

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005008.D
 Acq On : 27 Mar 2019 23:25
 Operator : JU/SJ
 Sample : K2093-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 30092-30093-5

Quant Time: Mar 28 05:33:34 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

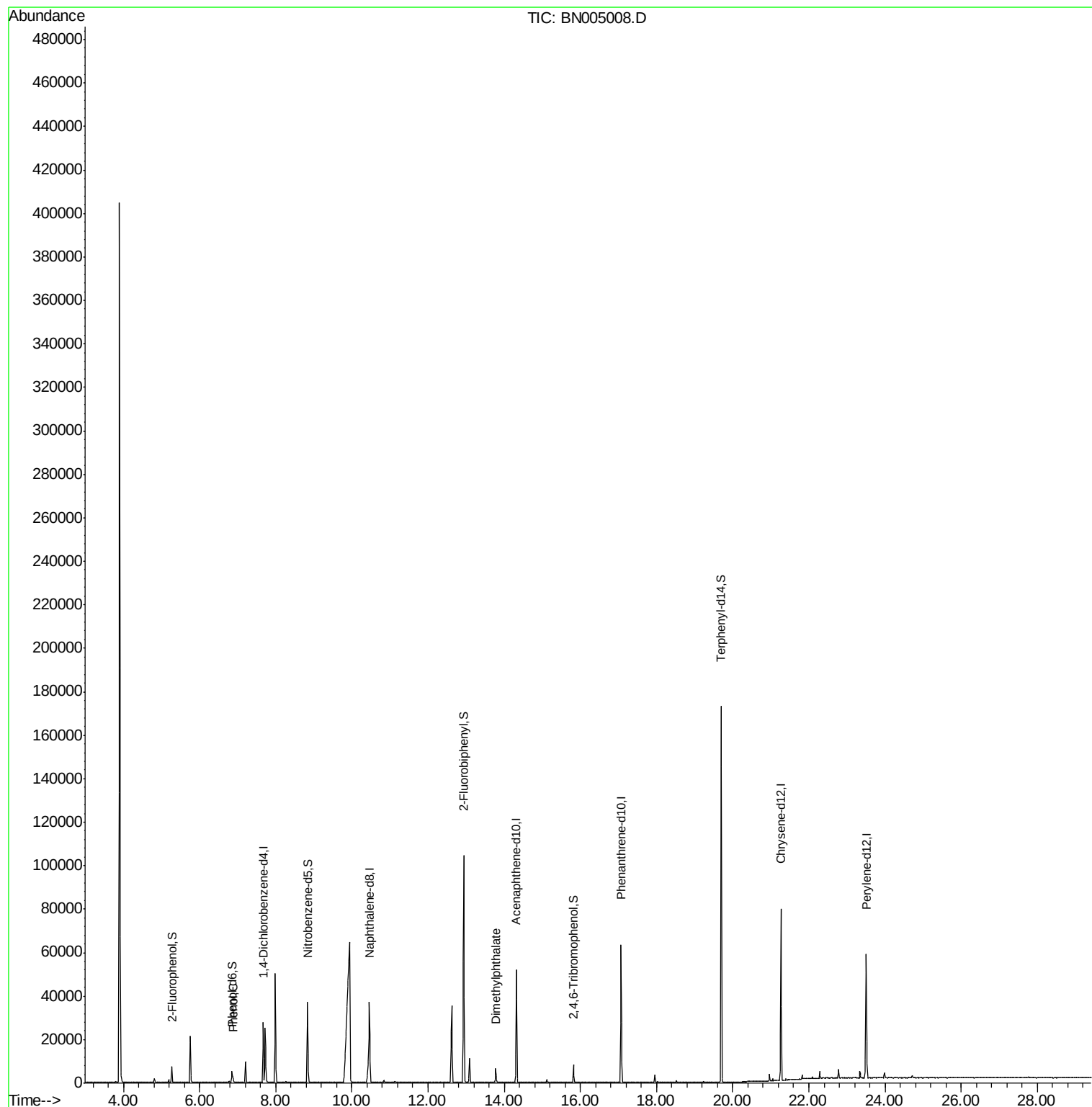
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	8555	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	33441	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	18312	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	39867	20.00	ng	0.00
76) Chrysene-d12	21.26	240	41251	20.00	ng	-0.01
87) Perylene-d12	23.50	264	43672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	4167	8.42	ng	0.00
7) Phenol-d6	6.85	99	4010	6.11	ng	0.00
23) Nitrobenzene-d5	8.83	82	22864	41.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	2698	9.14	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	58775	42.53	ng	0.00
79) Terphenyl-d14	19.70	244	84293	39.34	ng	-0.01
Target Compounds						
10) Phenol	6.88	94	2076	2.952	ng	99
50) Dimethylphthalate	13.78	163	5694	3.785	ng	# 95

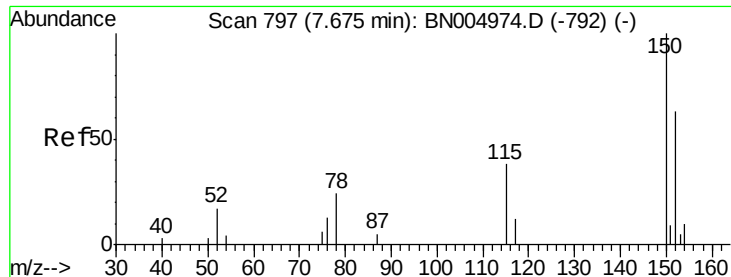
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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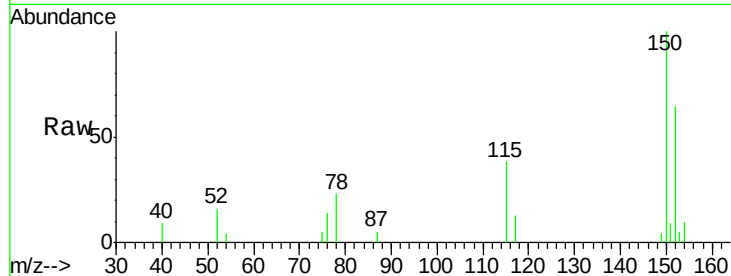


#1

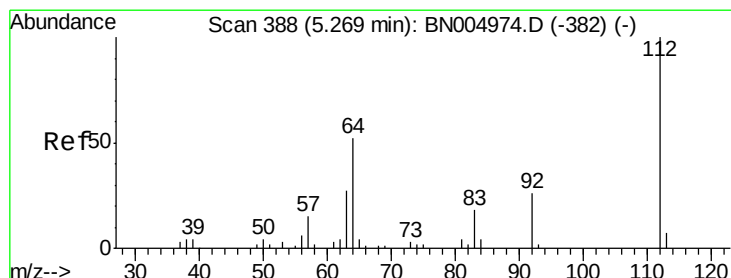
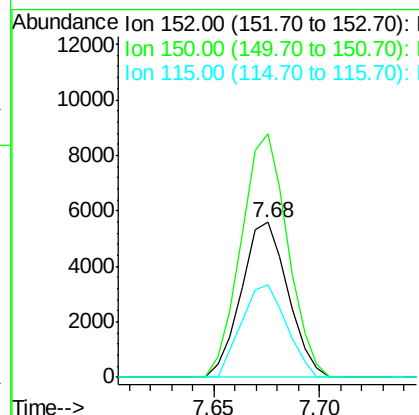
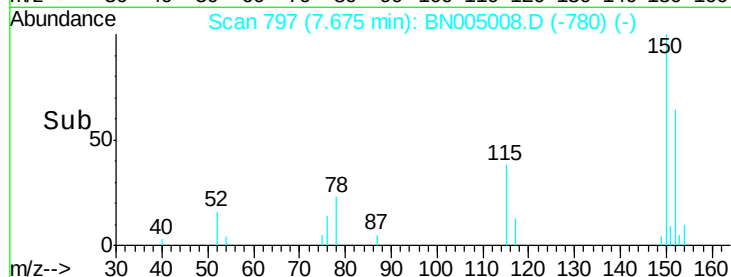
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005008.D
Acq: 27 Mar 2019 23:25

Instrument :
BNA_N
ClientSampleId :
30092-30093-5

Tot Ion:152 Resp: 8555
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 59.5 47.8 71.6



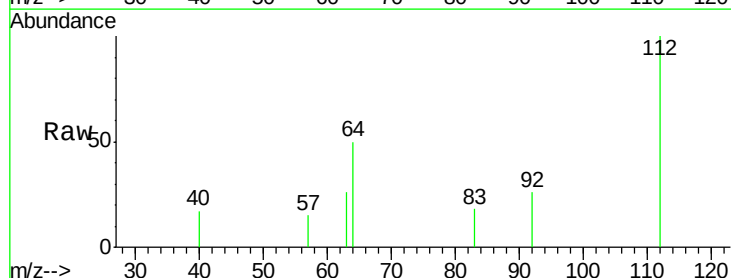
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



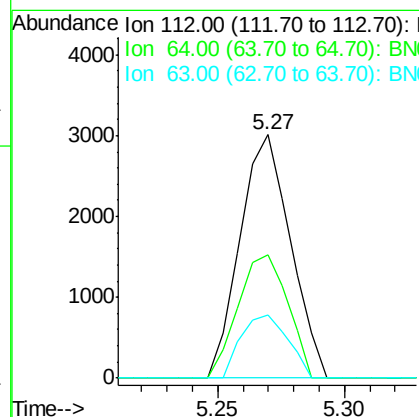
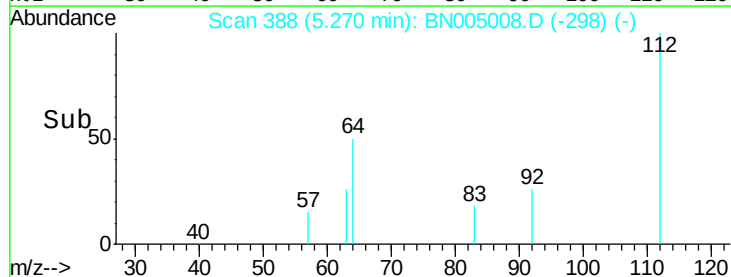
#5

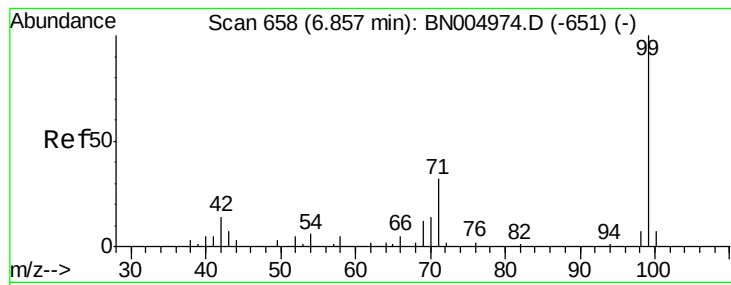
2-Fluorophenol
Concen: 8.421 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: BN005008.D
Acq: 27 Mar 2019 23:25

Tgt Ion:112 Resp: 4167
Ion Ratio Lower Upper
112 100
64 50.4 41.9 62.9
63 25.8 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: 6.110 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN005008.D

Acq: 27 Mar 2019 23:25

Instrument :

BNA_N

ClientSampleId :

30092-30093-5

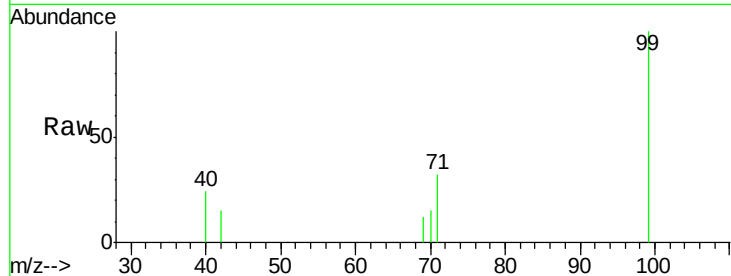
Tot Ion: 99 Resp: 4010

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

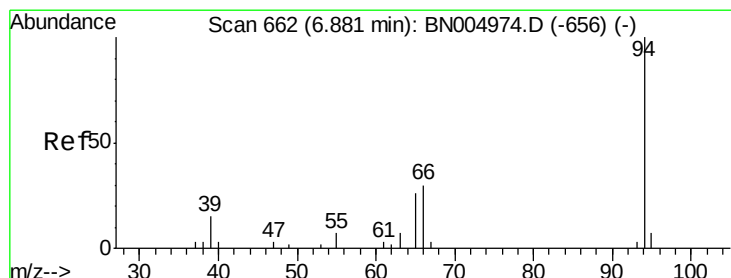
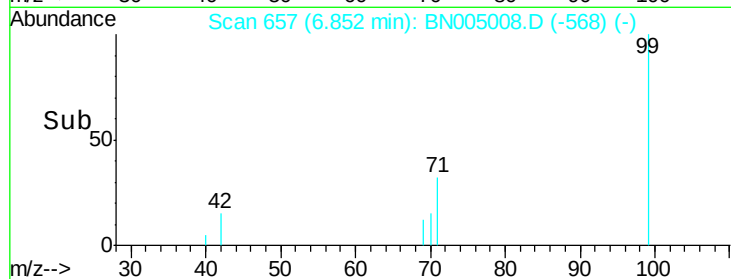
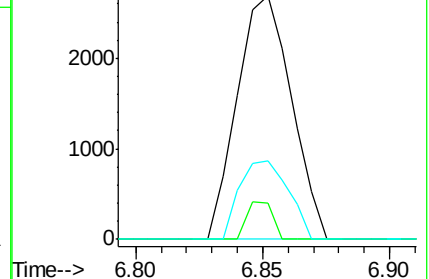
71 32.0 25.8 38.8



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) (-)



#10

Phenol

Concen: 2.952 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BN005008.D

Acq: 27 Mar 2019 23:25

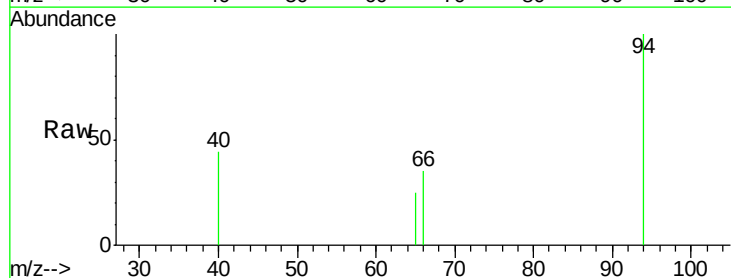
Tgt Ion: 94 Resp: 2076

Ion Ratio Lower Upper

94 100

65 25.4 5.7 45.7

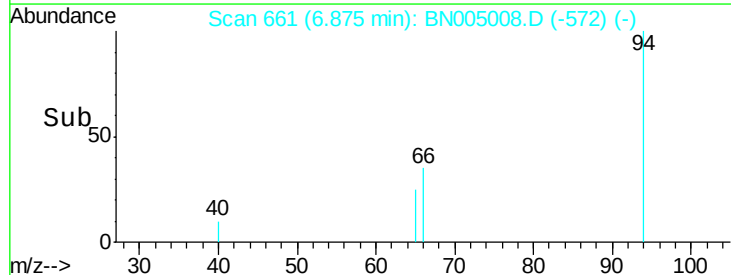
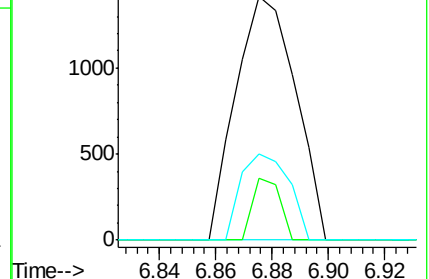
66 35.4 14.8 54.8

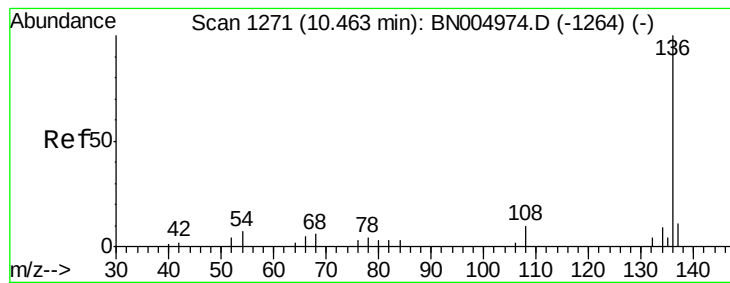


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN005008.D

Acq: 27 Mar 2019 23:25

Instrument :

BNA_N

ClientSampleId :

30092-30093-5

Tot Ion:136 Resp: 33441

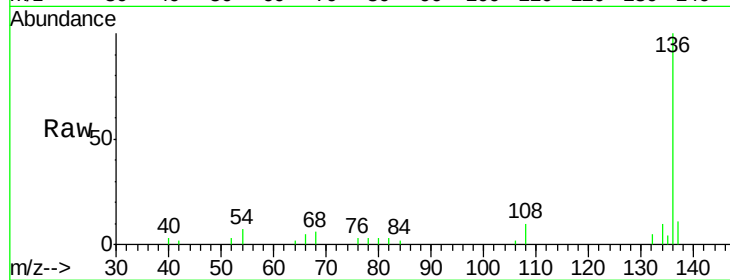
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.8 5.3 7.9

68 5.8 4.6 6.8

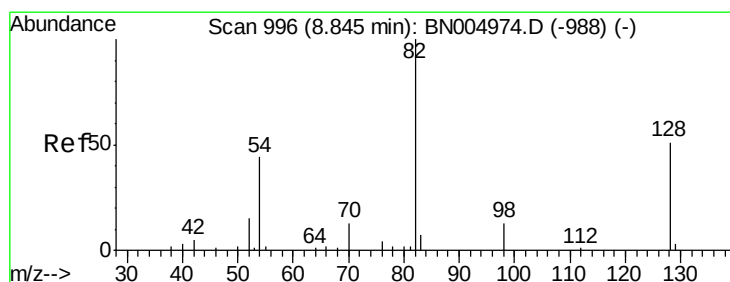
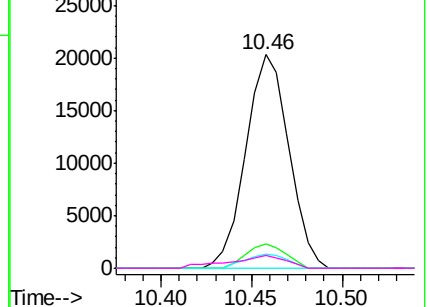
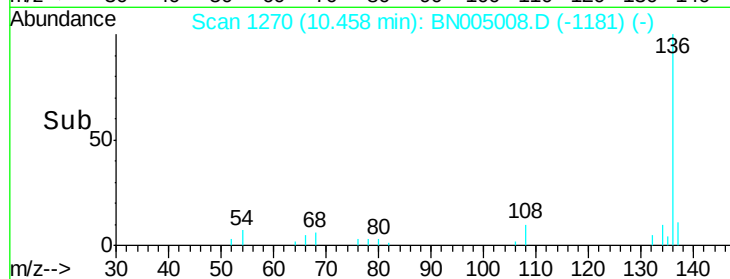


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.359 ng

RT: 8.83 min Scan# 994

Delta R.T. -0.01 min

Lab File: BN005008.D

Acq: 27 Mar 2019 23:25

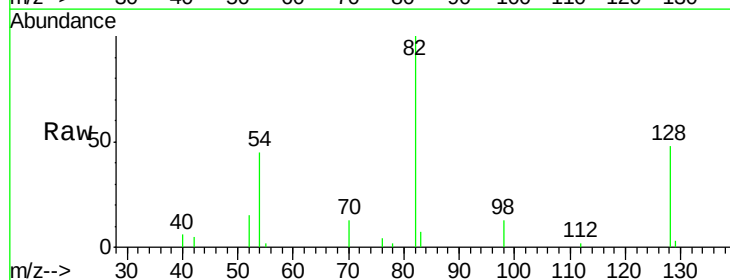
Tgt Ion: 82 Resp: 22864

Ion Ratio Lower Upper

82 100

128 47.7 40.6 60.8

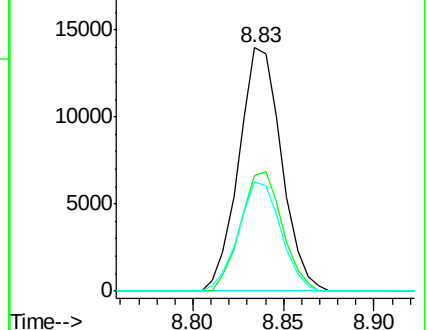
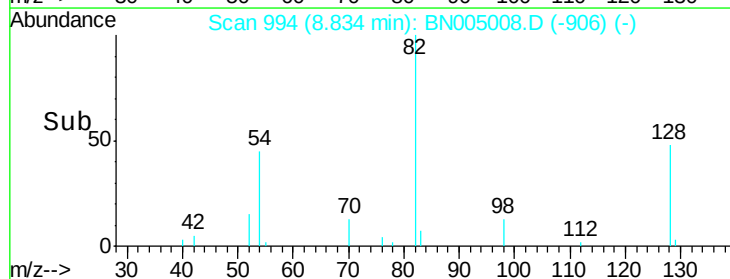
54 44.9 35.2 52.8

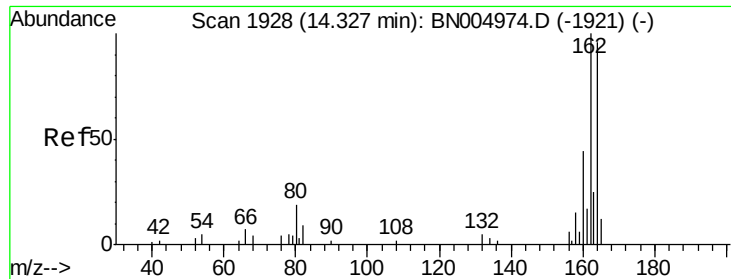


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005008.D

Acq: 27 Mar 2019 23:25

Instrument :

BNA_N

ClientSampleId :

30092-30093-5

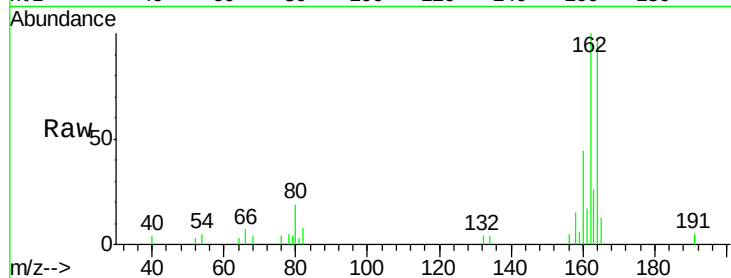
Tot Ion:164 Resp: 18312

Ion Ratio Lower Upper

164 100

162 103.0 83.4 125.0

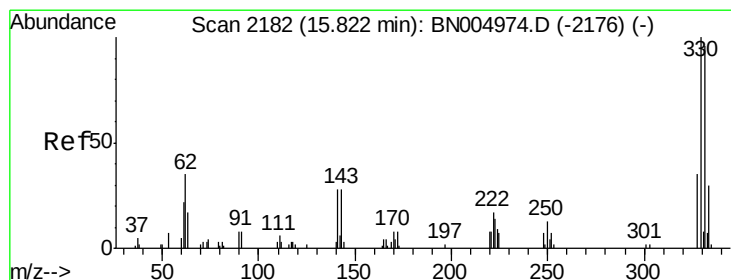
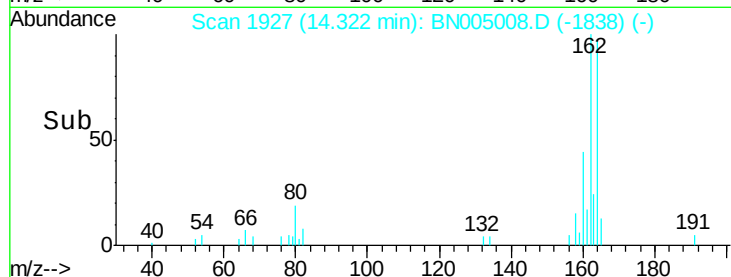
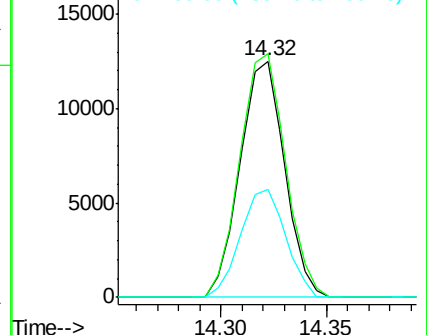
160 45.7 36.6 55.0



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: 9.135 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN005008.D

Acq: 27 Mar 2019 23:25

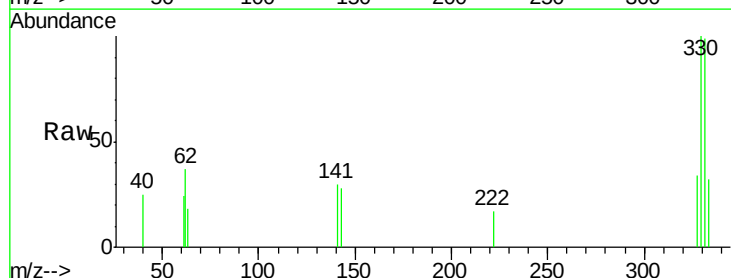
Tgt Ion:330 Resp: 2698

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

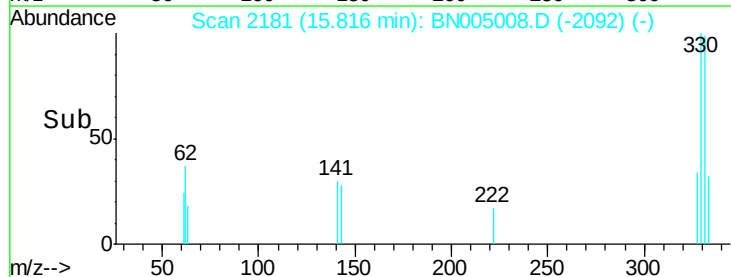
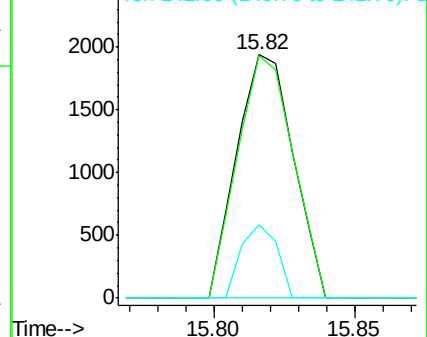
141 19.2 22.1 33.1#

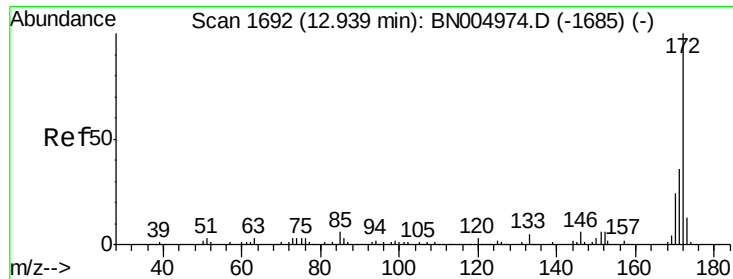


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

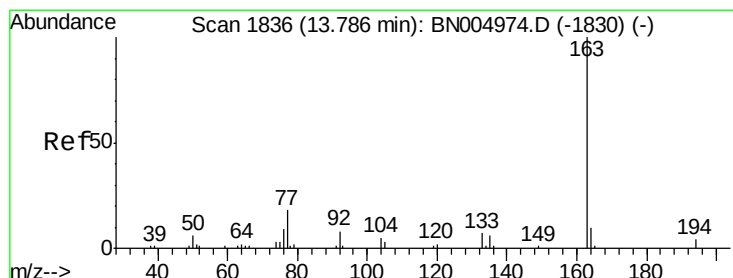
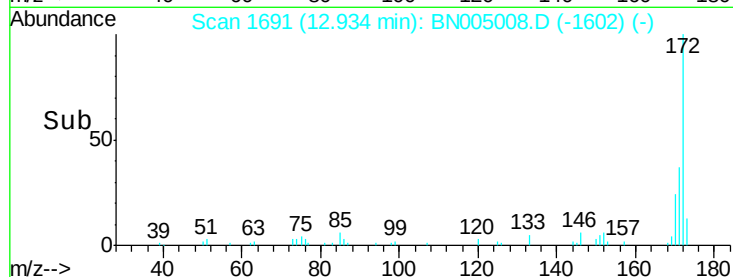
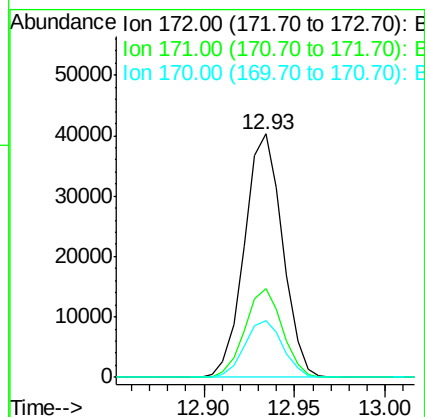
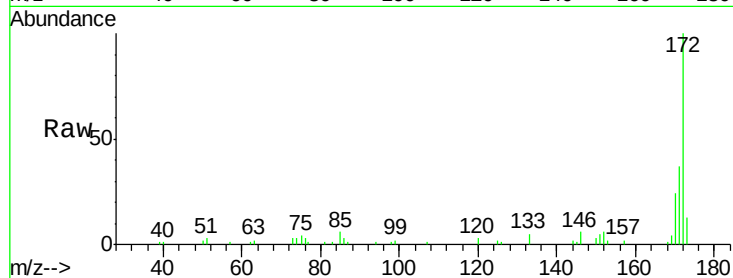




#45
2-Fluorobiphenyl
Concen: 42.532 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN005008.D
Acq: 27 Mar 2019 23:25

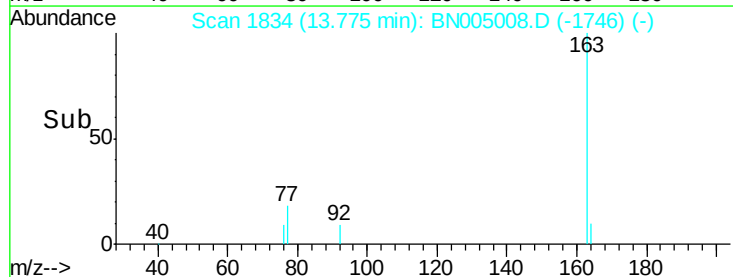
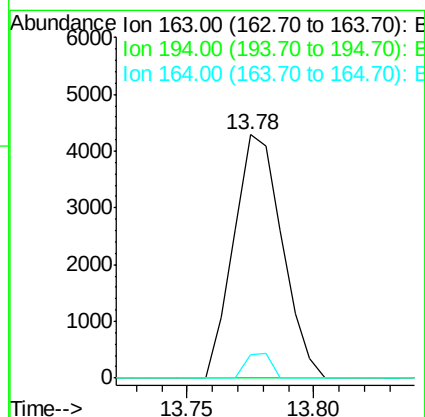
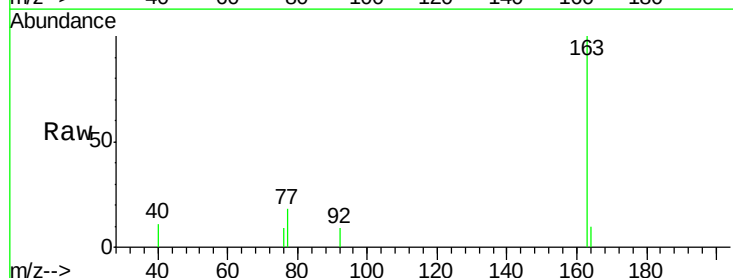
Instrument :
BNA_N
ClientSampleId :
30092-30093-5

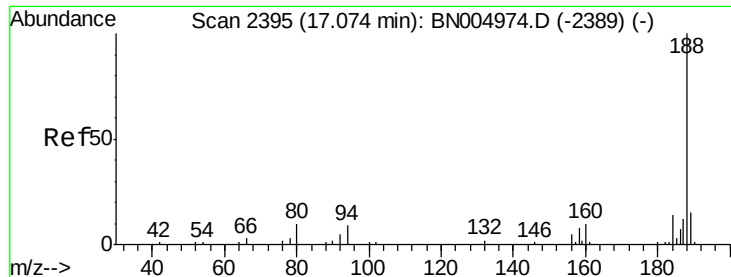
Tot Ion:172 Resp: 58775
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 23.6 18.9 28.3



#50
Dimethylphthalate
Concen: 3.785 ng
RT: 13.78 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN005008.D
Acq: 27 Mar 2019 23:25

Tgt Ion:163 Resp: 5694
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 9.7 8.3 12.5

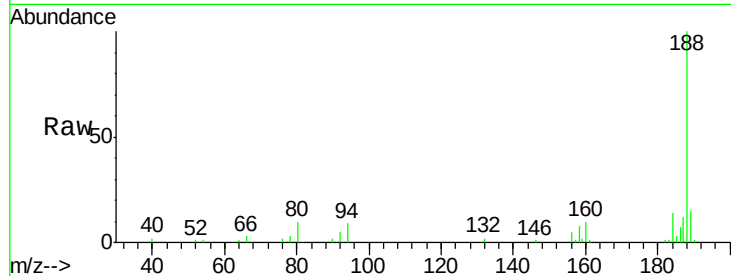




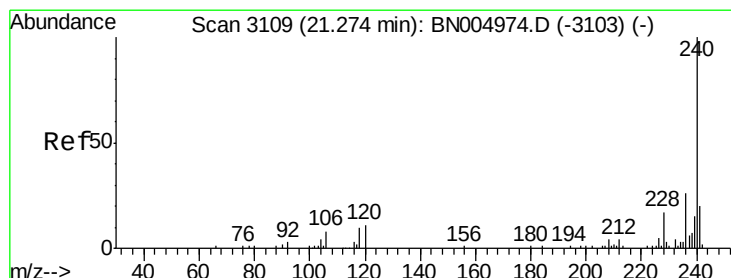
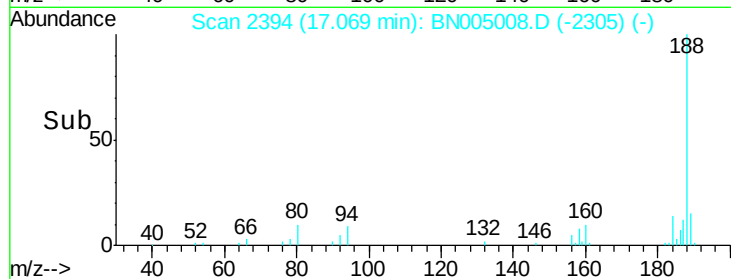
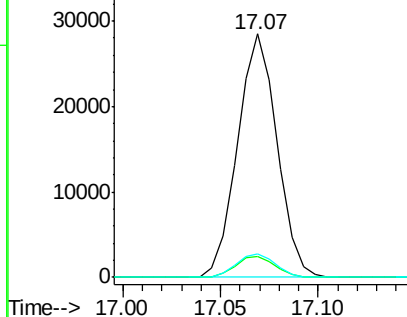
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN005008.D
Acq: 27 Mar 2019 23:25

Instrument :
BNA_N
ClientSampleId :
30092-30093-5

Tot Ion:188 Resp: 39867
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.5 7.8 11.6

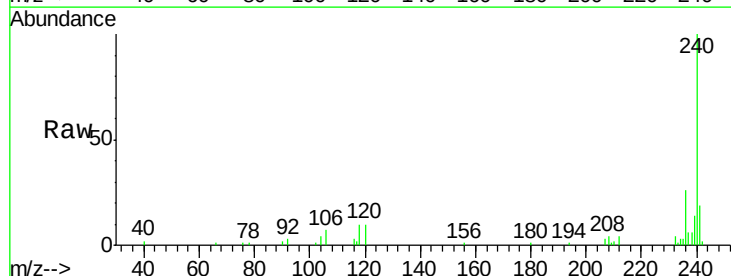


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

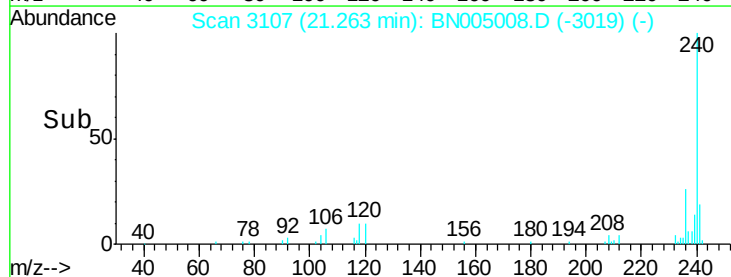
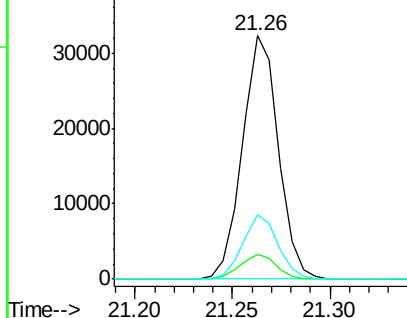


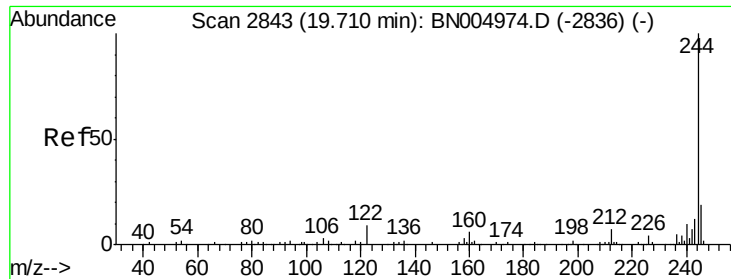
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN005008.D
Acq: 27 Mar 2019 23:25

Tgt Ion:240 Resp: 41251
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 26.4 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

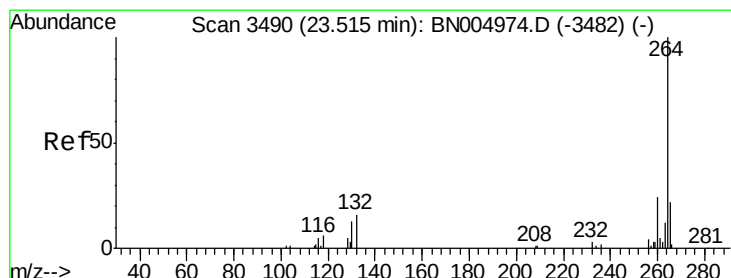
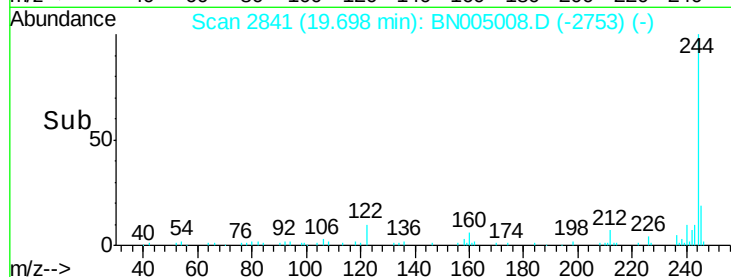
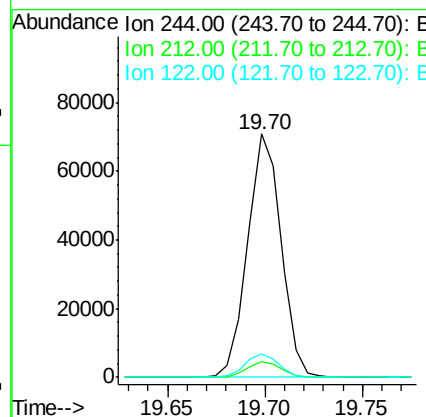
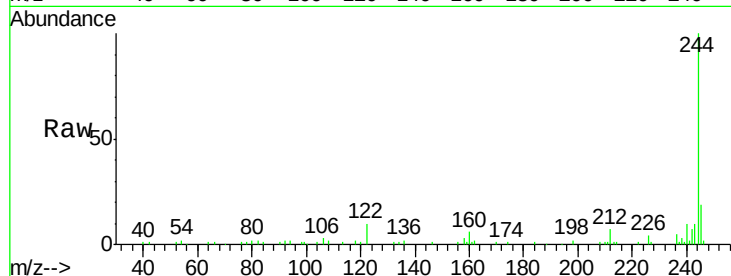




#79
 Terphenyl-d14
 Concen: 39.341 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BN005008.D
 Acq: 27 Mar 2019 23:25

Instrument :
 BNA_N
 ClientSampleId :
 30092-30093-5

Tot Ion:244 Resp: 84293
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.8 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: BN005008.D
 Acq: 27 Mar 2019 23:25

Tgt Ion:264 Resp: 43672
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.4 17.2 25.8

