

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005086.D
 Acq On : 04 Apr 2019 09:52
 Operator : JU/SJ
 Sample : PB118559BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 04 15:03:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 14:56:07 2019
 Response via : Initial Calibration

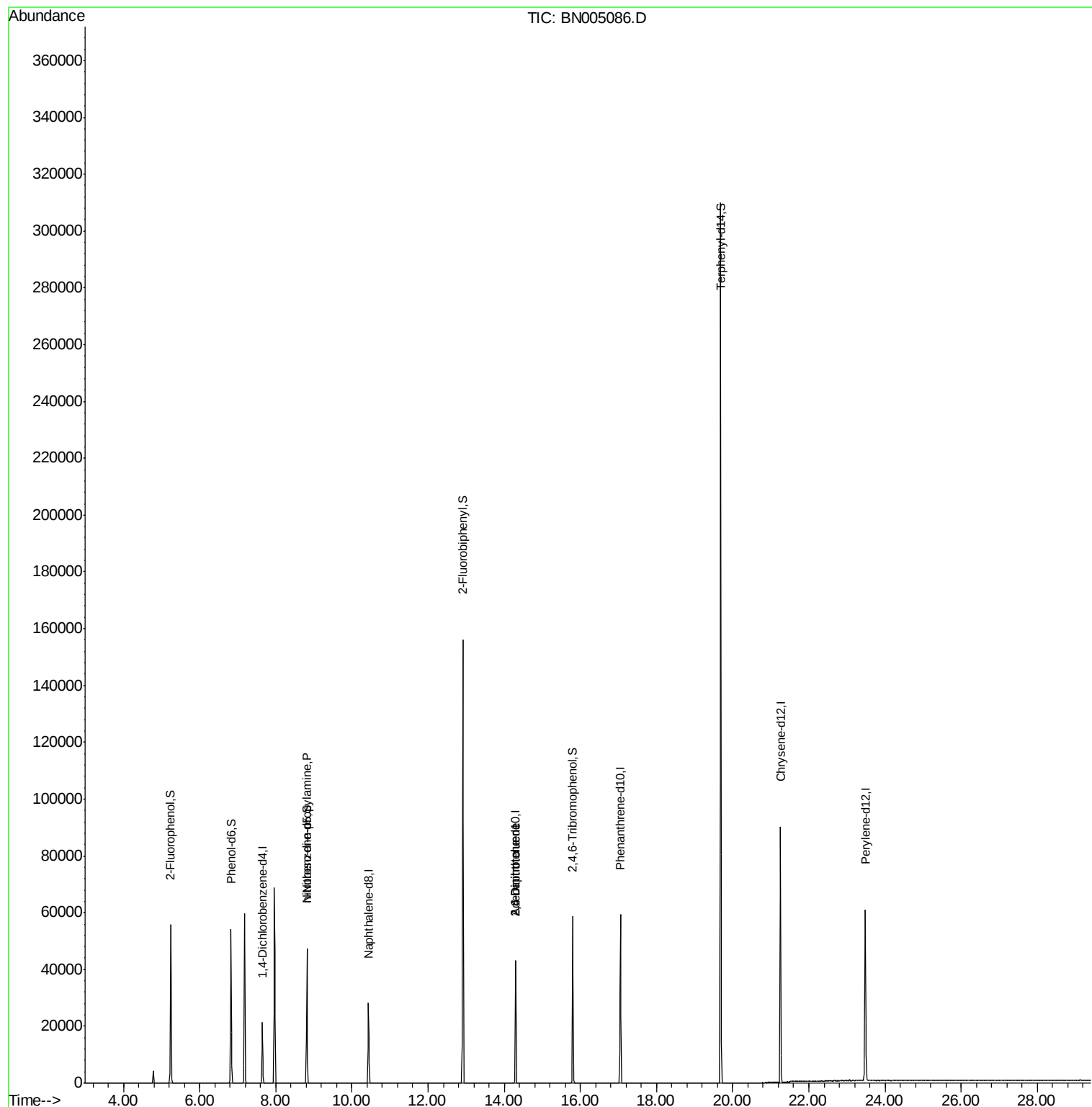
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6762	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	26738	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	16432	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	39655	20.00	ng	0.00
76) Chrysene-d12	21.25	240	47327	20.00	ng	0.00
87) Perylene-d12	23.48	264	49021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	27407	70.07	ng	0.00
7) Phenol-d6	6.83	99	34280	66.08	ng	0.00
23) Nitrobenzene-d5	8.82	82	28830	65.22	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	15140	57.13	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	85342	68.82	ng	0.00
79) Terphenyl-d14	19.69	244	148229	60.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	3540	10.409	ng	# 75
51) 2,6-Dinitrotoluene	14.30	165	1968	6.406	ng	# 32
57) 2,4-Dinitrotoluene	14.30	165	1968	4.714	ng	# 28

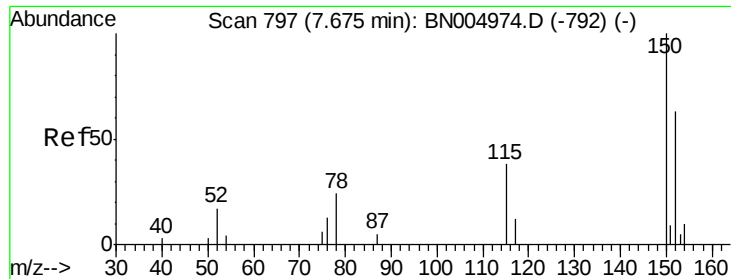
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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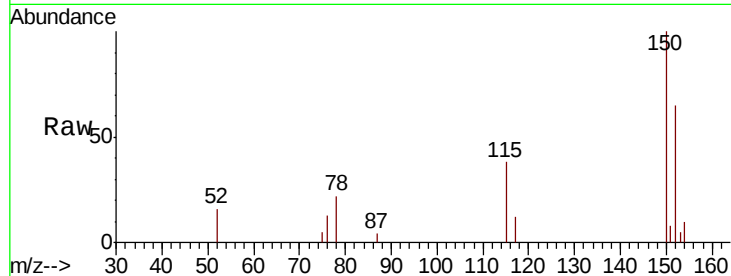


#1

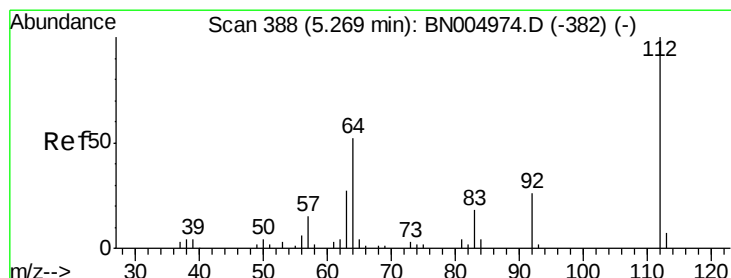
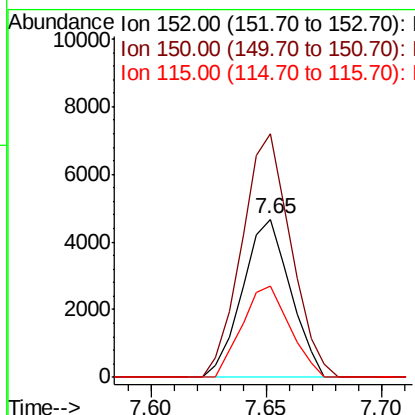
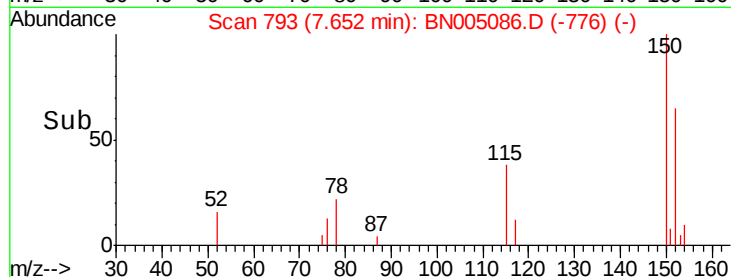
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. 0.00 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 6762
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 58.0 47.9 71.9



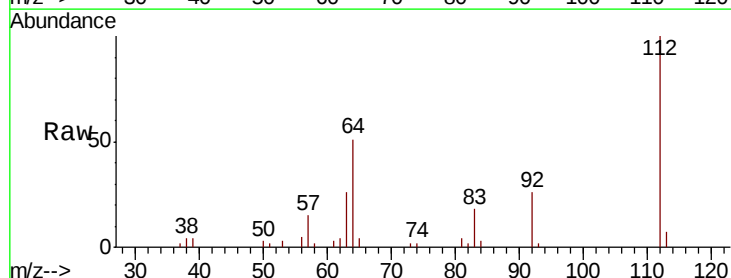
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



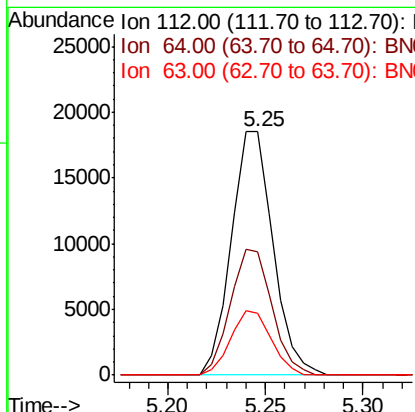
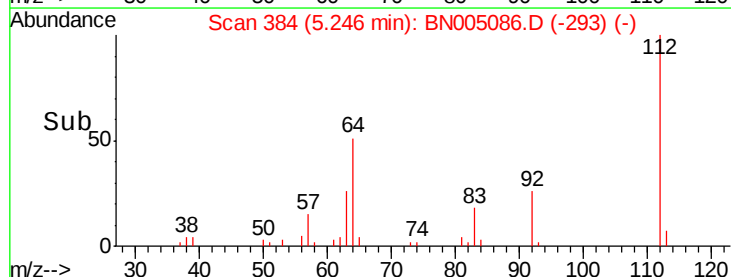
#5

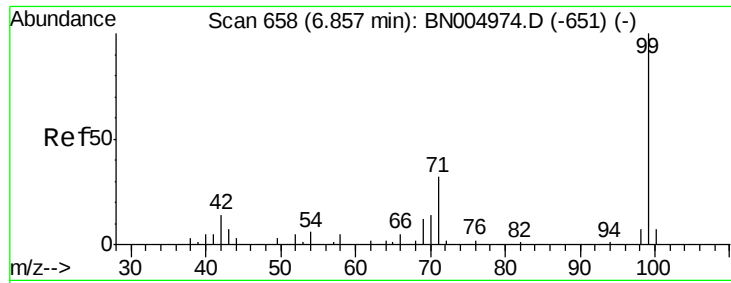
2-Fluorophenol
Concen: 70.074 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Tgt Ion:112 Resp: 27407
Ion Ratio Lower Upper
112 100
64 50.6 41.2 61.8
63 25.5 20.7 31.1



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: 66.081 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN005086.D

Acq: 04 Apr 2019 09:52

Instrument :

BNA_N

ClientSampleId :

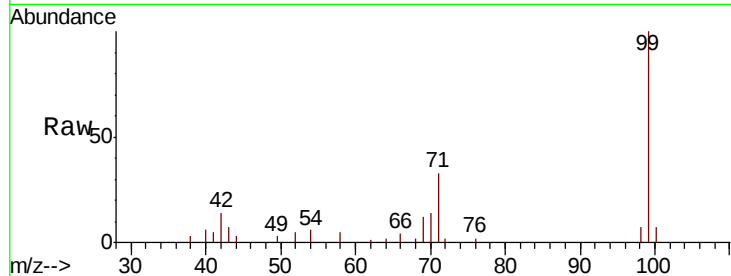
Tot Ion: 99 Resp: 34280

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

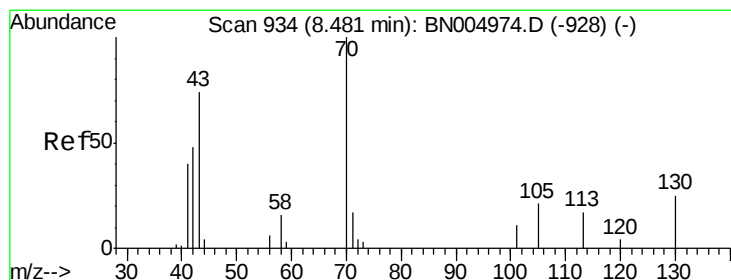
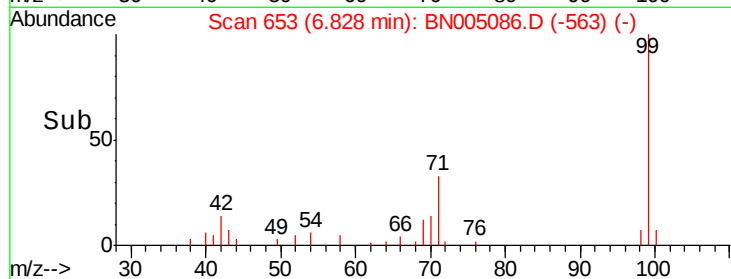
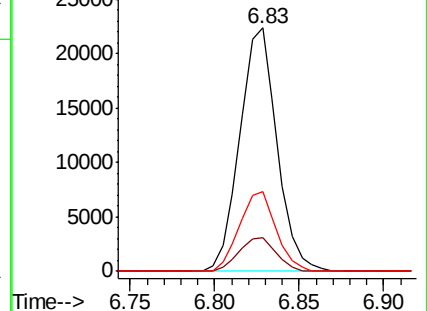
71 32.6 25.8 38.8



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: 10.409 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.36 min

Lab File: BN005086.D

Acq: 04 Apr 2019 09:52

Tgt Ion: 70 Resp: 3540

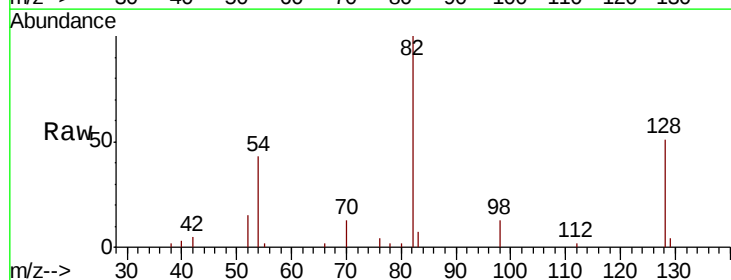
Ion Ratio Lower Upper

70 100

42 38.6 36.7 55.1

101 0.0 8.7 13.1#

130 0.0 20.2 30.2#

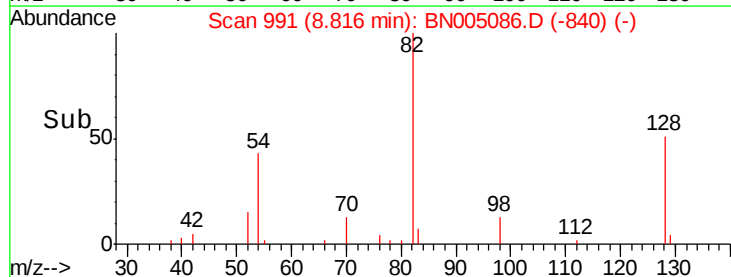
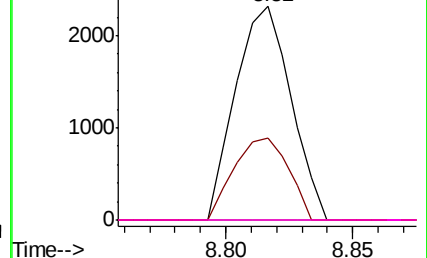


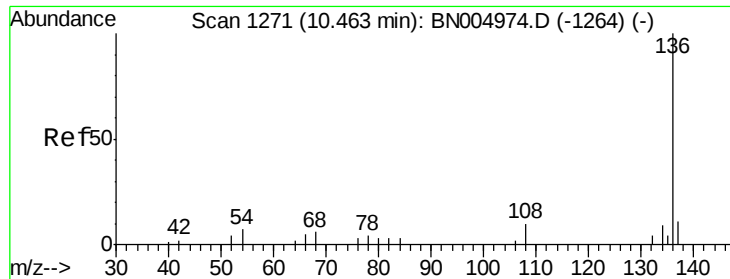
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

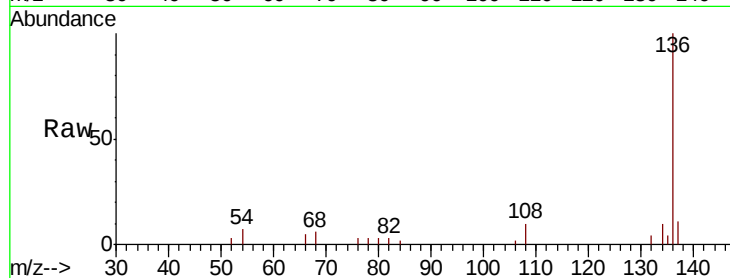




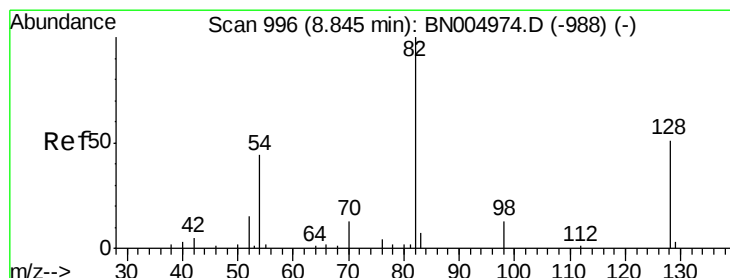
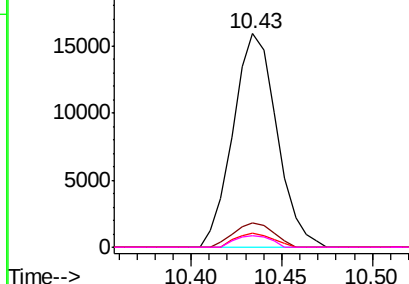
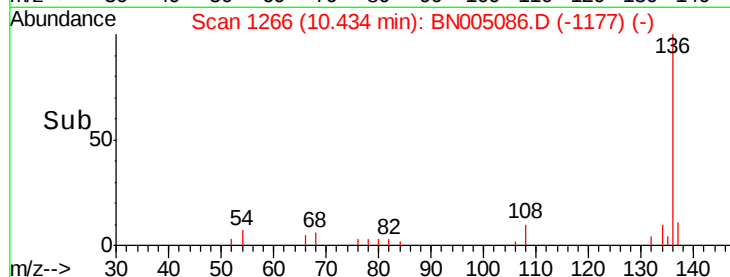
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:136	Resp:	26738
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.6 12.8
54	6.5	5.0 7.4
68	5.6	4.2 6.4

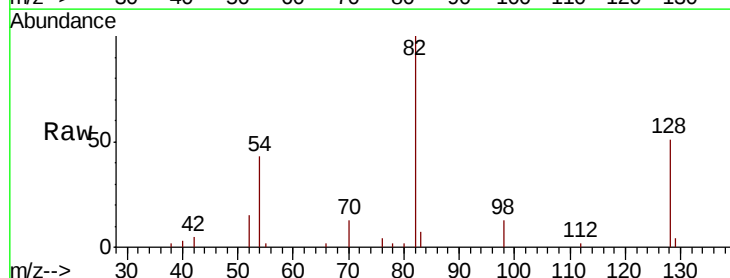


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

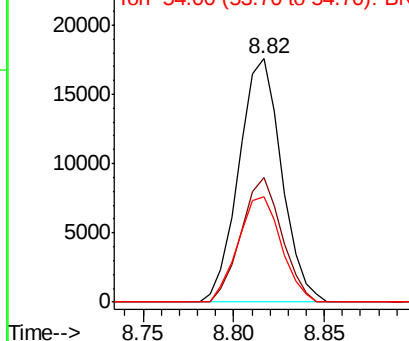
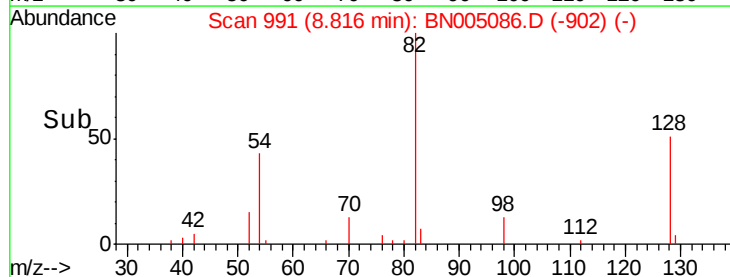


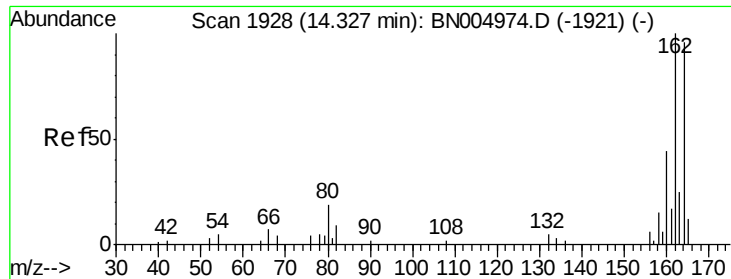
#23
Nitrobenzene-d5
Concen: 65.224 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Tgt Ion: 82	Resp:	28830
Ion Ratio	Lower	Upper
82	100	
128	51.1	40.6 60.8
54	43.4	34.4 51.6



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

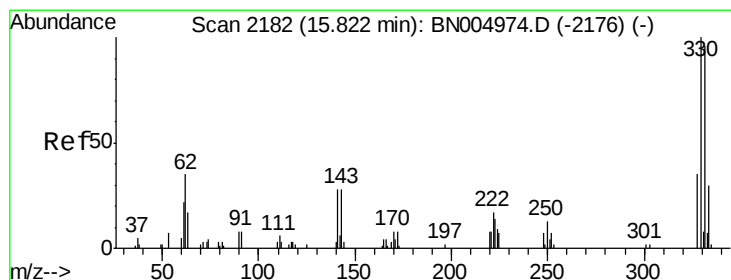
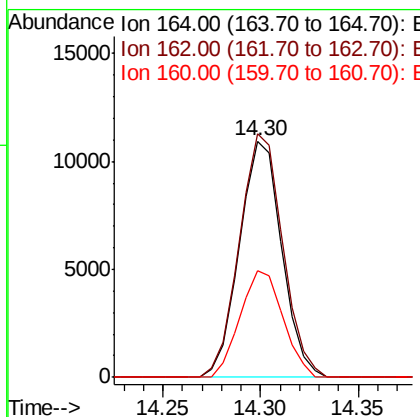
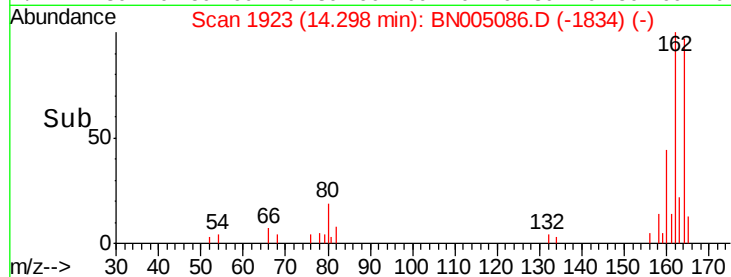
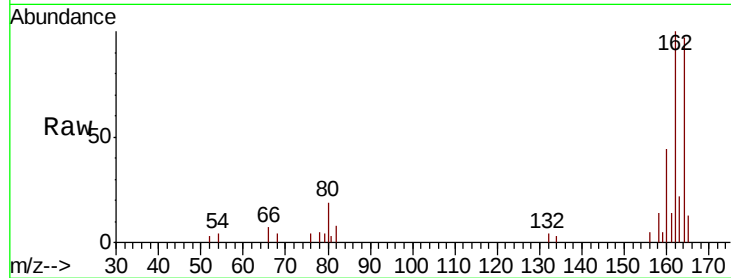




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

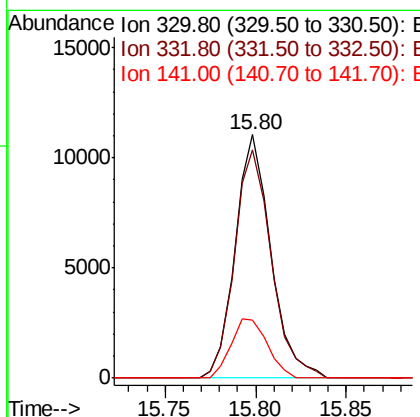
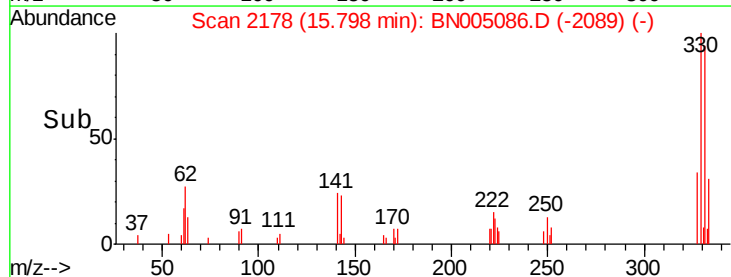
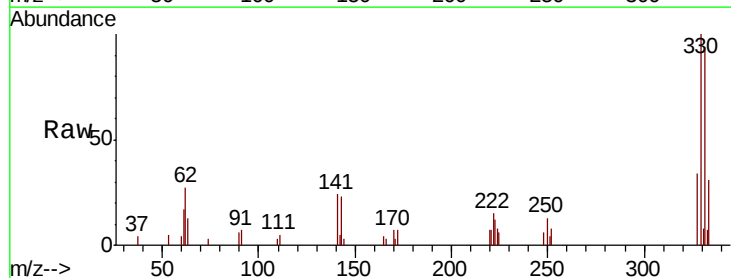
Instrument :
BNA_N
ClientSampleId :

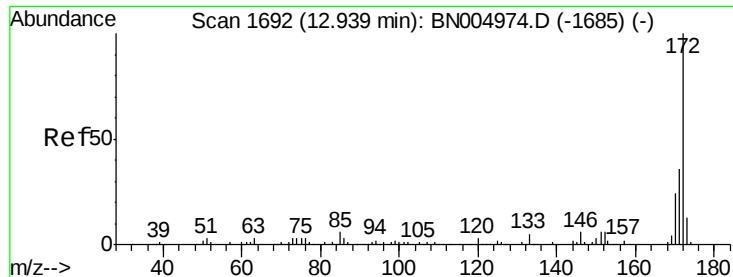
Tot Ion:164 Resp: 16432
Ion Ratio Lower Upper
164 100
162 103.0 83.8 125.6
160 45.4 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 57.128 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Tgt Ion:330 Resp: 15140
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 24.7 20.3 30.5

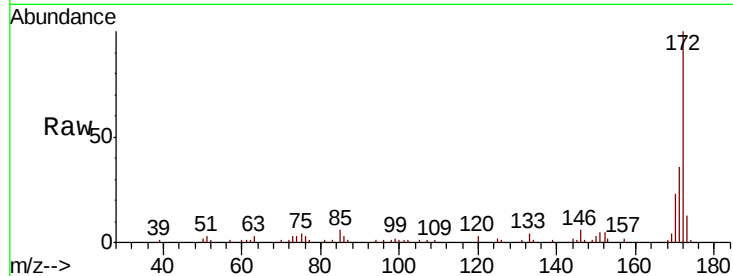




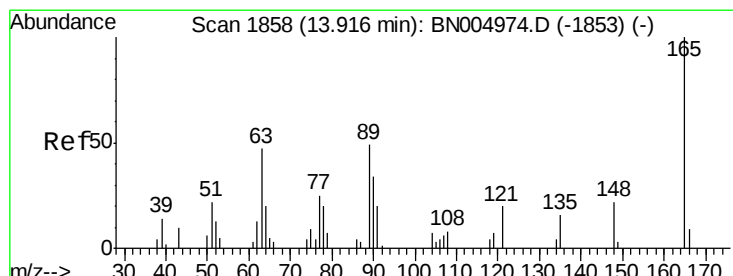
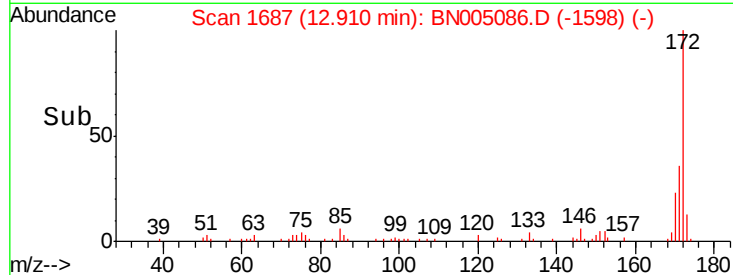
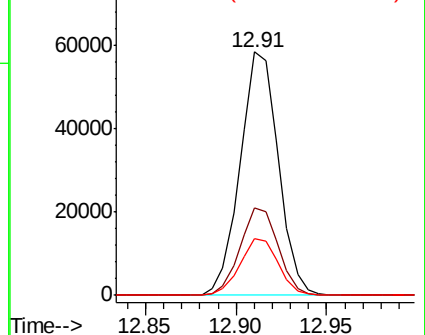
#45
 2-Fluorobiphenyl
 Concen: 68.822 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN005086.D
 Acq: 04 Apr 2019 09:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 85342
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.7 43.1
 170 23.4 18.8 28.2

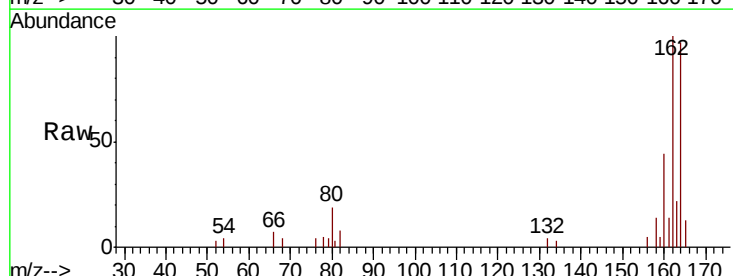


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

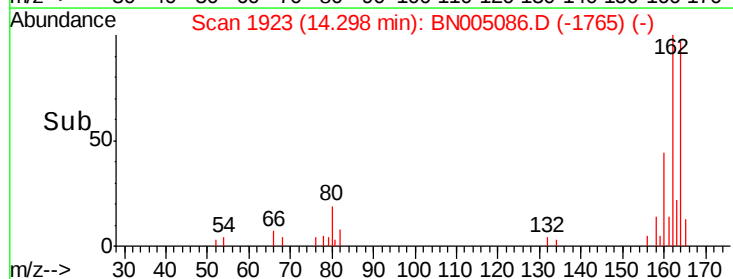
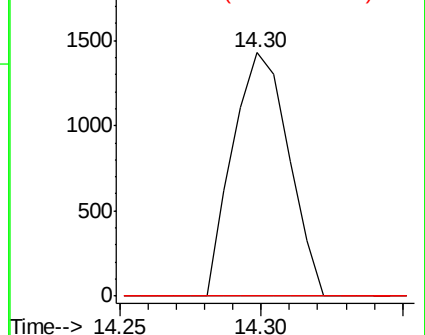


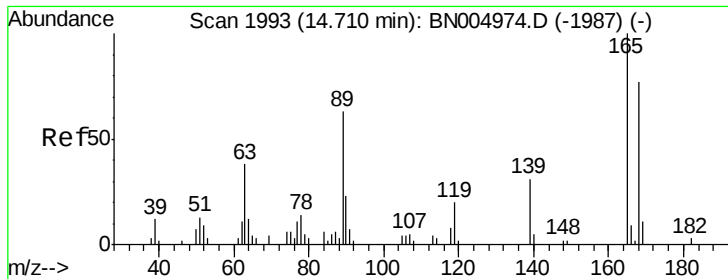
#51
 2,6-Dinitrotoluene
 Concen: 6.406 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.40 min
 Lab File: BN005086.D
 Acq: 04 Apr 2019 09:52

Tgt Ion:165 Resp: 1968
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.2 51.4#
 89 0.0 36.9 55.3#



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

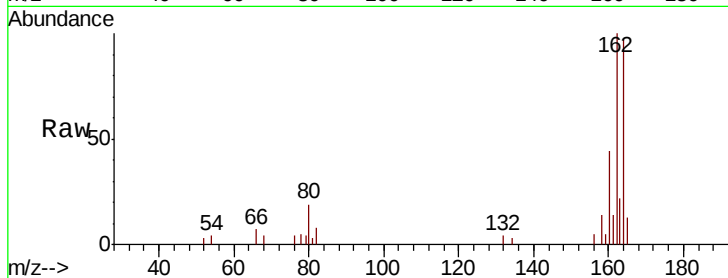




#57
 2,4-Dinitrotoluene
 Concen: 4.714 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.39 min
 Lab File: BN005086.D
 Acq: 04 Apr 2019 09:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.6	44.4#
89	0.0	49.7	74.5#
182	0.0	2.4	3.6#

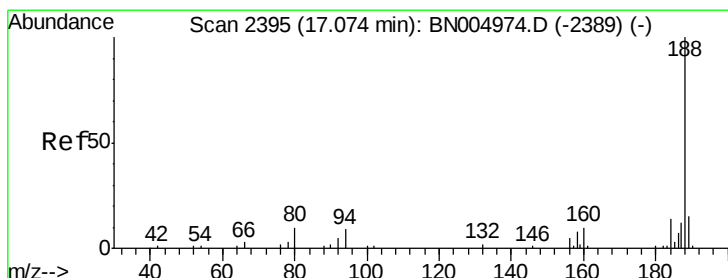
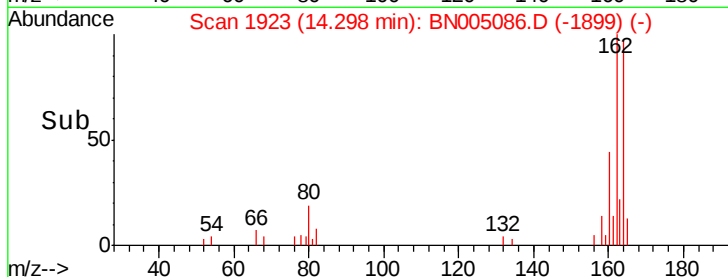
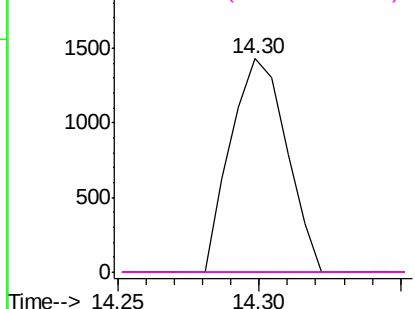


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

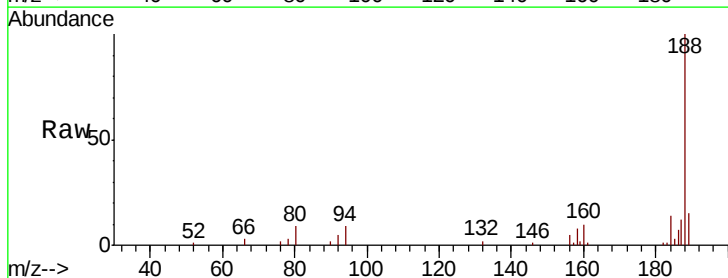
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN005086.D
 Acq: 04 Apr 2019 09:52

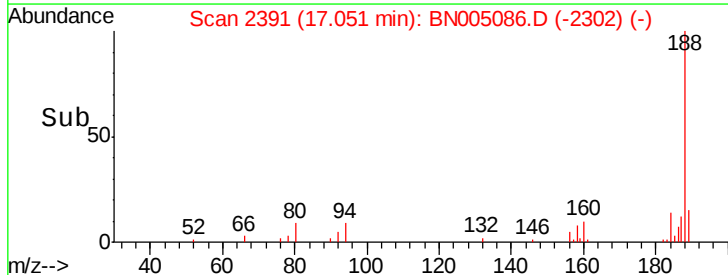
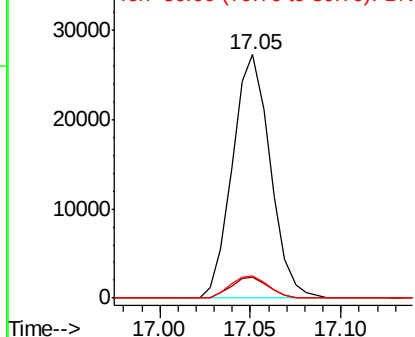
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.4	7.1	10.7

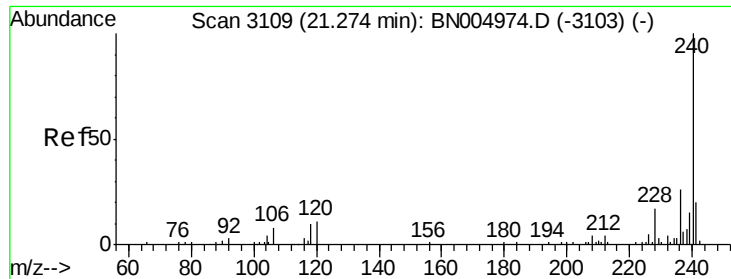


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

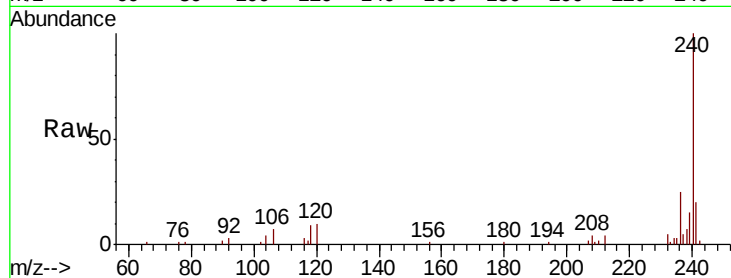




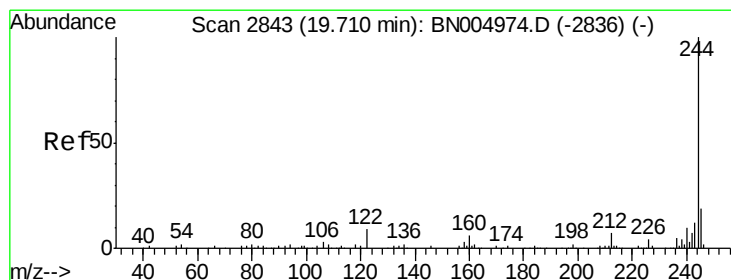
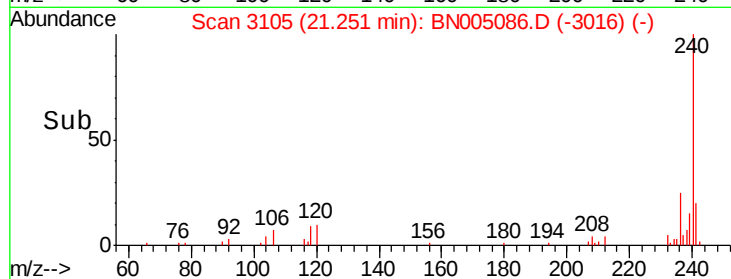
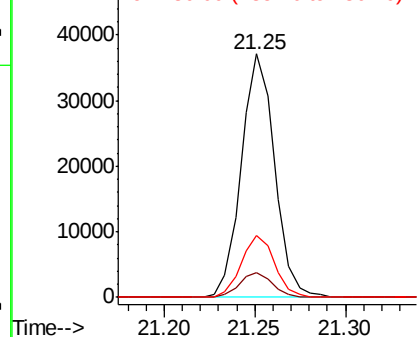
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 47327
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.5 20.4 30.6

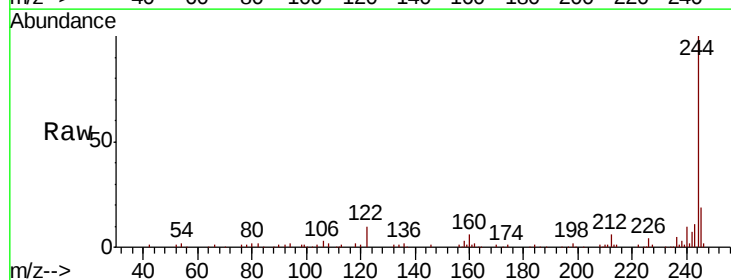


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

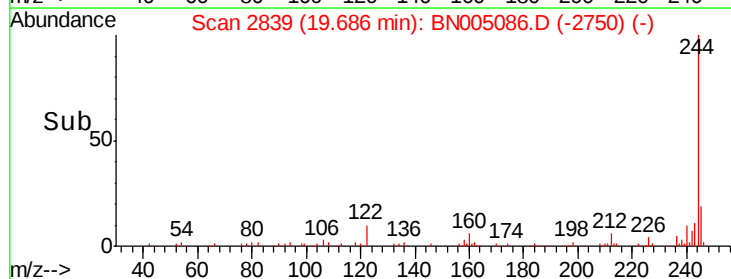
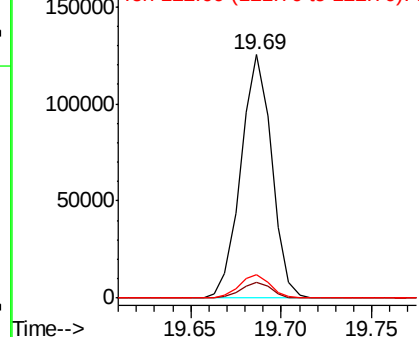


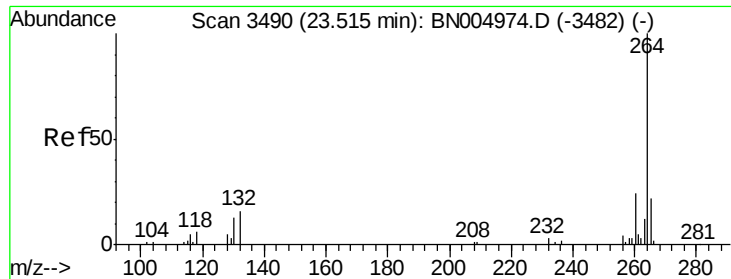
#79
Terphenyl-d14
Concen: 60.299 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Tgt Ion:244 Resp: 148229
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 9.6 7.8 11.6



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

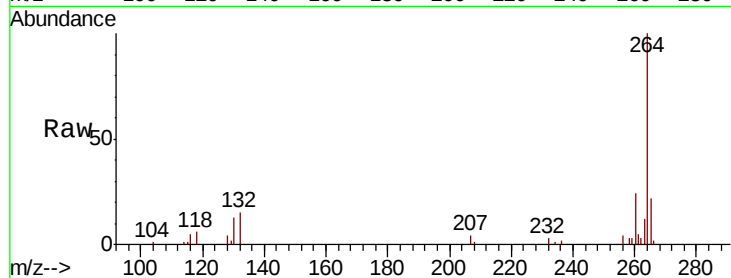




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BN005086.D
Acq: 04 Apr 2019 09:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	264	Resp:	49021
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.6	17.4	26.2



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

