Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109498.D
Acq On : 2 Oct 2018 13:53
Operator : JU/SJ
Sample : J5169-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 02 14:43:27 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	108328	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	425001	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	205930	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	379896	20.00	ng	0.00
75) Chrysene-d12	13.84	240	257894	20.00	ng	0.00
86) Perylene-d12	15.24	264	281383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	527920	80.27	ng	0.00
7) Phenol-d6	6.35	99	686158	81.76	ng	0.00
23) Nitrobenzene-d5	7.26	82	432693	60.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	168029	82.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	803852	58.87	ng	-0.01
78) Terphenyl-d14	12.79	244	674436	64.18	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	57813	10.513	ng	# 80
25) Isophorone	7.26	82	411382	31.731	ng	# 64
49) Dimethylphthalate	9.45	163	84650	5.652	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	26001	8.765	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	26001	6.927	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	267	6.671	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10204	2.419	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 2 Oct 2018 13:53
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Misc :
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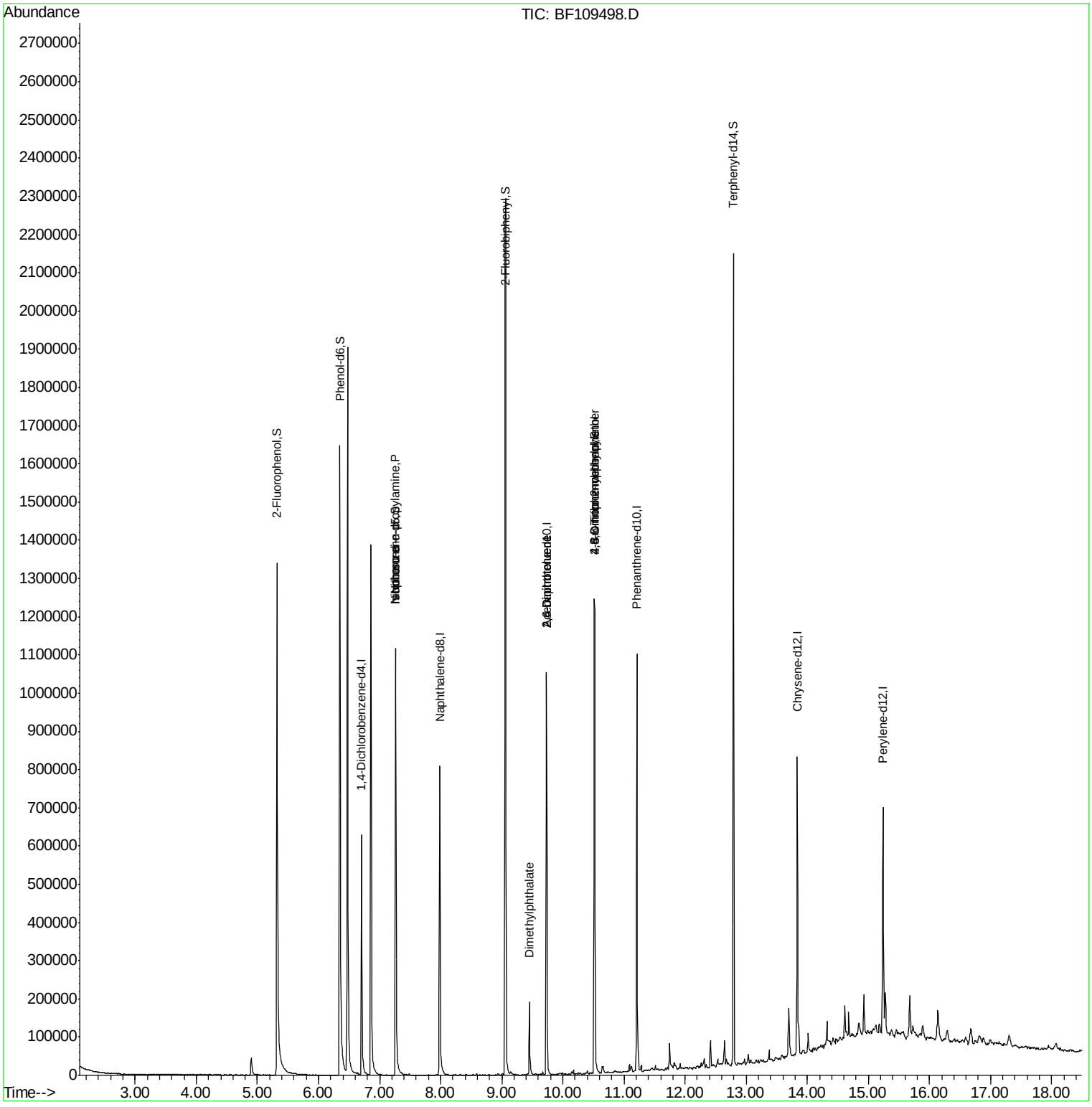
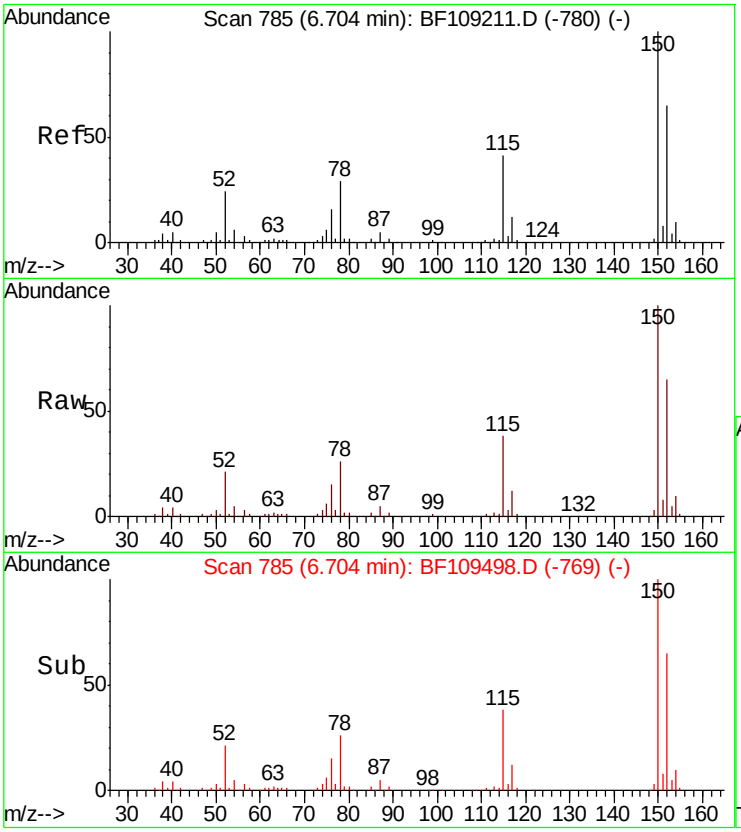
Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 02 14:43:27 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



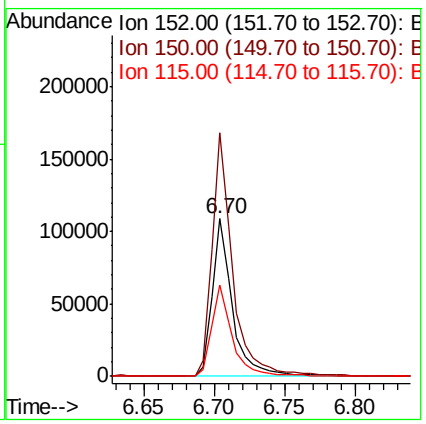


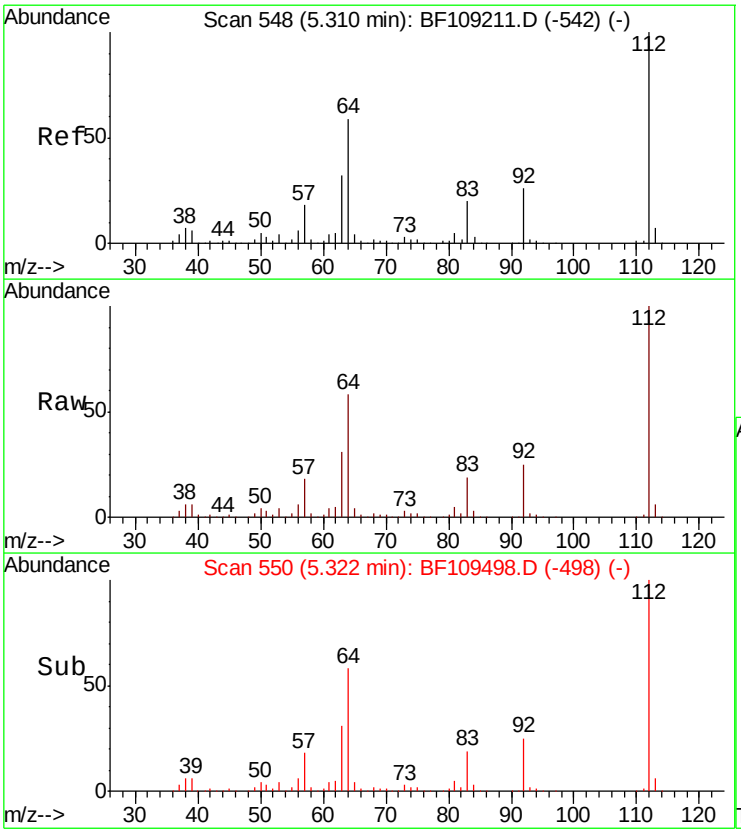
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108328

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.2	50.1	75.1

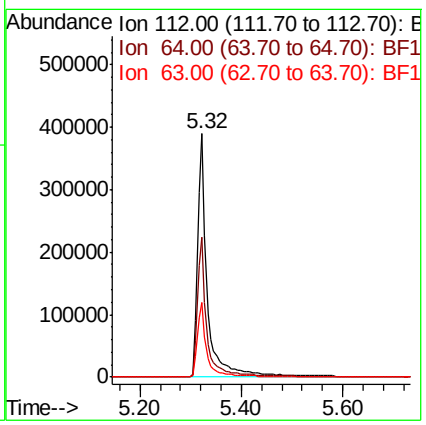


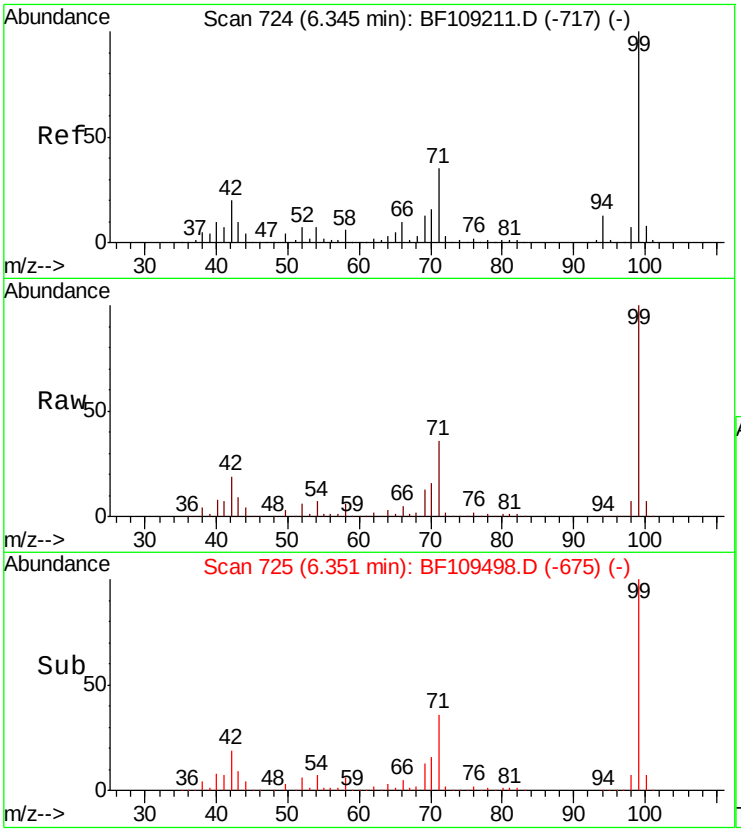


#5
2-Fluorophenol
Concen: 80.268 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:112 Resp: 527920

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	30.9	23.7	35.5



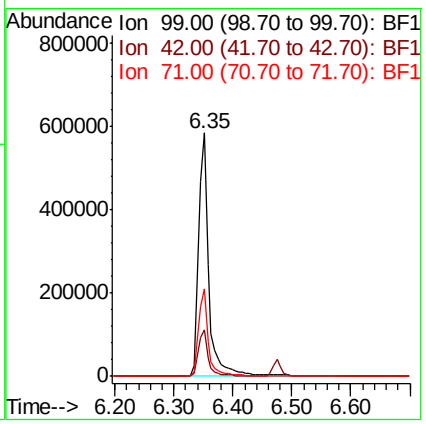


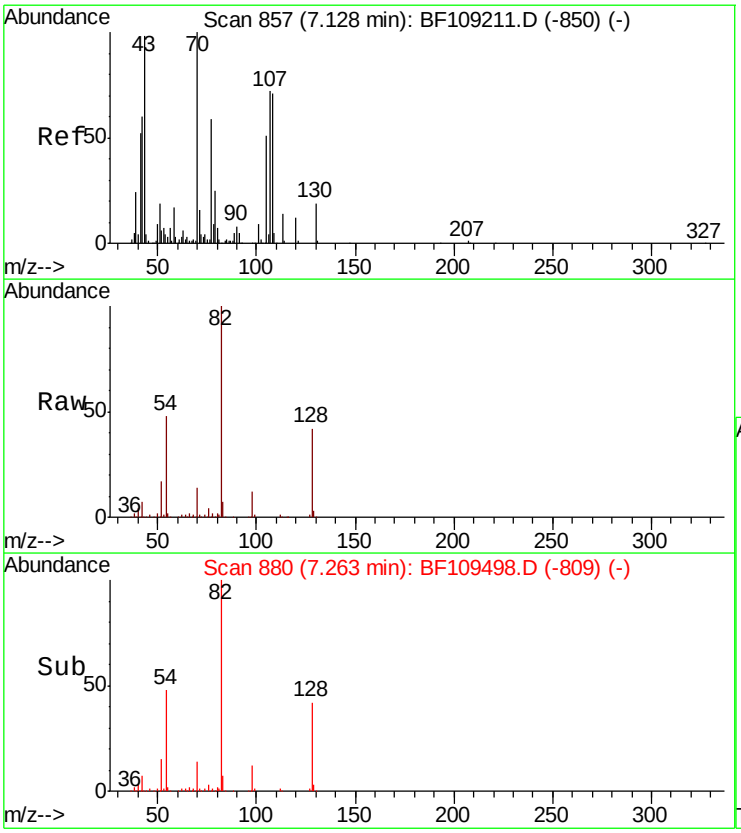
#7
Phenol-d6
Concen: 81.759 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 686158

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	35.9	25.4	38.0

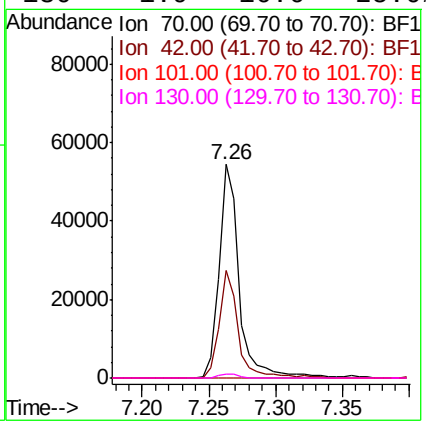


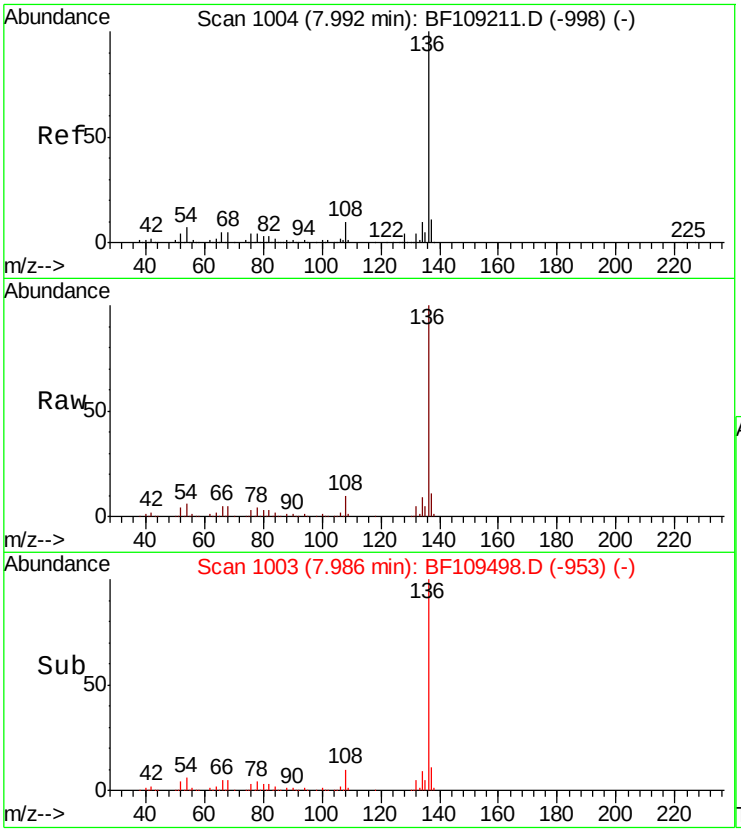


#19
n-Nitroso-di-n-propylamine
Concen: 10.513 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion: 70 Resp: 57813

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



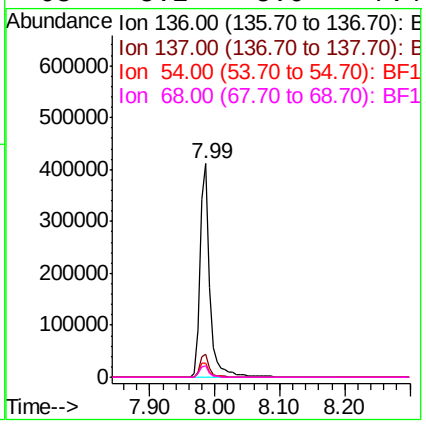


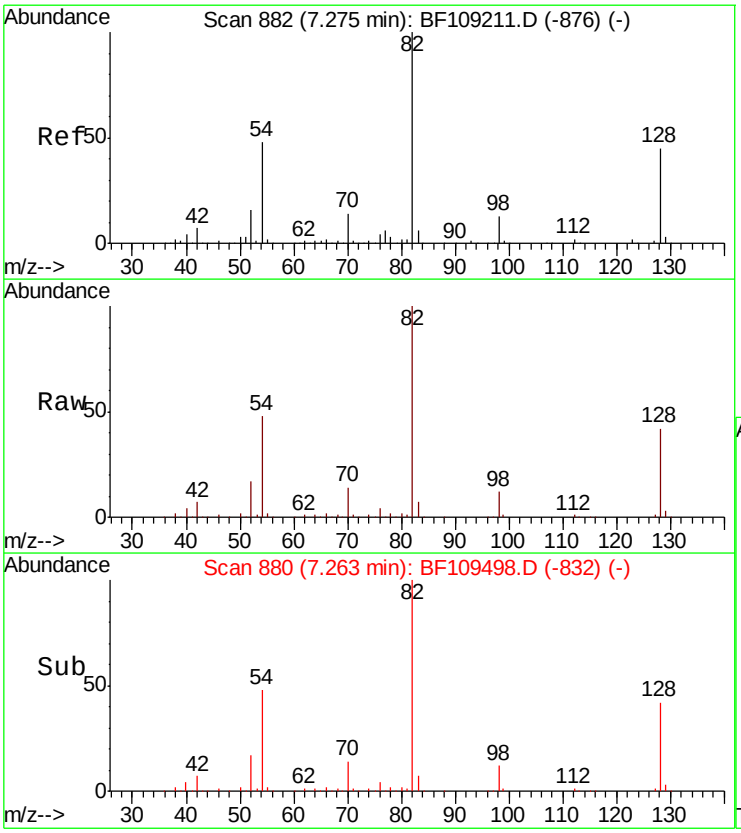
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 425001

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.2	5.0	7.4

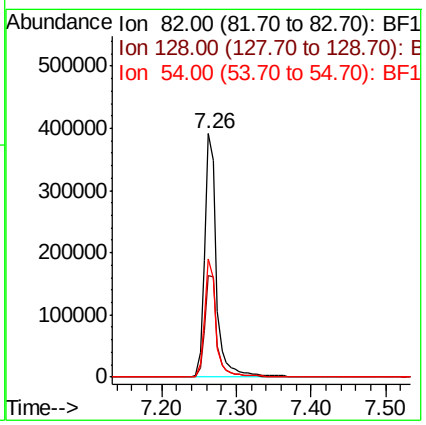


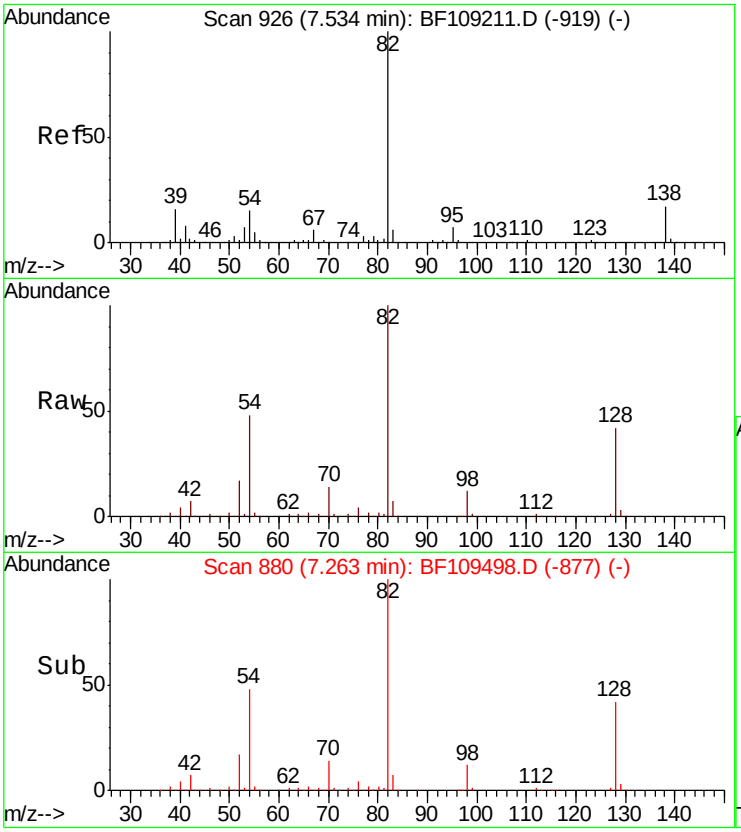


#23
Nitrobenzene-d5
Concen: 60.100 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion: 82 Resp: 432693

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	48.5	41.4	62.2



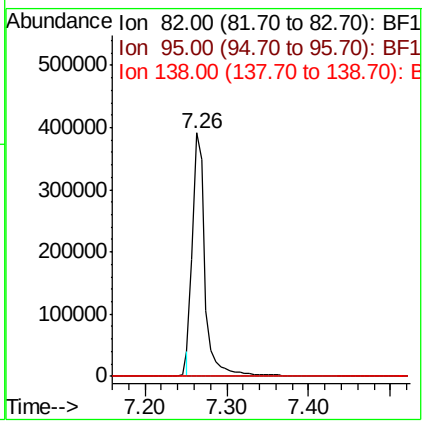


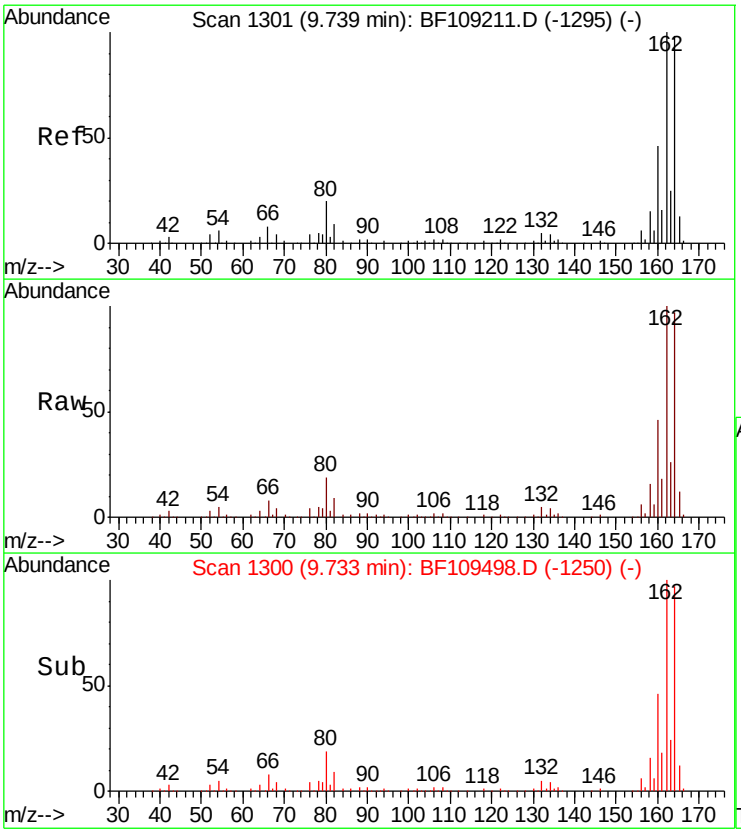
#25
Isophorone
Concen: 31.731 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 411382

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

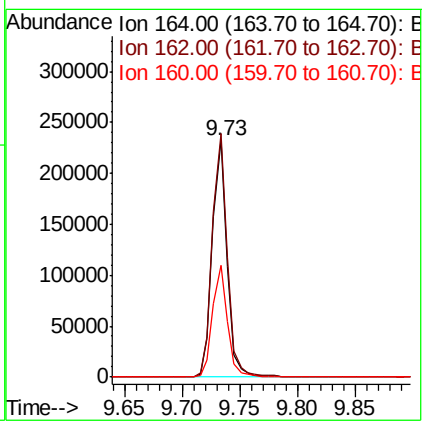


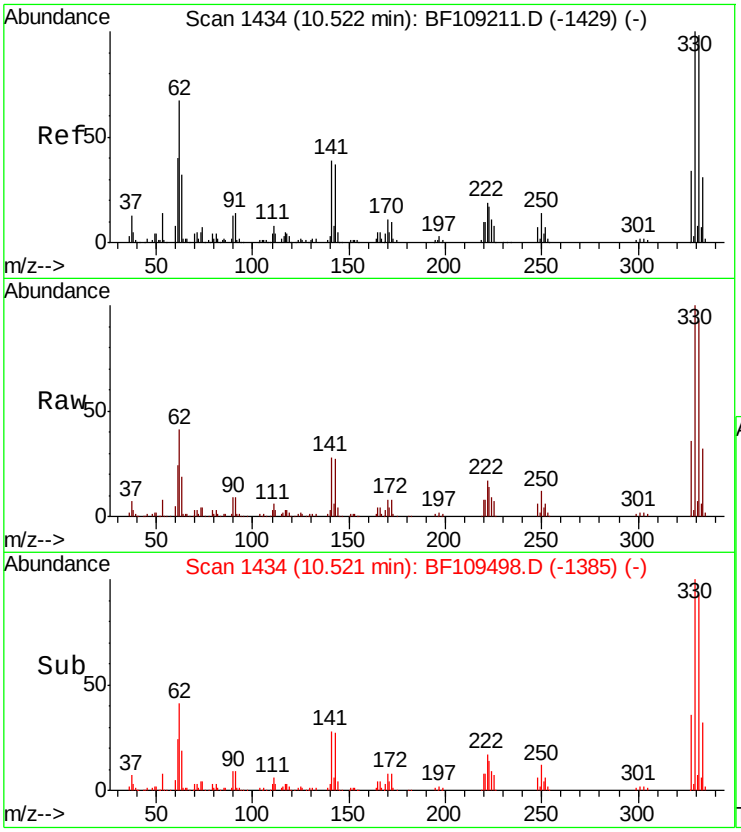


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:164 Resp: 205930

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.3	38.3	57.5



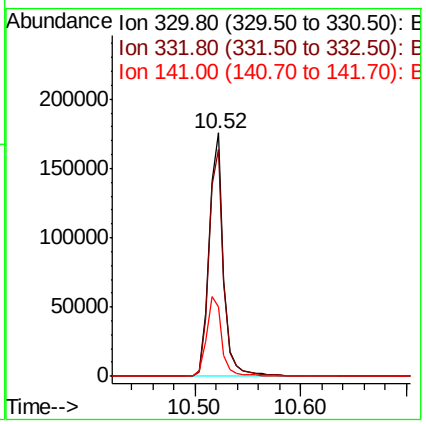


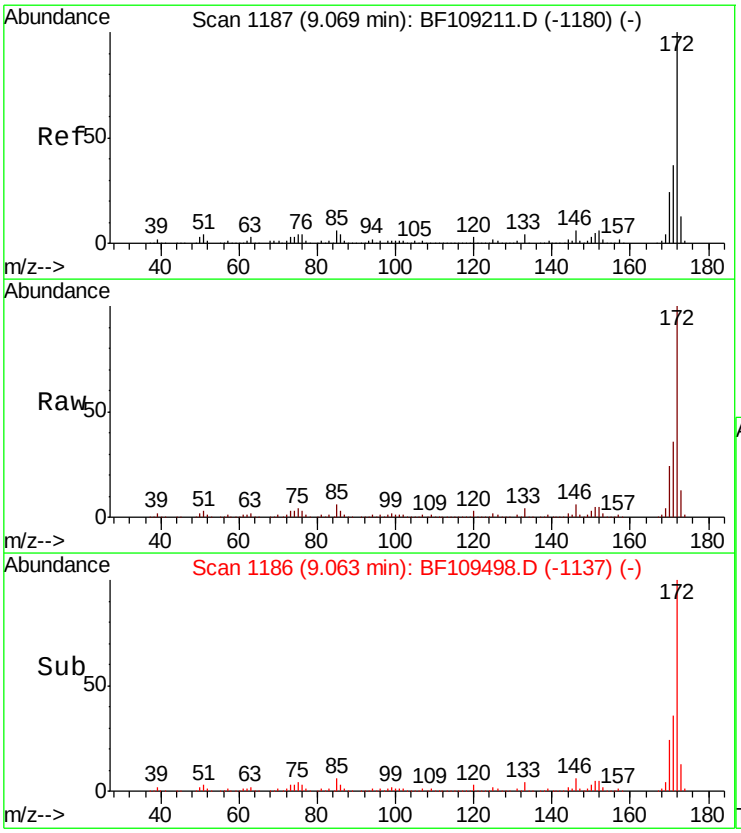
#41
2,4,6-Tribromophenol
Concen: 82.771 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 168029

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.4	29.9	44.9

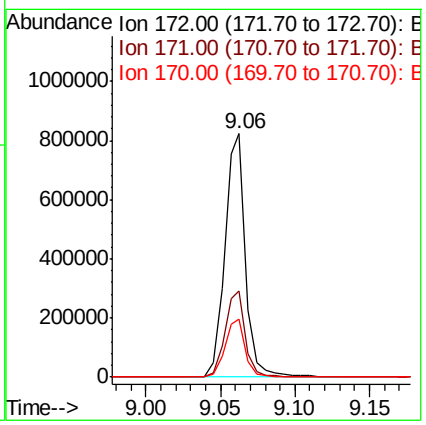


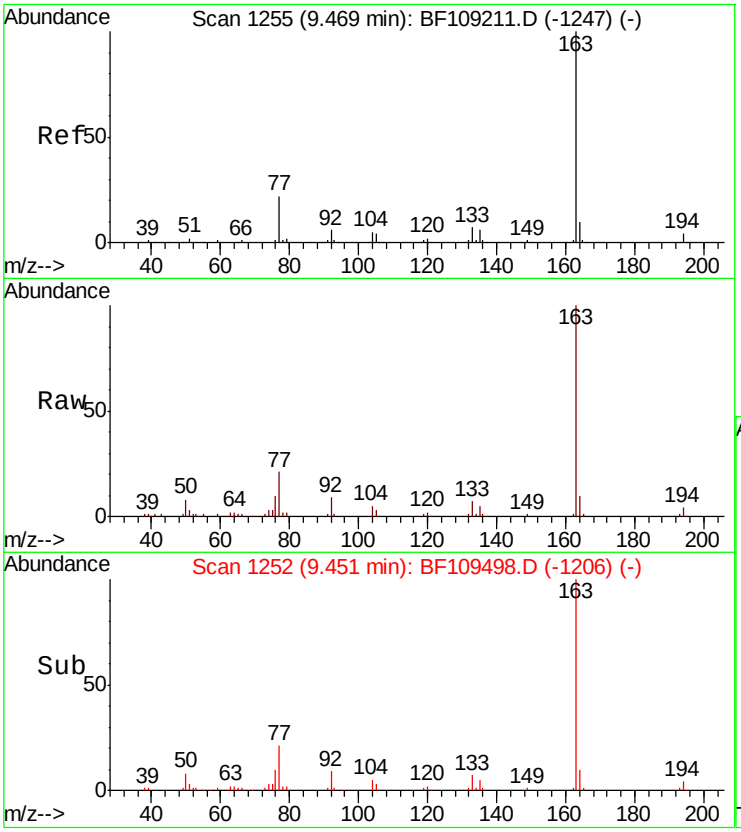


#44
2-Fluorobiphenyl
Concen: 58.873 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:172 Resp: 803852

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4



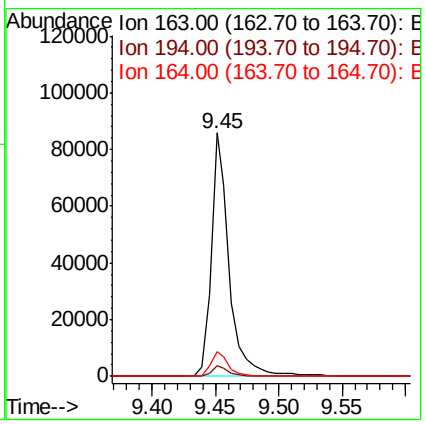


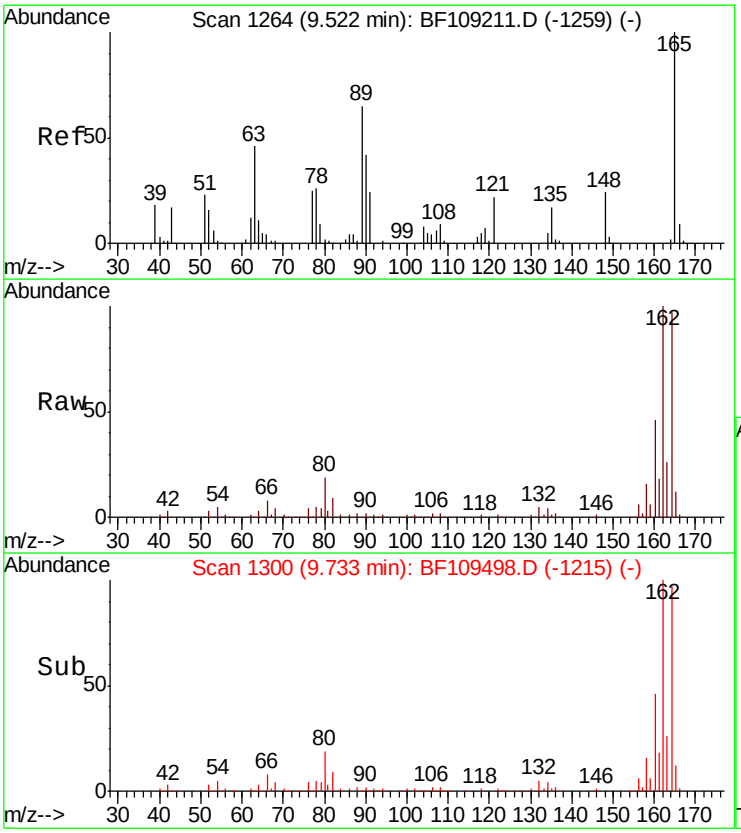
#49
Dimethylphthalate
Concen: 5.652 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 84650

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.0	8.2	12.2

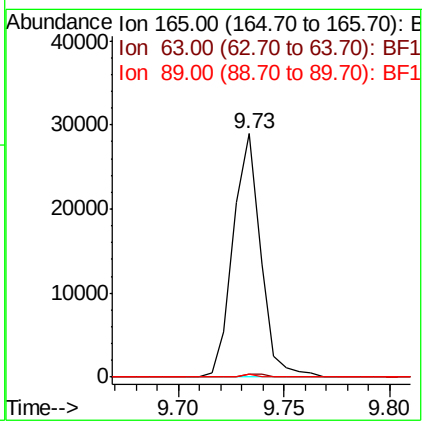


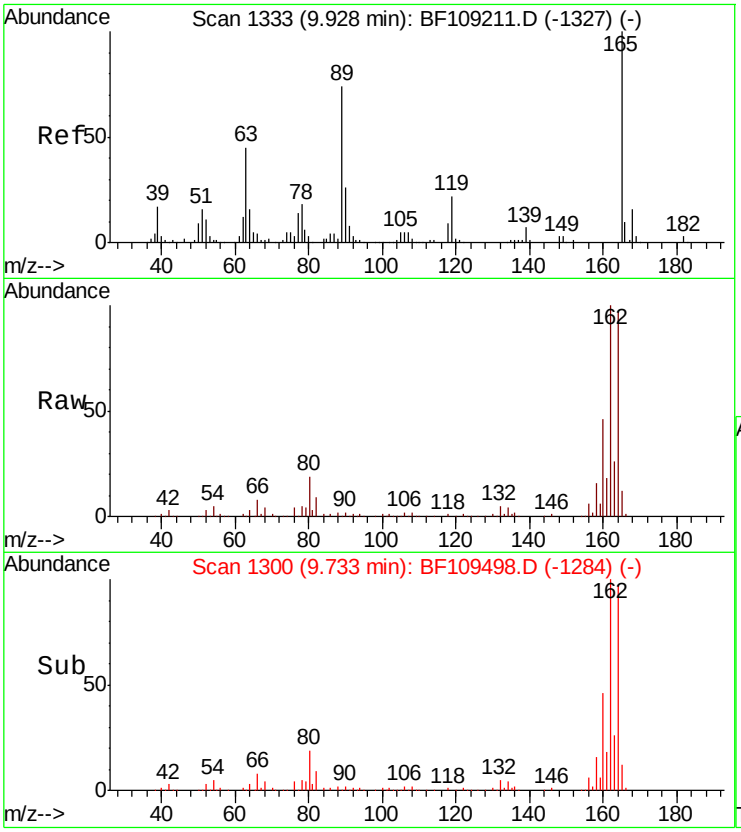


#50
2,6-Dinitrotoluene
Concen: 8.765 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:165 Resp: 26001

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



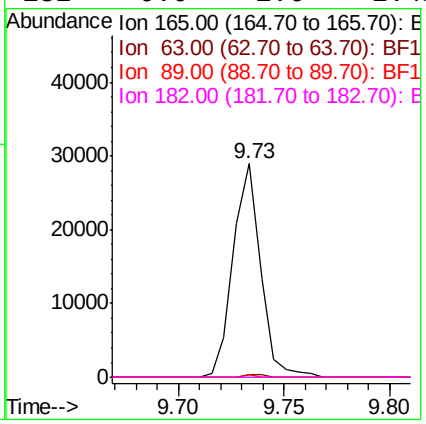


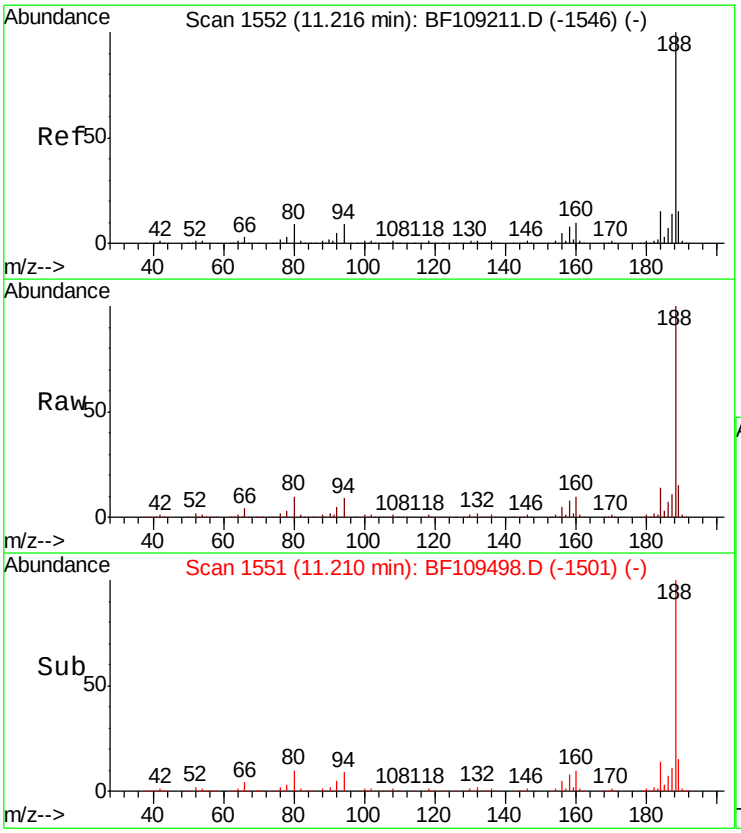
#56
2,4-Dinitrotoluene
Concen: 6.927 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26001

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

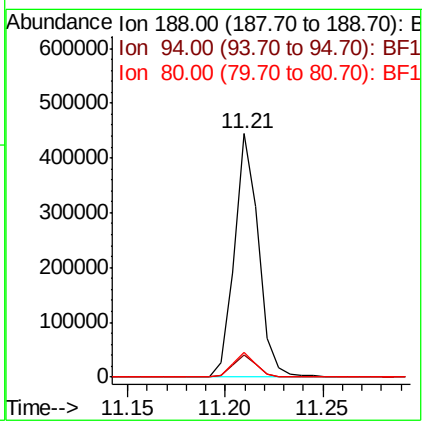


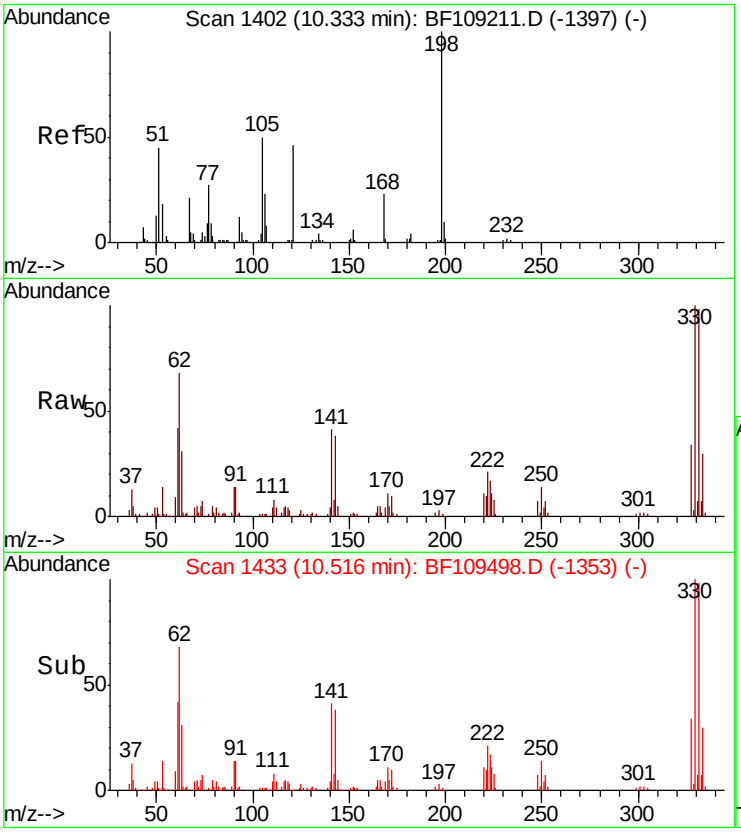


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:188 Resp: 379896

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	9.2	13.8



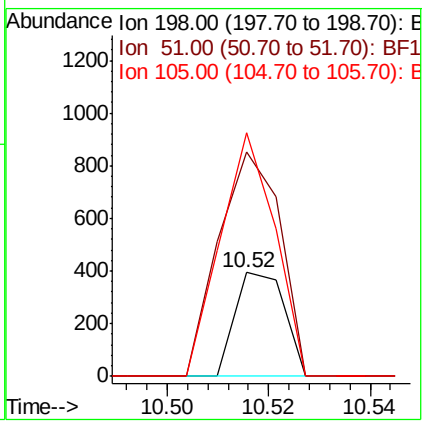


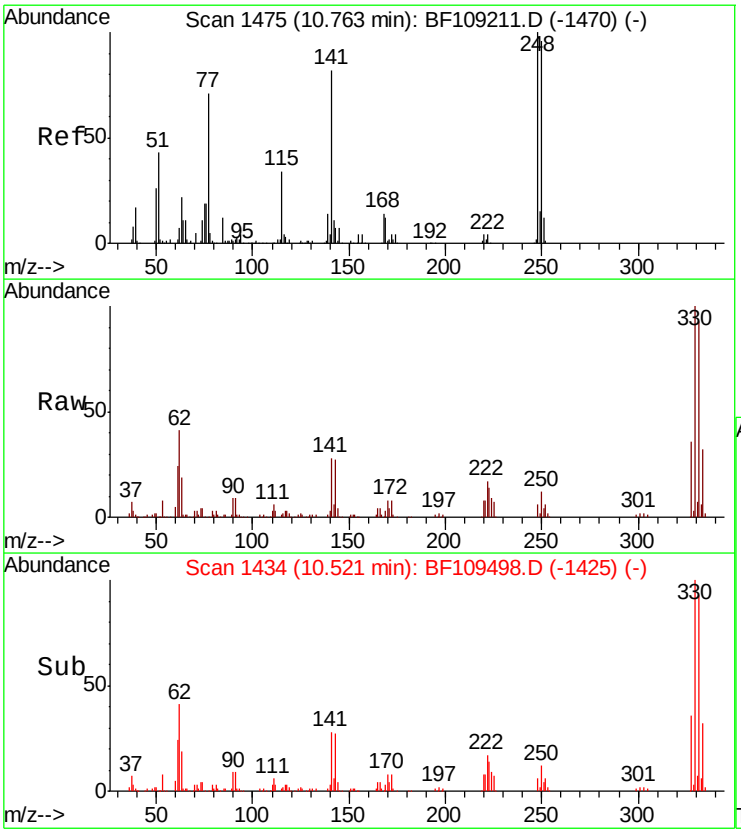
#64
4,6-Dinitro-2-methylphenol
Concen: 6.671 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 267

Ion	Ratio	Lower	Upper
198	100		
51	217.0	37.7	77.7#
105	235.4	36.3	76.3#

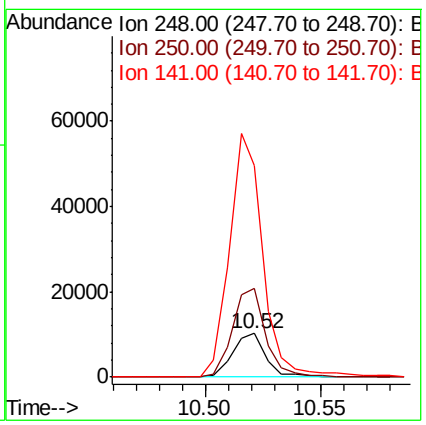


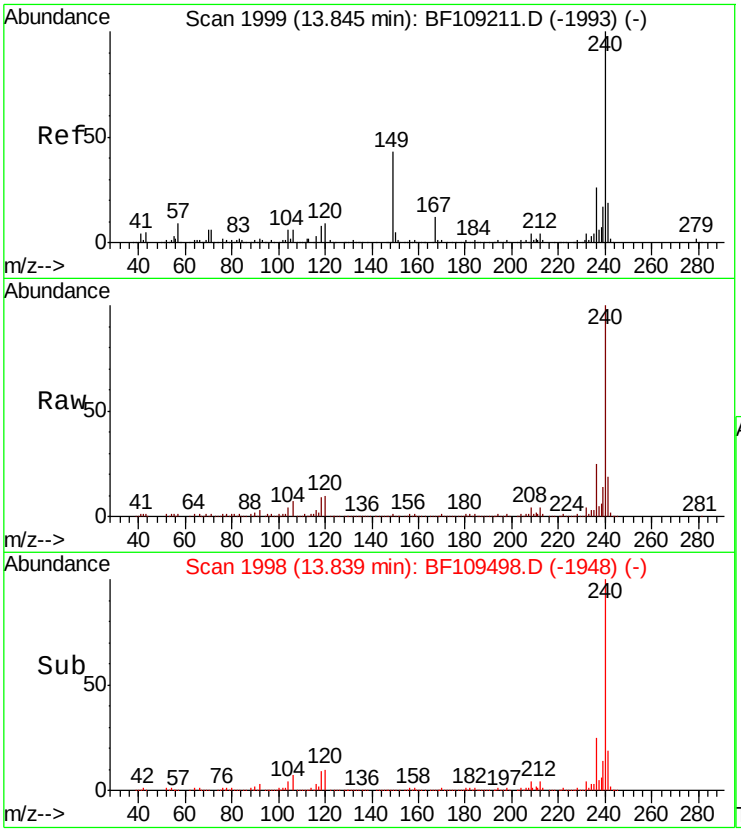


#66
4-Bromophenyl-phenylether
Concen: 2.419 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:248 Resp: 10204

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.9	115.3#
141	487.6	74.4	111.6#



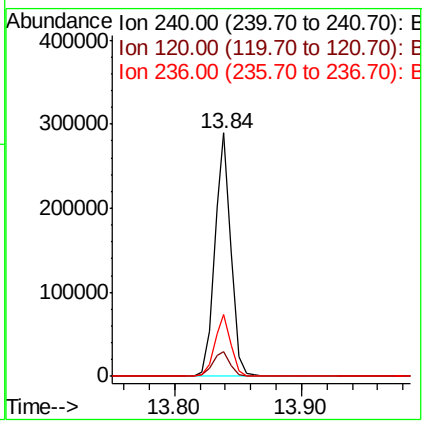


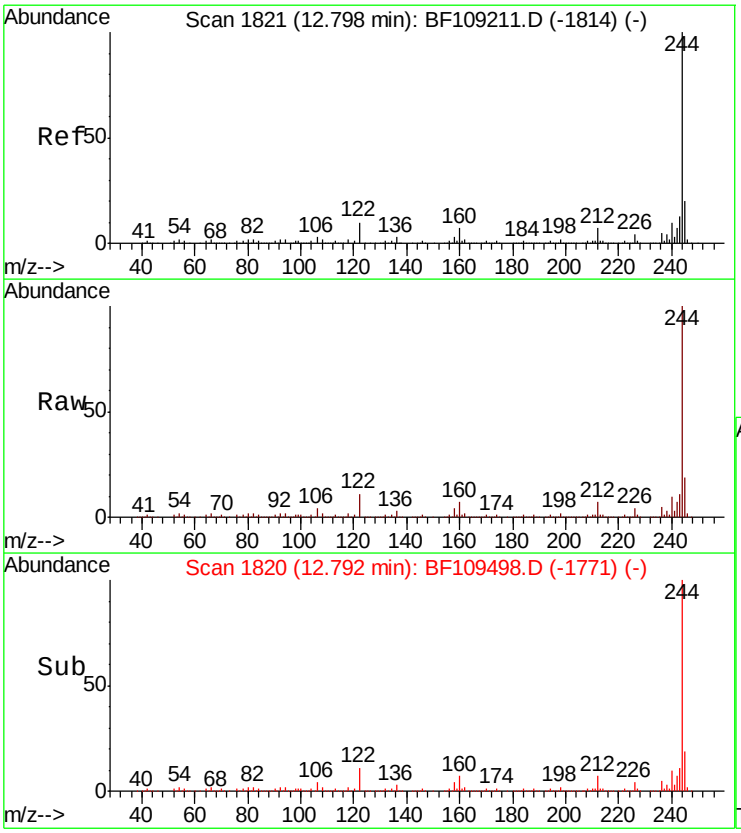
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 257894

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.3	20.7	31.1

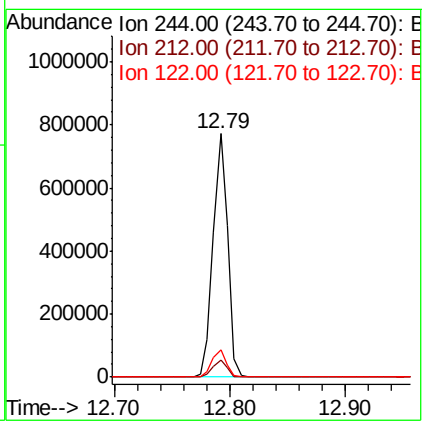


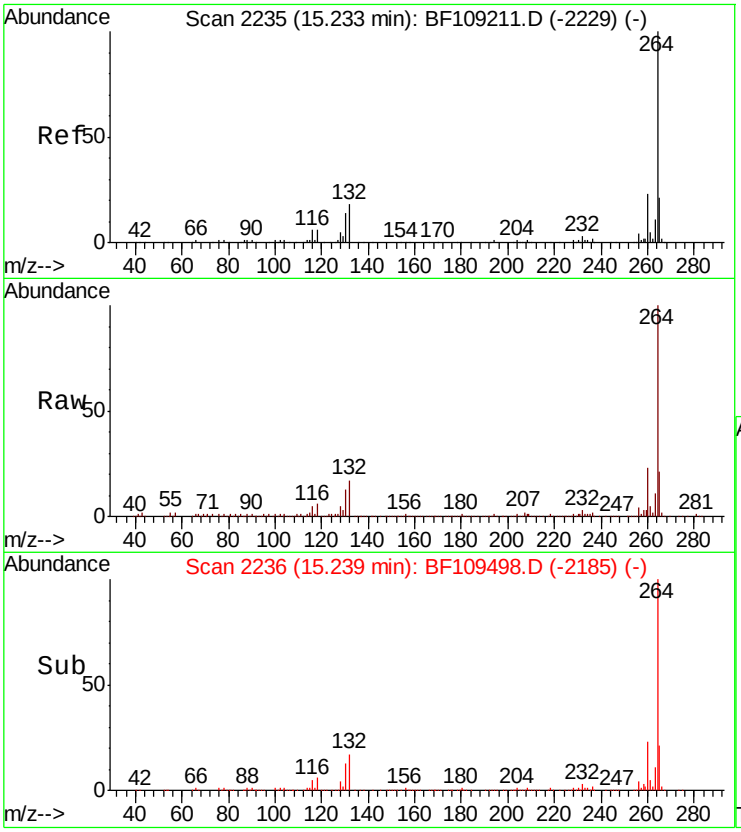


#78
Terphenyl-d14
Concen: 64.181 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109498.D
Acq: 2 Oct 2018 13:53

Tgt Ion:244 Resp: 674436

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.3	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: BF109498.D
Acq: 2 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 281383

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3