

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032719\
 Data File : BN005005.D
 Acq On : 27 Mar 2019 21:38
 Operator : JU/SJ
 Sample : PB118091BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BL

Quant Time: Mar 28 04:52:42 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

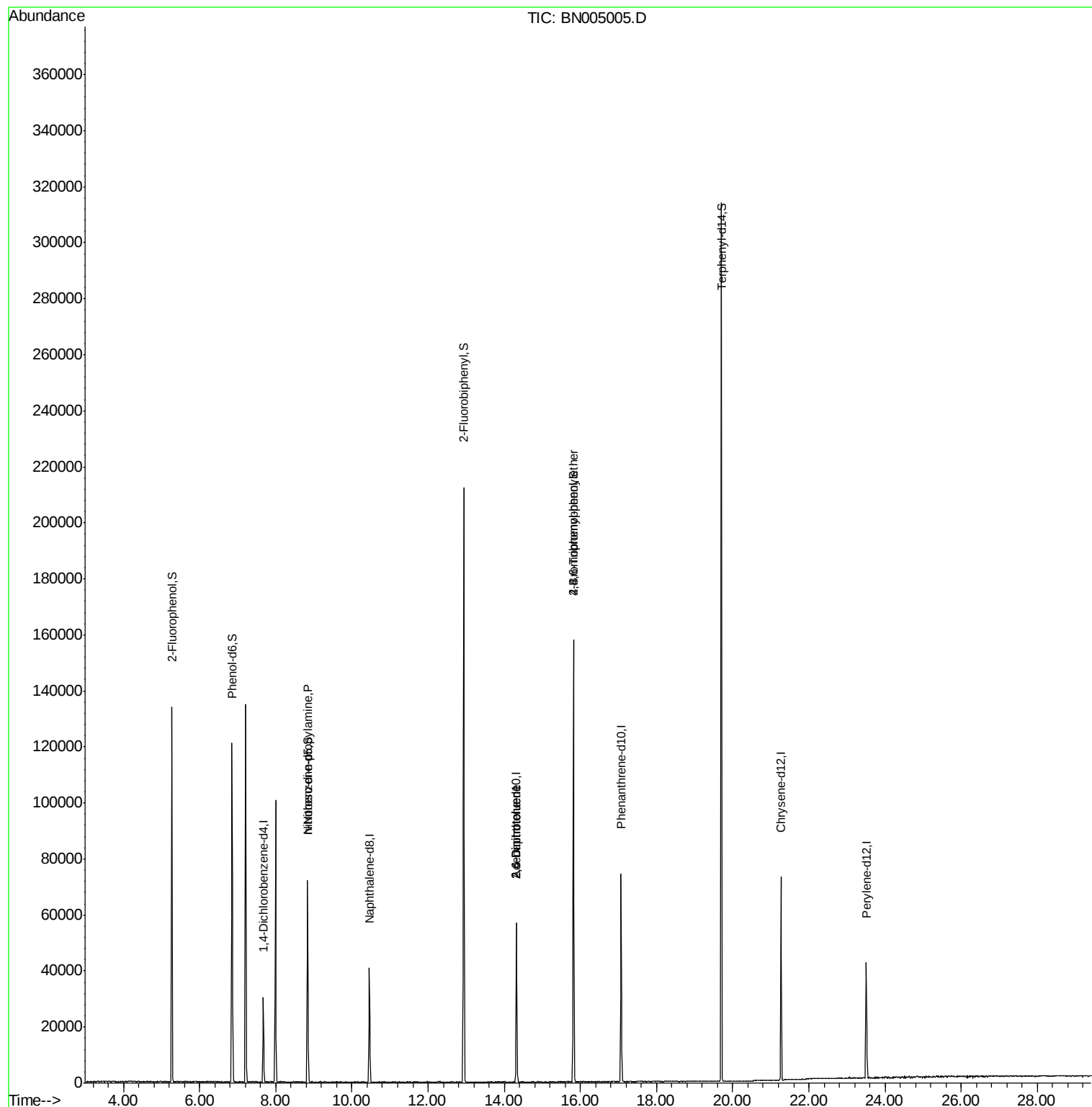
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9500	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	36618	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	20534	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	46323	20.00	ng	0.00
76) Chrysene-d12	21.27	240	40085	20.00	ng	0.00
87) Perylene-d12	23.50	264	35092	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	58859	107.12	ng	0.00
7) Phenol-d6	6.85	99	75211	103.20	ng	0.00
23) Nitrobenzene-d5	8.84	82	42135	69.61	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	34760	104.96	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	112176	72.39	ng	0.00
79) Terphenyl-d14	19.70	244	156669	75.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.84	70	5283	11.058	ng	# 76
51) 2,6-Dinitrotoluene	14.32	165	2510	6.539	ng	# 29
57) 2,4-Dinitrotoluene	14.32	165	2510	4.811	ng	# 27
67) 4-Bromophenyl-phenylether	15.82	248	1972	3.411	ng	# 1

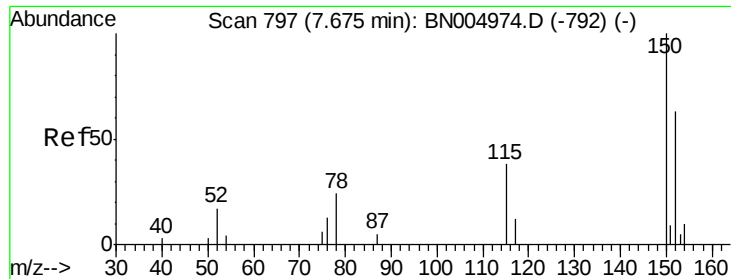
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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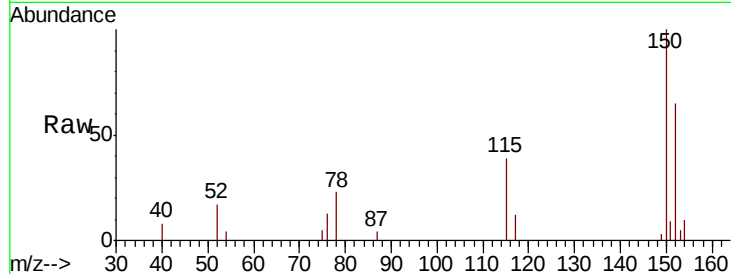


#1

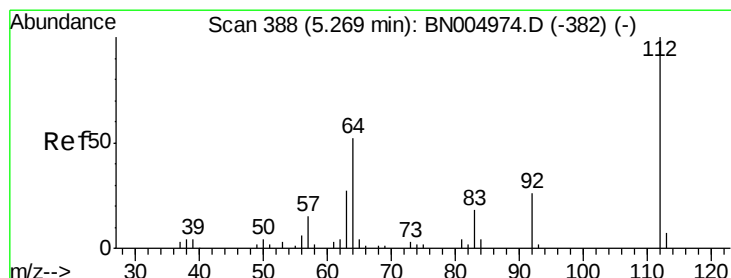
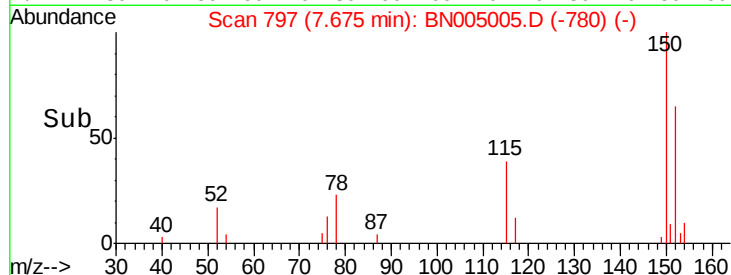
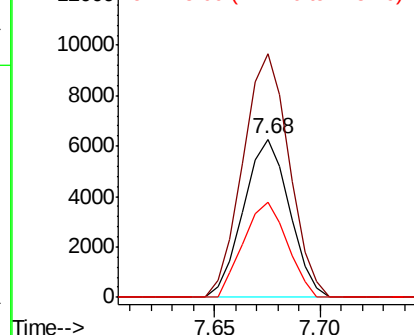
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:152 Resp: 9500
Ion Ratio Lower Upper
152 100
150 153.8 126.9 190.3
115 59.7 47.8 71.6



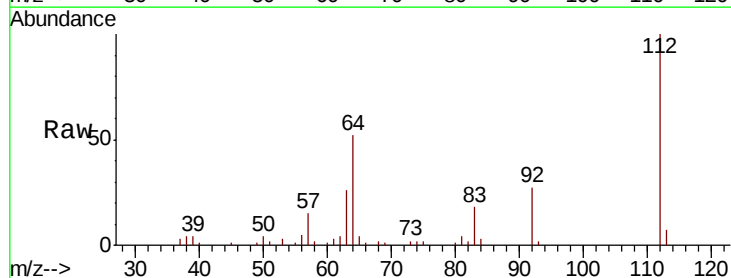
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



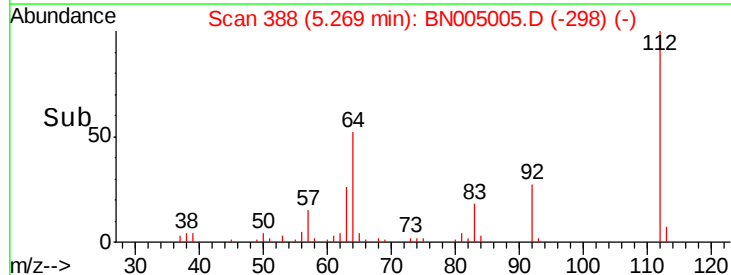
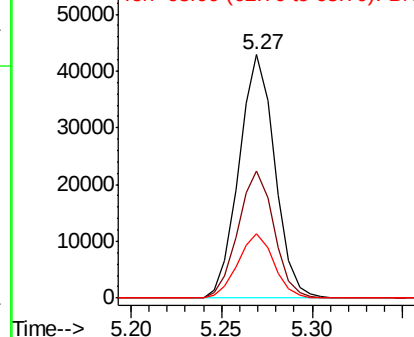
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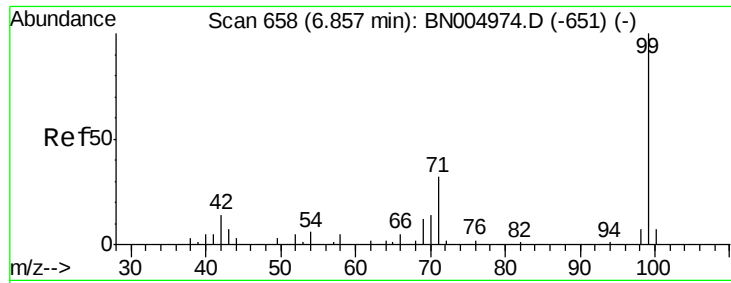
2-Fluorophenol
Concen: 107.117 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Tgt Ion:112 Resp: 58859
Ion Ratio Lower Upper
112 100
64 52.0 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: 103.198 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN005005.D

Acq: 27 Mar 2019 21:38

Instrument :

BNA_N

ClientSampleId :

PB118091BL

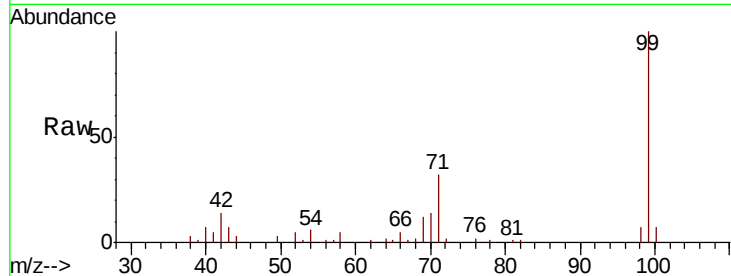
Tgt Ion: 99 Resp: 75211

Ion Ratio Lower Upper

99 100

42 14.4 11.4 17.0

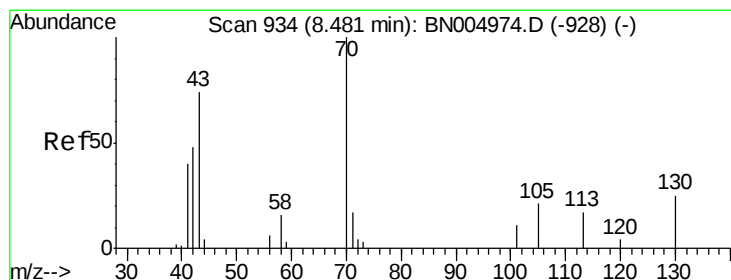
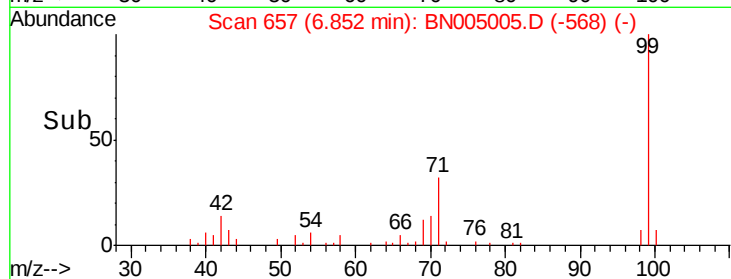
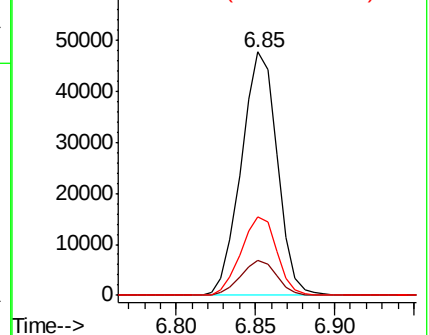
71 32.4 25.8 38.8



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: 11.058 ng

RT: 8.84 min Scan# 995

Delta R.T. 0.36 min

Lab File: BN005005.D

Acq: 27 Mar 2019 21:38

Tgt Ion: 70 Resp: 5283

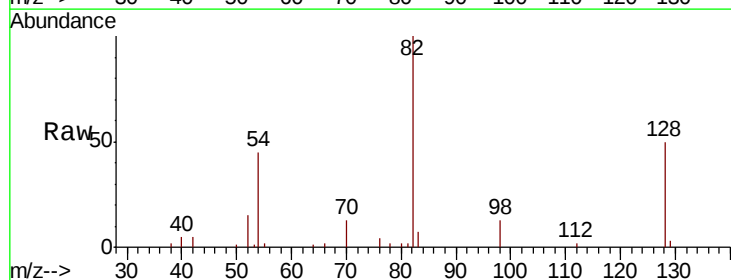
Ion Ratio Lower Upper

70 100

42 41.2 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

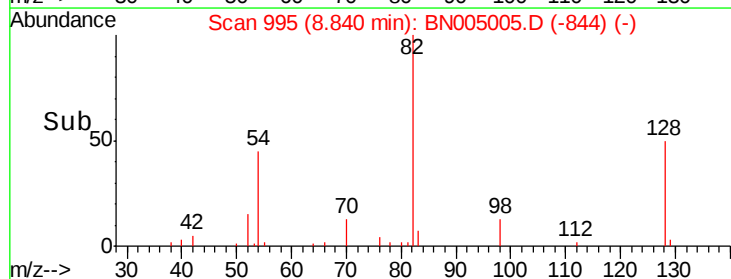
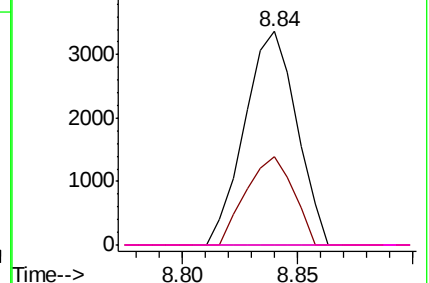


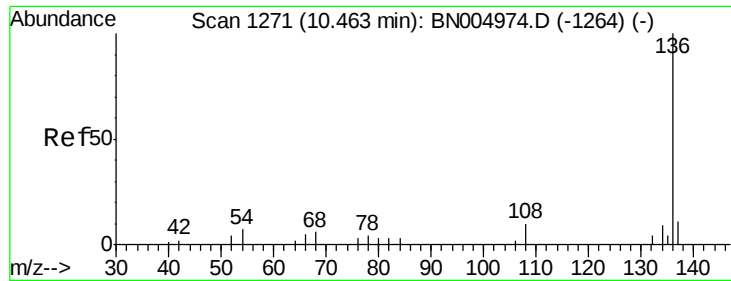
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

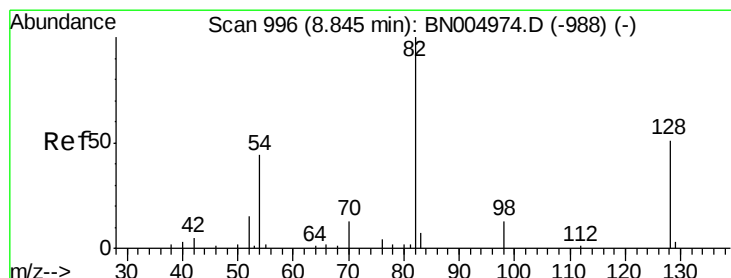
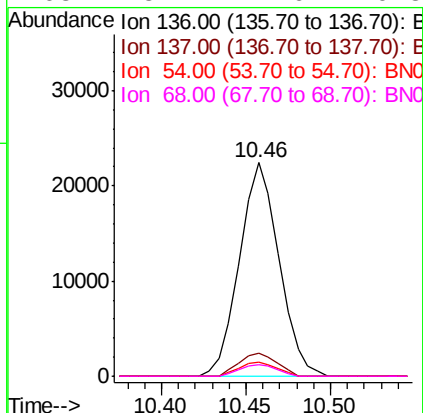
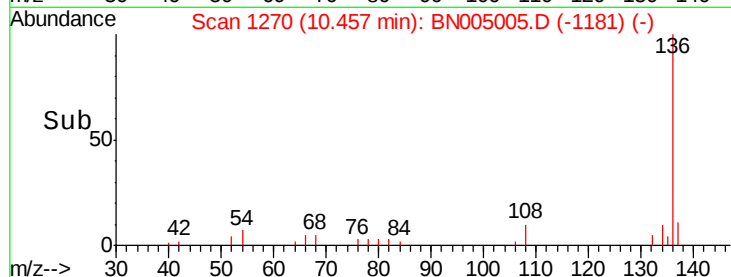
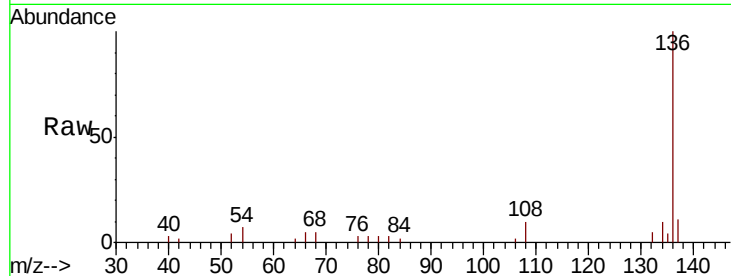




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

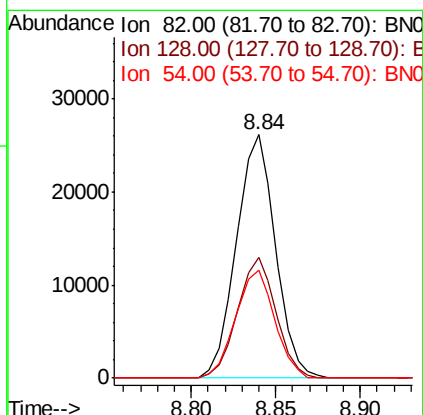
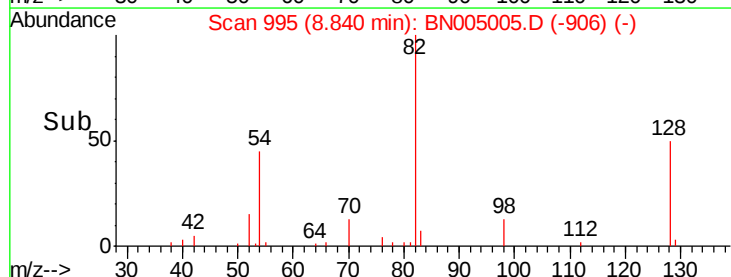
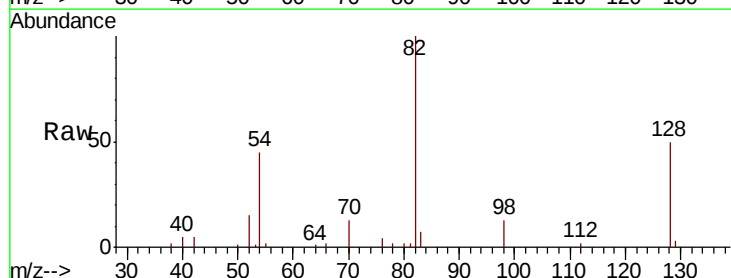
Instrument :
BNA_N
ClientSampleId :
PB118091BL

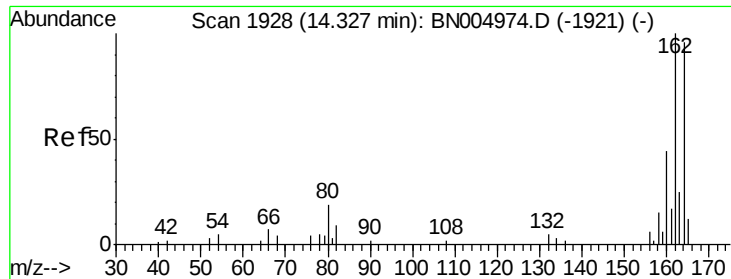
Tgt Ion:	136	Resp:	36618
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	5.3	7.9
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 69.605 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Tgt Ion:	82	Resp:	42135
Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.6	60.8
54	44.6	35.2	52.8

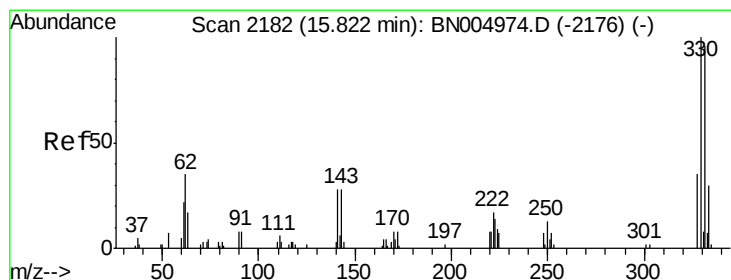
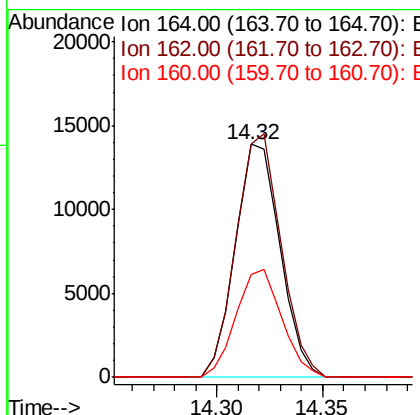
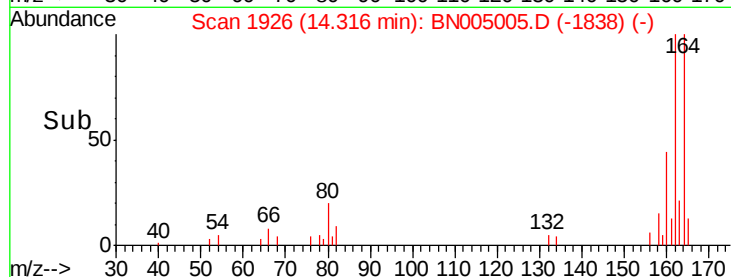
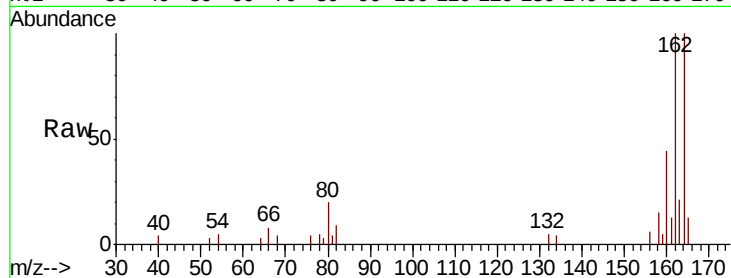




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

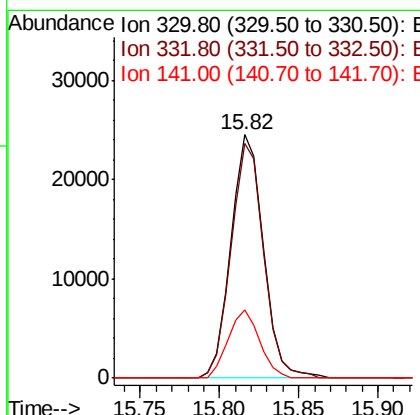
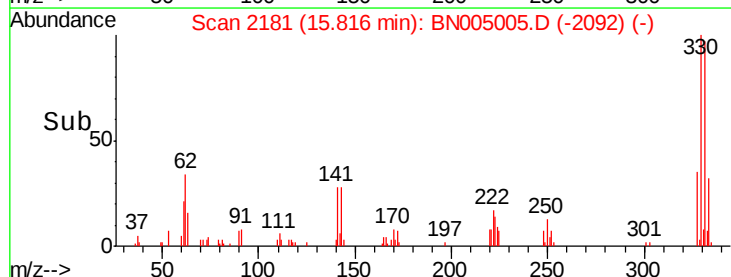
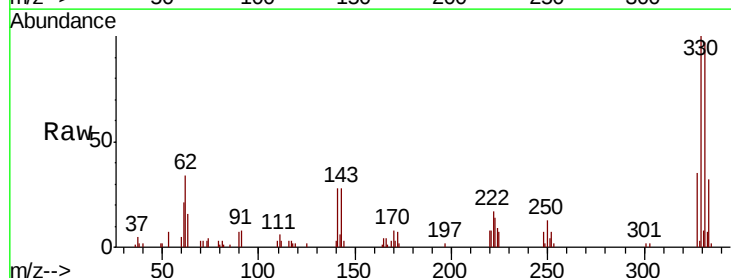
Instrument :
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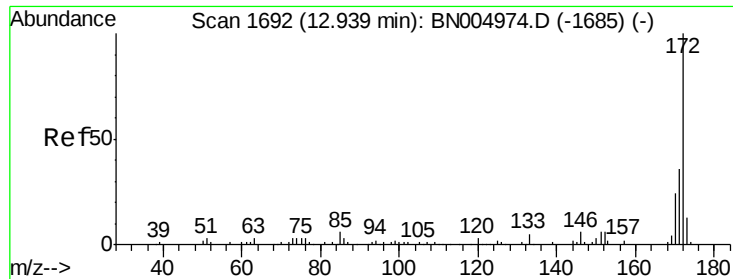
Tgt Ion:164 Resp: 20534
Ion Ratio Lower Upper
164 100
162 100.1 83.4 125.0
160 44.0 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 104.960 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Tgt Ion:330 Resp: 34760
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 26.9 22.1 33.1

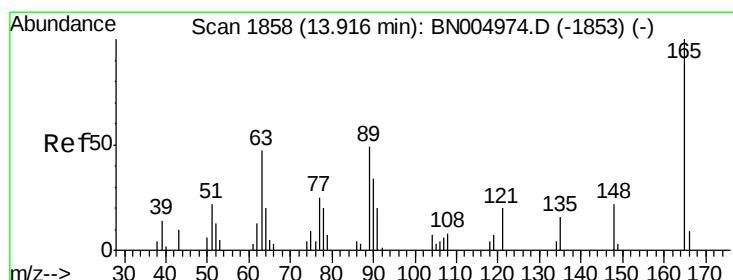
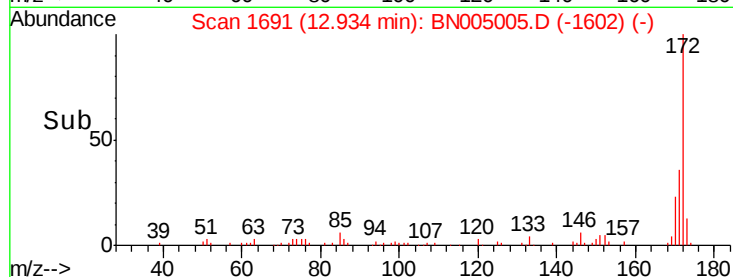
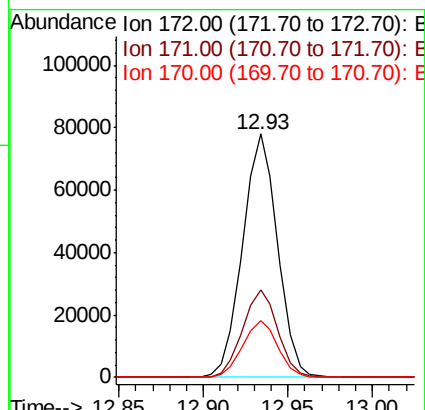
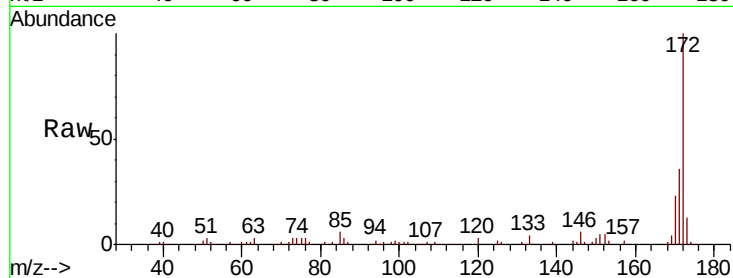




#45
 2-Fluorobiphenyl
 Concen: 72.391 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN005005.D
 Acq: 27 Mar 2019 21:38

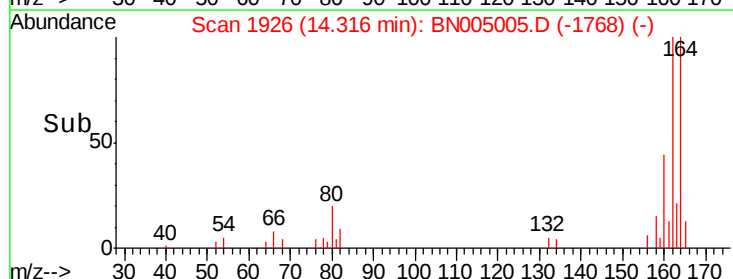
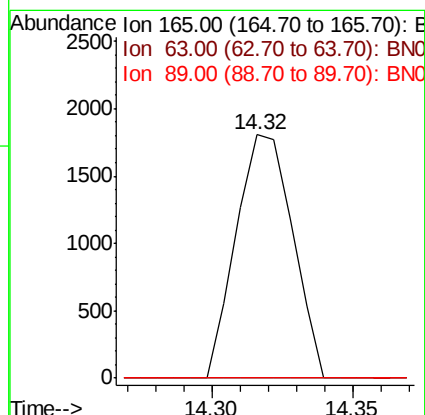
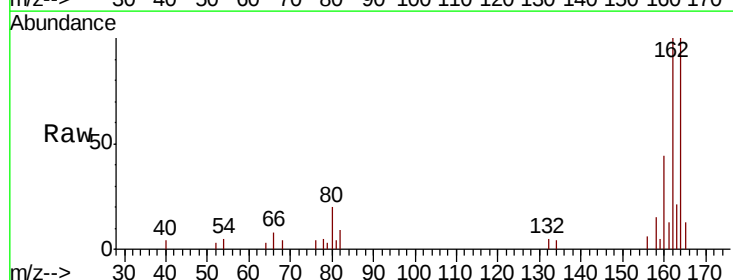
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 BNA_N
 ClientSampleId :
 PB118091BL

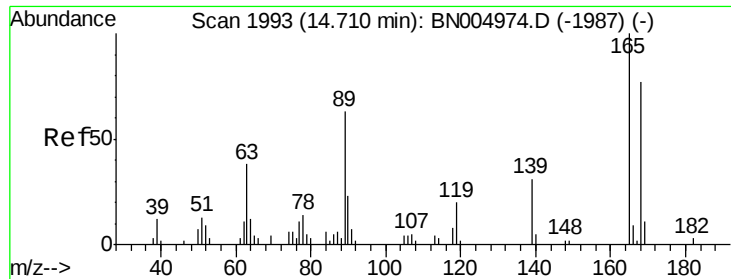
Tgt Ion:172 Resp: 112176
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.3 18.9 28.3



#51
 2,6-Dinitrotoluene
 Concen: 6.539 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. 0.40 min
 Lab File: BN005005.D
 Acq: 27 Mar 2019 21:38

Tgt Ion:165 Resp: 2510
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

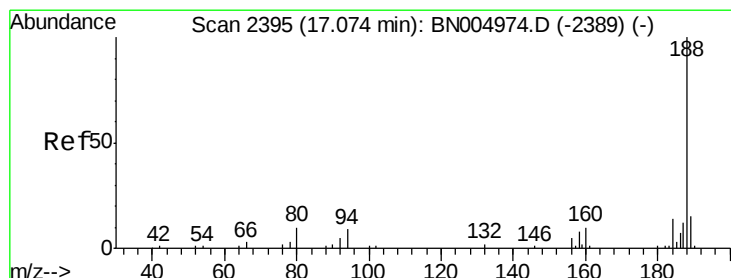
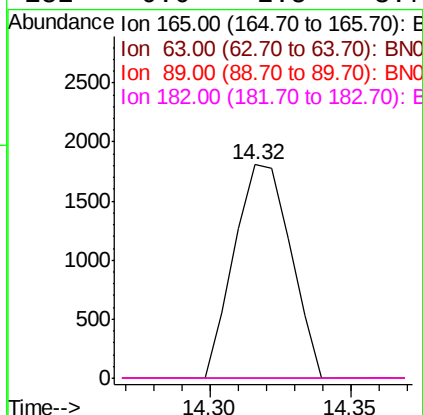
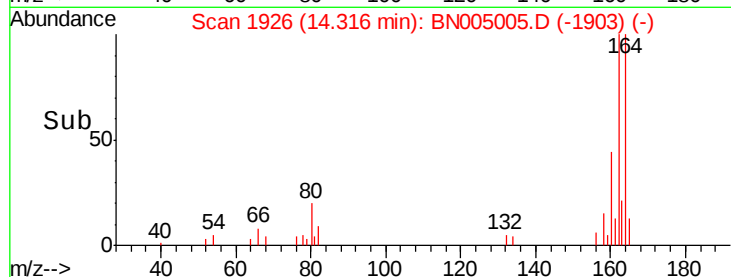
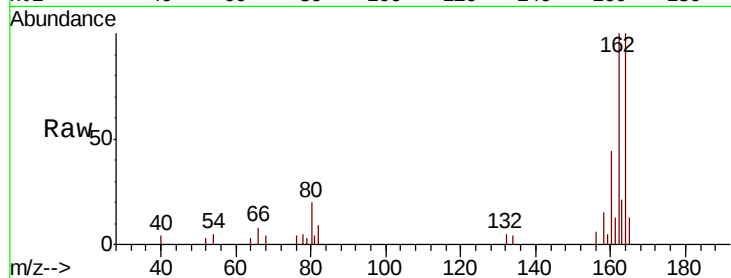




#57
2,4-Dinitrotoluene
Concen: 4.811 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.39 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

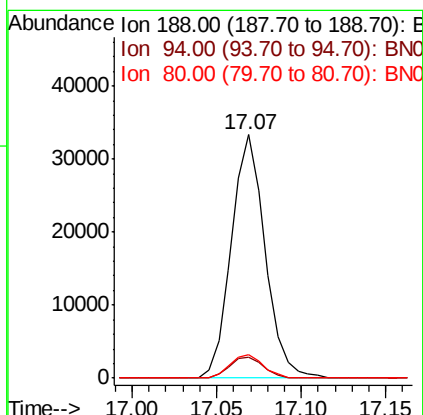
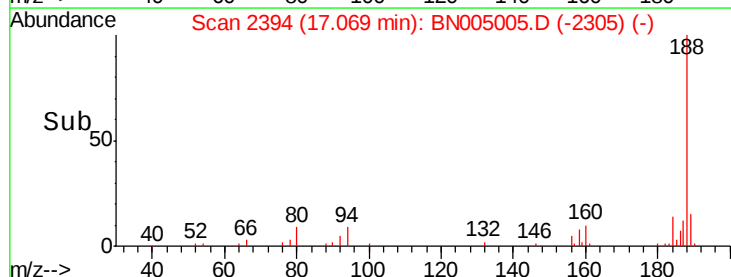
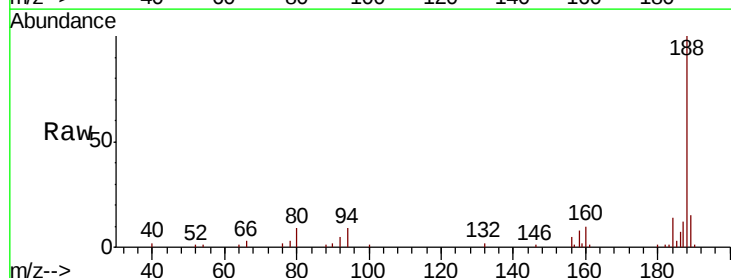
Instrument :
BNA_N
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PB118091BL

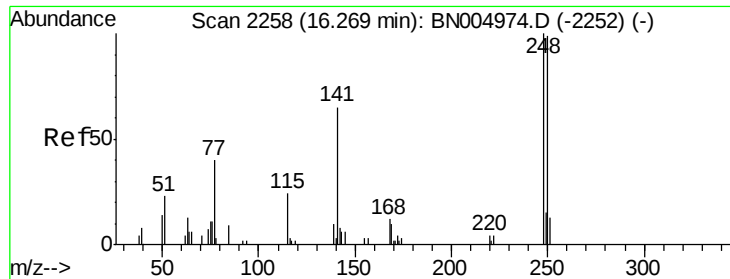
Tgt Ion:165 Resp: 2510
Ion Ratio Lower Upper
165 100
63 0.0 30.4 45.6#
89 0.0 50.7 76.1#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Tgt Ion:188 Resp: 46323
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.5 7.8 11.6

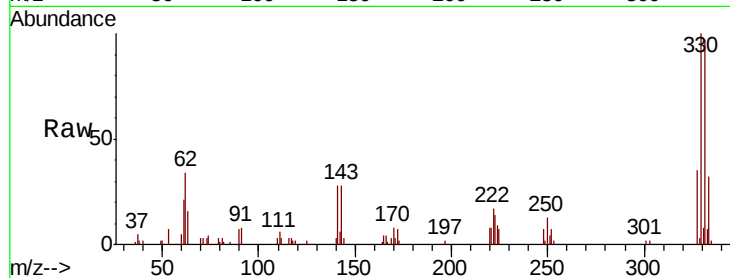




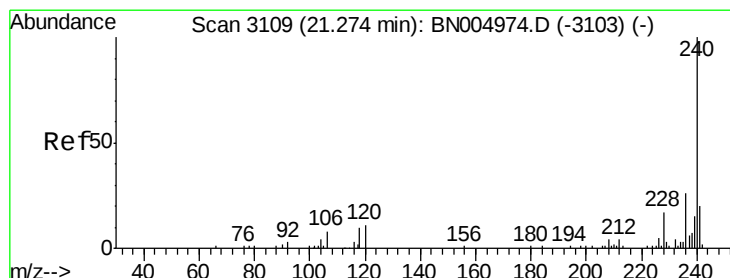
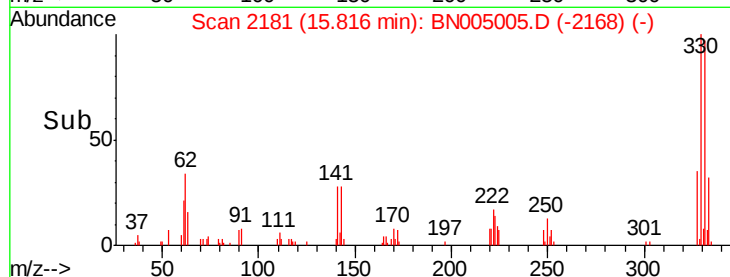
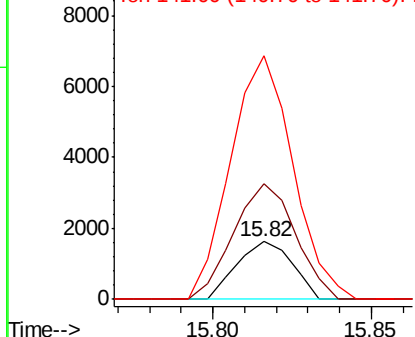
#67
4-Bromophenyl-phenylether
Concen: 3.411 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.45 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:248 Resp: 1972
Ion Ratio Lower Upper
248 100
250 200.3 79.4 119.2#
141 424.0 52.3 78.5#

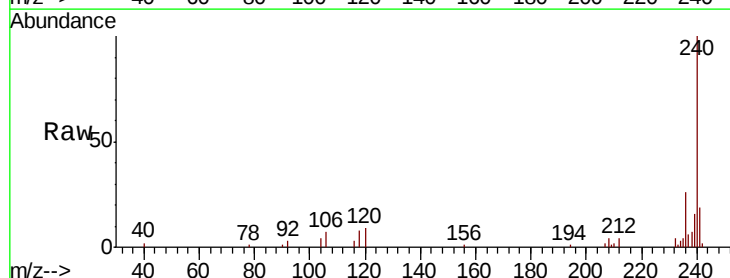


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

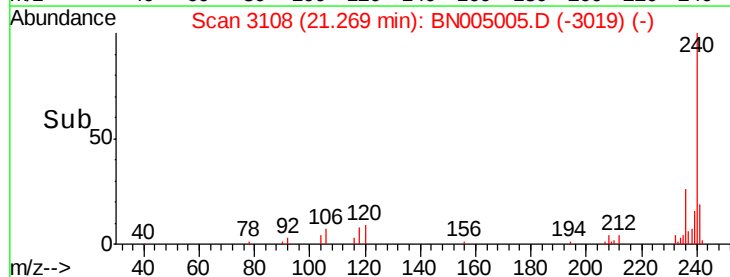
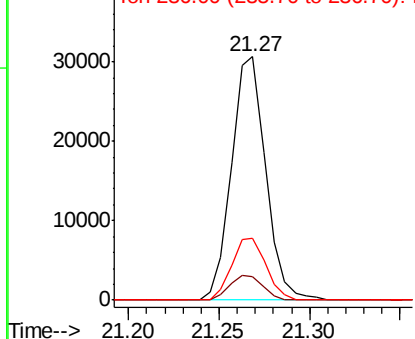


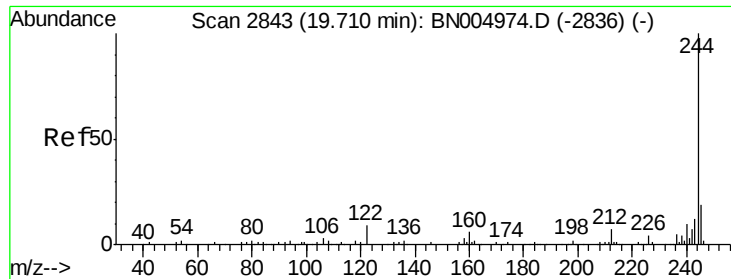
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Tgt Ion:240 Resp: 40085
Ion Ratio Lower Upper
240 100
120 9.4 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: 75.247 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN005005.D

Acq: 27 Mar 2019 21:38

Instrument :

BNA_N

ClientSampleId :

PB118091BL

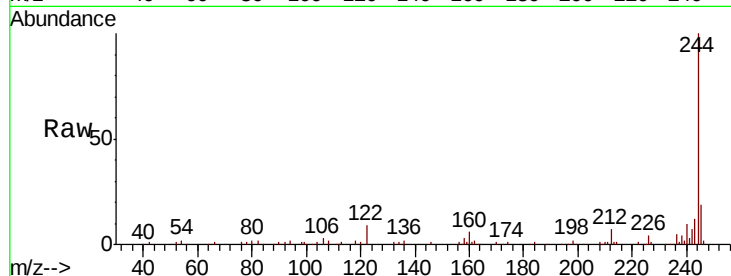
Tgt Ion:244 Resp: 156669

Ion Ratio Lower Upper

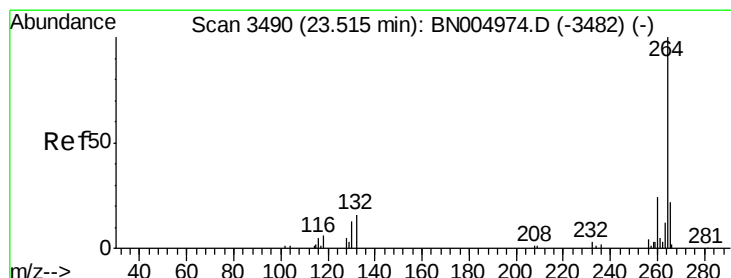
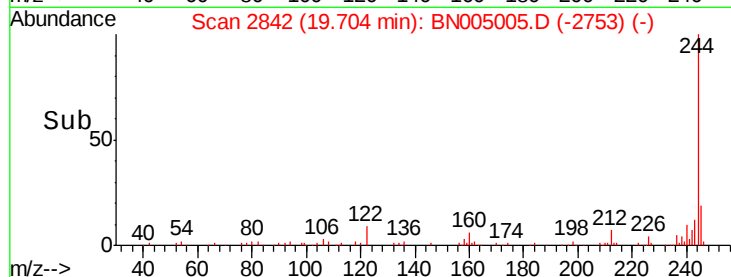
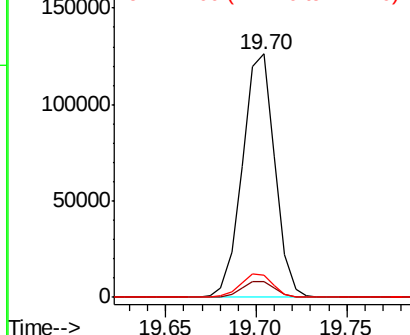
244 100

212 6.7 5.4 8.0

122 9.2 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: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BN005005.D

Acq: 27 Mar 2019 21:38

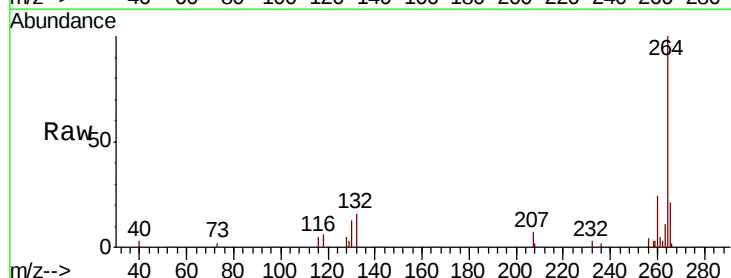
Tgt Ion:264 Resp: 35092

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.4 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

