Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109312.D
Acq On : 26 Sep 2018 3:25
Operator : JU/SJ
Sample : J5052-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 092018-JETT-F-D-B

Quant Time: Sep 26 08:26:21 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	6.71	152	109026	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	397311	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	170372	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	279871	20.00	ng	0.00
75) Chrysene-d12	13.84	240	254014	20.00	ng	0.00
86) Perylene-d12	15.24	264	179136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	292497	44.19	ng	0.00
7) Phenol-d6	6.34	99	264860	31.36	ng	-0.02
23) Nitrobenzene-d5	7.27	82	703184	104.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	152385	90.73	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1158071	102.52	ng	0.00
78) Terphenyl-d14	12.80	244	1044524	100.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	12226	2.253	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	96294	17.398	ng	# 77
25) Isophorone	7.27	82	682569	56.318	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	21249	8.658	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	21249	6.843	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	121	6.613	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9361	3.012	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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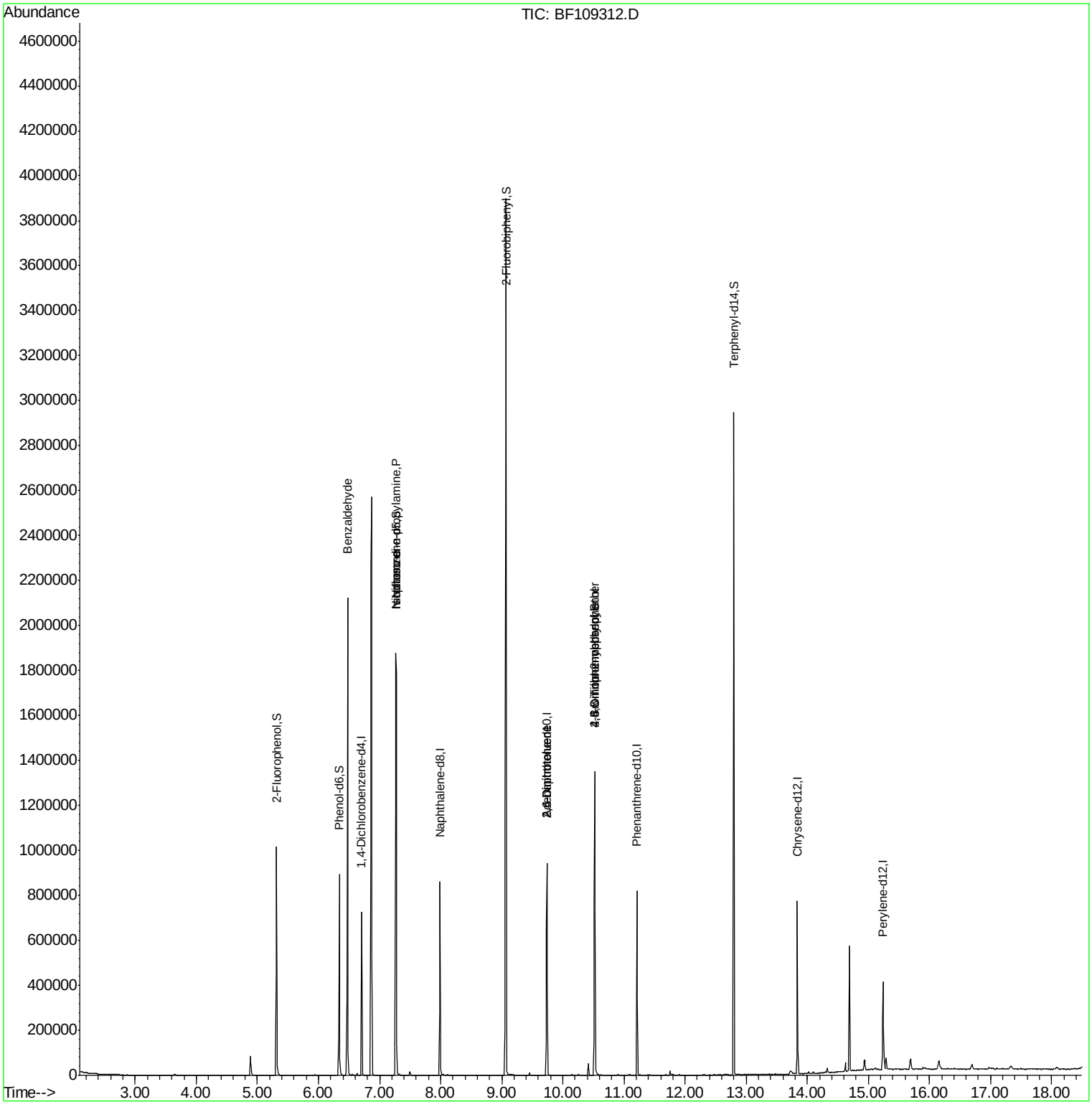
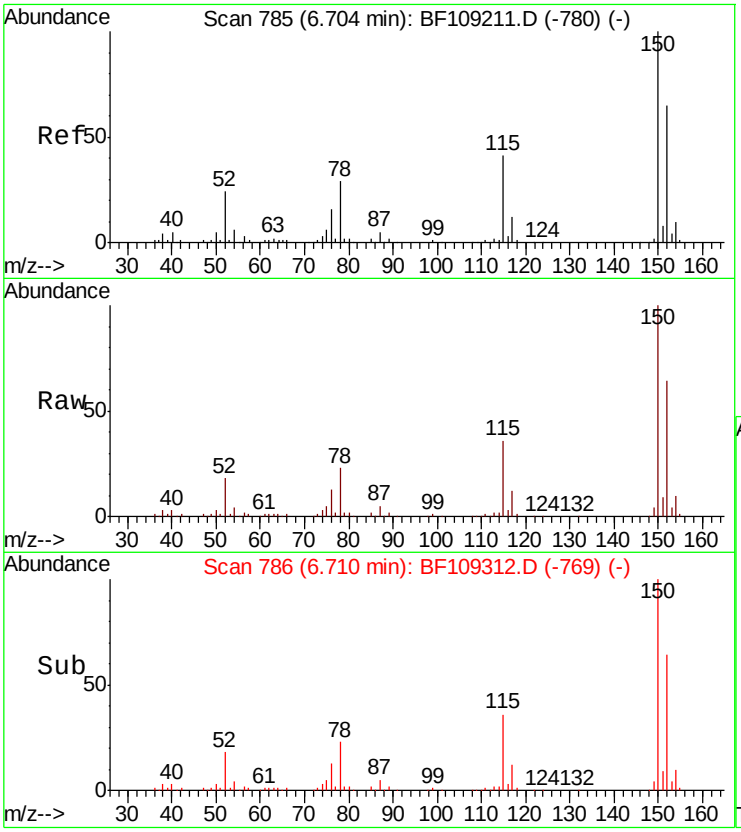


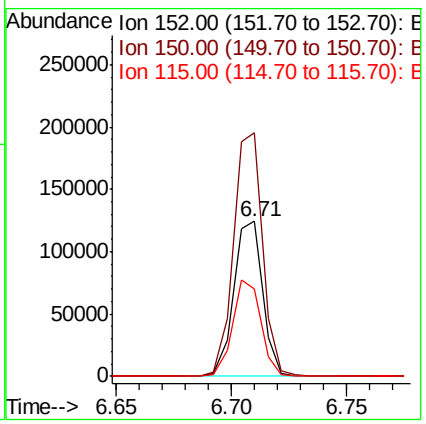


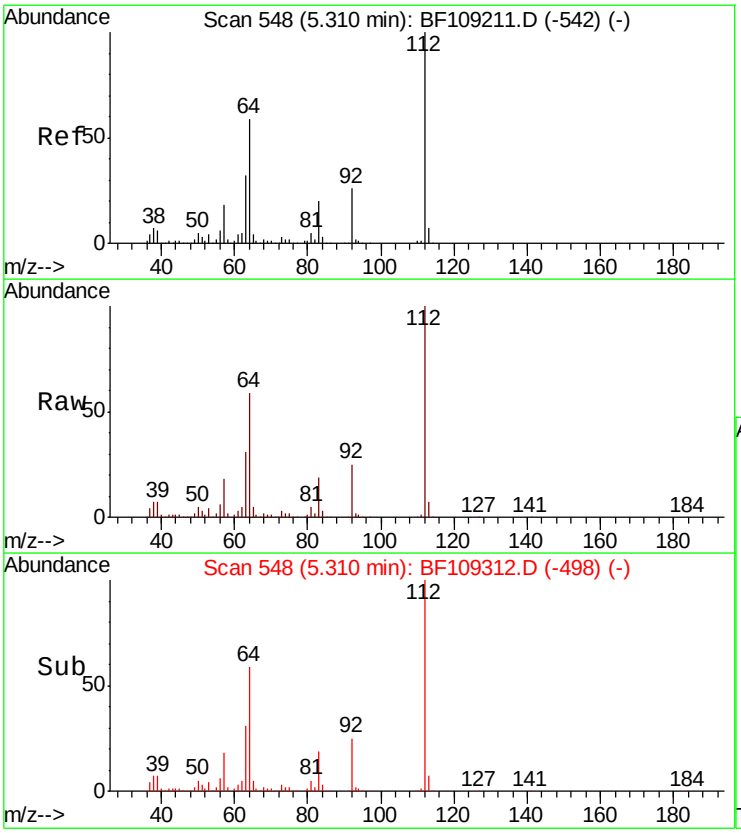
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:152 Resp: 109026

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	56.4	50.1	75.1

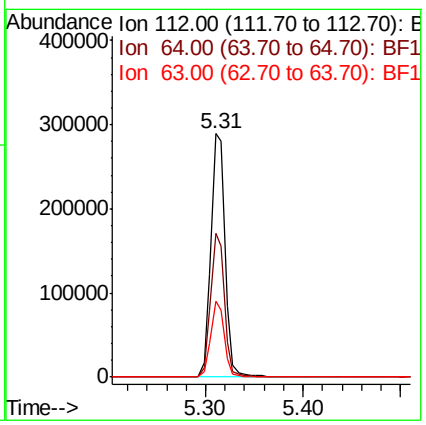


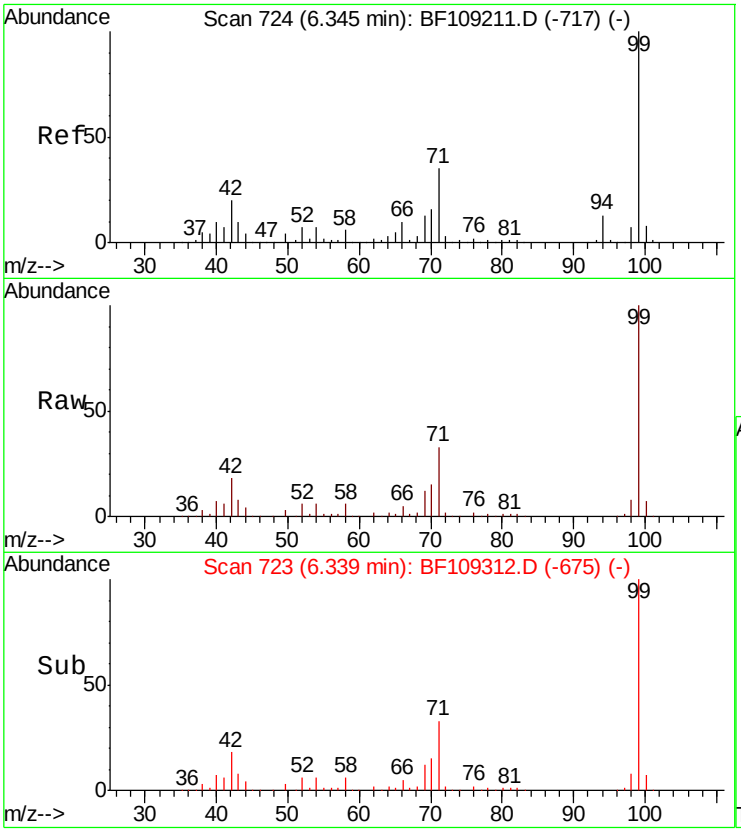


#5
2-Fluorophenol
Concen: 44.188 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:112 Resp: 292497

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.3	23.7	35.5



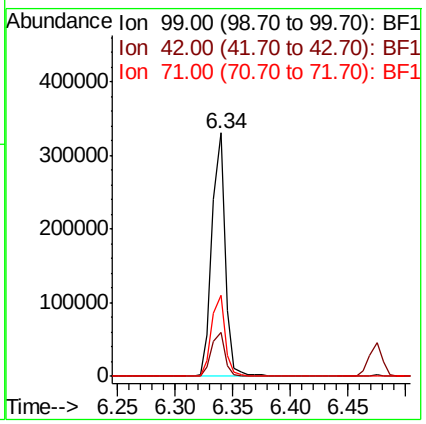


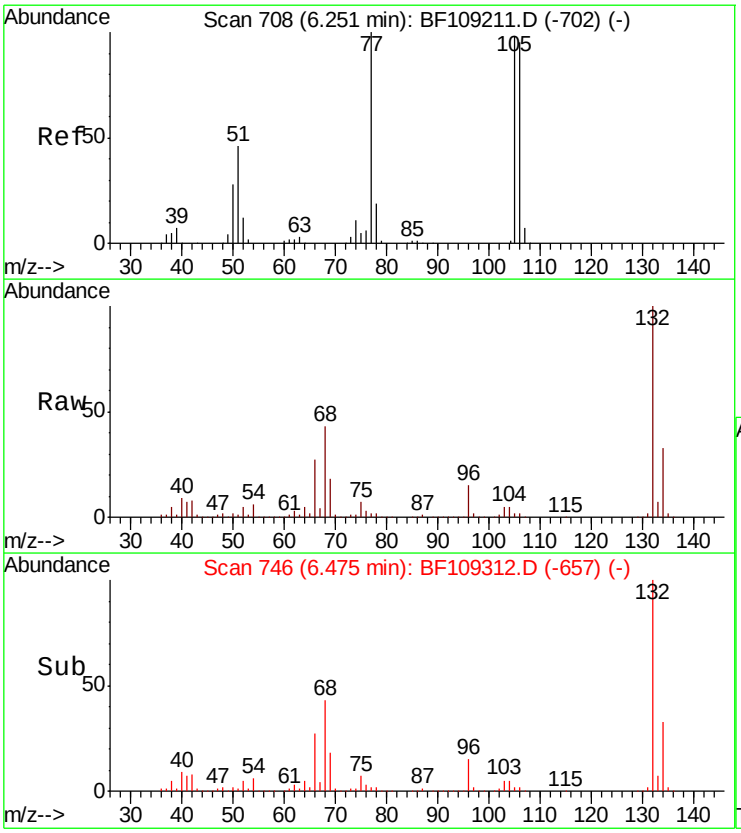
#7
Phenol-d6
Concen: 31.357 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion: 99 Resp: 264860

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	33.0	25.4	38.0

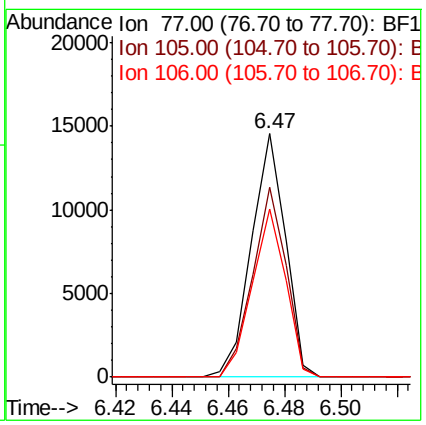


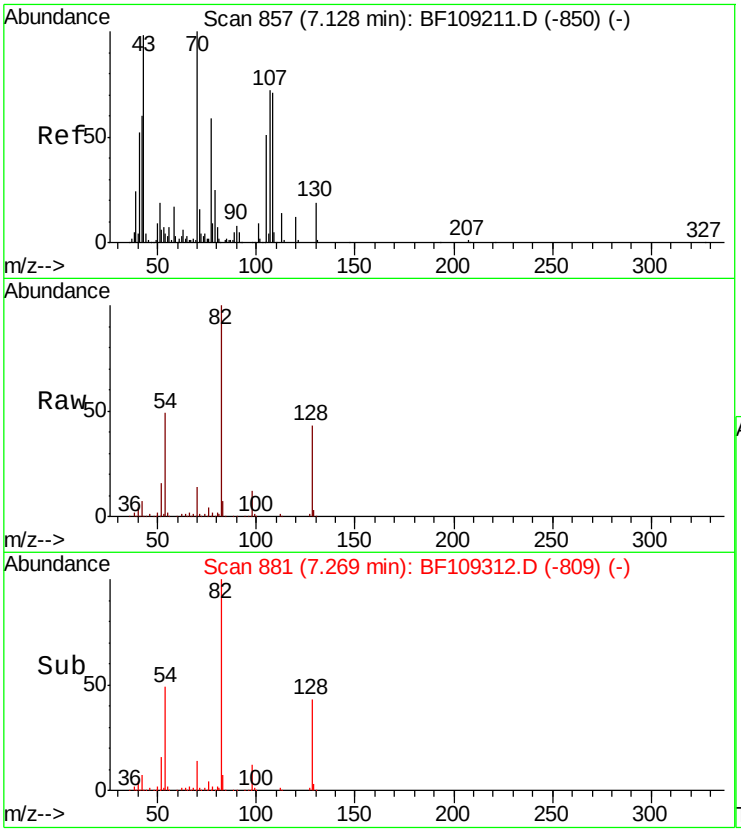


#9
Benzaldehyde
Concen: 2.253 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion: 77 Resp: 12226

Ion	Ratio	Lower	Upper
77	100		
105	78.2	81.1	121.1#
106	69.2	74.5	114.5#



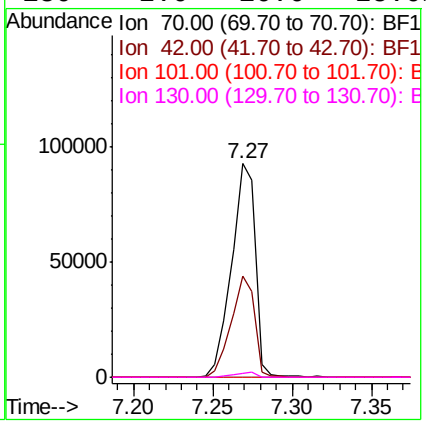


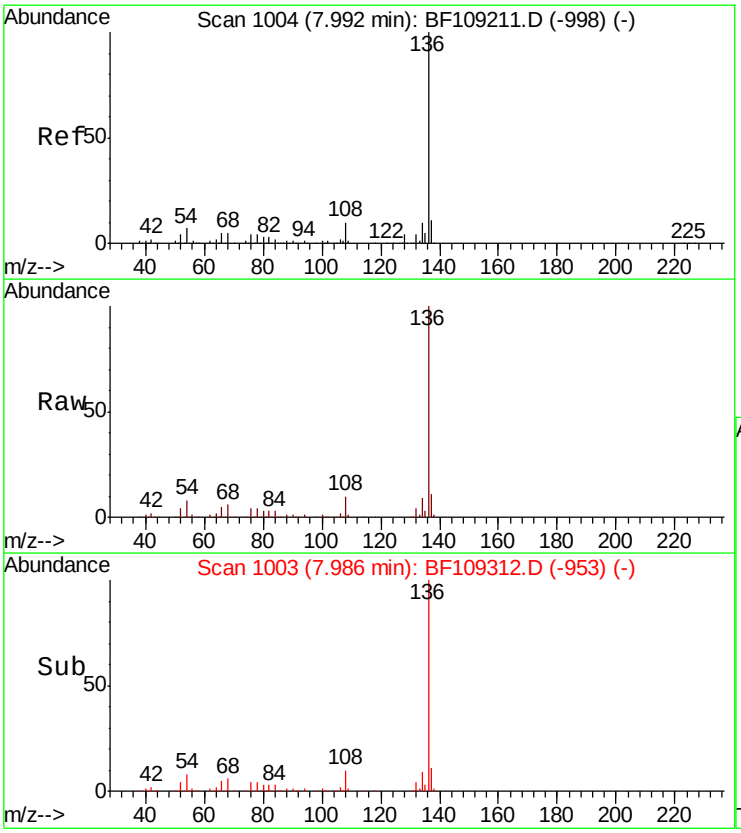
#19
n-Nitroso-di-n-propylamine
Concen: 17.398 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion: 70 Resp: 96294

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

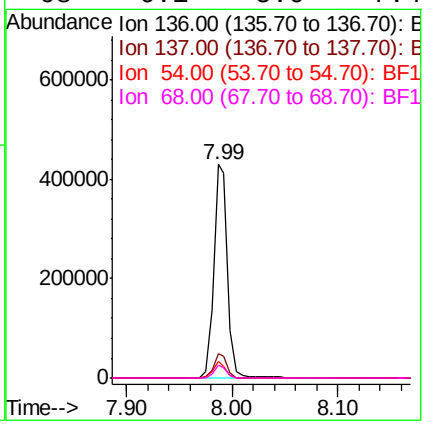


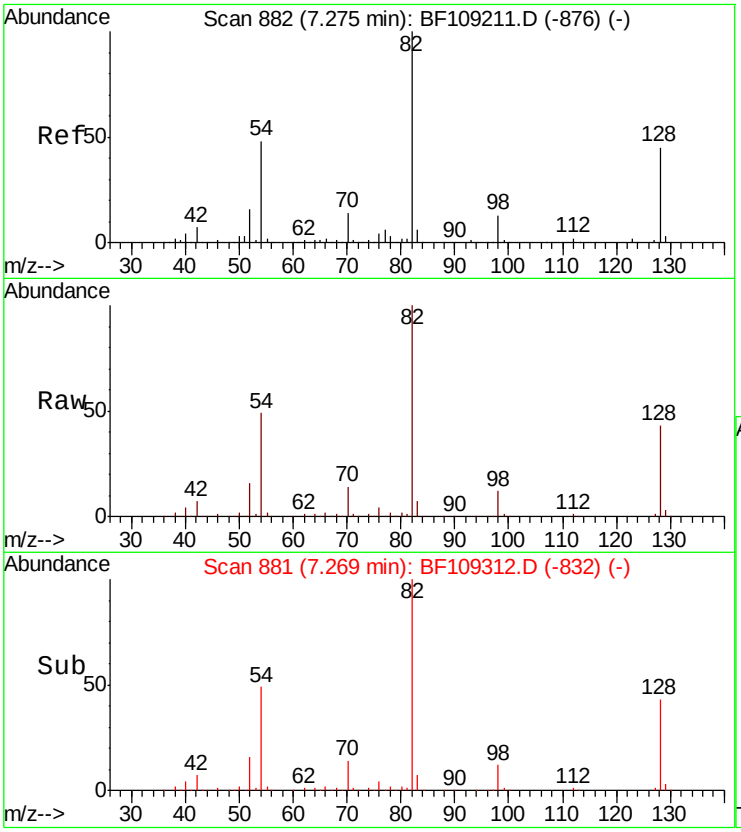


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:136 Resp: 397311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4



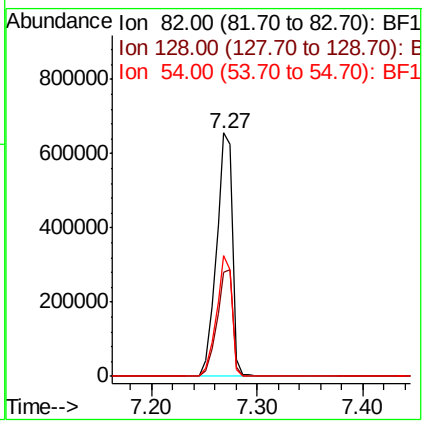


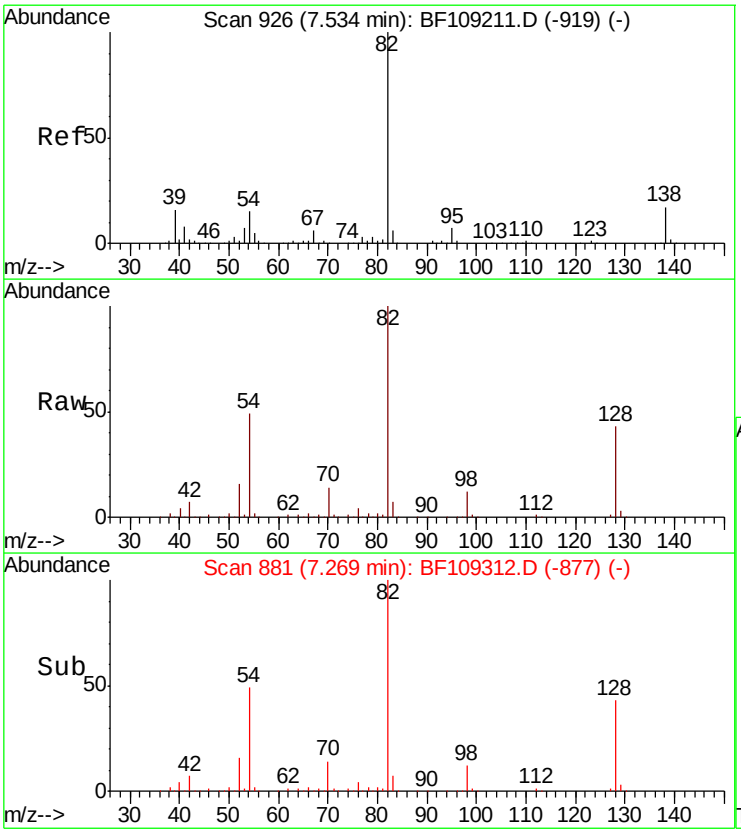
#23
Nitrobenzene-d5
Concen: 104.477 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion: 82 Resp: 703184

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	49.4	41.4	62.2

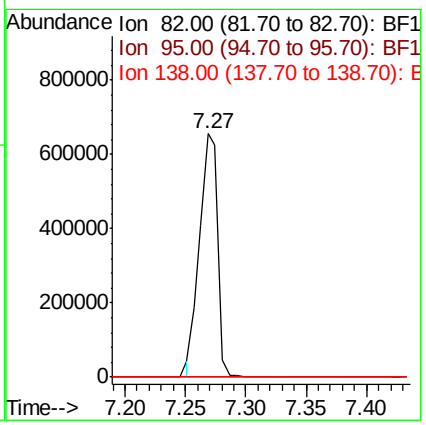


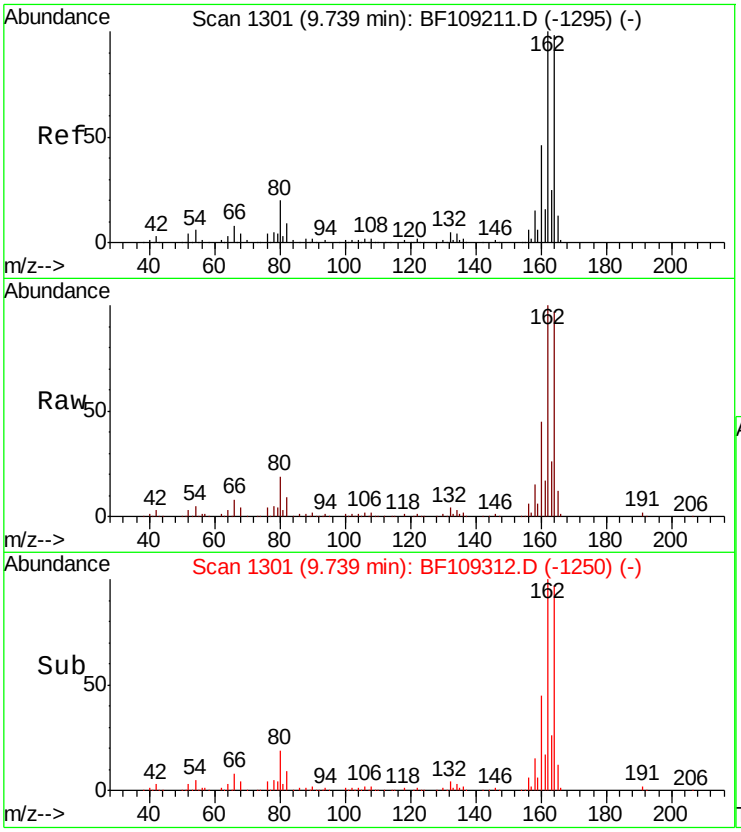


#25
Isophorone
Concen: 56.318 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion: 82 Resp: 682569

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



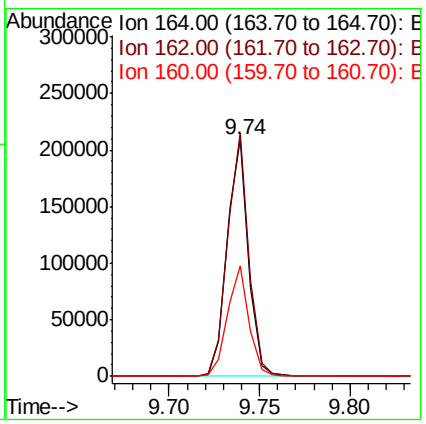


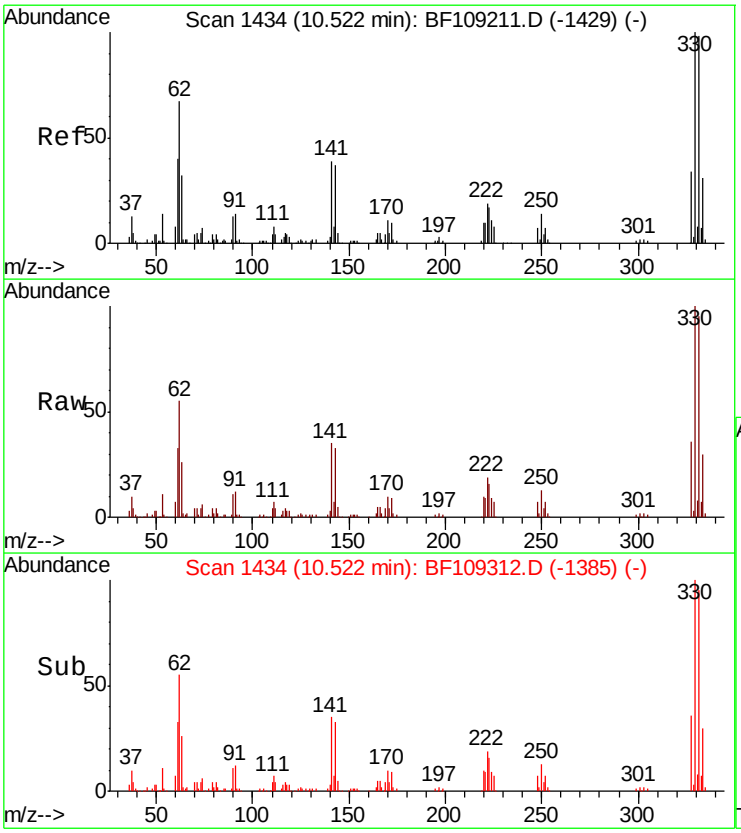
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:164 Resp: 170372

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.7	38.3	57.5

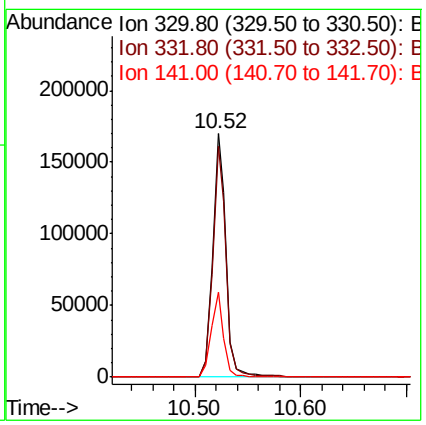


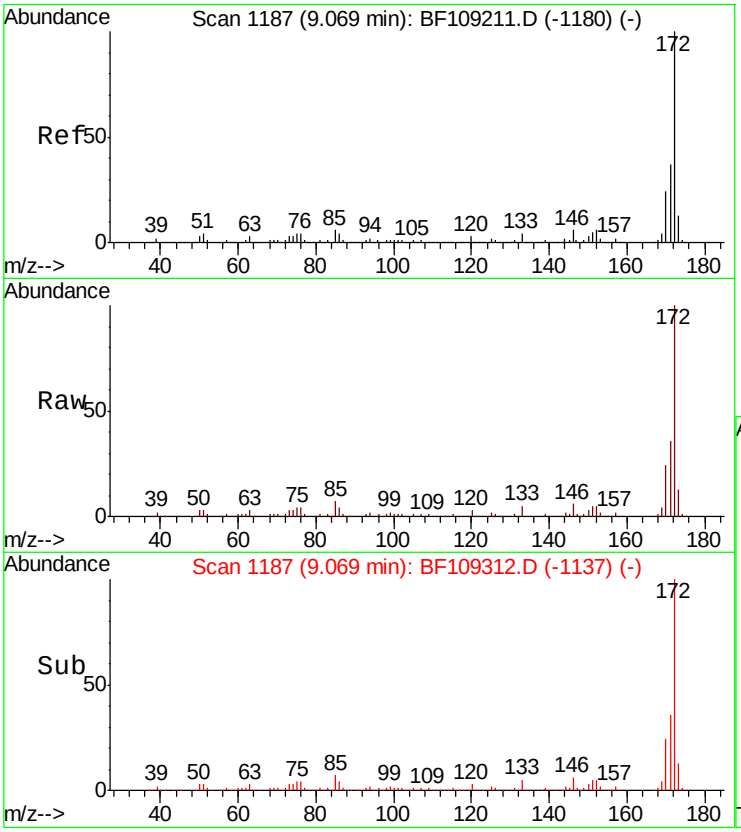


#41
2,4,6-Tribromophenol
Concen: 90.732 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:330 Resp: 152385

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.3	29.9	44.9



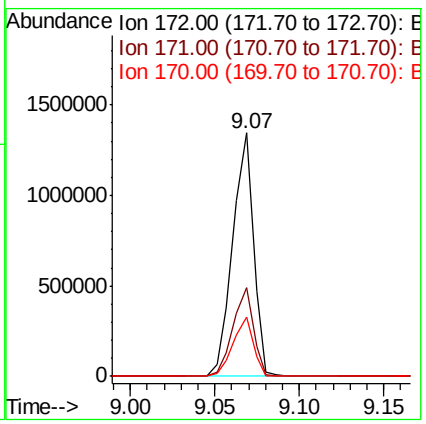


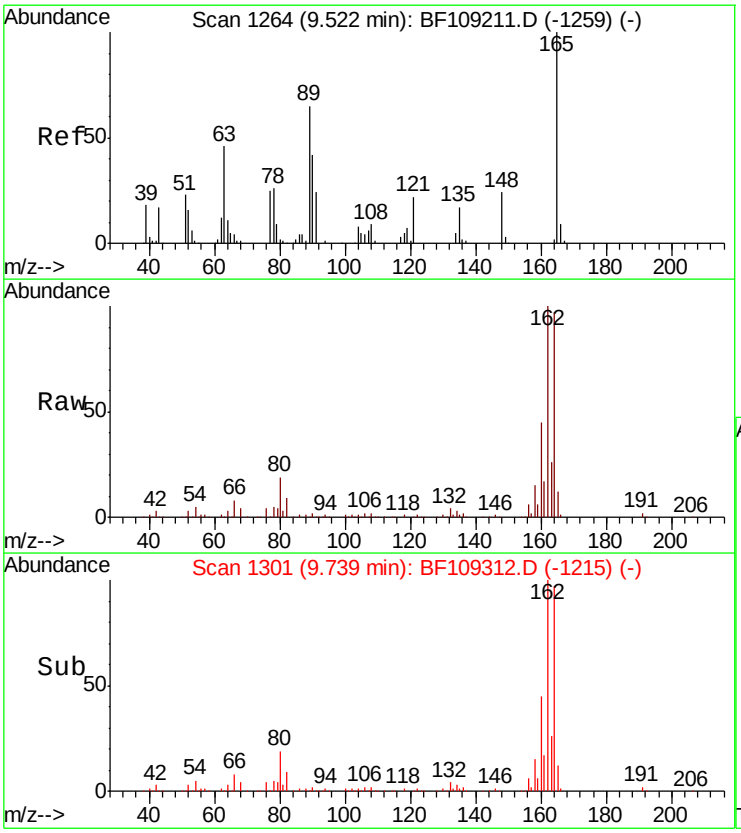
#44
2-Fluorobiphenyl
Concen: 102.516 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:172 Resp: 1158071

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

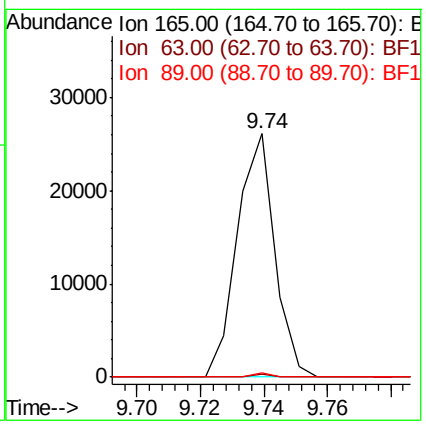


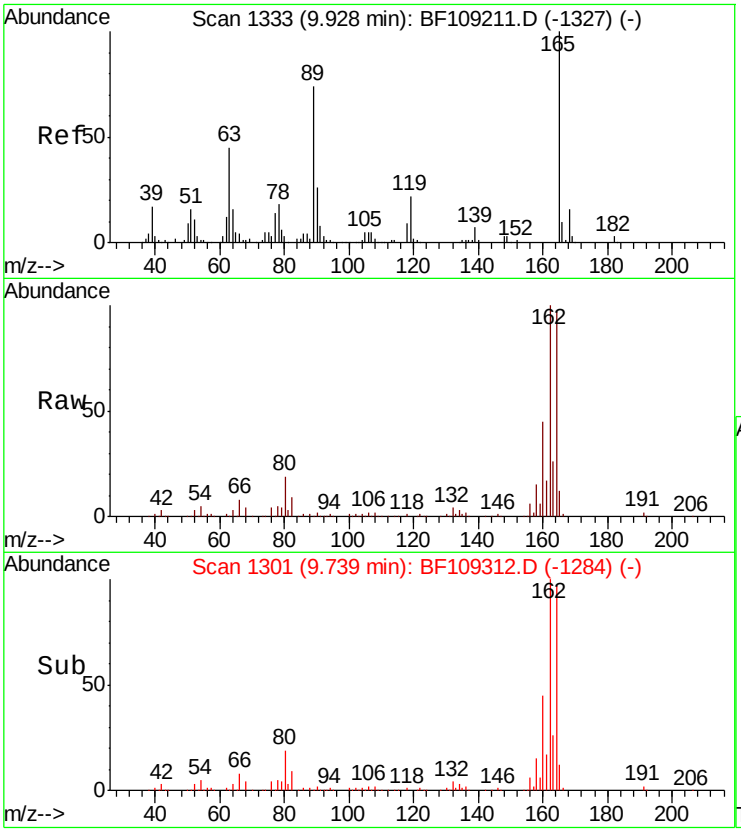


#50
2,6-Dinitrotoluene
Concen: 8.658 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:165 Resp: 21249

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	44.0	66.0#



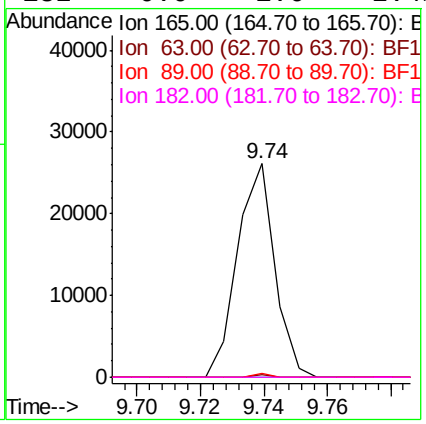


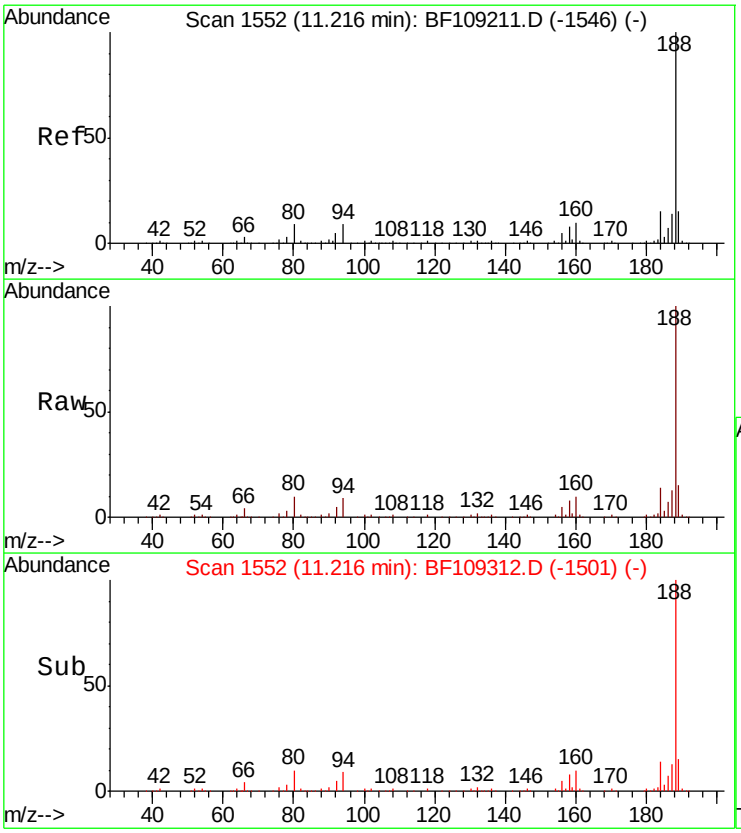
#56
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:165 Resp: 21249

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

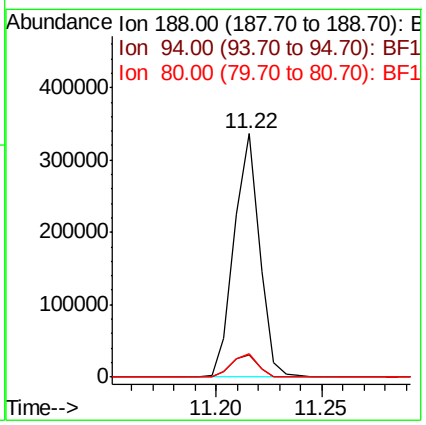


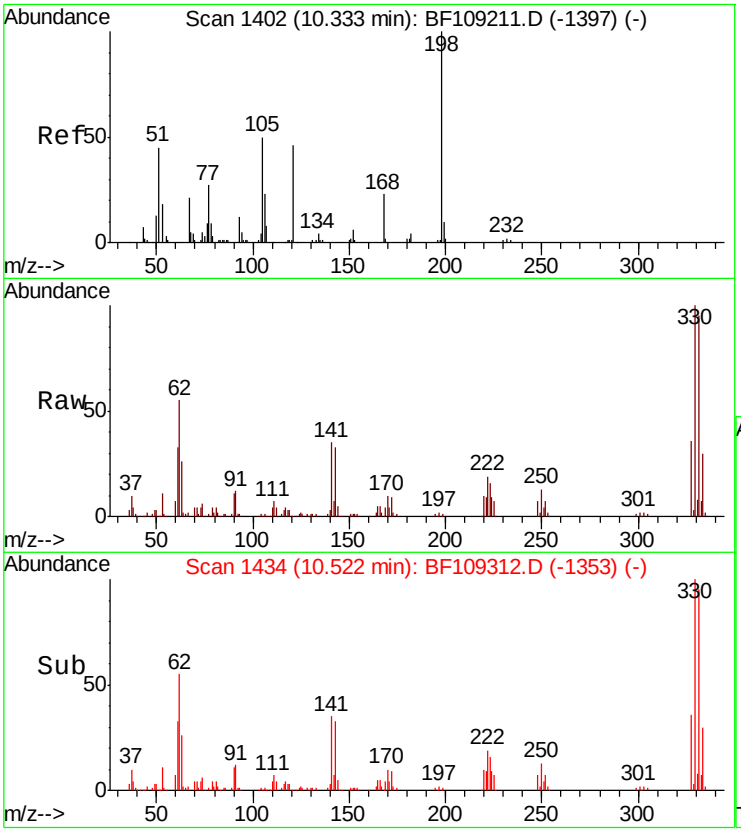


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:188 Resp: 279871

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8



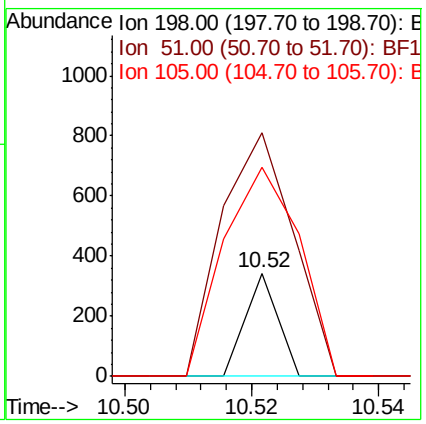


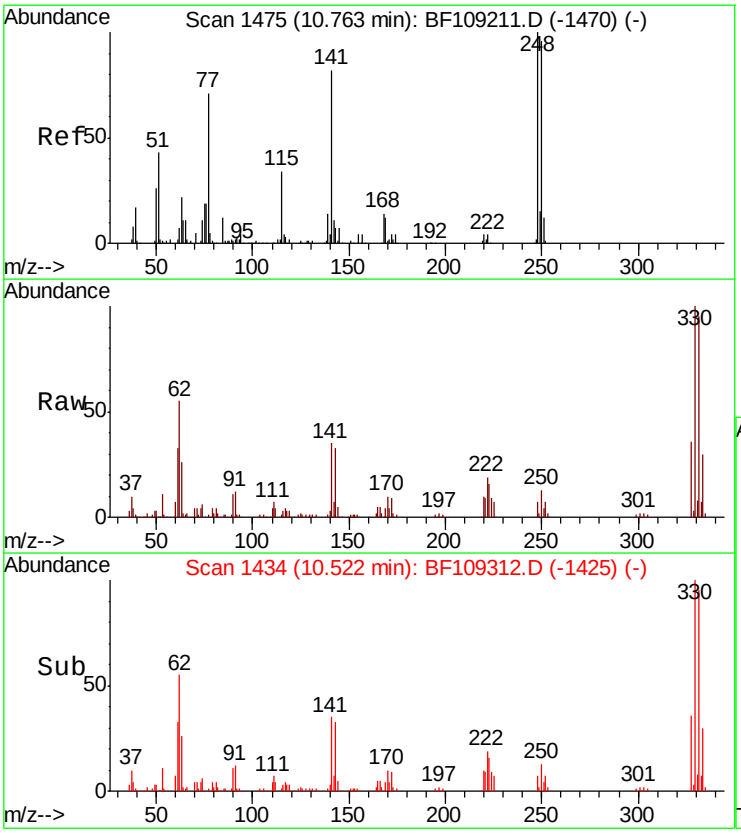
#64
4,6-Dinitro-2-methylphenol
Concen: 6.613 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:198 Resp: 121

Ion	Ratio	Lower	Upper
198	100		
51	236.2	37.7	77.7#
105	202.3	36.3	76.3#

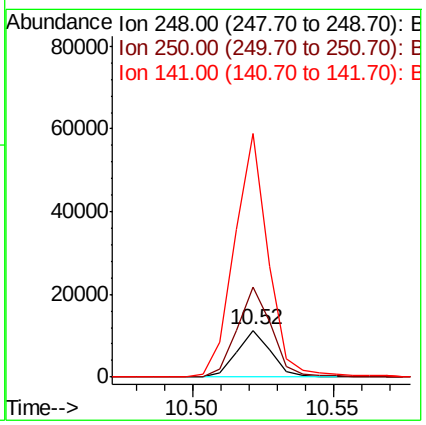


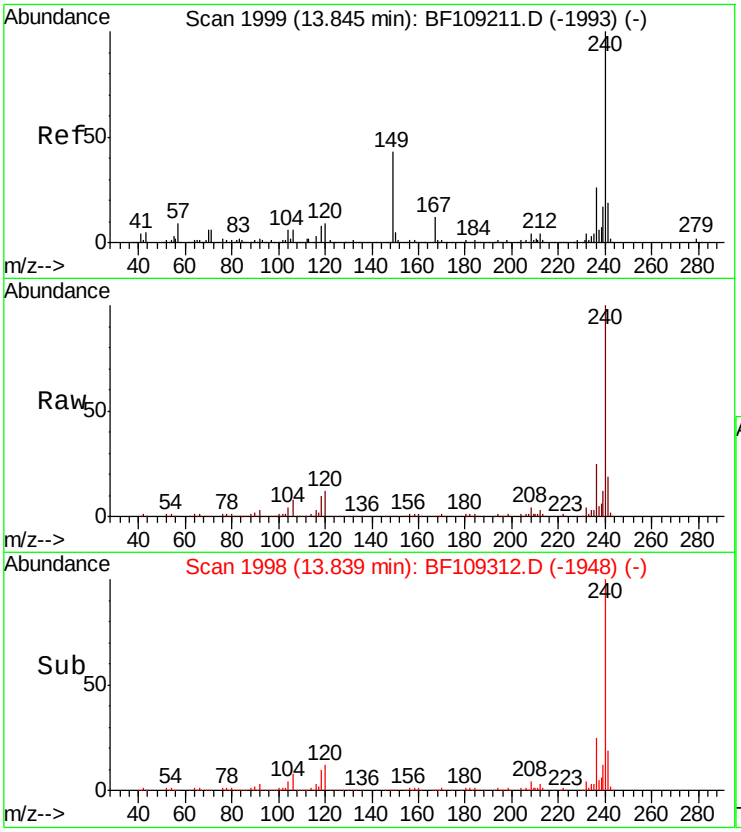


#66
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:248 Resp: 9361

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.9	115.3#
141	517.4	74.4	111.6#



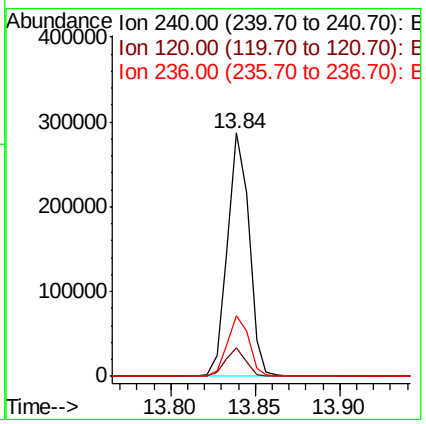


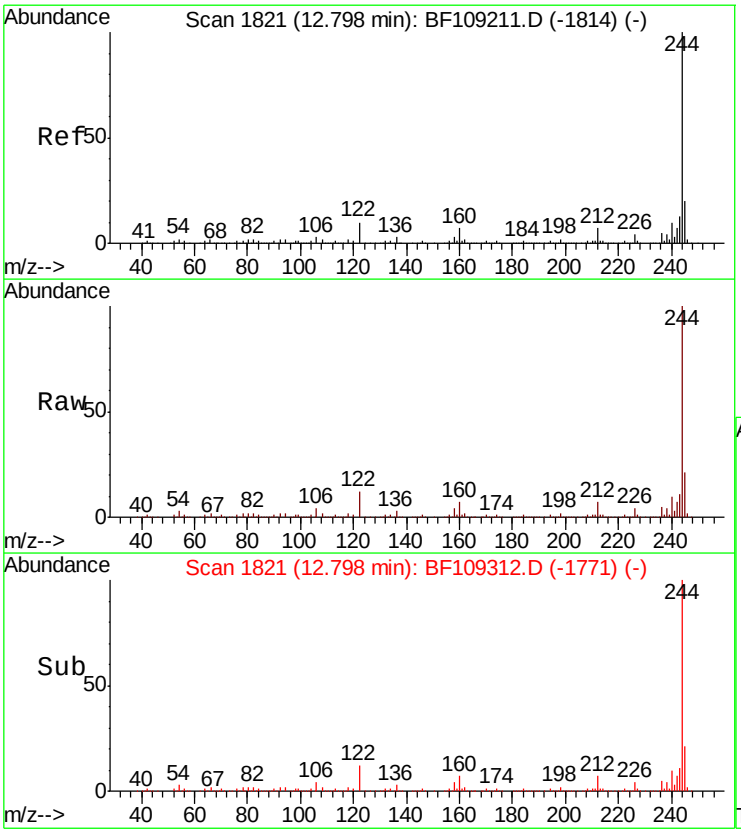
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:240 Resp: 254014

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	24.8	20.7	31.1

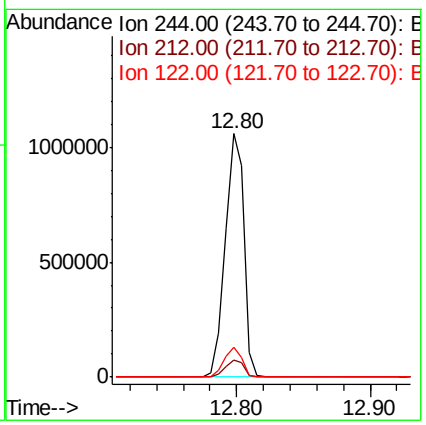


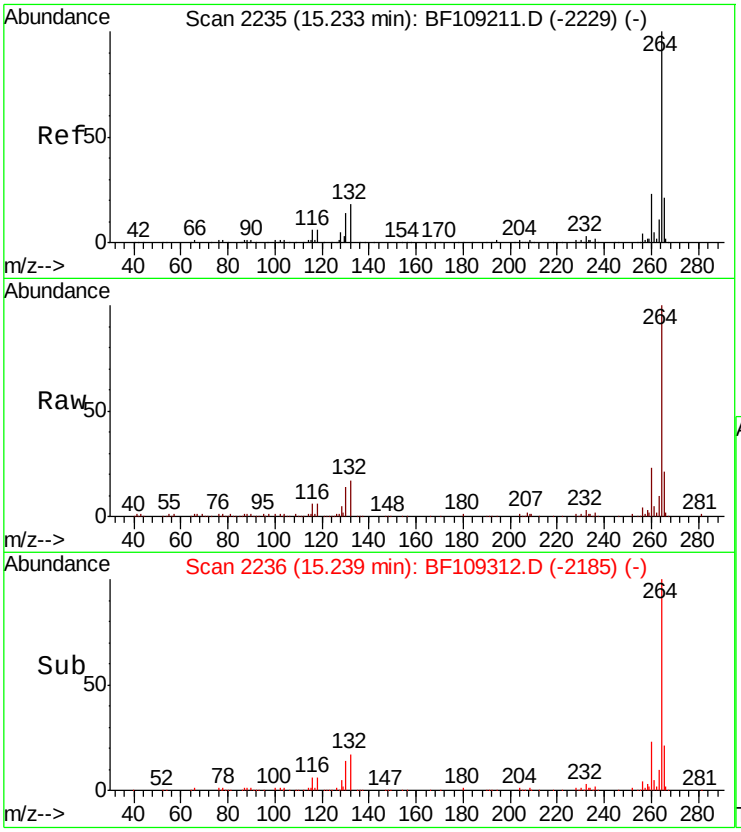


#78
Terphenyl-d14
Concen: 100.917 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Tgt Ion:244 Resp: 1044524

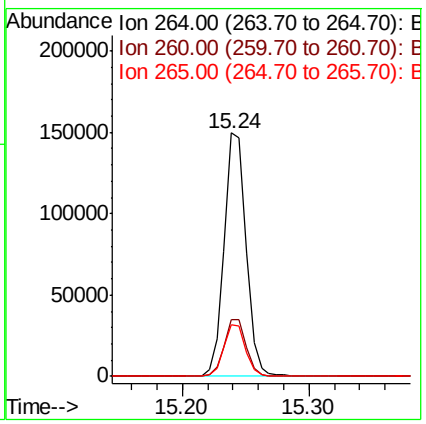
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109312.D
Acq: 26 Sep 2018 3:25

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-B

Tgt Ion:264 Resp: 179136

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3