

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003495.D
 Acq On : 10 Nov 2018 04:44
 Operator : MJ/SJ
 Sample : J5881-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Nov 12 03:24:34 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

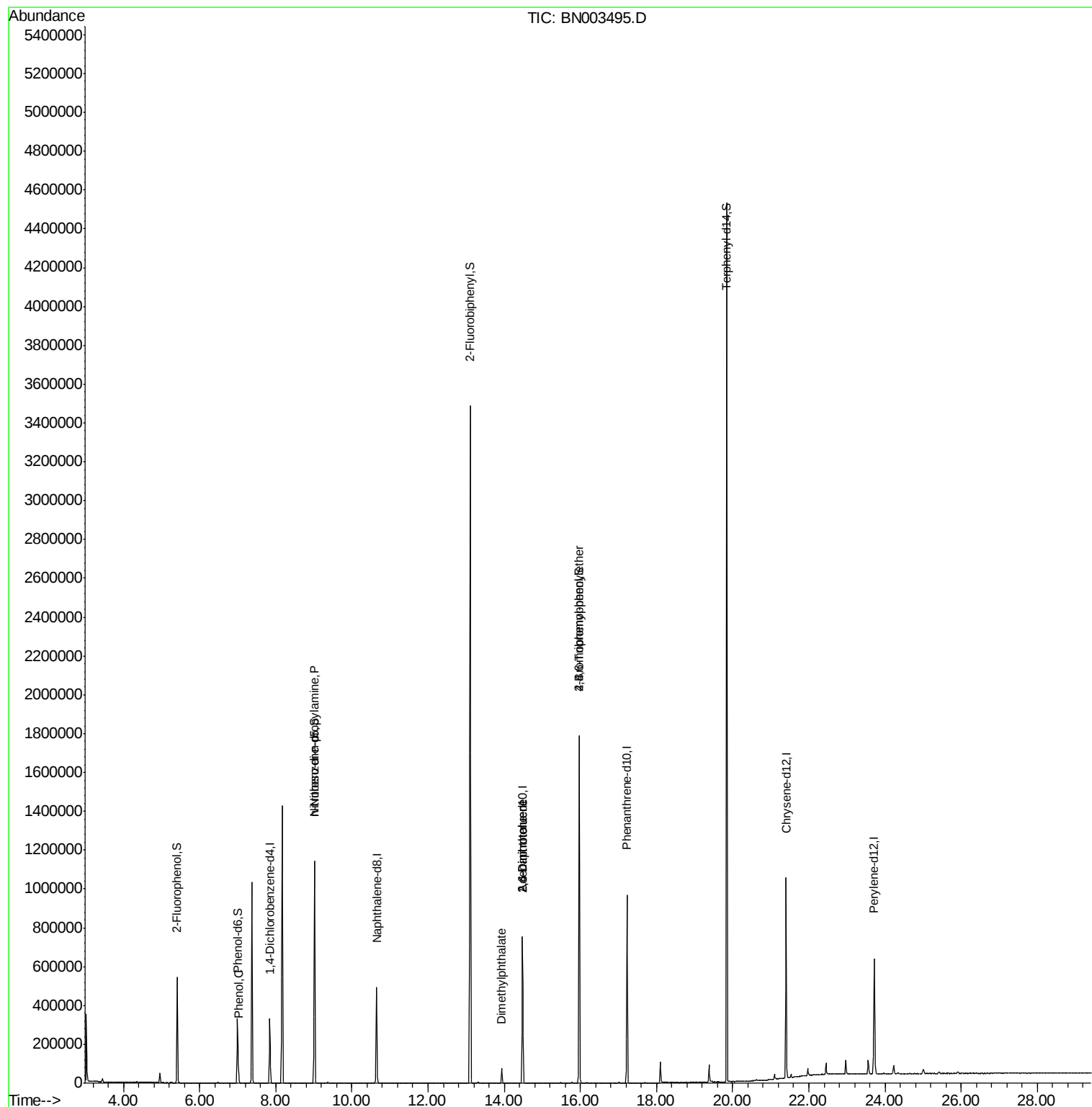
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	92211	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	416706	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	252713	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	559837	20.00	ng	0.00
76) Chrysene-d12	21.40	240	452546	20.00	ng	0.00
87) Perylene-d12	23.72	264	430569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	241184	45.56	ng	0.00
7) Phenol-d6	7.00	99	198993	26.43	ng	-0.01
23) Nitrobenzene-d5	9.02	82	644129	88.65	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	367006	107.85	ng	-0.01
45) 2-Fluorobiphenyl	13.10	172	1843495	98.95	ng	0.00
79) Terphenyl-d14	19.85	244	2186492	103.32	ng	0.00
Target Compounds						
10) Phenol	7.02	94	30439	3.832	ng	96
19) n-Nitroso-di-n-propylamine	9.02	70	81687	15.048	ng	# 75
50) Dimethylphthalate	13.93	163	50444	2.469	ng	100
51) 2,6-Dinitrotoluene	14.48	165	32868	7.087	ng	# 28
57) 2,4-Dinitrotoluene	14.48	165	32868	5.227	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	23847	3.782	ng	# 1

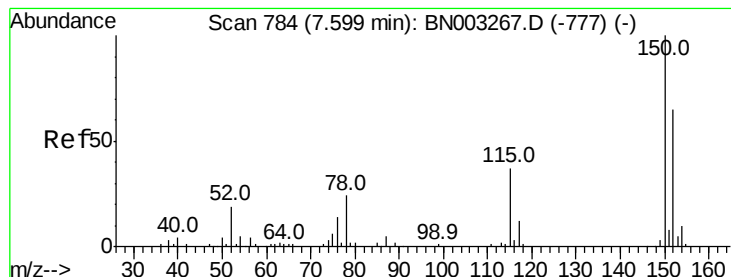
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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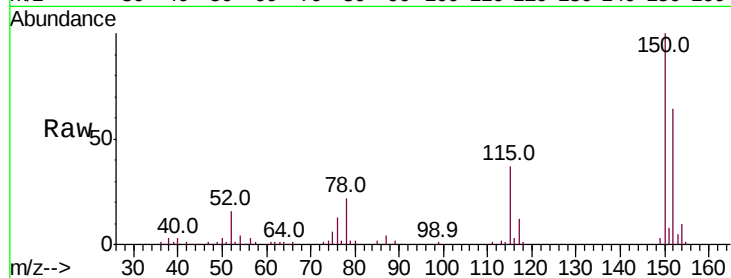


#1

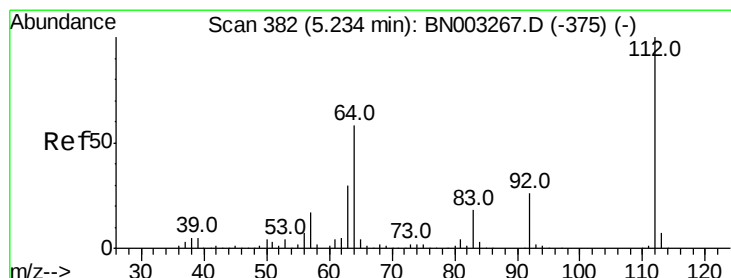
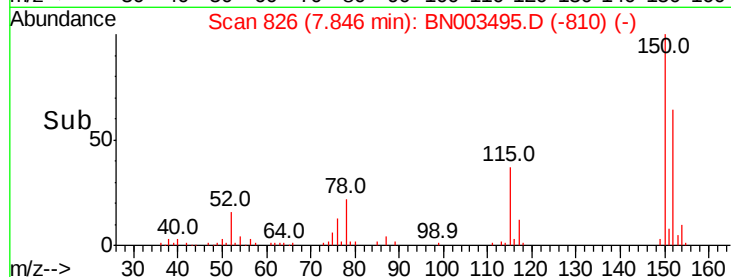
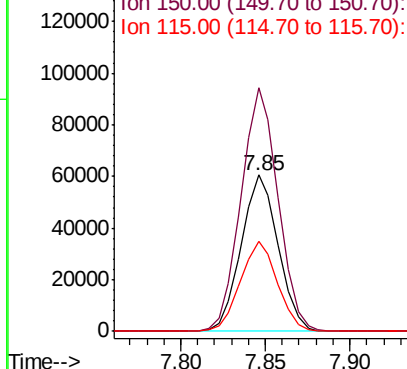
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BN003495.D
 Acq: 10 Nov 2018 04:44

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

Tot Ion:152 Resp: 92211
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.8 185.8
 115 57.4 45.9 68.9



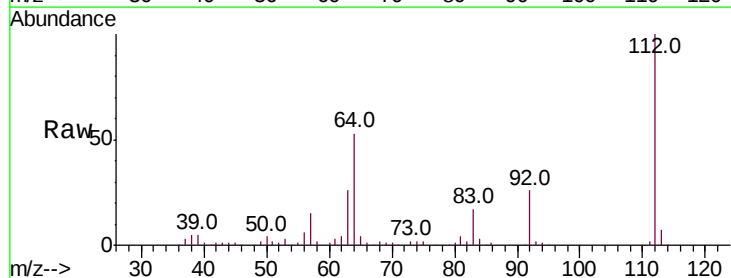
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



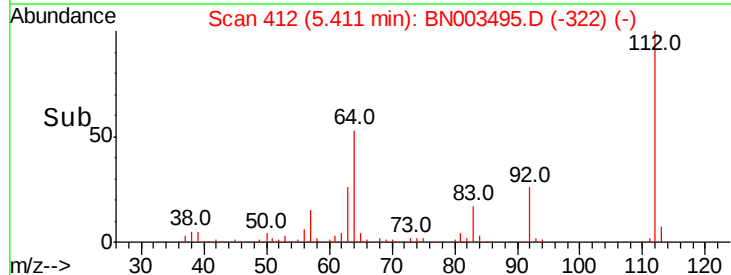
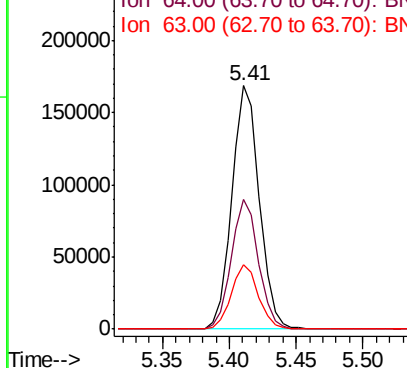
#5

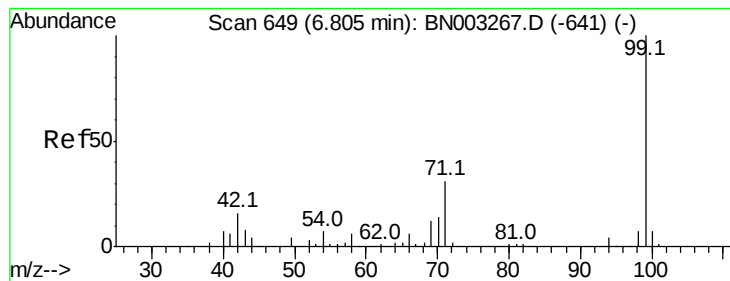
2-Fluorophenol
 Concen: 45.557 ng
 RT: 5.41 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BN003495.D
 Acq: 10 Nov 2018 04:44

Tgt Ion:112 Resp: 241184
 Ion Ratio Lower Upper
 112 100
 64 53.3 46.6 69.8
 63 26.3 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: 26.434 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003495.D

Acq: 10 Nov 2018 04:44

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-S

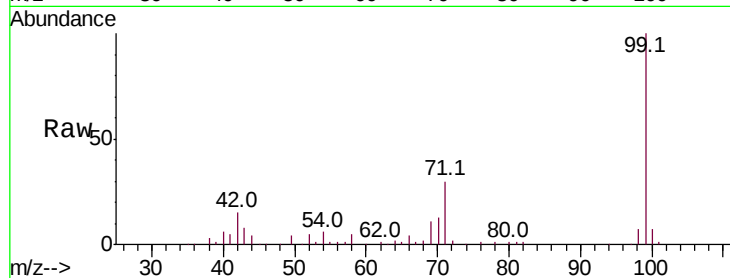
Tot Ion: 99 Resp: 198993

Ion Ratio Lower Upper

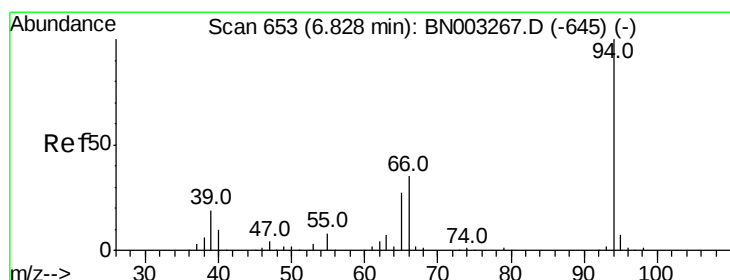
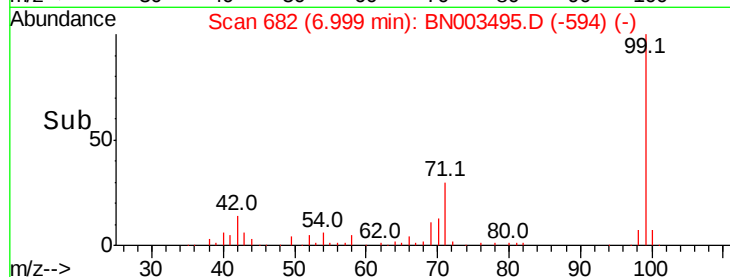
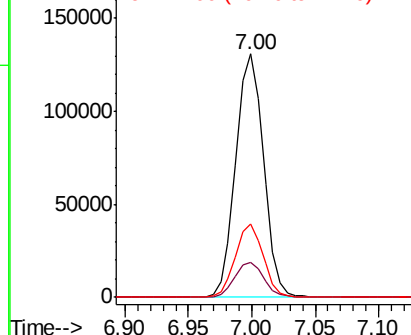
99 100

42 14.6 13.0 19.6

71 29.9 24.5 36.7



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



#10

Phenol

Concen: 3.832 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.01 min

Lab File: BN003495.D

Acq: 10 Nov 2018 04:44

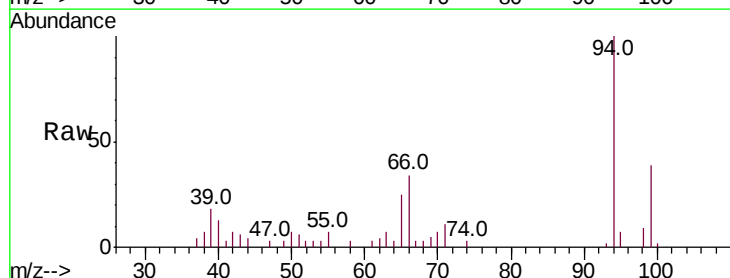
Tgt Ion: 94 Resp: 30439

Ion Ratio Lower Upper

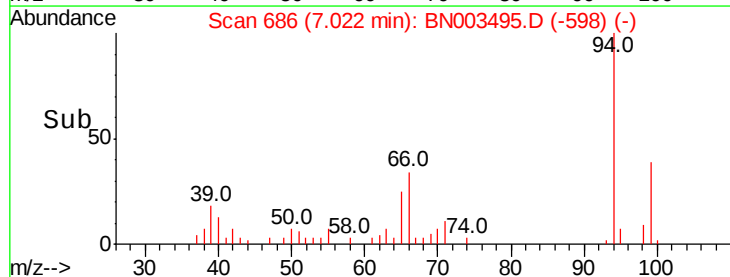
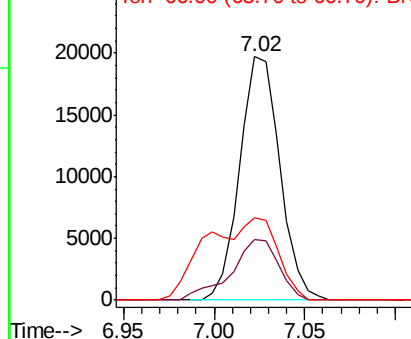
94 100

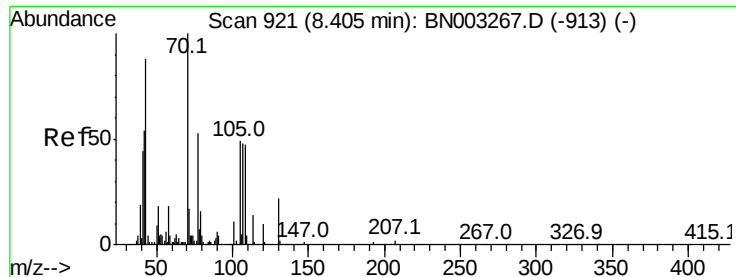
65 25.1 7.7 47.7

66 33.6 15.8 55.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 15.048 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003495.D

Acq: 10 Nov 2018 04:44

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-S

Tot Ion: 70 Resp: 81687

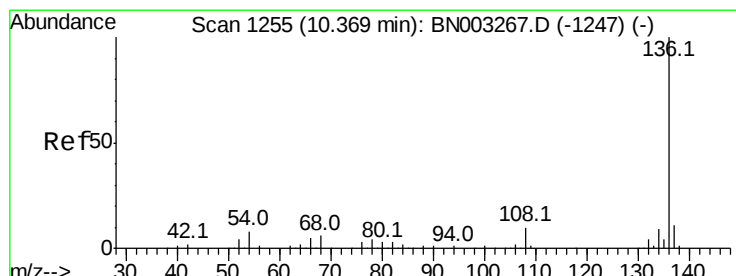
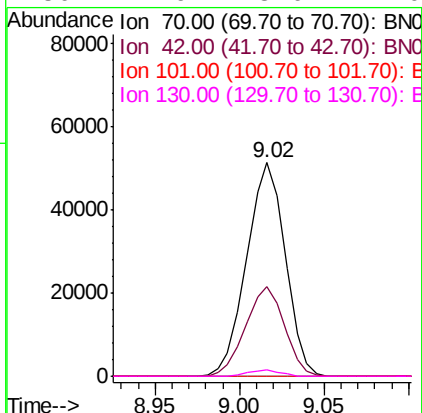
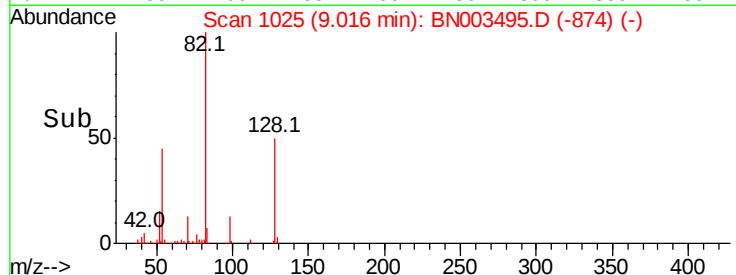
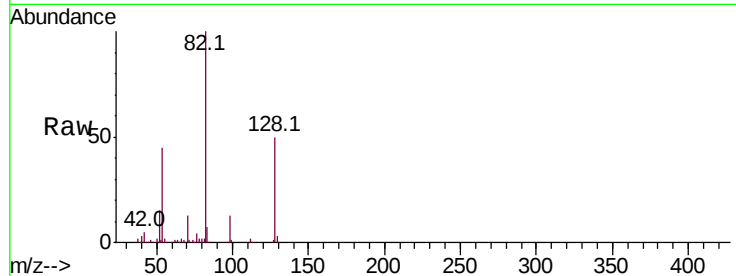
Ion Ratio Lower Upper

70 100

42 41.8 43.5 65.3#

101 0.0 8.6 12.8#

130 2.9 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: BN003495.D

Acq: 10 Nov 2018 04:44

Tgt Ion: 136 Resp: 416706

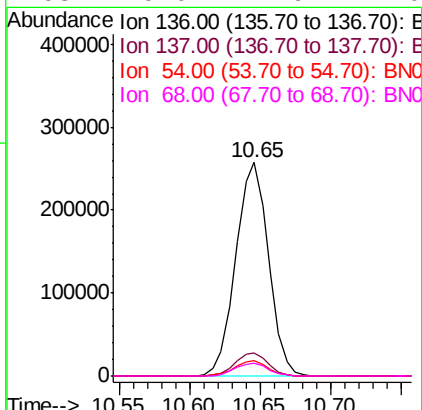
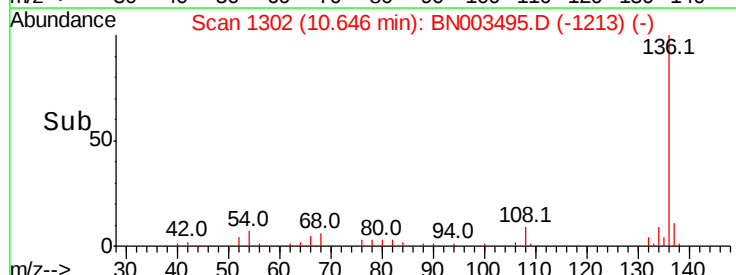
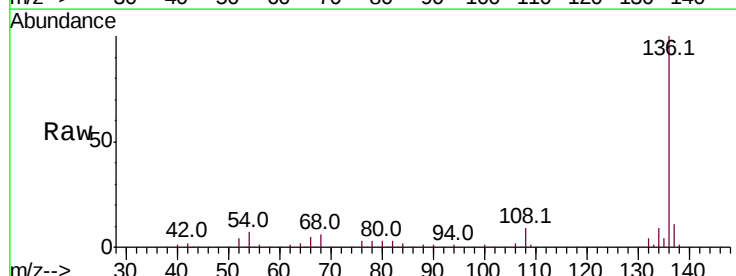
Ion Ratio Lower Upper

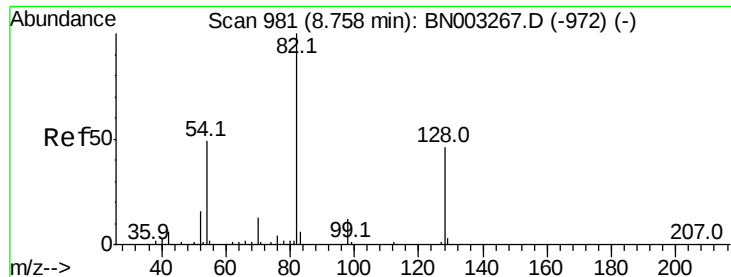
136 100

137 10.8 8.7 13.1

54 7.2 6.6 10.0

68 6.0 4.6 7.0

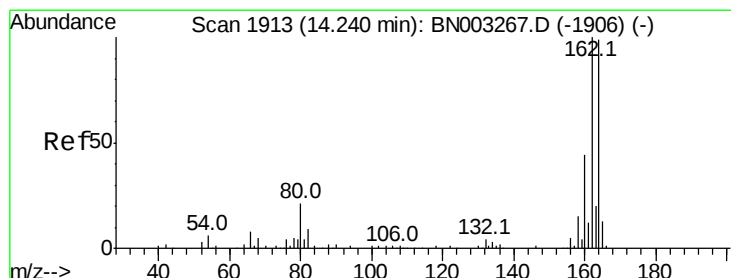
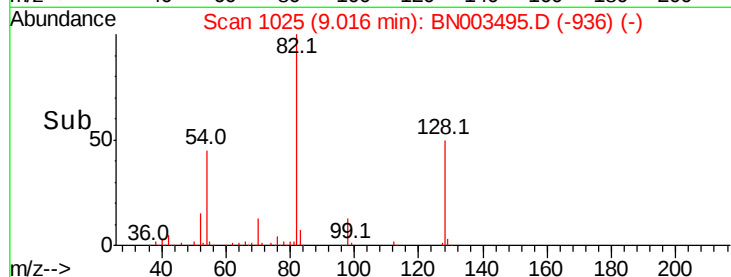
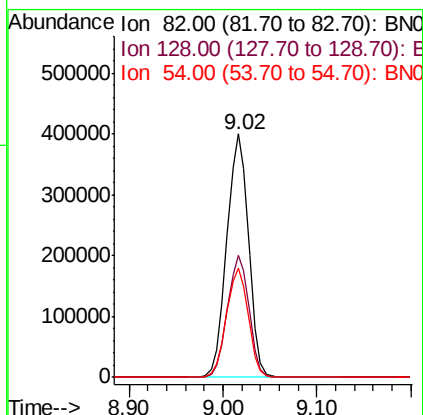
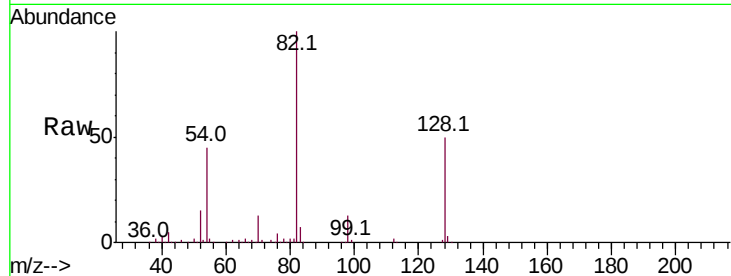




#23
Nitrobenzene-d5
Concen: 88.648 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003495.D
Acq: 10 Nov 2018 04:44

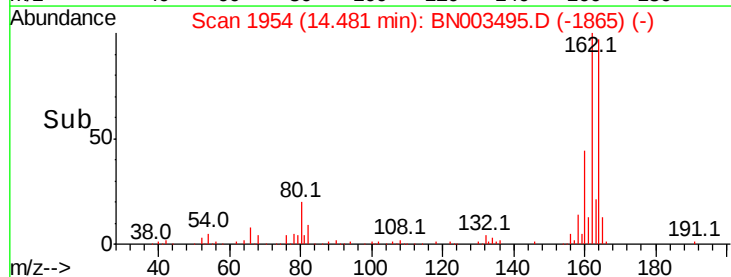
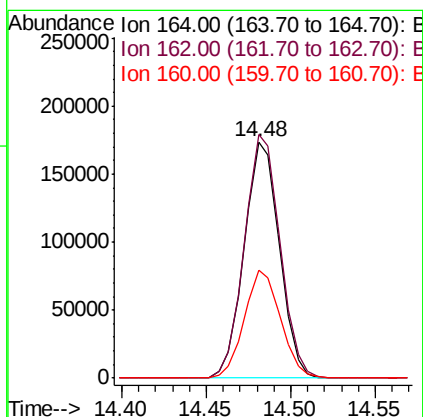
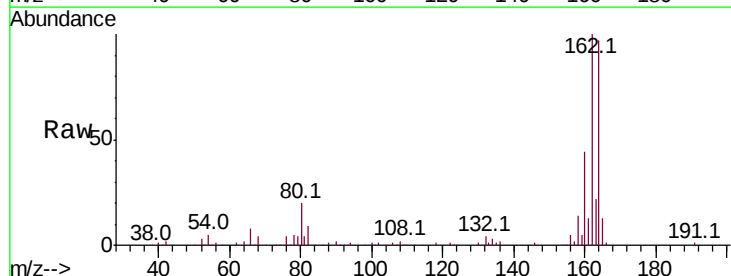
Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-U-S

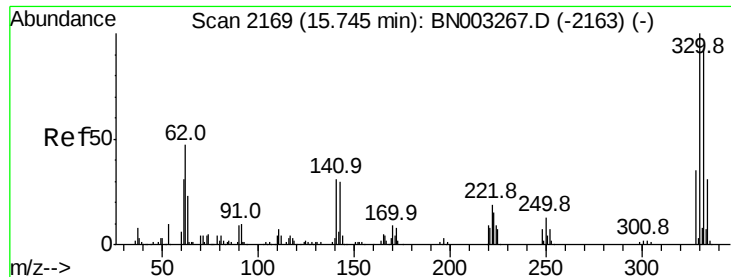
Tot Ion: 82 Resp: 644129
Ion Ratio Lower Upper
82 100
128 50.1 37.1 55.7
54 45.0 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003495.D
Acq: 10 Nov 2018 04:44

Tgt Ion:164 Resp: 252713
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.5 35.5 53.3

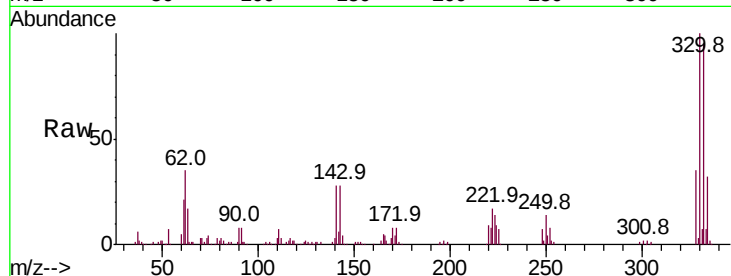




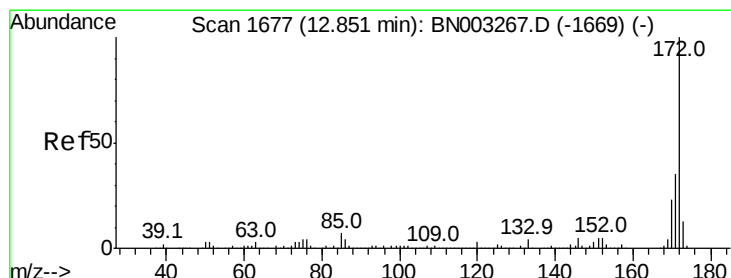
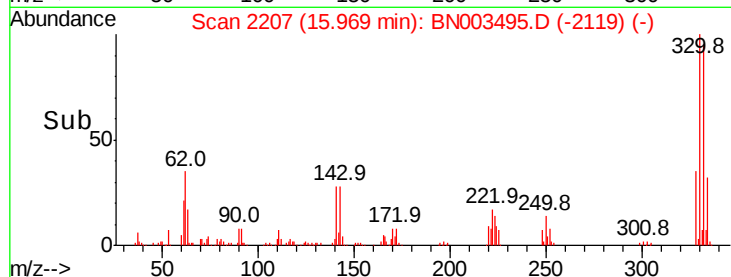
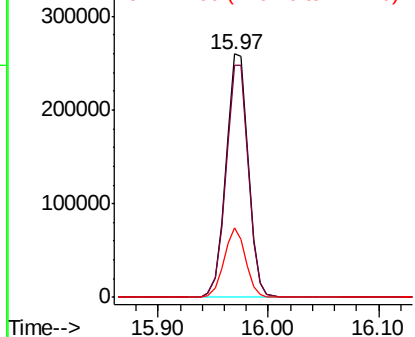
#42
 2,4,6-Tribromophenol
 Concen: 107.852 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003495.D
 Acq: 10 Nov 2018 04:44

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	27.4	24.5	36.7

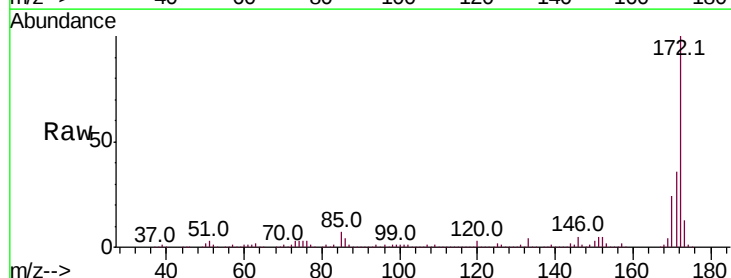


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

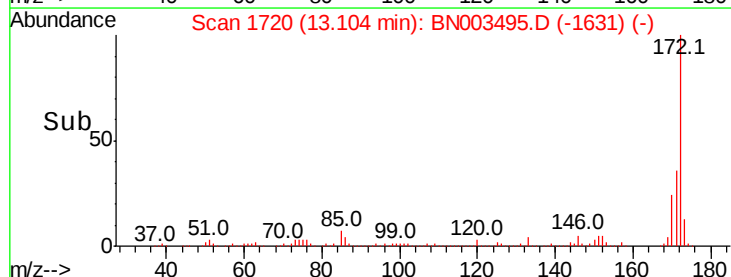
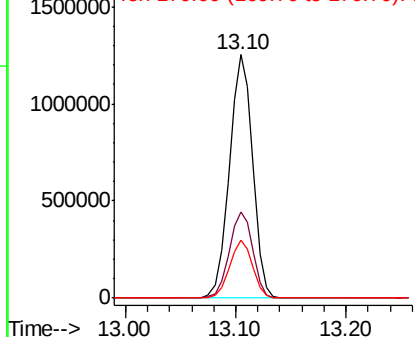


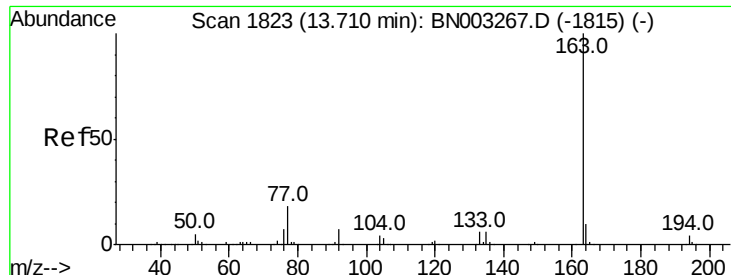
#45
 2-Fluorobiphenyl
 Concen: 98.949 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003495.D
 Acq: 10 Nov 2018 04:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

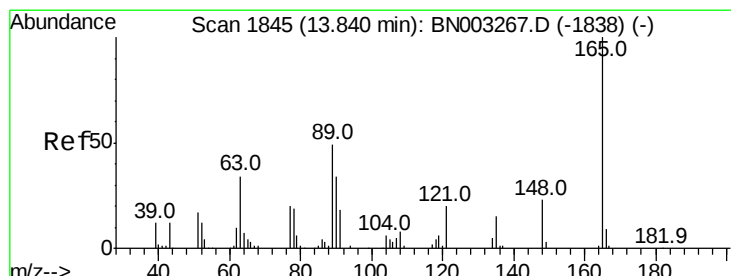
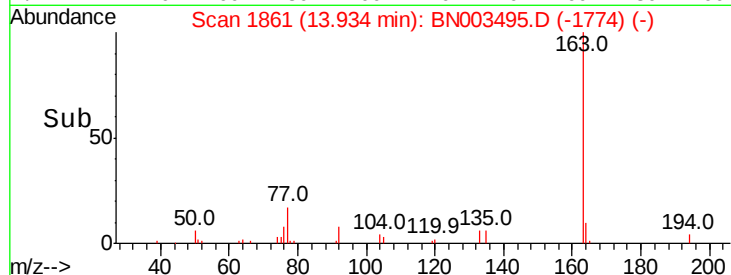
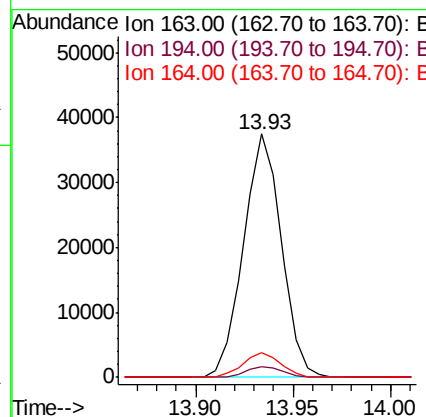
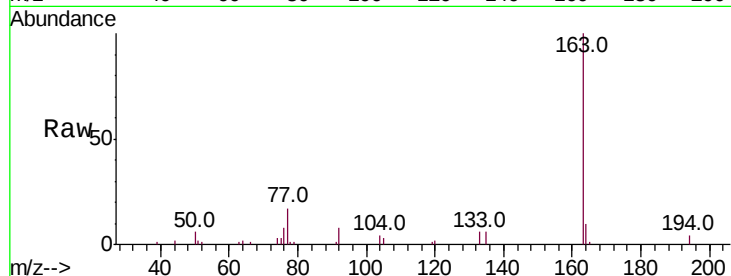




#50
Dimethylphthalate
Concen: 2.469 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003495.D
Acq: 10 Nov 2018 04:44

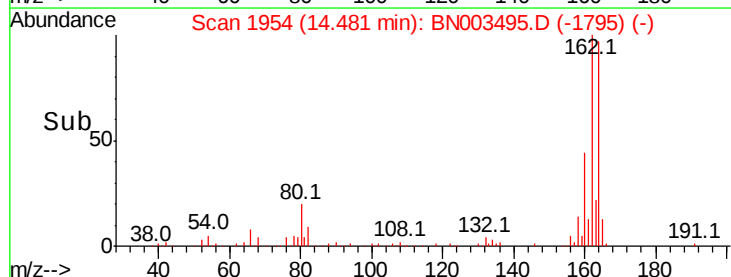
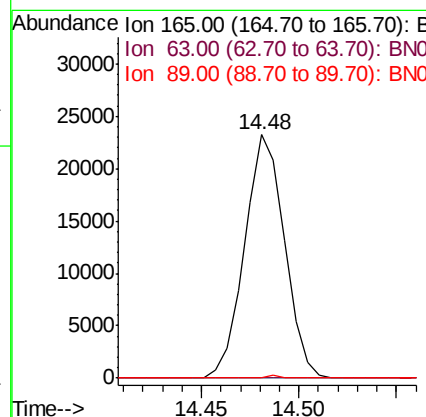
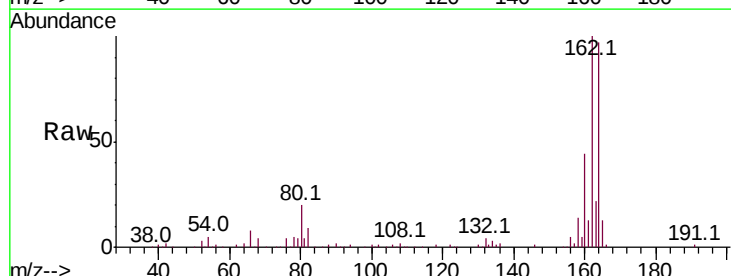
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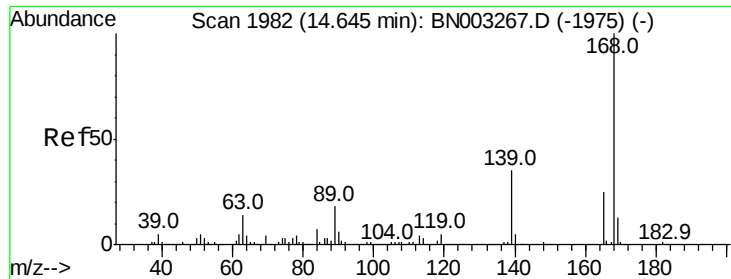
Tot Ion:163 Resp: 50444
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 7.087 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BN003495.D
Acq: 10 Nov 2018 04:44

Tgt Ion:165 Resp: 32868
Ion Ratio Lower Upper
165 100
63 0.0 39.2 58.8#
89 0.0 38.9 58.3#

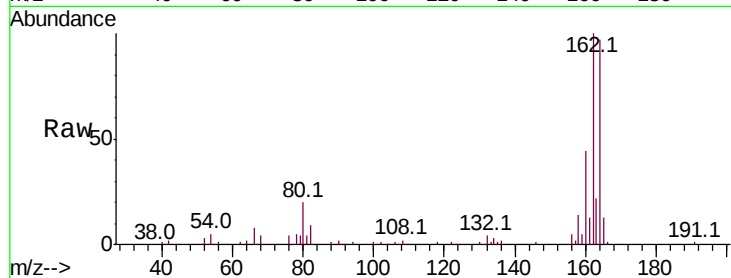




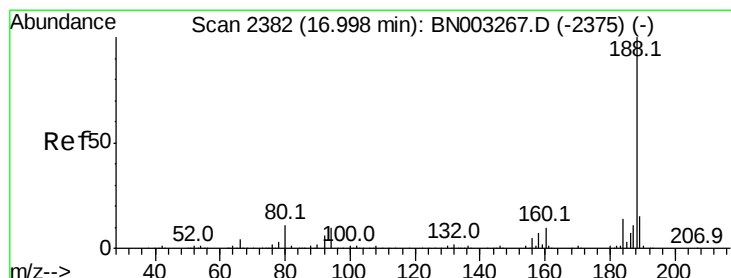
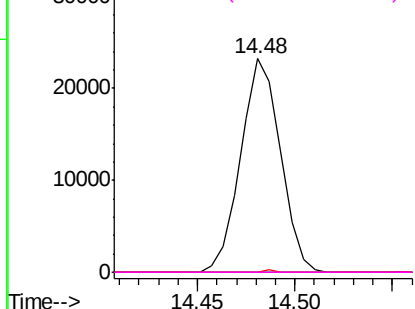
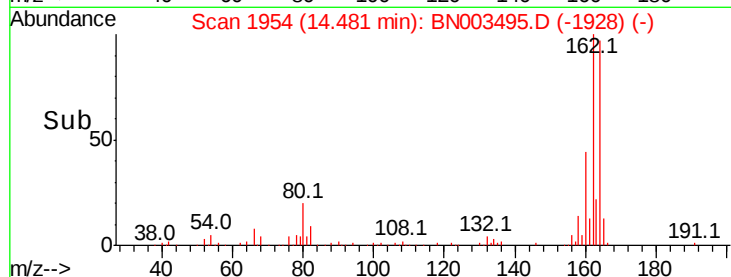
#57
 2,4-Dinitrotoluene
 Concen: 5.227 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003495.D
 Acq: 10 Nov 2018 04:44

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

Tot Ion:165 Resp: 32868
 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#

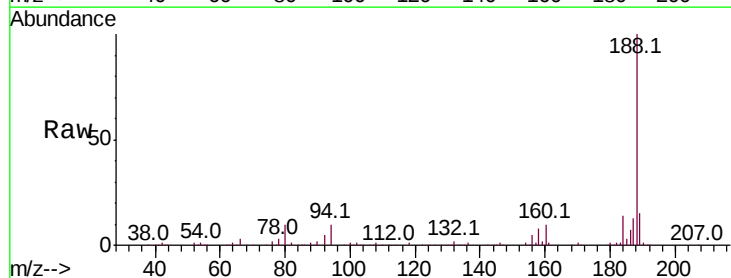


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

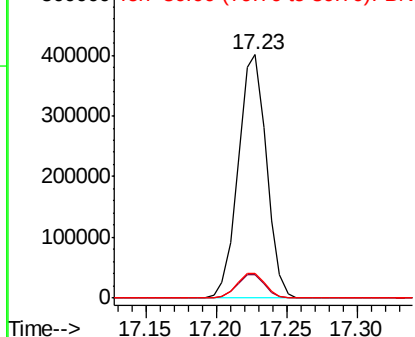
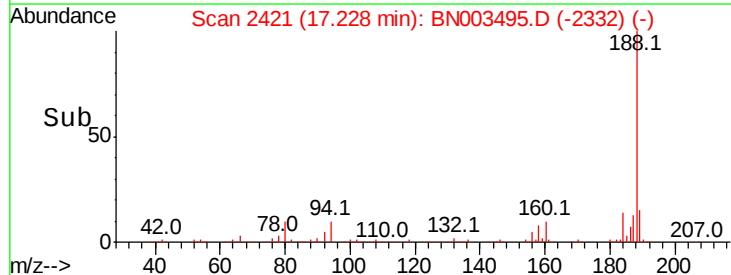


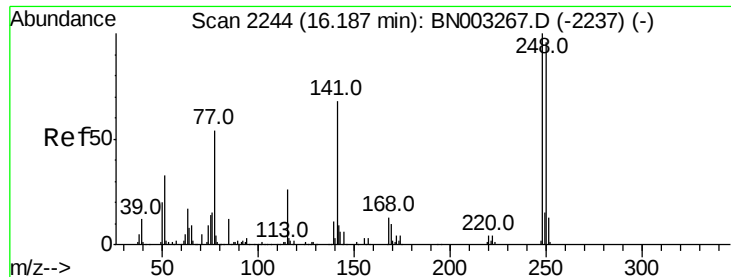
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003495.D
 Acq: 10 Nov 2018 04:44

Tgt Ion:188 Resp: 559837
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.3 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: 3.782 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.45 min

Lab File: BN003495.D

Acq: 10 Nov 2018 04:44

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-S

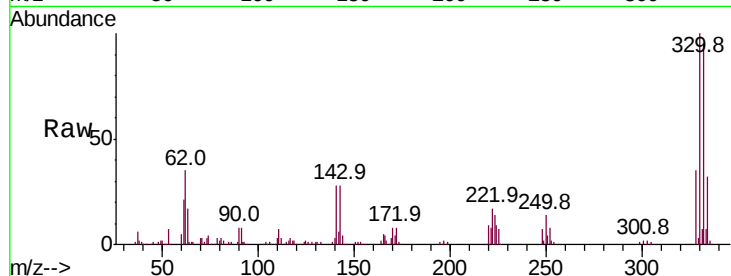
Tot Ion:248 Resp: 23847

Ion Ratio Lower Upper

248 100

250 196.8 76.4 114.6#

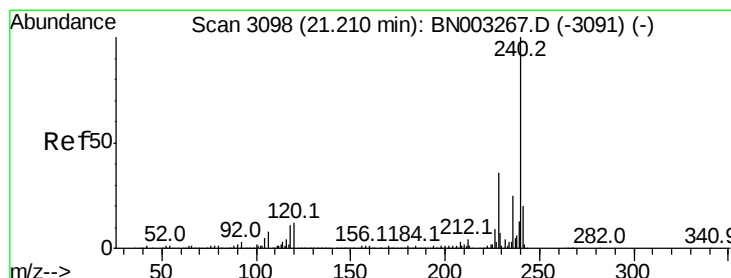
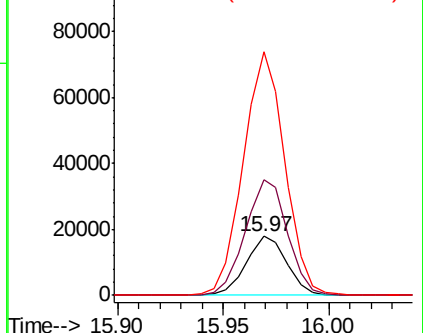
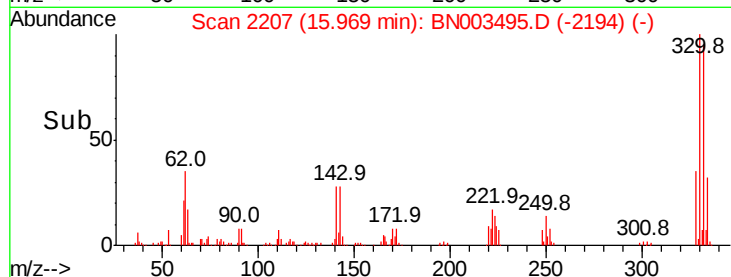
141 412.9 54.2 81.4#



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: BN003495.D

Acq: 10 Nov 2018 04:44

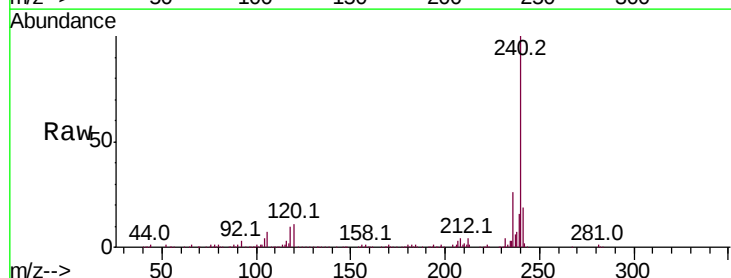
Tgt Ion:240 Resp: 452546

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.0

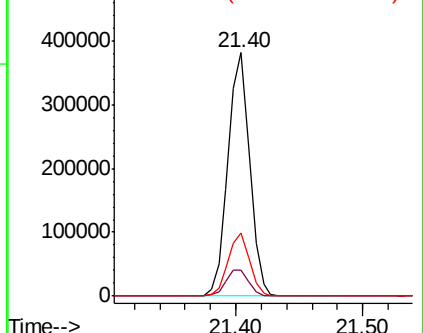
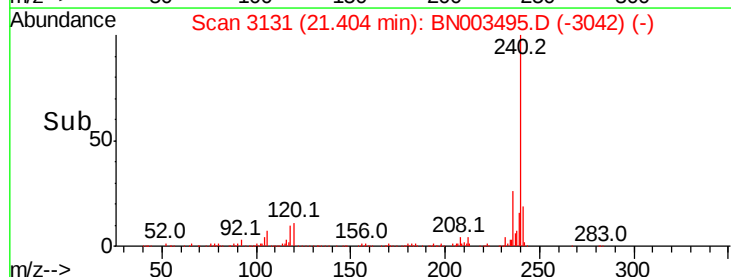
236 26.0 20.3 30.5

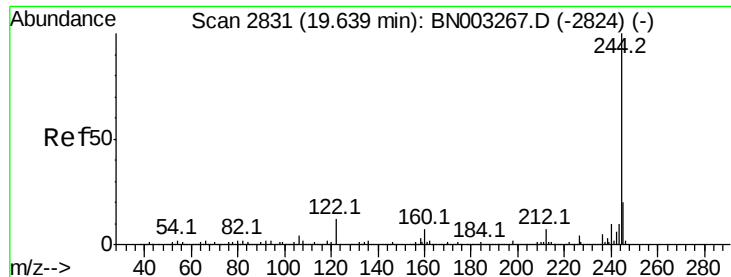


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.325 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003495.D

Acq: 10 Nov 2018 04:44

Instrument :

BNA_N

ClientSampleId :

110718-TIPC-F-U-S

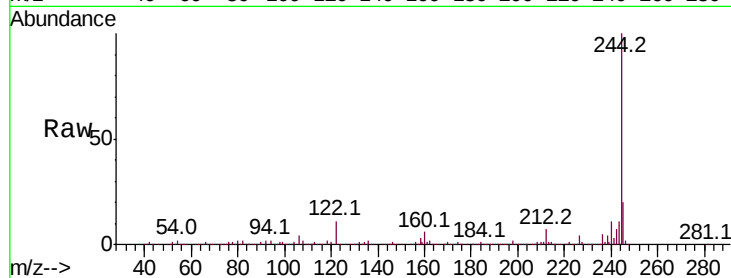
Tot Ion:244 Resp: 2186492

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

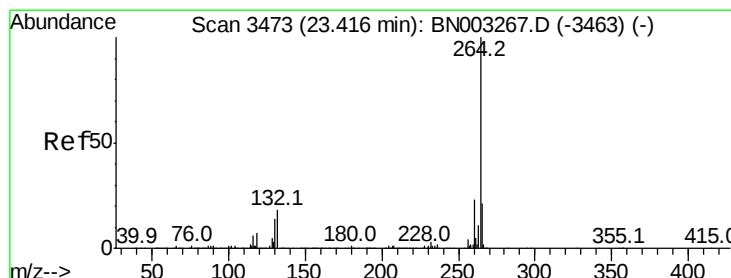
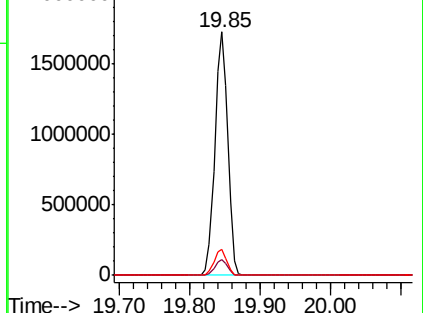
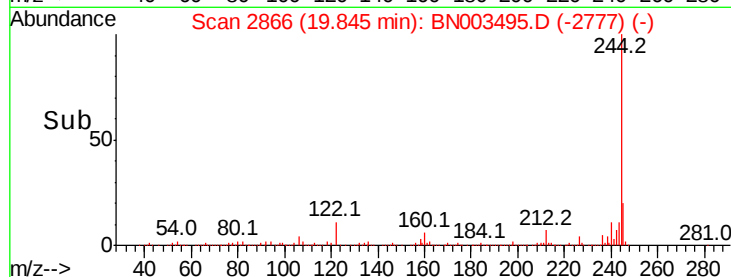
122 10.8 9.4 14.2



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: BN003495.D

Acq: 10 Nov 2018 04:44

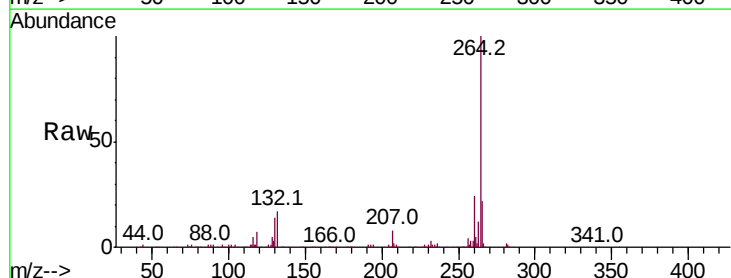
Tgt Ion:264 Resp: 430569

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.8 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

