

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003493.D
 Acq On : 10 Nov 2018 03:34
 Operator : MJ/SJ
 Sample : J5881-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-D-S

Quant Time: Nov 12 03:24:16 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	97025	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	434348	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	261464	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	580799	20.00	ng	0.00
76) Chrysene-d12	21.40	240	473597	20.00	ng	0.00
87) Perylene-d12	23.72	264	460173	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	225113	40.41	ng	0.00
7) Phenol-d6	7.00	99	176560	22.29	ng	-0.01
23) Nitrobenzene-d5	9.02	82	664034	87.68	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	376206	106.86	ng	-0.01
45) 2-Fluorobiphenyl	13.10	172	1858929	96.44	ng	0.00
79) Terphenyl-d14	19.85	244	2166701	97.84	ng	0.00

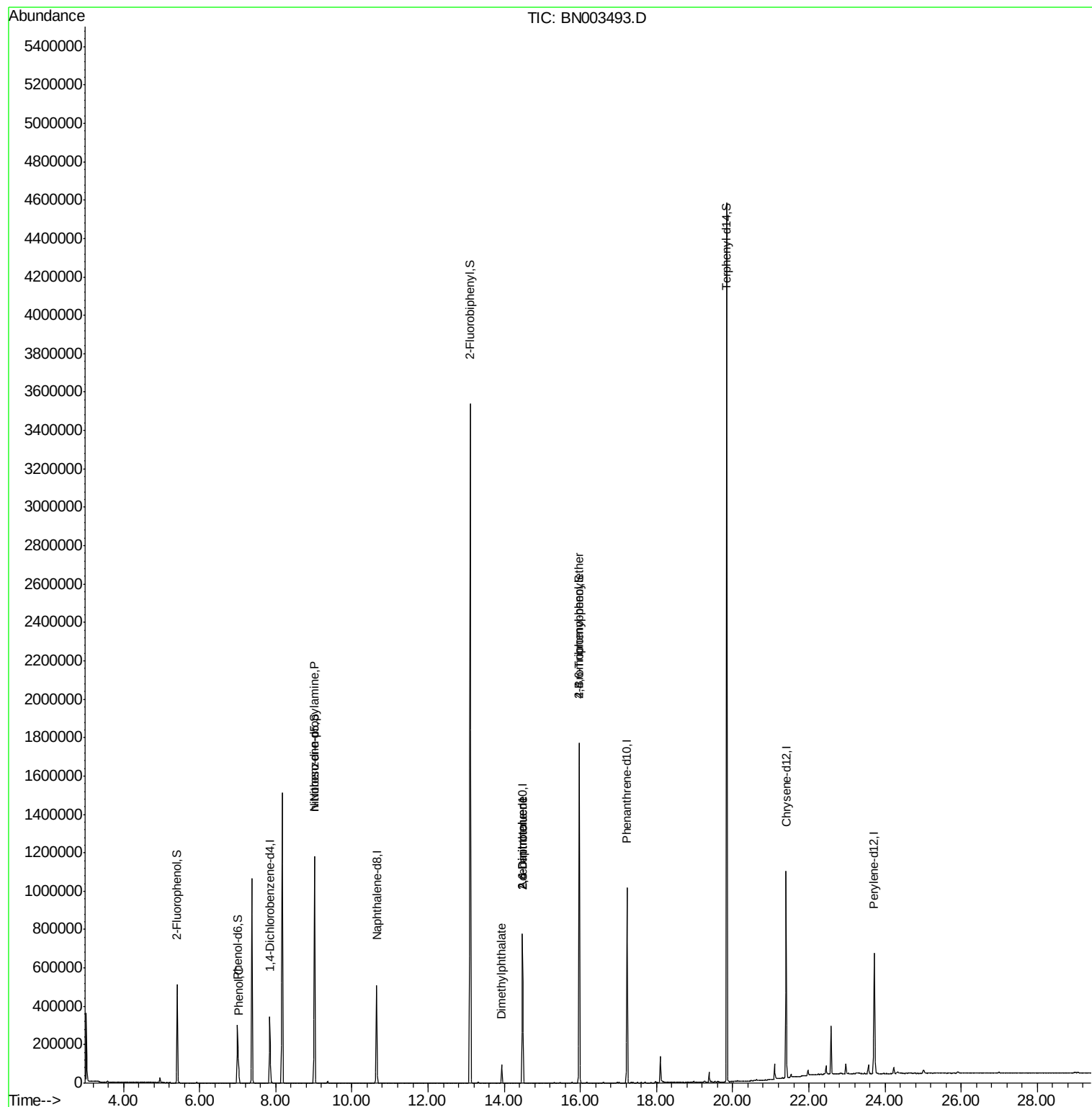
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.03	94	57532	6.883	ng	93
19) n-Nitroso-di-n-propylamine	9.02	70	84340	14.766	ng	# 76
50) Dimethylphthalate	13.93	163	64267	3.040	ng	98
51) 2,6-Dinitrotoluene	14.48	165	33456	6.972	ng	# 28
57) 2,4-Dinitrotoluene	14.48	165	33456	5.142	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	24139	3.690	ng	# 1

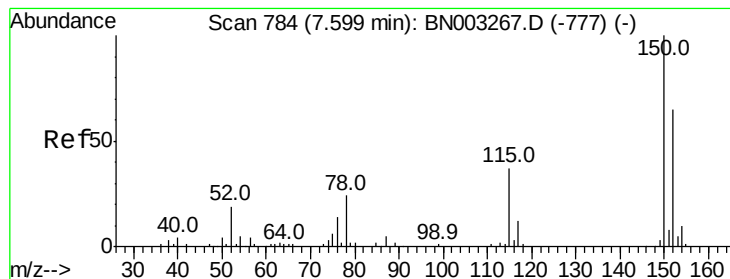
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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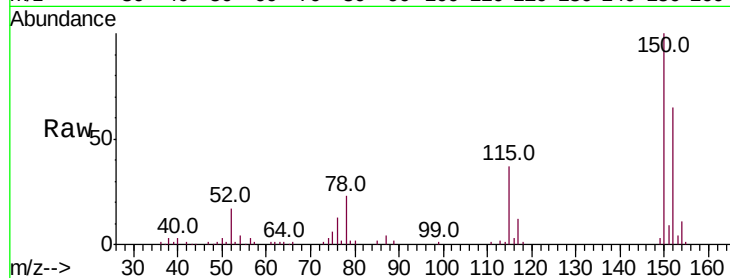


#1

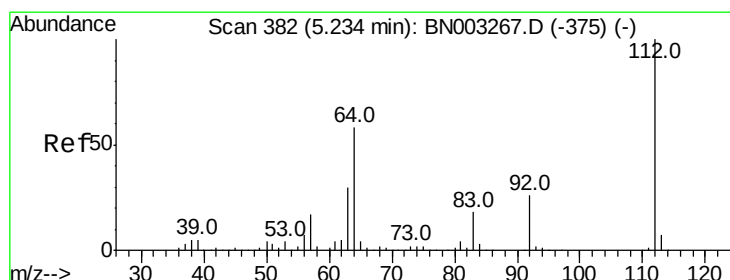
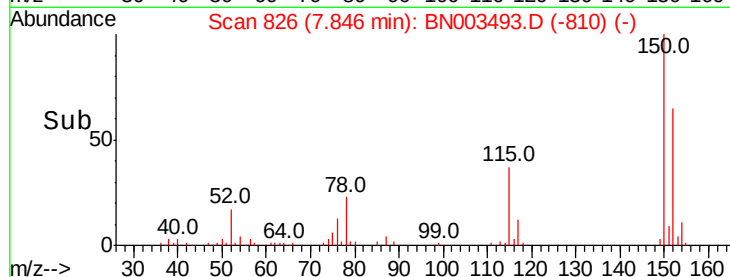
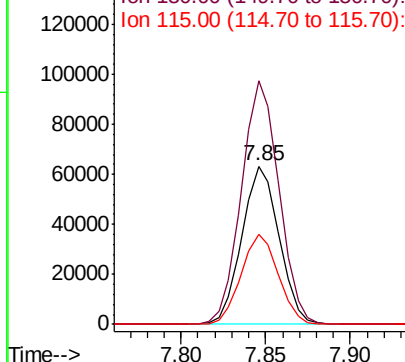
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tot Ion:152 Resp: 97025
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.8
115 57.0 45.9 68.9



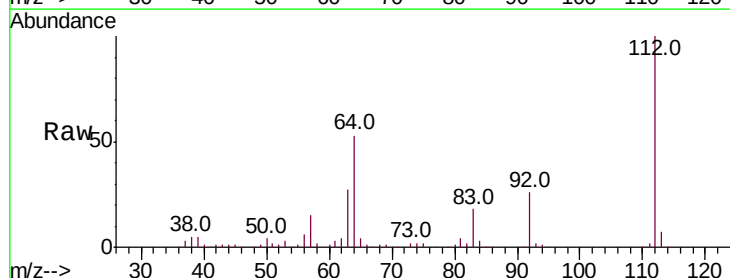
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



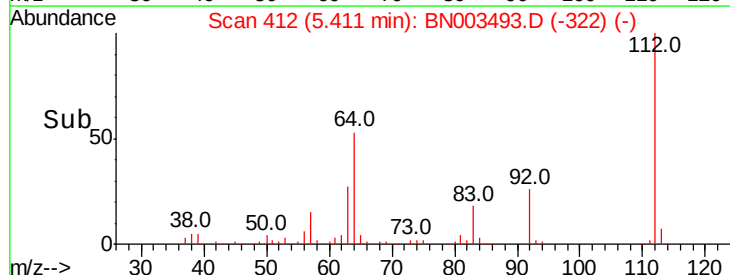
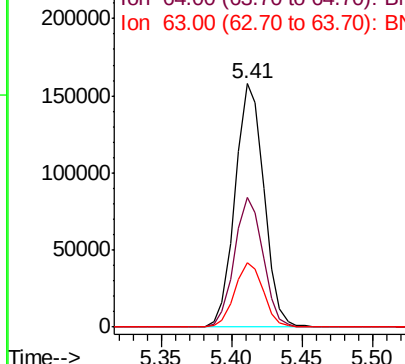
#5

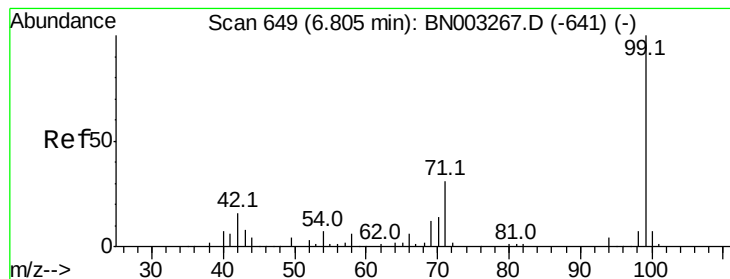
2-Fluorophenol
Concen: 40.411 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.00 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:112 Resp: 225113
Ion Ratio Lower Upper
112 100
64 53.4 46.6 69.8
63 26.5 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: 22.290 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003493.D

Acq: 10 Nov 2018 03:34

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-S

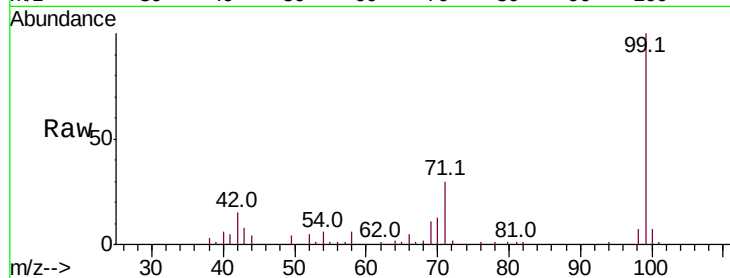
Tot Ion: 99 Resp: 176560

Ion Ratio Lower Upper

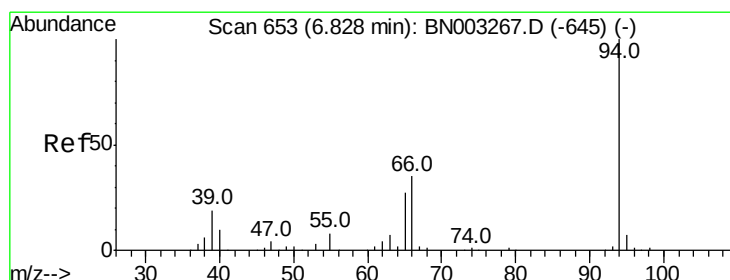
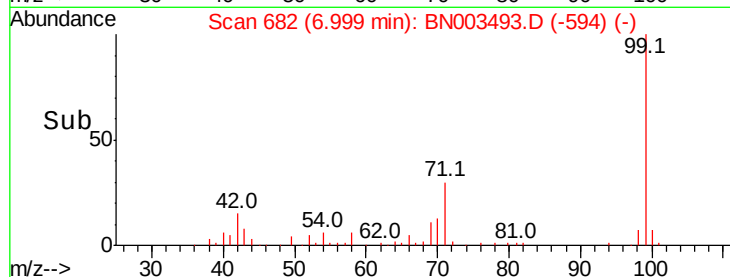
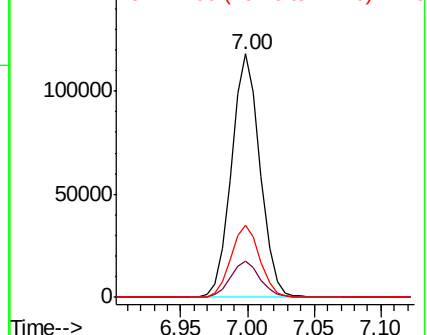
99 100

42 15.1 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



#10

Phenol

Concen: 6.883 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN003493.D

Acq: 10 Nov 2018 03:34

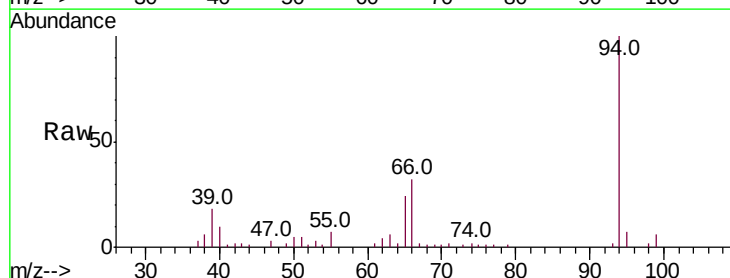
Tgt Ion: 94 Resp: 57532

Ion Ratio Lower Upper

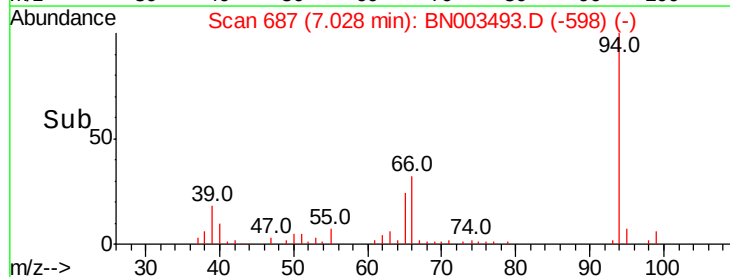
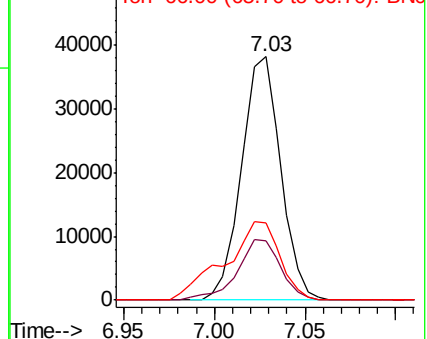
94 100

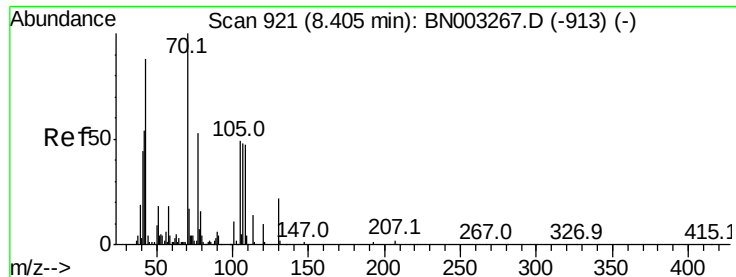
65 24.4 7.7 47.7

66 31.8 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

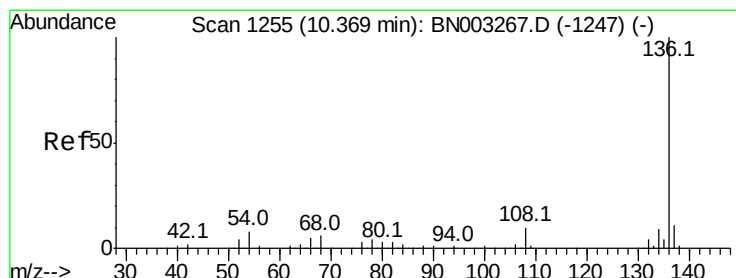
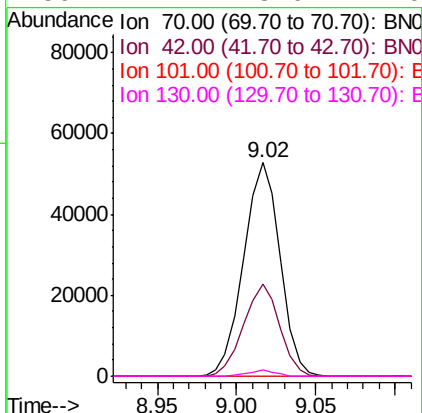
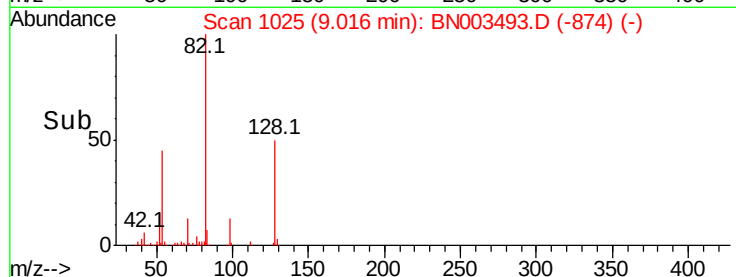
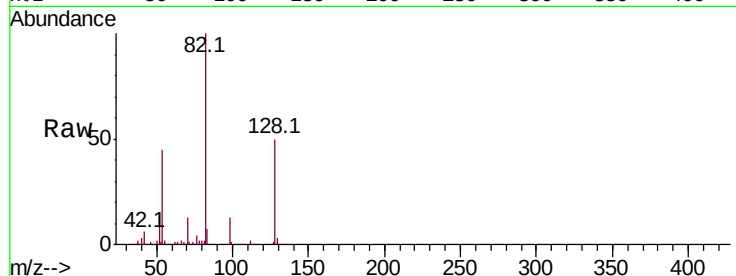




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.766 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. 0.36 min
 Lab File: BN003493.D
 Acq: 10 Nov 2018 03:34

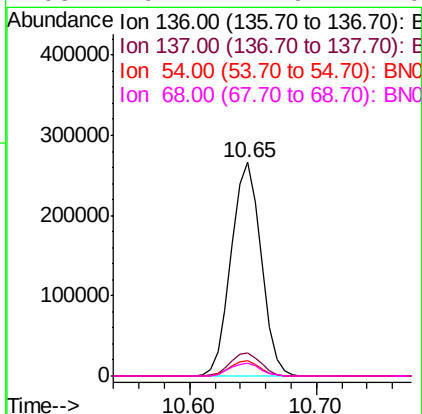
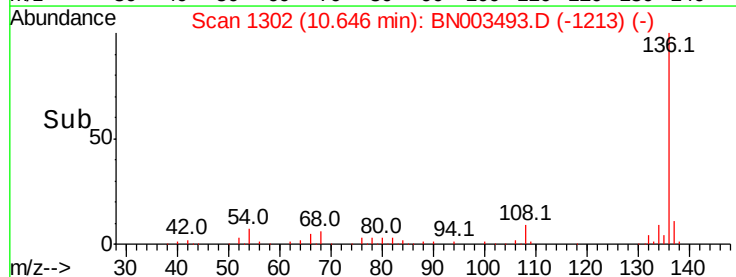
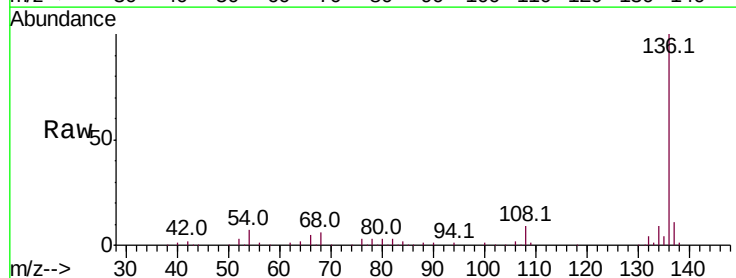
Instrument :
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 110718-TIPC-F-D-S

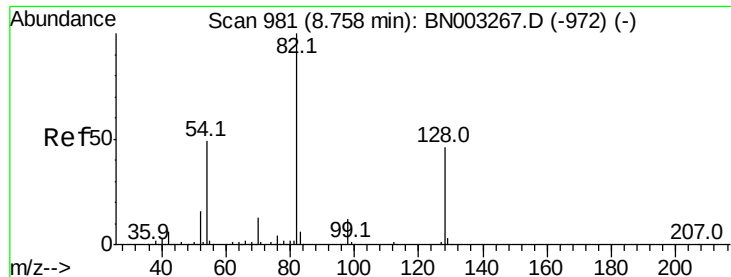
Tot Ion: 70 Resp: 84340
 Ion Ratio Lower Upper
 70 100
 42 43.1 43.5 65.3#
 101 0.0 8.6 12.8#
 130 2.7 18.0 27.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.65 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BN003493.D
 Acq: 10 Nov 2018 03:34

Tgt Ion: 136 Resp: 434348
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.7 13.1
 54 7.0 6.6 10.0
 68 6.1 4.6 7.0

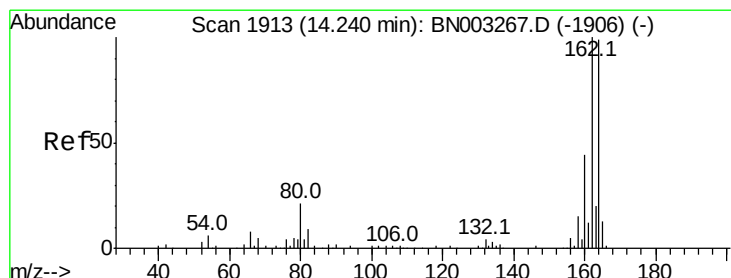
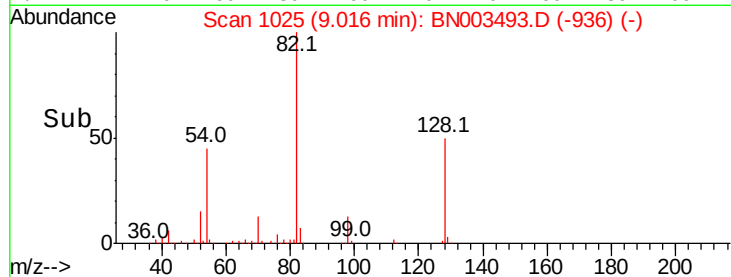
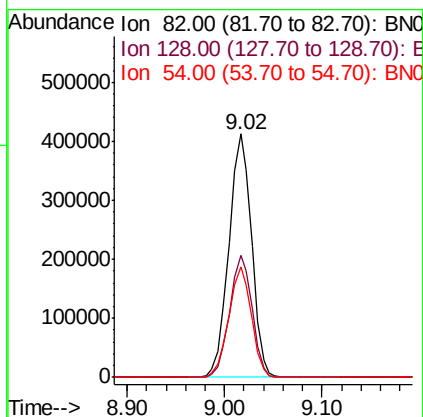
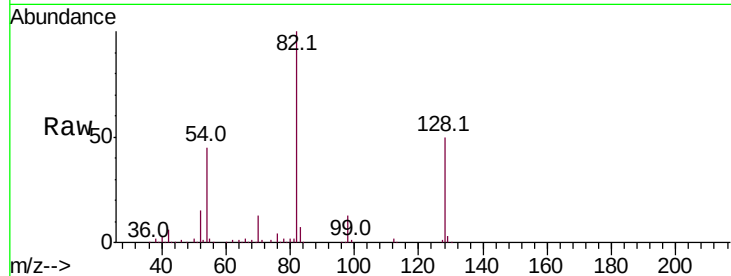




#23
Nitrobenzene-d5
Concen: 87.676 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

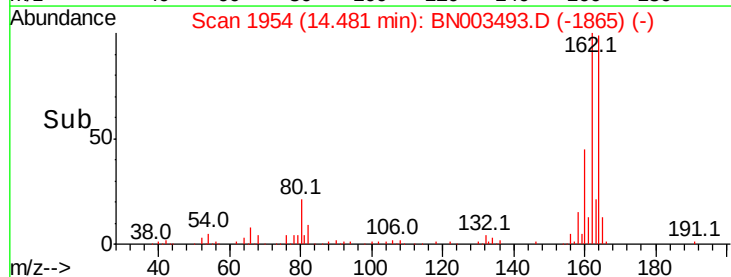
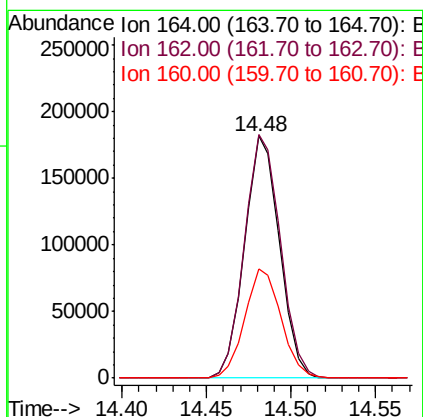
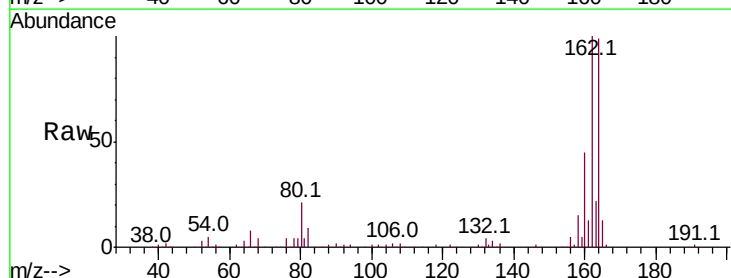
Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

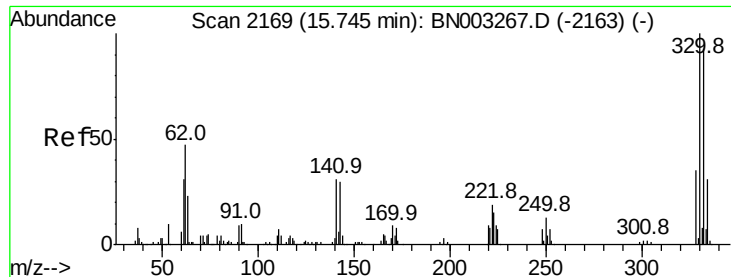
Tot Ion: 82 Resp: 664034
Ion Ratio Lower Upper
82 100
128 50.3 37.1 55.7
54 45.4 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion: 164 Resp: 261464
Ion Ratio Lower Upper
164 100
162 100.6 80.8 121.2
160 44.9 35.5 53.3

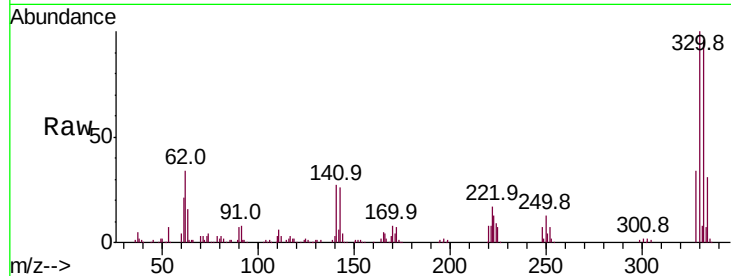




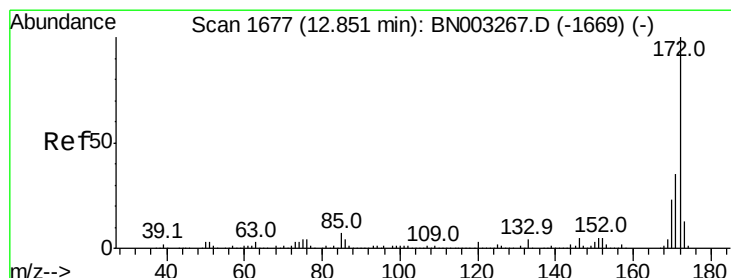
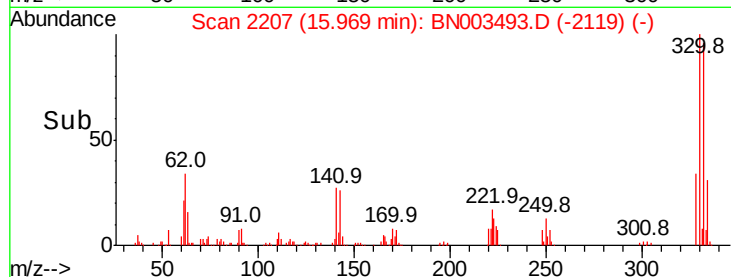
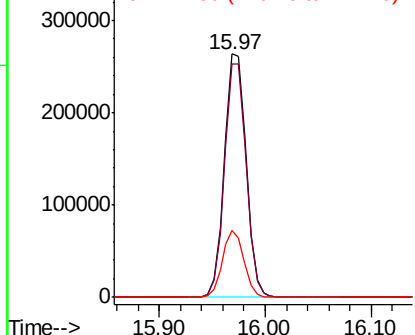
#42
 2,4,6-Tribromophenol
 Concen: 106.855 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003493.D
 Acq: 10 Nov 2018 03:34

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	27.0	24.5	36.7

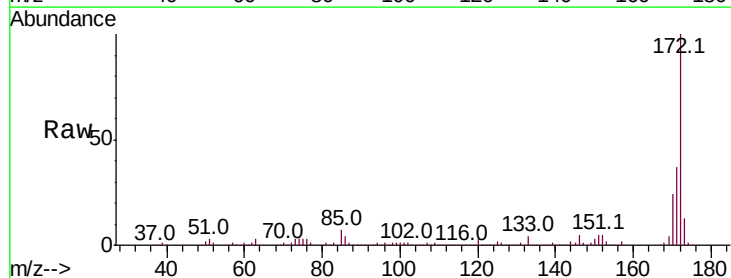


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

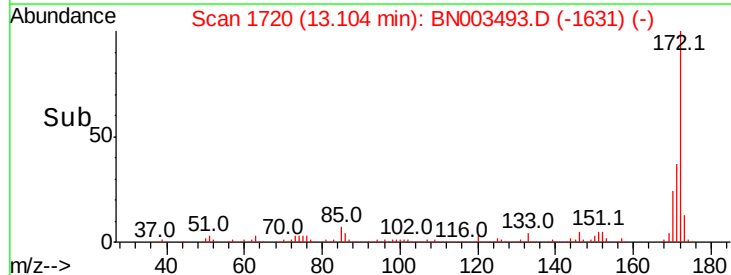
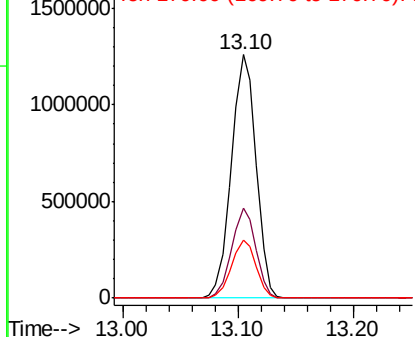


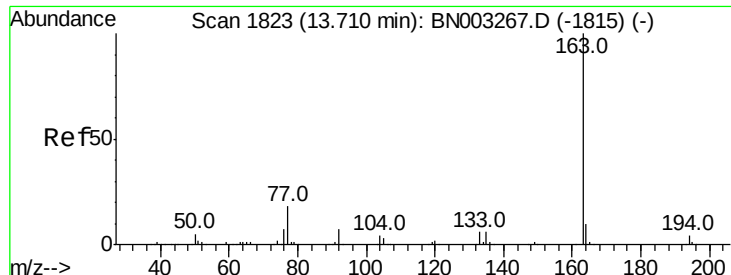
#45
 2-Fluorobiphenyl
 Concen: 96.438 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003493.D
 Acq: 10 Nov 2018 03:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.4
170	23.6	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: 3.040 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003493.D

Acq: 10 Nov 2018 03:34

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-S

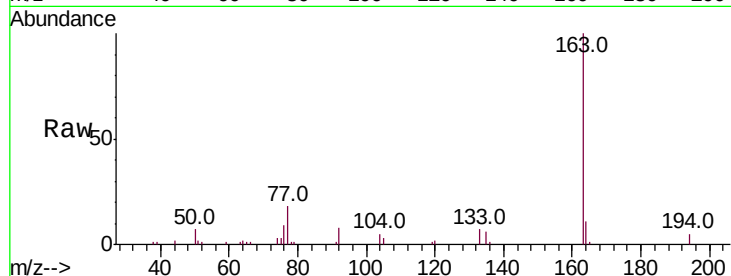
Tot Ion:163 Resp: 64267

Ion Ratio Lower Upper

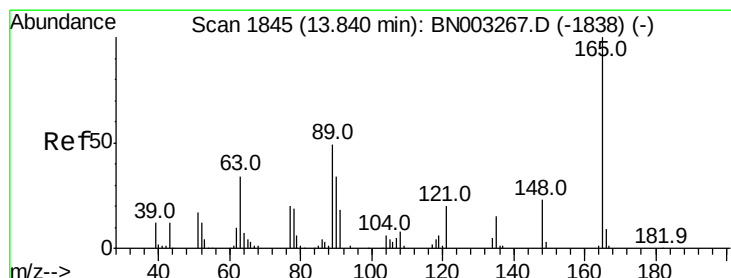
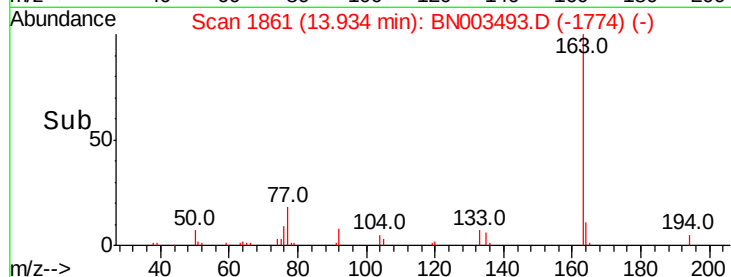
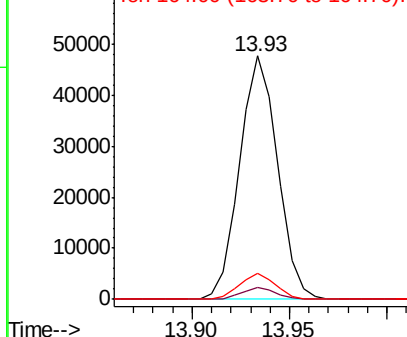
163 100

194 4.7 3.4 5.2

164 10.9 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: 6.972 ng

RT: 14.48 min Scan# 1954

Delta R.T. 0.41 min

Lab File: BN003493.D

Acq: 10 Nov 2018 03:34

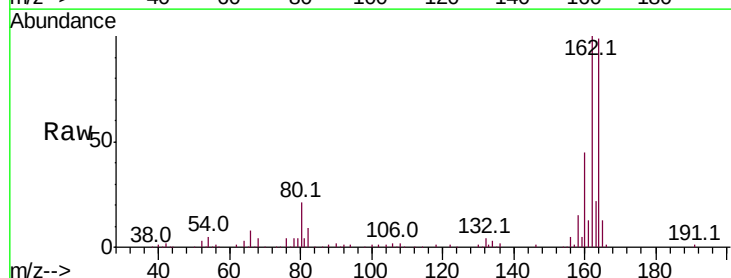
Tgt Ion:165 Resp: 33456

Ion Ratio Lower Upper

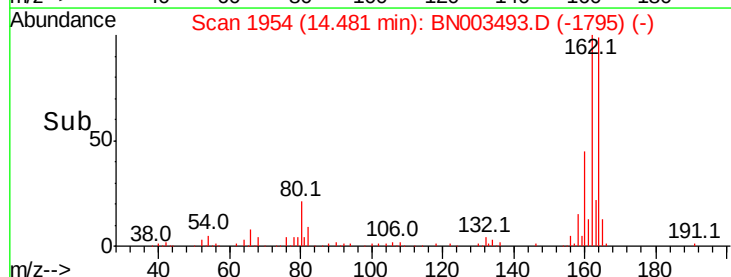
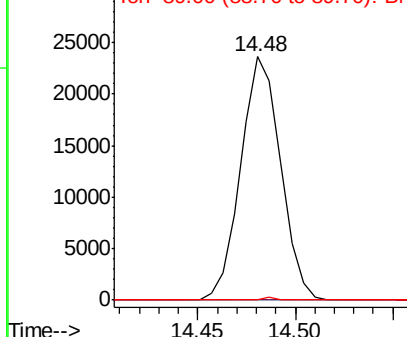
165 100

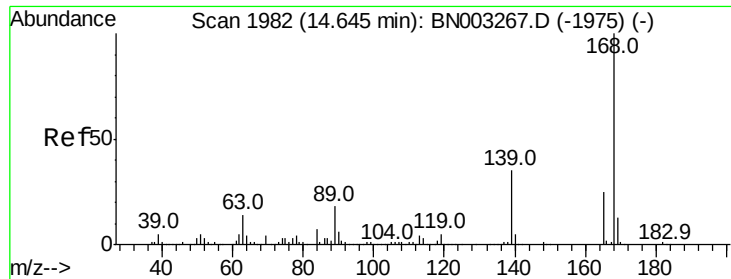
63 0.0 39.2 58.8#

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

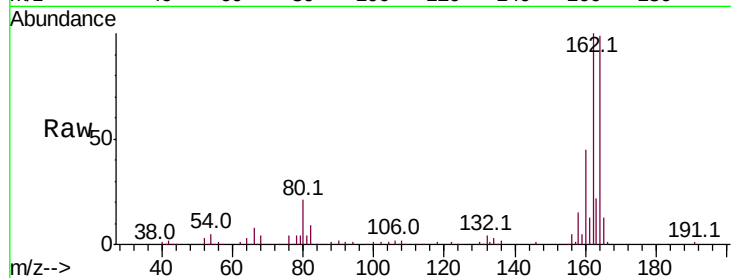




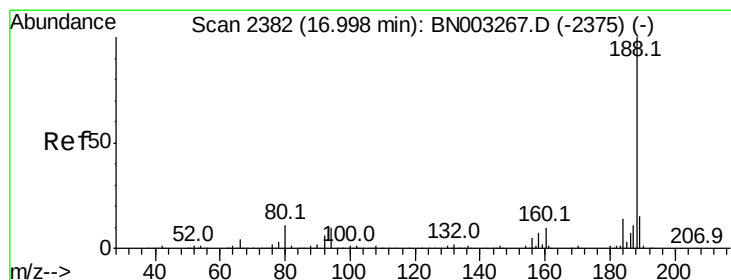
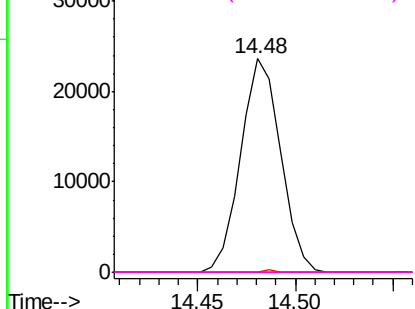
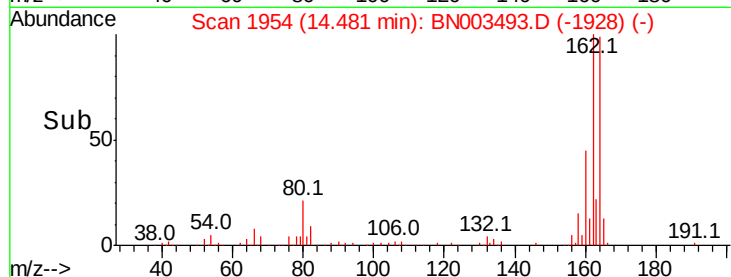
#57
 2,4-Dinitrotoluene
 Concen: 5.142 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003493.D
 Acq: 10 Nov 2018 03:34

Instrument :
 BNA_N
 ClientSampleId :
 110718-TIPC-F-D-S

Tot Ion:165 Resp: 33456
 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#

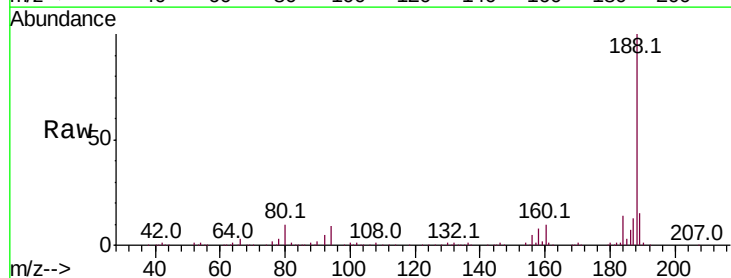


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

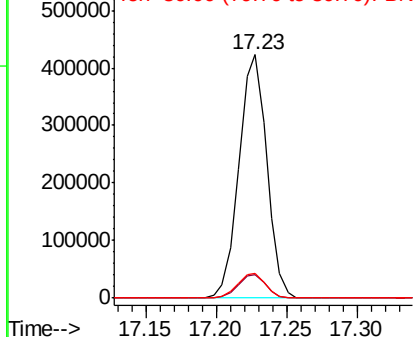
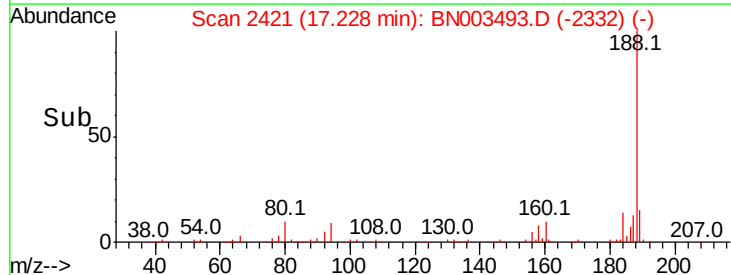


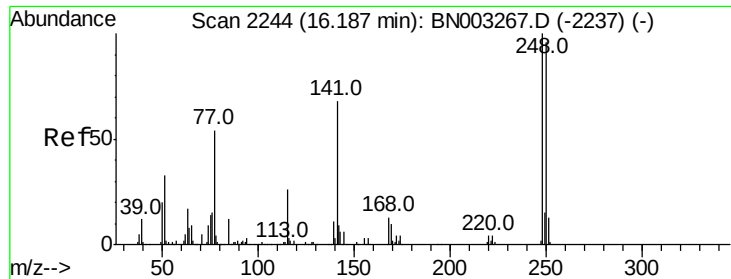
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003493.D
 Acq: 10 Nov 2018 03:34

Tgt Ion:188 Resp: 580799
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.1 12.1
 80 10.2 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

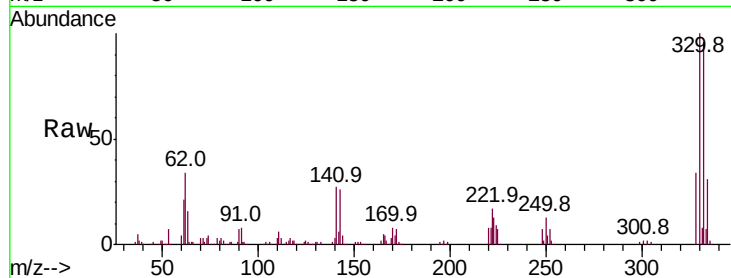




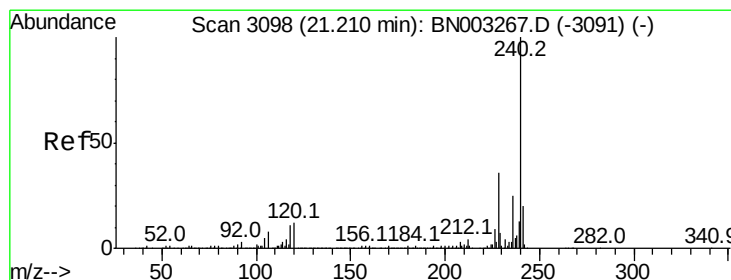
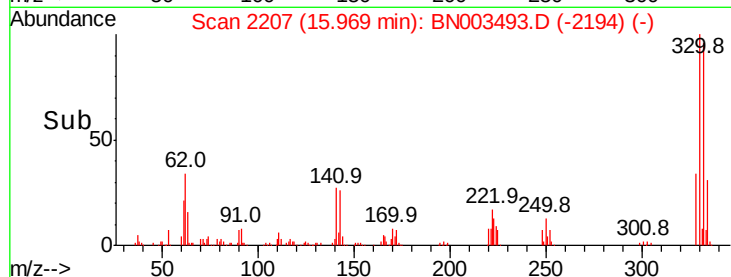
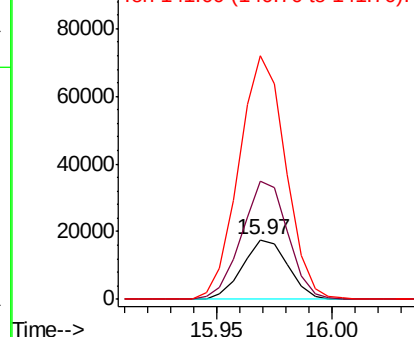
#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 15.97 min Scan# 2207
Delta R.T. -0.45 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tot Ion:248 Resp: 24139
Ion Ratio Lower Upper
248 100
250 196.7 76.4 114.6#
141 407.0 54.2 81.4#

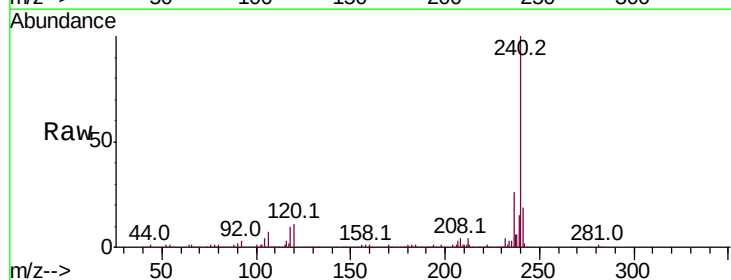


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

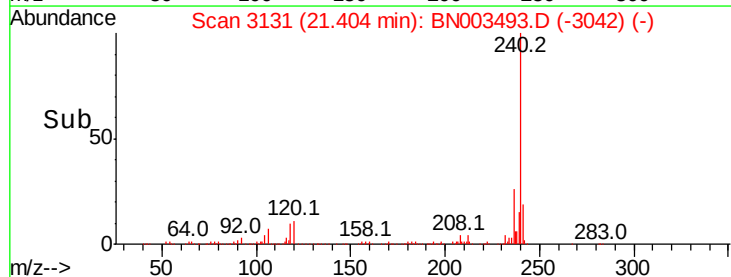
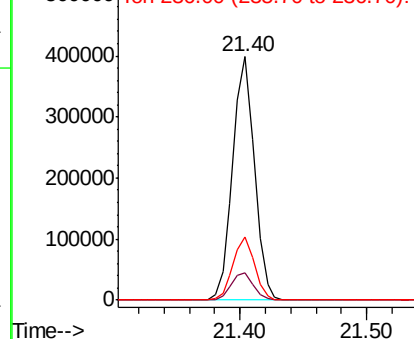


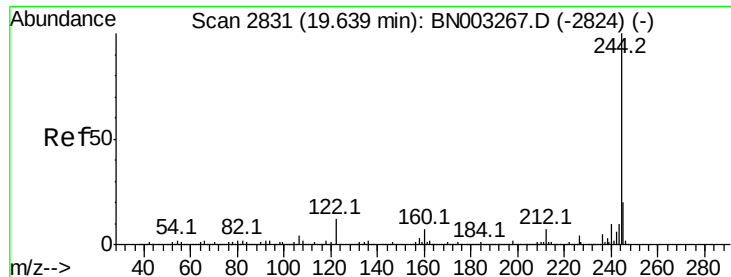
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:240 Resp: 473597
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





#79

Terphenyl-d14

Concen: 97.838 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003493.D

Acq: 10 Nov 2018 03:34

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-D-S

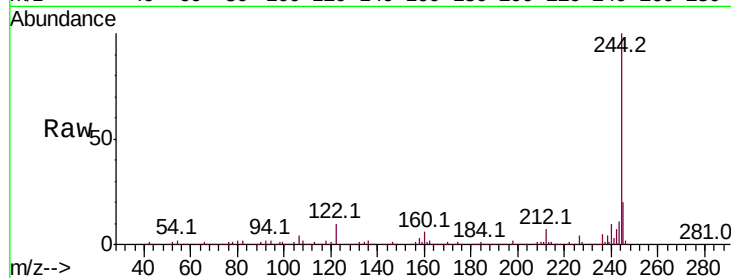
Tot Ion:244 Resp: 2166701

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

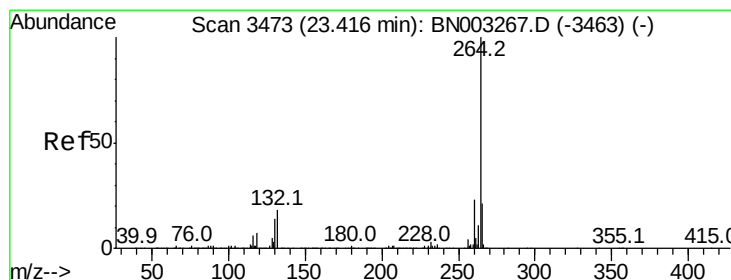
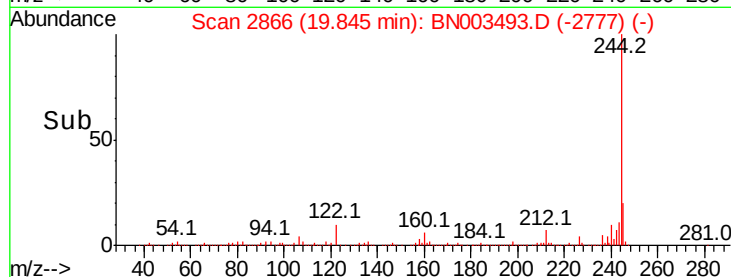
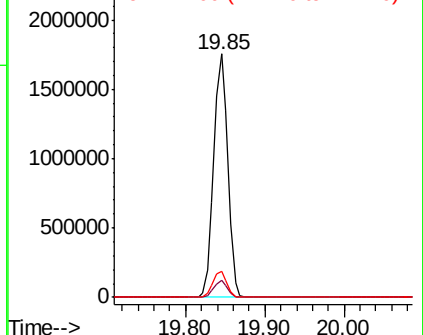
122 10.5 9.4 14.2



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: BN003493.D

Acq: 10 Nov 2018 03:34

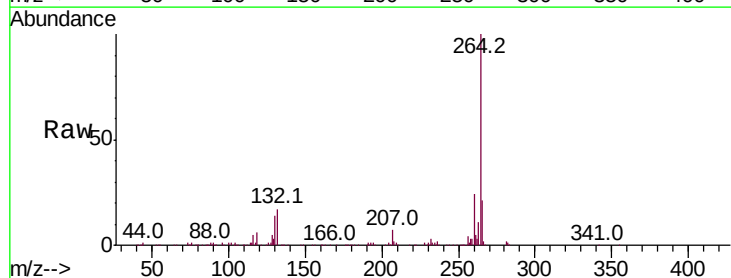
Tgt Ion:264 Resp: 460173

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.4 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

