

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
 Data File : BN005067.D
 Acq On : 03 Apr 2019 18:53
 Operator : JU/SJ
 Sample : PB118575BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118575BL

Quant Time: Apr 04 04:29:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

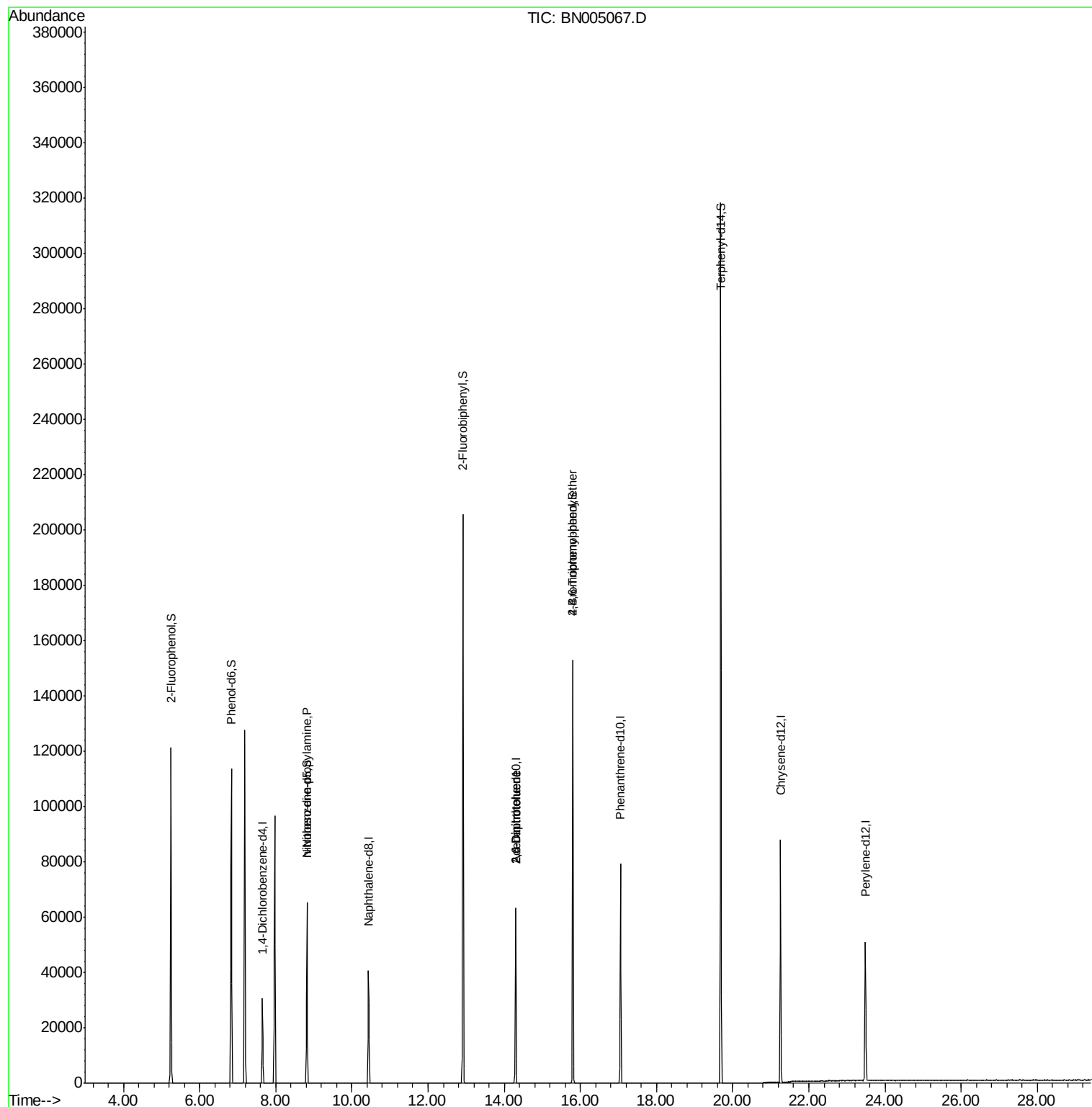
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	9500	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	38773	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	22244	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	49553	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	46257	20.00	ng	-0.02
87) Perylene-d12	23.49	264	43058	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	55118	100.31	ng	-0.02
7) Phenol-d6	6.83	99	70544	96.79	ng	-0.02
23) Nitrobenzene-d5	8.82	82	38892	60.68	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	35616	99.28	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	110484	65.82	ng	-0.02
79) Terphenyl-d14	19.69	244	159620	66.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	4842	10.135	ng	# 76
51) 2,6-Dinitrotoluene	14.30	165	2731	6.567	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2731	4.832	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	1961	3.171	ng	# 1

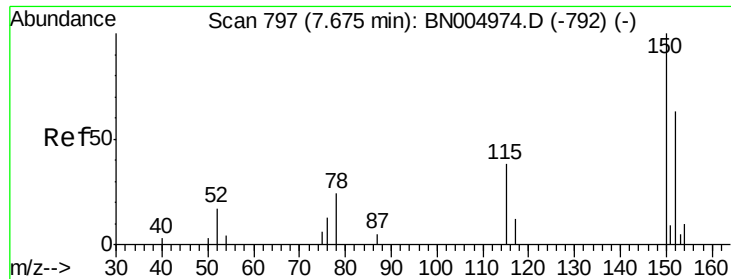
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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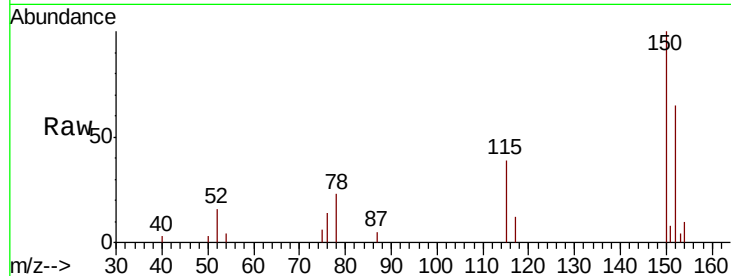


#1

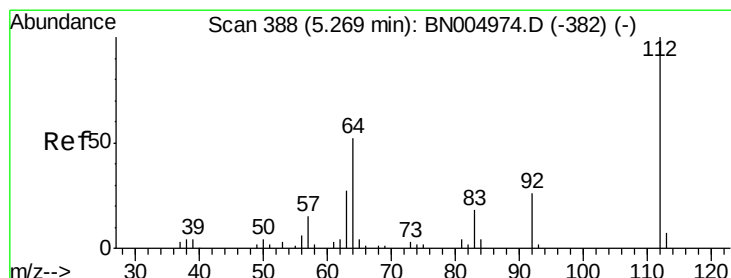
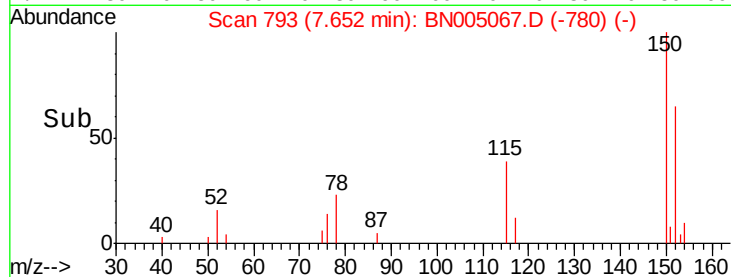
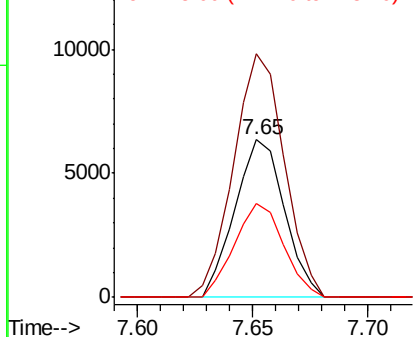
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB118575BL

Tgt Ion:152 Resp: 9500
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 59.9 47.8 71.6



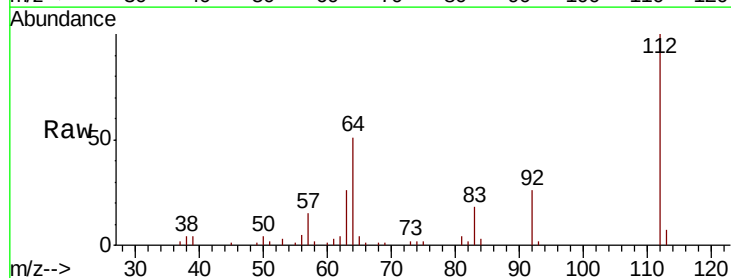
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



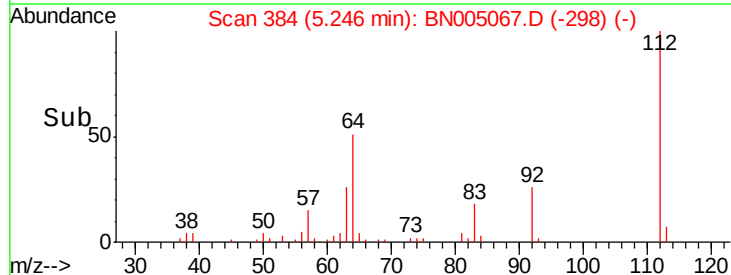
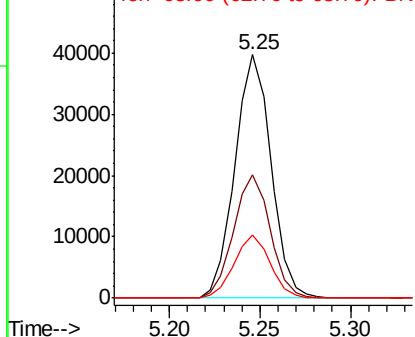
#5

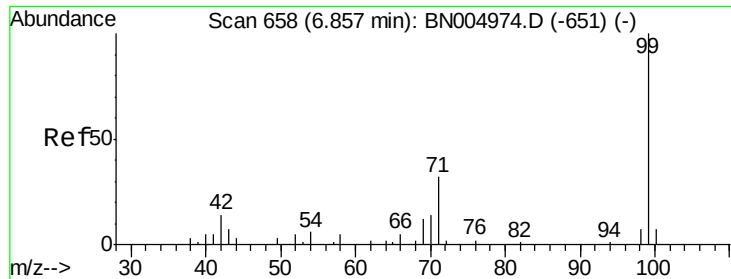
2-Fluorophenol
Concen: 100.309 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Tgt Ion:112 Resp: 55118
Ion Ratio Lower Upper
112 100
64 50.8 41.9 62.9
63 26.0 21.4 32.0



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: 96.794 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB118575BL

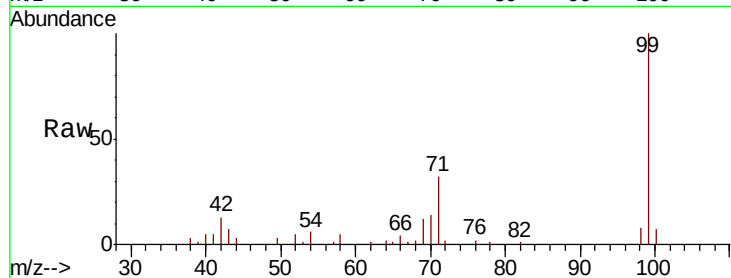
Tgt Ion: 99 Resp: 70544

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

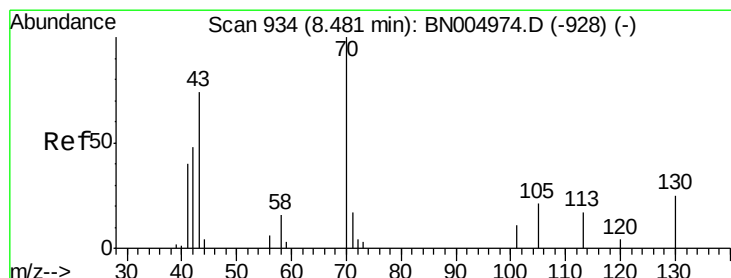
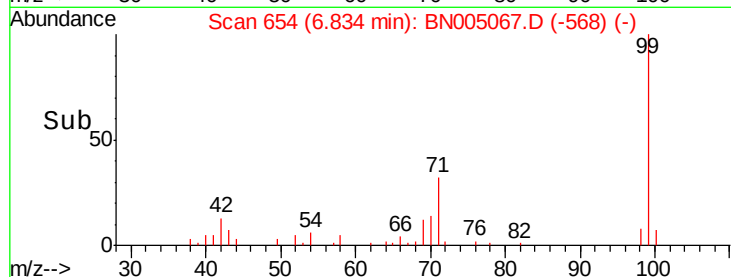
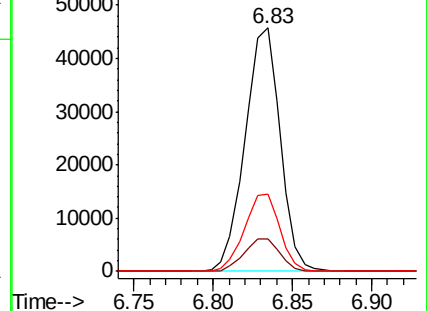
71 31.9 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 10.135 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Tgt Ion: 70 Resp: 4842

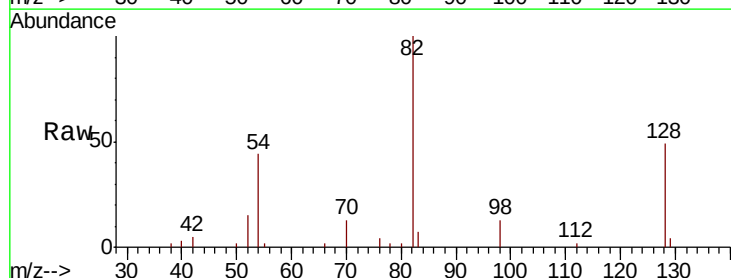
Ion Ratio Lower Upper

70 100

42 41.2 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

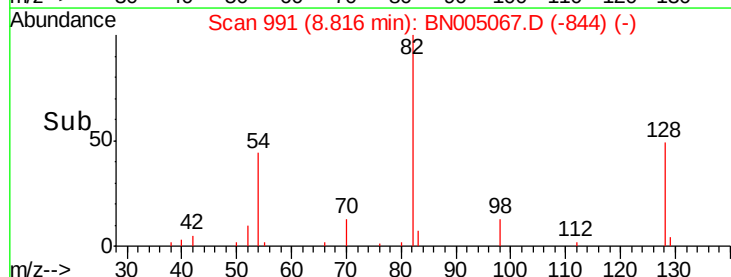
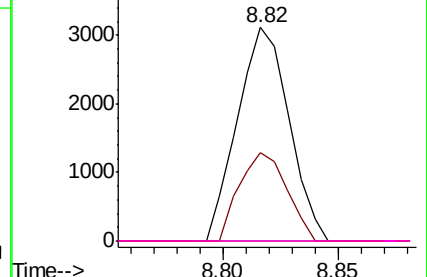


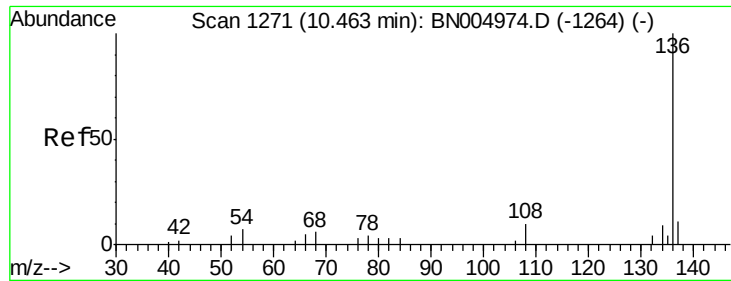
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004974.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-928) (-)

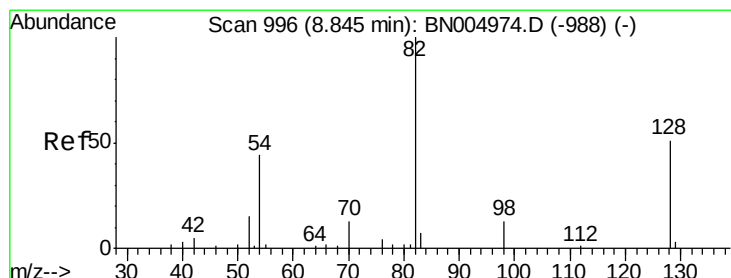
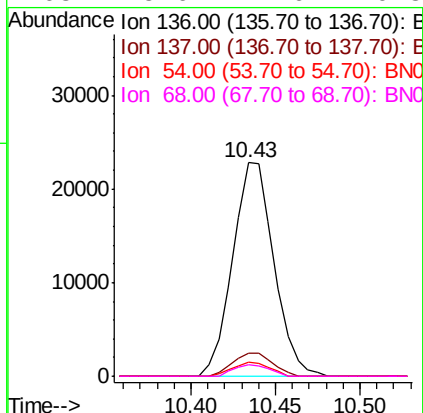
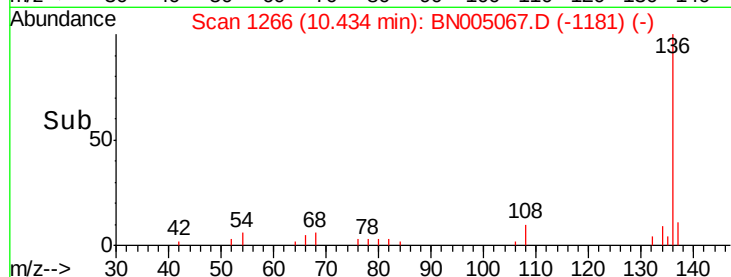
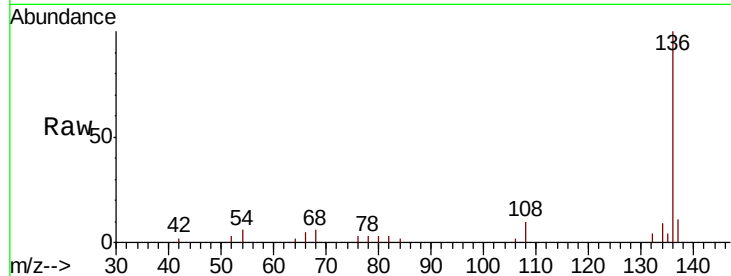




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

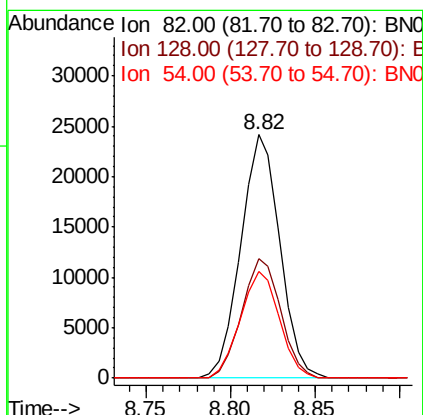
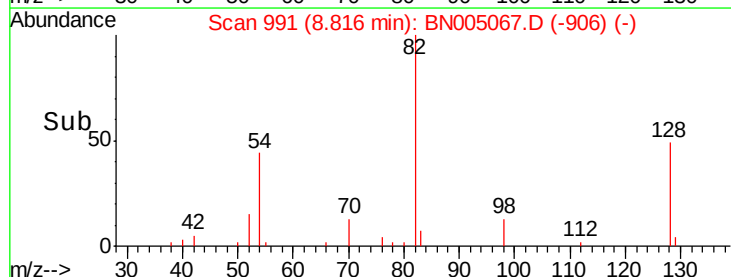
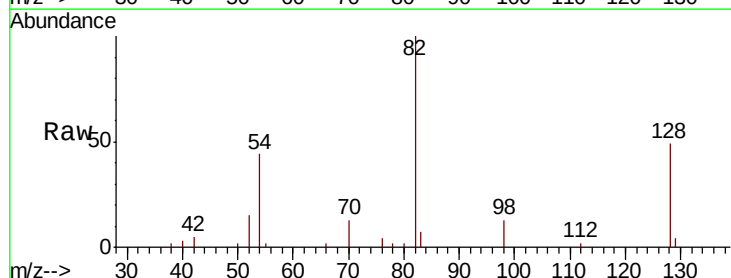
Instrument :
BNA_N
ClientSampleId :
PB118575BL

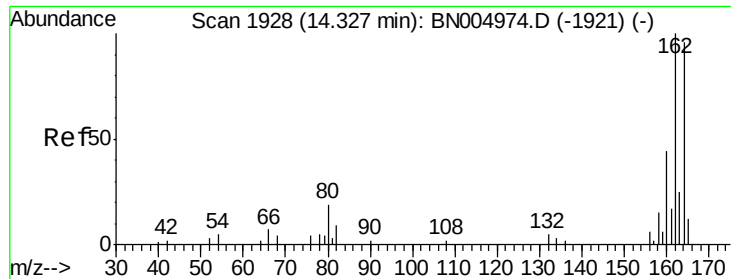
Tgt Ion:	136	Resp:	38773
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	5.3	7.9
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 60.677 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Tgt Ion:	82	Resp:	38892
Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	43.9	35.2	52.8

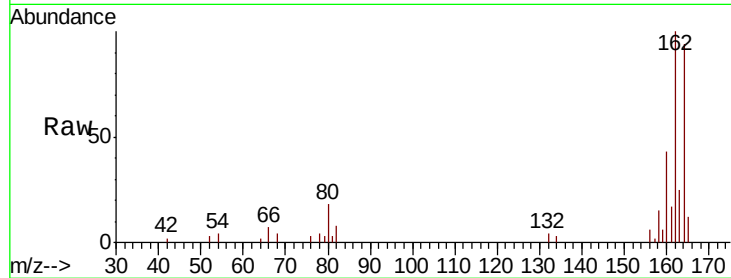




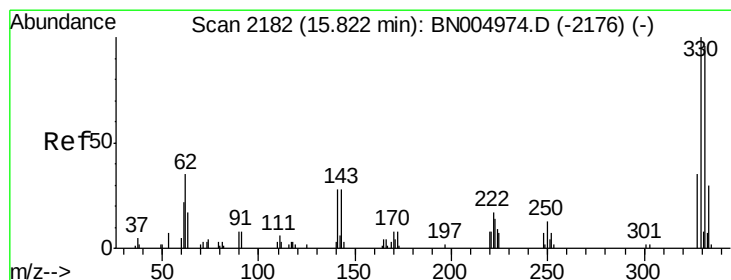
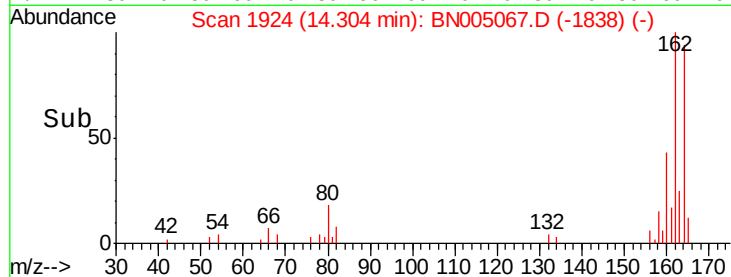
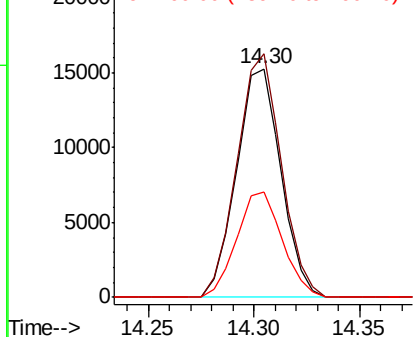
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB118575BL

Tgt Ion:164 Resp: 22244
Ion Ratio Lower Upper
164 100
162 106.7 83.4 125.0
160 45.9 36.6 55.0

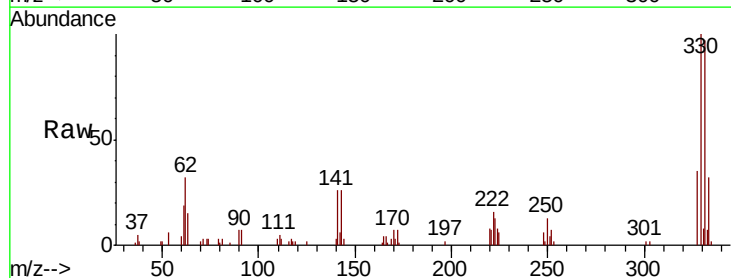


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

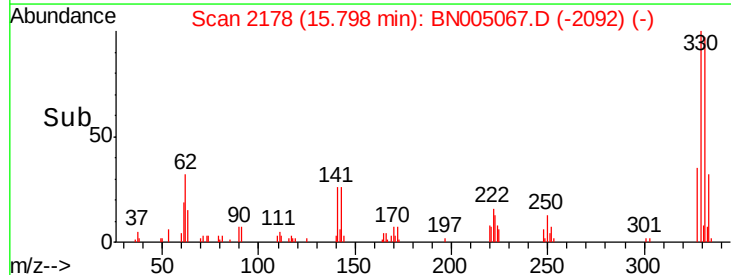
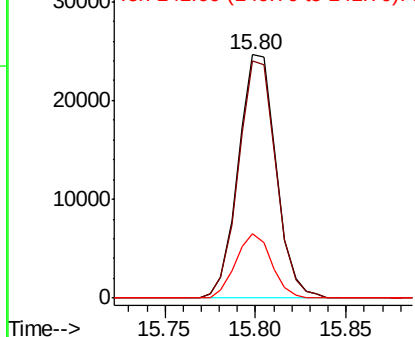


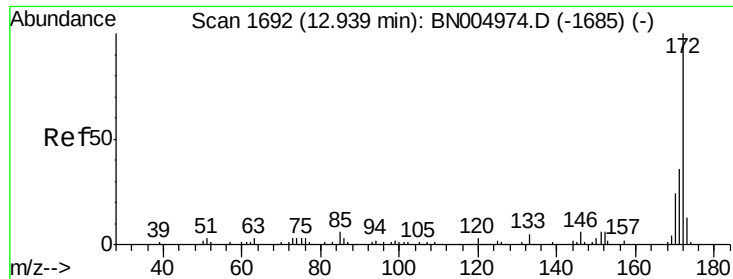
#42
2,4,6-Tribromophenol
Concen: 99.277 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Tgt Ion:330 Resp: 35616
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 25.1 22.1 33.1



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

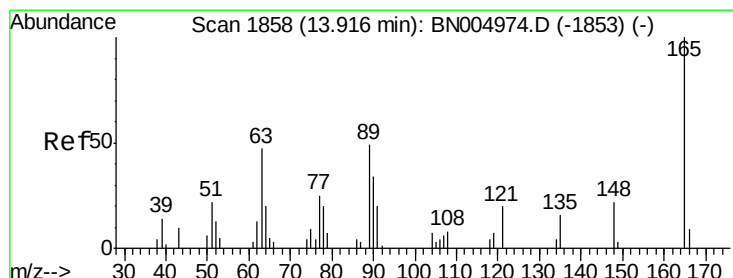
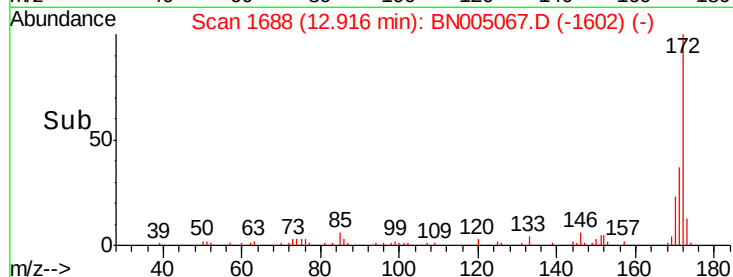
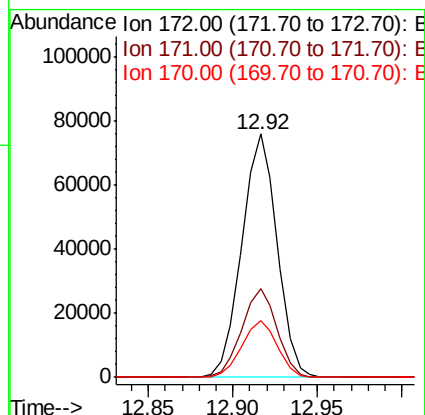
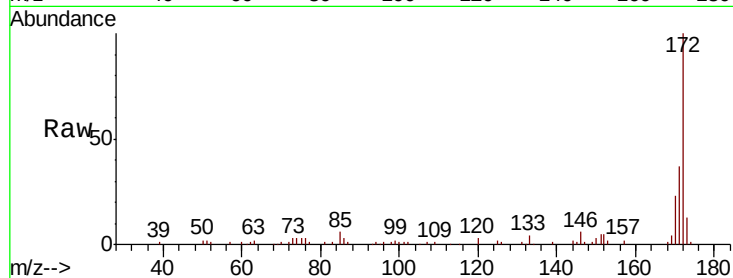




#45
 2-Fluorobiphenyl
 Concen: 65.818 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

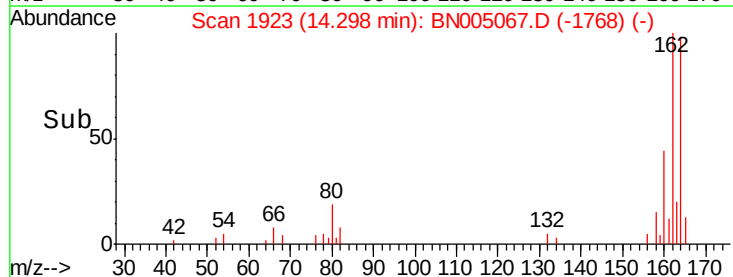
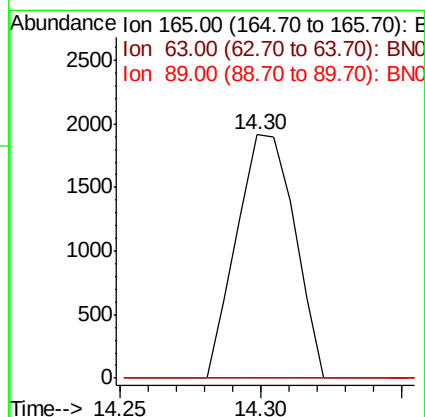
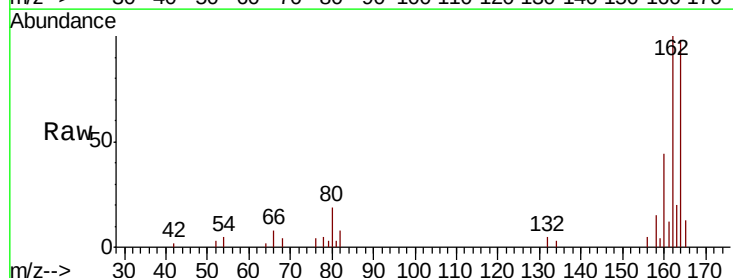
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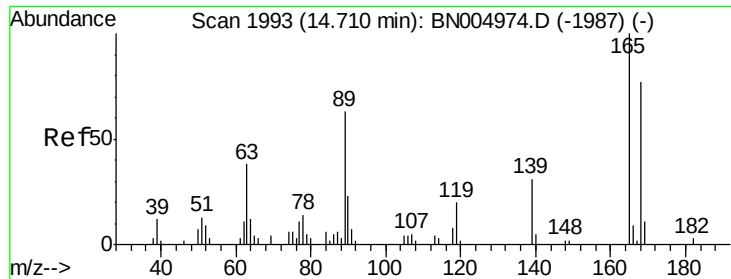
Tgt Ion:172 Resp: 110484
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 42.8
 170 23.5 18.9 28.3



#51
 2,6-Dinitrotoluene
 Concen: 6.567 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Tgt Ion:165 Resp: 2731
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

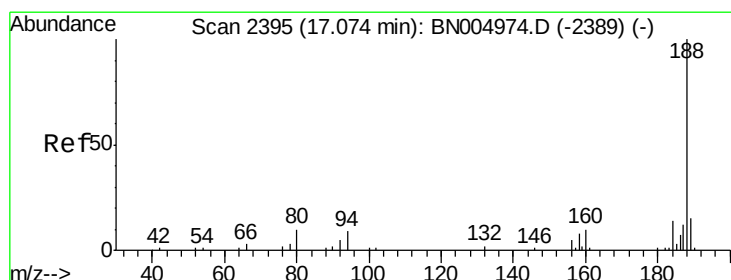
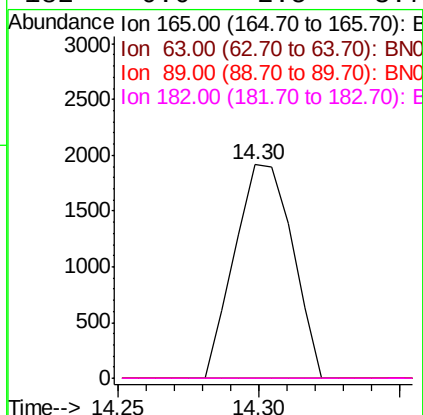
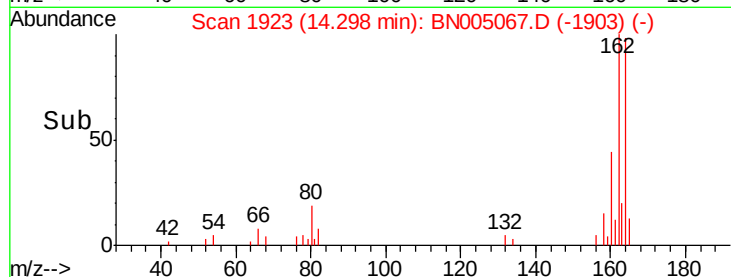
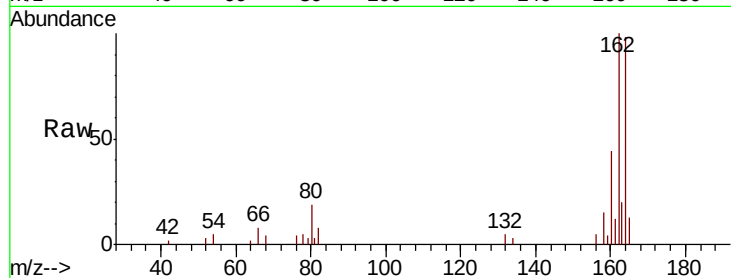




#57
 2,4-Dinitrotoluene
 Concen: 4.832 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

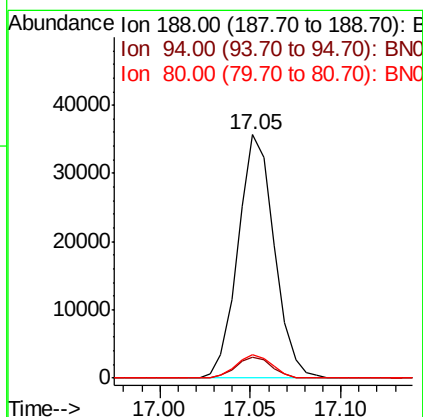
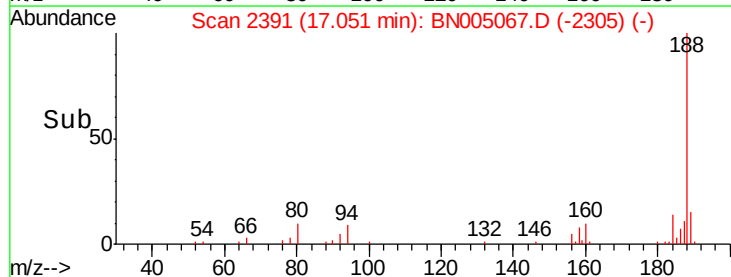
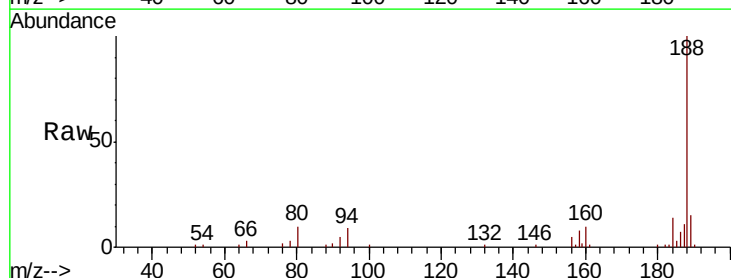
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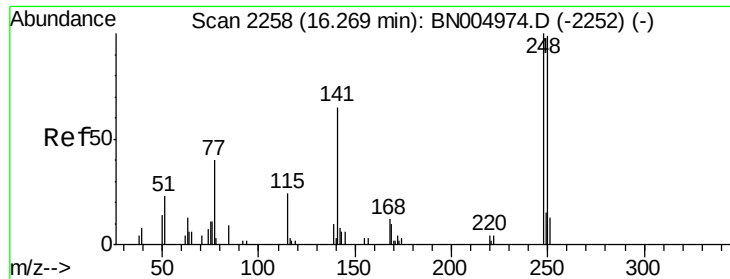
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.8	11.6

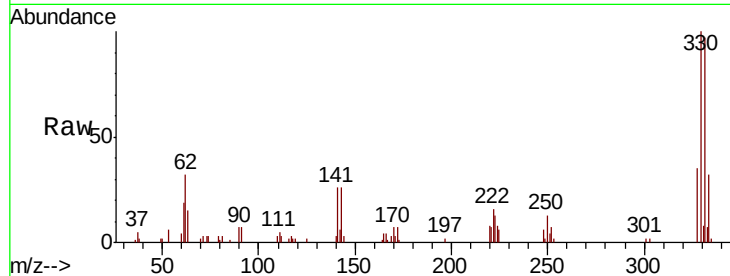




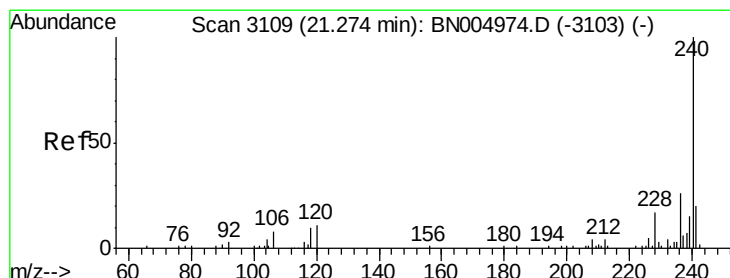
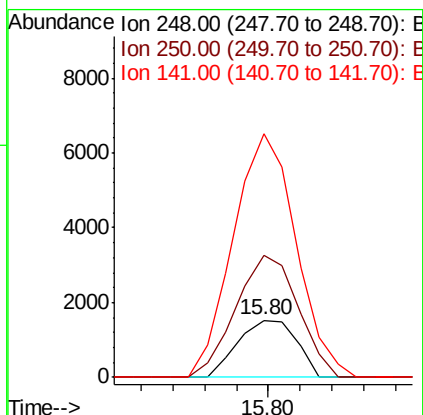
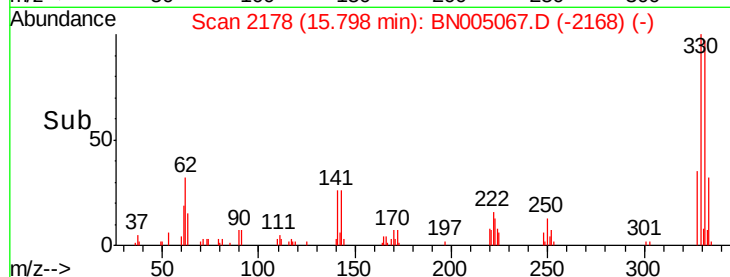
#67
 4-Bromophenyl-phenylether
 Concen: 3.171 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Instrument :
 BNA_N
 ClientSampleId :
 PB118575BL

Tgt Ion:248 Resp: 1961
 Ion Ratio Lower Upper
 248 100
 250 214.7 79.4 119.2#
 141 426.3 52.3 78.5#

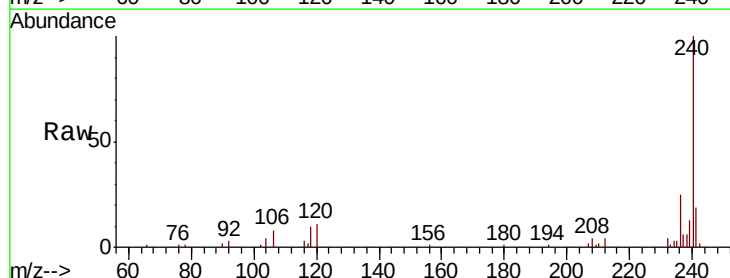


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

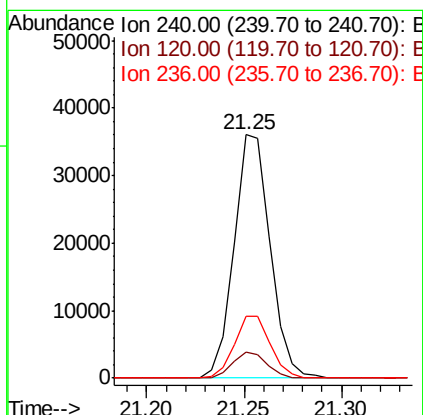
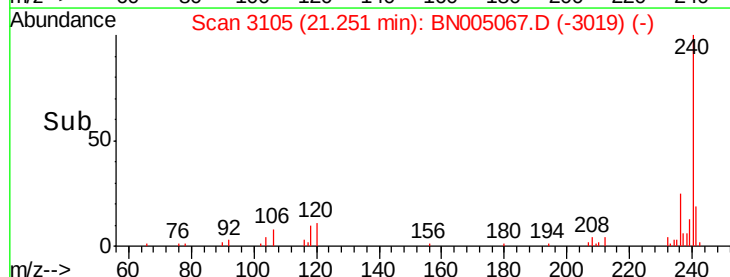


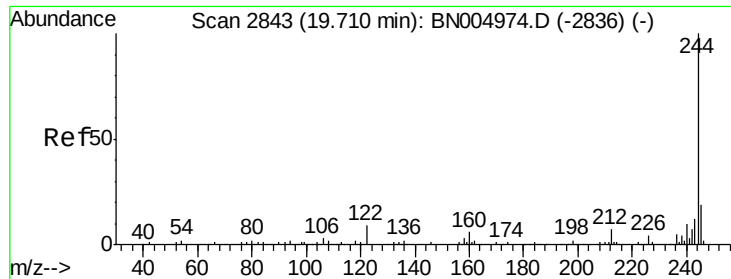
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Tgt Ion:240 Resp: 46257
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.5 12.7
 236 25.2 21.2 31.8



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: 66.435 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB118575BL

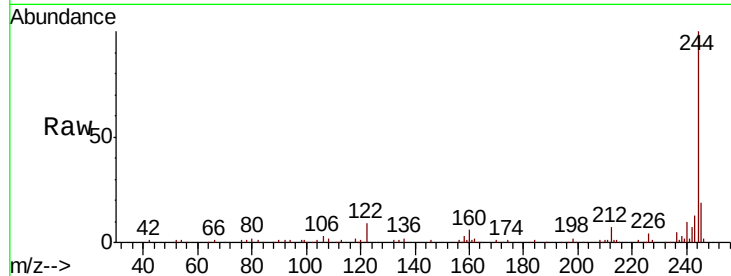
Tgt Ion:244 Resp: 159620

Ion Ratio Lower Upper

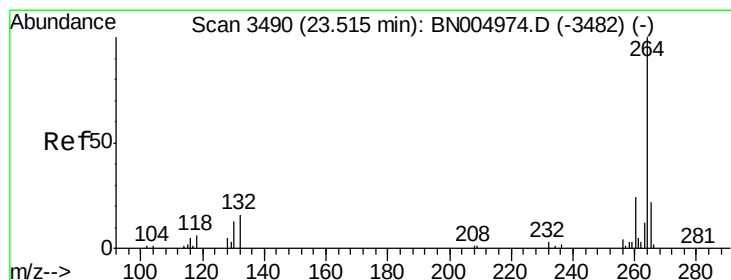
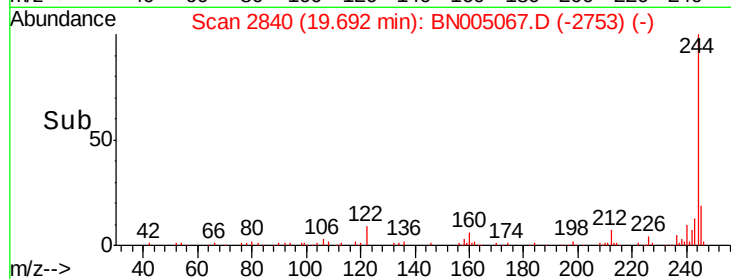
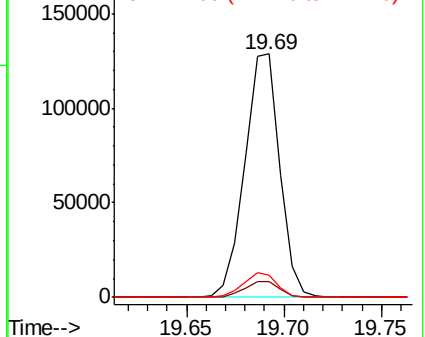
244 100

212 6.6 5.4 8.0

122 8.9 7.4 11.2



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: 23.49 min Scan# 3485

Delta R.T. -0.03 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

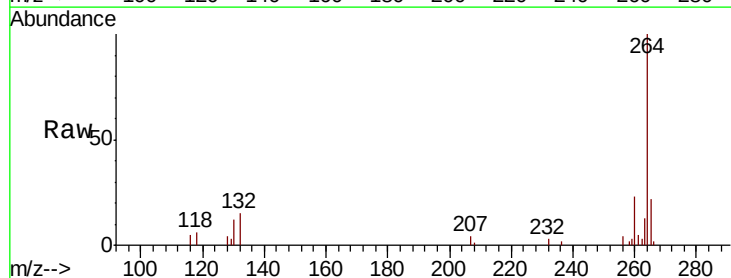
Tgt Ion:264 Resp: 43058

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.7 17.2 25.8



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

