

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032719\
 Data File : BN004997.D
 Acq On : 27 Mar 2019 16:19
 Operator : JU/SJ
 Sample : PB118303BL
 Misc : MDL 8 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BL

Quant Time: Mar 28 04:49:22 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

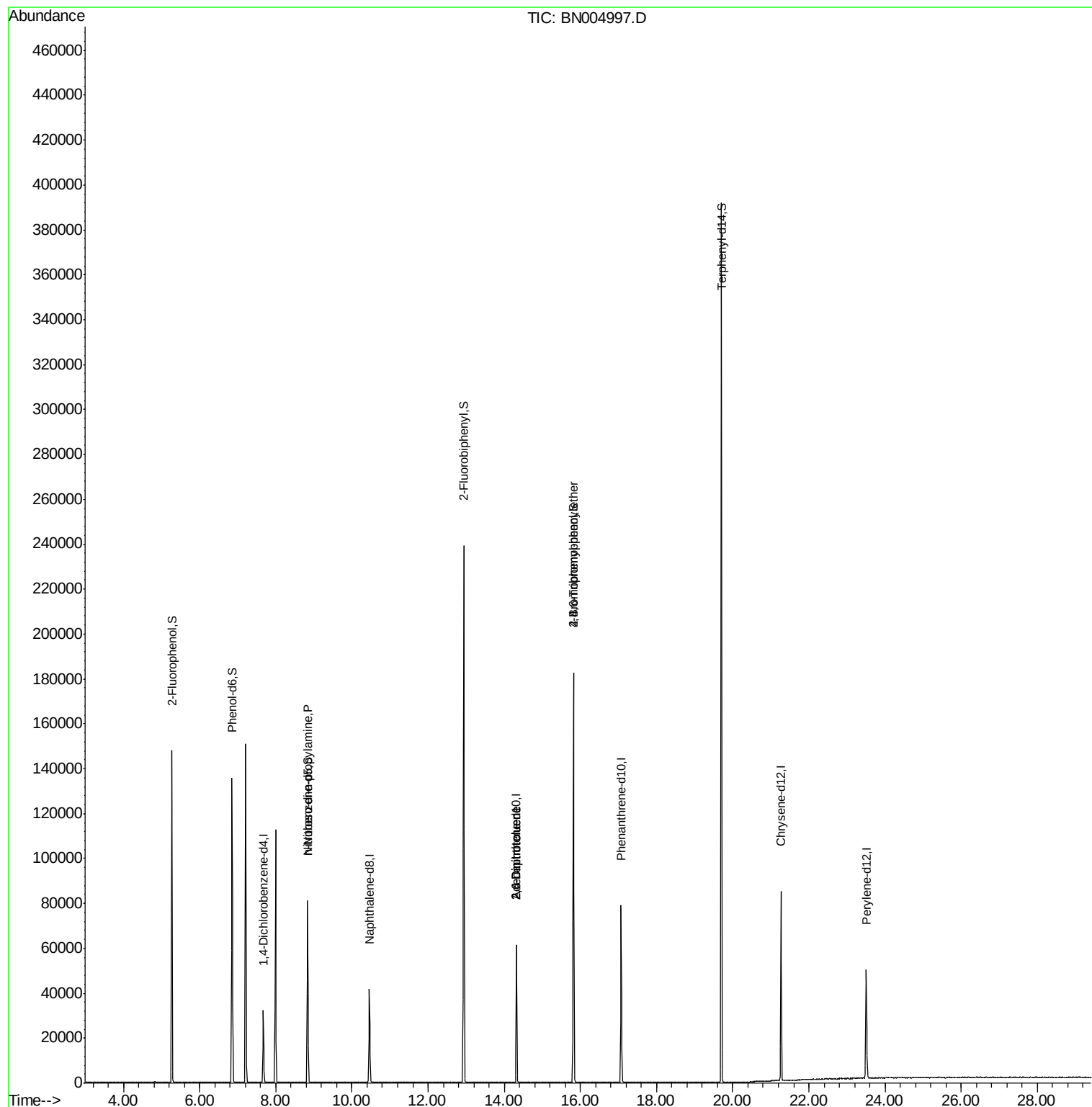
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9860	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38359	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21743	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	49860	20.00	ng	0.00
76) Chrysene-d12	21.27	240	46500	20.00	ng	0.00
87) Perylene-d12	23.50	264	41667	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	65547	114.93	ng	0.00
7) Phenol-d6	6.85	99	83891	110.91	ng	0.00
23) Nitrobenzene-d5	8.84	82	47571	75.02	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	41147	117.34	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	125951	76.76	ng	0.00
79) Terphenyl-d14	19.70	244	188304	77.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.84	70	5970	12.039	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.32	165	2599	6.394	ng	# 29
57) 2,4-Dinitrotoluene	14.32	165	2599	4.705	ng	# 27
67) 4-Bromophenyl-phenylether	15.82	248	2405	3.865	ng	# 1

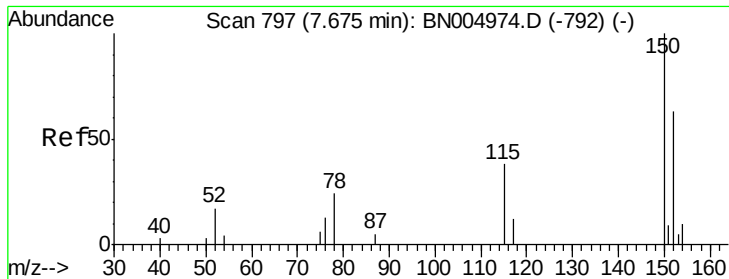
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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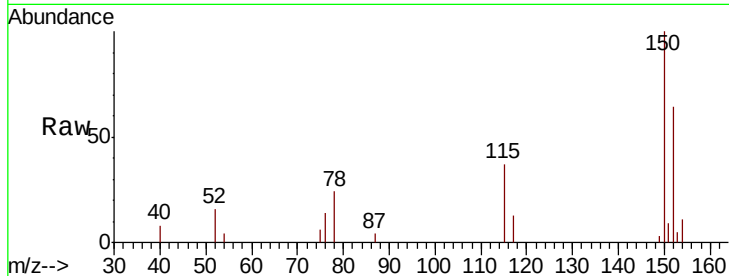




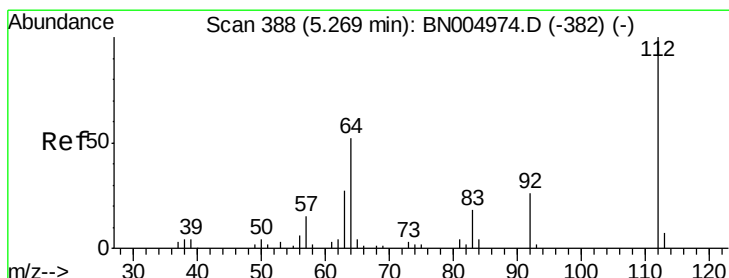
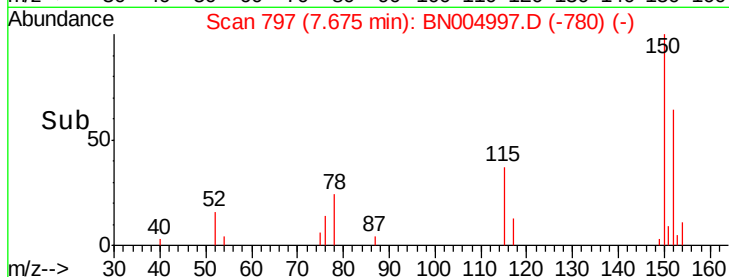
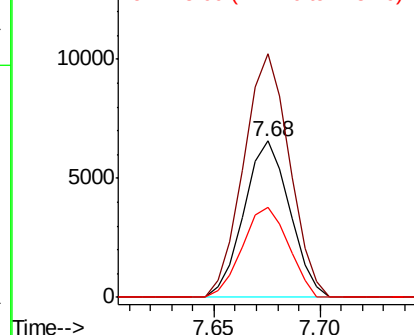
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BL

Tgt Ion:152 Resp: 9860
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 57.9 47.8 71.6

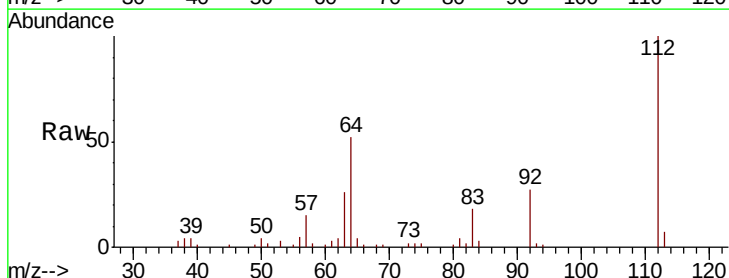


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

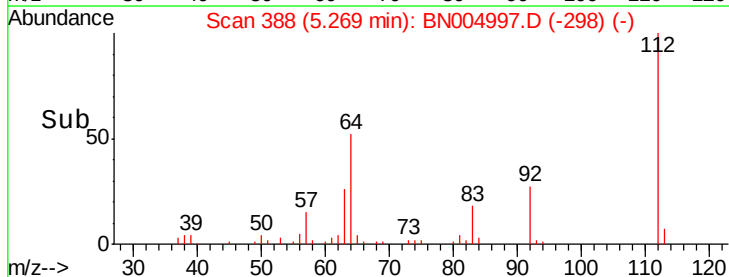
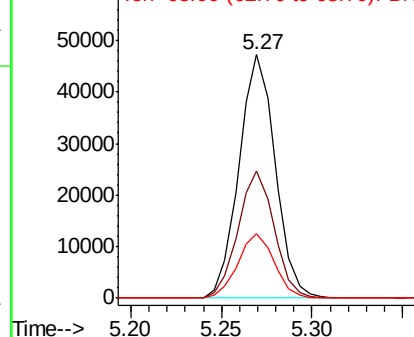


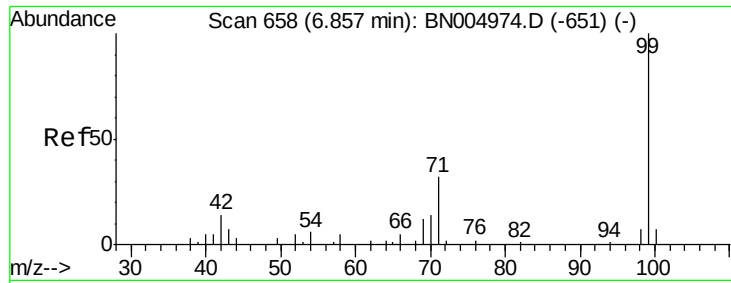
#5
 2-Fluorophenol
 Concen: 114.933 ng
 RT: 5.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Tgt Ion:112 Resp: 65547
 Ion Ratio Lower Upper
 112 100
 64 52.1 41.9 62.9
 63 26.4 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: 110.905 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004997.D

Acq: 27 Mar 2019 16:19

Instrument :

BNA_N

ClientSampleId :

PB118303BL

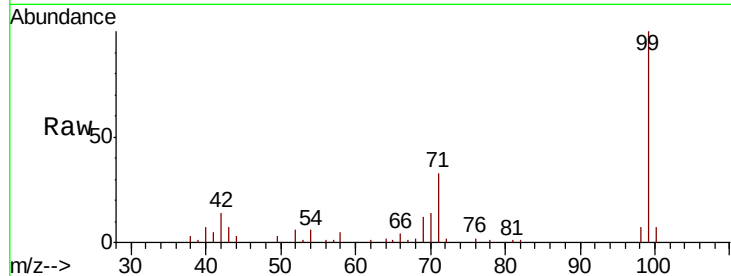
Tgt Ion: 99 Resp: 83891

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

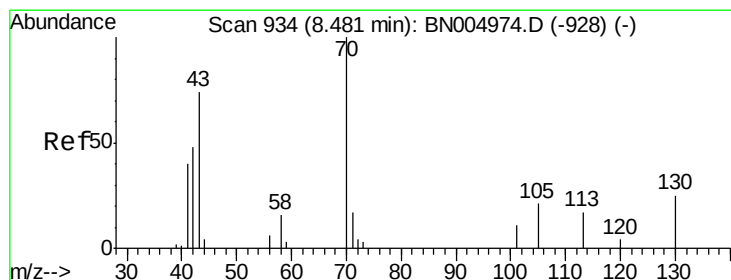
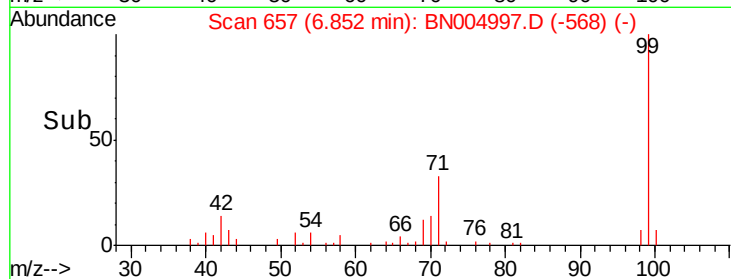
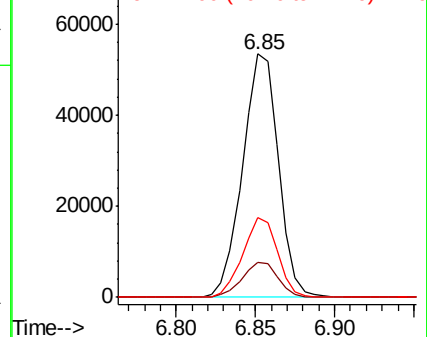
71 32.7 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004997.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004997.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004997.D (-651) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 12.039 ng

RT: 8.84 min Scan# 995

Delta R.T. 0.36 min

Lab File: BN004997.D

Acq: 27 Mar 2019 16:19

Tgt Ion: 70 Resp: 5970

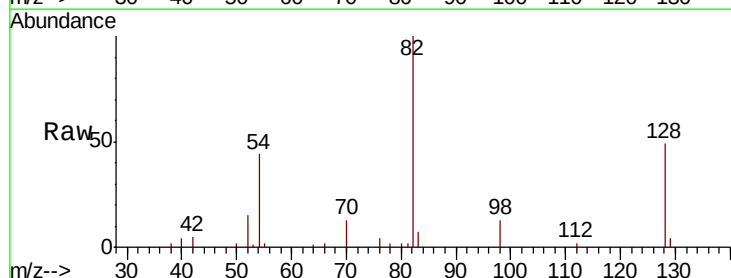
Ion Ratio Lower Upper

70 100

42 39.0 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

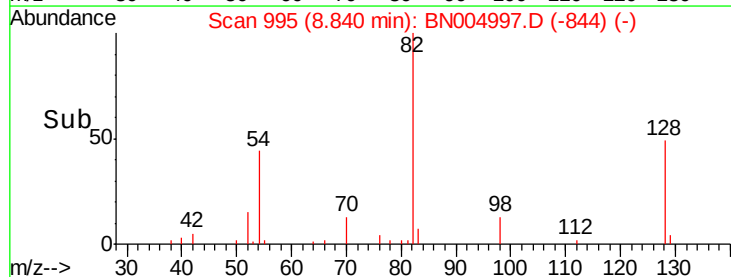
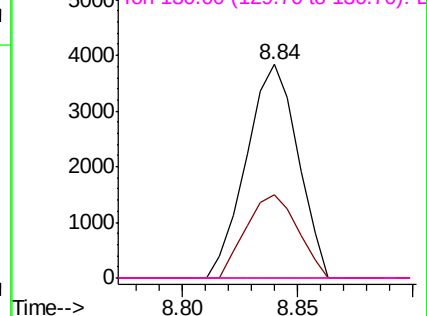


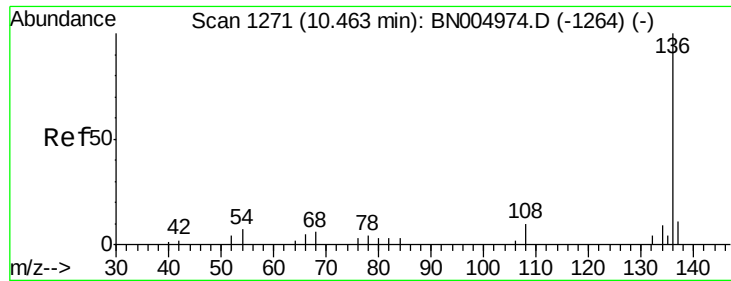
Abundance Ion 70.00 (69.70 to 70.70): BN004997.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004997.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004997.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004997.D (-928) (-)

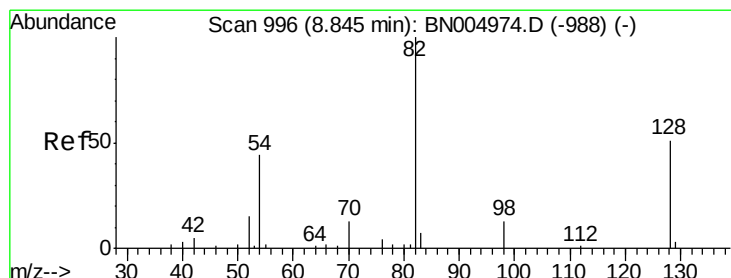
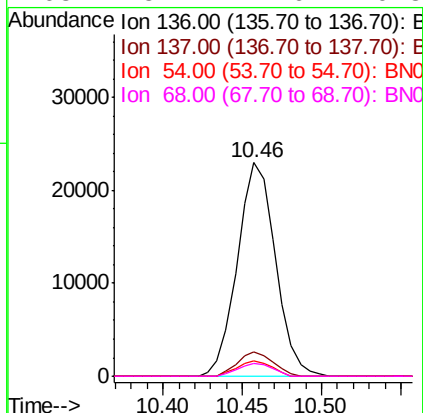
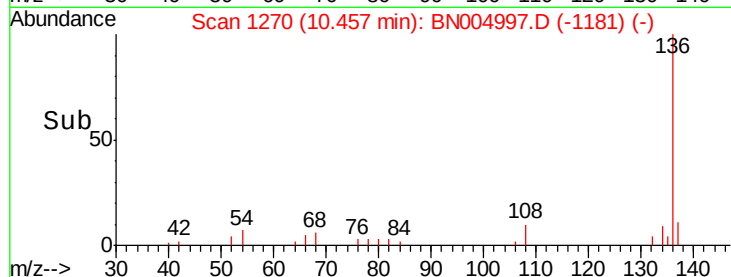
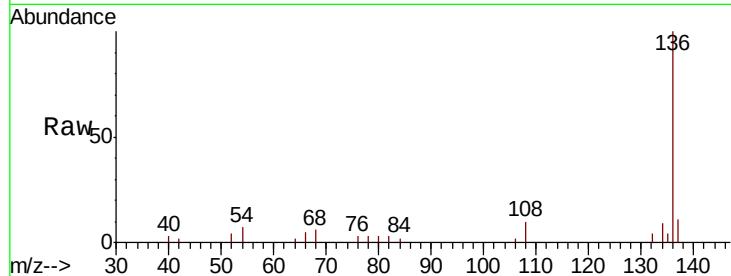




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN004997.D
Acq: 27 Mar 2019 16:19

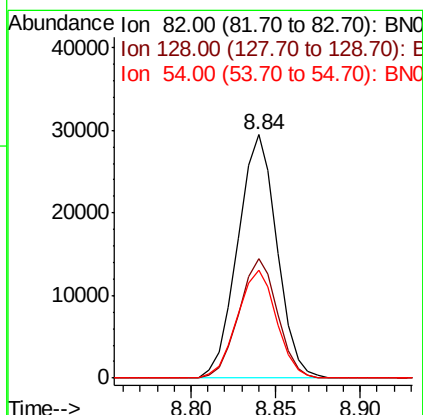
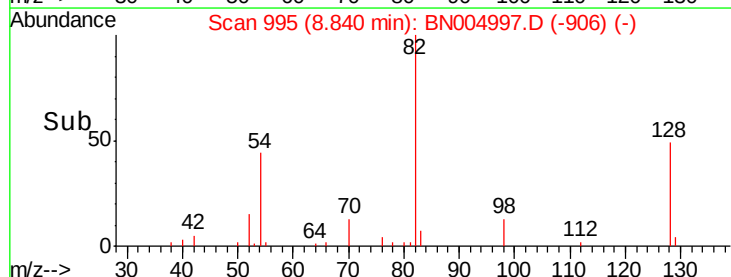
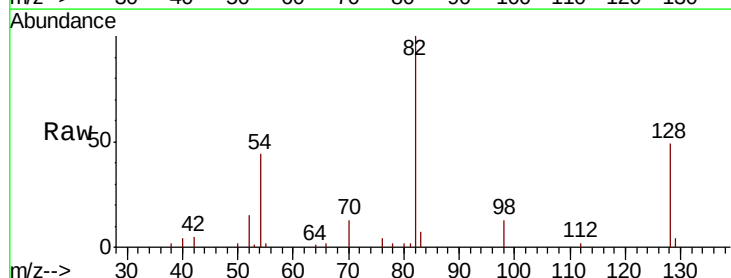
Instrument :
BNA_N
ClientSampleId :
PB118303BL

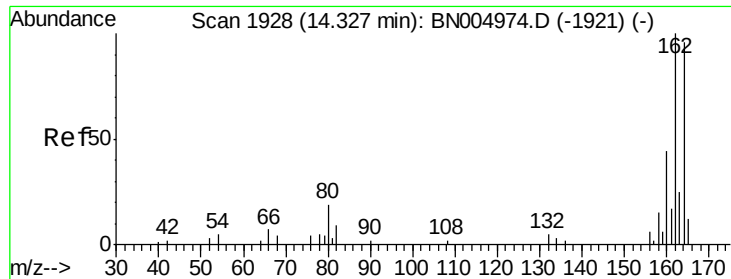
Tgt Ion:	136	Resp:	38359
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	5.3	7.9
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 75.019 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004997.D
Acq: 27 Mar 2019 16:19

Tgt Ion:	82	Resp:	47571
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	44.3	35.2	52.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004997.D

Acq: 27 Mar 2019 16:19

Instrument :

BNA_N

ClientSampleId :

PB118303BL

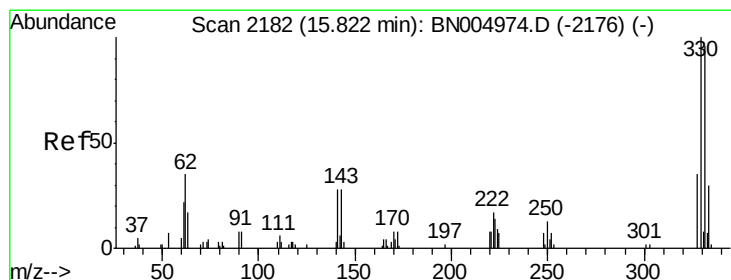
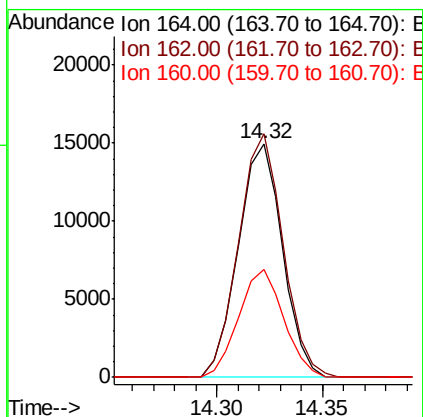
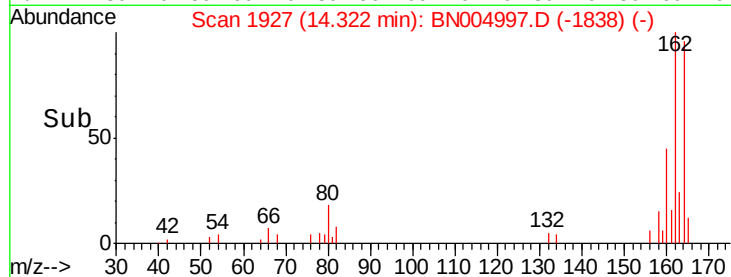
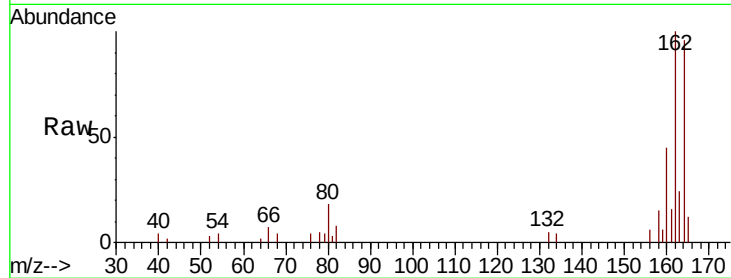
Tgt Ion:164 Resp: 21743

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

160 46.4 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 117.337 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN004997.D

Acq: 27 Mar 2019 16:19

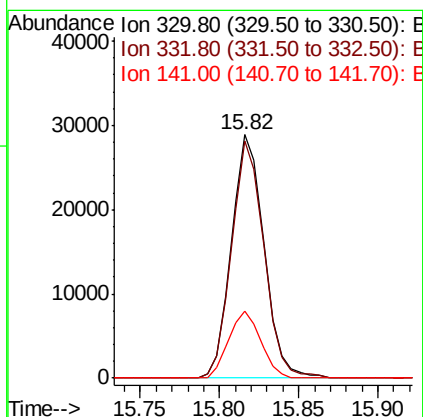
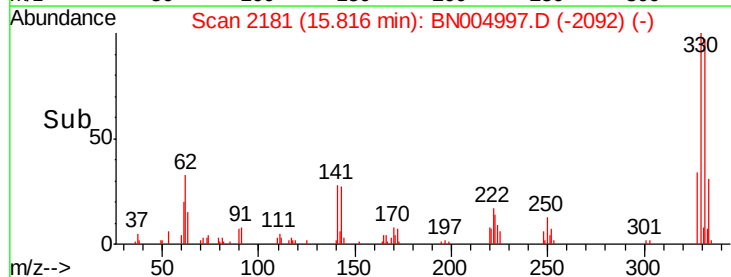
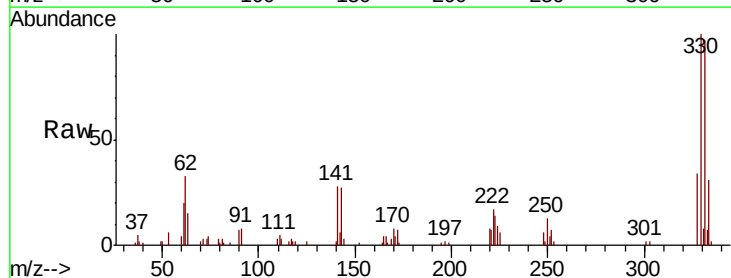
Tgt Ion:330 Resp: 41147

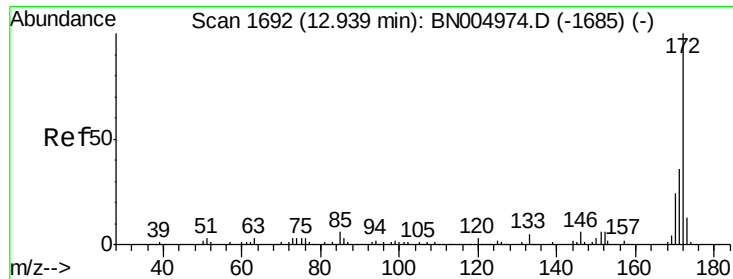
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 26.9 22.1 33.1

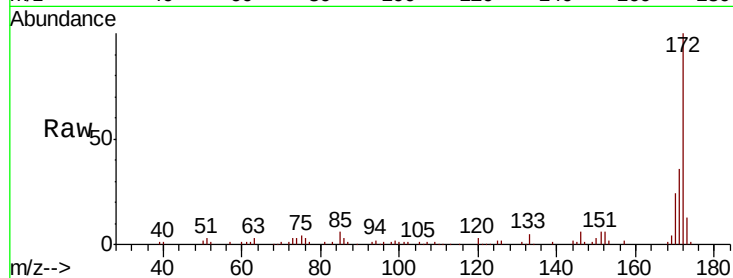




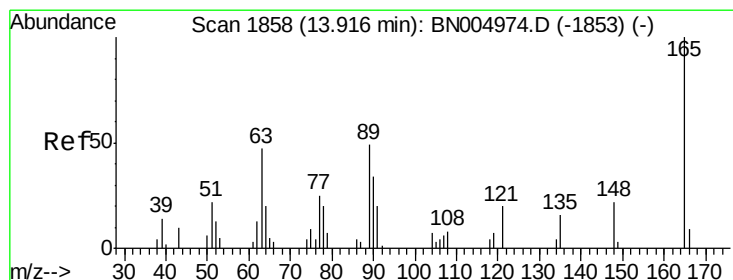
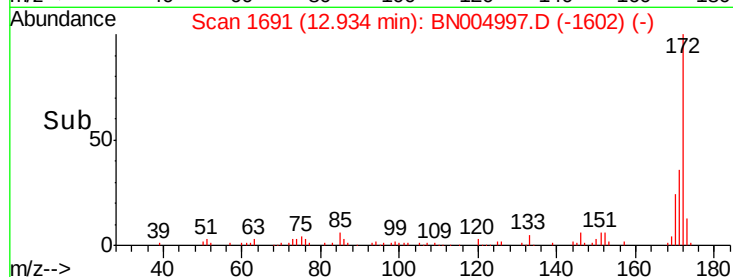
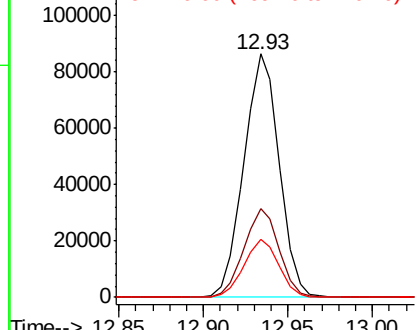
#45
 2-Fluorobiphenyl
 Concen: 76.761 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BL

Tgt Ion:172 Resp: 125951
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 23.6 18.9 28.3

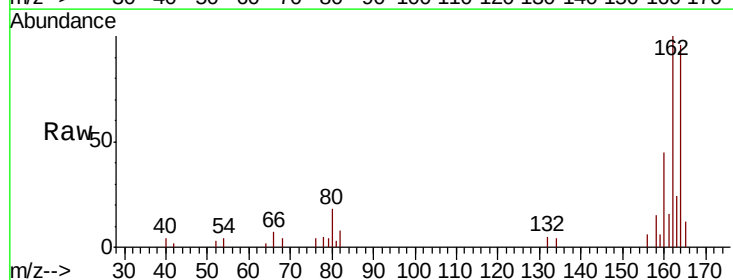


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

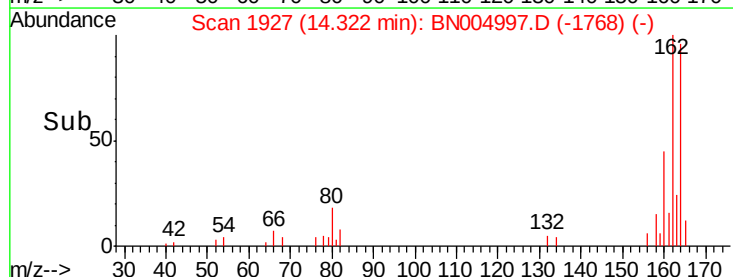
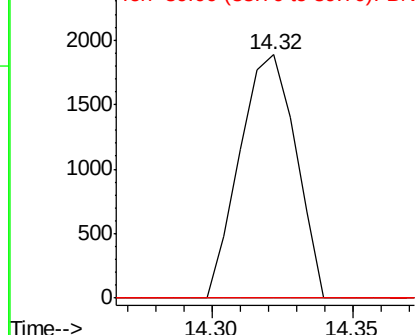


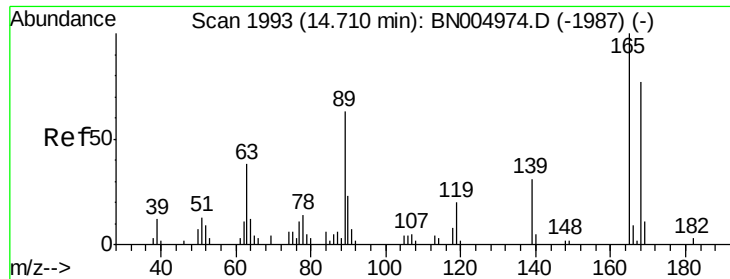
#51
 2,6-Dinitrotoluene
 Concen: 6.394 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. 0.41 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Tgt Ion:165 Resp: 2599
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#



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

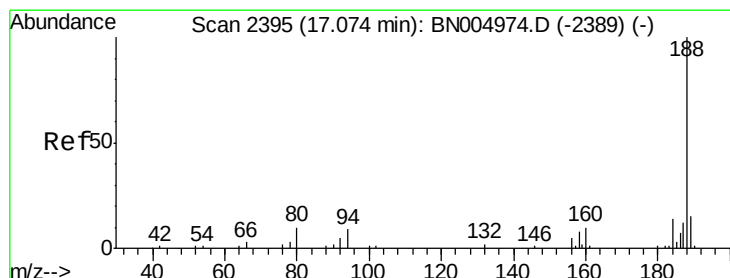
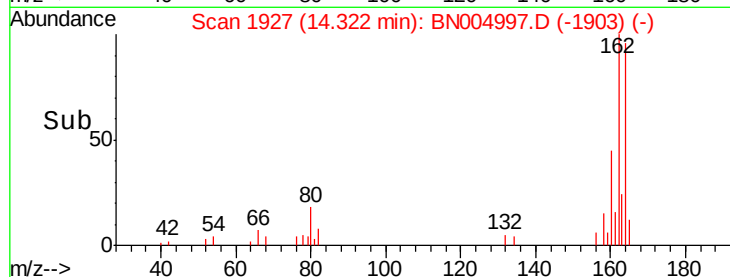
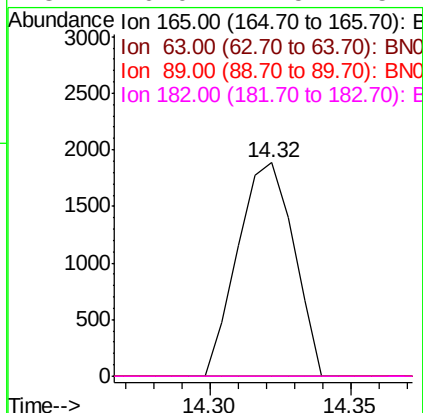
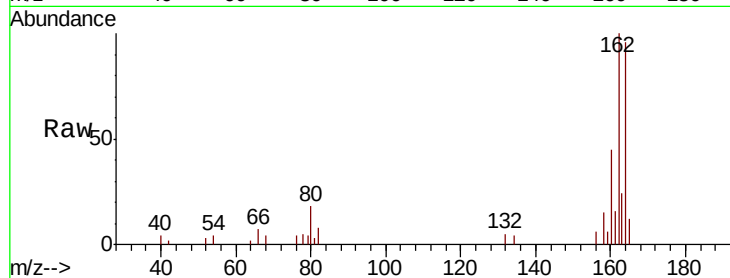




#57
 2,4-Dinitrotoluene
 Concen: 4.705 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. -0.39 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

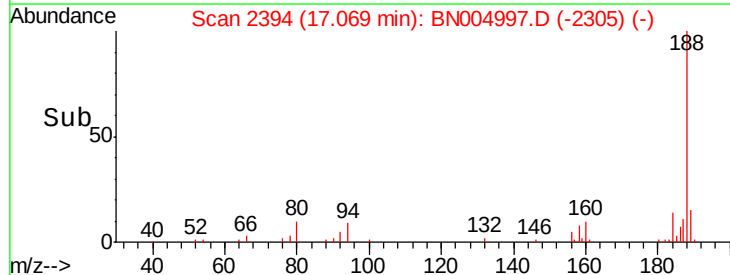
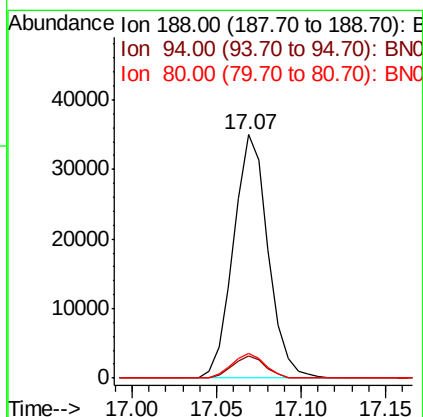
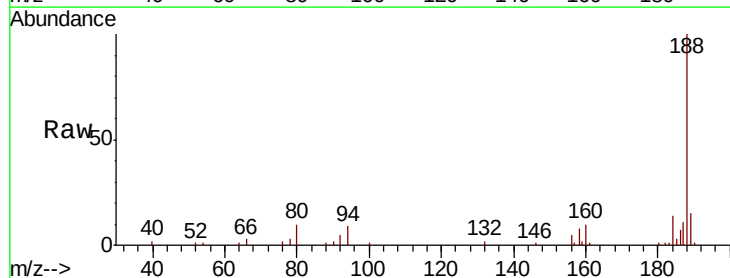
Instrument :
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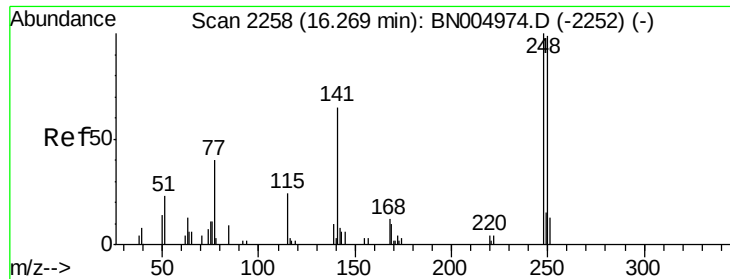
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.8	11.6

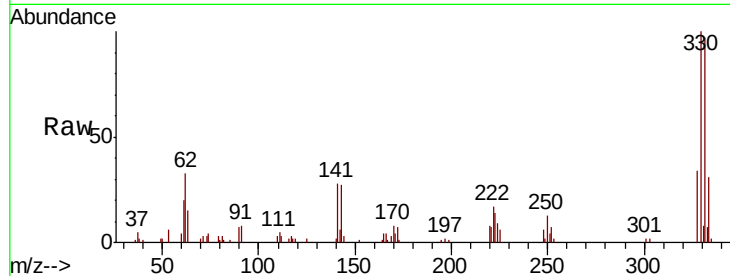




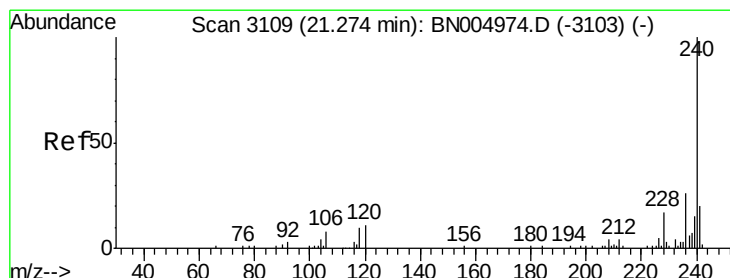
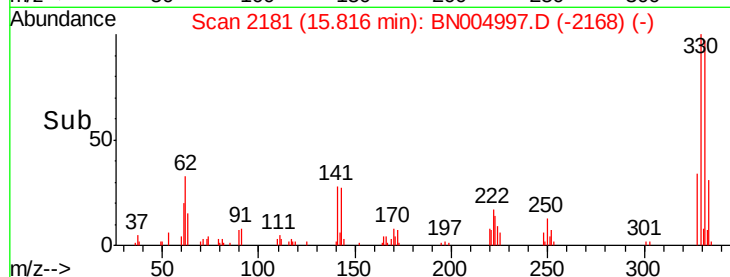
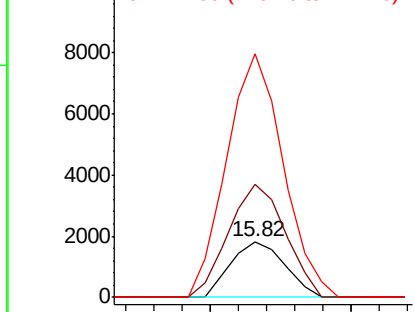
#67
 4-Bromophenyl-phenylether
 Concen: 3.865 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.45 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BL

Tgt Ion:248 Resp: 2405
 Ion Ratio Lower Upper
 248 100
 250 203.2 79.4 119.2#
 141 435.7 52.3 78.5#

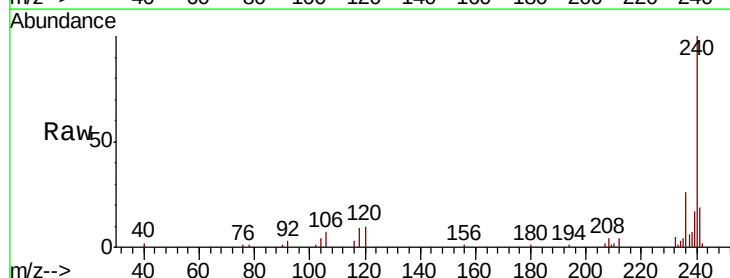


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

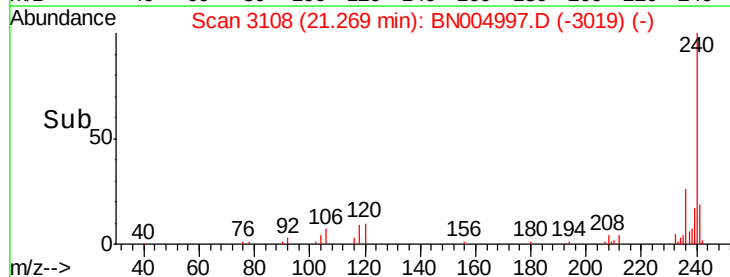
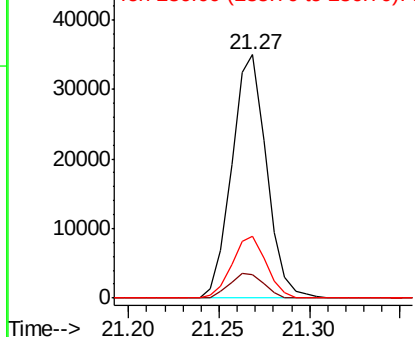


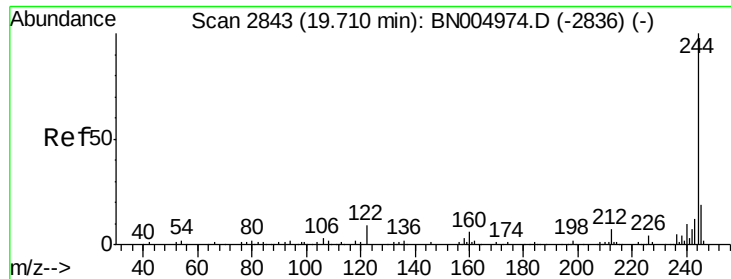
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Tgt Ion:240 Resp: 46500
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.5 12.7
 236 25.5 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

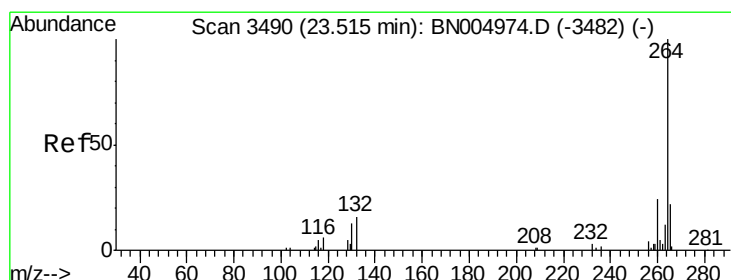
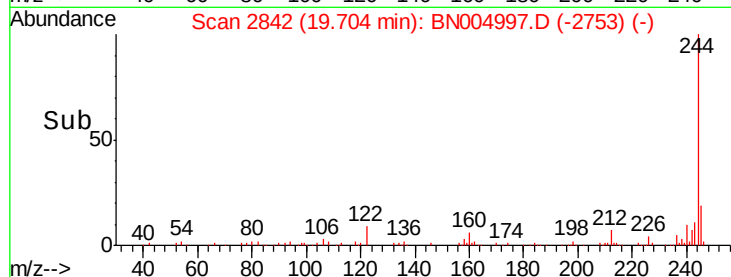
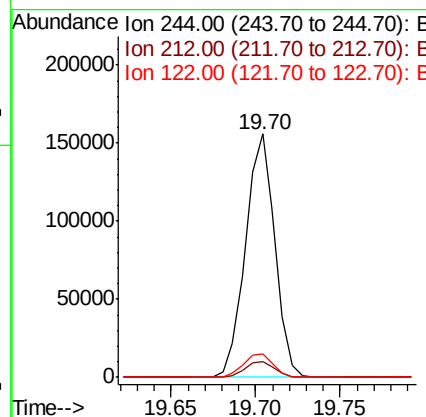
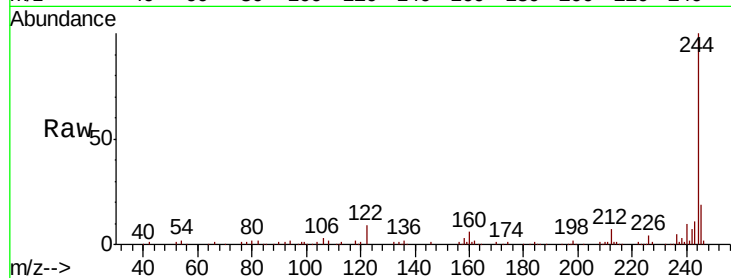




#79
 Terphenyl-d14
 Concen: 77.964 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.5	7.4	11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BN004997.D
 Acq: 27 Mar 2019 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.6	17.2	25.8

