

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005089.D
 Acq On : 04 Apr 2019 11:38
 Operator : JU/SJ
 Sample : K2224-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 04 15:04:06 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

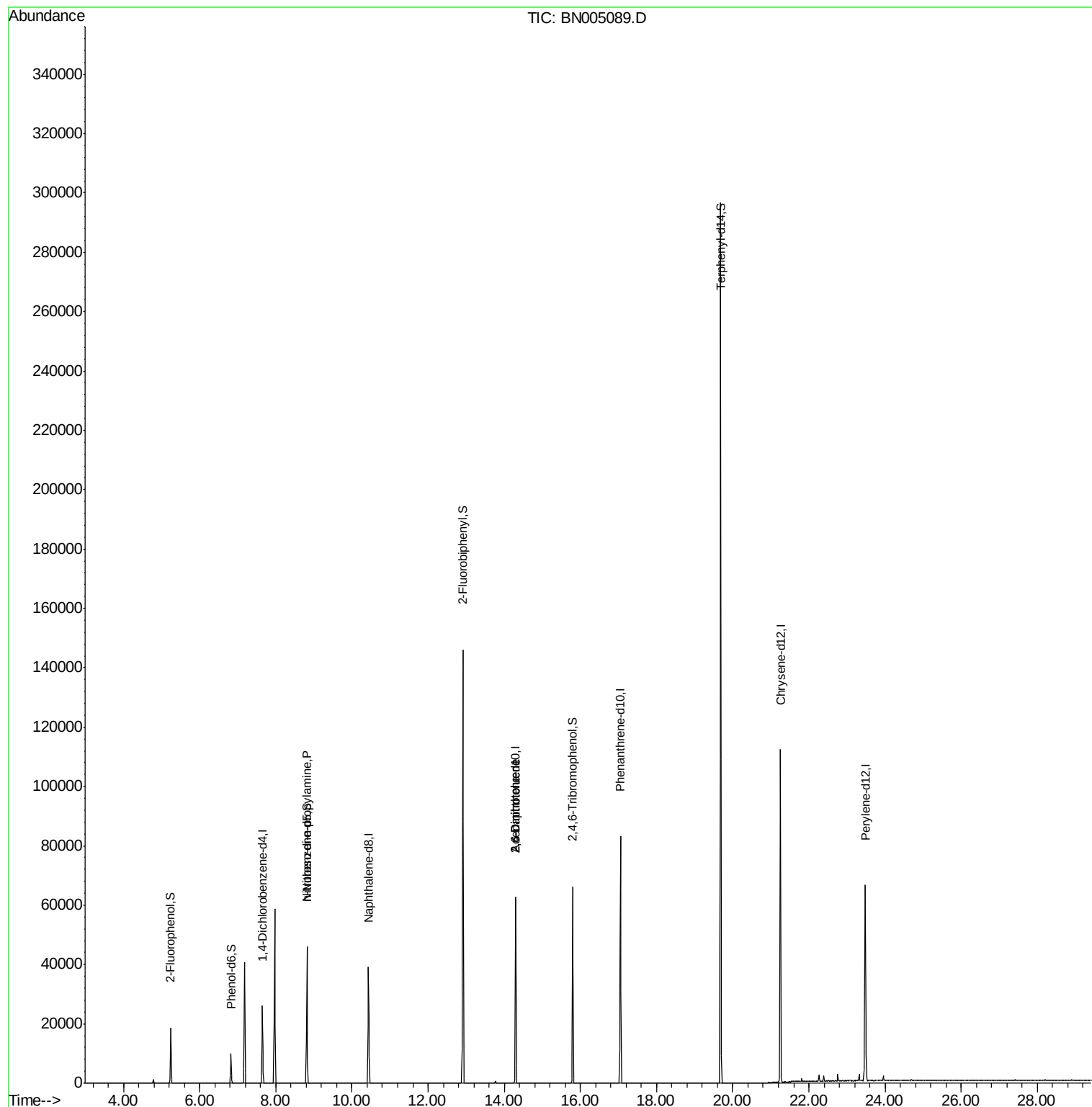
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8542	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	35844	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	21989	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	51362	20.00	ng	0.00
76) Chrysene-d12	21.25	240	55701	20.00	ng	0.00
87) Perylene-d12	23.48	264	53864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	10349	20.95	ng	0.00
7) Phenol-d6	6.82	99	7824	11.94	ng	0.00
23) Nitrobenzene-d5	8.82	82	27939	47.15	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	16428	46.32	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	80665	48.61	ng	0.00
79) Terphenyl-d14	19.69	244	140761	48.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	3399	7.912	ng	# 75
51) 2,6-Dinitrotoluene	14.30	165	2711	6.595	ng	# 32
57) 2,4-Dinitrotoluene	14.30	165	2711	4.853	ng	# 28

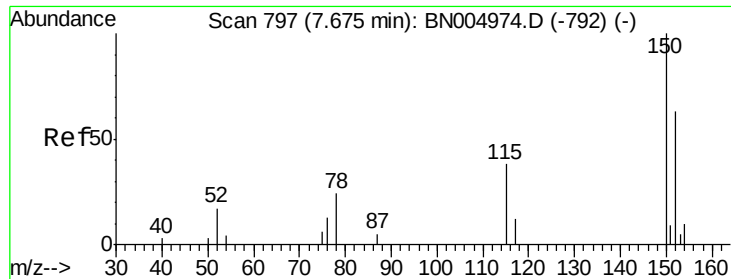
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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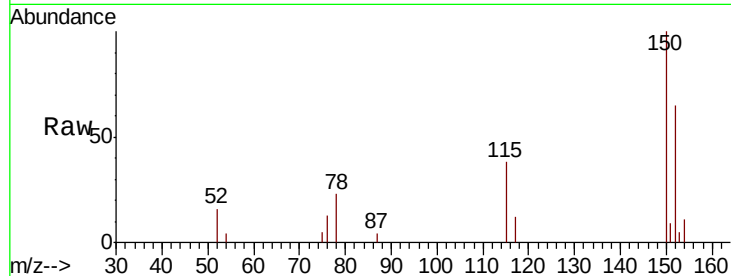


#1

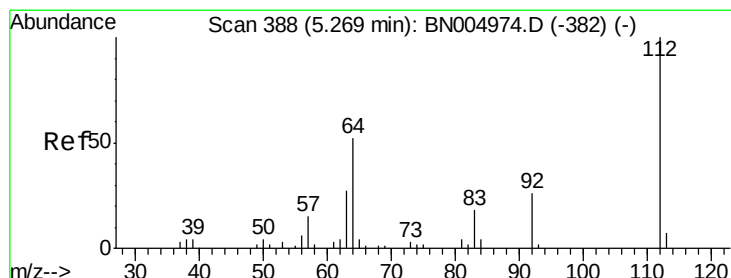
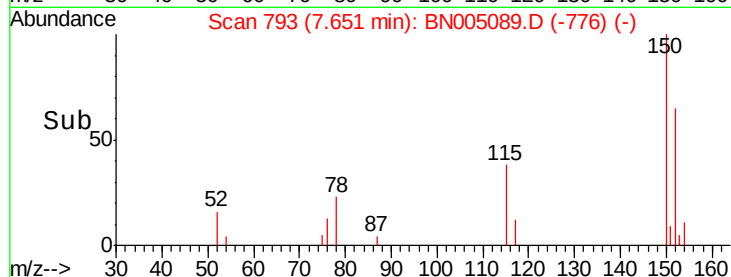
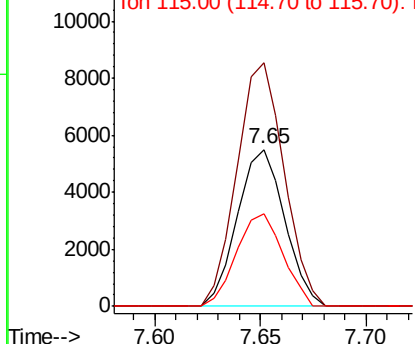
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 8542
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 59.1 47.9 71.9



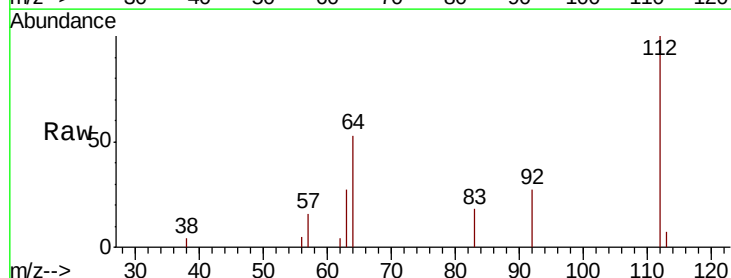
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



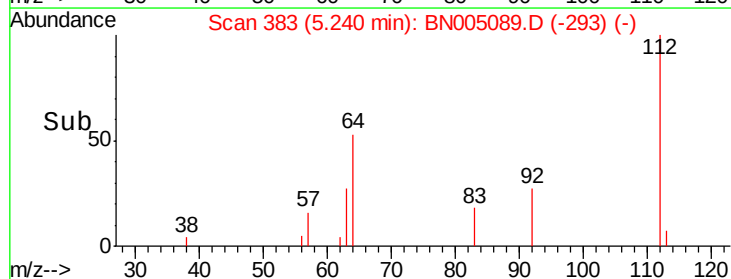
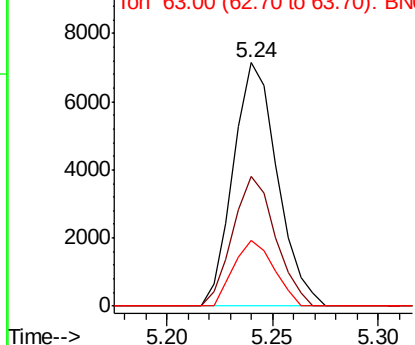
#5

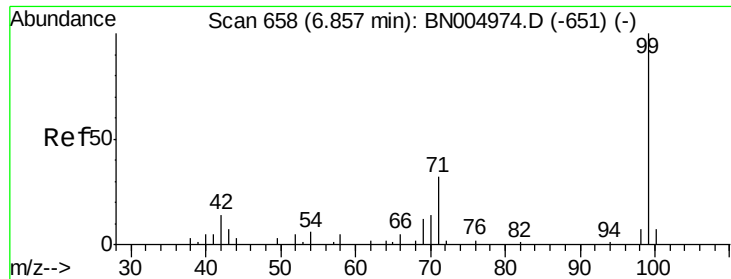
2-Fluorophenol
Concen: 20.946 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.00 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Tgt Ion:112 Resp: 10349
Ion Ratio Lower Upper
112 100
64 53.4 41.2 61.8
63 27.0 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: 11.939 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Instrument :

BNA_N

ClientSampled :

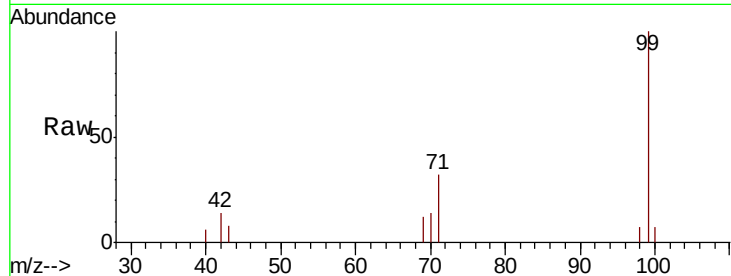
Tot Ion: 99 Resp: 7824

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

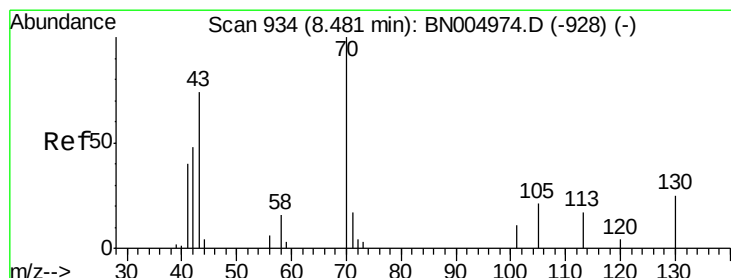
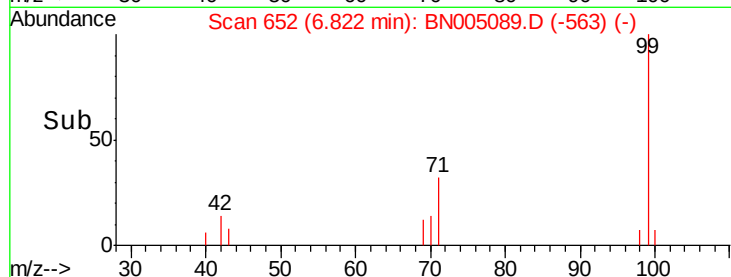
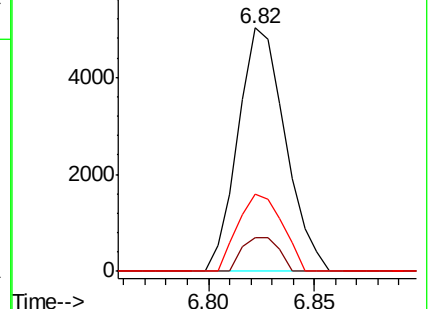
71 31.8 25.8 38.8



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: 7.912 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.36 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Tgt Ion: 70 Resp: 3399

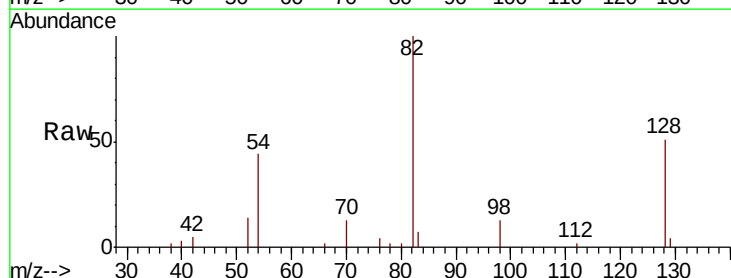
Ion Ratio Lower Upper

70 100

42 39.6 36.7 55.1

101 0.0 8.7 13.1#

130 0.0 20.2 30.2#

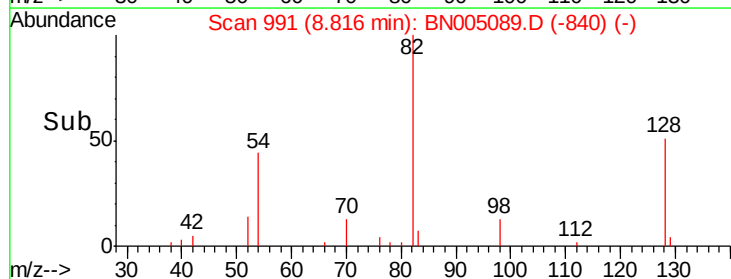
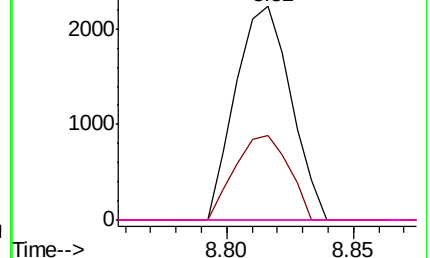


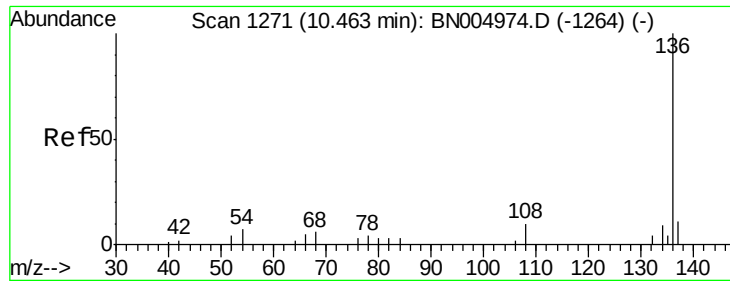
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

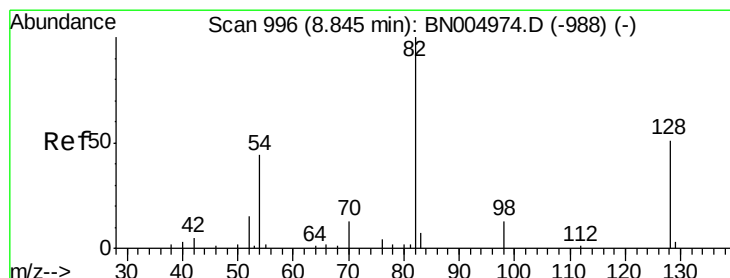
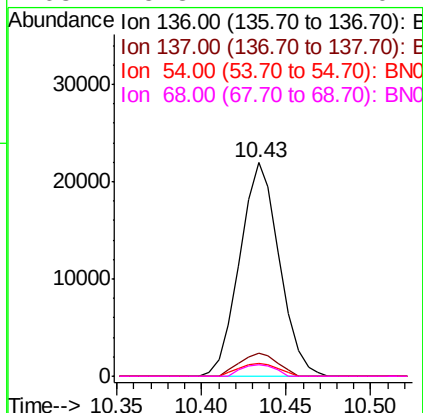
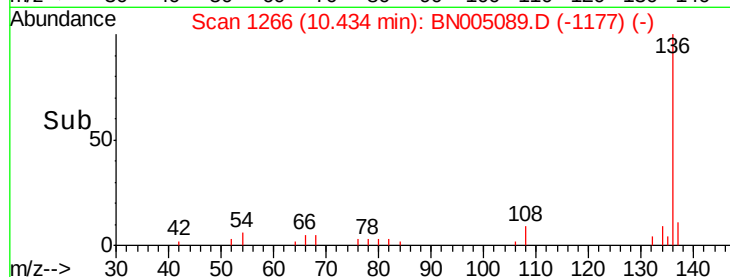
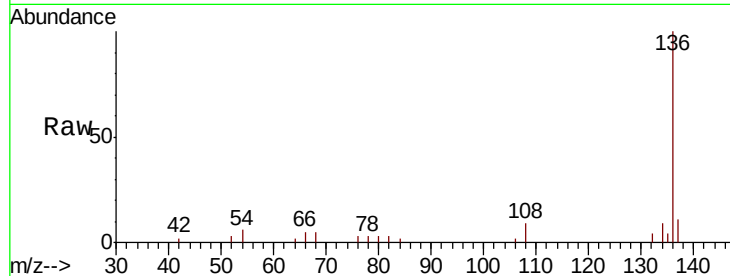




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

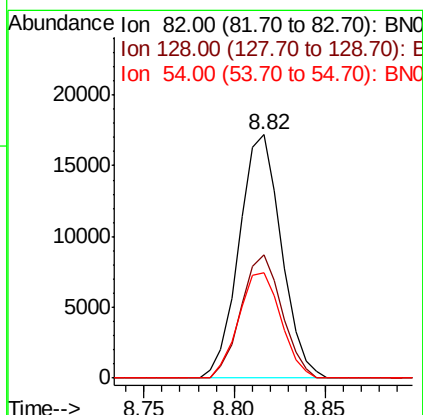
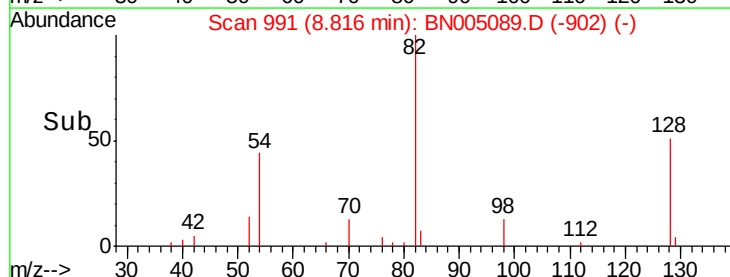
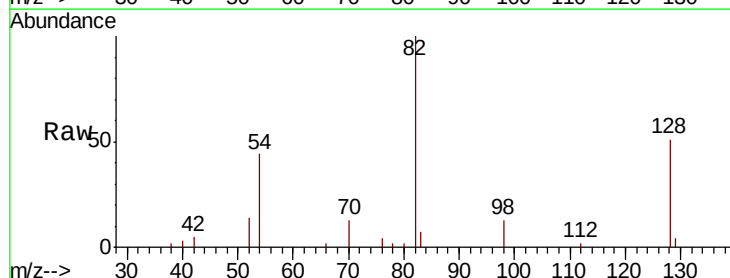
Instrument :
BNA_N
ClientSampleId :

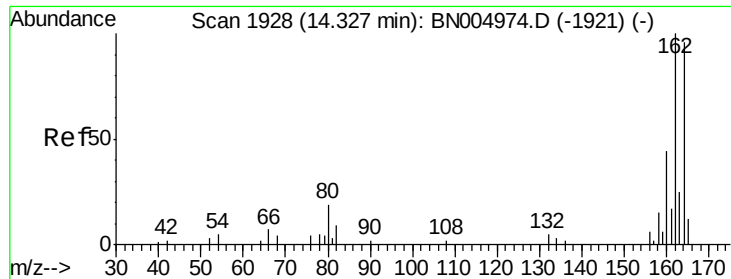
Tot Ion:136	Resp:	35844	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	12.8	
54 6.3	5.0	7.4	
68 5.3	4.2	6.4	



#23
Nitrobenzene-d5
Concen: 47.151 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Tgt Ion: 82	Resp: 27939
Ion Ratio	Lower Upper
82 100	
128 50.5	40.6 60.8
54 43.5	34.4 51.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

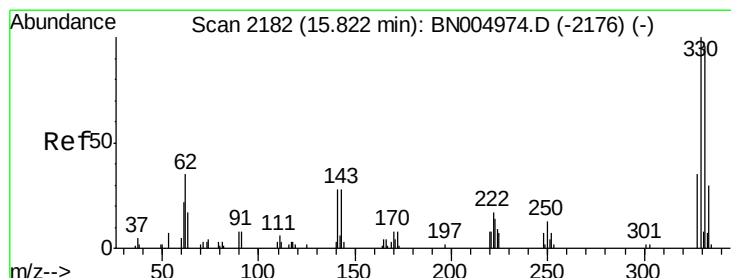
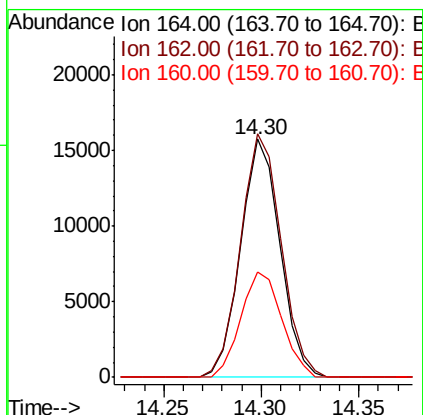
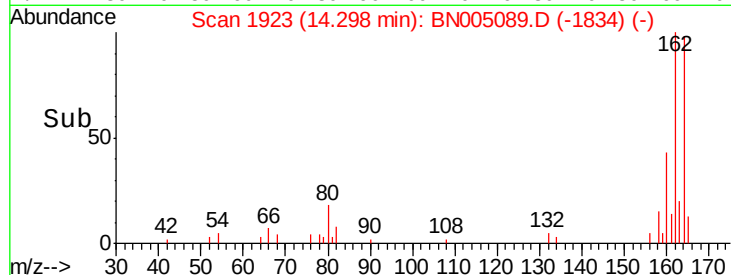
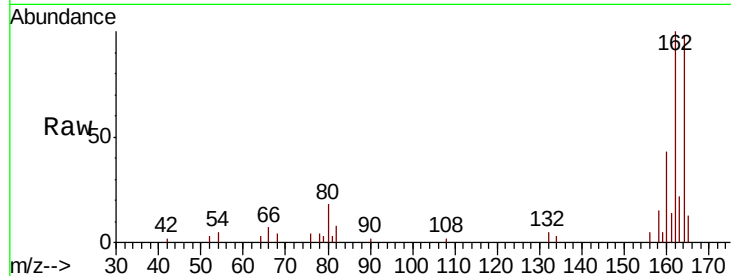
Tot Ion:164 Resp: 21989

Ion Ratio Lower Upper

164 100

162 102.3 83.8 125.6

160 44.0 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 46.323 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

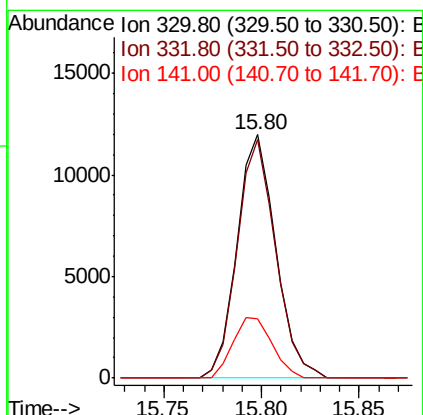
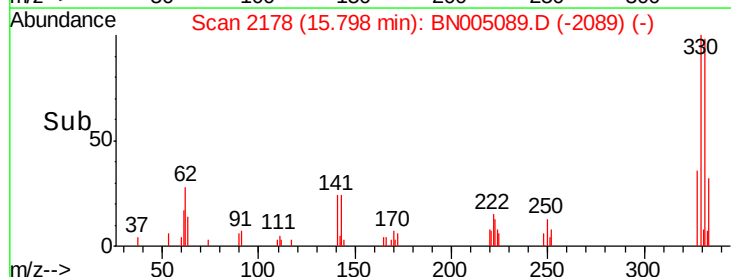
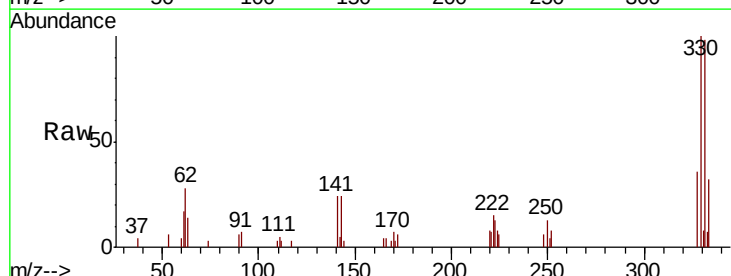
Tgt Ion:330 Resp: 16428

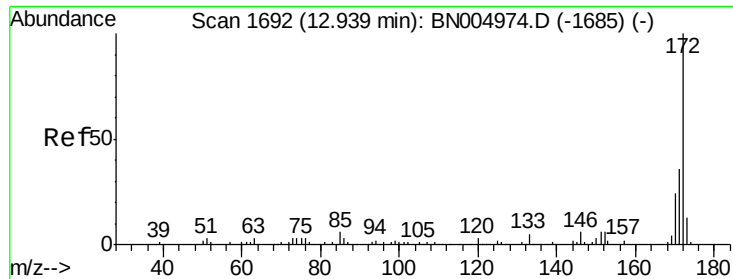
Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

141 25.4 20.3 30.5

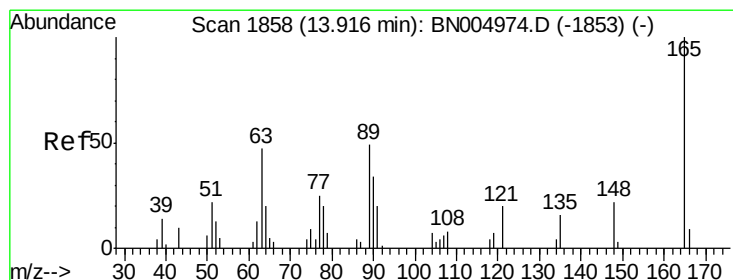
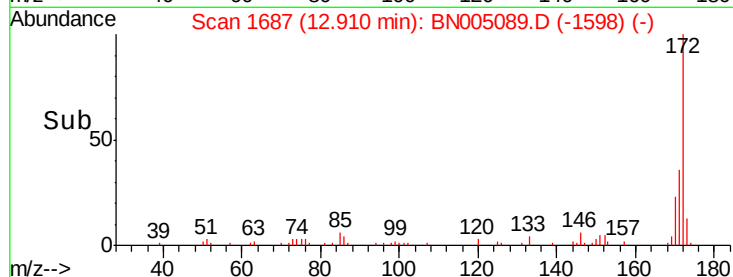
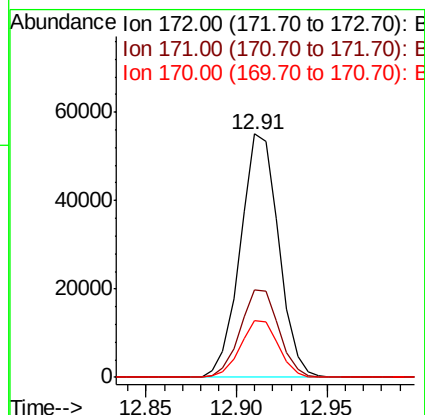
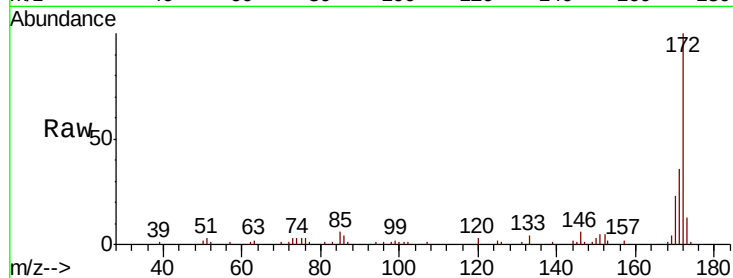




#45
 2-Fluorobiphenyl
 Concen: 48.611 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN005089.D
 Acq: 04 Apr 2019 11:38

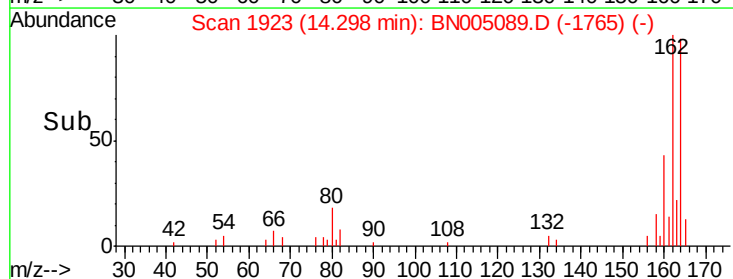
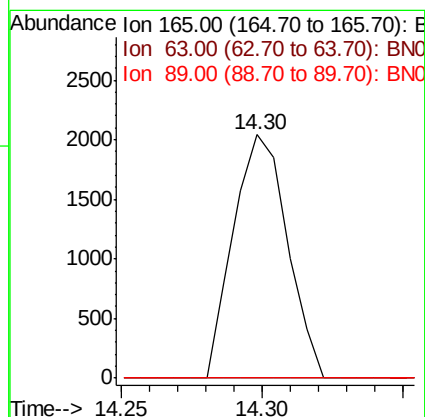
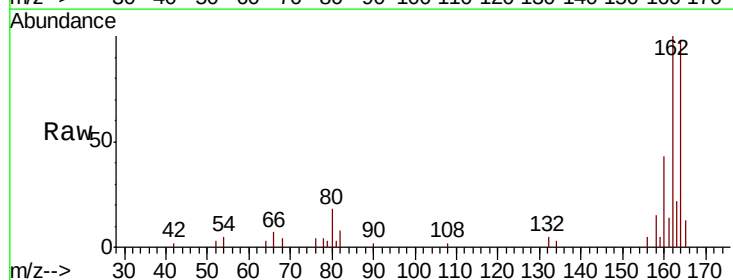
Instrument :
 BNA_N
 ClientSampleId :

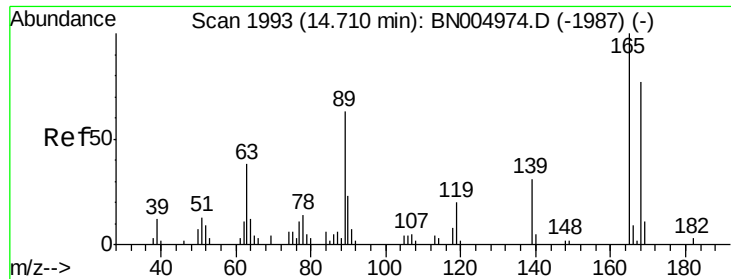
Tot Ion:172 Resp: 80665
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.7 43.1
 170 23.1 18.8 28.2



#51
 2,6-Dinitrotoluene
 Concen: 6.595 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.40 min
 Lab File: BN005089.D
 Acq: 04 Apr 2019 11:38

Tgt Ion:165 Resp: 2711
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.2 51.4#
 89 0.0 36.9 55.3#

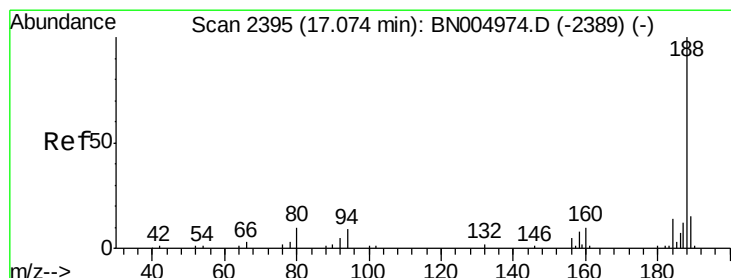
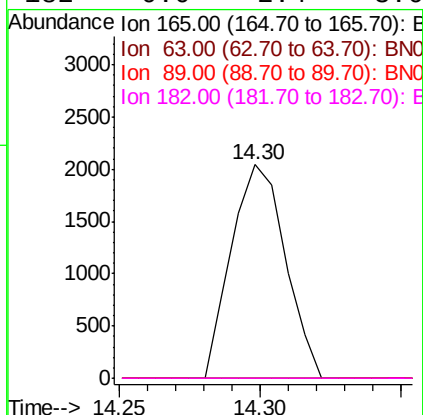
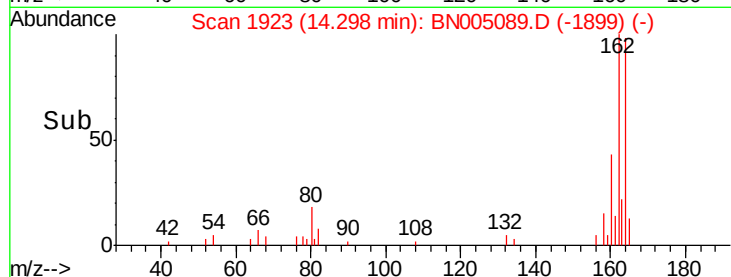
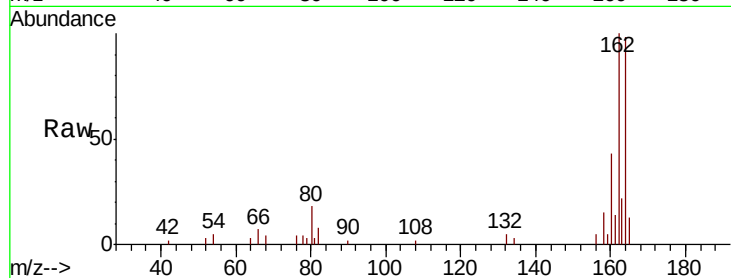




#57
 2,4-Dinitrotoluene
 Concen: 4.853 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.39 min
 Lab File: BN005089.D
 Acq: 04 Apr 2019 11:38

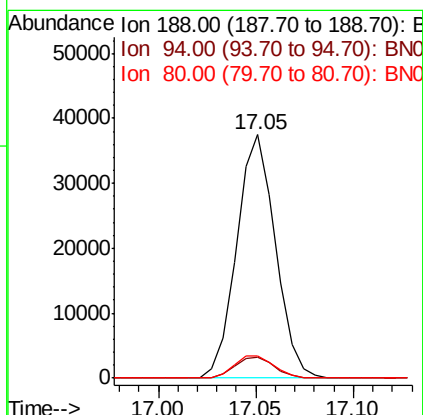
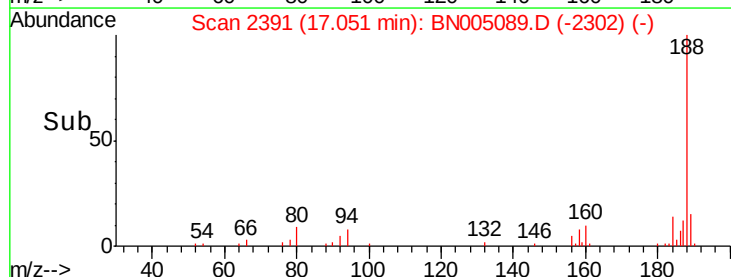
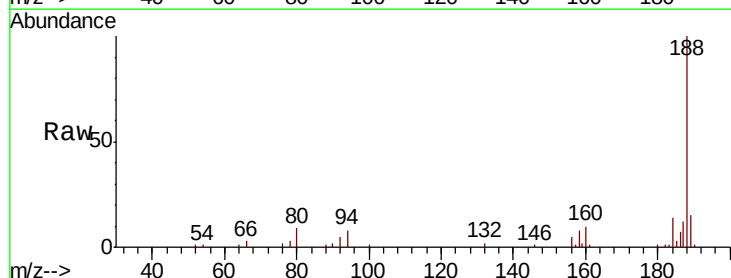
Instrument :
 BNA_N
 ClientSampleId :

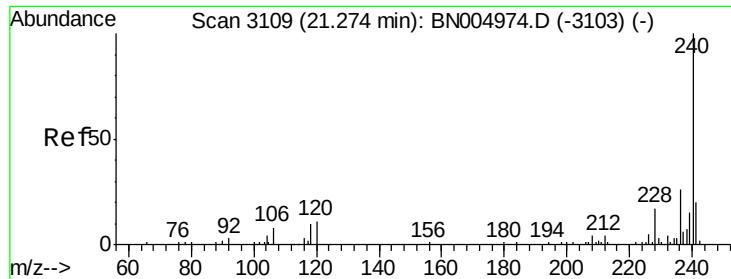
Tot Ion:165 Resp: 2711
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.6 44.4#
 89 0.0 49.7 74.5#
 182 0.0 2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN005089.D
 Acq: 04 Apr 2019 11:38

Tgt Ion:188 Resp: 51362
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.6 10.0
 80 9.1 7.1 10.7

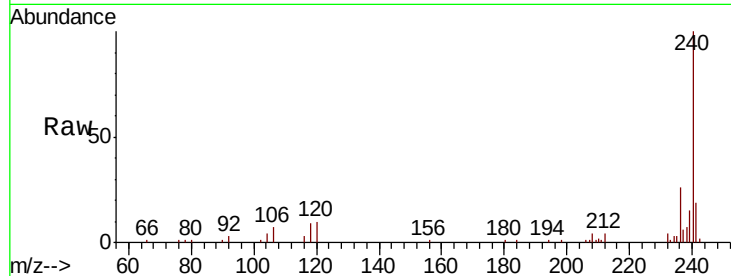




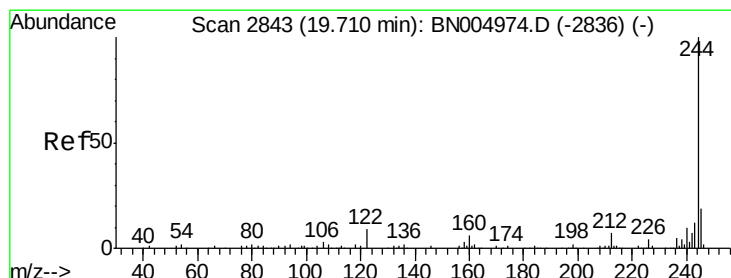
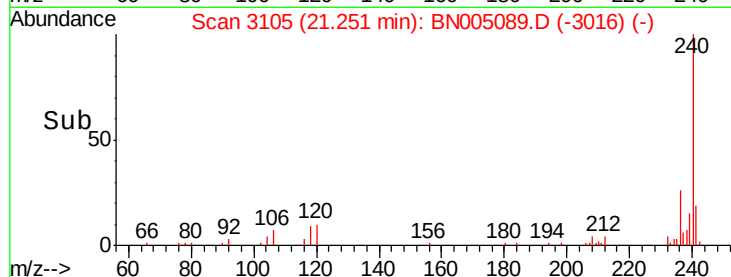
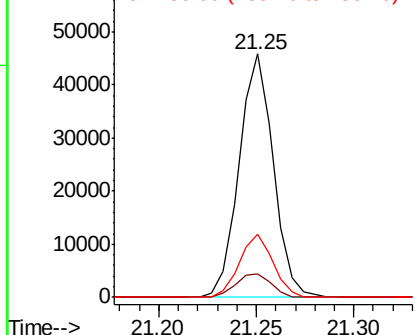
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 55701
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 25.8 20.4 30.6

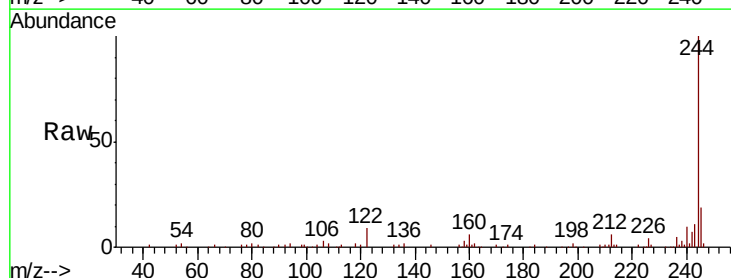


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

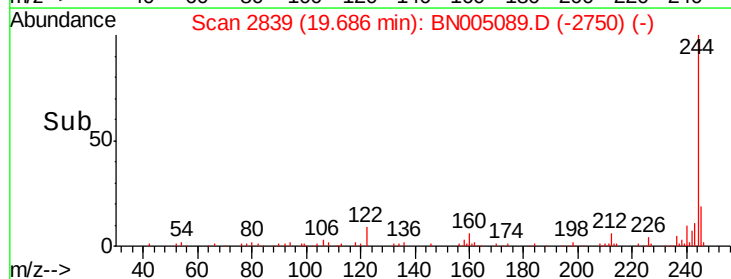
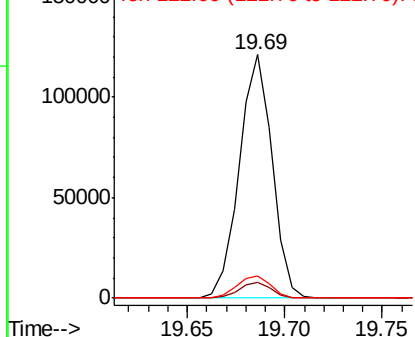


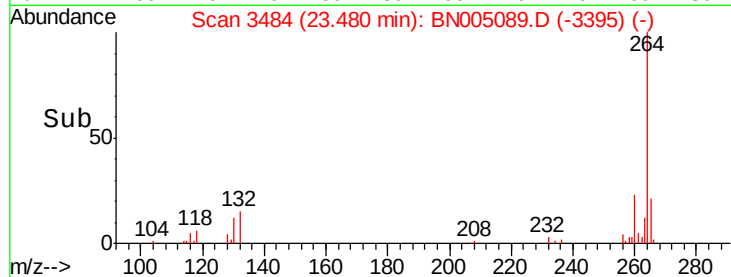
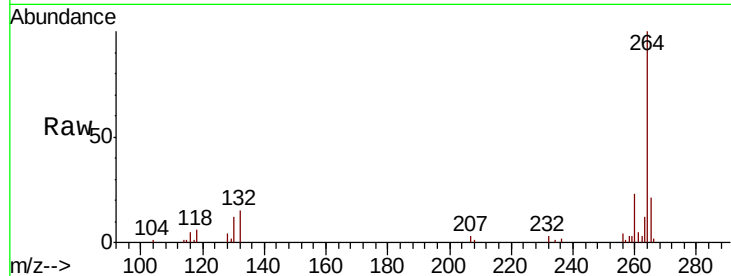
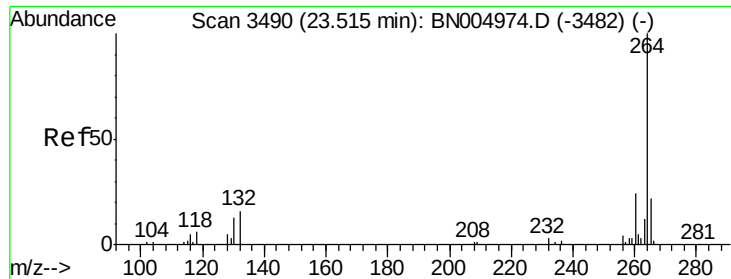
#79
Terphenyl-d14
Concen: 48.653 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Tgt Ion:244 Resp: 140761
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 9.0 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: BN005089.D
 Acq: 04 Apr 2019 11:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.5	17.4	26.2

