

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
 Data File : BN003517.D
 Acq On : 13 Nov 2018 18:21
 Operator : MJ/SJ
 Sample : J5916-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110918-TIPC-F-U-S

Quant Time: Nov 14 01:10:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	86876	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	387261	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	230648	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	498153	20.00	ng	0.00
76) Chrysene-d12	21.40	240	399724	20.00	ng	0.00
87) Perylene-d12	23.72	264	402051	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	200663	41.66	ng	0.00
7) Phenol-d6	7.00	99	157648	23.60	ng	0.00
23) Nitrobenzene-d5	9.02	82	635869	103.36	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	338139	98.34	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1762308	101.98	ng	0.00
79) Terphenyl-d14	19.85	244	2047422	100.84	ng	0.00

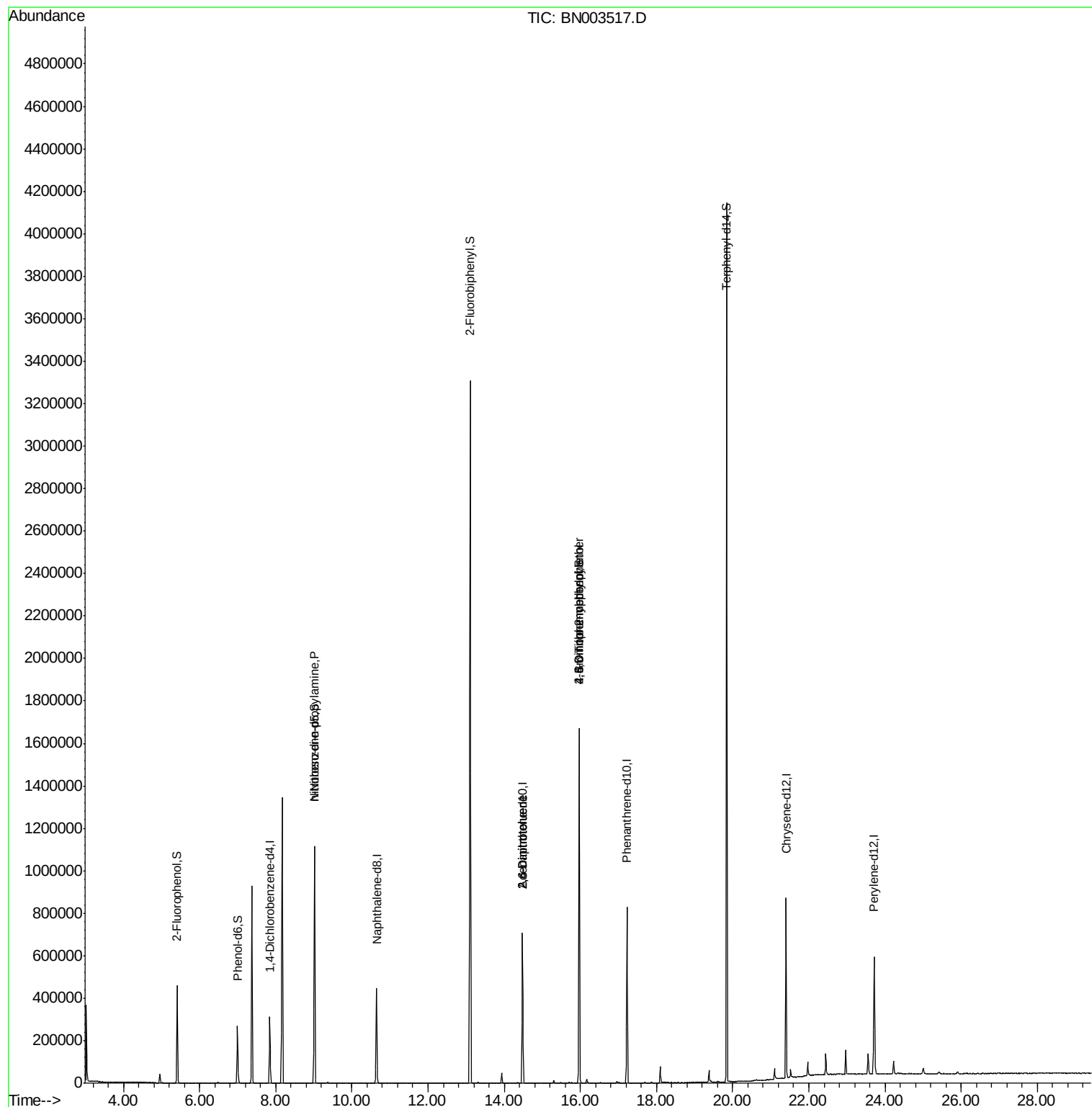
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.02	70	81310	18.078	ng	# 76
51) 2,6-Dinitrotoluene	14.48	165	29676	7.036	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	29676	5.206	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	503	5.068	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	21597	3.437	ng	# 1

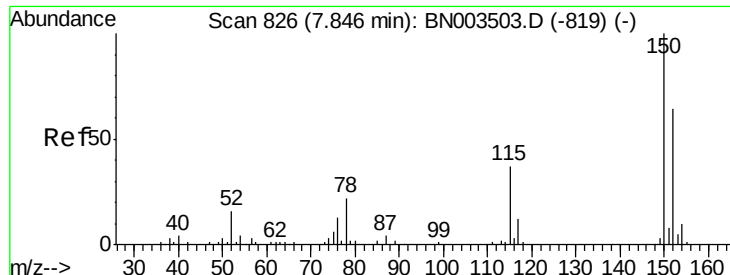
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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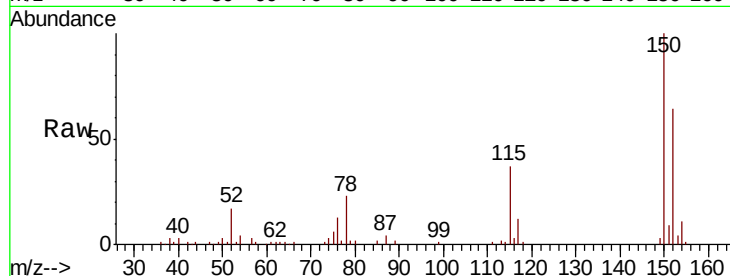




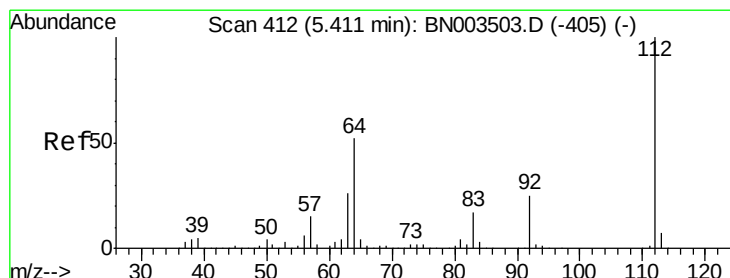
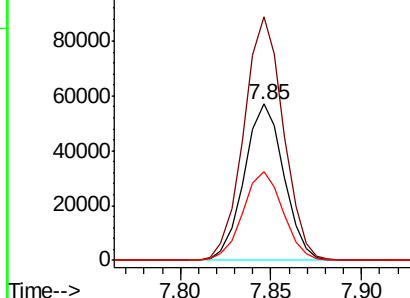
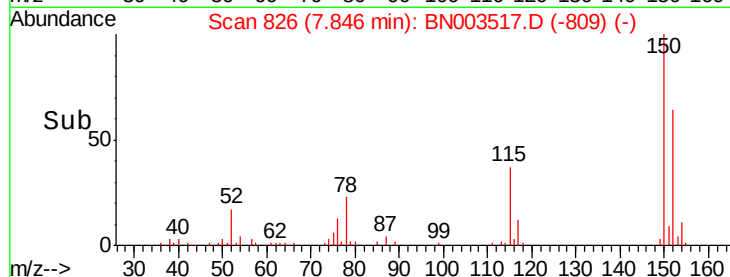
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Instrument :
 BNA_N
 ClientSampleId :
 110918-TIPC-F-U-S

Tgt Ion:152 Resp: 86876
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.4 188.0
 115 57.1 45.9 68.9

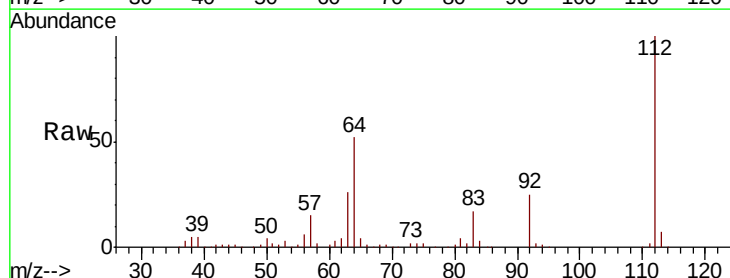


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

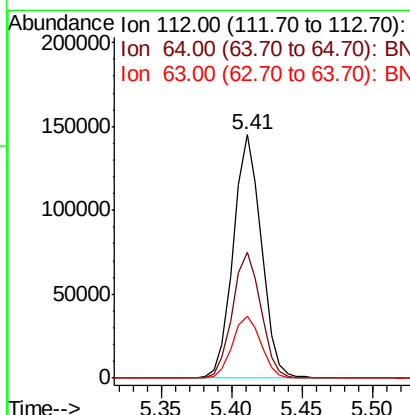
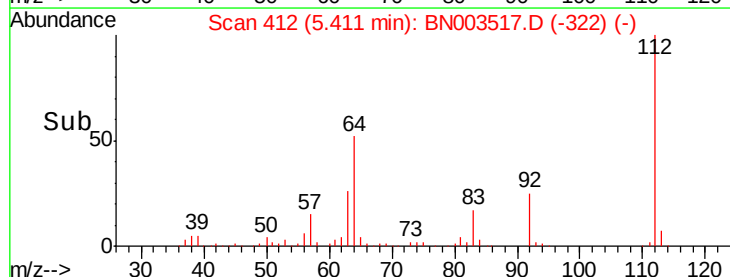


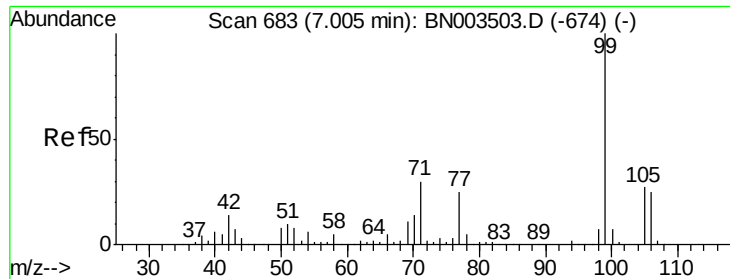
#5
 2-Fluorophenol
 Concen: 41.658 ng
 RT: 5.41 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Tgt Ion:112 Resp: 200663
 Ion Ratio Lower Upper
 112 100
 64 51.7 41.4 62.2
 63 25.6 20.5 30.7



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: 23.599 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003517.D

Acq: 13 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

110918-TIPC-F-U-S

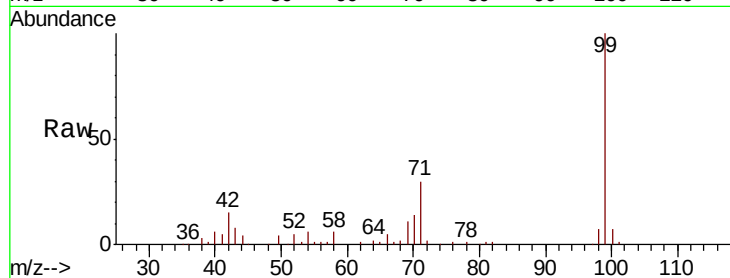
Tgt Ion: 99 Resp: 157648

Ion Ratio Lower Upper

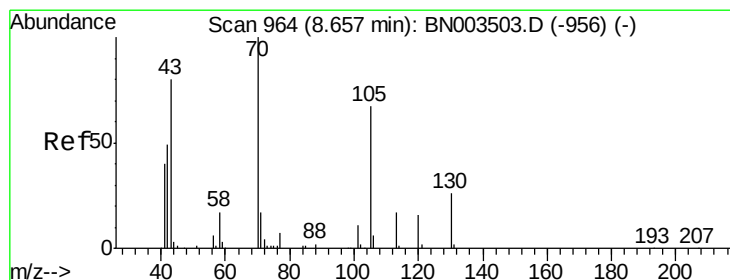
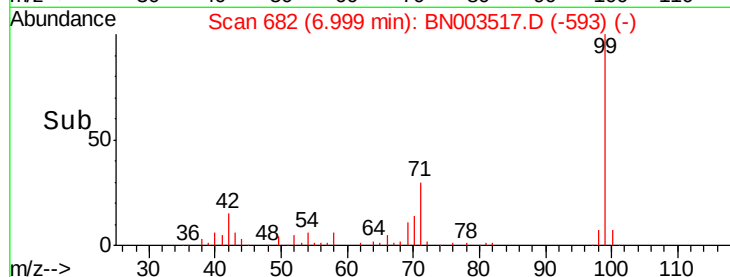
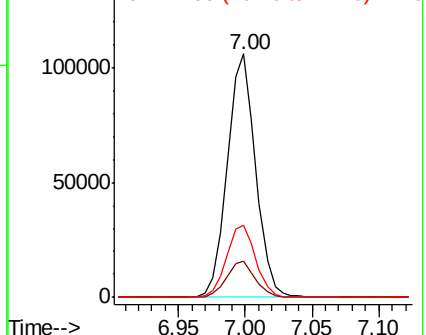
99 100

42 14.9 11.6 17.4

71 29.7 24.2 36.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.078 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003517.D

Acq: 13 Nov 2018 18:21

Tgt Ion: 70 Resp: 81310

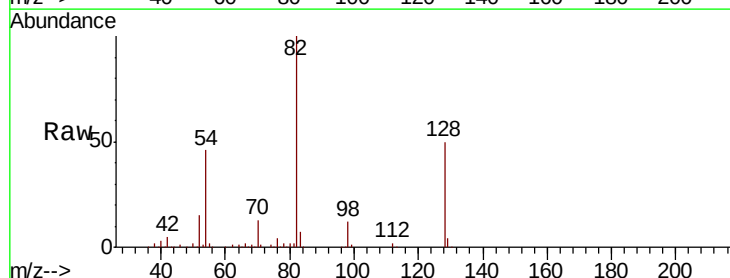
Ion Ratio Lower Upper

70 100

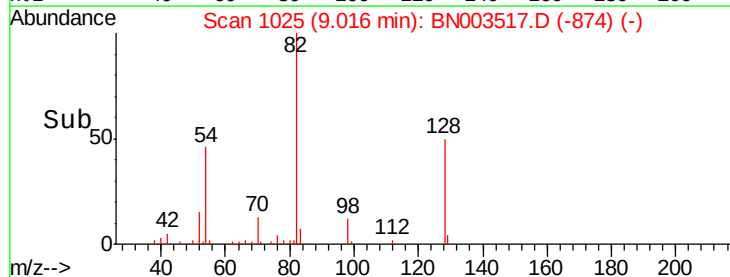
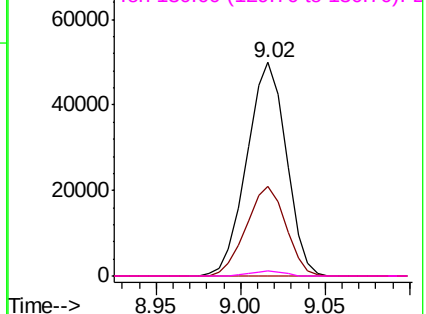
42 41.9 39.7 59.5

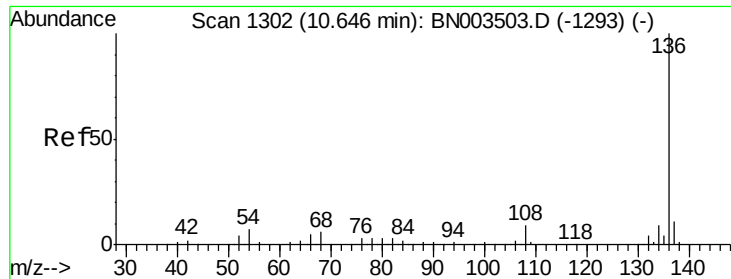
101 0.0 8.8 13.2#

130 2.6 20.8 31.2#



Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): BN0
Ion 130.00 (129.70 to 130.70): BN0

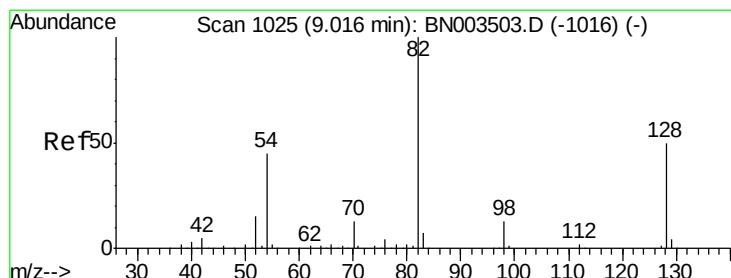
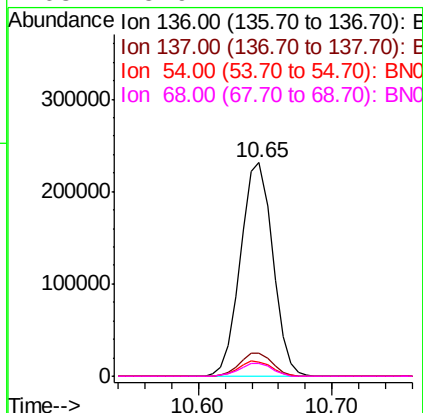
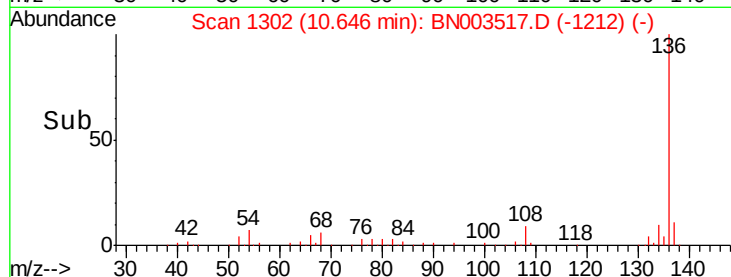
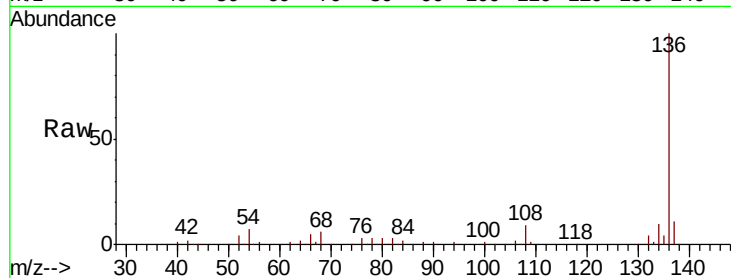




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003517.D
Acq: 13 Nov 2018 18:21

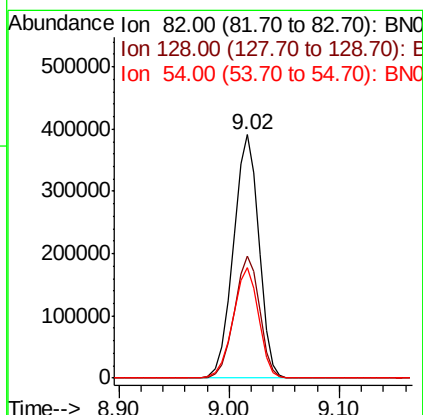
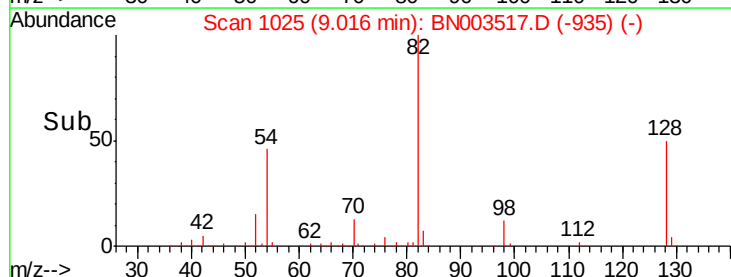
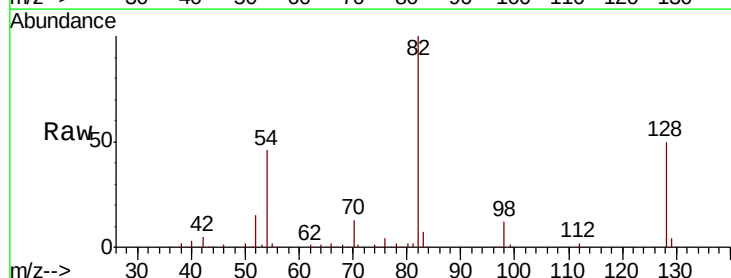
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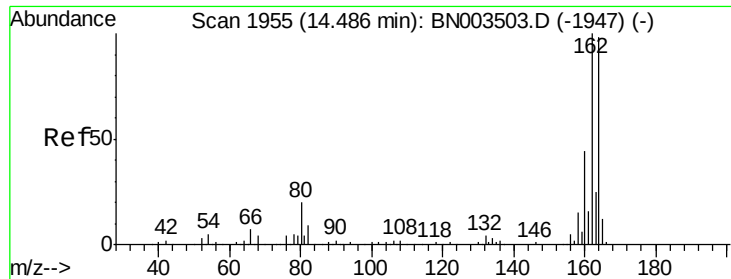
Tgt Ion:	136	Resp:	387261
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.7	8.5
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 103.357 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003517.D
Acq: 13 Nov 2018 18:21

Tgt Ion:	82	Resp:	635869
Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.0	60.0
54	45.6	36.1	54.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003517.D

Acq: 13 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

110918-TIPC-F-U-S

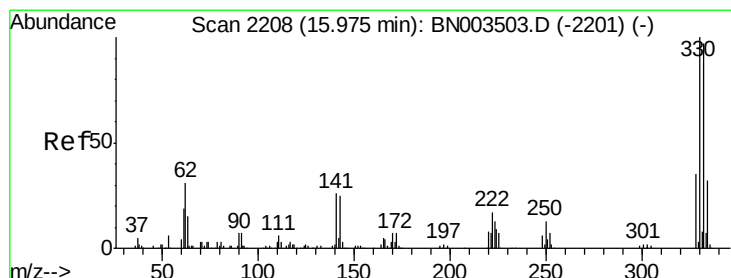
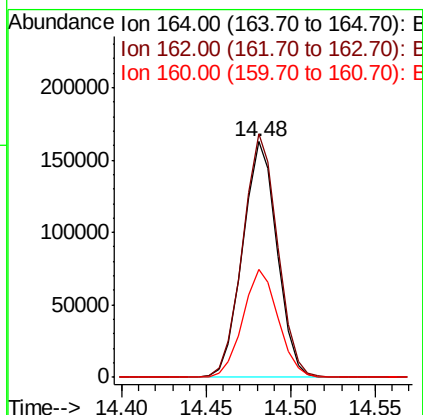
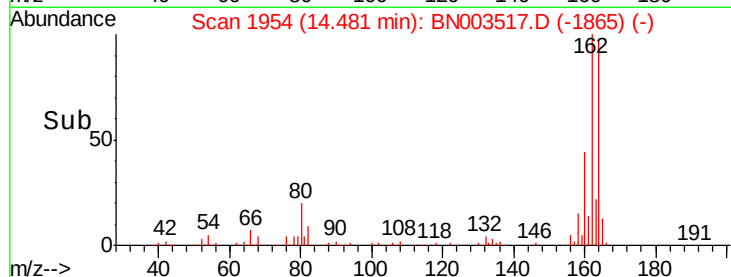
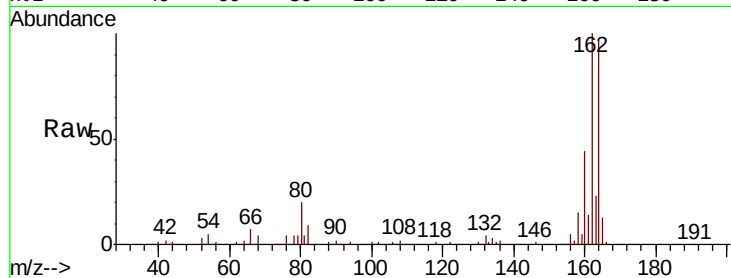
Tgt Ion:164 Resp: 230648

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

160 45.7 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 98.343 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003517.D

Acq: 13 Nov 2018 18:21

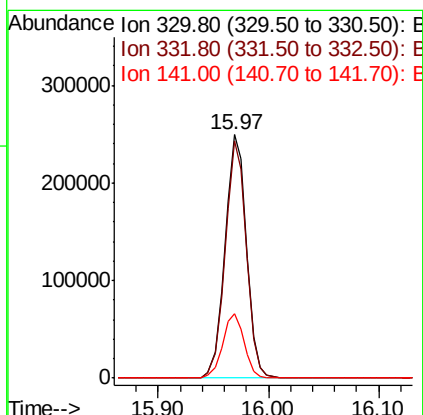
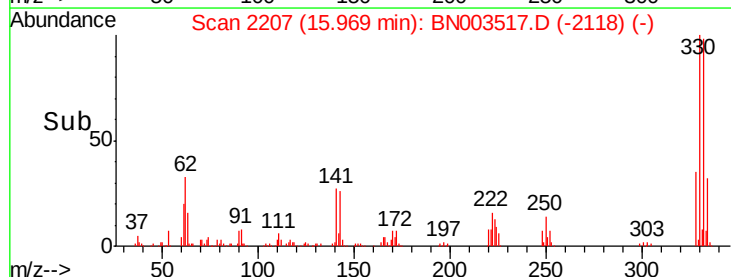
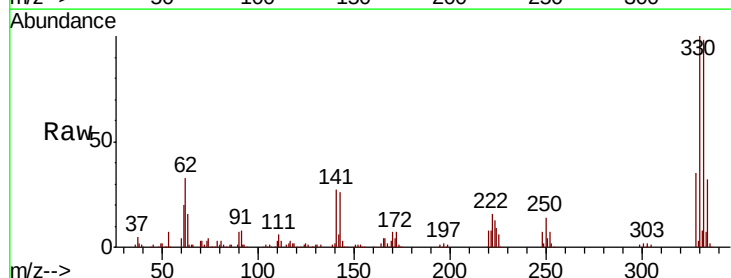
Tgt Ion:330 Resp: 338139

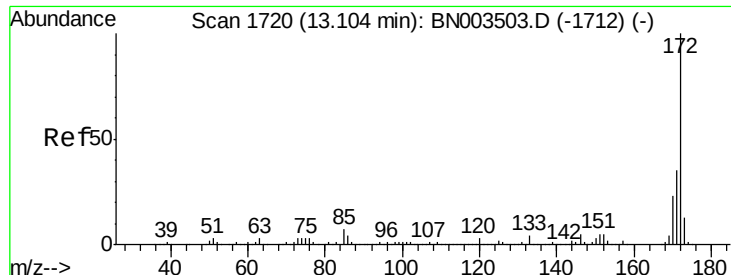
Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 26.6 21.6 32.4

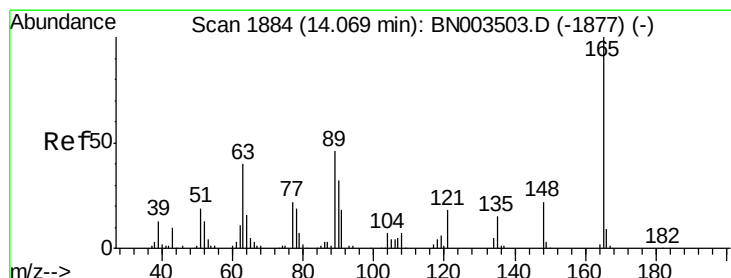
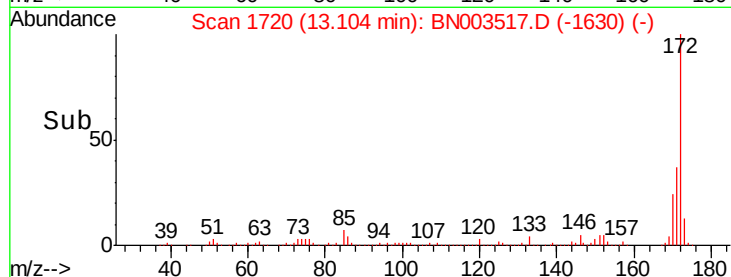
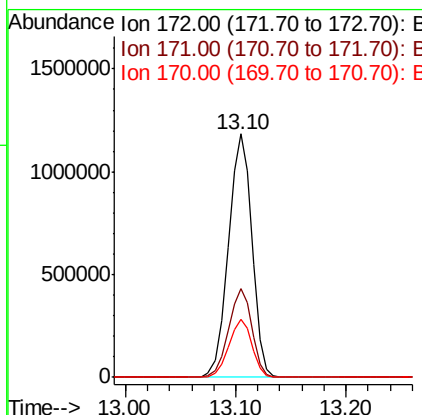
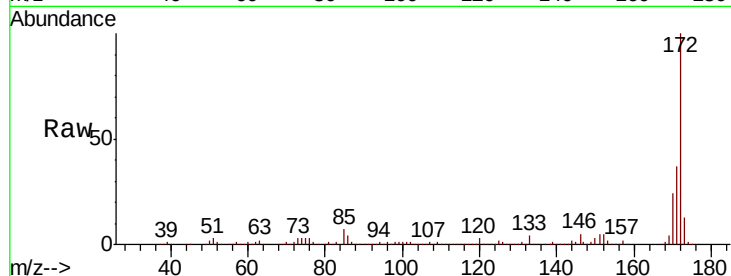




#45
 2-Fluorobiphenyl
 Concen: 101.984 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

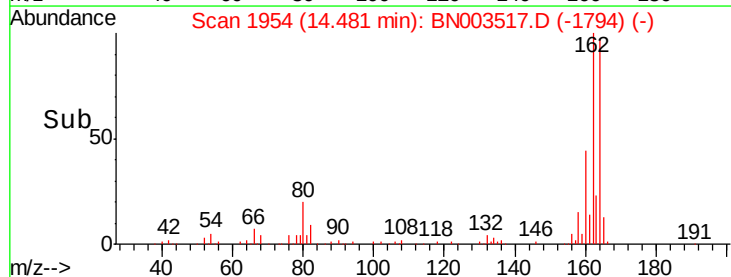
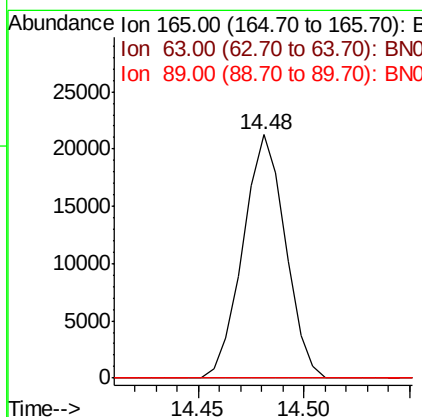
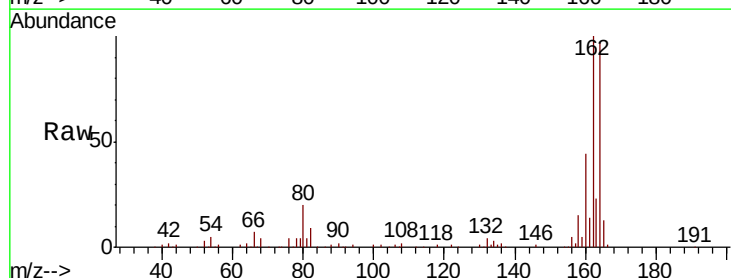
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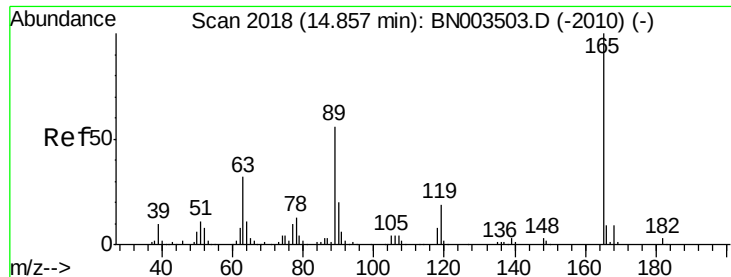
Tgt Ion:172 Resp: 1762308
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.3 42.5
 170 24.0 18.7 28.1



#51
 2,6-Dinitrotoluene
 Concen: 7.036 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. 0.41 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Tgt Ion:165 Resp: 29676
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 36.7 55.1#

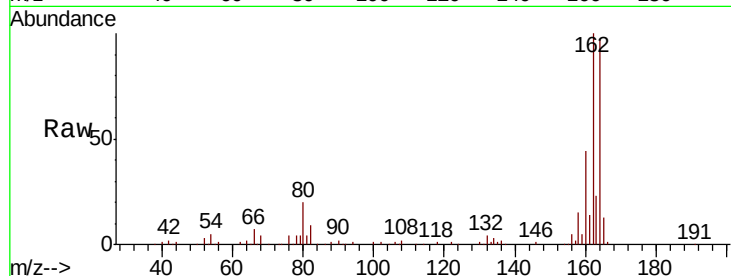




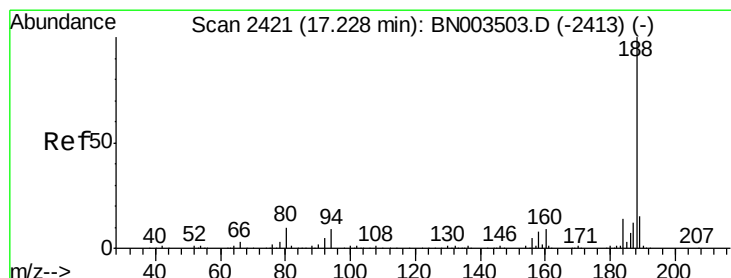
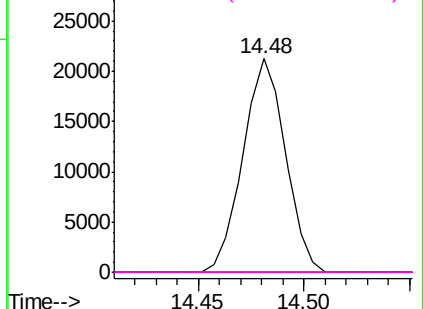
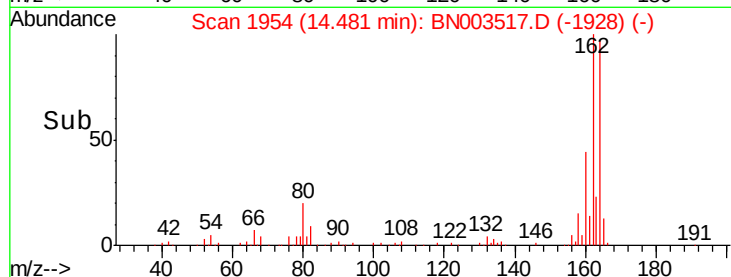
#57
 2,4-Dinitrotoluene
 Concen: 5.206 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Instrument :
 BNA_N
 ClientSampleId :
 110918-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	0.0	44.7	67.1#
182	0.0	2.6	3.8#

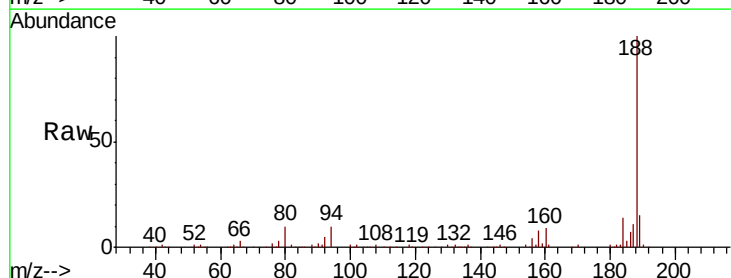


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

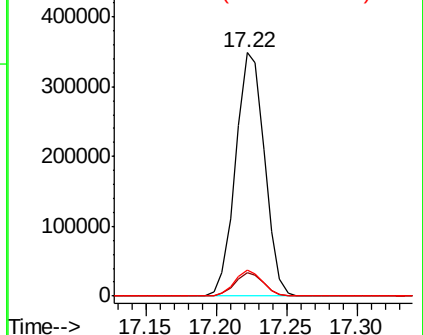
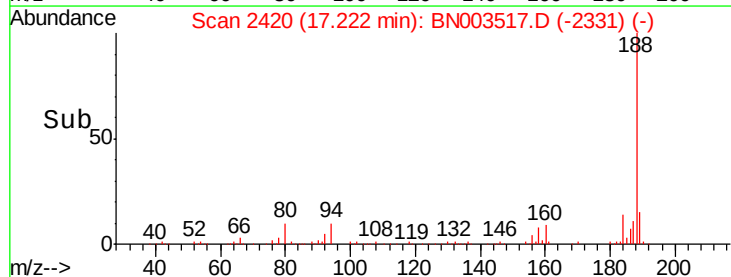


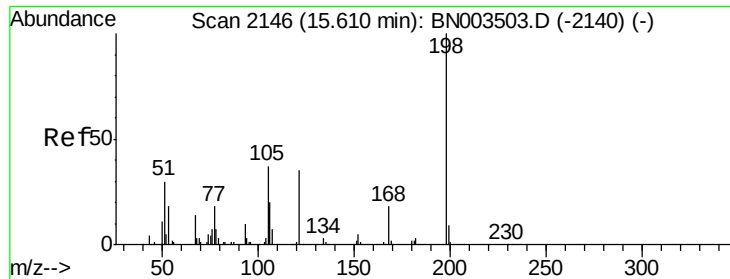
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	10.4	8.2	12.2



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

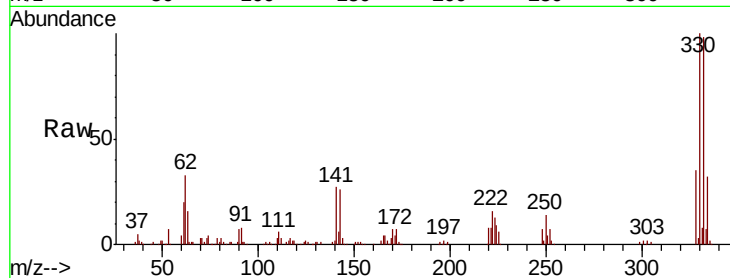




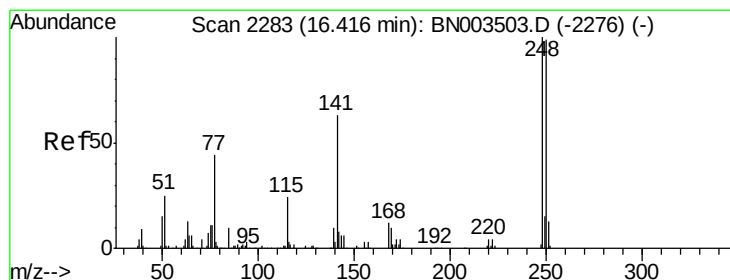
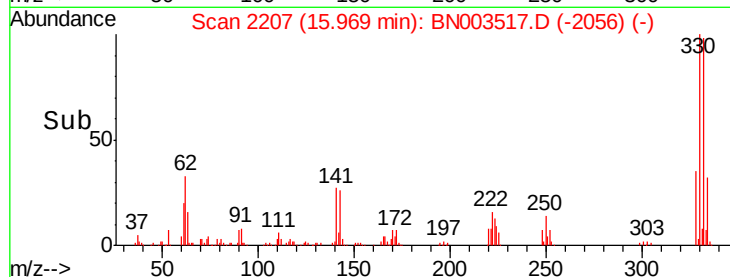
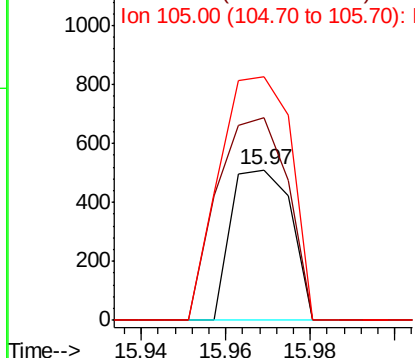
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.068 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. 0.36 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Instrument :
 BNA_N
 ClientSampleId :
 110918-TIPC-F-U-S

Tgt Ion:198 Resp: 503
 Ion Ratio Lower Upper
 198 100
 51 135.1 13.8 53.8#
 105 162.0 18.3 58.3#

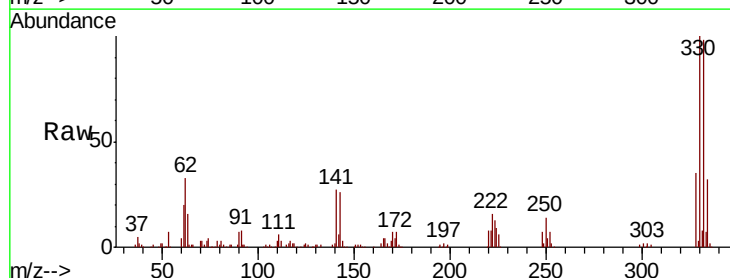


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

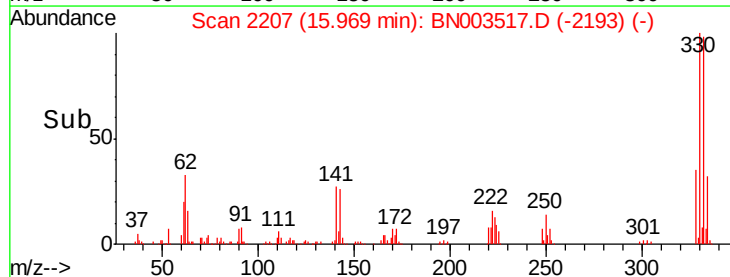
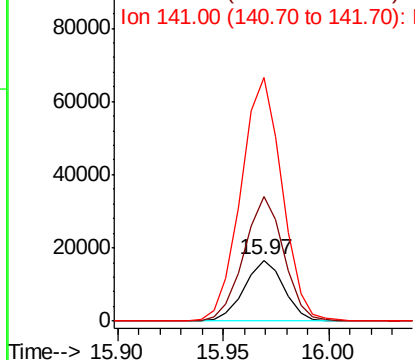


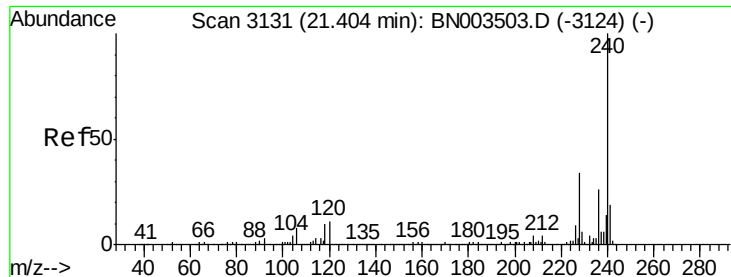
#67
 4-Bromophenyl-phenylether
 Concen: 3.437 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.45 min
 Lab File: BN003517.D
 Acq: 13 Nov 2018 18:21

Tgt Ion:248 Resp: 21597
 Ion Ratio Lower Upper
 248 100
 250 204.3 79.0 118.6#
 141 400.2 50.7 76.1#



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# 3130

Delta R.T. -0.01 min

Lab File: BN003517.D

Acq: 13 Nov 2018 18:21

Instrument :

BNA_N

ClientSampleId :

110918-TIPC-F-U-S

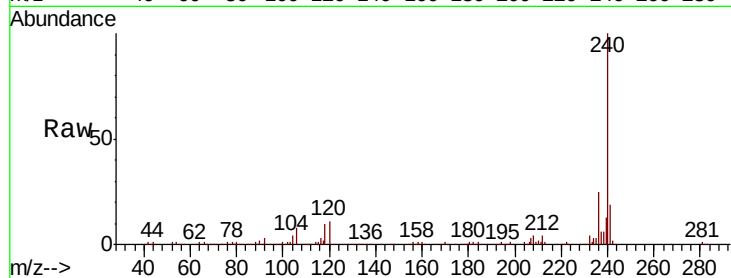
Tgt Ion:240 Resp: 399724

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

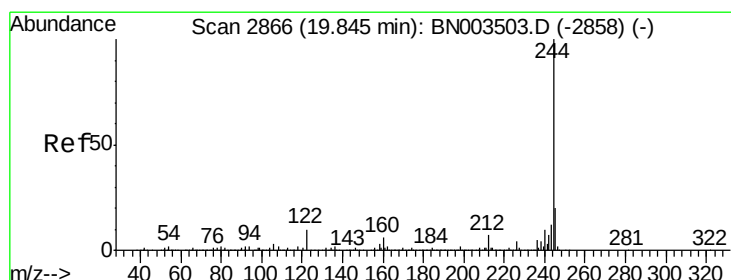
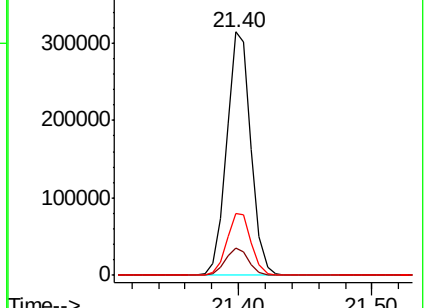
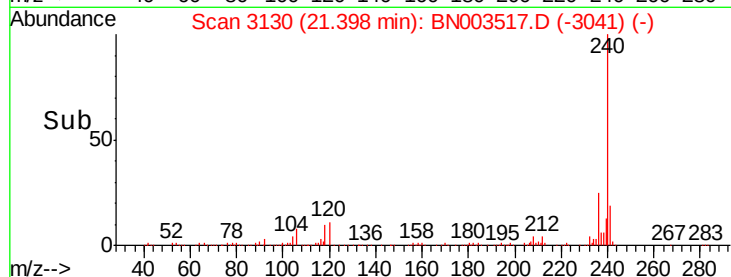
236 25.4 20.6 30.8



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: 100.840 ng

RT: 19.85 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BN003517.D

Acq: 13 Nov 2018 18:21

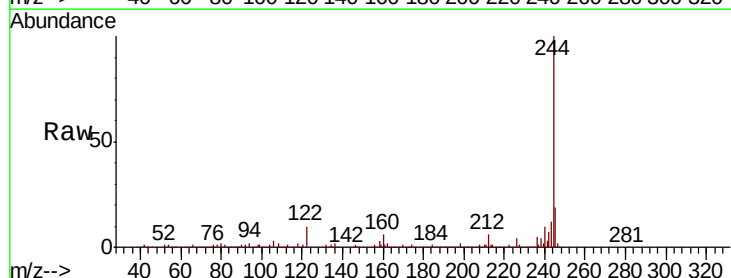
Tgt Ion:244 Resp: 2047422

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

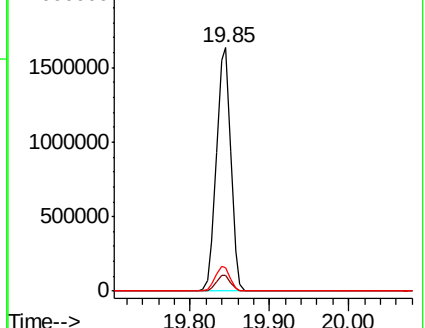
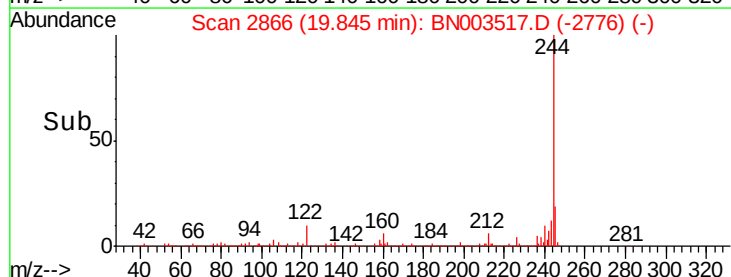
122 9.7 8.2 12.2

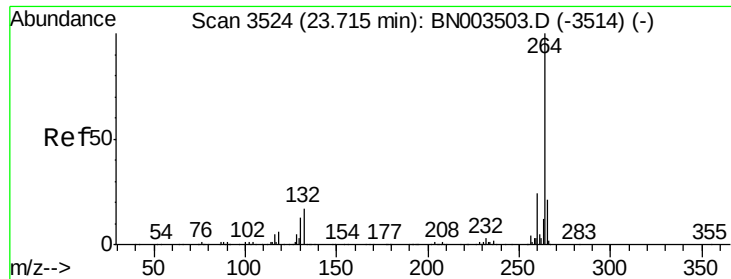


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BN003517.D
Acq: 13 Nov 2018 18:21

Instrument :
BNA_N
ClientSampleId :
110918-TIPC-F-U-S

Tgt Ion:264 Resp: 402051
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.7 17.2 25.8

