Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
Data File : BF109159.D
Acq On : 19 Sep 2018 22:17
Operator : JU/SJ
Sample : J4931-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 091418-JETT-E-U-B

Quant Time: Sep 20 04:52:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141314	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	514901	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	221115	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	382059	20.00	ng	0.00
75) Chrysene-d12	13.85	240	352633	20.00	ng	0.00
86) Perylene-d12	15.26	264	326673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	347221	40.81	ng	0.00
7) Phenol-d6	6.35	99	288924	26.33	ng	-0.01
23) Nitrobenzene-d5	7.28	82	813673	88.63	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	176000	73.34	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1403761	99.46	ng	0.00
78) Terphenyl-d14	12.81	244	1256995	84.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	14380	2.052	ng	# 74
19) n-Nitroso-di-n-propylamine	7.28	70	110091	15.181	ng	# 77
25) Isophorone	7.28	82	808462	51.232	ng	# 64
49) Dimethylphthalate	9.47	163	35586	2.252	ng	98
50) 2,6-Dinitrotoluene	9.75	165	28643	8.173	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	28643	6.249	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	10659	2.475	ng	# 1

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

Quantitation Report (Not Reviewed)

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091418-JETT-E-U-B

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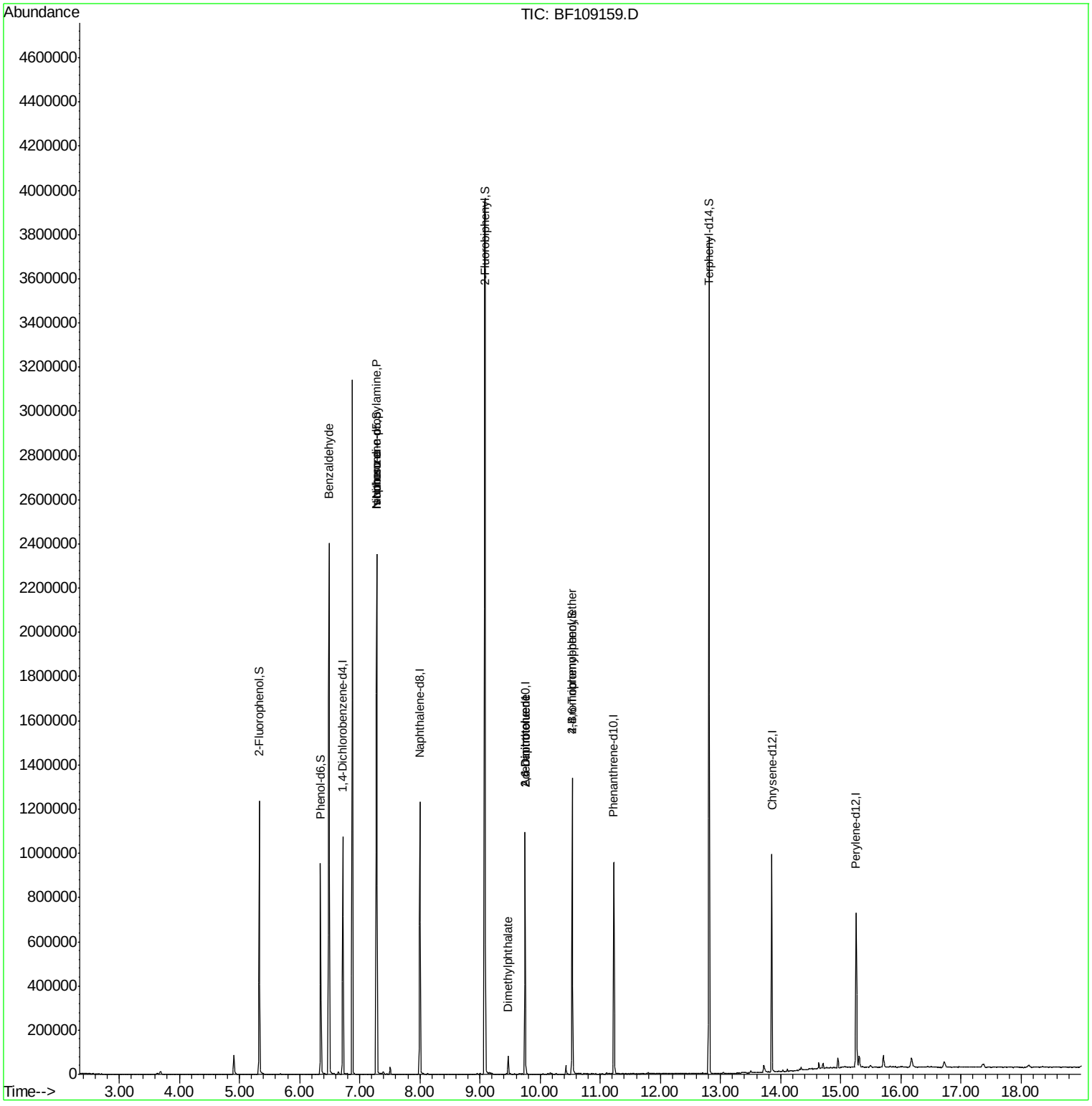
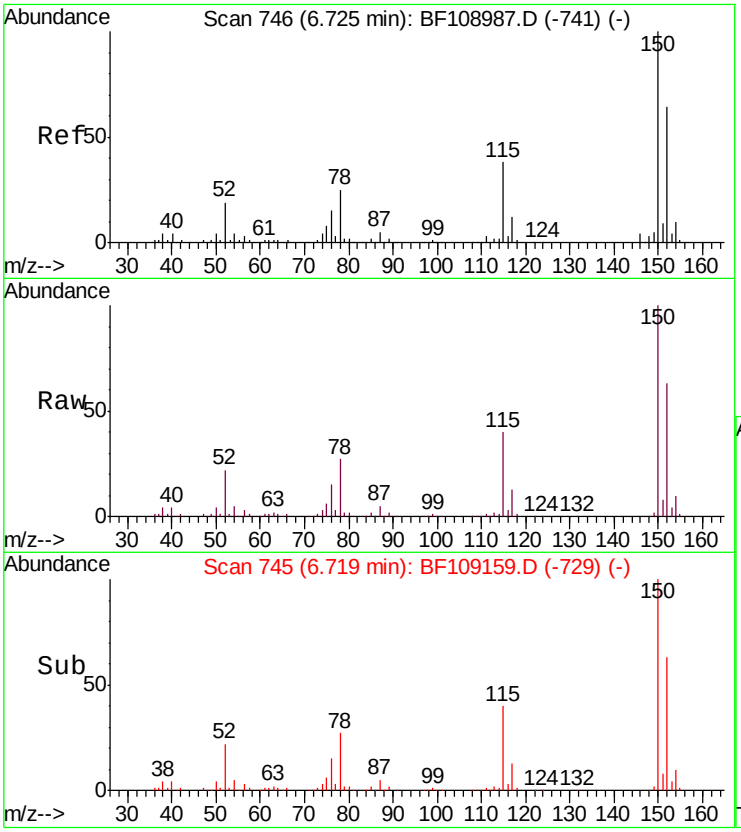
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



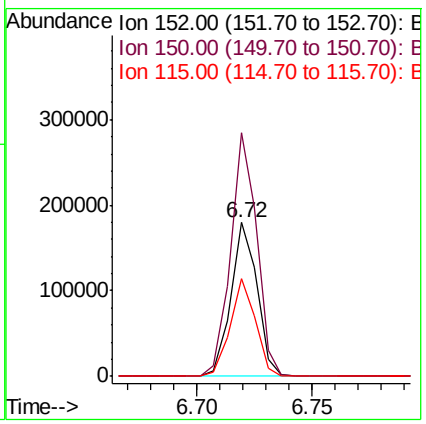


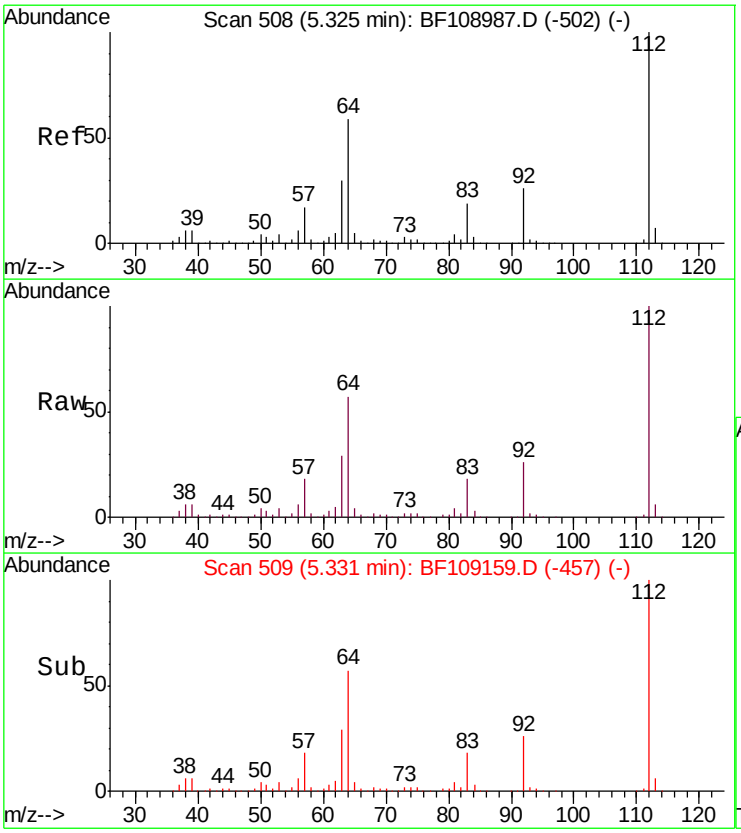
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:152 Resp: 141314

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	63.4	50.1	75.1

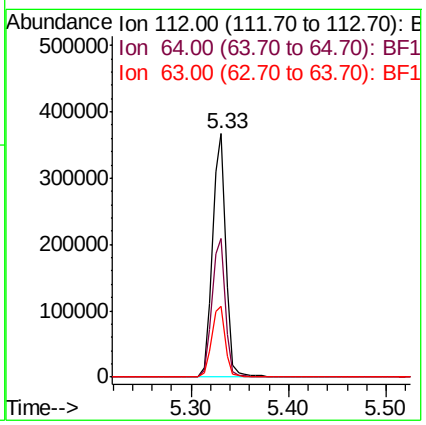


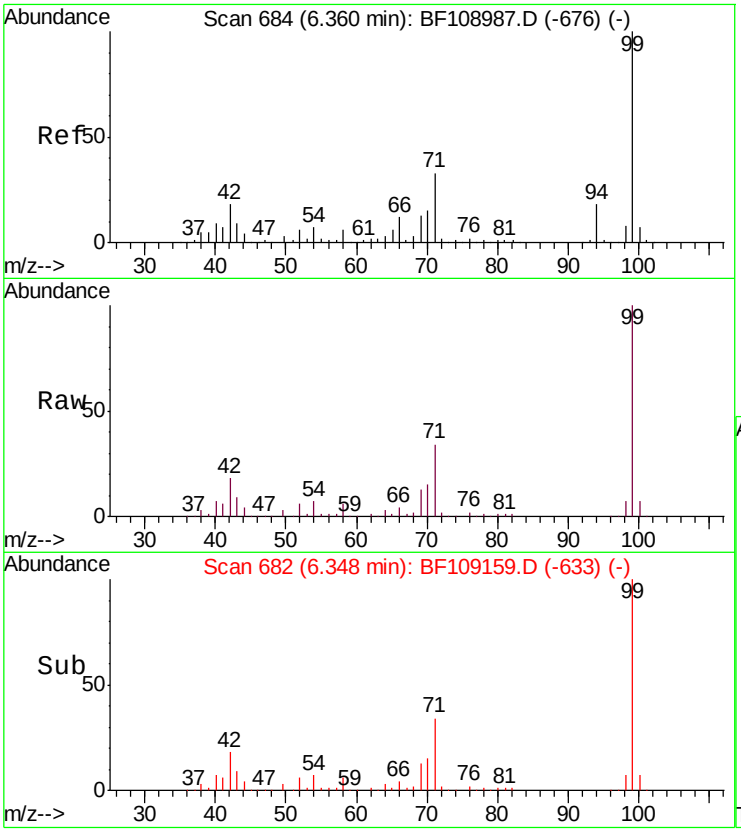


#5
2-Fluorophenol
Concen: 40.809 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:112 Resp: 347221

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	29.1	23.7	35.5



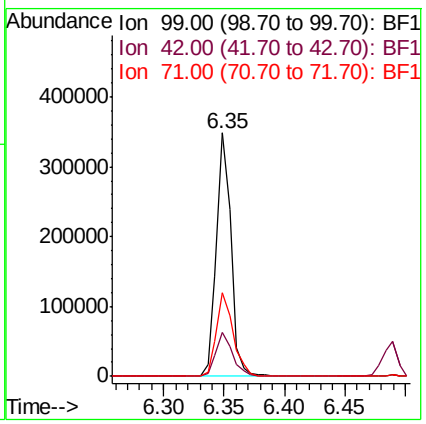


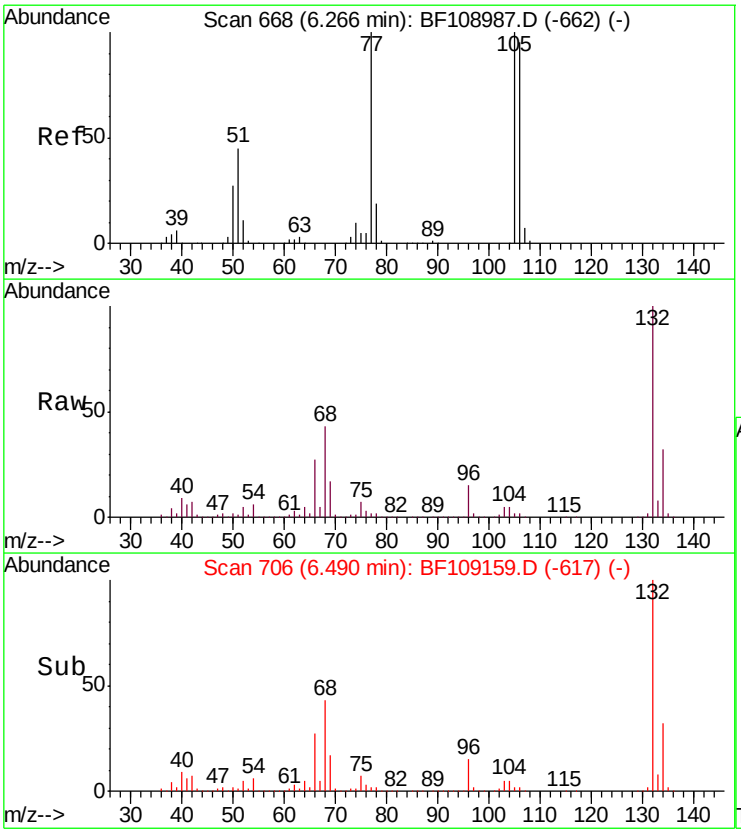
#7
Phenol-d6
Concen: 26.335 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion: 99 Resp: 288924

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	34.5	25.4	38.0

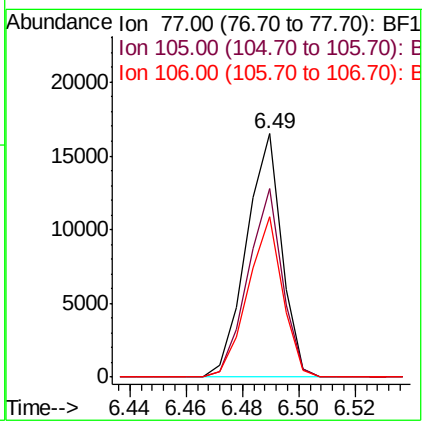


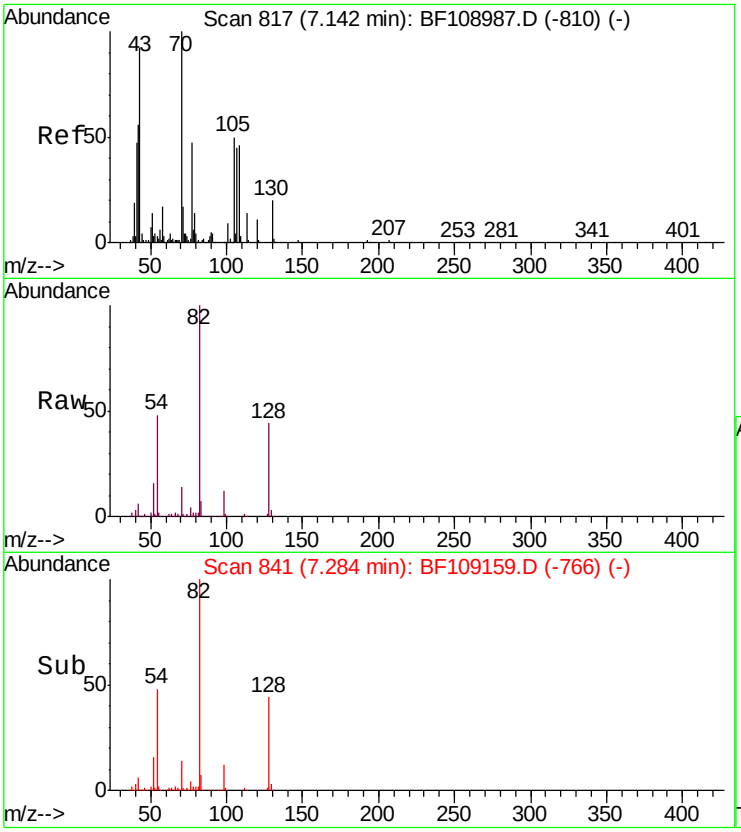


#9
Benzaldehyde
Concen: 2.052 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.22 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion: 77 Resp: 14380

Ion	Ratio	Lower	Upper
77	100		
105	77.2	81.1	121.1#
106	66.0	74.5	114.5#



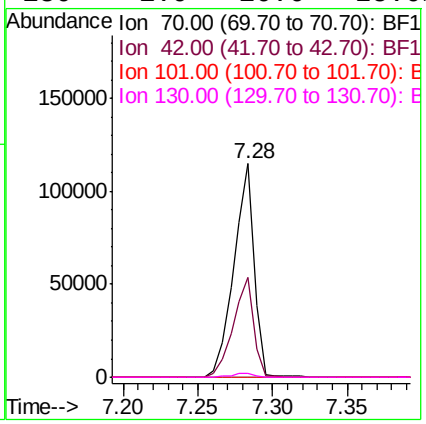


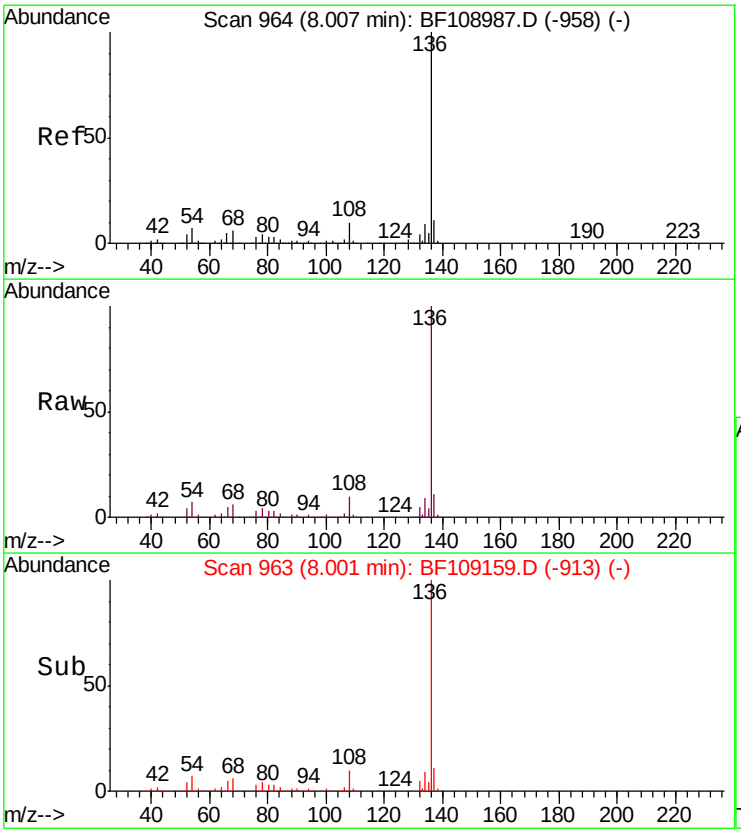
#19
n-Nitroso-di-n-propylamine
Concen: 15.181 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion: 70 Resp: 110091

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

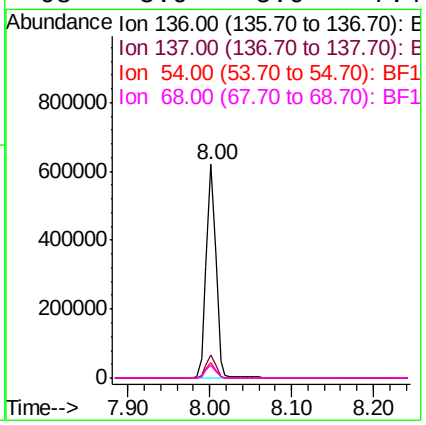


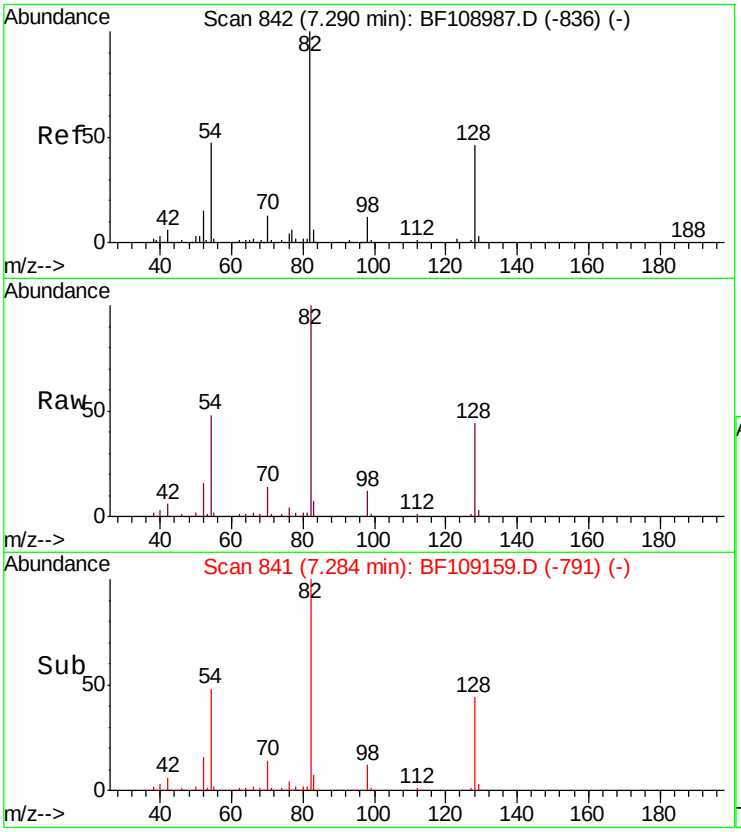


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:136 Resp: 514901

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4



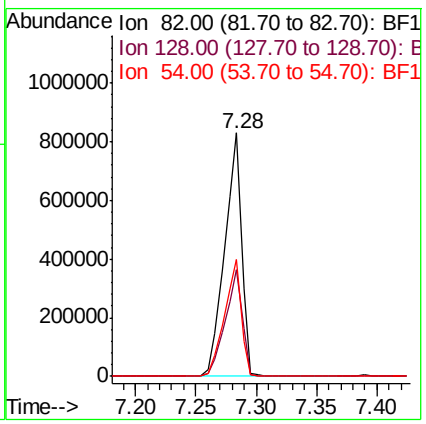


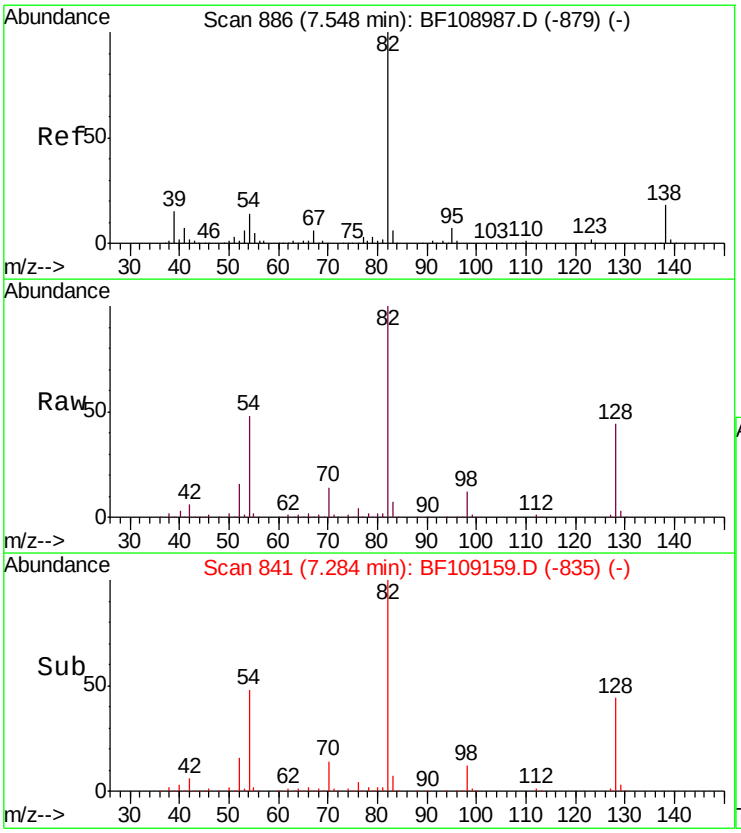
#23
Nitrobenzene-d5
Concen: 88.633 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion: 82 Resp: 813673

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	48.0	41.4	62.2

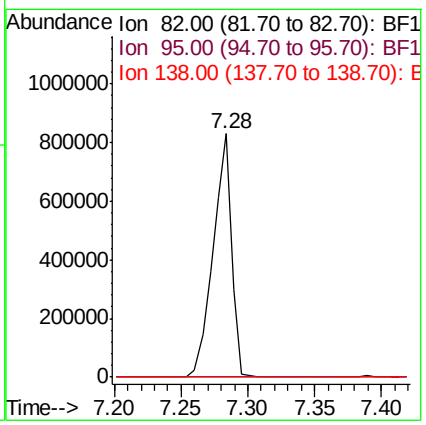


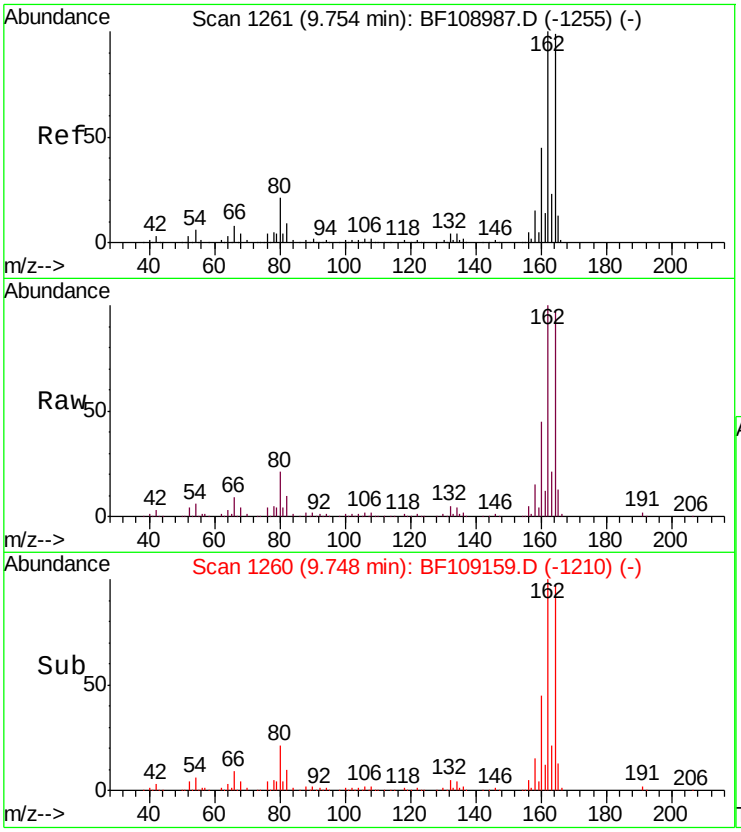


#25
Isophorone
Concen: 51.232 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion: 82 Resp: 808462

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



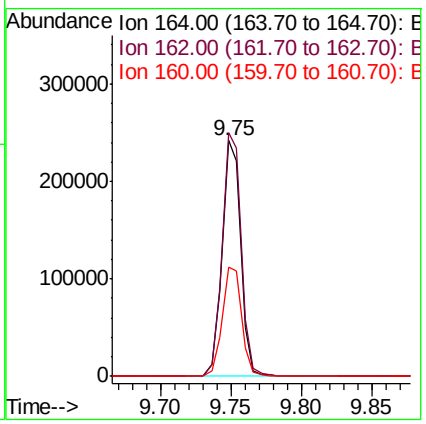


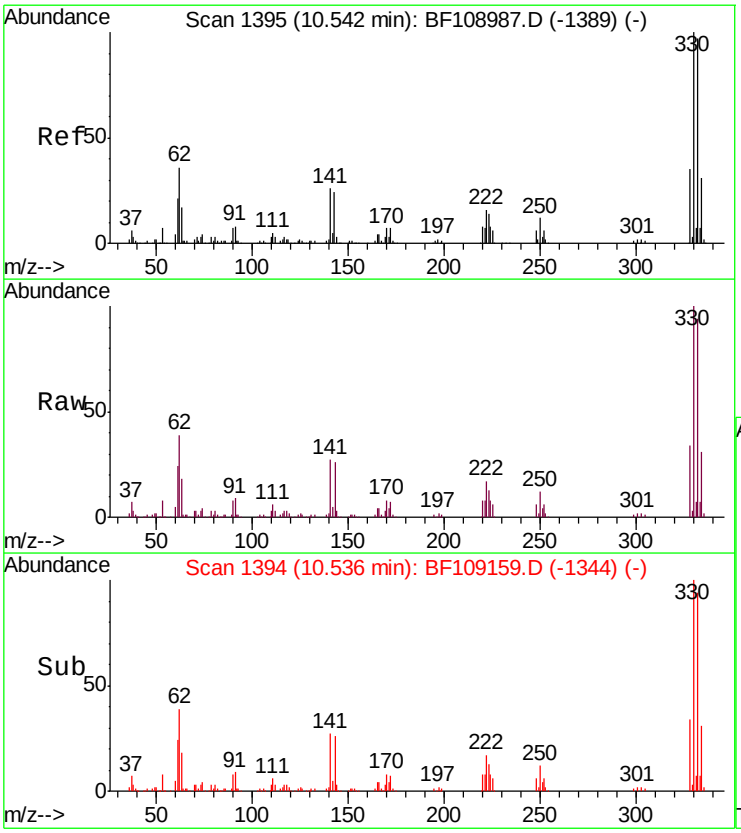
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:164 Resp: 221115

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.6	38.3	57.5

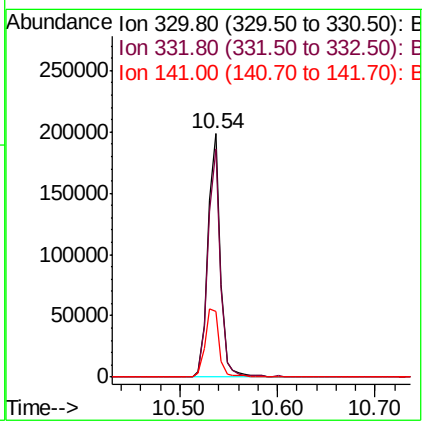


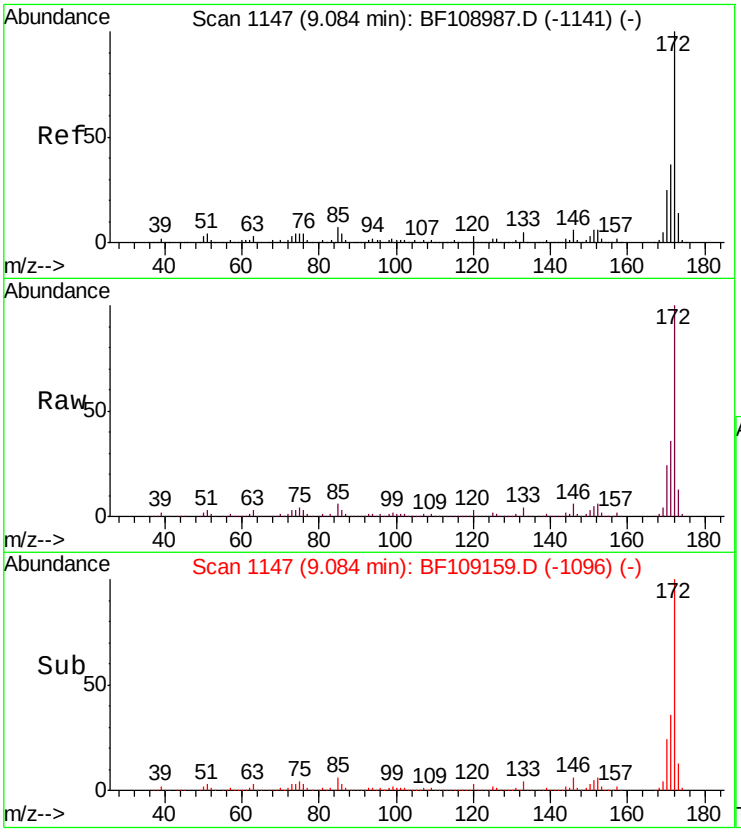


#41
2,4,6-Tribromophenol
Concen: 73.343 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:330 Resp: 176000

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	31.4	29.9	44.9



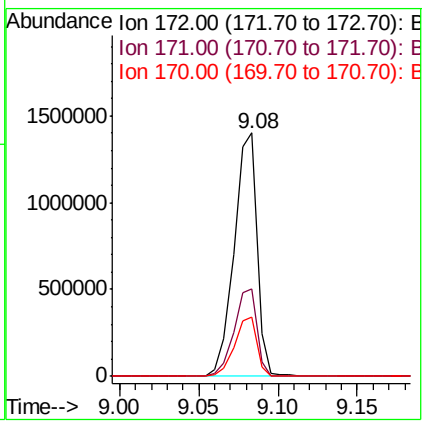


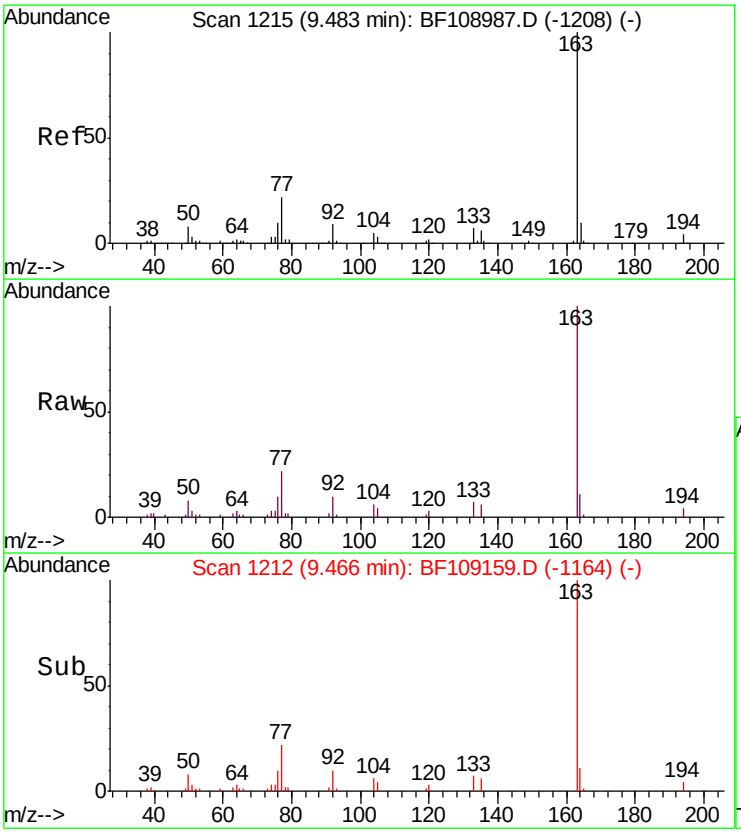
#44
2-Fluorobiphenyl
Concen: 99.465 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:172 Resp: 1403761

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

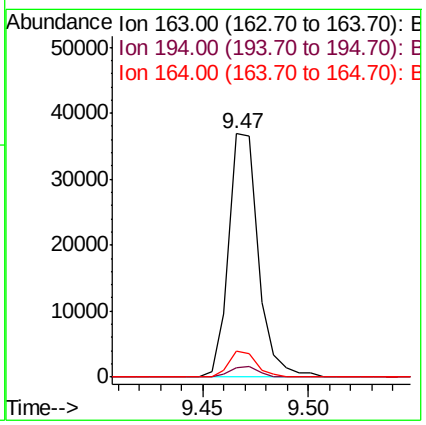


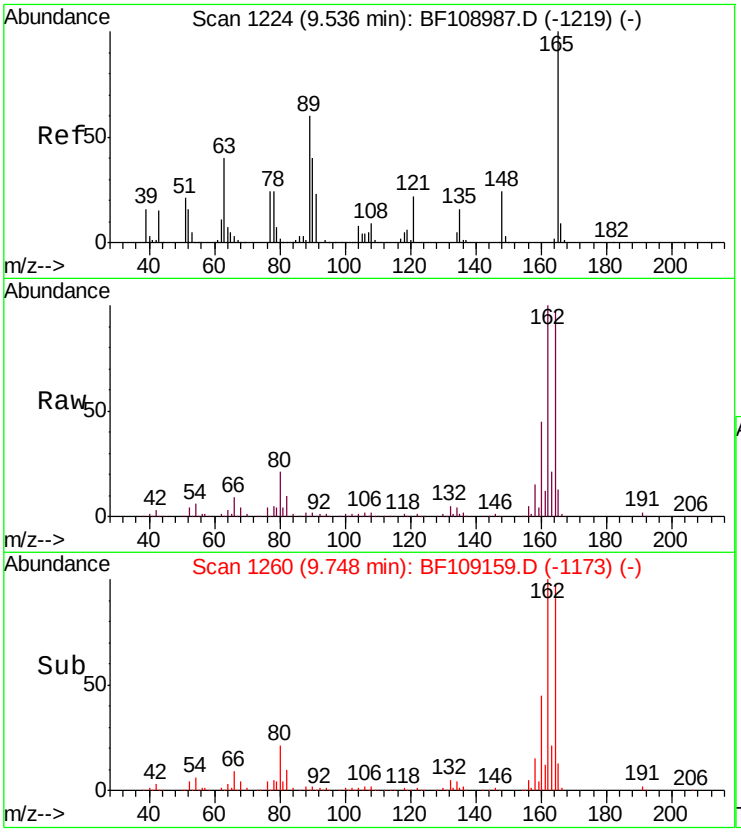


#49
Dimethylphthalate
Concen: 2.252 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:163 Resp: 35586

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.8	8.2	12.2



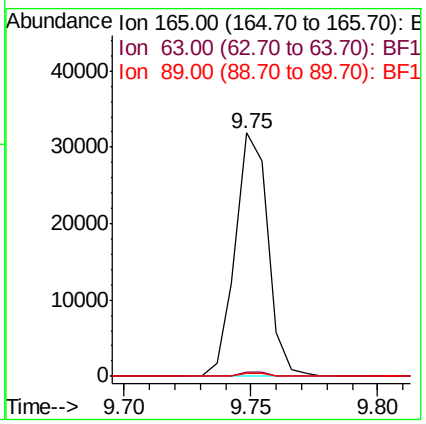


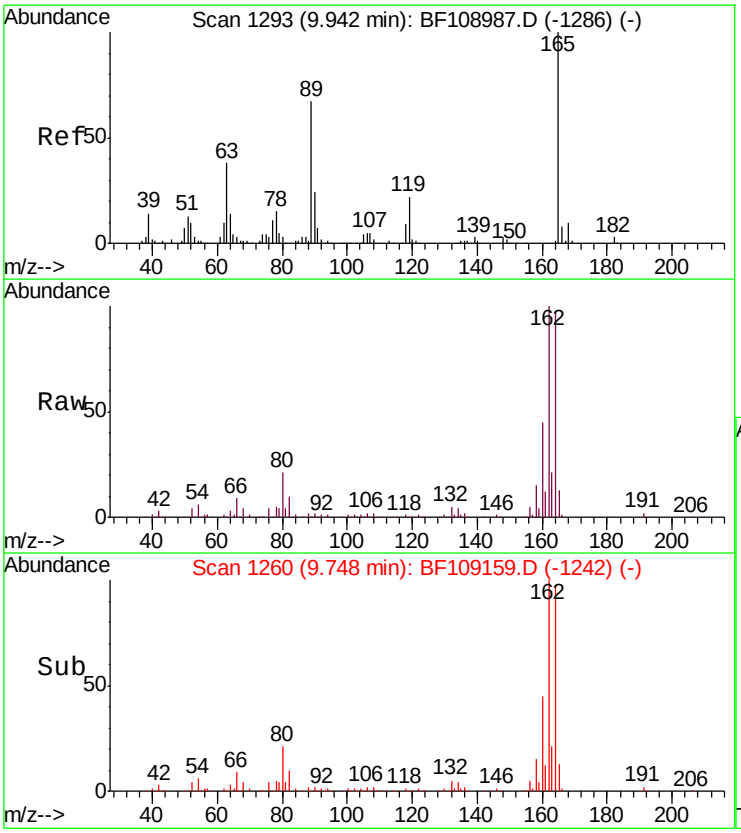
#50
2,6-Dinitrotoluene
Concen: 8.173 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:165 Resp: 28643

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#

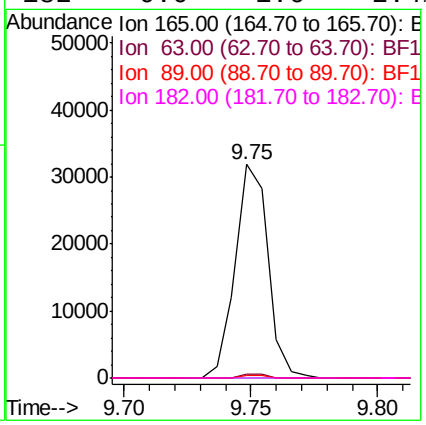


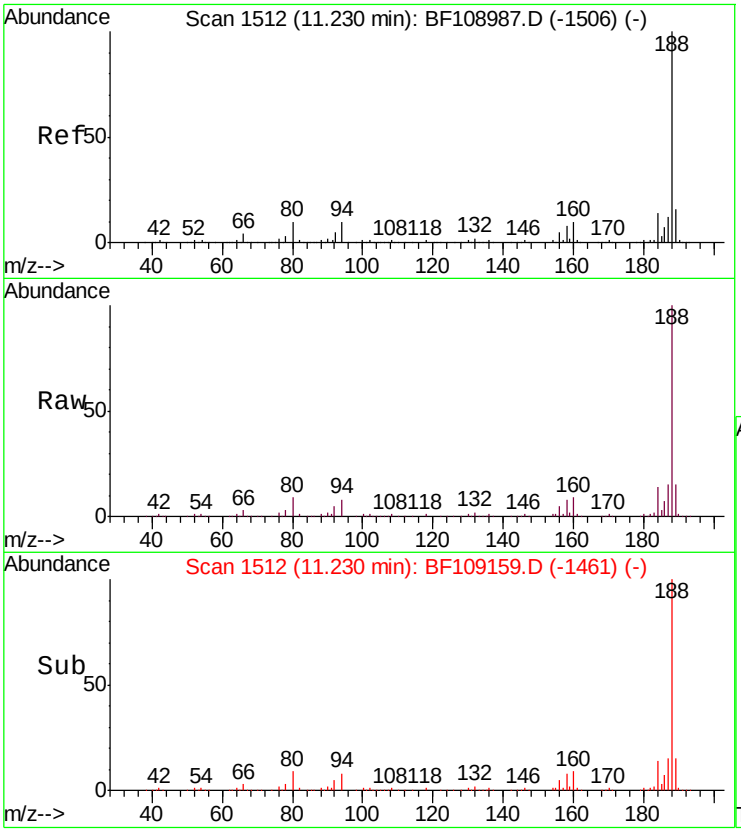


#56
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:165 Resp: 28643

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



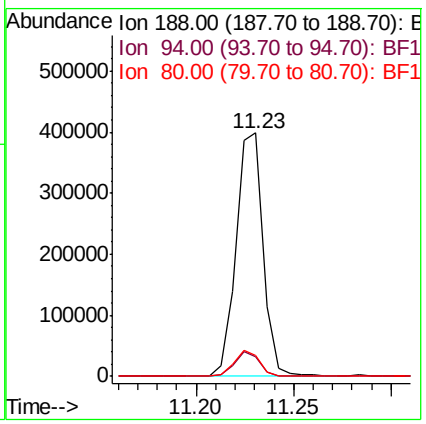


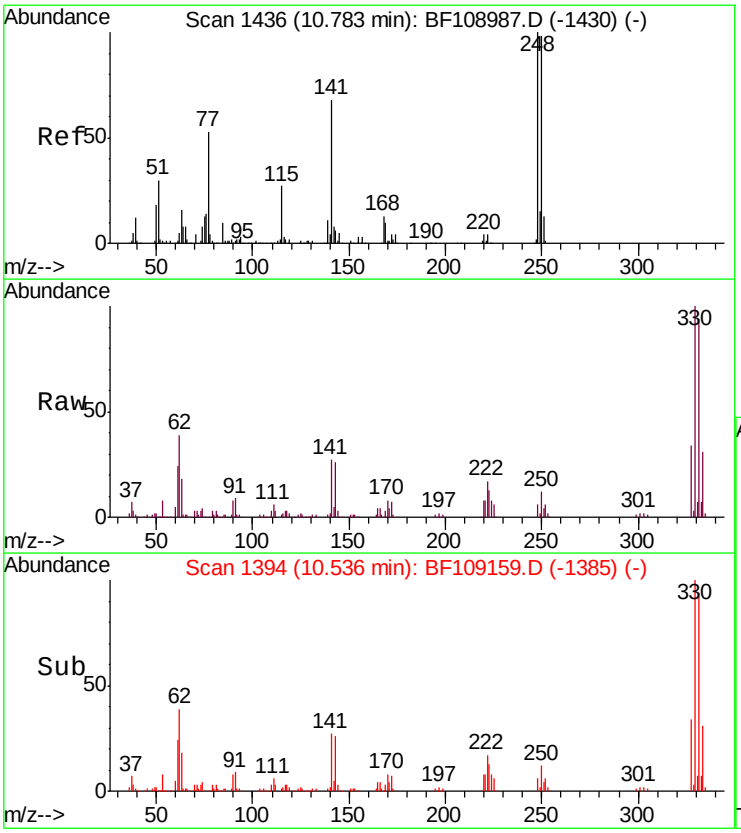
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:188 Resp: 382059

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#

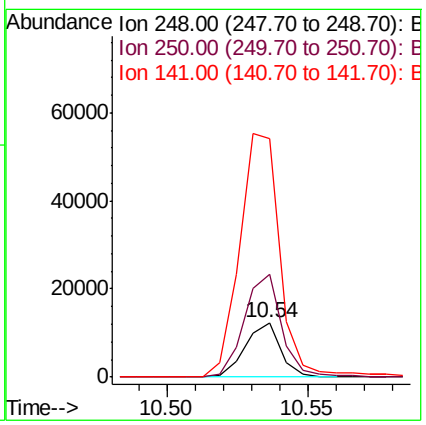


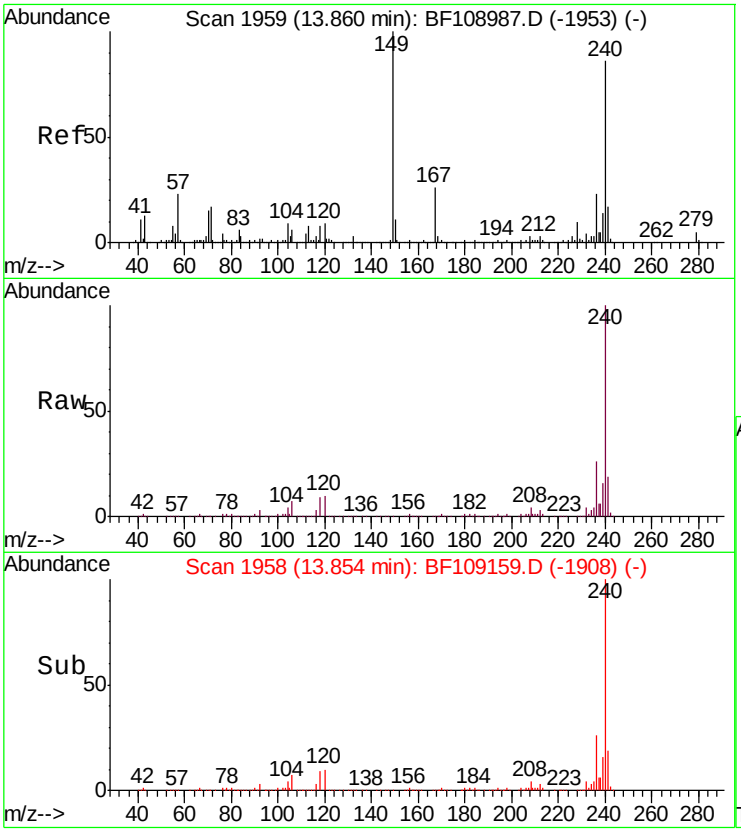


#66
4-Bromophenyl-phenylether
Concen: 2.475 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:248 Resp: 10659

Ion	Ratio	Lower	Upper
248	100		
250	189.1	76.9	115.3#
141	439.8	74.4	111.6#



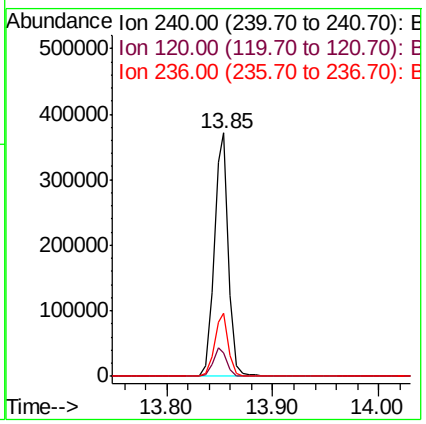


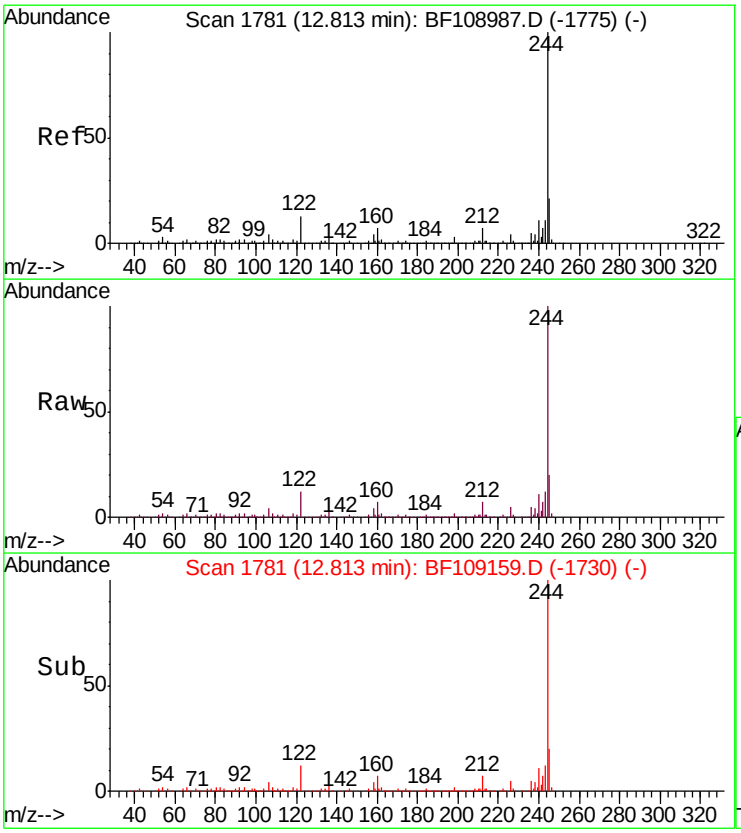
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:240 Resp: 352633

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.0	20.7	31.1

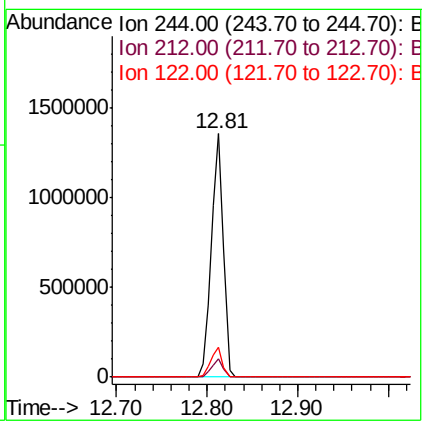


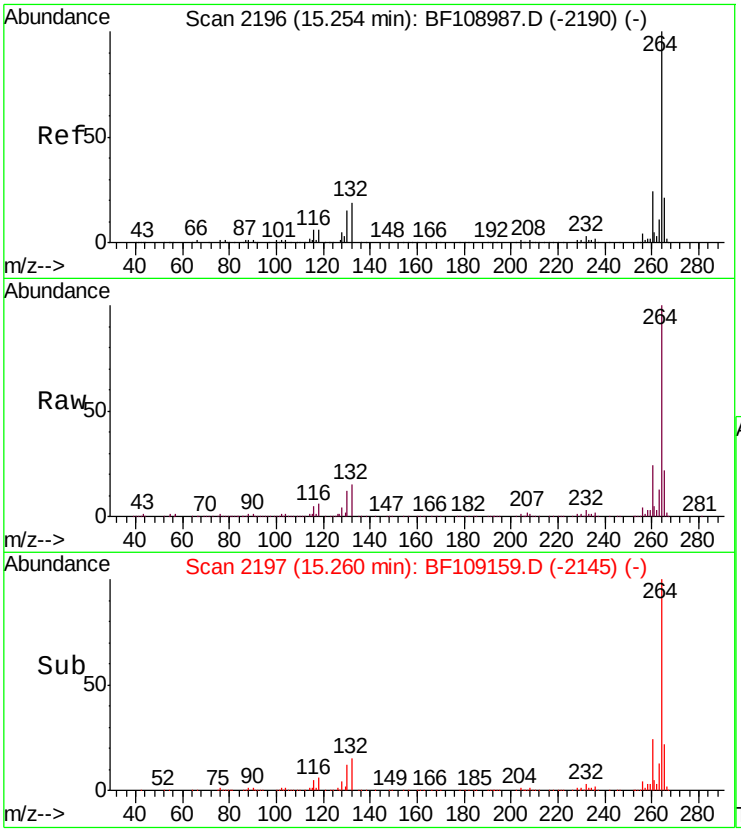


#78
Terphenyl-d14
Concen: 84.490 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Tgt Ion:244 Resp: 1256995

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109159.D
Acq: 19 Sep 2018 22:17

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-B

Tgt Ion:264 Resp: 326673

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3