

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003498.D
 Acq On : 10 Nov 2018 06:29
 Operator : MJ/SJ
 Sample : J5881-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 12 03:25:13 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

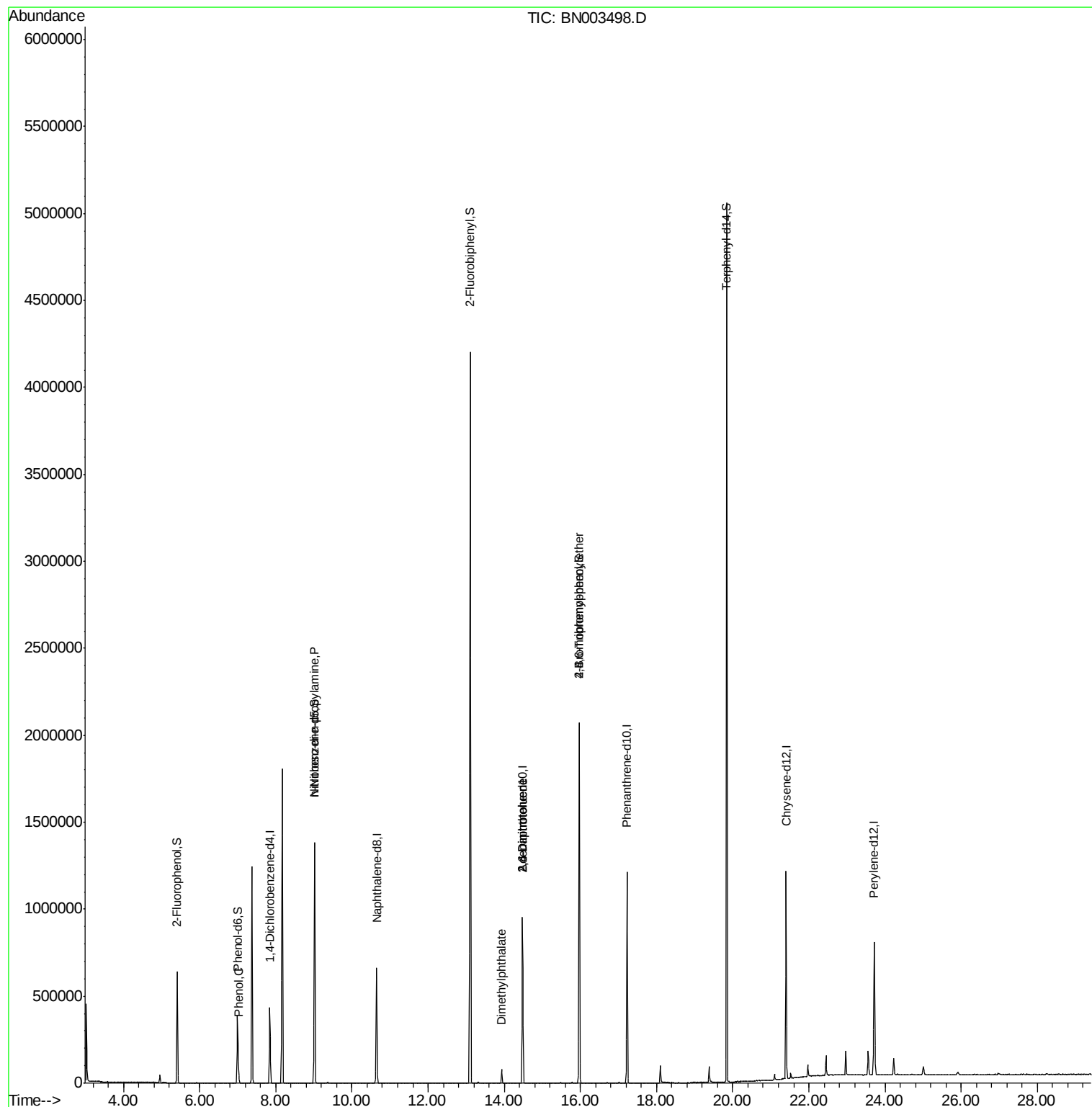
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	123179	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	550102	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	323985	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	689393	20.00	ng	0.00
76) Chrysene-d12	21.40	240	559477	20.00	ng	0.00
87) Perylene-d12	23.72	264	566928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	281867	39.86	ng	0.00
7) Phenol-d6	7.00	99	227067	22.58	ng	-0.01
23) Nitrobenzene-d5	9.02	82	806036	84.03	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	443025	101.55	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	2227244	93.25	ng	0.00
79) Terphenyl-d14	19.84	244	2453988	93.80	ng	0.00
Target Compounds						
10) Phenol	7.02	94	34122	3.215	ng	98
19) n-Nitroso-di-n-propylamine	9.02	70	102822	14.179	ng	# 76
50) Dimethylphthalate	13.93	163	52447	2.002	ng	99
51) 2,6-Dinitrotoluene	14.48	165	41434	6.969	ng	# 30
57) 2,4-Dinitrotoluene	14.48	165	41434	5.140	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	28567	3.679	ng	# 1

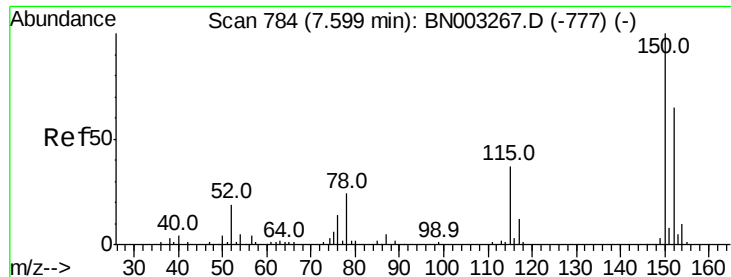
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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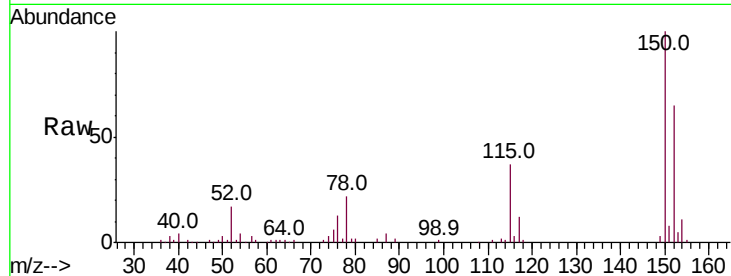


#1

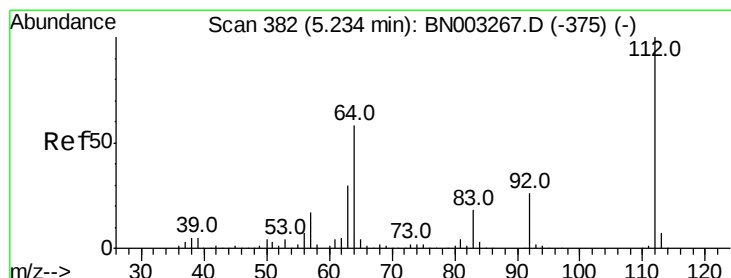
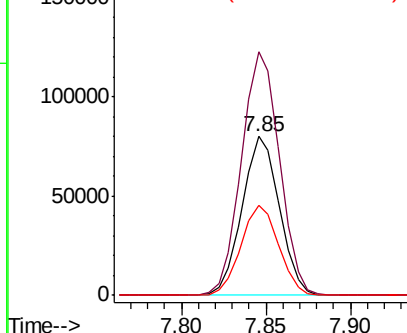
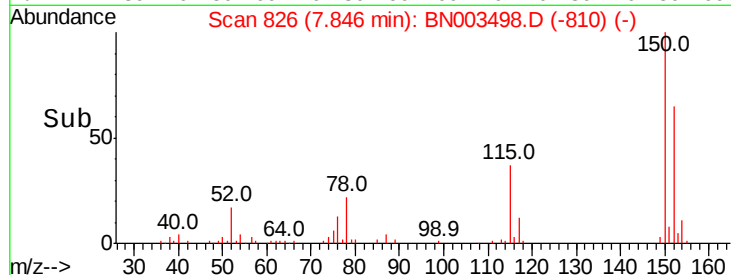
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BN003498.D
 Acq: 10 Nov 2018 06:29

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.8
115	57.1	45.9	68.9



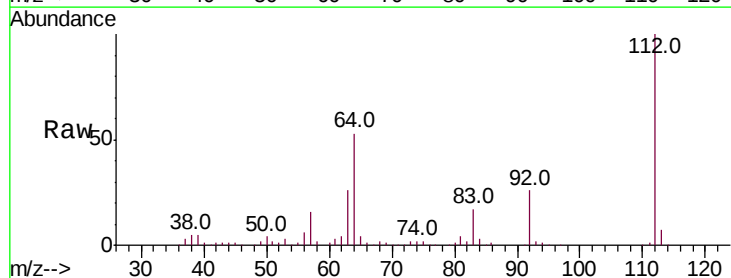
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



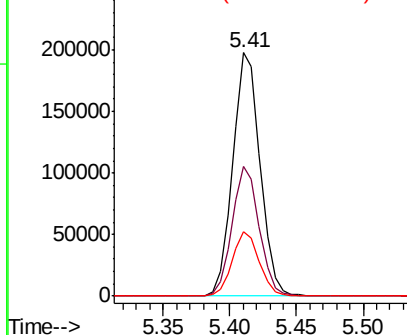
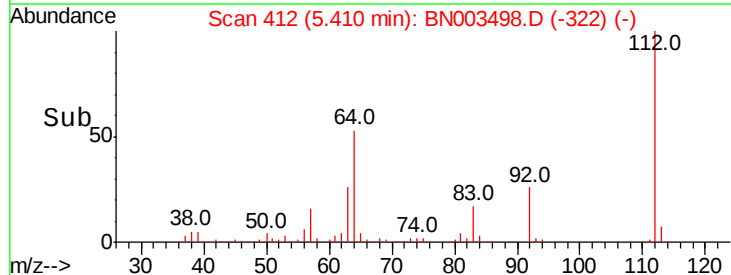
#5

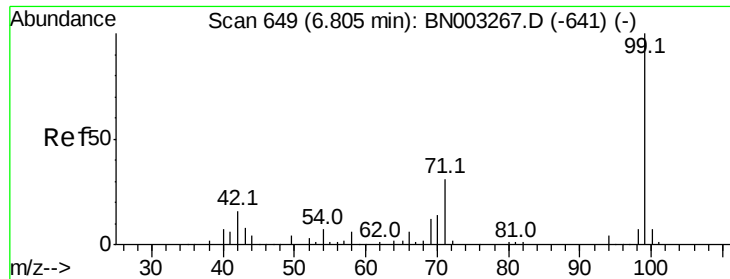
2-Fluorophenol
 Concen: 39.856 ng
 RT: 5.41 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BN003498.D
 Acq: 10 Nov 2018 06:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	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: 22.580 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-S

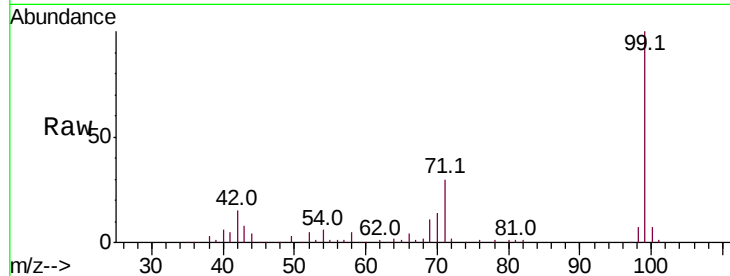
Tot Ion: 99 Resp: 227067

Ion Ratio Lower Upper

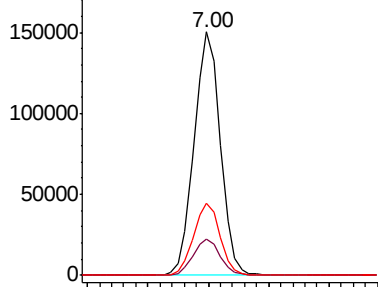
99 100

42 14.7 13.0 19.6

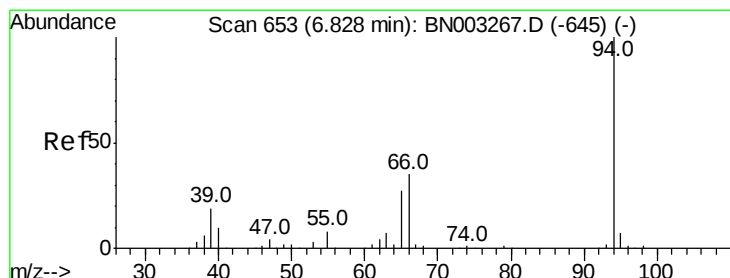
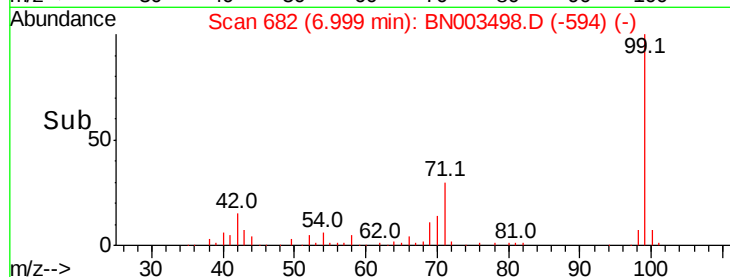
71 29.8 24.5 36.7



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



Time--> 6.90 6.95 7.00 7.05 7.10



#10

Phenol

Concen: 3.215 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.01 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

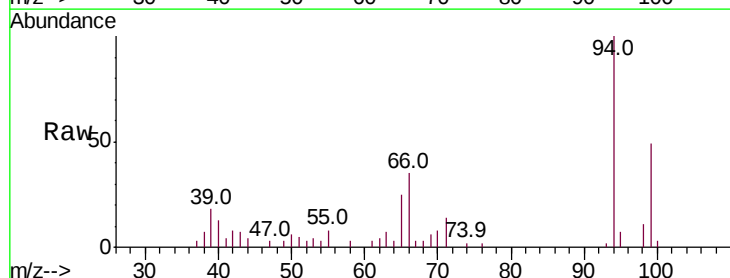
Tgt Ion: 94 Resp: 34122

Ion Ratio Lower Upper

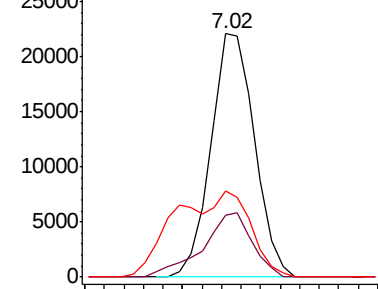
94 100

65 25.3 7.7 47.7

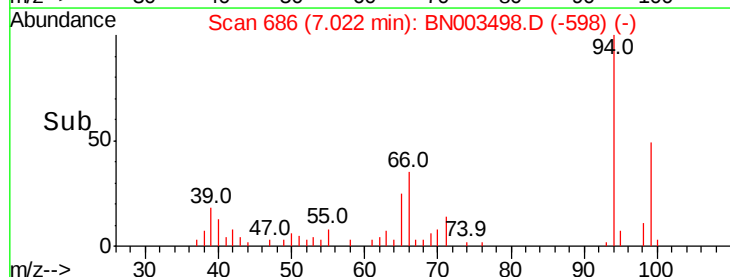
66 35.3 15.8 55.8

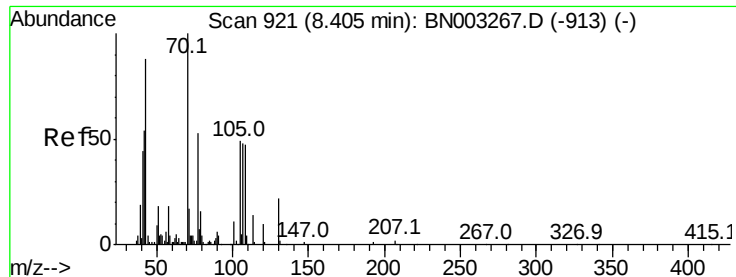


Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



Time--> 6.95 7.00 7.05

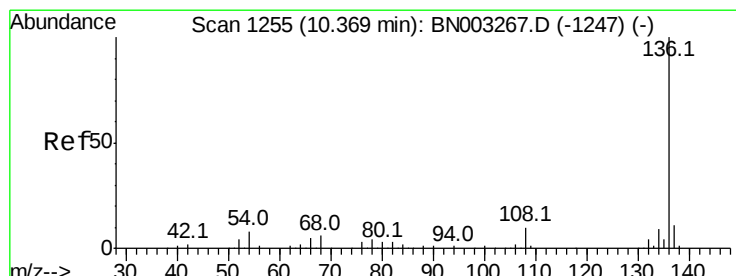
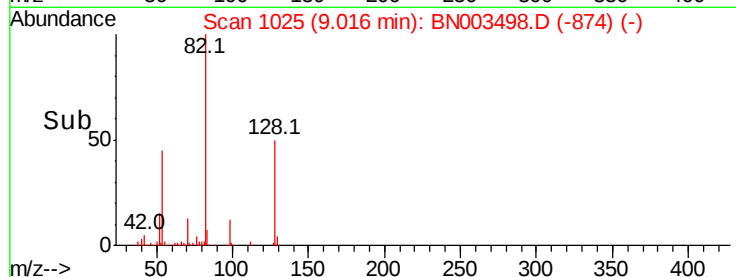
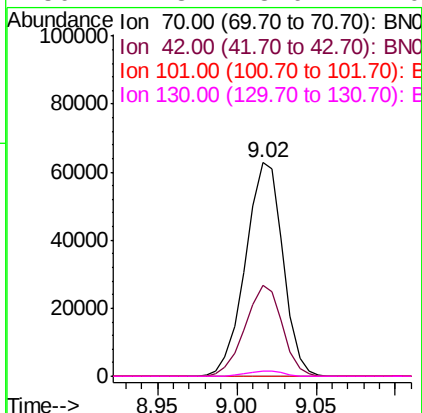
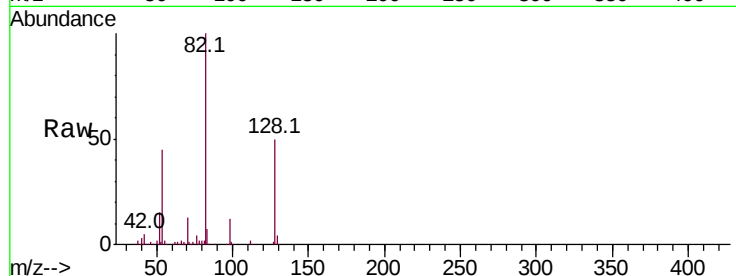




#19
n-Nitroso-di-n-propylamine
Concen: 14.179 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003498.D
Acq: 10 Nov 2018 06:29

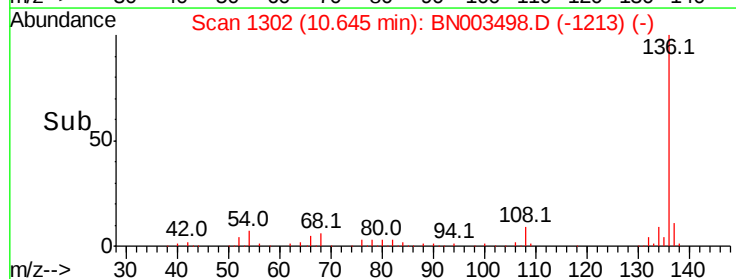
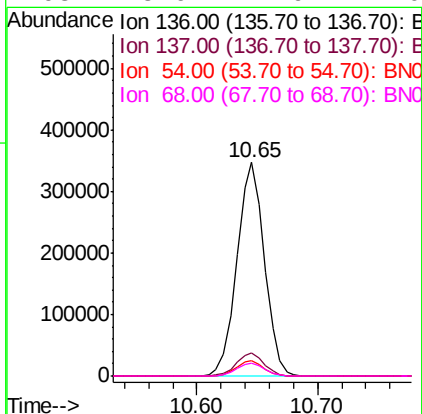
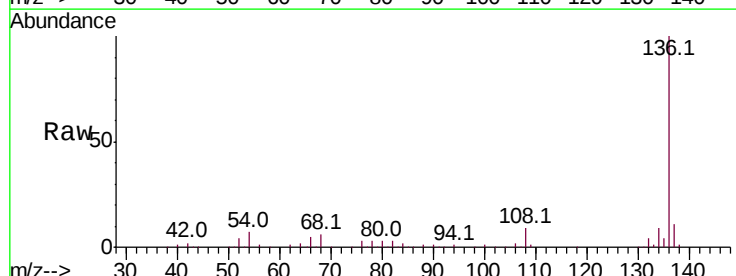
Instrument :
BNA_N
ClientSampleId :
110718-JETT-E-D-S

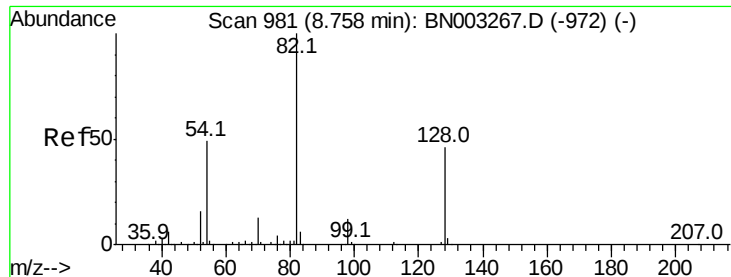
Tot Ion: 70 Resp: 102822
Ion Ratio Lower Upper
70 100
42 42.6 43.5 65.3#
101 0.0 8.6 12.8#
130 2.3 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003498.D
Acq: 10 Nov 2018 06:29

Tgt Ion: 136 Resp: 550102
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.9 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.031 ng

RT: 9.02 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-S

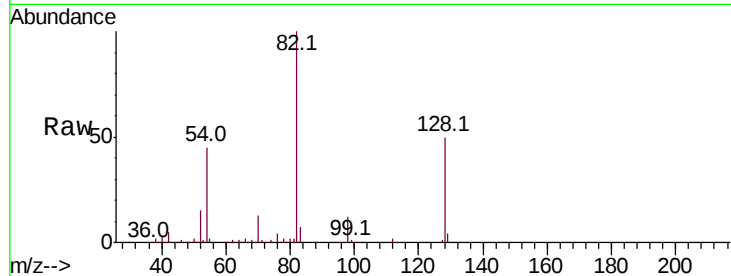
Tot Ion: 82 Resp: 806036

Ion Ratio Lower Upper

82 100

128 49.9 37.1 55.7

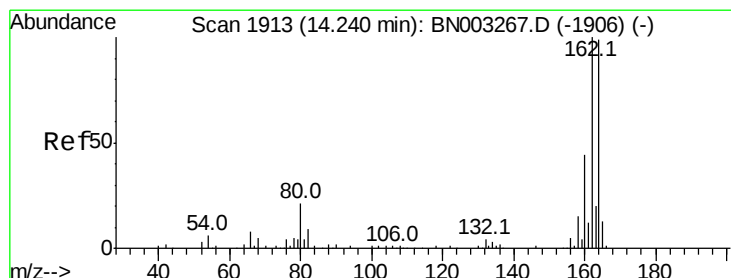
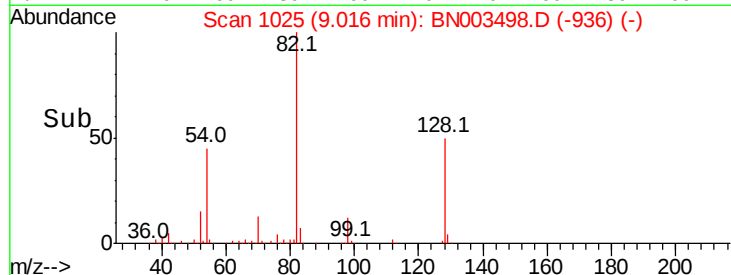
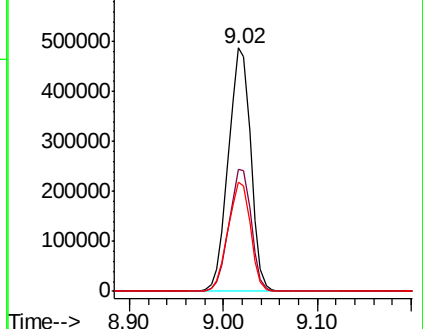
54 44.9 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BN003267.D (-972) (-)

Ion 128.00 (127.70 to 128.70): BN003267.D (-972) (-)

Ion 54.00 (53.70 to 54.70): BN003267.D (-972) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

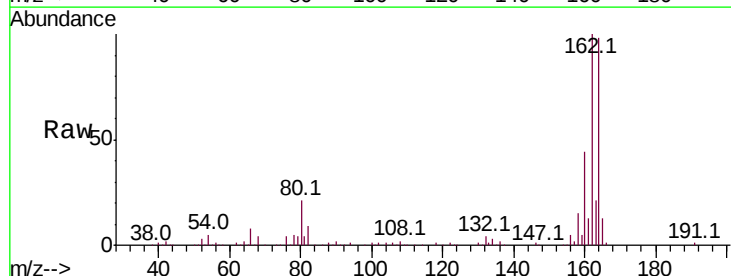
Tgt Ion:164 Resp: 323985

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

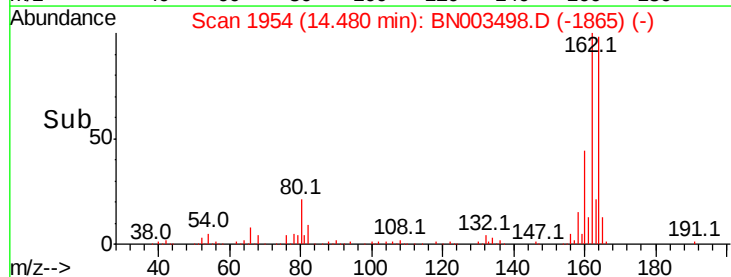
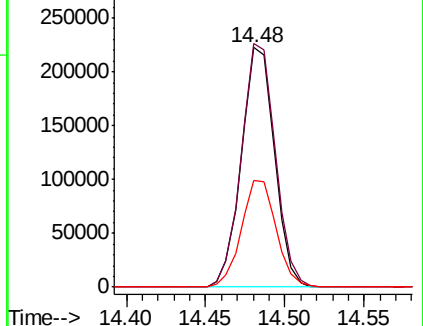
160 44.5 35.5 53.3

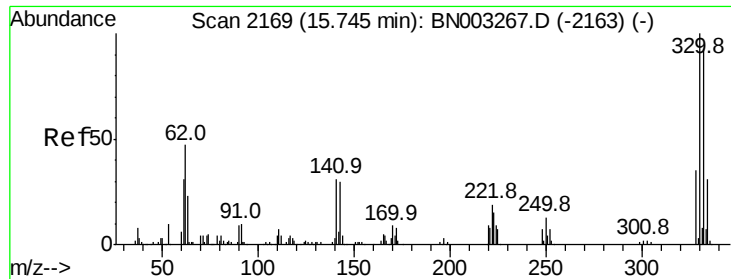


Abundance Ion 164.00 (163.70 to 164.70): BN003267.D (-1906) (-)

Ion 162.00 (161.70 to 162.70): BN003267.D (-1906) (-)

Ion 160.00 (159.70 to 160.70): BN003267.D (-1906) (-)

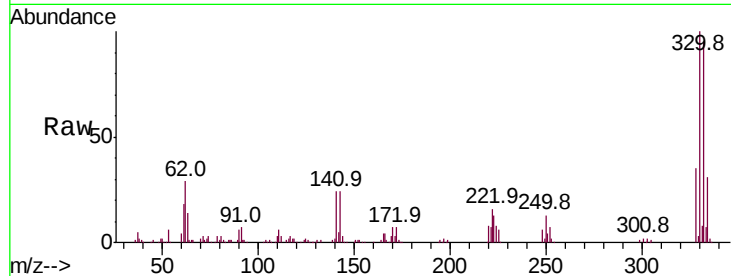




#42
 2,4,6-Tribromophenol
 Concen: 101.551 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003498.D
 Acq: 10 Nov 2018 06:29

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	26.9	24.5	36.7

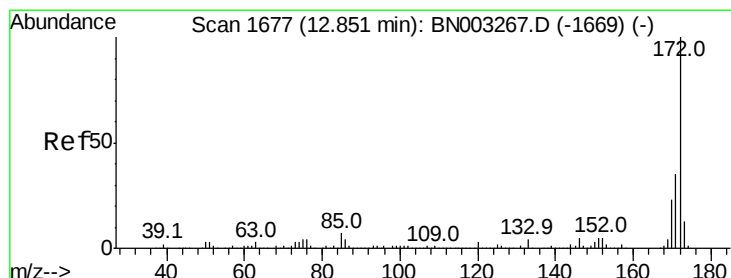
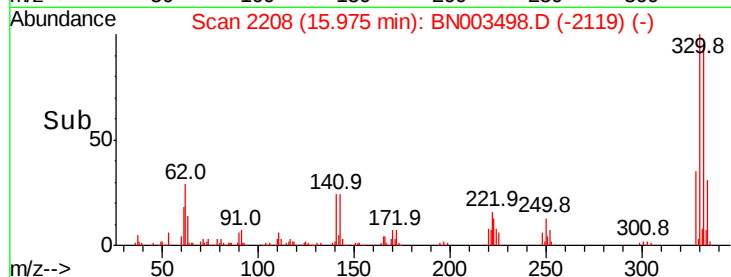
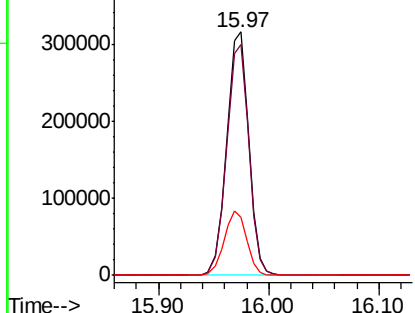


Abundance

Ion 329.80 (329.50 to 330.50): E

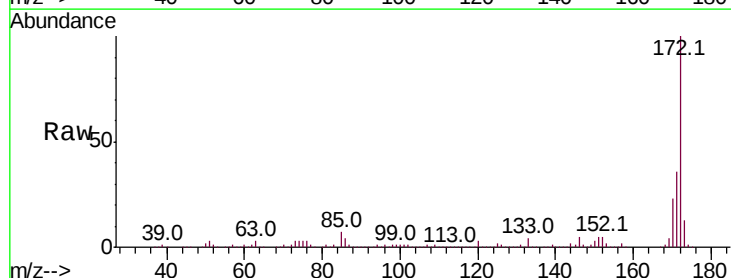
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.248 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003498.D
 Acq: 10 Nov 2018 06:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.5	18.4	27.6

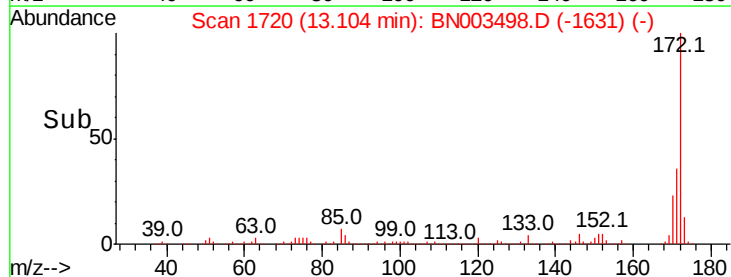
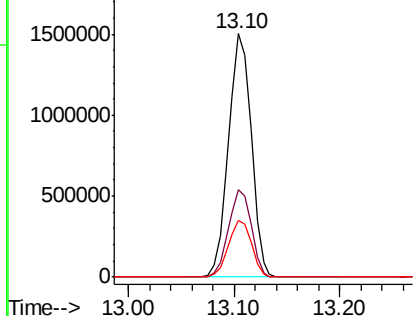


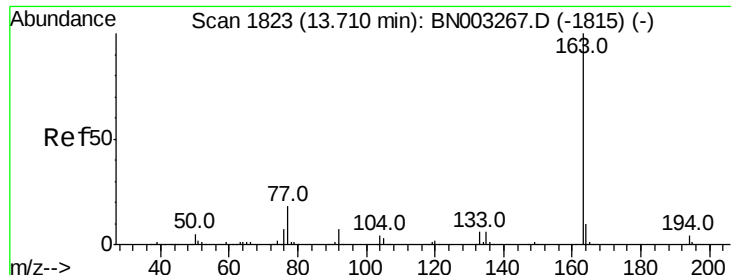
Abundance

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: 2.002 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-S

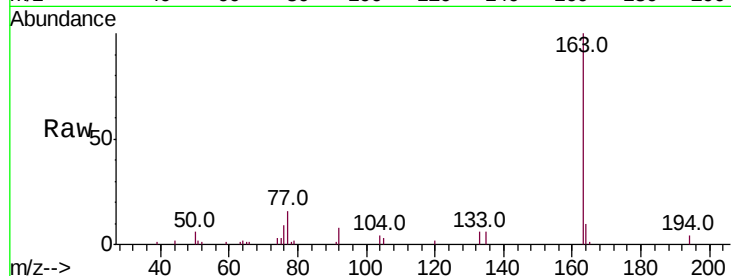
Tot Ion:163 Resp: 52447

Ion Ratio Lower Upper

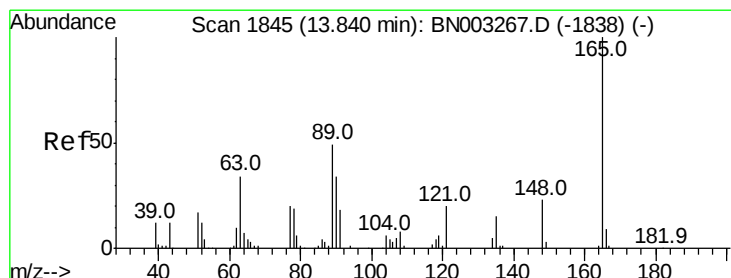
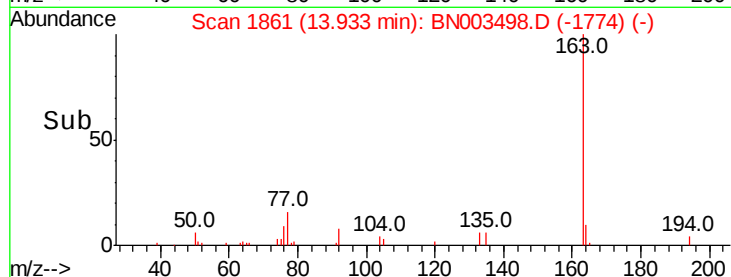
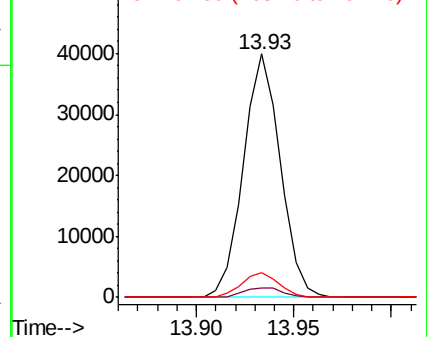
163 100

194 3.9 3.4 5.2

164 10.0 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: 6.969 ng

RT: 14.48 min Scan# 1954

Delta R.T. 0.41 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

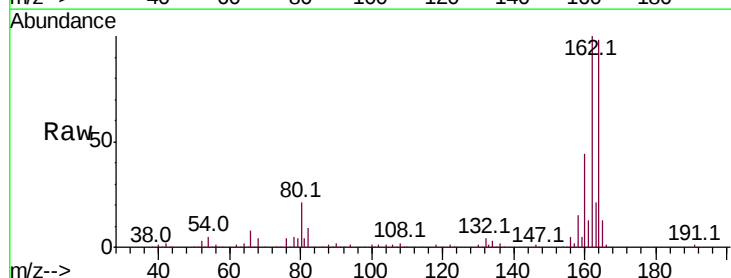
Tgt Ion:165 Resp: 41434

Ion Ratio Lower Upper

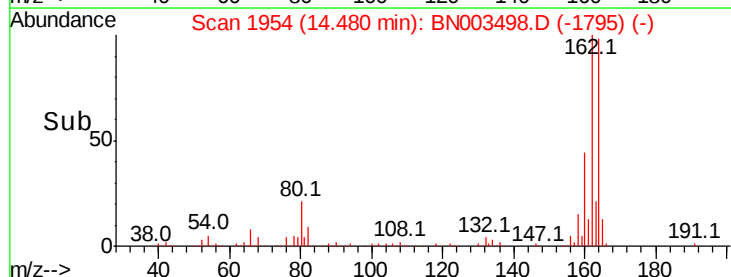
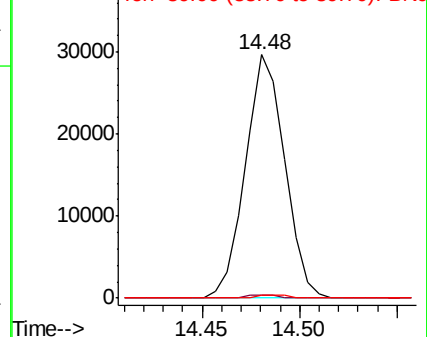
165 100

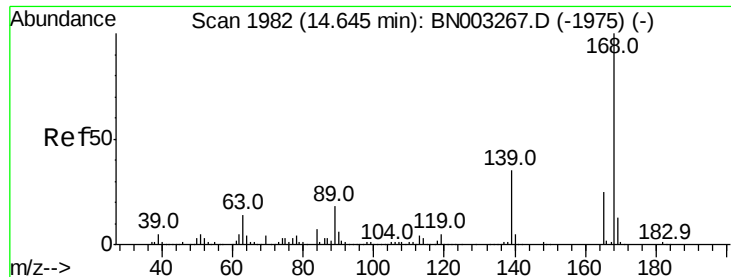
63 1.1 39.2 58.8#

89 1.1 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

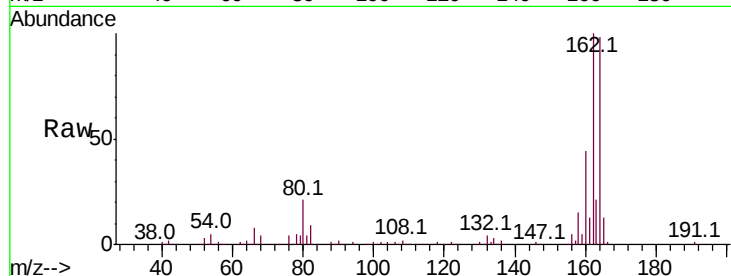




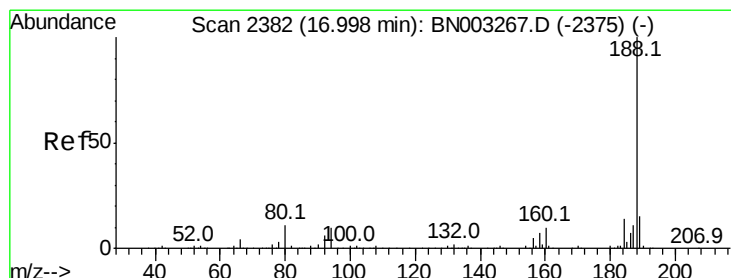
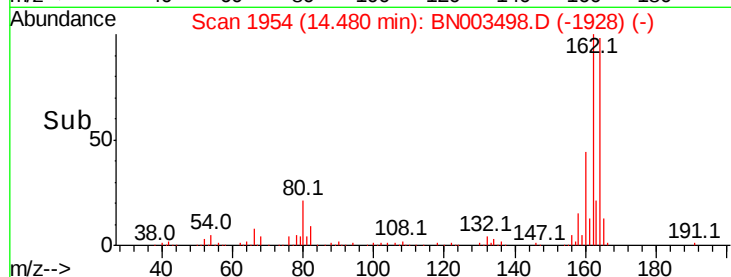
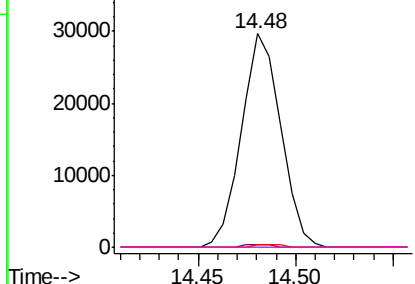
#57
 2,4-Dinitrotoluene
 Concen: 5.140 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003498.D
 Acq: 10 Nov 2018 06:29

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

Tot Ion:165 Resp: 41434
 Ion Ratio Lower Upper
 165 100
 63 1.1 45.8 68.6#
 89 1.1 58.7 88.1#
 182 0.0 2.3 3.5#

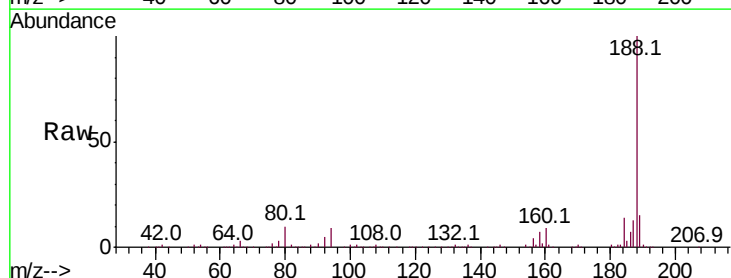


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

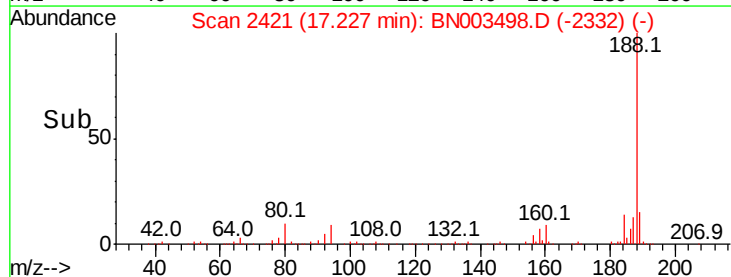
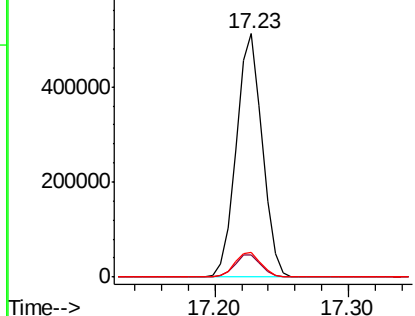


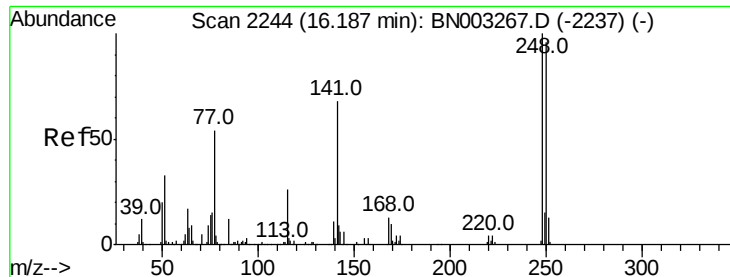
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003498.D
 Acq: 10 Nov 2018 06:29

Tgt Ion:188 Resp: 689393
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.1 12.1
 80 10.0 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

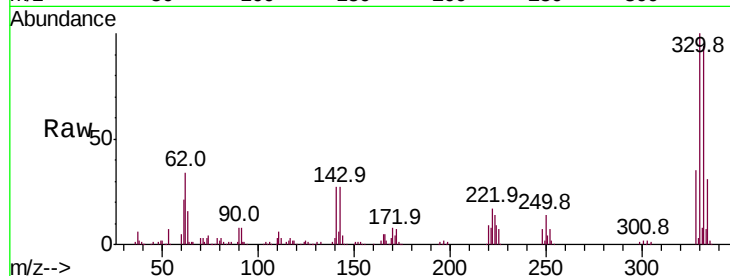




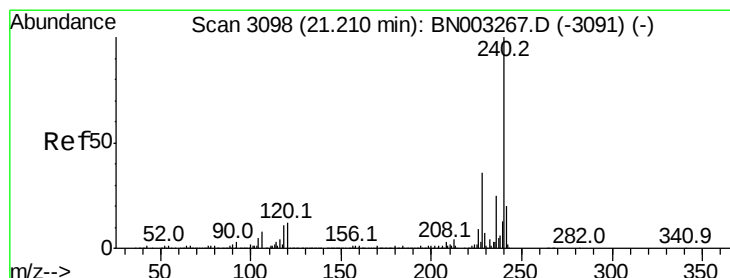
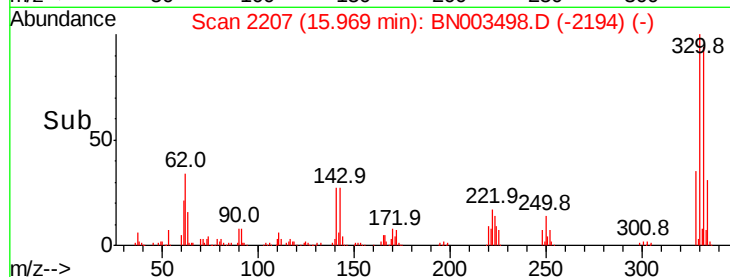
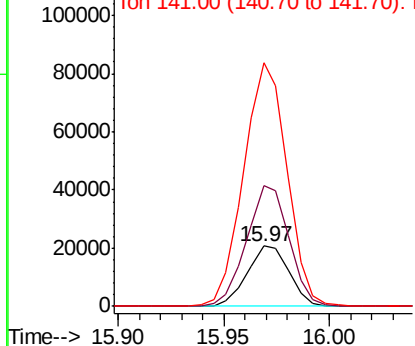
#67
4-Bromophenyl-phenylether
Concen: 3.679 ng
RT: 15.97 min Scan# 2207
Delta R.T. -0.45 min
Lab File: BN003498.D
Acq: 10 Nov 2018 06:29

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

Tot Ion:248 Resp: 28567
Ion Ratio Lower Upper
248 100
250 200.0 76.4 114.6#
141 405.5 54.2 81.4#

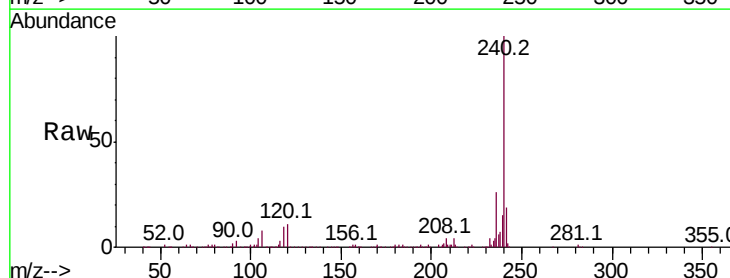


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

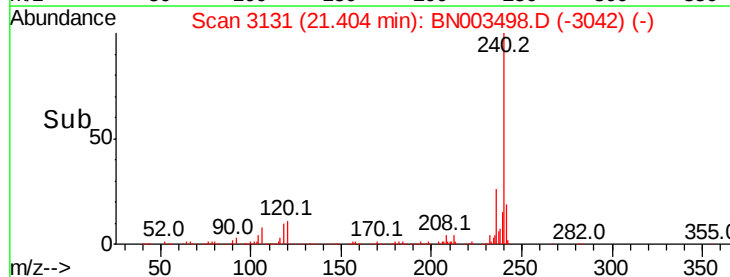
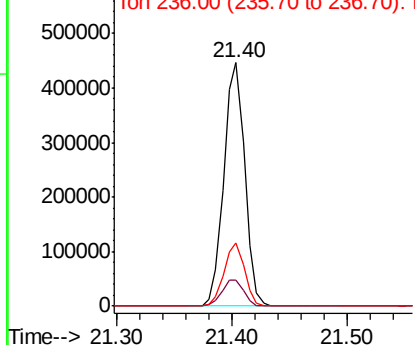


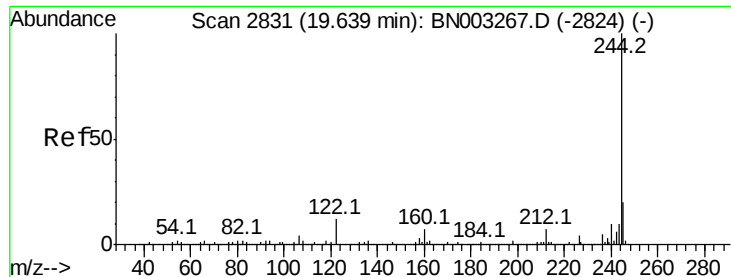
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003498.D
Acq: 10 Nov 2018 06:29

Tgt Ion:240 Resp: 559477
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.0
236 25.9 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





#79

Terphenyl-d14

Concen: 93.801 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

Instrument :

BNA_N

ClientSampleId :

110718-JETT-E-D-S

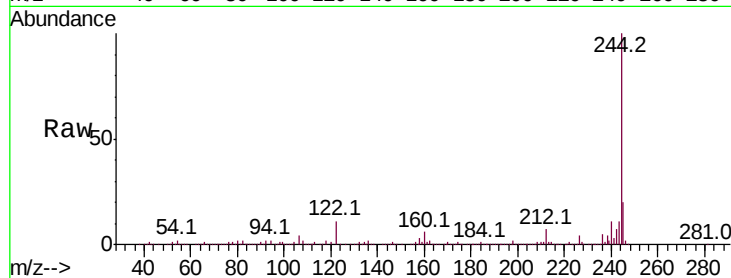
Tot Ion:244 Resp: 2453988

Ion Ratio Lower Upper

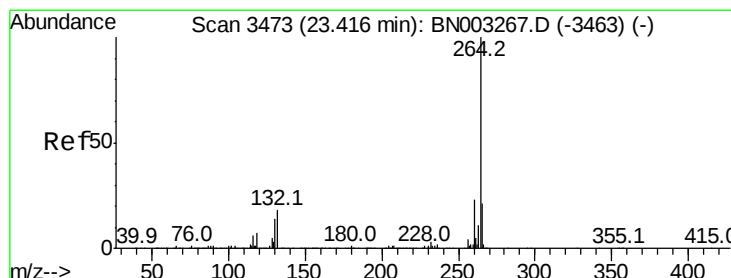
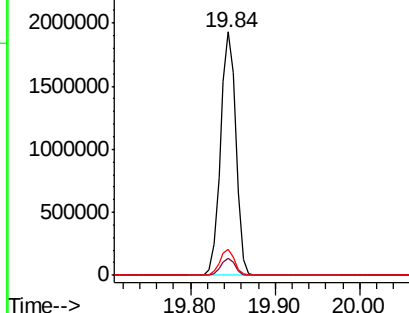
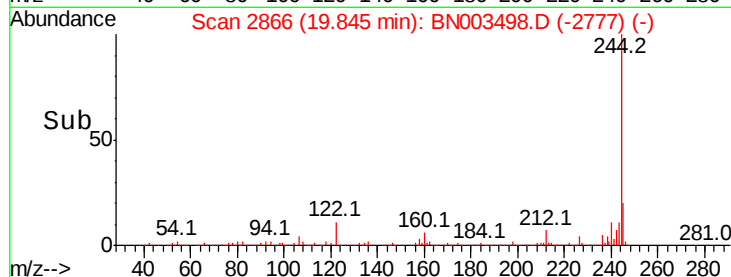
244 100

212 6.8 5.4 8.0

122 10.8 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

Perylene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BN003498.D

Acq: 10 Nov 2018 06:29

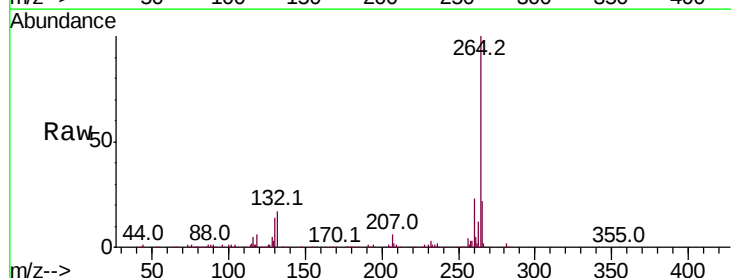
Tgt Ion:264 Resp: 566928

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.9 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

