Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109837.D
Acq On : 12 Oct 2018 16:51
Operator : JU/SJ
Sample : J5371-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 12 17:48:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108504	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	457732	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	221970	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	421451	20.00	ng	0.00
75) Chrysene-d12	13.83	240	267979	20.00	ng	0.00
86) Perylene-d12	15.23	264	218023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	227459	37.21	ng	-0.01
7) Phenol-d6	6.34	99	186098	22.79	ng	-0.02
23) Nitrobenzene-d5	7.26	82	825055	99.36	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	212731	87.96	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1443389	89.56	ng	0.00
78) Terphenyl-d14	12.79	244	1329164	96.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	12210	2.324	ng	# 77
15) Benzyl Alcohol	6.85	79	12253	2.024	ng	# 50
19) n-Nitroso-di-n-propylamine	7.26	70	105307	18.389	ng	# 77
25) Isophorone	7.26	82	825051	59.834	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	26983	7.646	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	26984	6.127	ng	# 20
66) 4-Bromophenyl-phenylether	10.51	248	11910	2.459	ng	# 1

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

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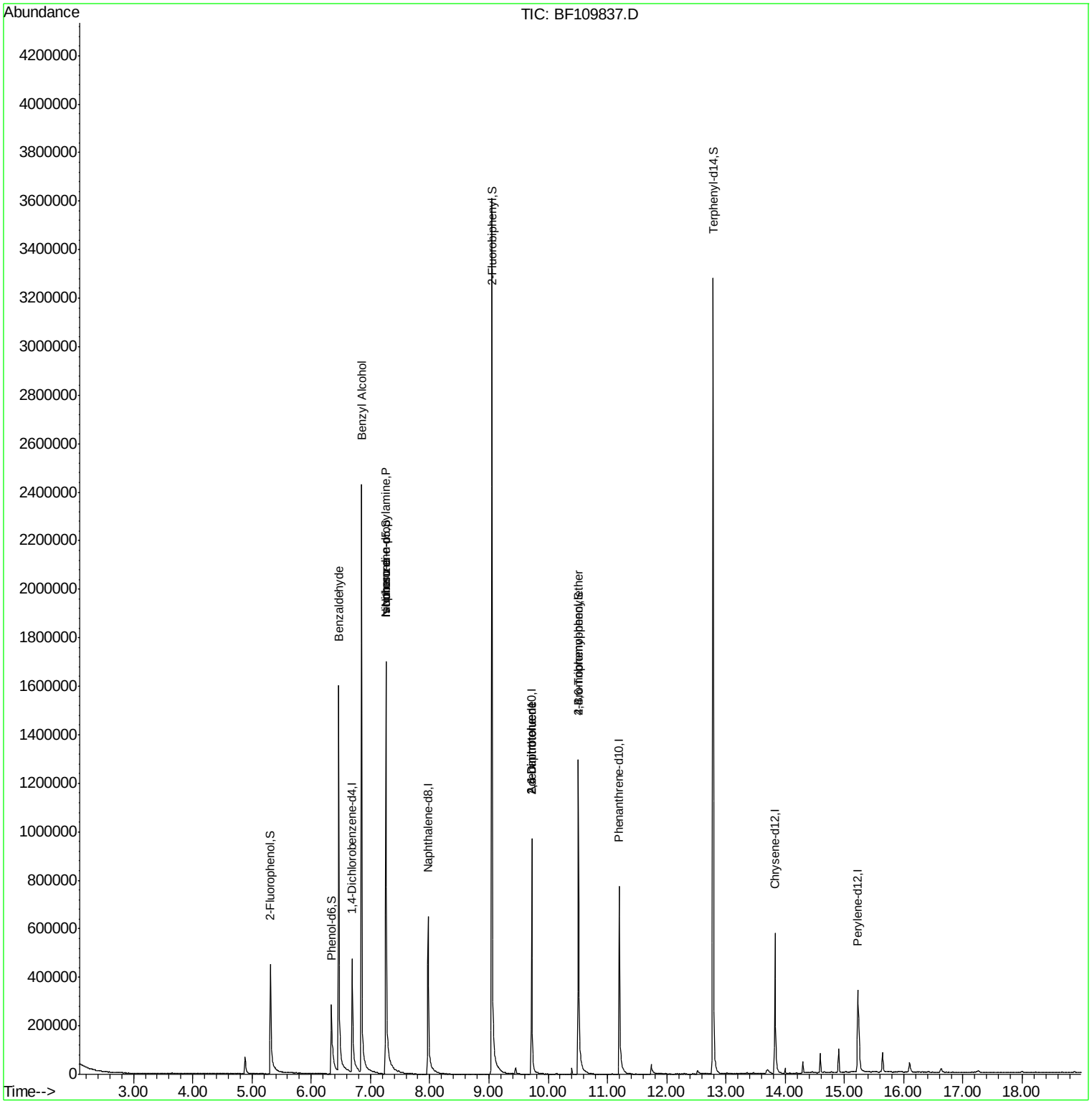
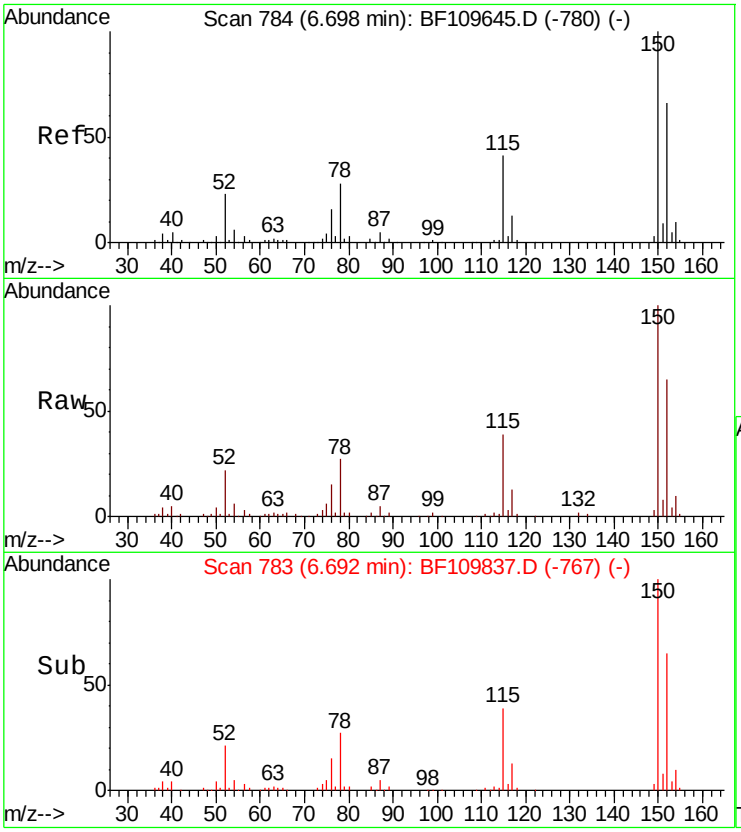


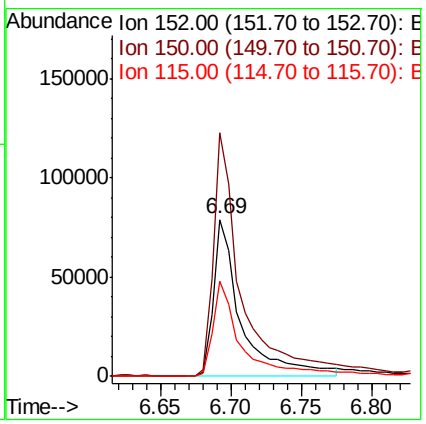


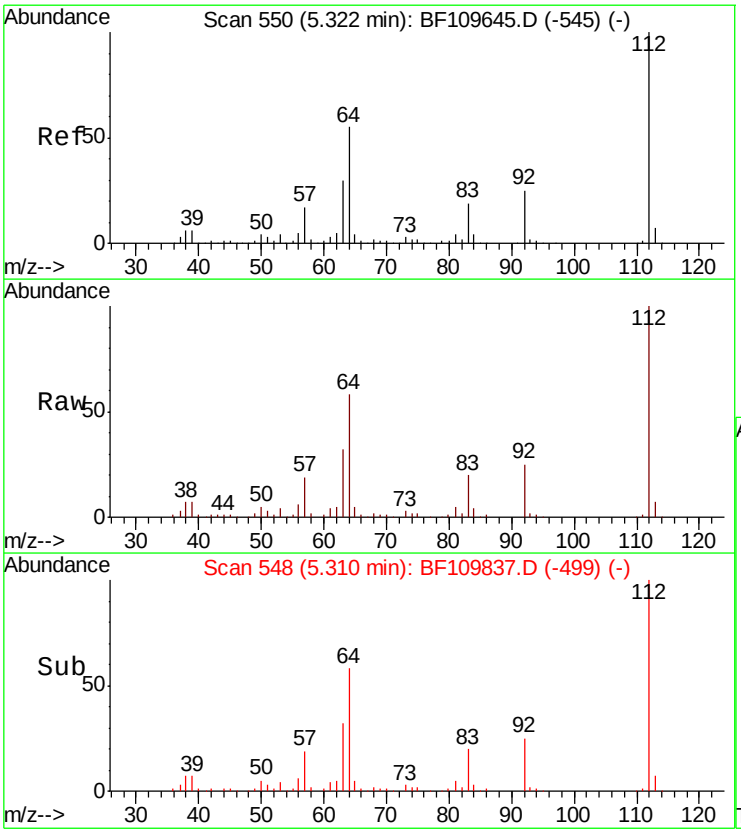
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108504

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	60.8	49.1	73.7

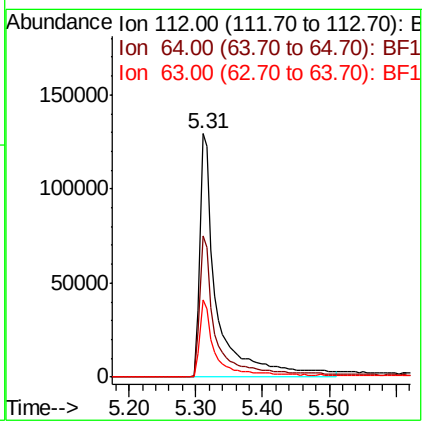


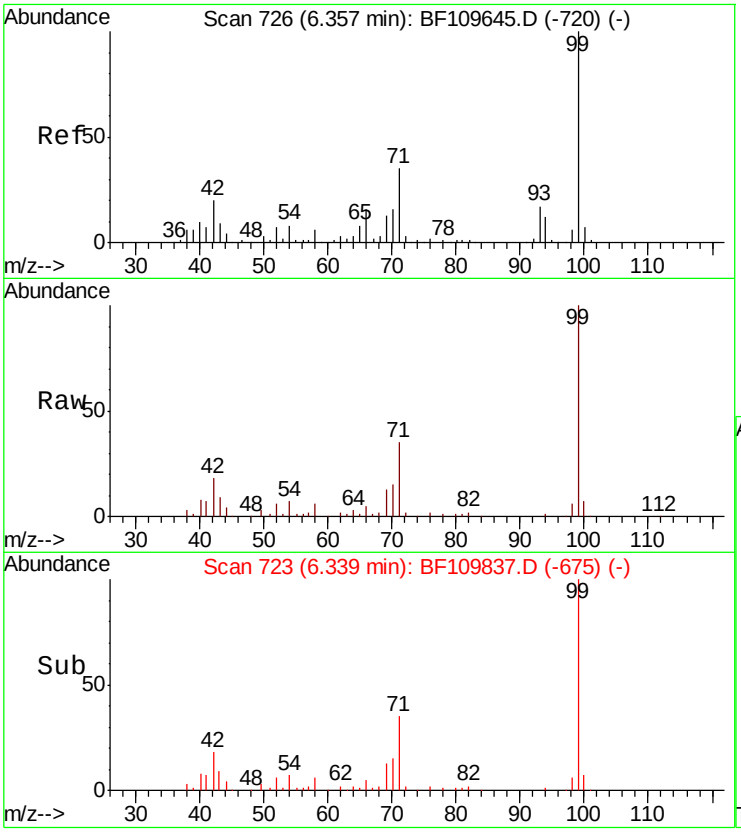


#5
2-Fluorophenol
Concen: 37.210 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion:112 Resp: 227459

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	31.9	23.7	35.5



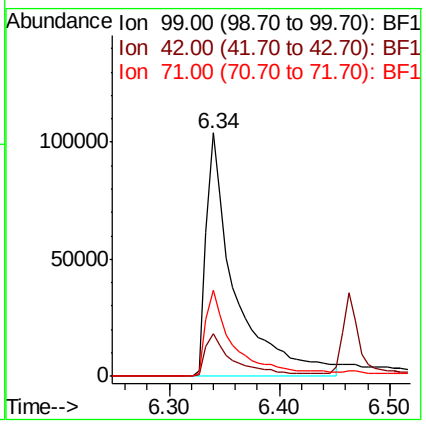


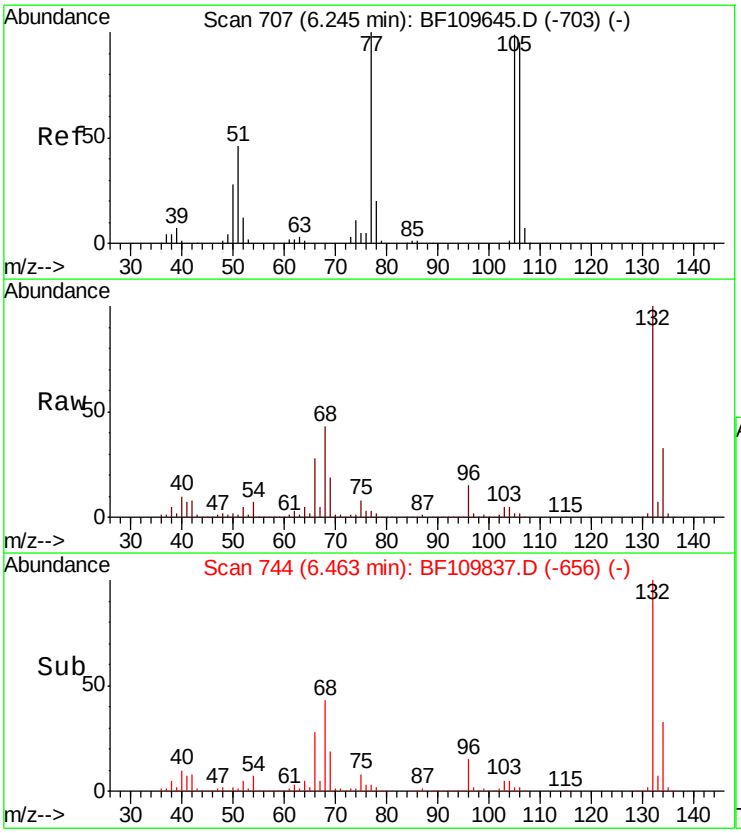
#7
Phenol-d6
Concen: 22.789 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 186098

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.8	23.6
71	35.3	28.0	42.0

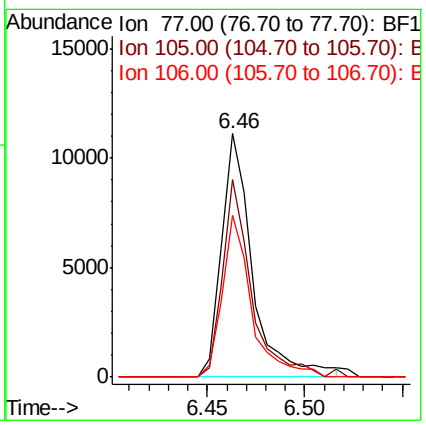


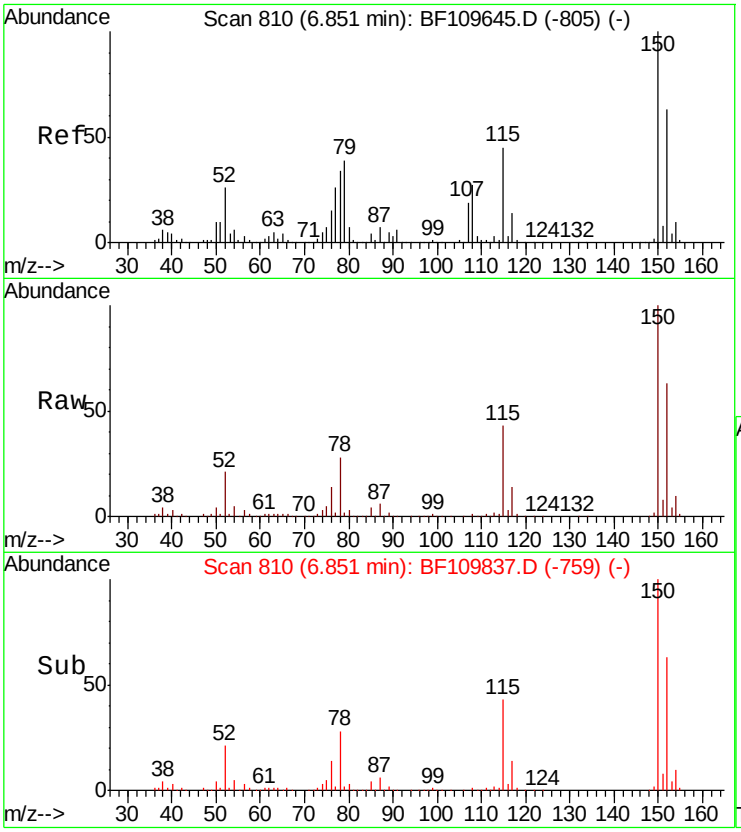


#9
Benzaldehyde
Concen: 2.324 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion: 77 Resp: 12210

Ion	Ratio	Lower	Upper
77	100		
105	81.1	78.6	118.6
106	66.2	74.8	114.8#



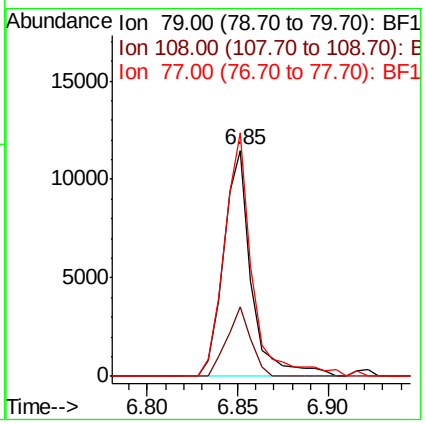


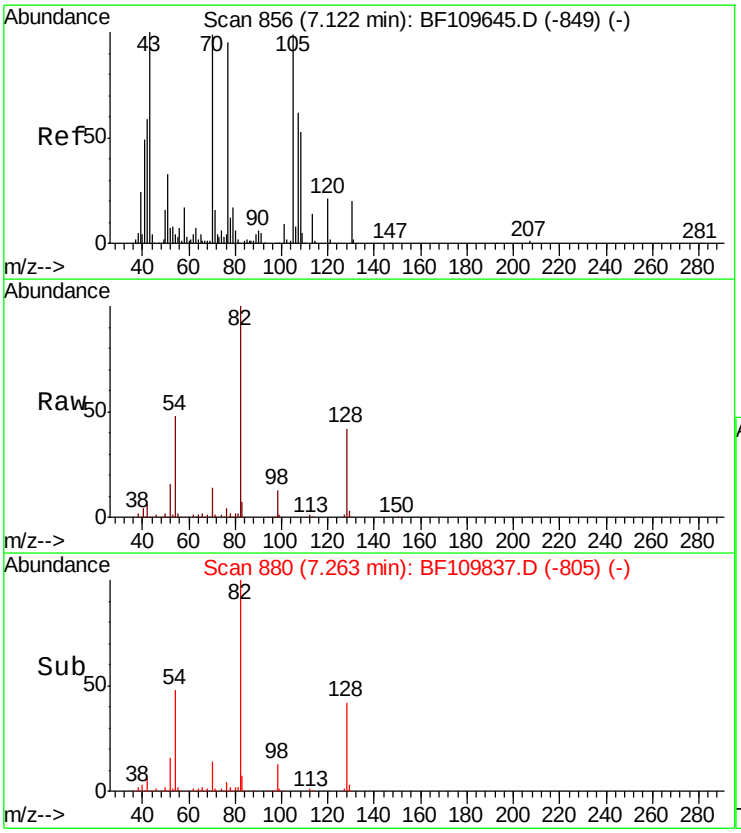
#15
Benzyl Alcohol
Concen: 2.024 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 12253

Ion	Ratio	Lower	Upper
79	100		
108	30.6	56.3	84.5#
77	107.6	52.9	79.3#

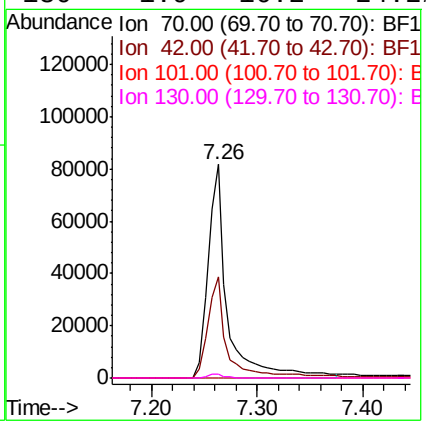


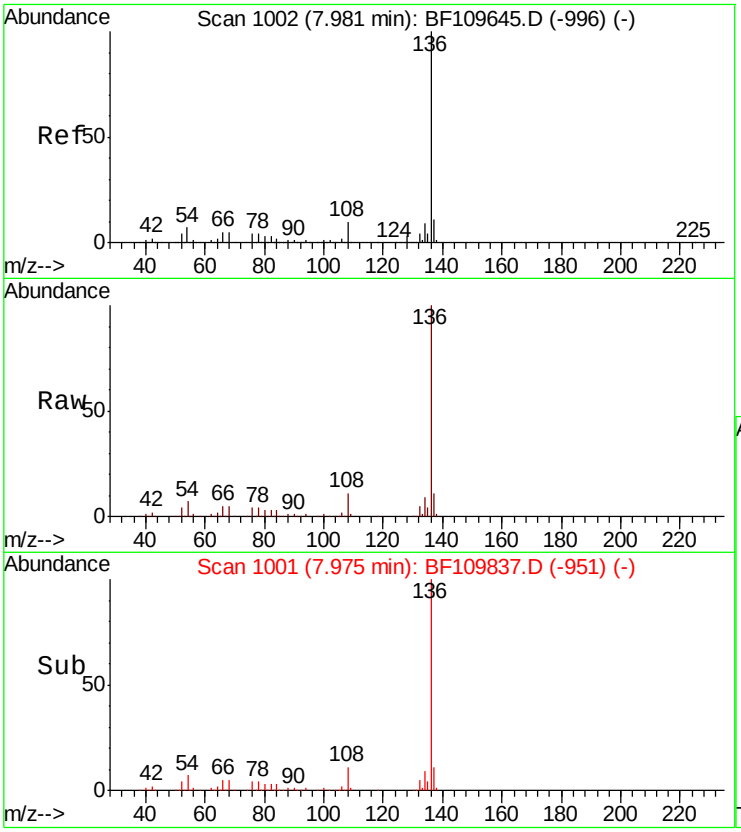


#19
n-Nitroso-di-n-propylamine
Concen: 18.389 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion: 70 Resp: 105307

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.4	71.2#
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#



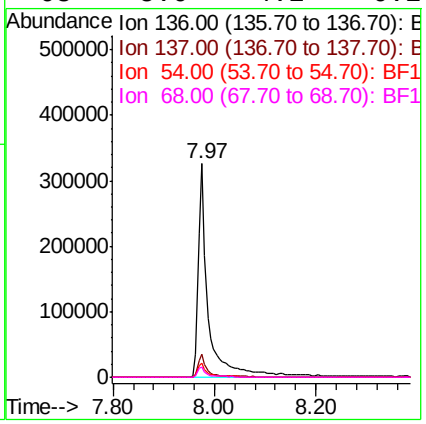


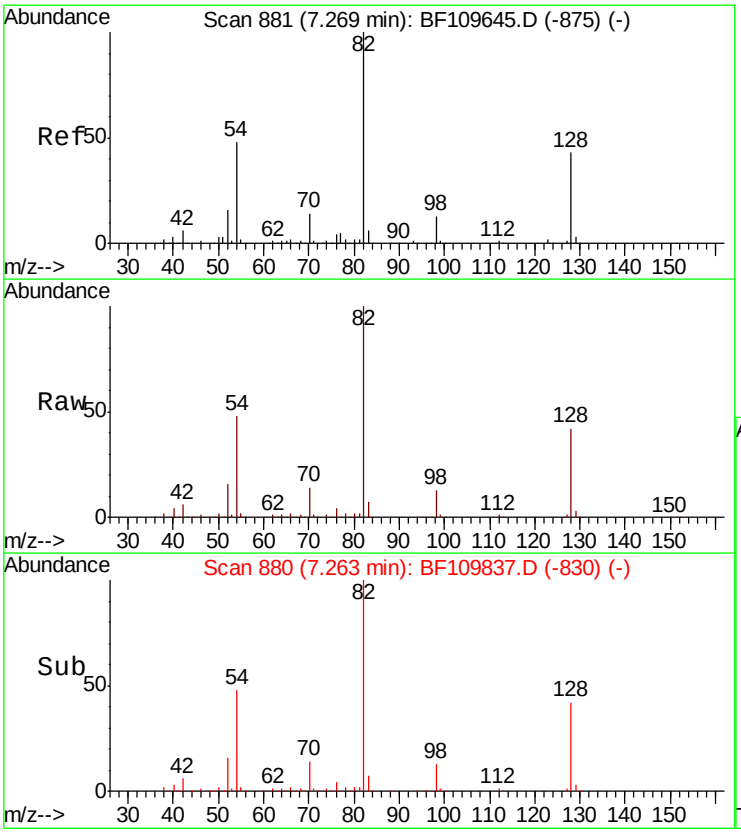
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 457732

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.4	8.2
68	5.0	4.2	6.2

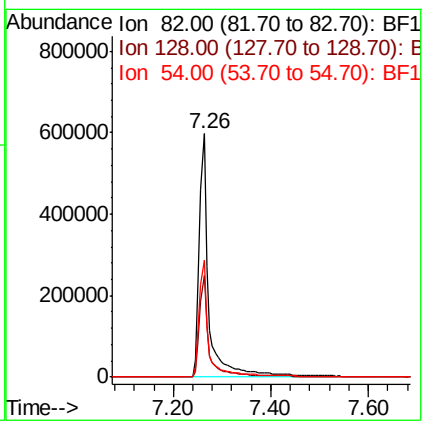


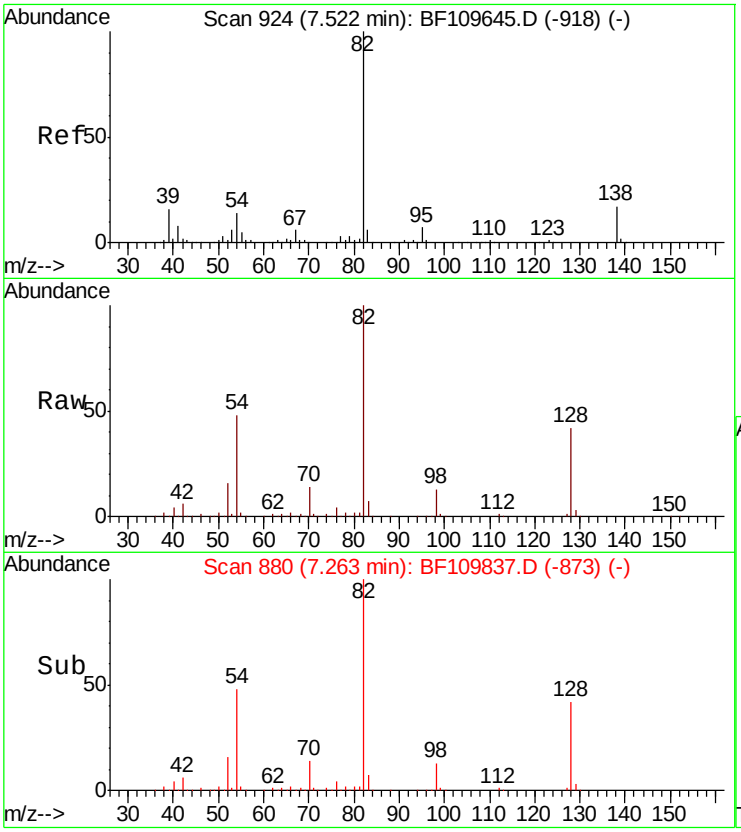


#23
Nitrobenzene-d5
Concen: 99.359 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion: 82 Resp: 825055

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.2	51.2
54	48.1	38.6	58.0



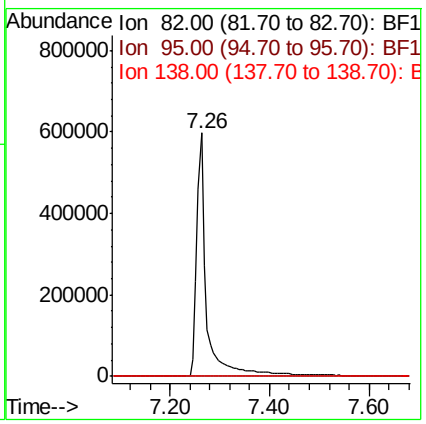


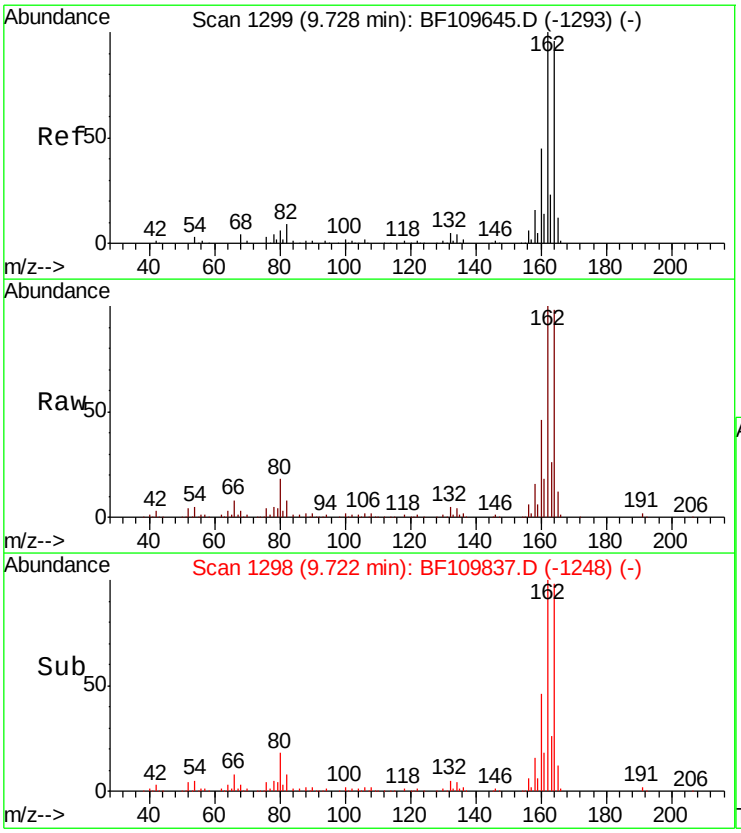
#25
Isophorone
Concen: 59.834 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 825051

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

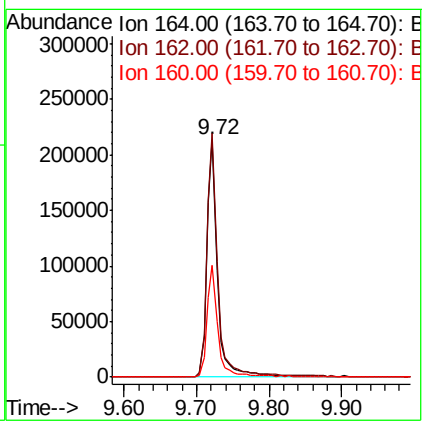


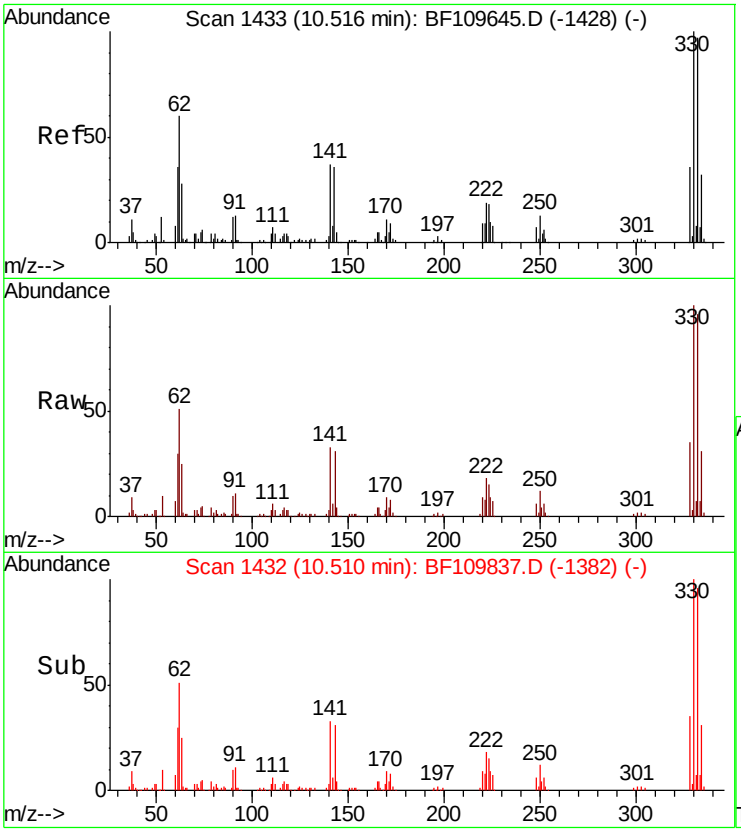


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion:164 Resp: 221970

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.6
160	46.9	37.0	55.6



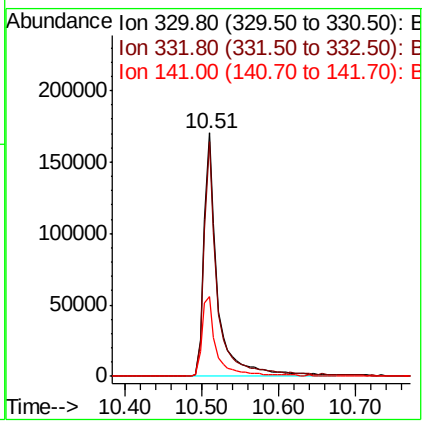


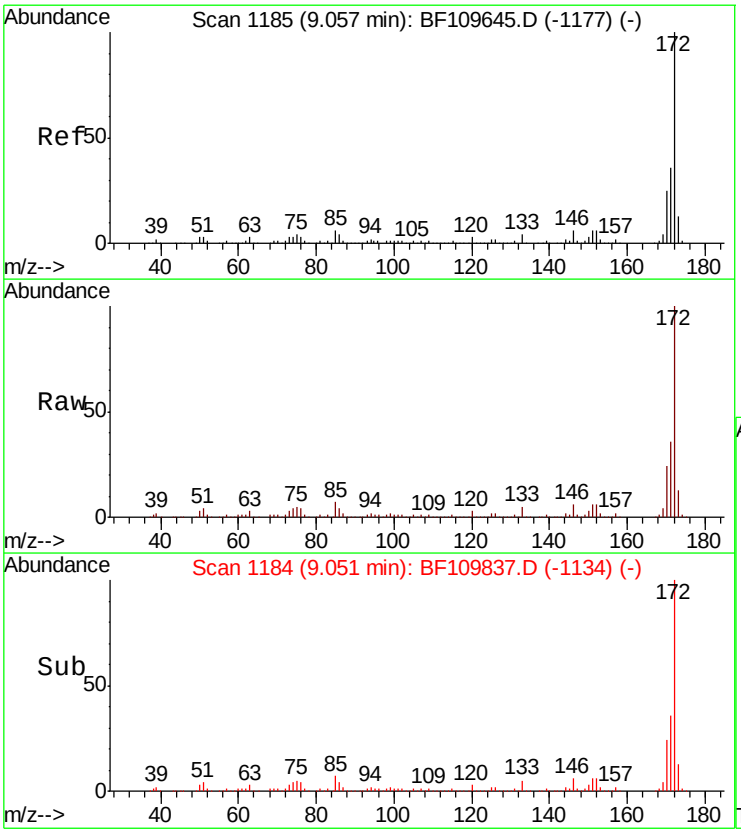
#41
2,4,6-Tribromophenol
Concen: 87.956 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 212731

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	35.2	27.0	40.4

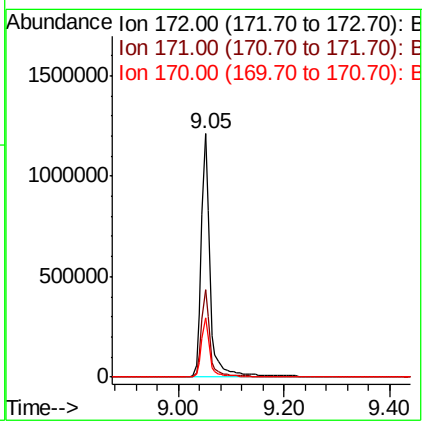


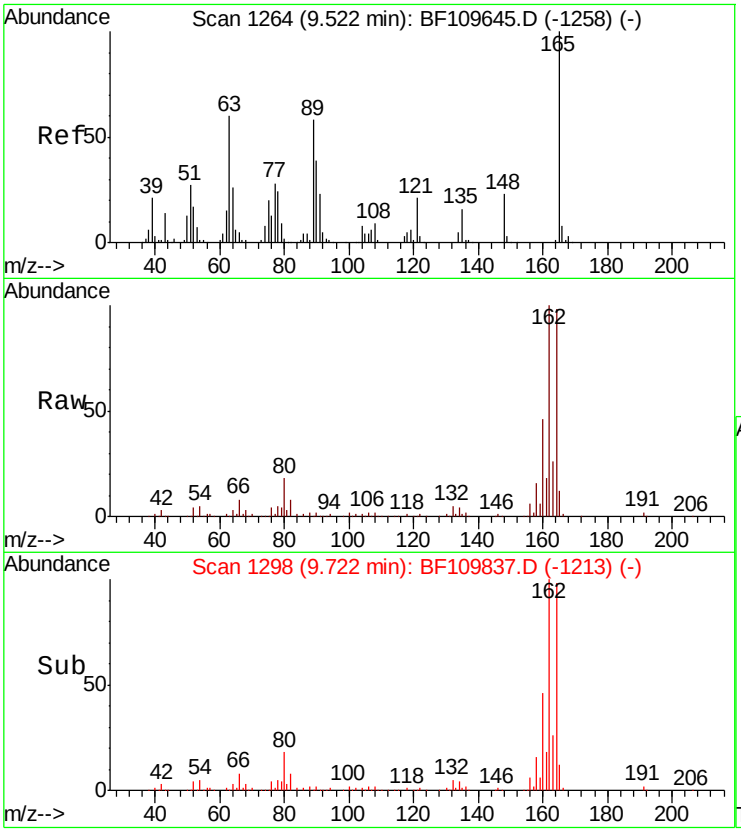


#44
2-Fluorobiphenyl
Concen: 89.558 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion:172 Resp: 1443389

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.5	19.7	29.5



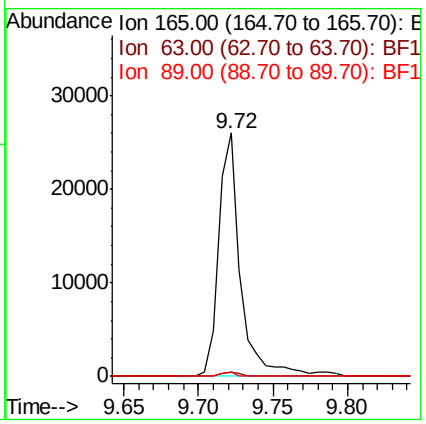


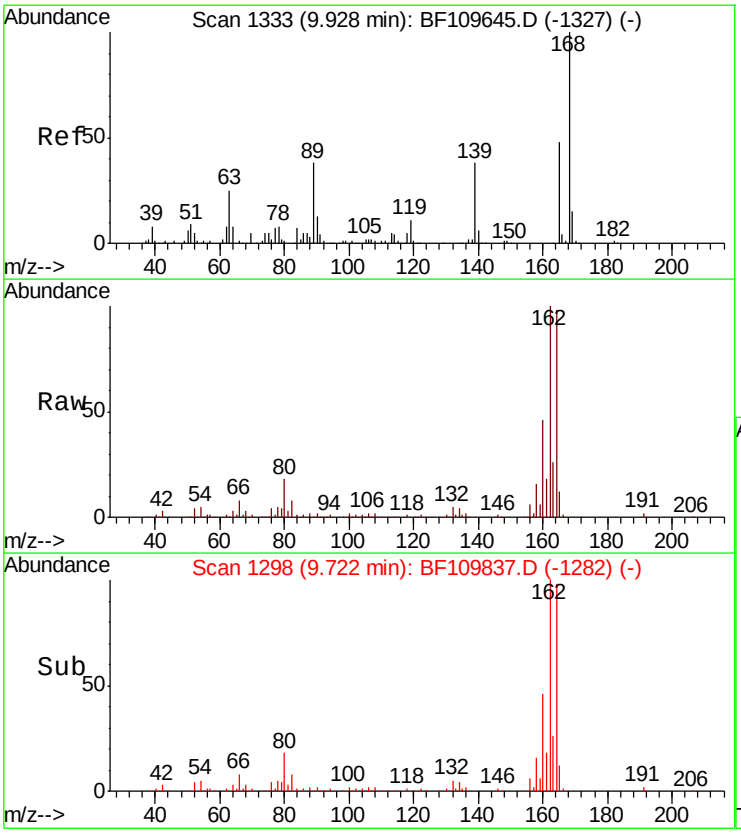
#50
2,6-Dinitrotoluene
Concen: 7.646 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26983

Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.9	73.3#
89	1.9	46.6	69.8#

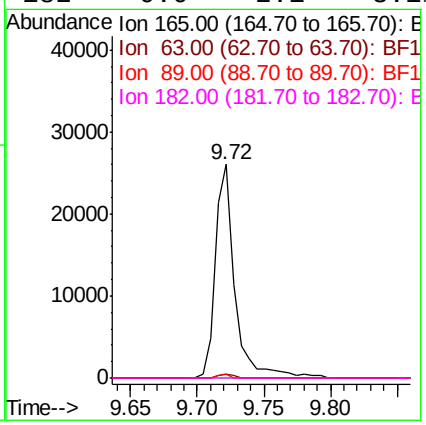


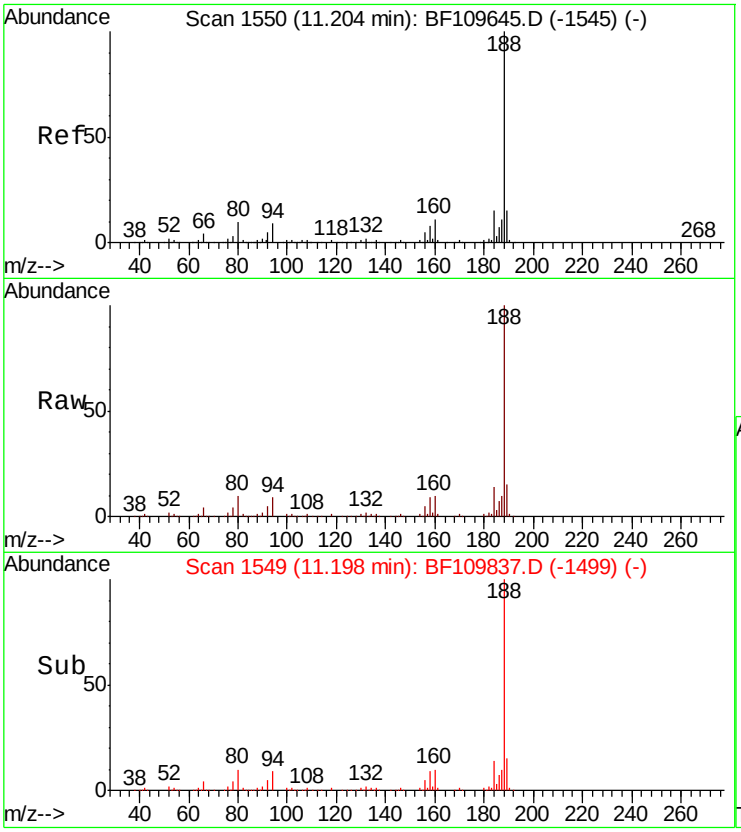


#56
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion:165 Resp: 26984

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



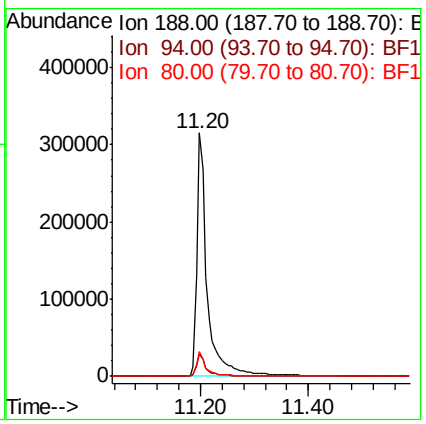


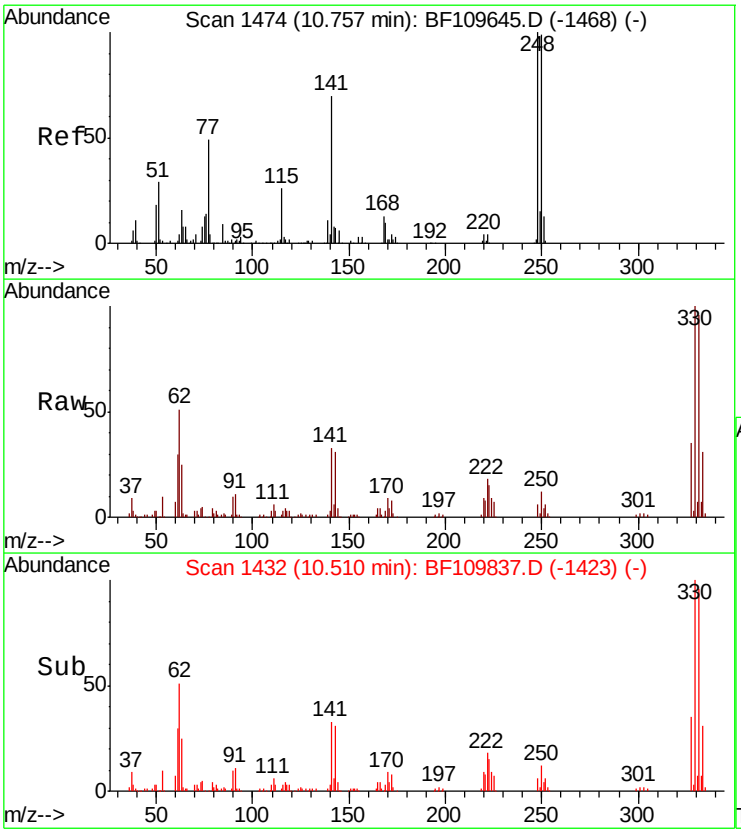
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 421451

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.0	7.9	11.9

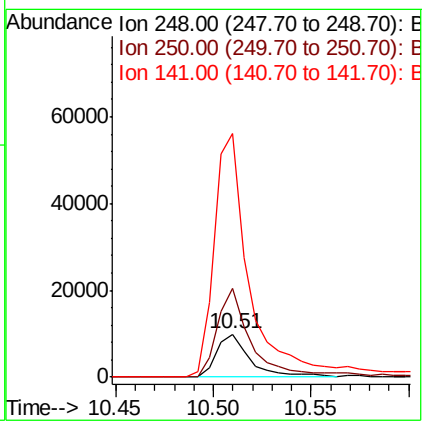


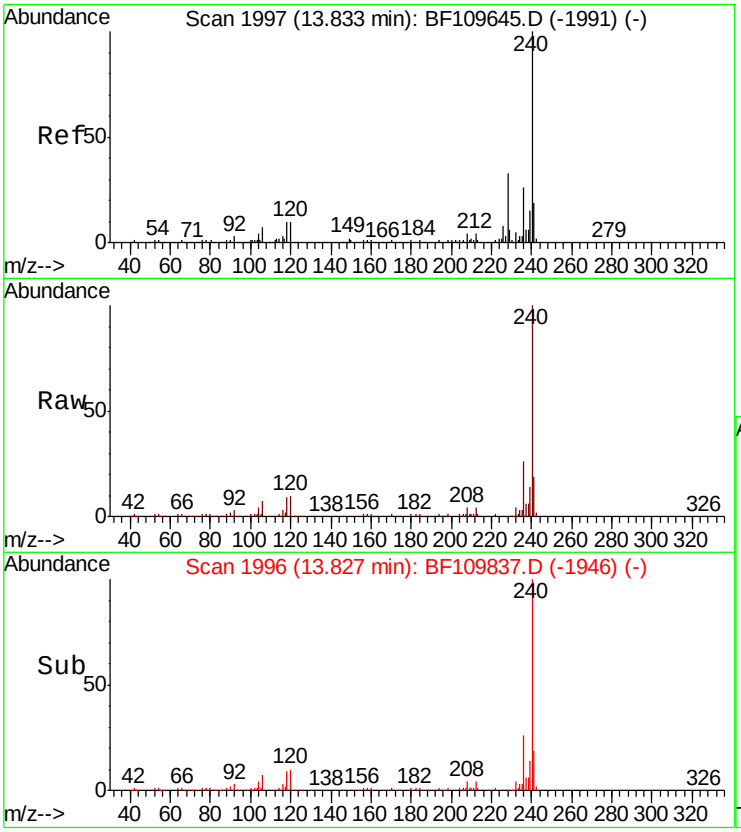


#66
4-Bromophenyl-phenylether
Concen: 2.459 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion:248 Resp: 11910

Ion	Ratio	Lower	Upper
248	100		
250	205.3	79.4	119.2#
141	567.2	55.9	83.9#



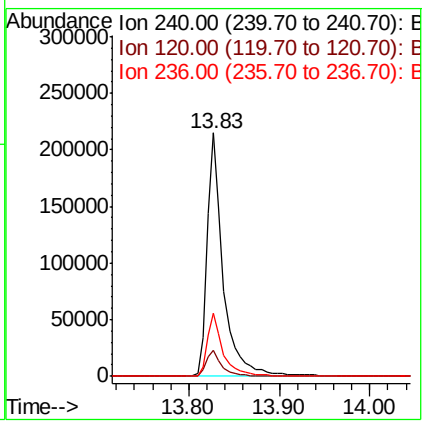


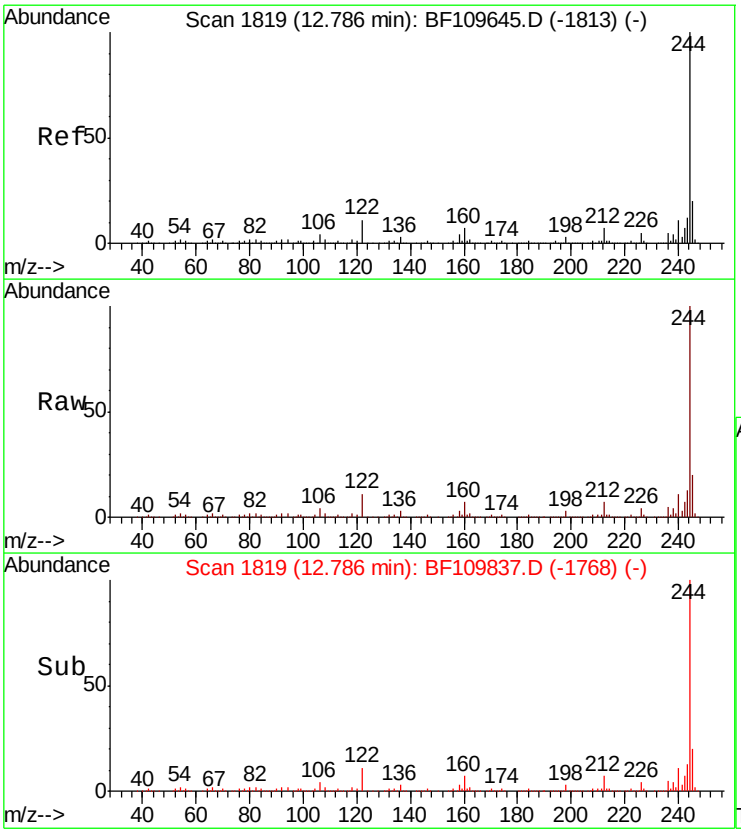
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 267979

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	26.0	21.2	31.8

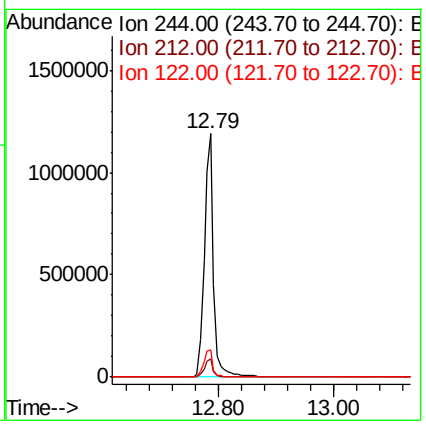


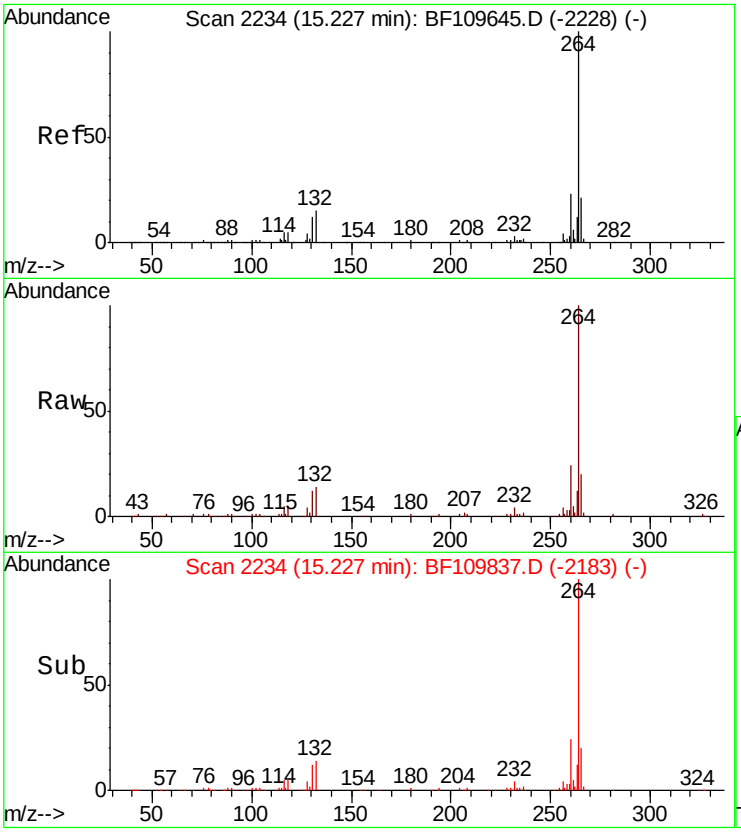


#78
Terphenyl-d14
Concen: 96.017 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Tgt Ion:244 Resp: 1329164

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.0	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109837.D
Acq: 12 Oct 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 218023

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.5	16.7	25.1