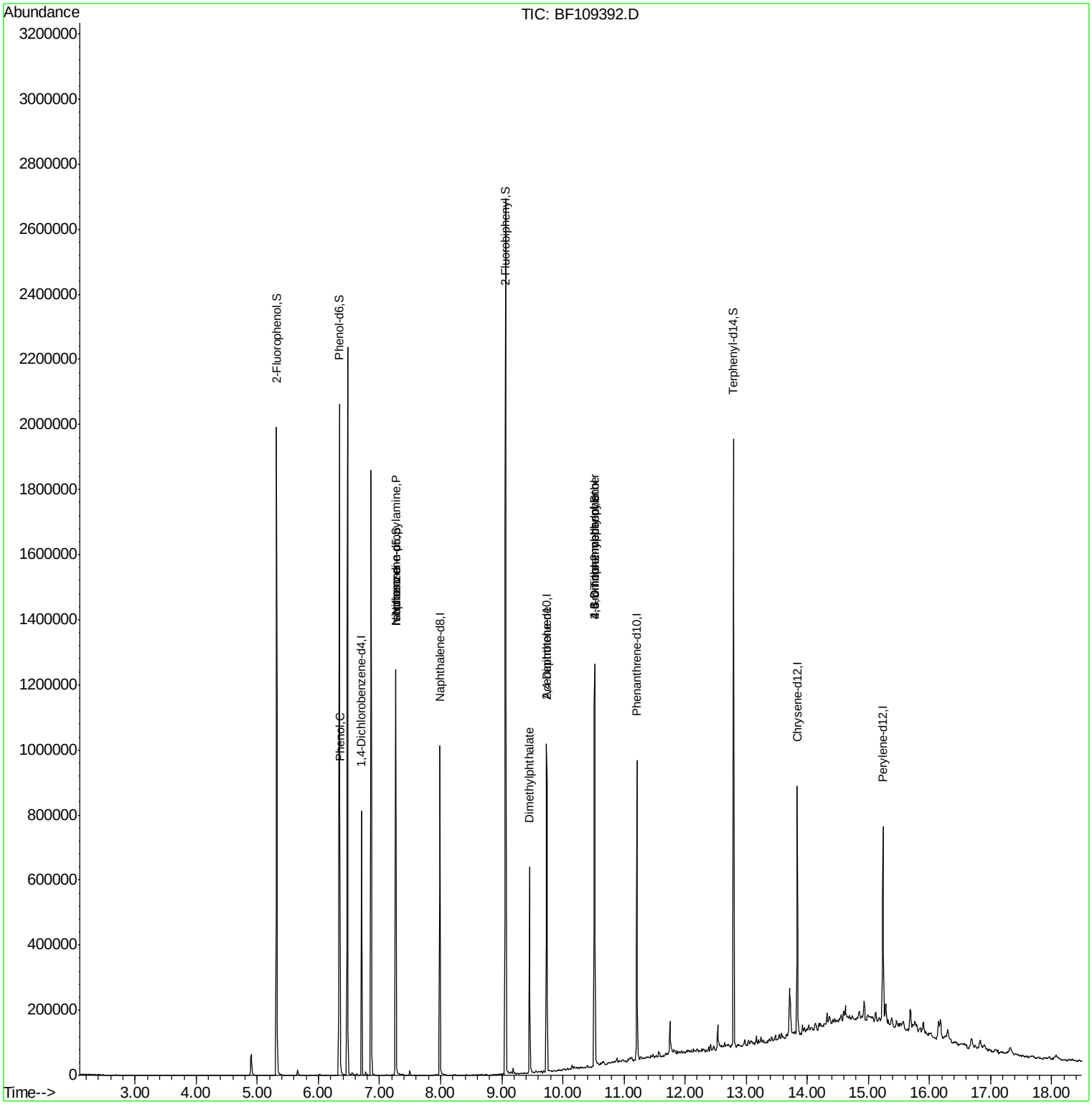
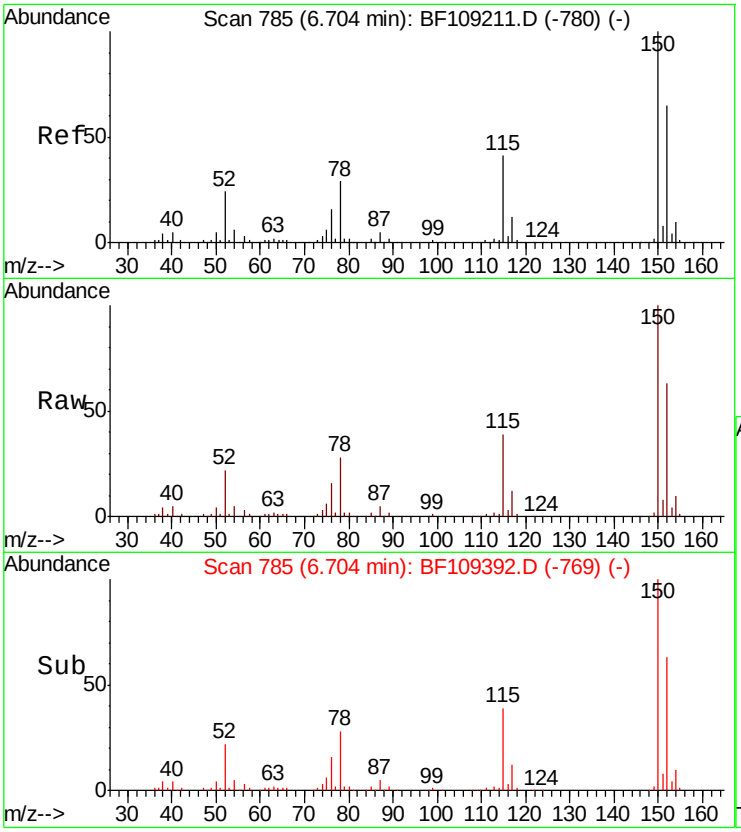


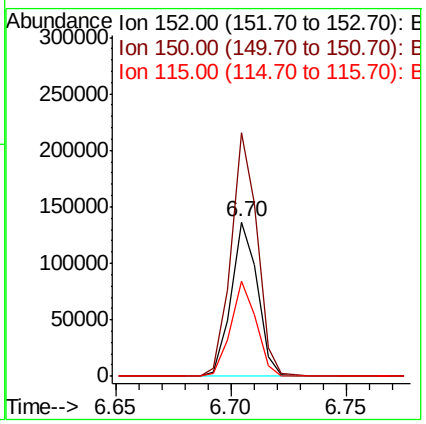


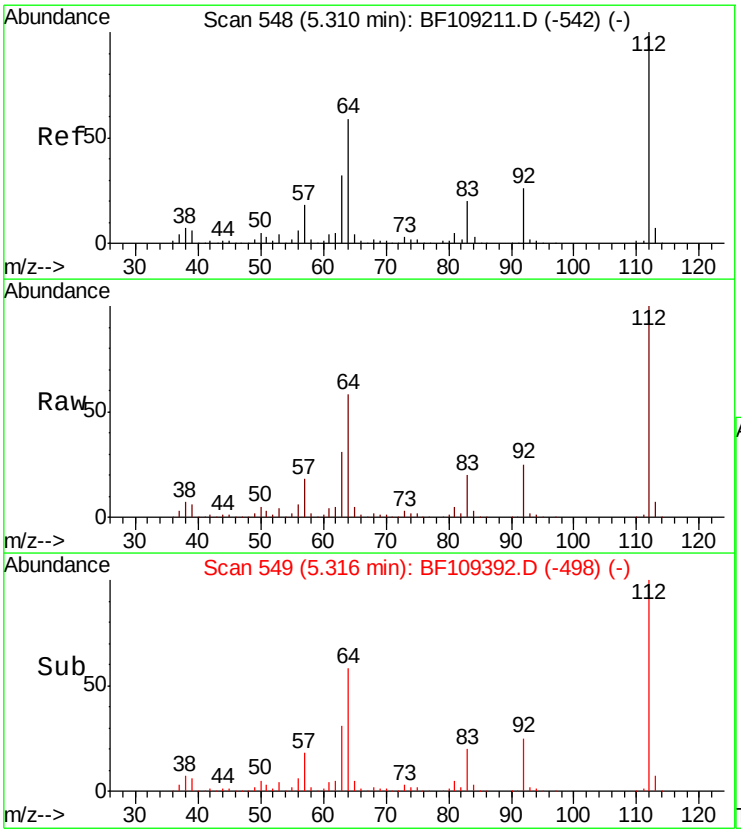
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:152 Resp: 108884

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.4	50.1	75.1

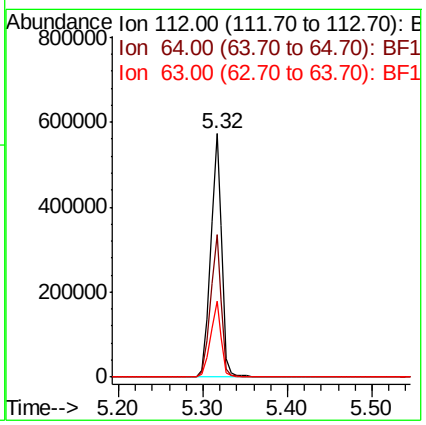


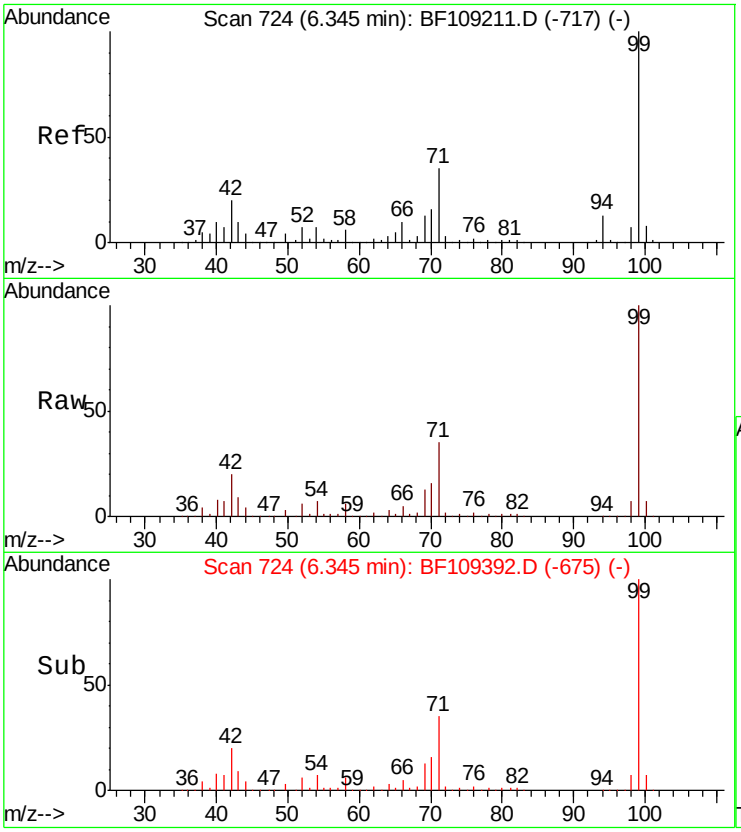


#5
2-Fluorophenol
Concen: 81.394 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:112 Resp: 538076

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	31.1	23.7	35.5



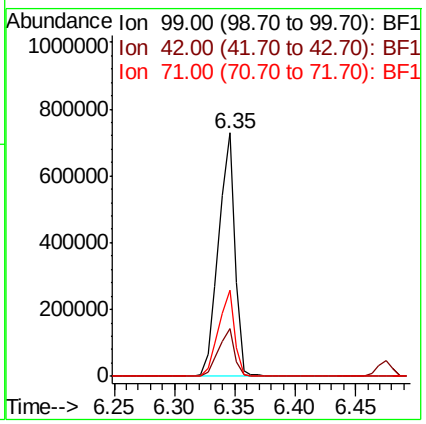


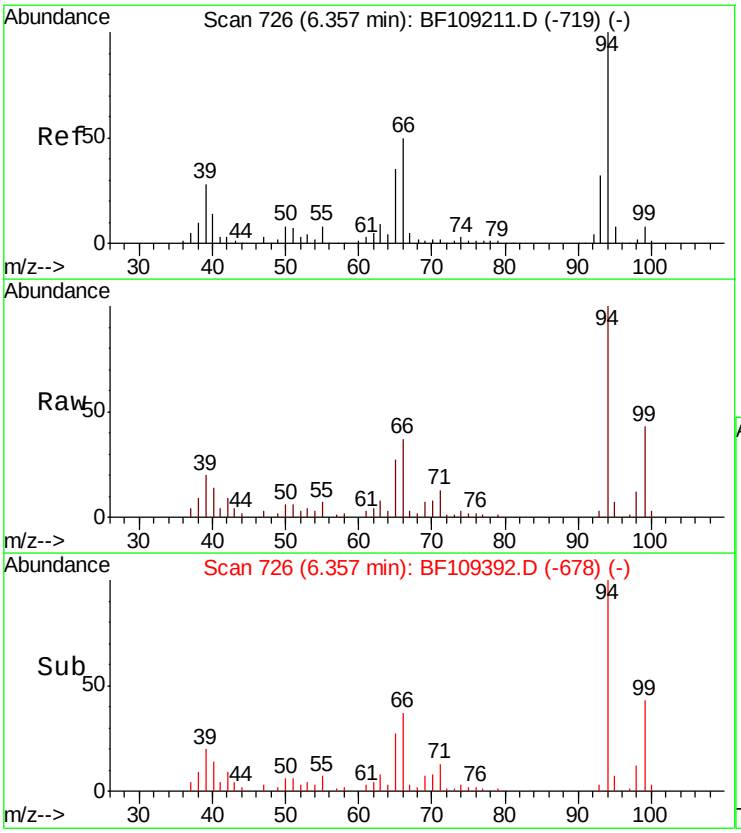
#7
Phenol-d6
Concen: 80.965 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion: 99 Resp: 682982

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.4	25.4	38.0

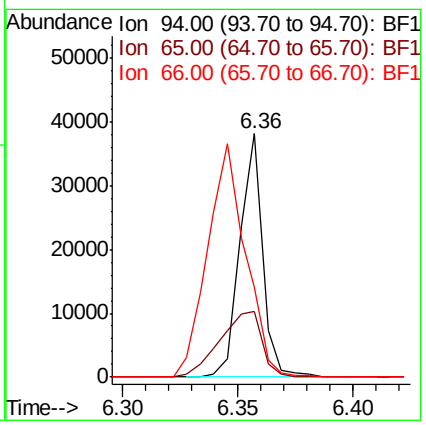


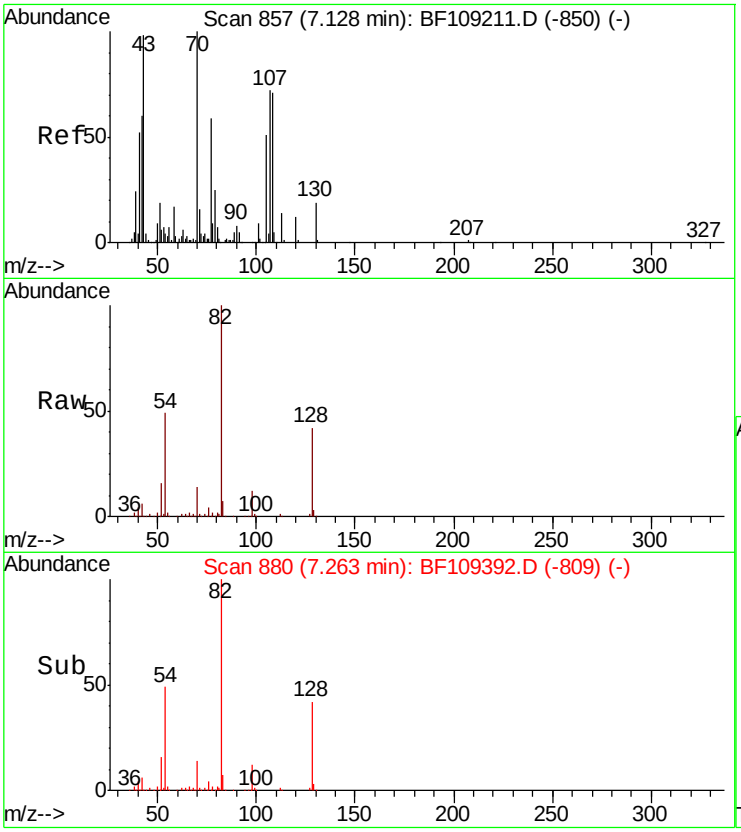


#10
Phenol
Concen: 2.752 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 94 Resp: 26293

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	37.2	16.2	56.2



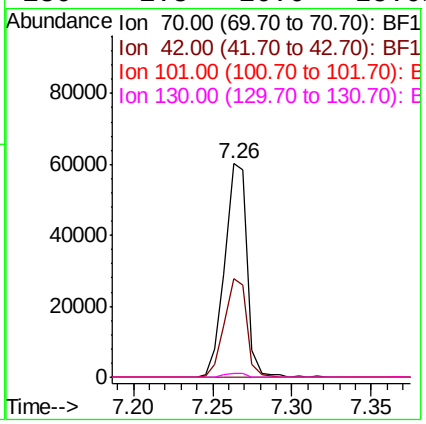


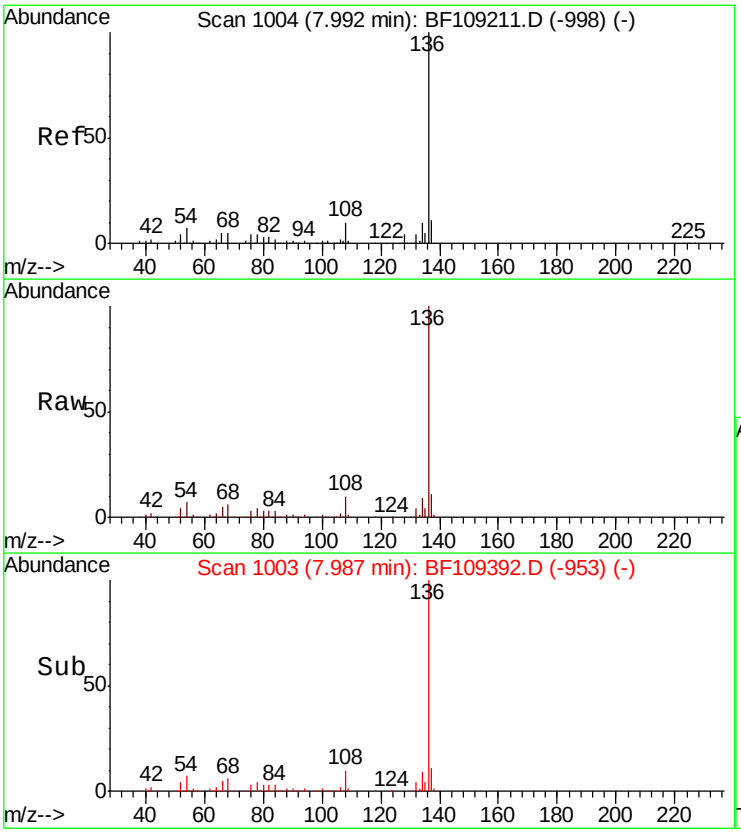
#19
n-Nitroso-di-n-propylamine
Concen: 10.674 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion: 70 Resp: 59002

Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

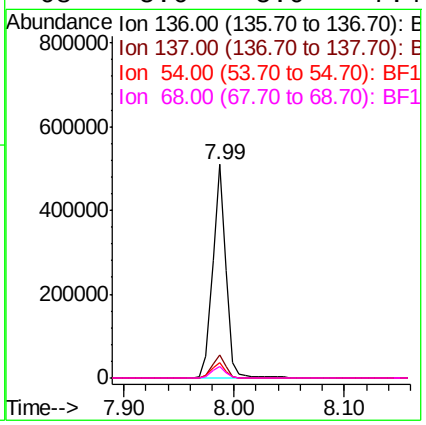


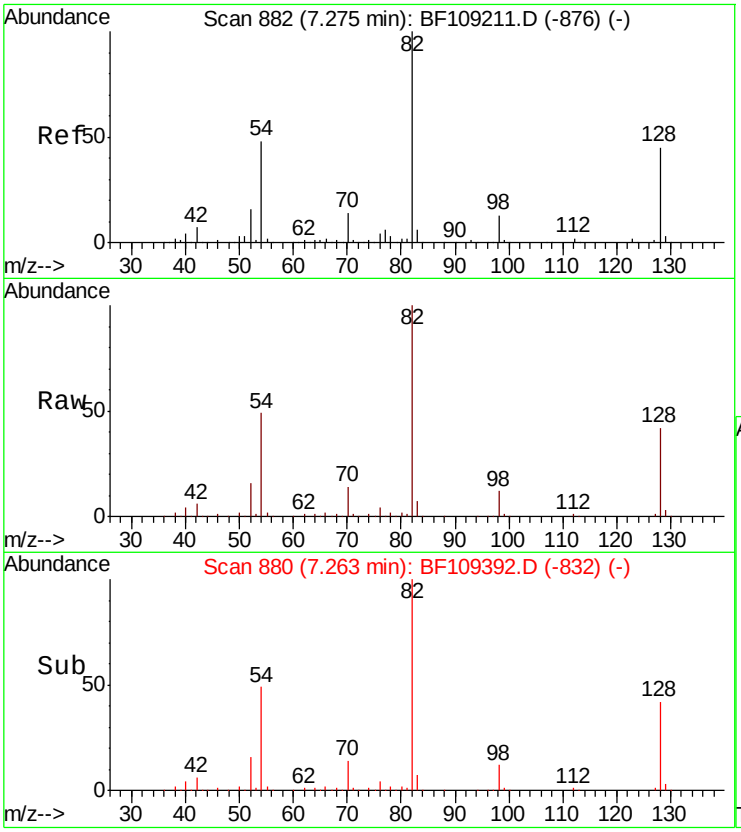


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:136 Resp: 417526

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.6	5.0	7.4



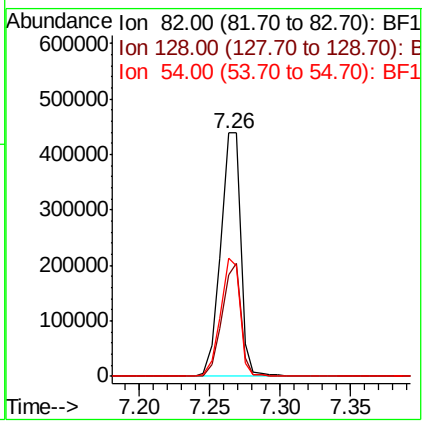


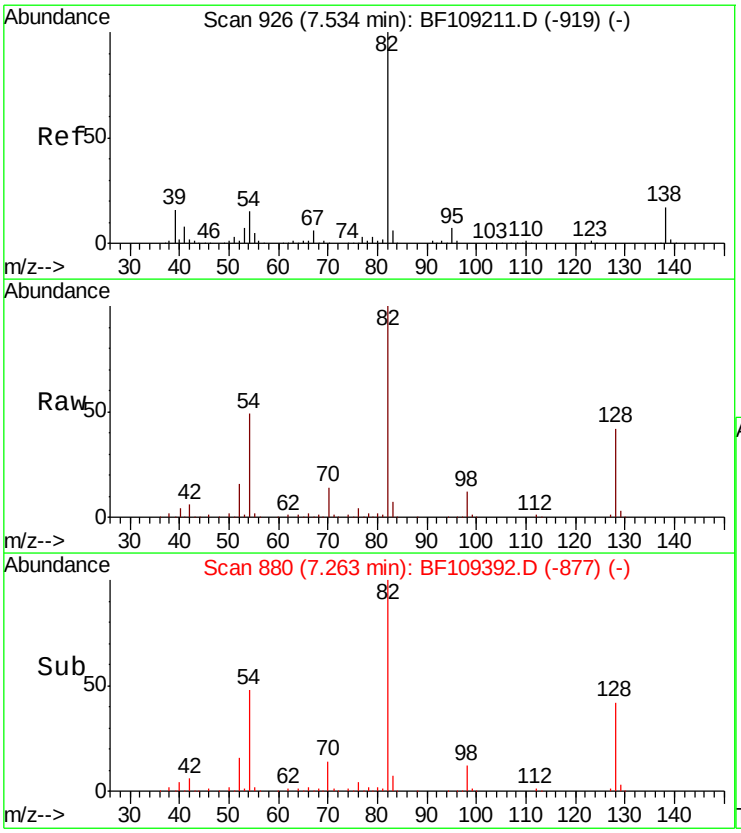
#23
Nitrobenzene-d5
Concen: 61.702 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion: 82 Resp: 436414

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	48.5	41.4	62.2

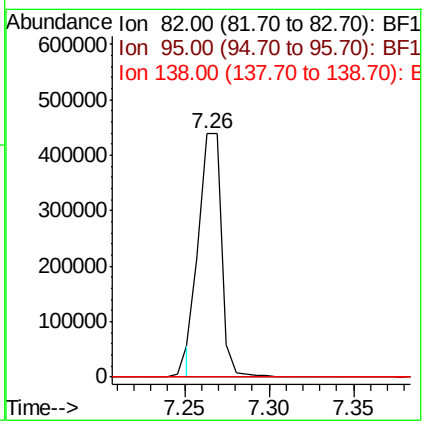


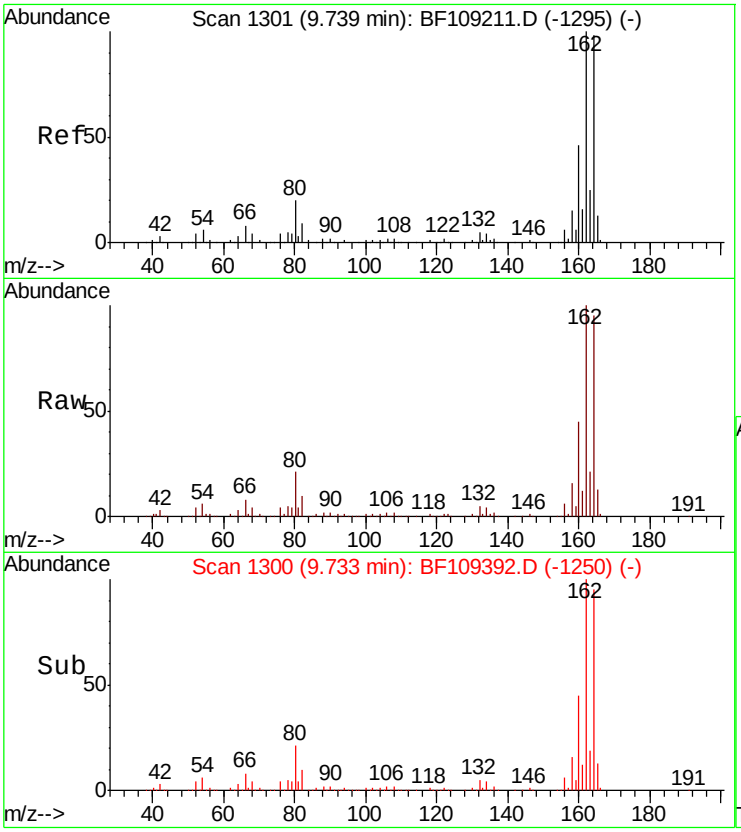


#25
Isophorone
Concen: 32.303 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 82 Resp: 411431

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



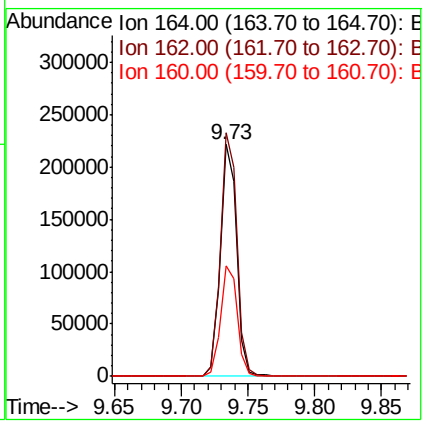


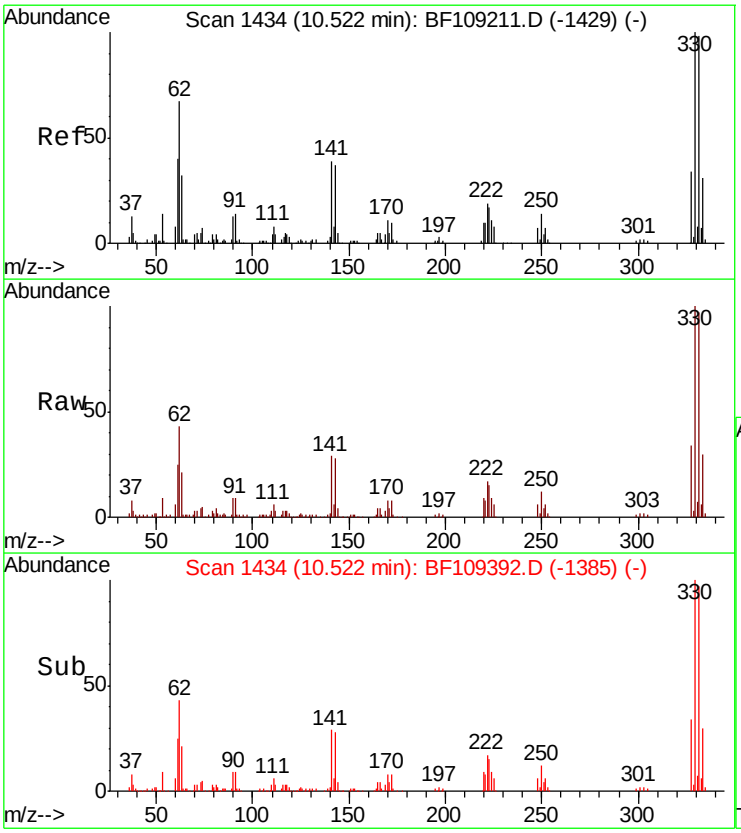
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:164 Resp: 192522

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.4	38.3	57.5

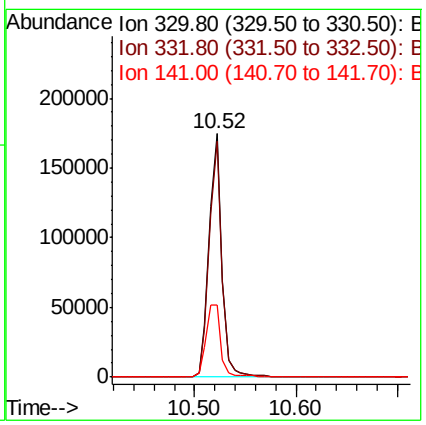


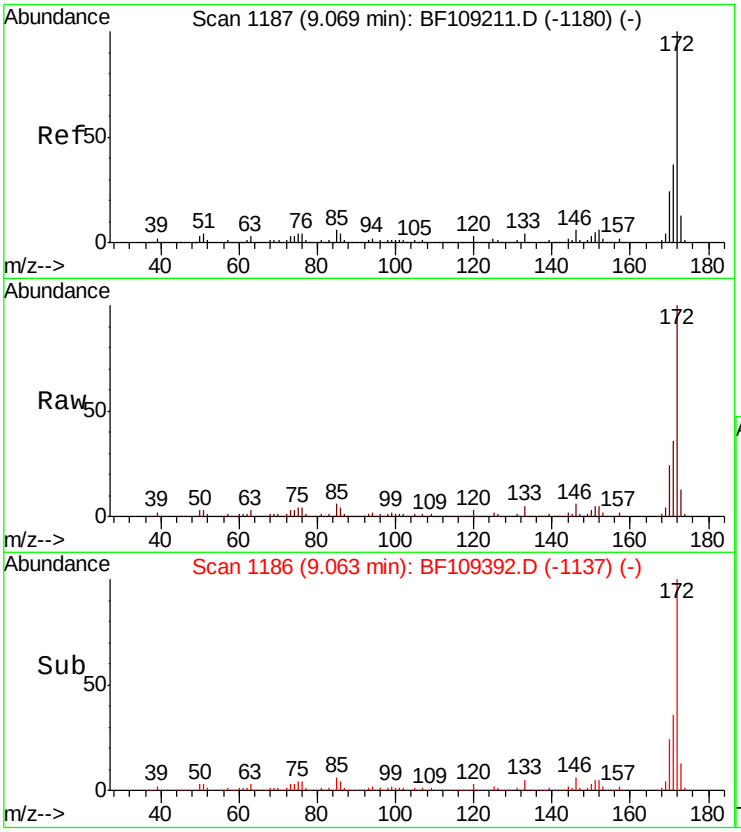


#41
2,4,6-Tribromophenol
Concen: 81.118 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:330 Resp: 153952

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.3	29.9	44.9



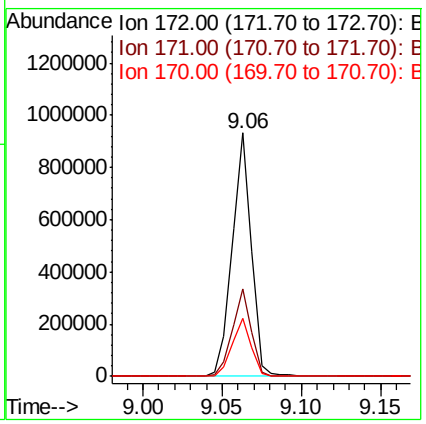


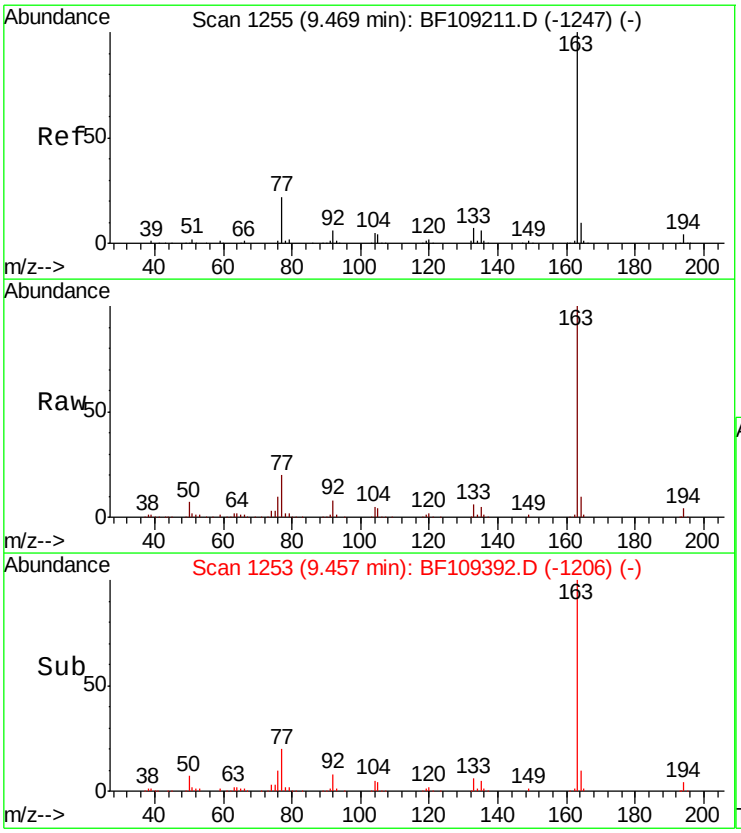
#44
2-Fluorobiphenyl
Concen: 61.277 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:172 Resp: 782204

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

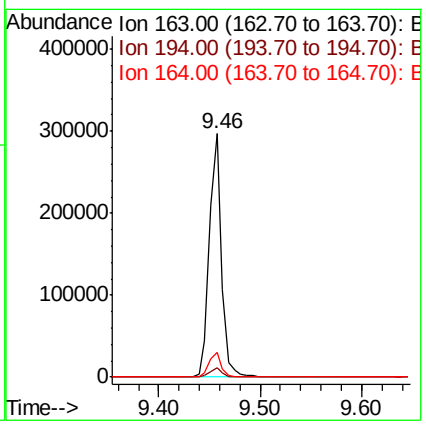


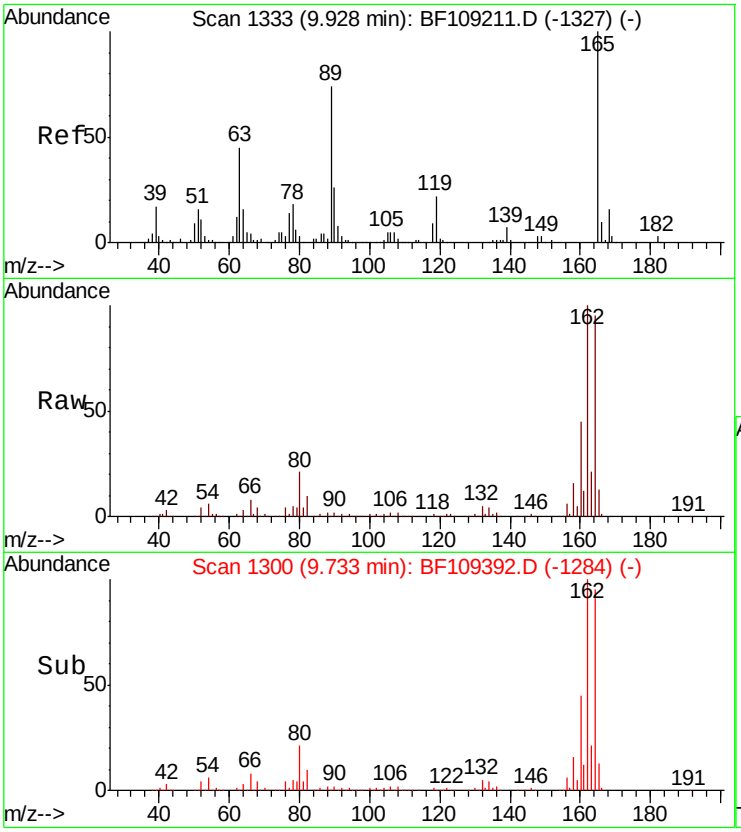


#49
Dimethylphthalate
Concen: 17.708 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:163 Resp: 247960

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2



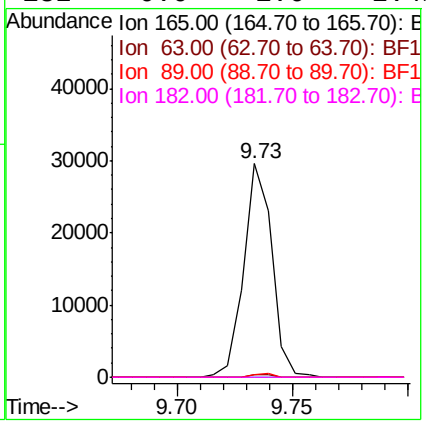


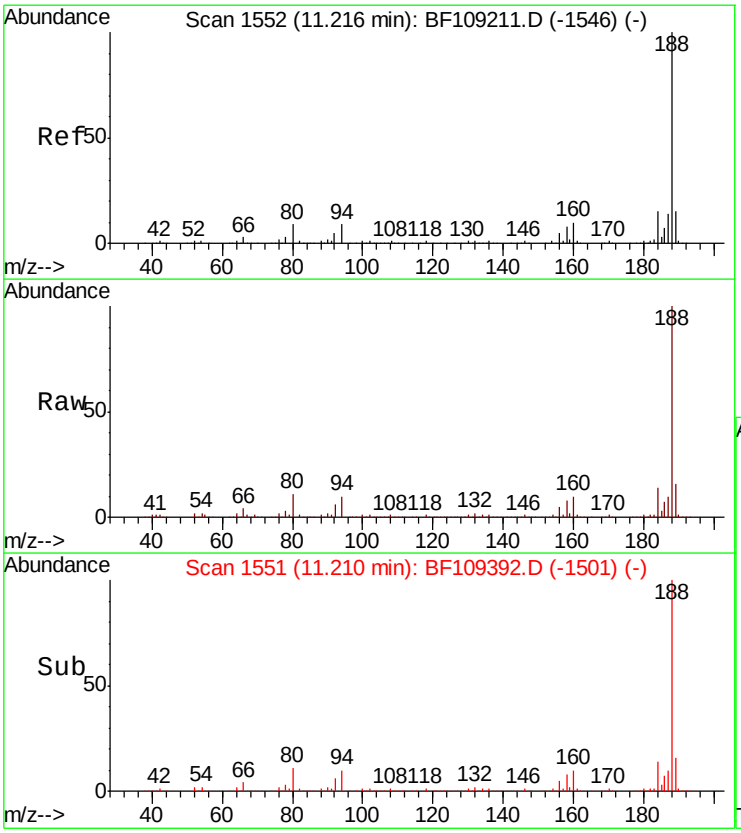
#56
2,4-Dinitrotoluene
Concen: 7.236 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:165 Resp: 25390

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

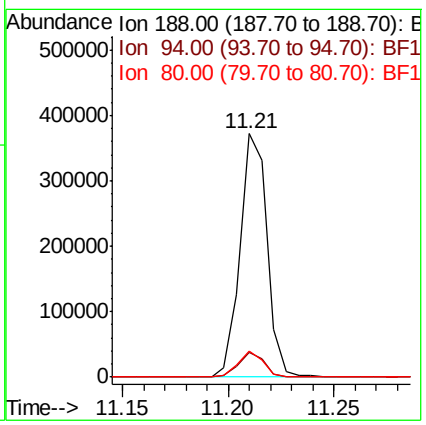


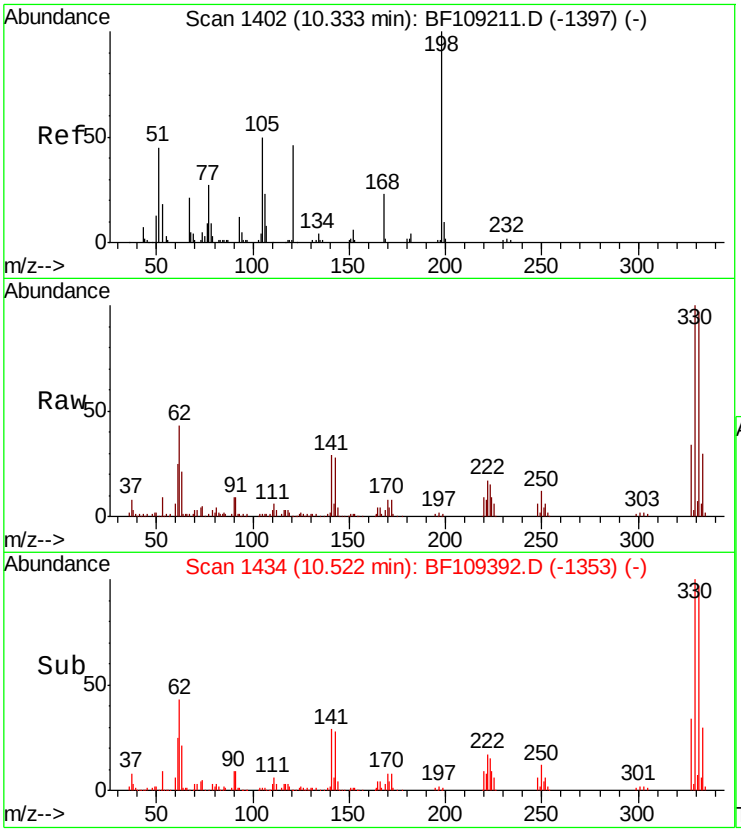


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:188 Resp: 329859

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8



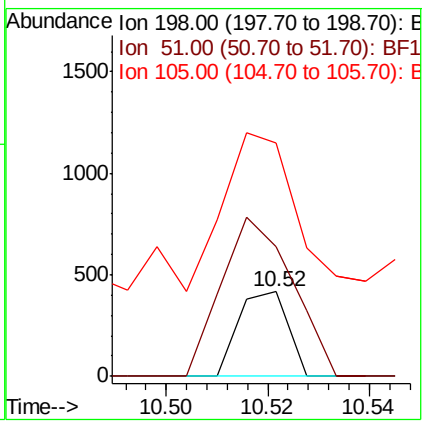


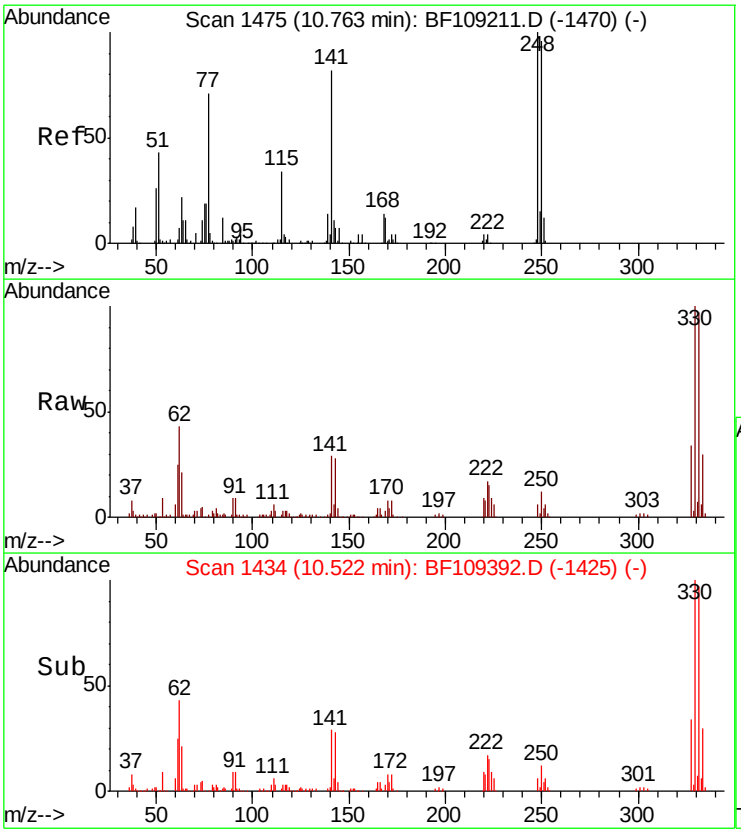
#64
4,6-Dinitro-2-methylphenol
Concen: 6.704 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:198 Resp: 281

Ion	Ratio	Lower	Upper
198	100		
51	153.7	37.7	77.7#
105	275.1	36.3	76.3#

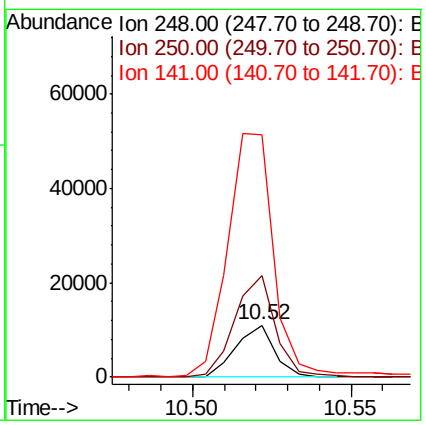


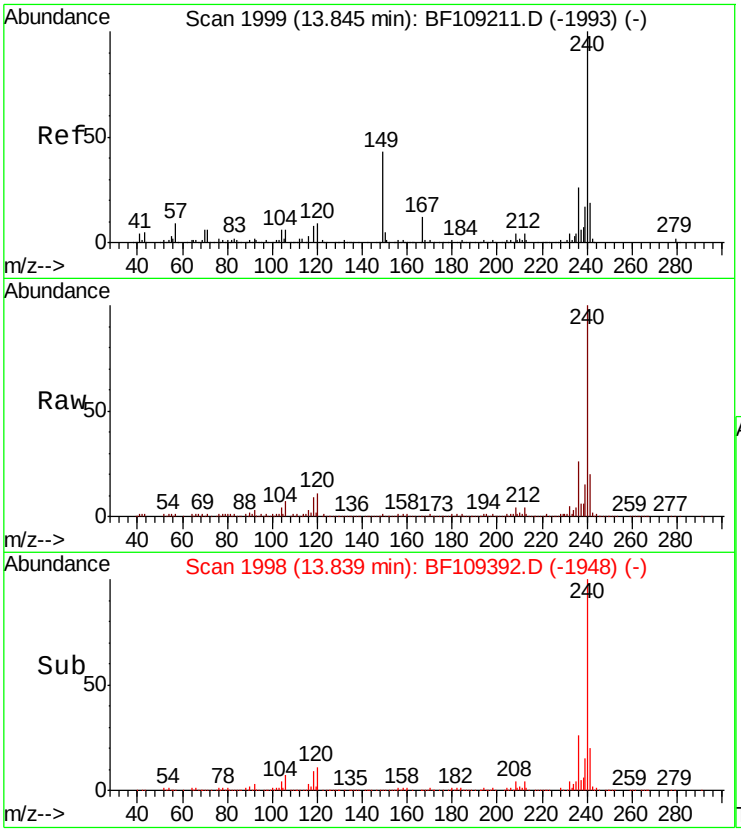


#66
4-Bromophenyl-phenylether
Concen: 2.538 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:248 Resp: 9297

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	469.6	74.4	111.6#



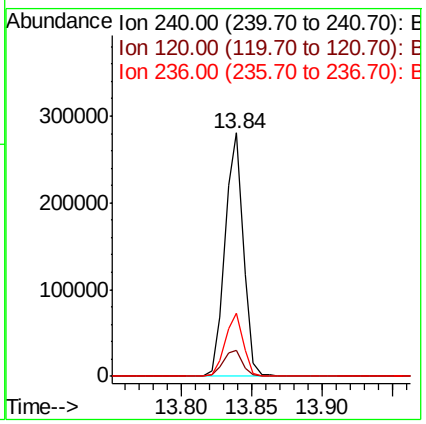


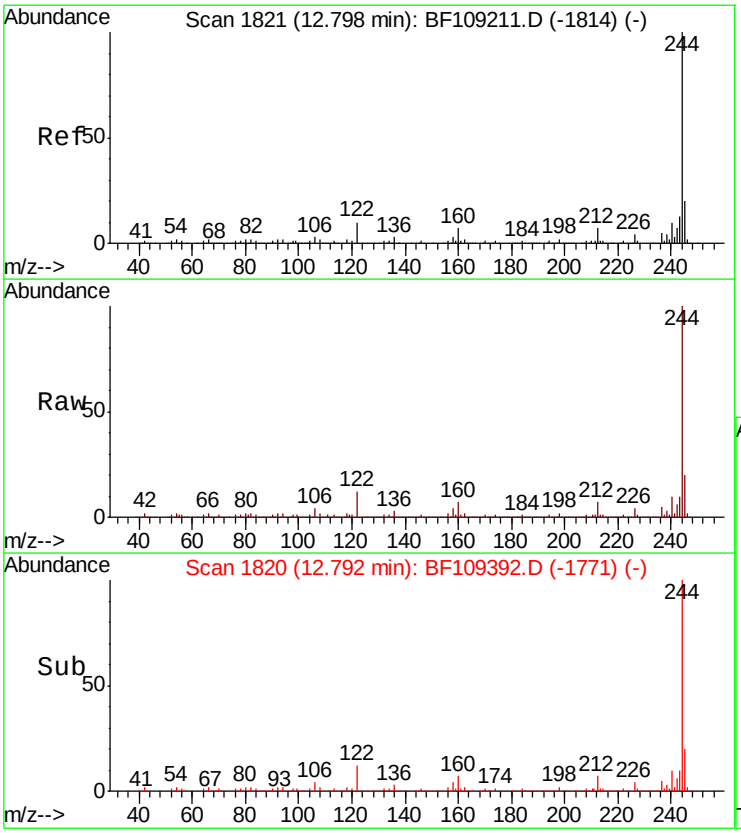
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:240 Resp: 253768

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.1	20.7	31.1

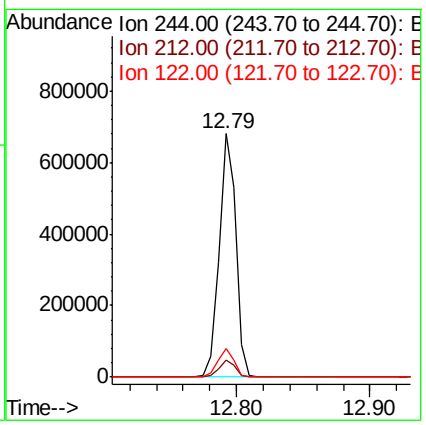


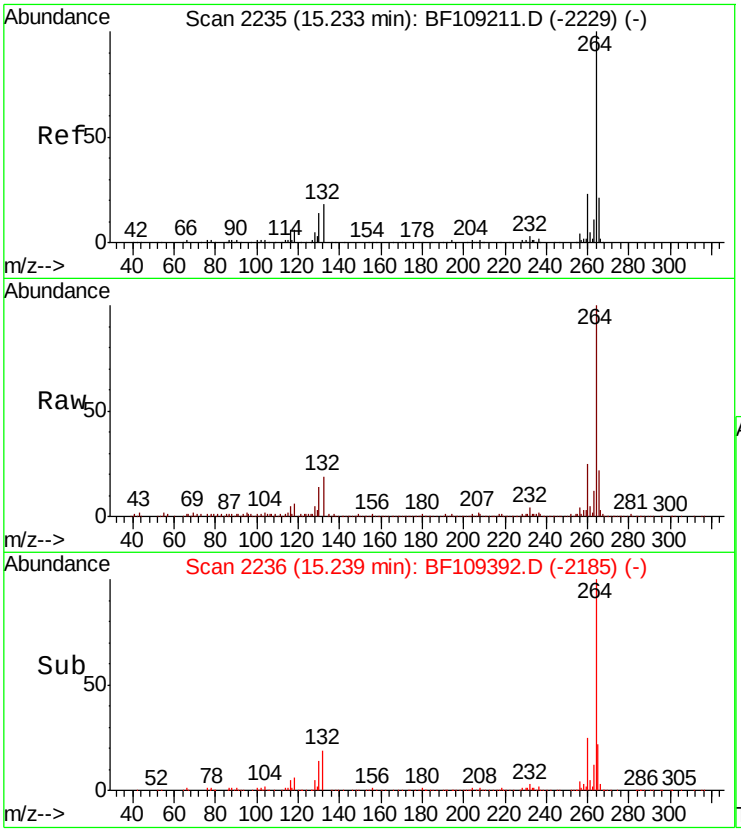


#78
Terphenyl-d14
Concen: 58.105 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:244 Resp: 600820

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.7	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: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tgt Ion:264 Resp: 276194

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3