

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003497.D
 Acq On : 10 Nov 2018 05:54
 Operator : MJ/SJ
 Sample : J5881-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-M

Quant Time: Nov 12 03:25:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

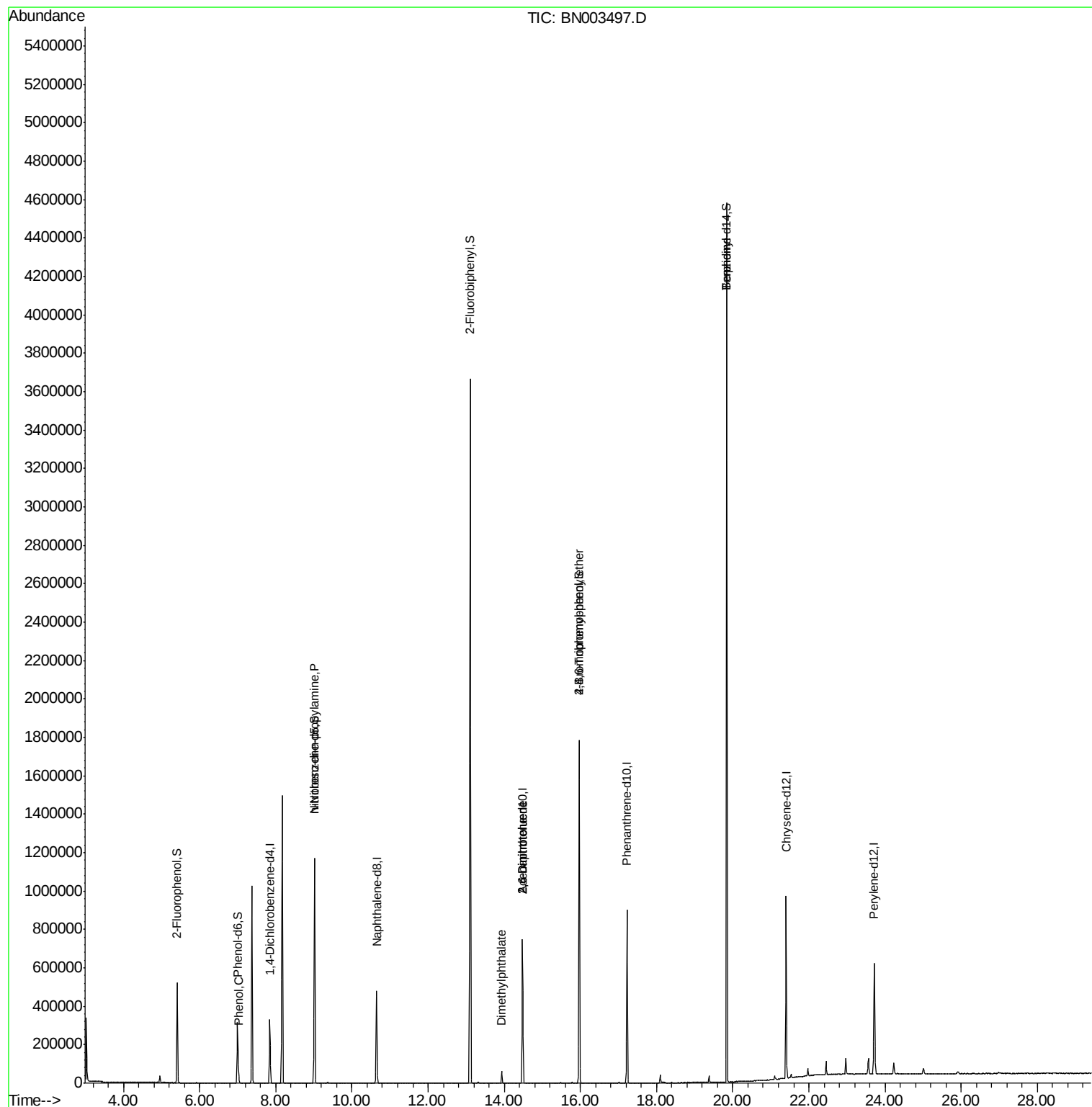
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	92436	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	415608	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	249598	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	538703	20.00	ng	0.00
76) Chrysene-d12	21.40	240	431887	20.00	ng	0.00
87) Perylene-d12	23.72	264	432546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	228570	43.07	ng	0.00
7) Phenol-d6	7.00	99	186052	24.65	ng	-0.01
23) Nitrobenzene-d5	9.02	82	672214	92.76	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	356640	106.11	ng	-0.01
45) 2-Fluorobiphenyl	13.10	172	1910770	103.84	ng	0.00
79) Terphenyl-d14	19.85	244	2129182	105.43	ng	0.00
Target Compounds						
10) Phenol	7.03	94	27729	3.482	ng	94
19) n-Nitroso-di-n-propylamine	9.02	70	85465	15.705	ng	# 75
50) Dimethylphthalate	13.93	163	42601	2.111	ng	99
51) 2,6-Dinitrotoluene	14.48	165	31977	6.981	ng	# 28
57) 2,4-Dinitrotoluene	14.48	165	31977	5.149	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	23259	3.834	ng	# 1
77) Benzidine	19.85	184	25586	2.024	ng	# 93

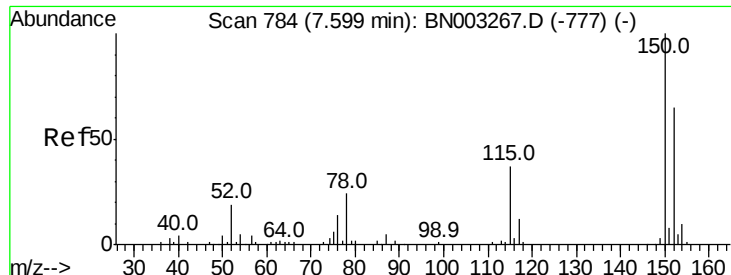
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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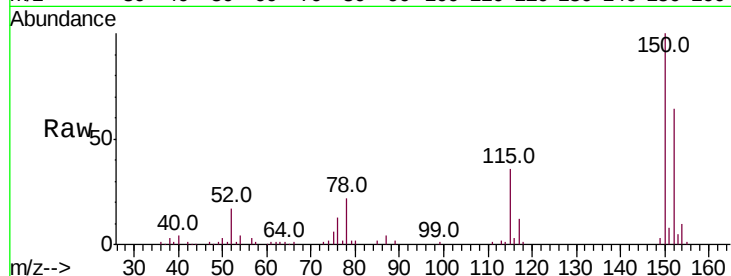


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003497.D
Acq: 10 Nov 2018 05:54

Instrument :
BNA_N
ClientSampleId :
110718-JETT-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.8
115	56.4	45.9	68.9

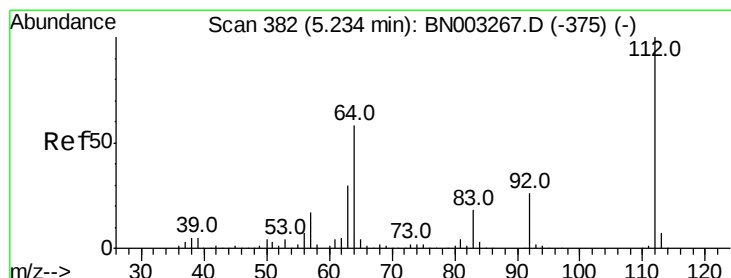
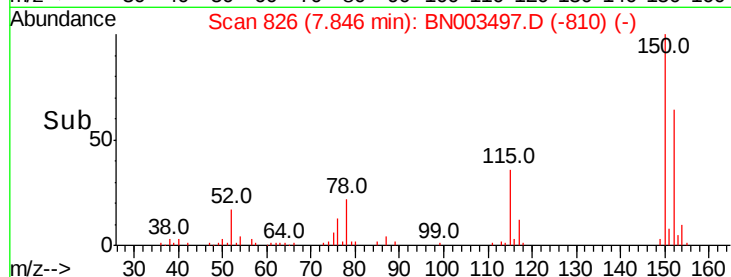
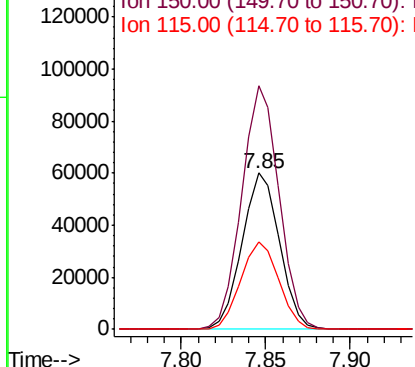


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

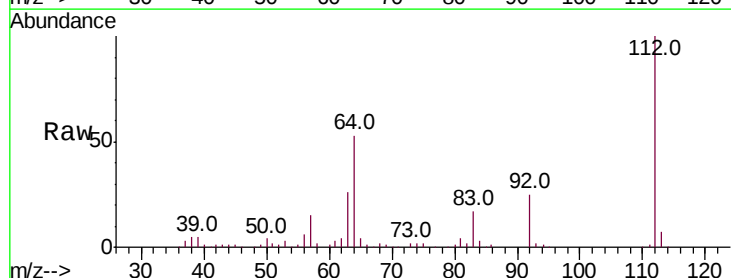
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.069 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.00 min
Lab File: BN003497.D
Acq: 10 Nov 2018 05:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.6	69.8
63	26.4	23.8	35.8

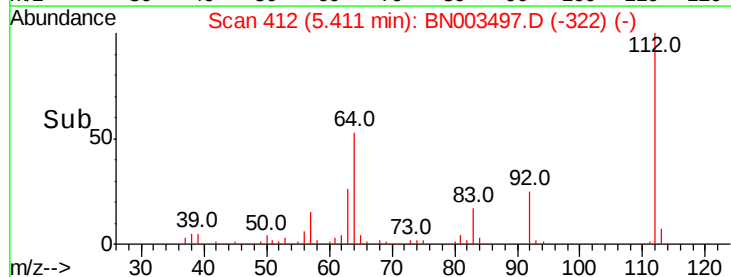
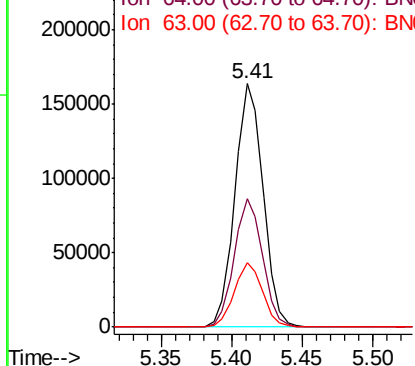


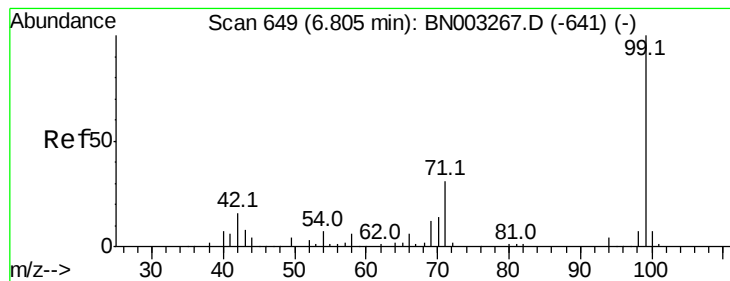
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 24.654 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-M

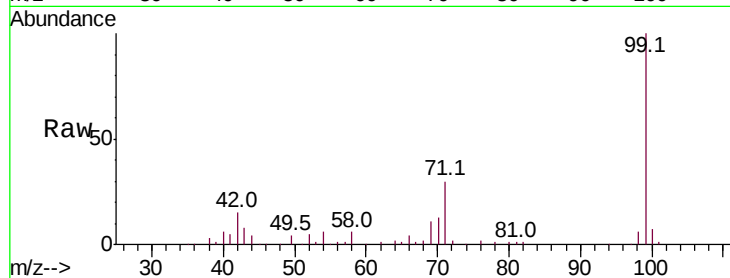
Tot Ion: 99 Resp: 186052

Ion Ratio Lower Upper

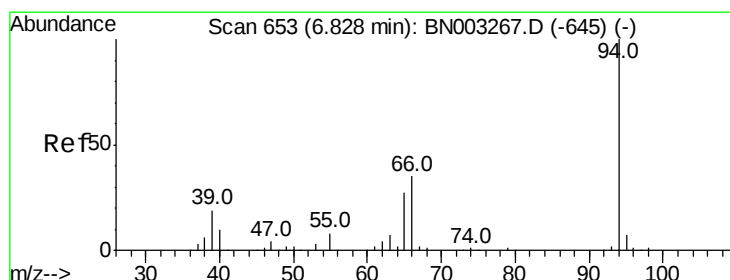
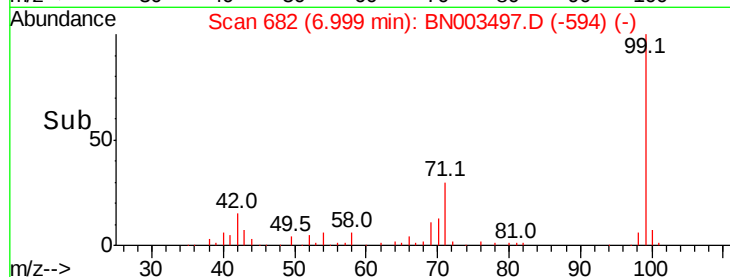
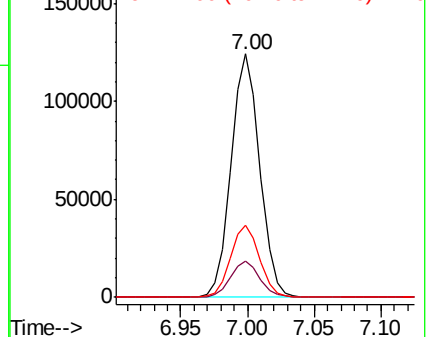
99 100

42 14.9 13.0 19.6

71 29.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#10

Phenol

Concen: 3.482 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

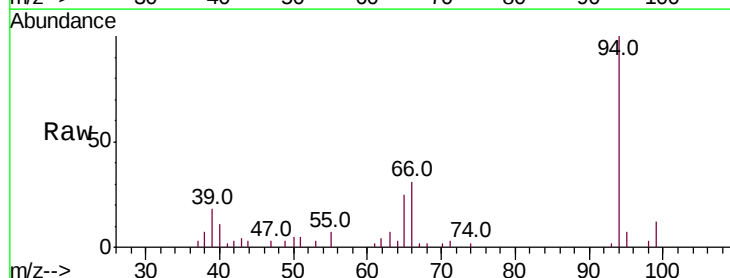
Tgt Ion: 94 Resp: 27729

Ion Ratio Lower Upper

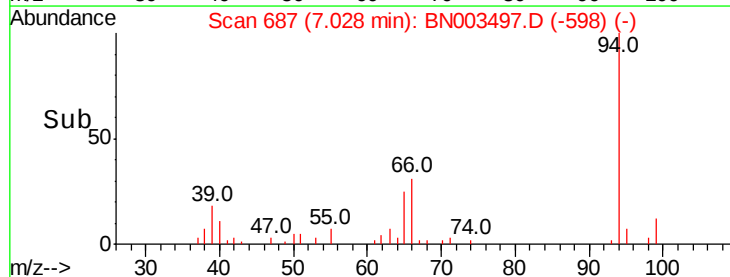
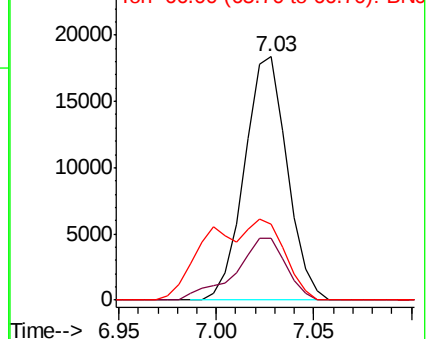
94 100

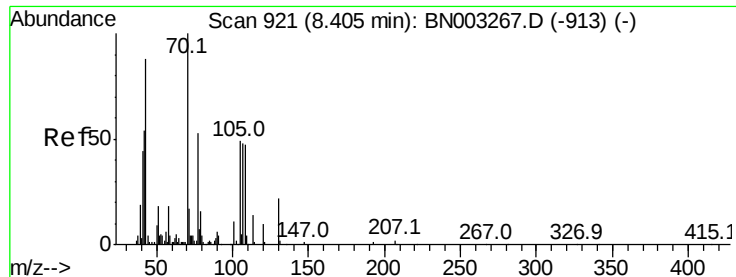
65 25.4 7.7 47.7

66 31.0 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0





#19

n-Nitroso-di-n-propylamine

Concen: 15.705 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-M

Tot Ion: 70 Resp: 85465

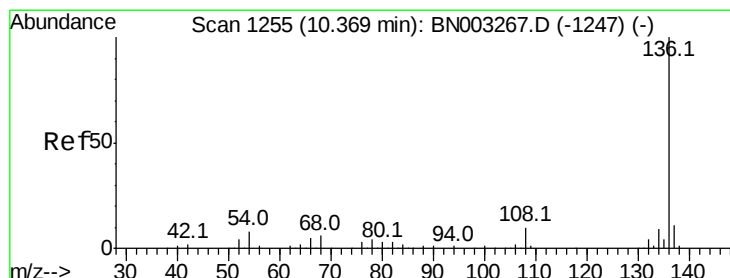
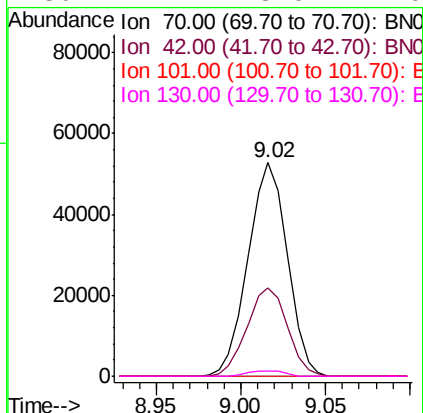
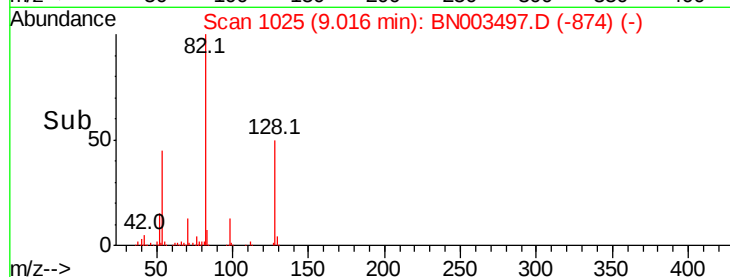
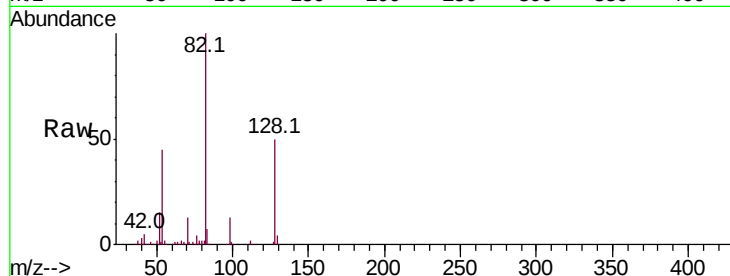
Ion Ratio Lower Upper

70 100

42 41.3 43.5 65.3#

101 0.0 8.6 12.8#

130 2.4 18.0 27.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

Tgt Ion: 136 Resp: 415608

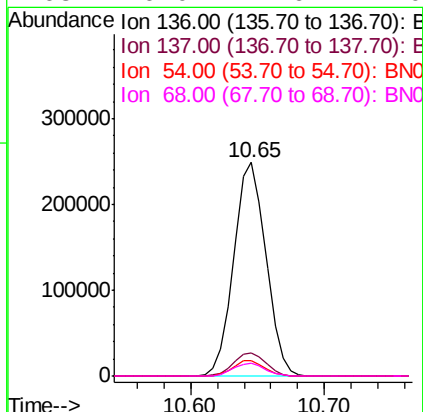
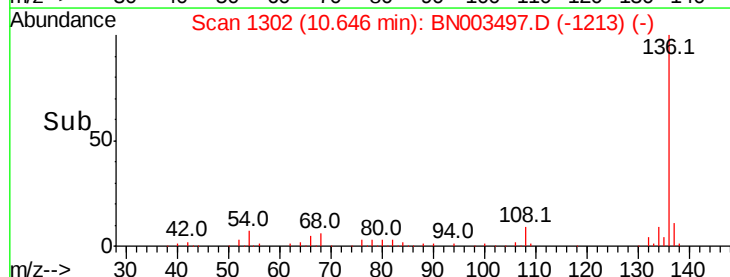
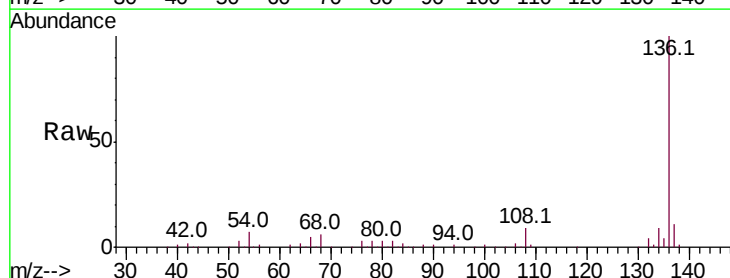
Ion Ratio Lower Upper

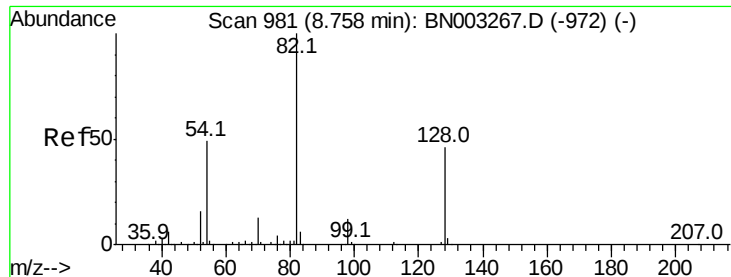
136 100

137 10.9 8.7 13.1

54 7.0 6.6 10.0

68 6.0 4.6 7.0

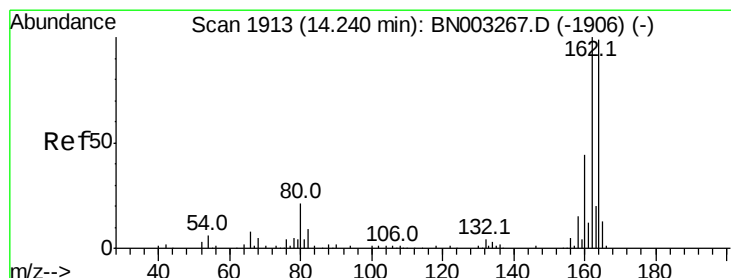
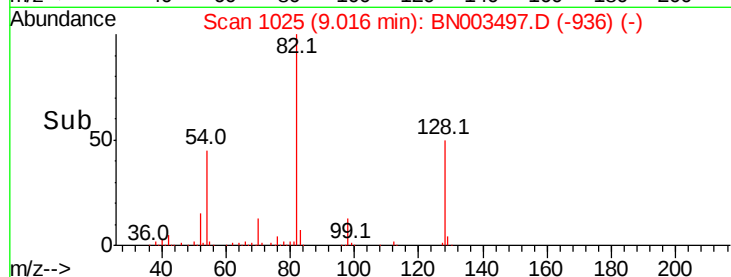
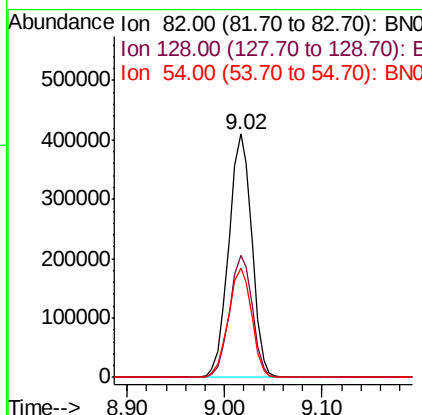
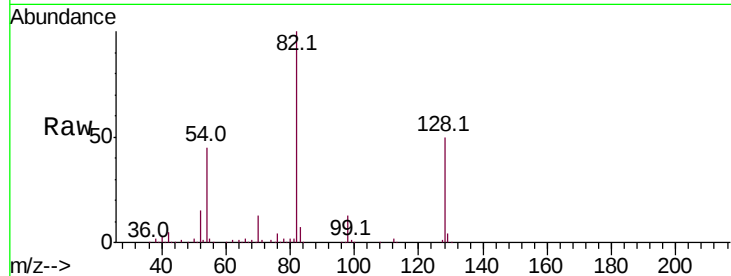




#23
Nitrobenzene-d5
Concen: 92.758 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003497.D
Acq: 10 Nov 2018 05:54

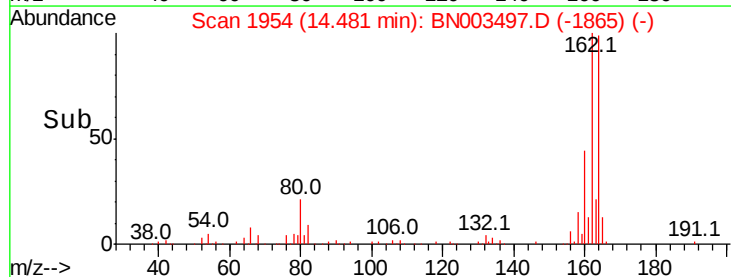
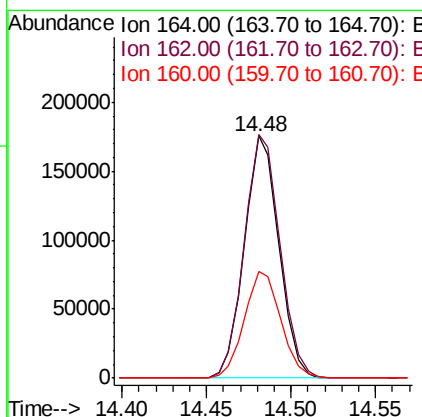
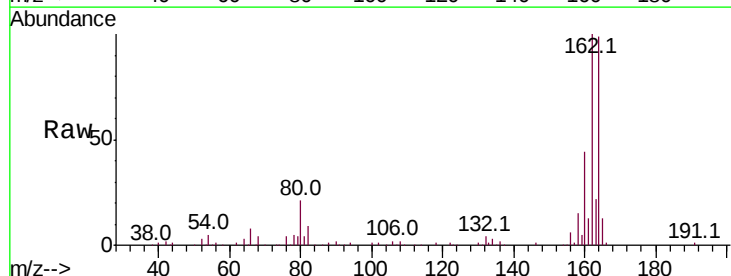
Instrument :
BNA_N
ClientSampleId :
110718-JETT-E-D-M

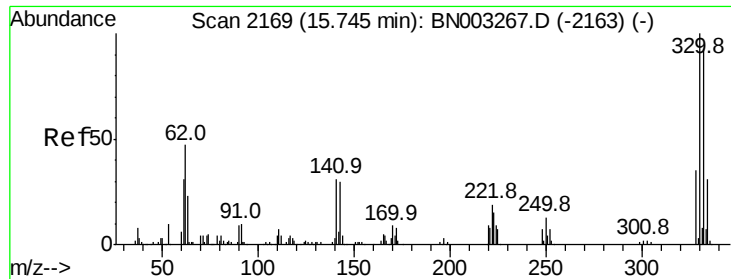
Tot Ion: 82 Resp: 672214
Ion Ratio Lower Upper
82 100
128 50.2 37.1 55.7
54 44.8 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003497.D
Acq: 10 Nov 2018 05:54

Tgt Ion:164 Resp: 249598
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 43.8 35.5 53.3

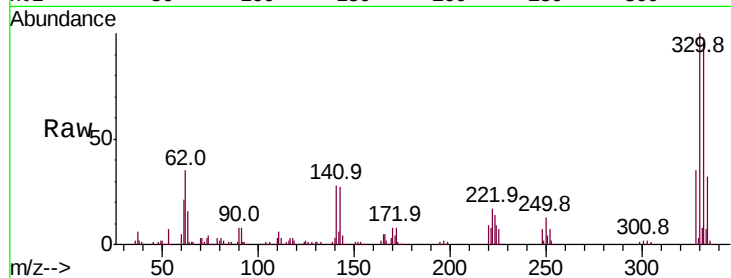




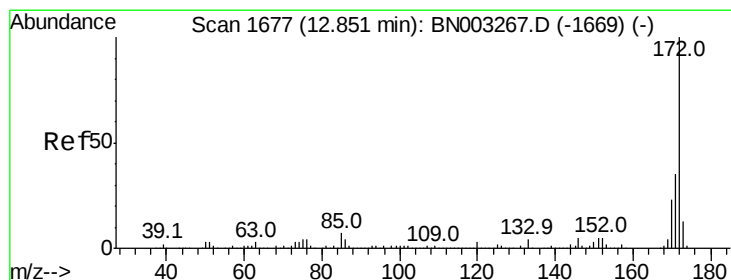
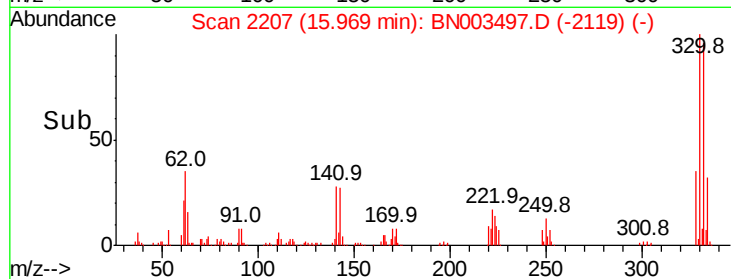
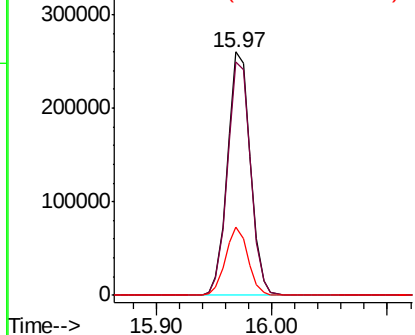
#42
 2,4,6-Tribromophenol
 Concen: 106.114 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003497.D
 Acq: 10 Nov 2018 05:54

Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	27.6	24.5	36.7

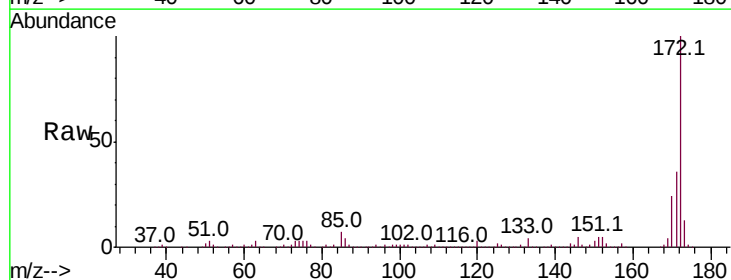


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

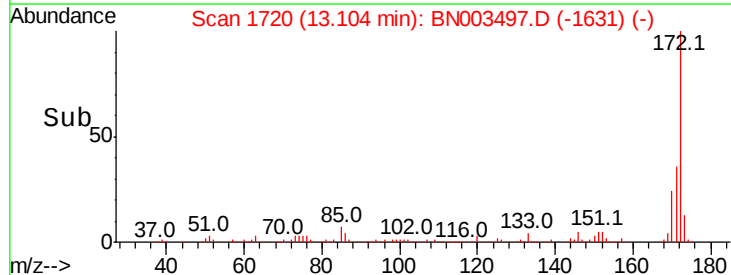
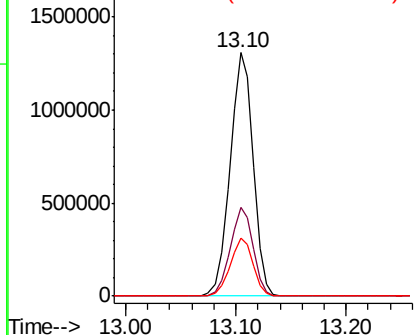


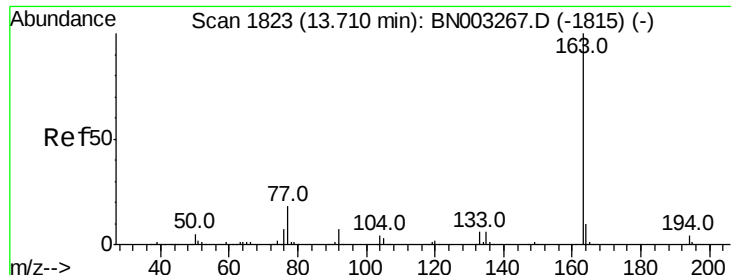
#45
 2-Fluorobiphenyl
 Concen: 103.840 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003497.D
 Acq: 10 Nov 2018 05:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	23.7	18.4	27.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.111 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-M

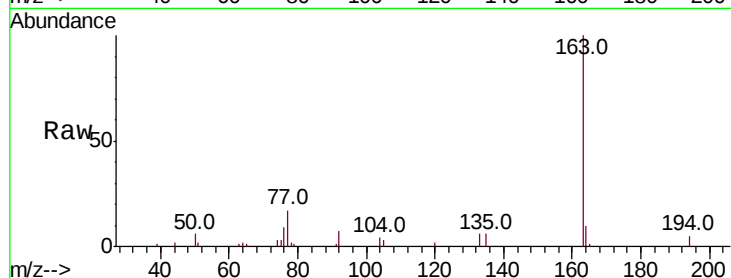
Tot Ion:163 Resp: 42601

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

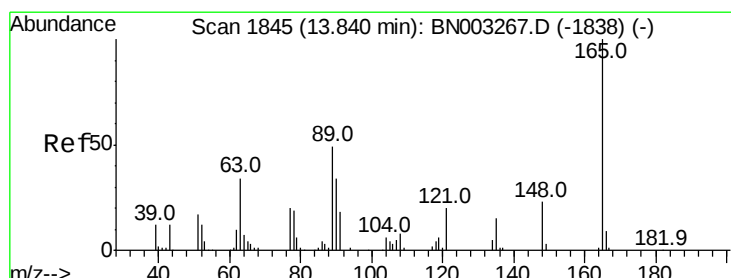
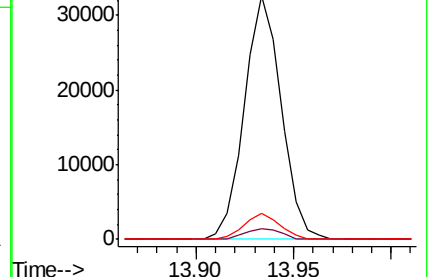
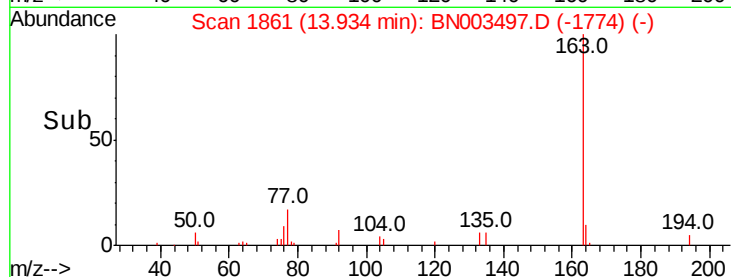
164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 6.981 ng

RT: 14.48 min Scan# 1954

Delta R.T. 0.41 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

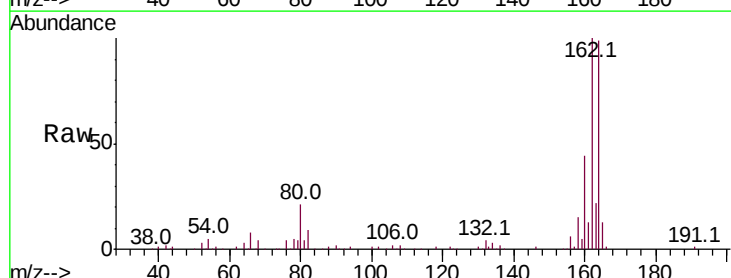
Tgt Ion:165 Resp: 31977

Ion Ratio Lower Upper

165 100

63 0.0 39.2 58.8#

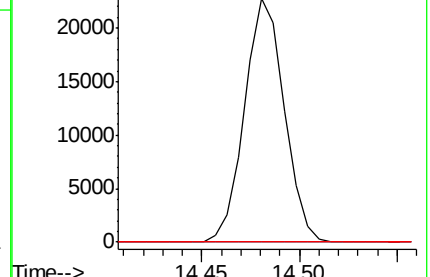
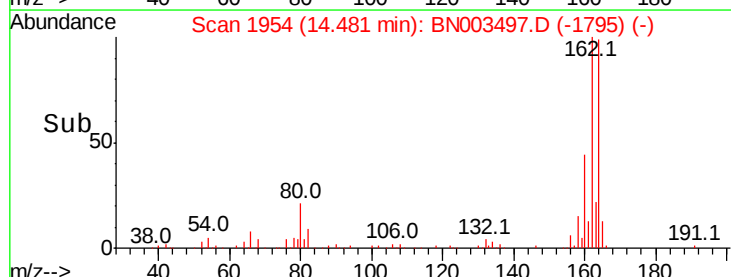
89 0.0 38.9 58.3#

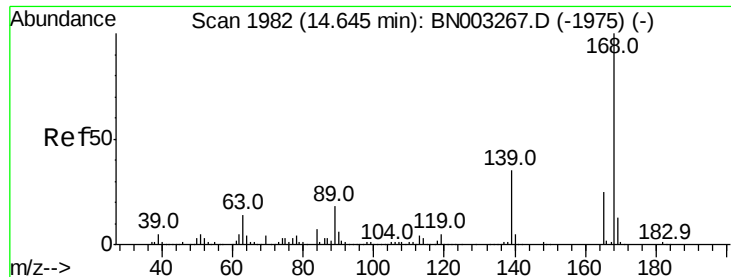


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

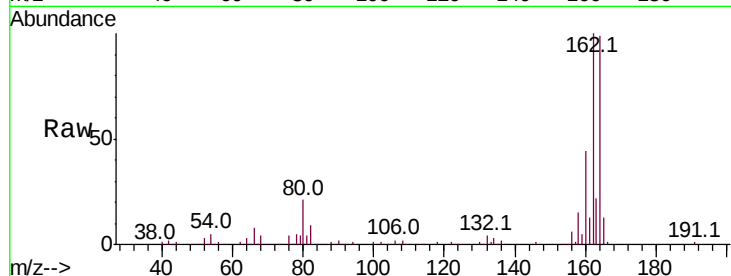




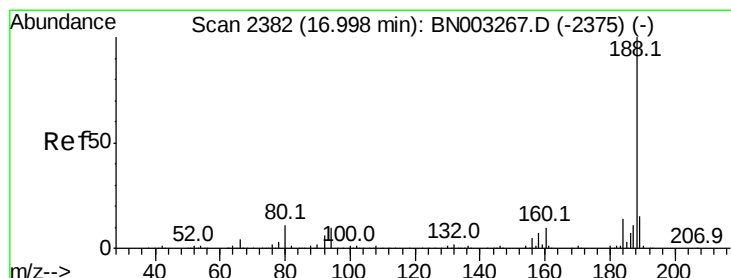
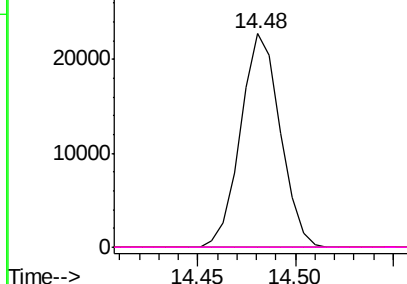
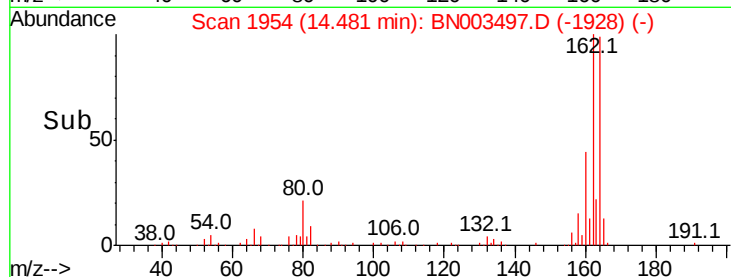
#57
 2,4-Dinitrotoluene
 Concen: 5.149 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003497.D
 Acq: 10 Nov 2018 05:54

Instrument :
 BNA_N
 ClientSampleId :
 110718-JETT-E-D-M

Tot Ion:165 Resp: 31977
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.8 68.6#
 89 0.0 58.7 88.1#
 182 0.0 2.3 3.5#

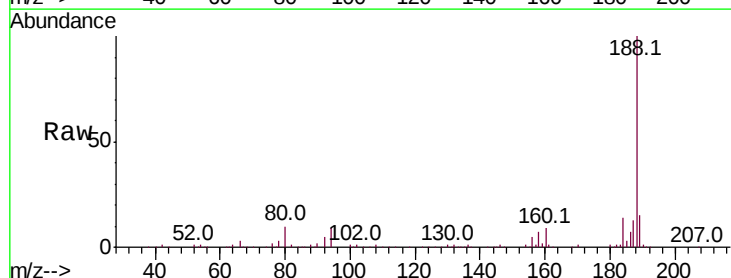


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

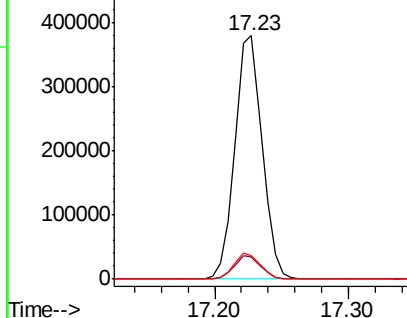
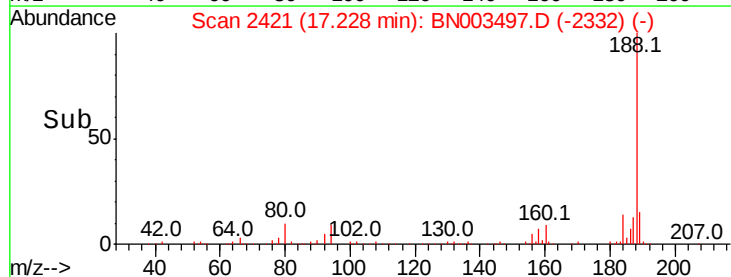


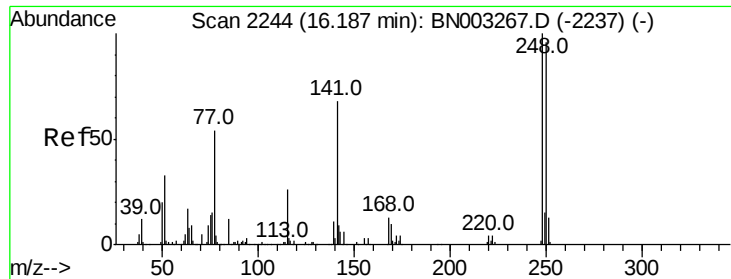
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003497.D
 Acq: 10 Nov 2018 05:54

Tgt Ion:188 Resp: 538703
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.1 12.1
 80 9.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC





#67

4-Bromophenyl-phenylether

Concen: 3.834 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-M

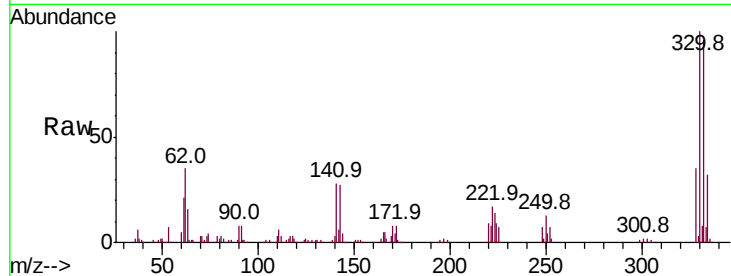
Tot Ion:248 Resp: 23259

Ion Ratio Lower Upper

248 100

250 200.8 76.4 114.6#

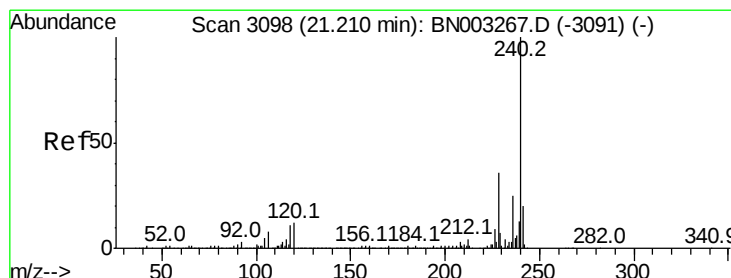
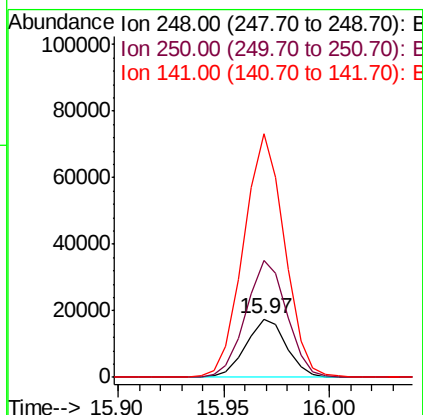
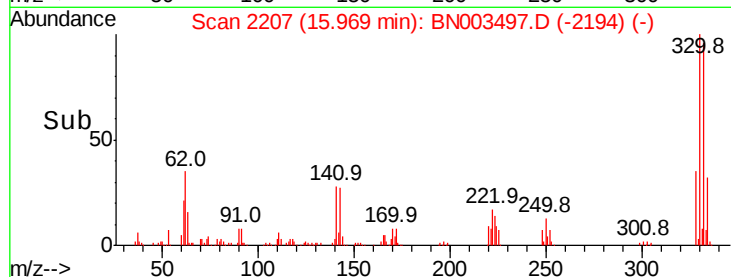
141 419.4 54.2 81.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

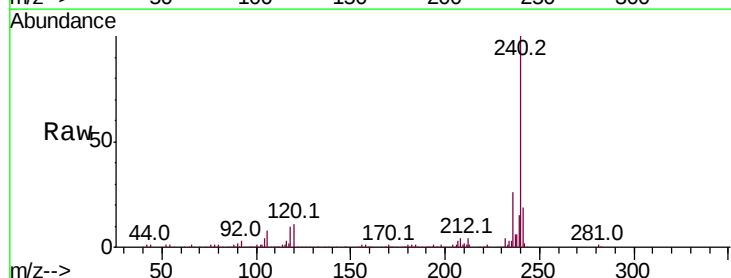
Tgt Ion:240 Resp: 431887

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.0

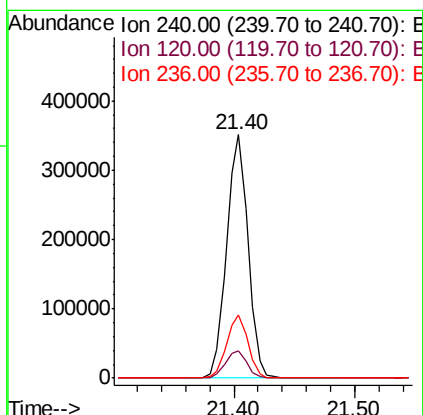
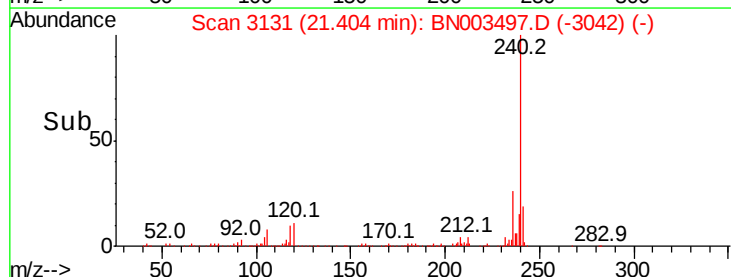
236 26.0 20.3 30.5

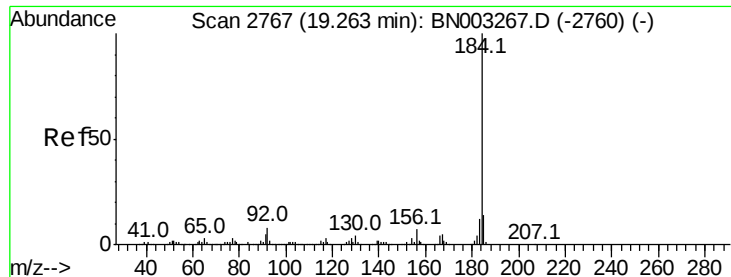


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.024 ng

RT: 19.85 min Scan# 2866

Delta R.T. 0.37 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-M

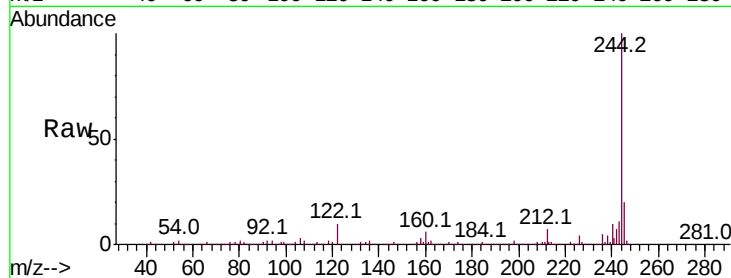
Tot Ion:184 Resp: 25586

Ion Ratio Lower Upper

184 100

185 16.6 11.5 17.3

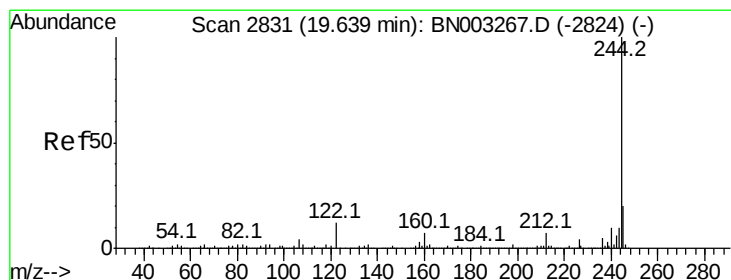
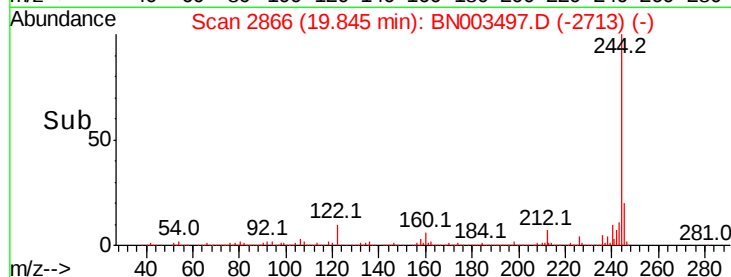
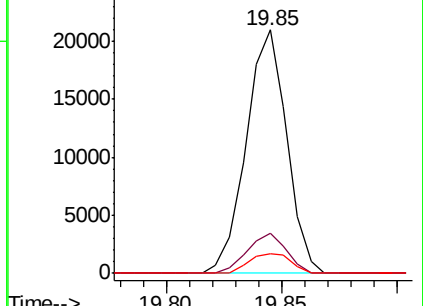
183 8.3 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 105.429 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003497.D

Acq: 10 Nov 2018 05:54

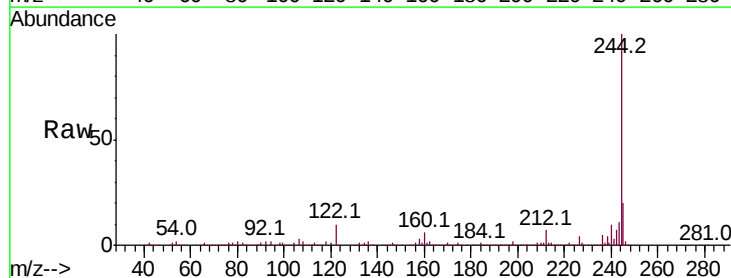
Tgt Ion:244 Resp: 2129182

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

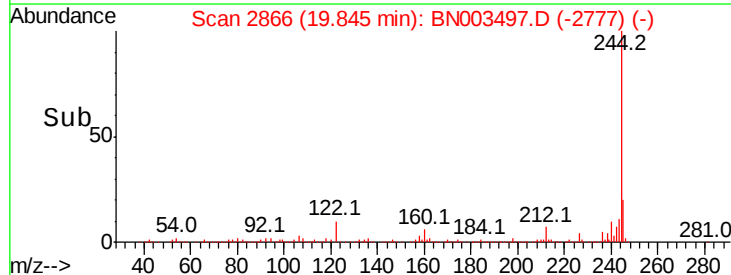
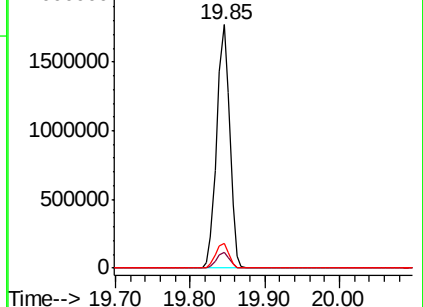
122 10.3 9.4 14.2

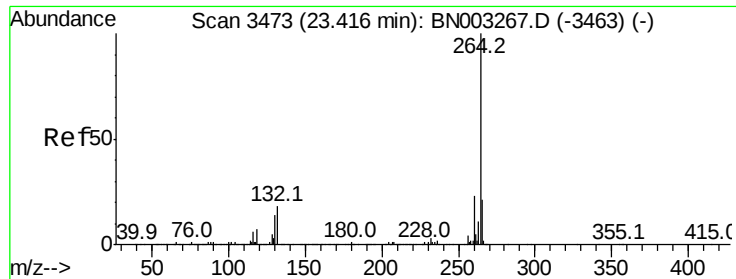


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003497.D
Acq: 10 Nov 2018 05:54

Instrument :
BNA_N
ClientSampleId :
110718-JETT-E-D-M

Tot Ion:	264	Resp:	432546
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.0	16.6	25.0

