

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003274.D
 Acq On : 24 Oct 2018 16:44
 Operator : MJ/SJ
 Sample : PB113692BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 05:41:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

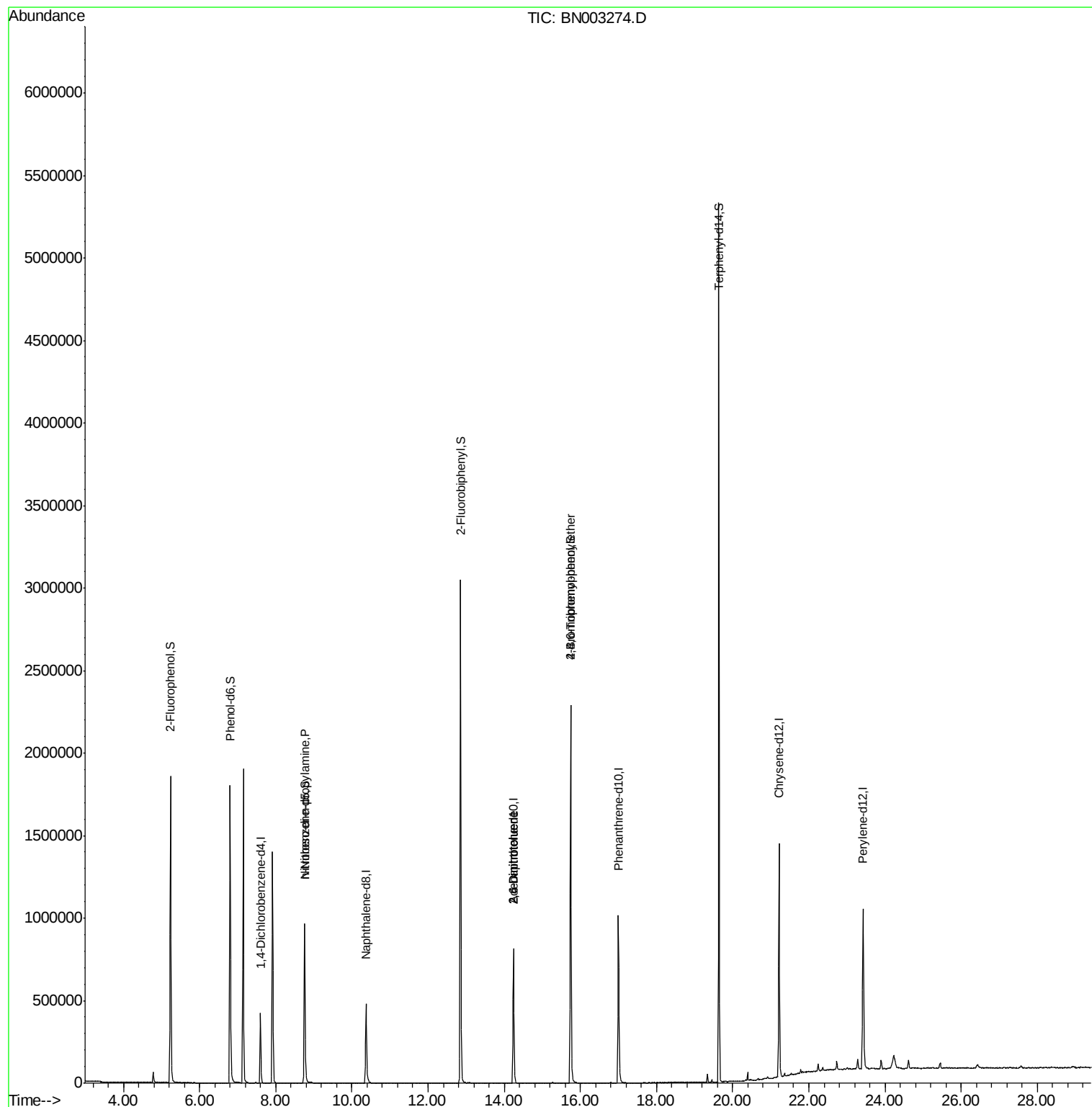
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	120342	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	500210	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	315279	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	751307	20.00	ng	0.00
76) Chrysene-d12	21.22	240	776991	20.00	ng	0.00
87) Perylene-d12	23.43	264	775918	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	841093	121.73	ng	0.00
7) Phenol-d6	6.80	99	1149918	117.04	ng	0.00
23) Nitrobenzene-d5	8.76	82	647766	74.27	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	487974	114.94	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1692315	72.81	ng	0.00
79) Terphenyl-d14	19.64	244	2653909	73.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.76	70	83514	11.788	ng	# 77
51) 2,6-Dinitrotoluene	14.24	165	39944	6.904	ng	# 28
57) 2,4-Dinitrotoluene	14.24	165	39944	5.092	ng	# 19
67) 4-Bromophenyl-phenylether	15.75	248	31303	3.699	ng	# 1

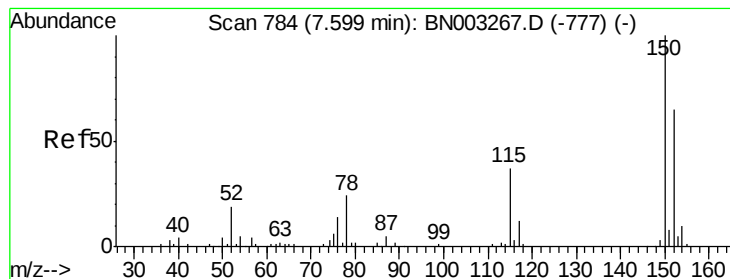
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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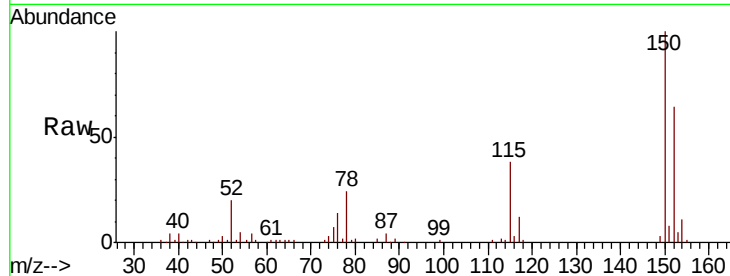


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BN003274.D
Acq: 24 Oct 2018 16:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.8
115	60.4	45.9	68.9

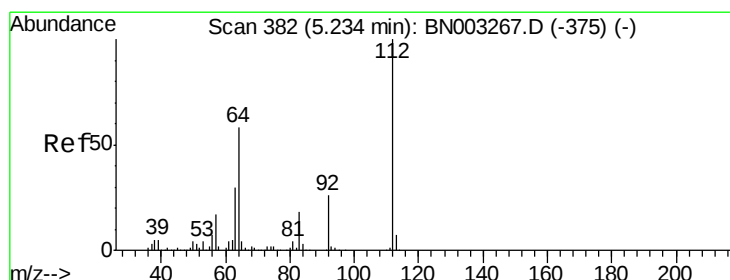
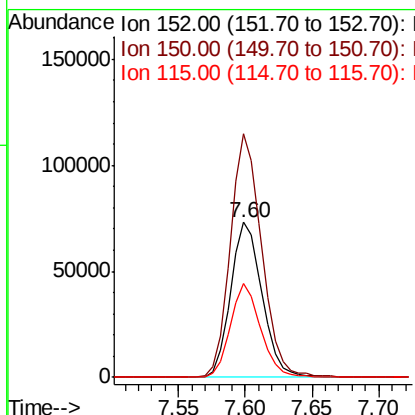
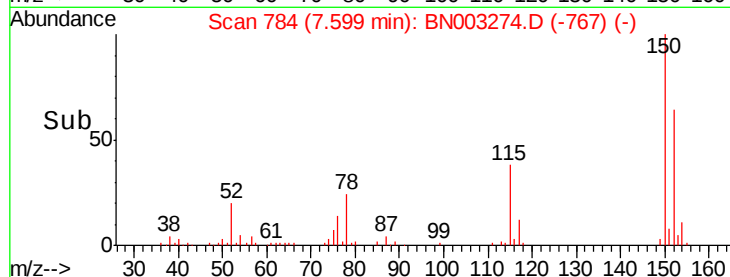


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

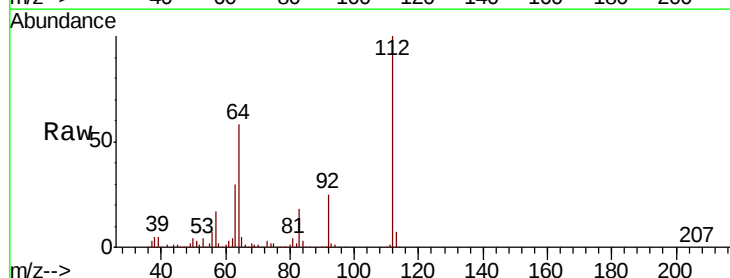
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.734 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BN003274.D
Acq: 24 Oct 2018 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.6	69.8
63	29.7	23.8	35.8

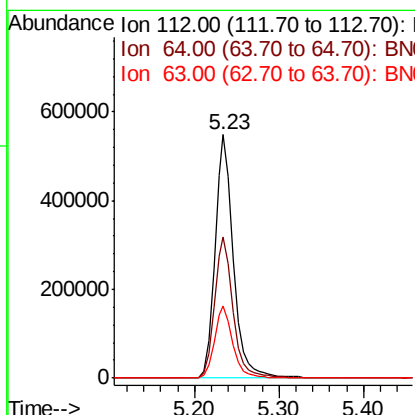
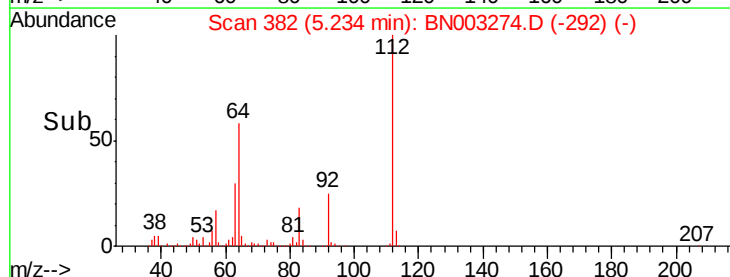


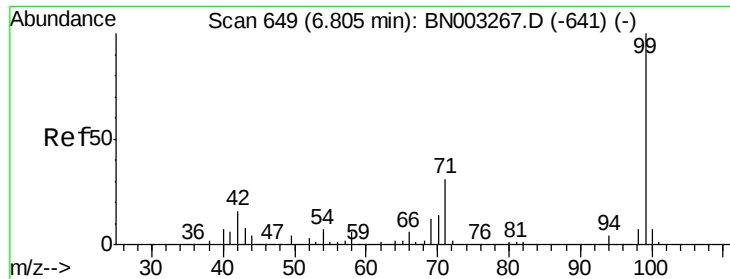
Abundance

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: 117.044 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BN003274.D

Acq: 24 Oct 2018 16:44

Instrument :

BNA_N

ClientSampleId :

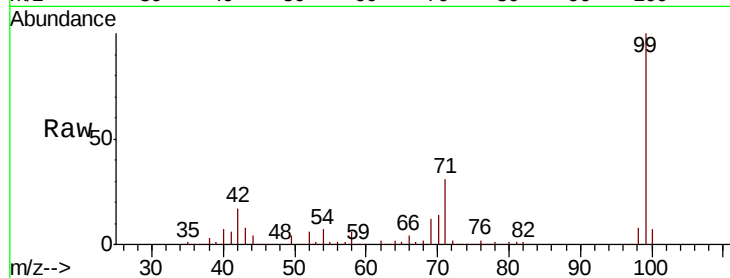
Tot Ion: 99 Resp: 1149918

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.6

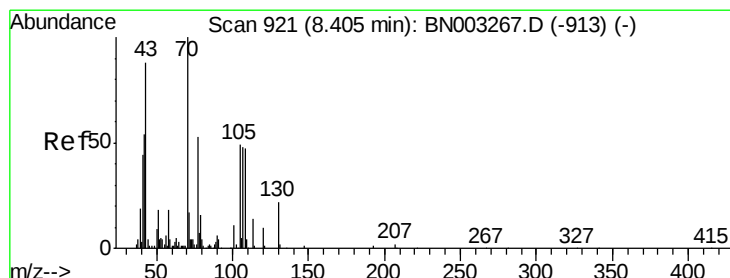
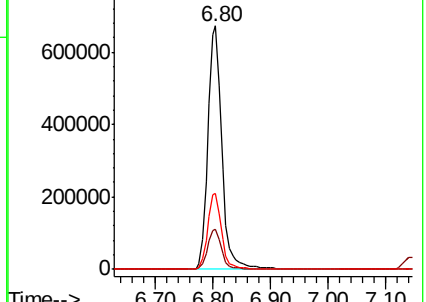
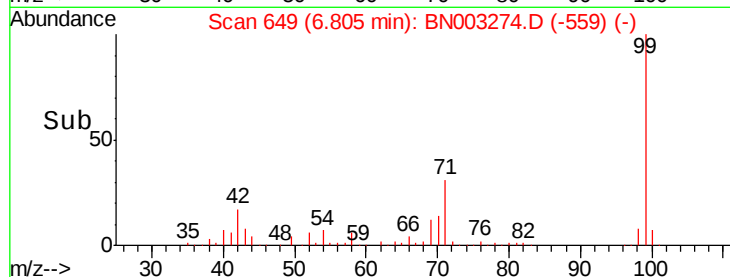
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 11.788 ng

RT: 8.76 min Scan# 981

Delta R.T. 0.35 min

Lab File: BN003274.D

Acq: 24 Oct 2018 16:44

Tgt Ion: 70 Resp: 83514

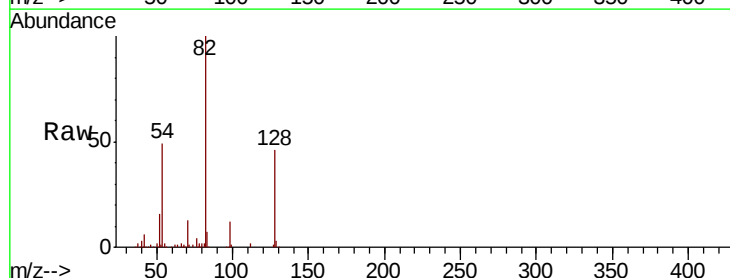
Ion Ratio Lower Upper

70 100

42 44.1 43.5 65.3

101 0.0 8.6 12.8#

130 2.2 18.0 27.0#

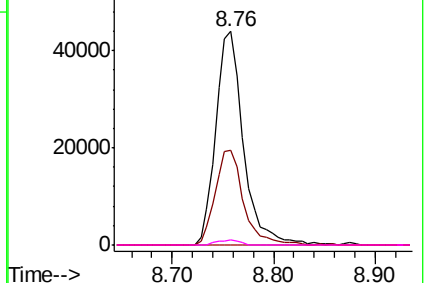
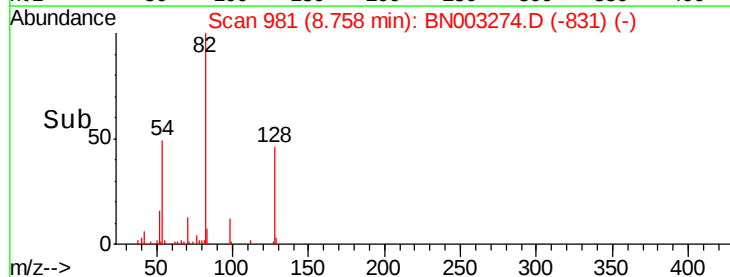


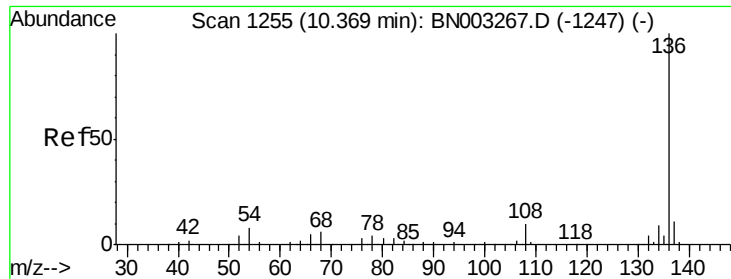
Abundance Ion 70.00 (69.70 to 70.70): BN003267.D (-913) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-913) (-)

Ion 101.00 (100.70 to 101.70): BN003267.D (-913) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-913) (-)

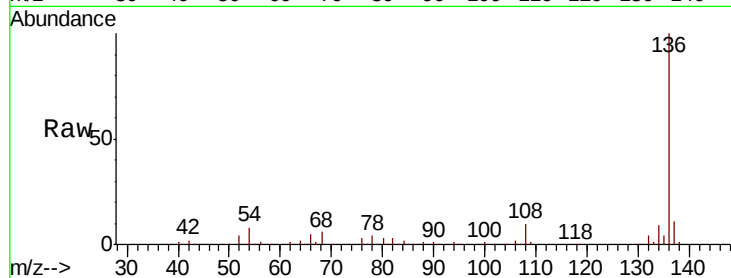




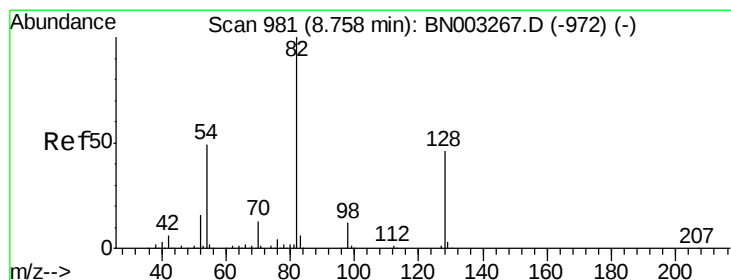
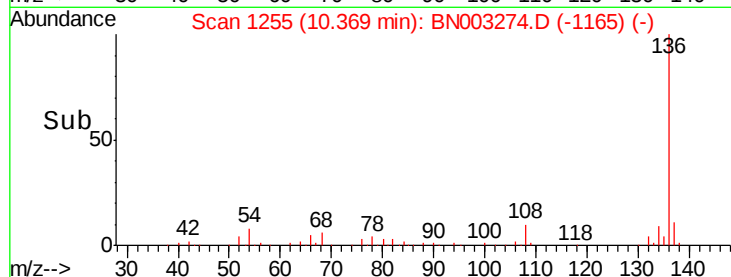
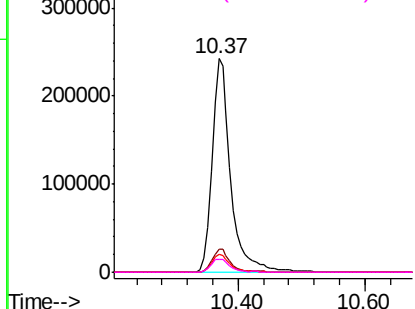
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BN003274.D
Acq: 24 Oct 2018 16:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	500210
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	8.2	6.6 10.0
68	6.3	4.6 7.0

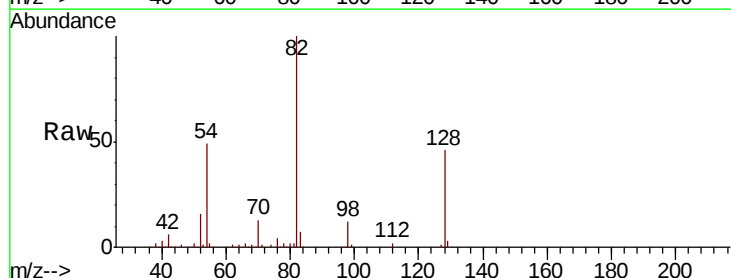


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

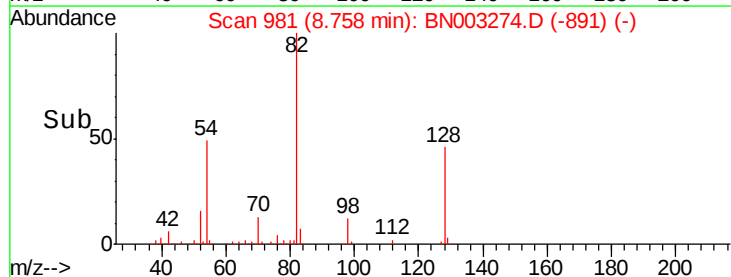
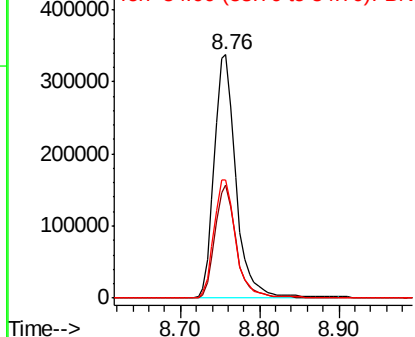


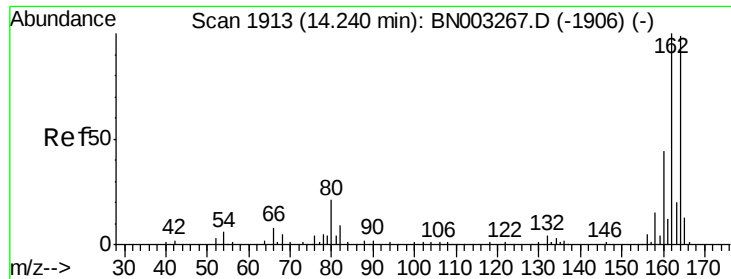
#23
Nitrobenzene-d5
Concen: 74.267 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN003274.D
Acq: 24 Oct 2018 16:44

Tgt Ion: 82	Resp:	647766
Ion	Ratio	Lower Upper
82	100	
128	46.2	37.1 55.7
54	48.7	39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BN003274.D

Acq: 24 Oct 2018 16:44

Instrument :

BNA_N

ClientSampled :

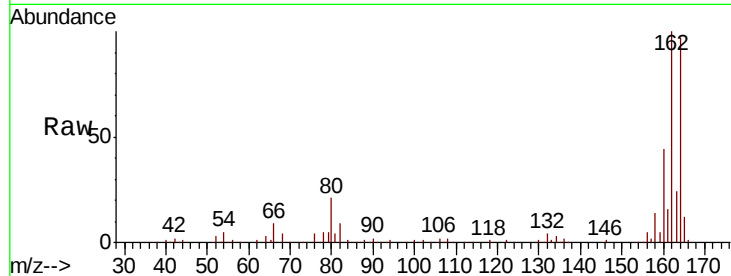
Tot Ion:164 Resp: 315279

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

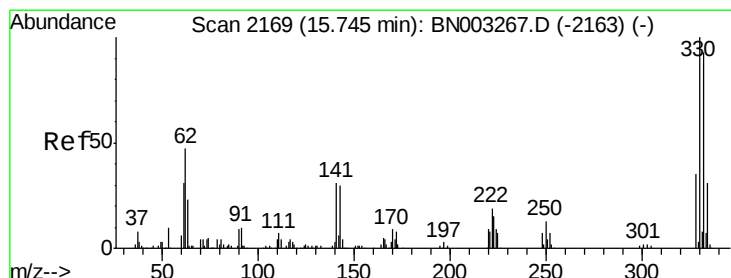
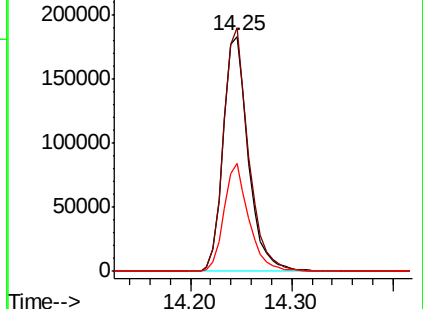
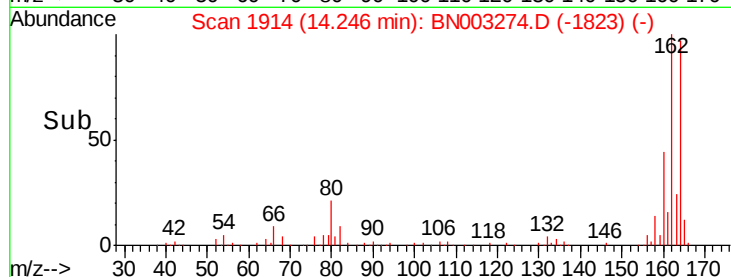
160 45.7 35.5 53.3



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: 114.943 ng

RT: 15.75 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN003274.D

Acq: 24 Oct 2018 16:44

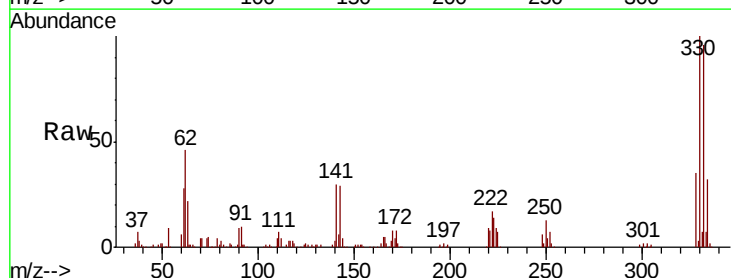
Tgt Ion:330 Resp: 487974

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

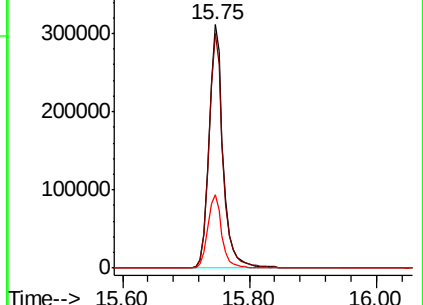
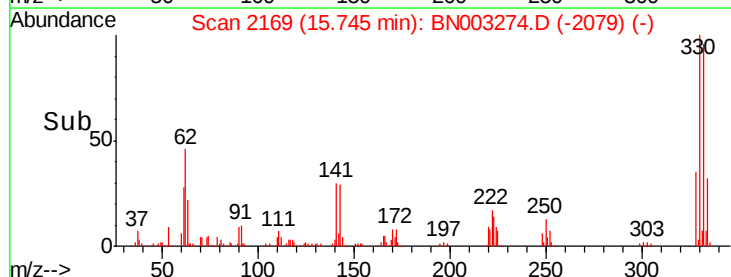
141 30.4 24.5 36.7

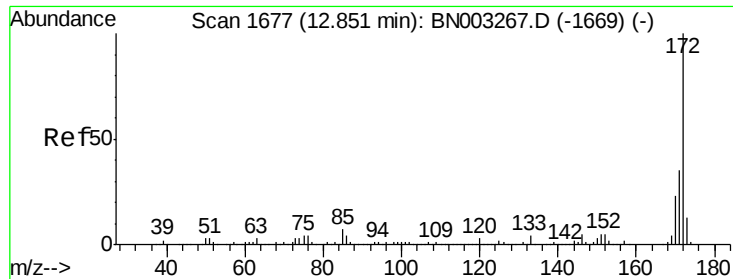


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

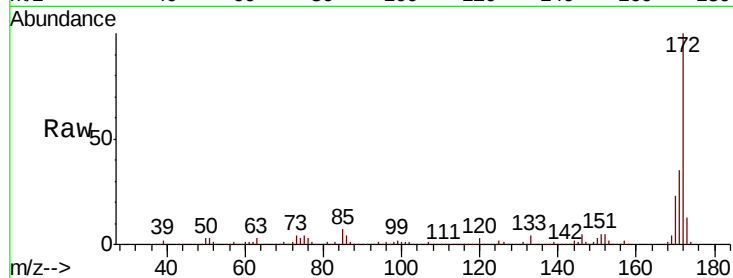




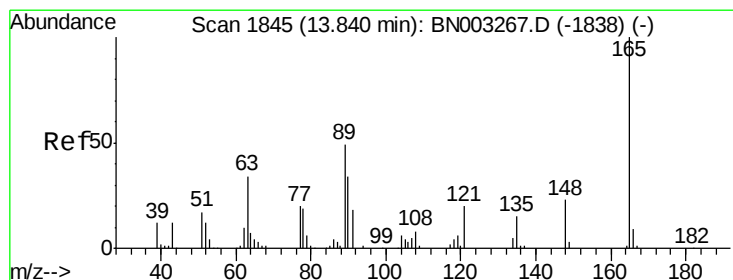
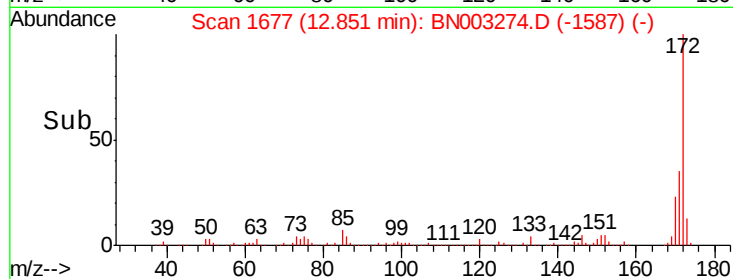
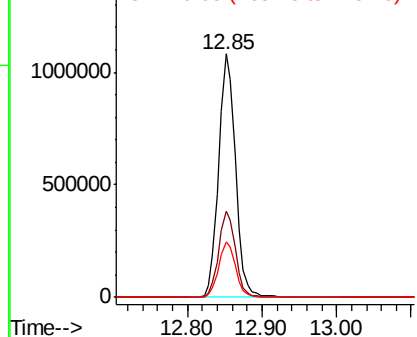
#45
 2-Fluorobiphenyl
 Concen: 72.808 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BN003274.D
 Acq: 24 Oct 2018 16:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1692315
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 22.9 18.4 27.6

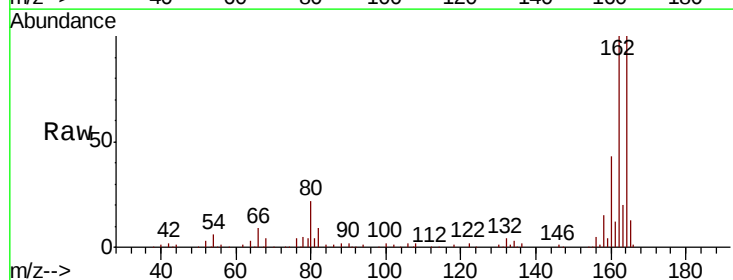


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

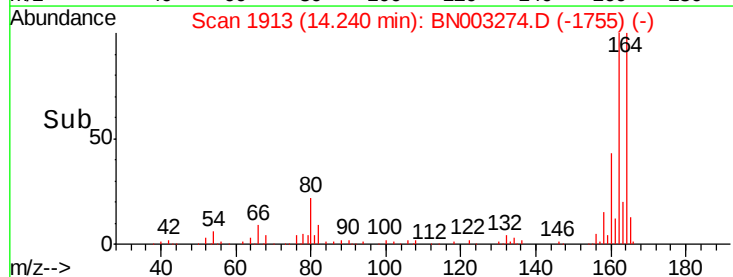
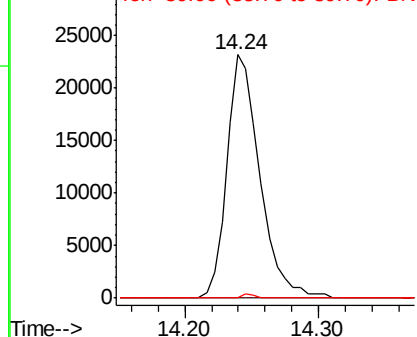


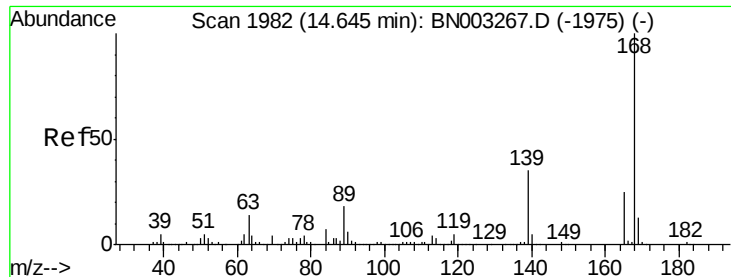
#51
 2,6-Dinitrotoluene
 Concen: 6.904 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. 0.40 min
 Lab File: BN003274.D
 Acq: 24 Oct 2018 16:44

Tgt Ion:165 Resp: 39944
 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

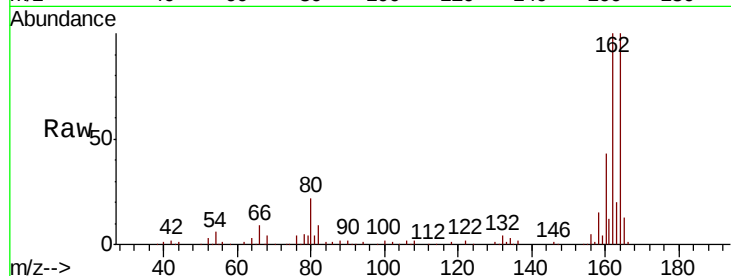




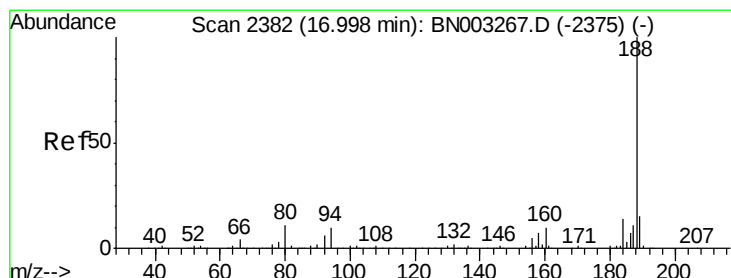
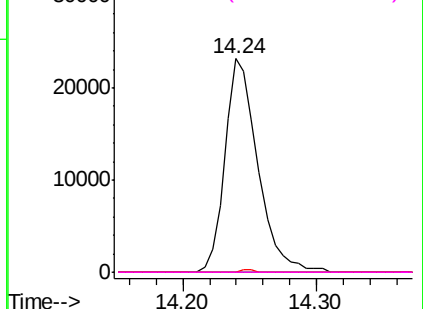
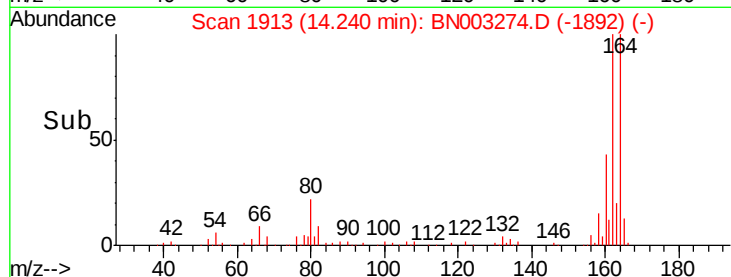
#57
 2,4-Dinitrotoluene
 Concen: 5.092 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.41 min
 Lab File: BN003274.D
 Acq: 24 Oct 2018 16:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 39944
 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#

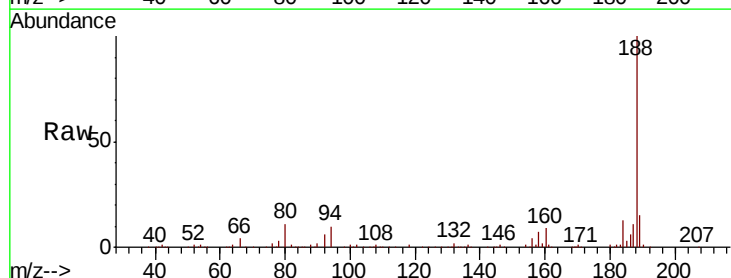


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

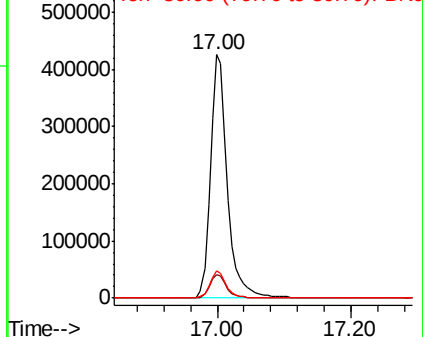
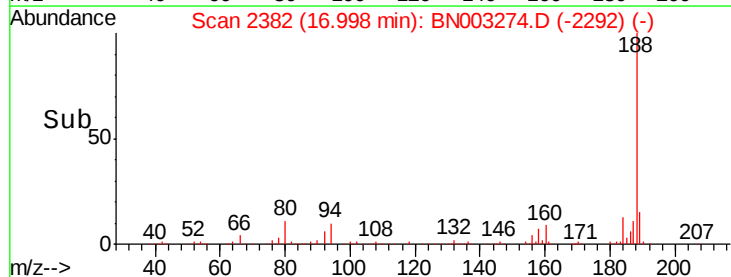


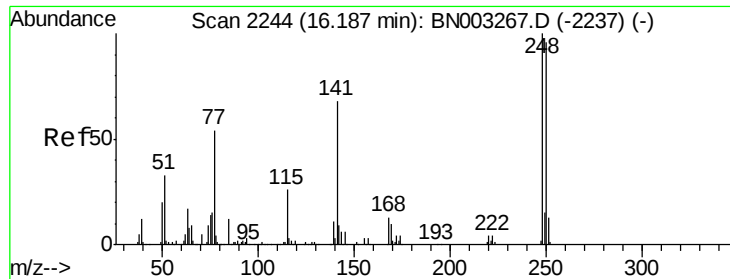
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BN003274.D
 Acq: 24 Oct 2018 16:44

Tgt Ion:188 Resp: 751307
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 11.2 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

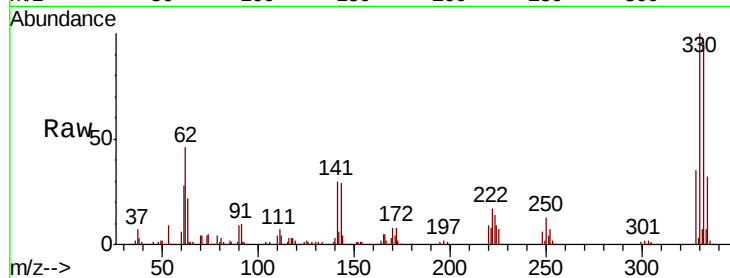




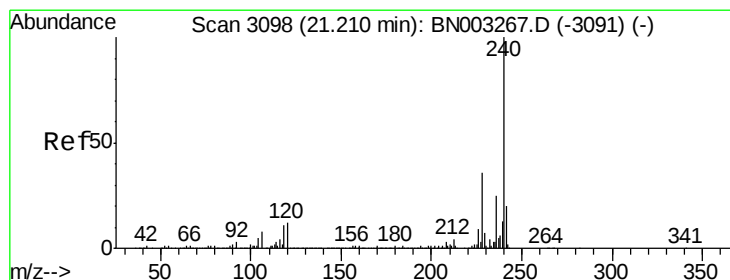
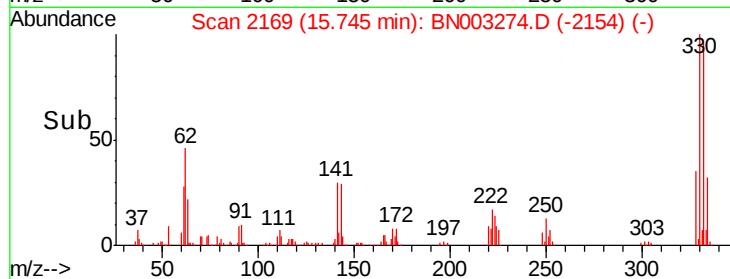
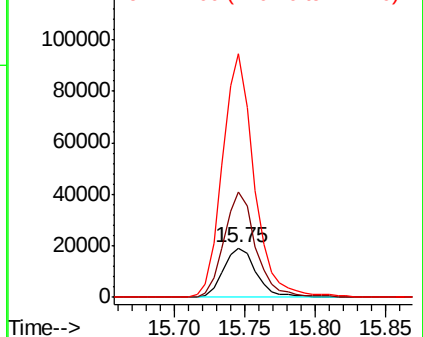
#67
 4-Bromophenyl-phenylether
 Concen: 3.699 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. -0.44 min
 Lab File: BN003274.D
 Acq: 24 Oct 2018 16:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 31303
 Ion Ratio Lower Upper
 248 100
 250 212.8 76.4 114.6#
 141 491.0 54.2 81.4#

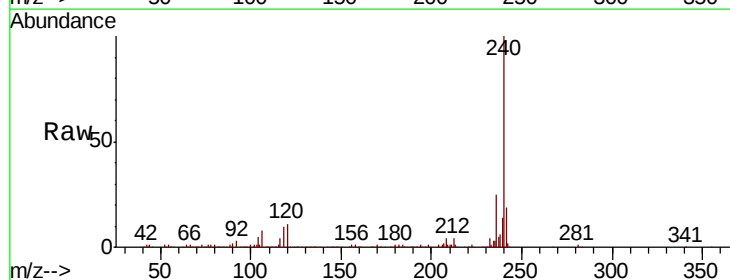


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

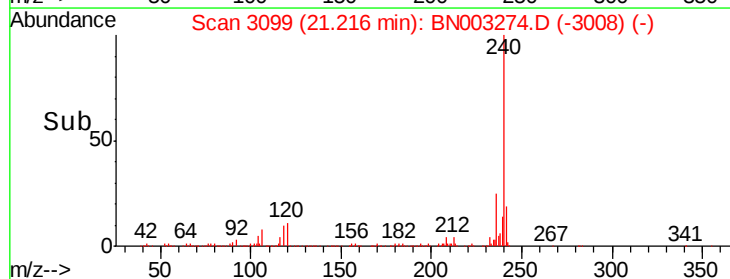
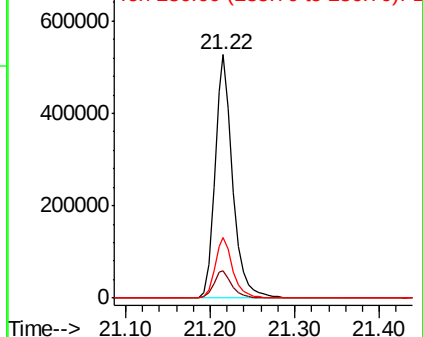


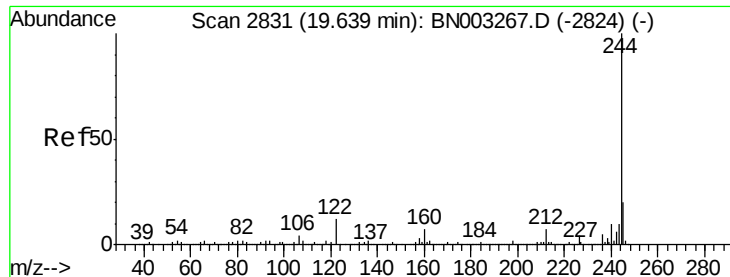
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BN003274.D
 Acq: 24 Oct 2018 16:44

Tgt Ion:240 Resp: 776991
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.4 14.0
 236 24.6 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: 73.045 ng

RT: 19.64 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BN003274.D

Acq: 24 Oct 2018 16:44

Instrument :

BNA_N

ClientSampled :

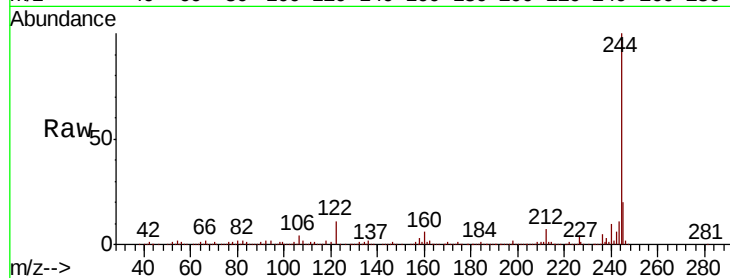
Tot Ion:244 Resp: 2653909

Ion Ratio Lower Upper

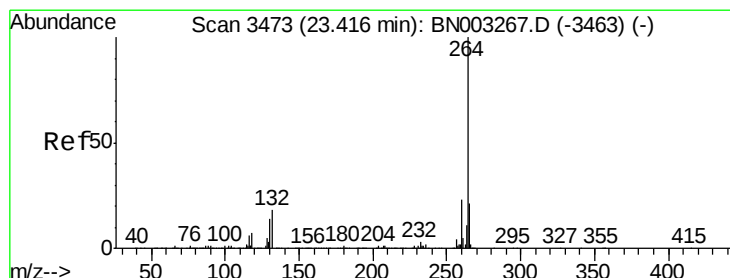
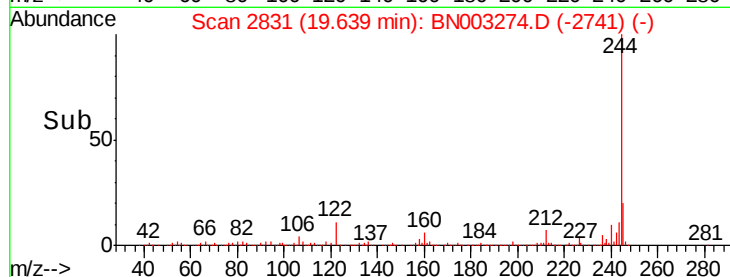
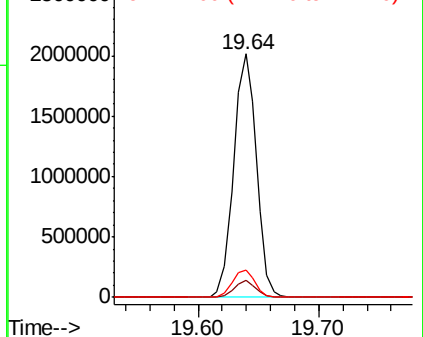
244 100

212 6.8 5.4 8.0

122 11.2 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: 23.43 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BN003274.D

Acq: 24 Oct 2018 16:44

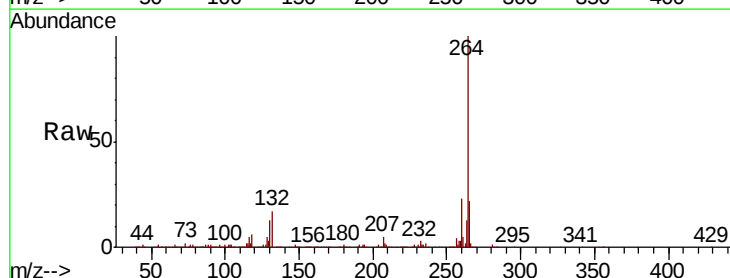
Tgt Ion:264 Resp: 775918

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.6 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

