

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 05:19:27 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

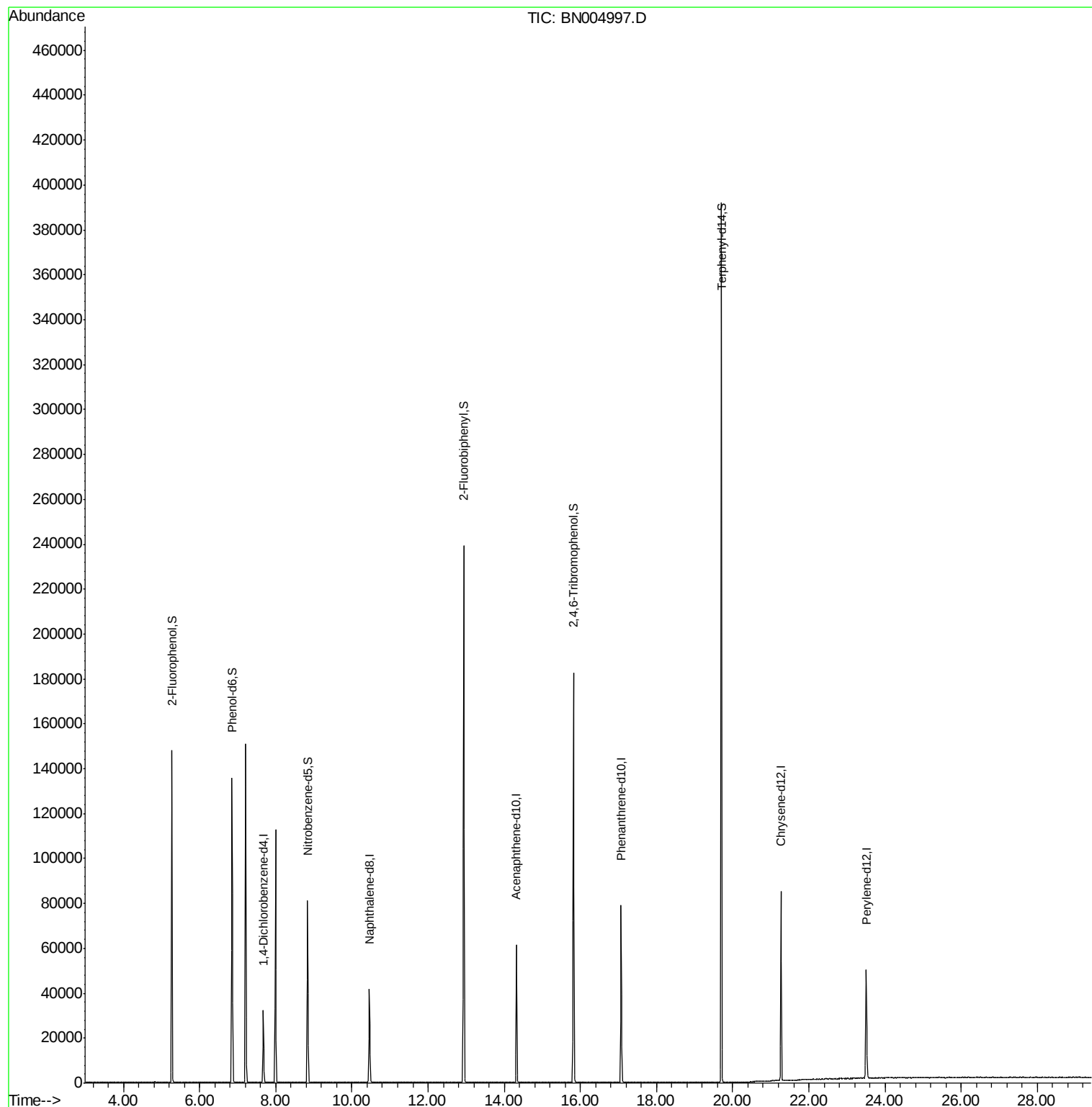
Target Compounds Qvalue

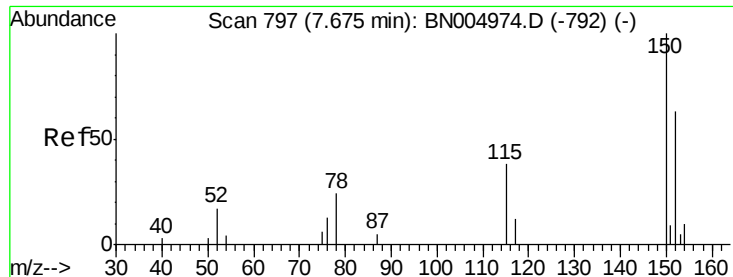
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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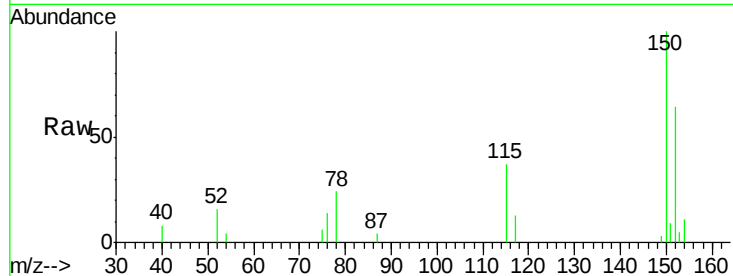


#1

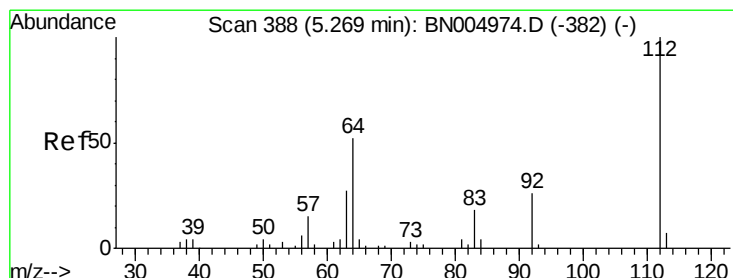
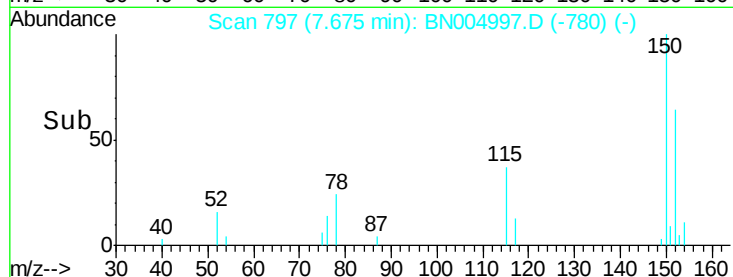
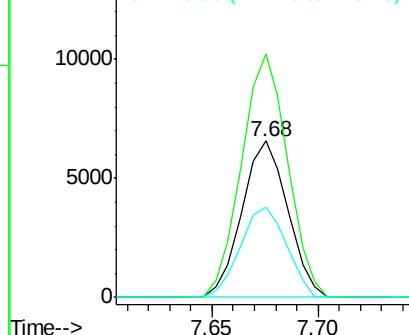
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004997.D
Acq: 27 Mar 2019 16:19

Instrument :
BNA_N
ClientSampleId :
PB118303BL

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



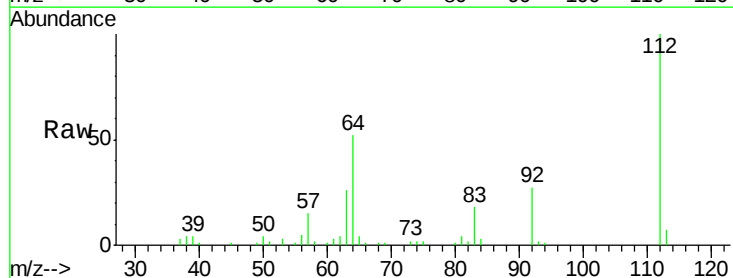
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



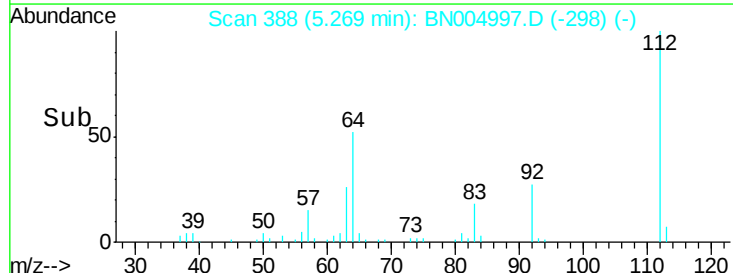
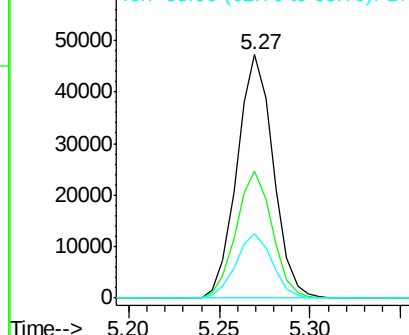
#5

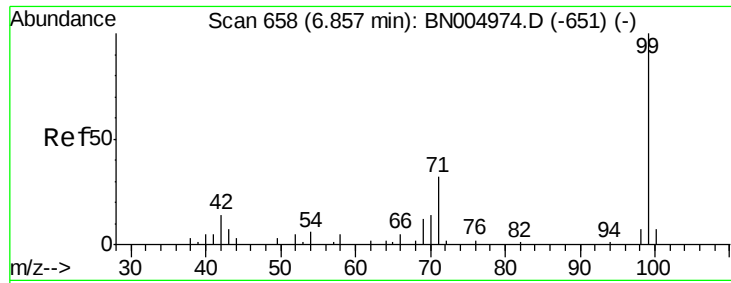
2-Fluorophenol
Concen: 114.933 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: BN004997.D
Acq: 27 Mar 2019 16:19

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

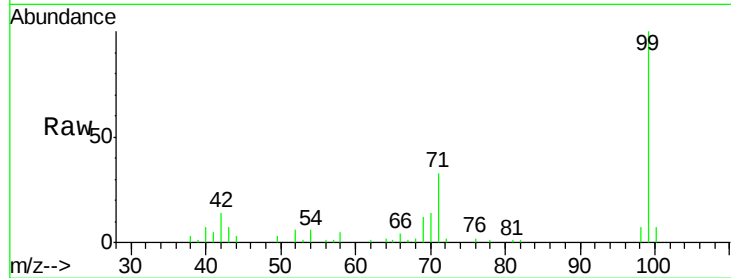
Tot Ion: 99 Resp: 83891

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

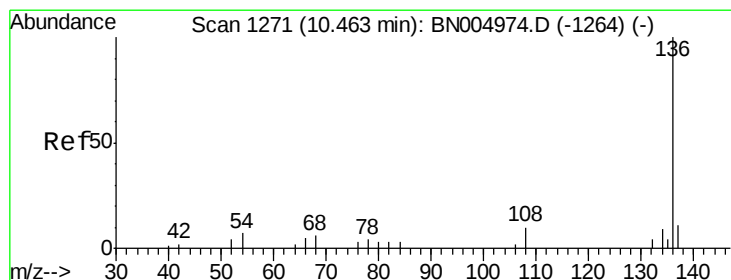
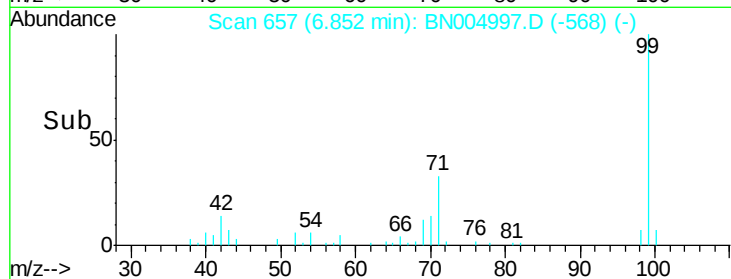
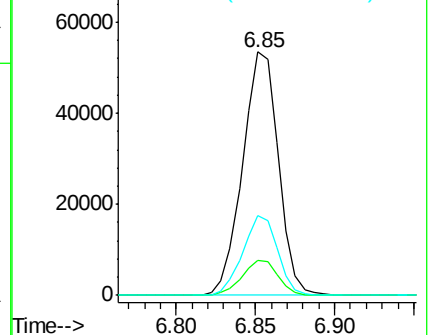
71 32.7 25.8 38.8



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) (-)



#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

Tgt Ion: 136 Resp: 38359

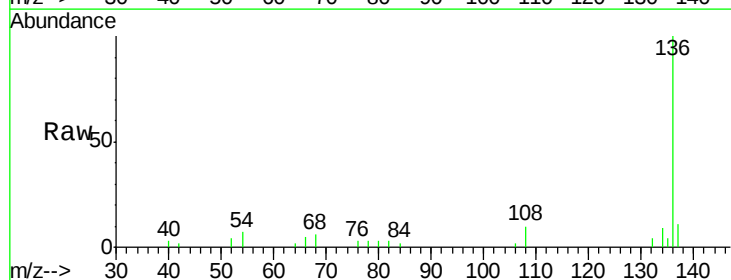
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 5.3 7.9

68 5.7 4.6 6.8

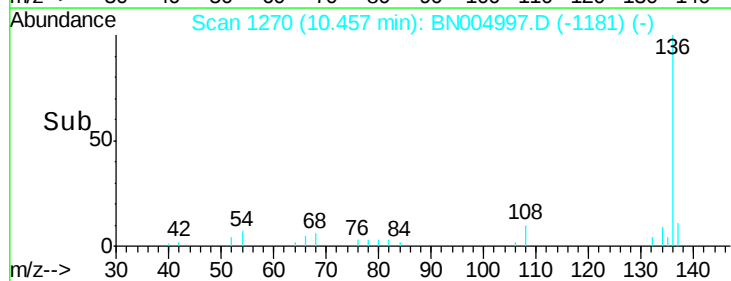
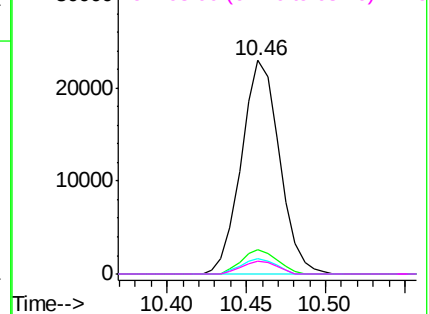


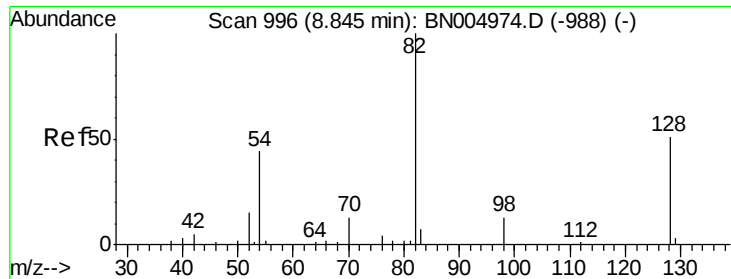
Abundance Ion 136.00 (135.70 to 136.70): BN004997.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004997.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004997.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004997.D (-1264) (-)

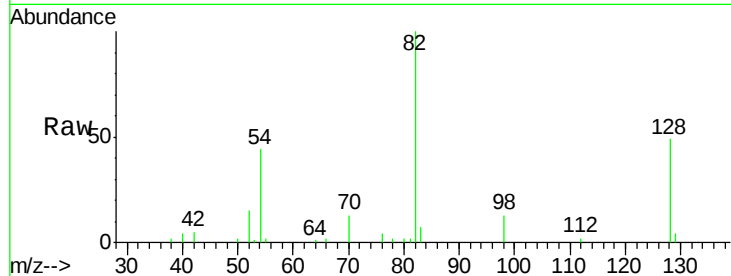




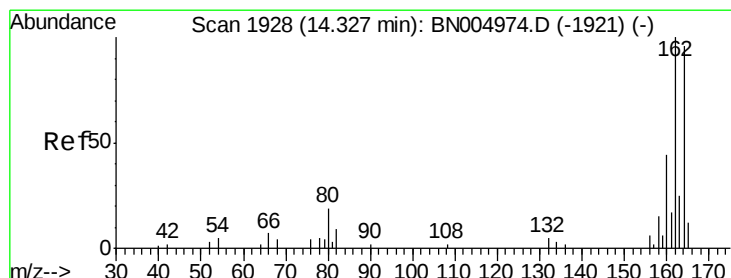
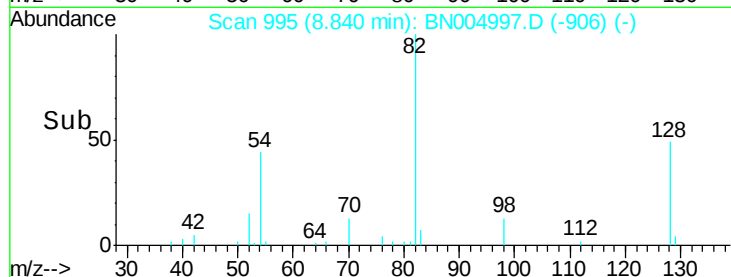
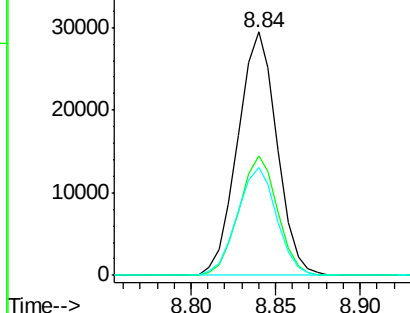
#23
Nitrobenzene-d5
Concen: 75.019 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004997.D
Acq: 27 Mar 2019 16:19

Instrument :
BNA_N
ClientSampleId :
PB118303BL

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

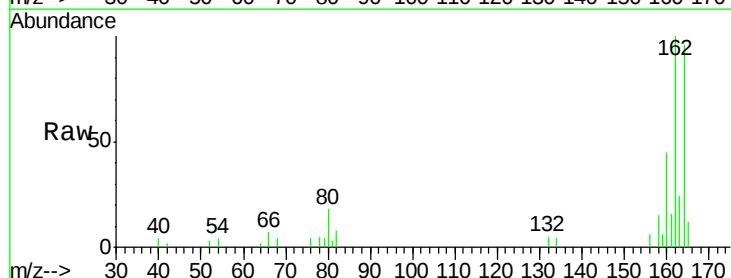


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): BN0
Ion 54.00 (53.70 to 54.70): BN0

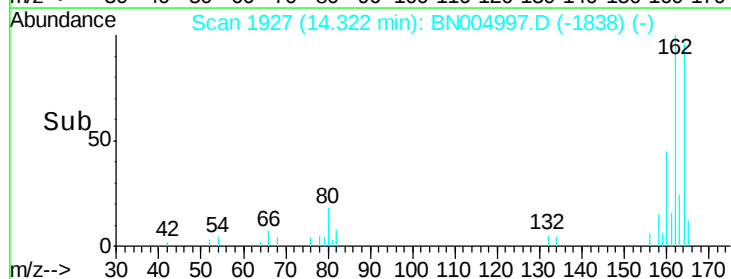
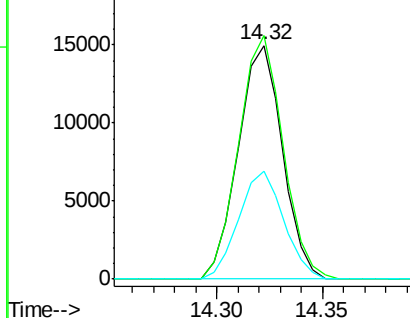


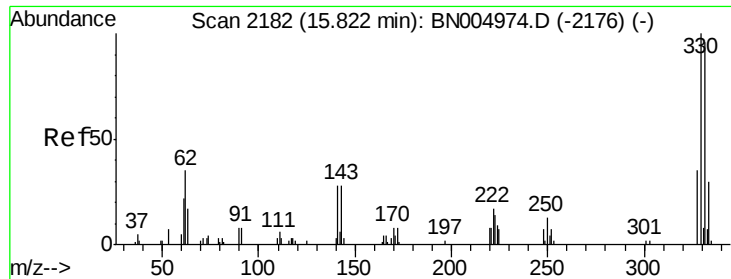
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN004997.D
Acq: 27 Mar 2019 16:19

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



Abundance Ion 164.00 (163.70 to 164.70): BN0
Ion 162.00 (161.70 to 162.70): BN0
Ion 160.00 (159.70 to 160.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

PB118303BL

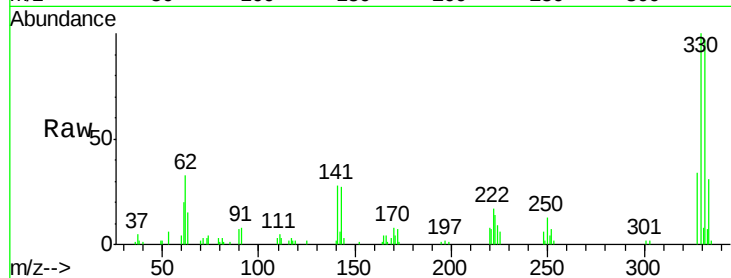
Tot Ion:330 Resp: 41147

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

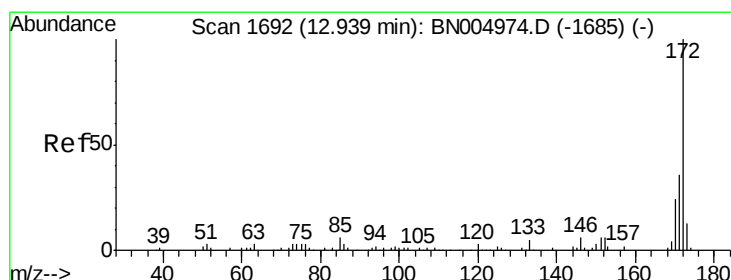
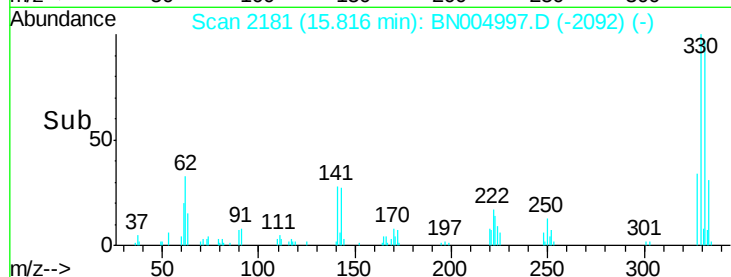
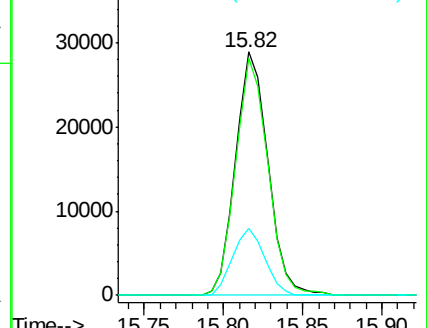
141 26.9 22.1 33.1



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: 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

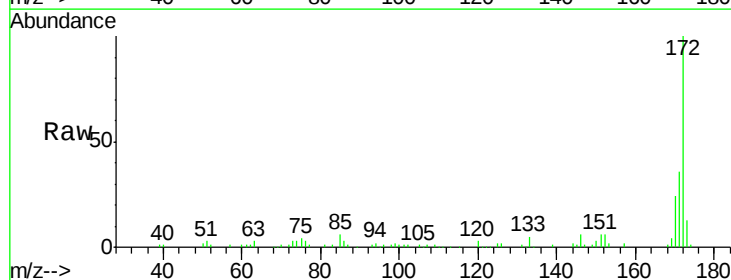
Tgt Ion:172 Resp: 125951

Ion Ratio Lower Upper

172 100

171 36.5 28.6 42.8

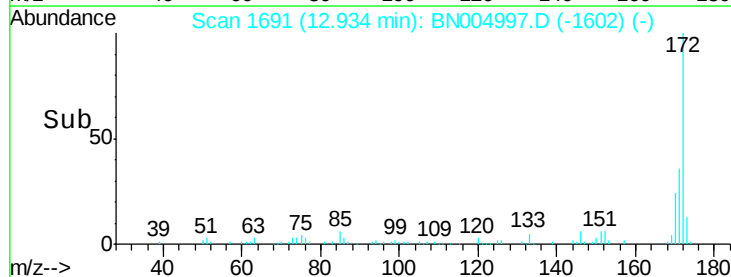
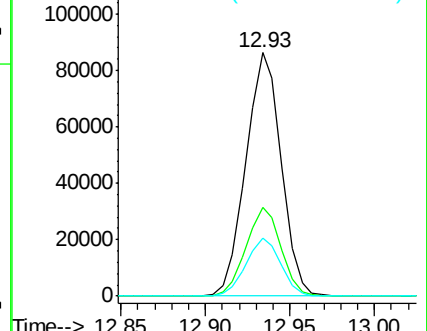
170 23.6 18.9 28.3

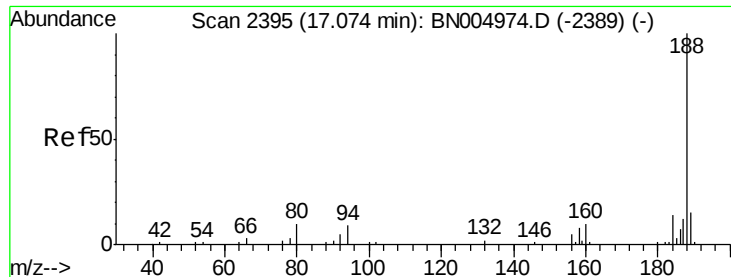


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#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

Instrument :

BNA_N

ClientSampleId :

PB118303BL

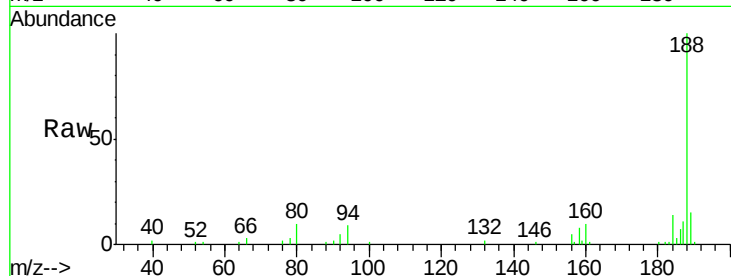
Tot Ion:188 Resp: 49860

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

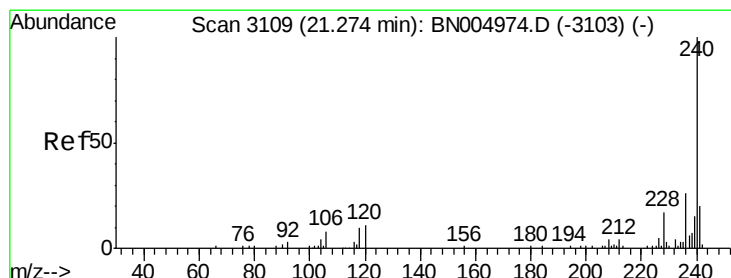
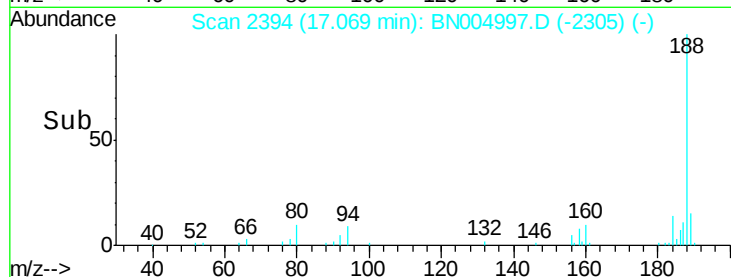
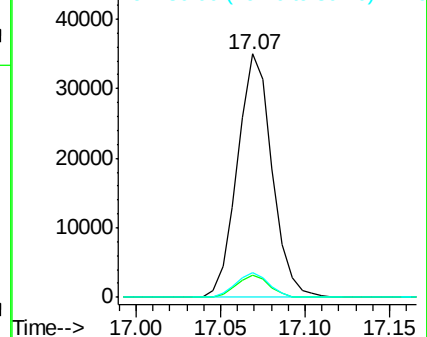
80 9.9 7.8 11.6



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN004997.D

Acq: 27 Mar 2019 16:19

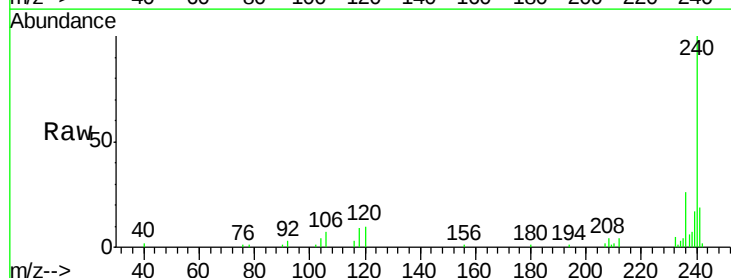
Tgt Ion:240 Resp: 46500

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

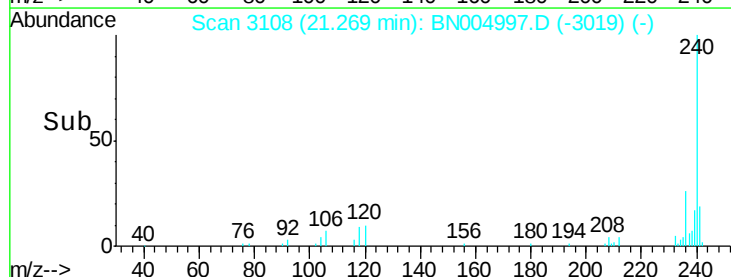
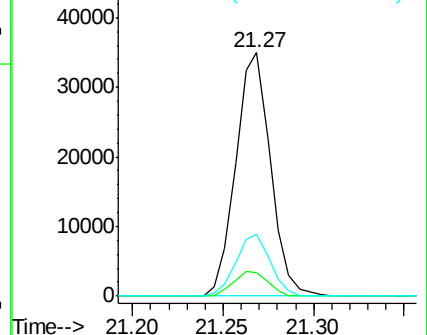
236 25.5 21.2 31.8

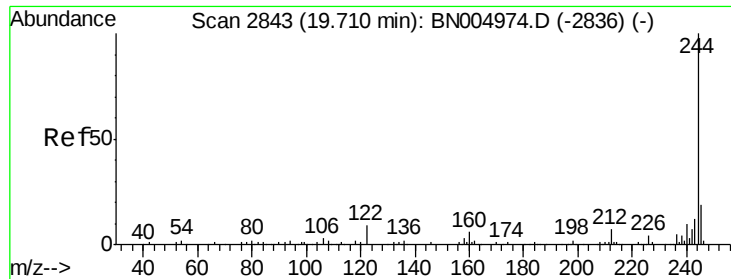


Abundance Ion 240.00 (239.70 to 240.70): E

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

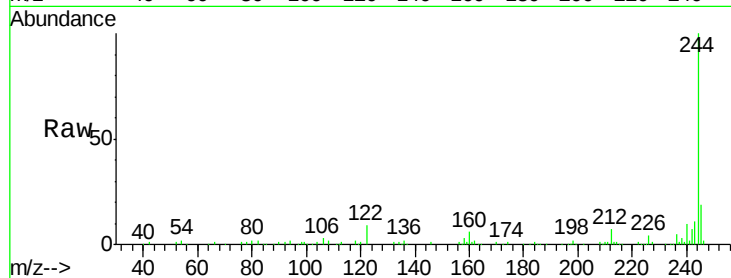
Tot Ion:244 Resp: 188304

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

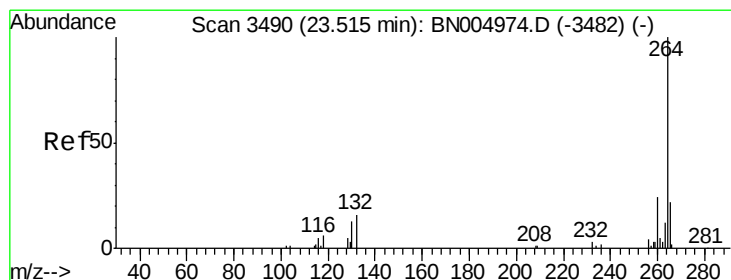
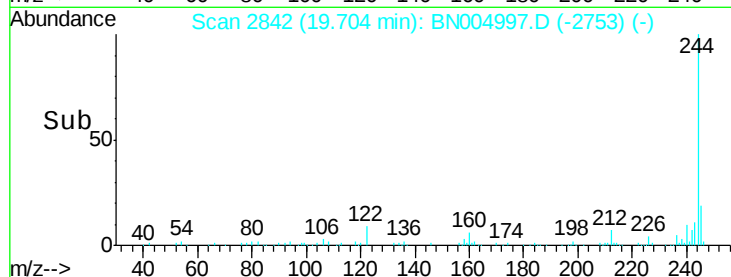
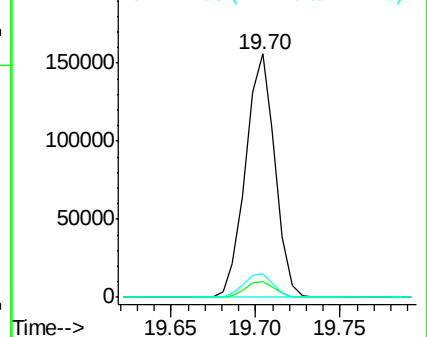
122 9.5 7.4 11.2



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: BN004997.D

Acq: 27 Mar 2019 16:19

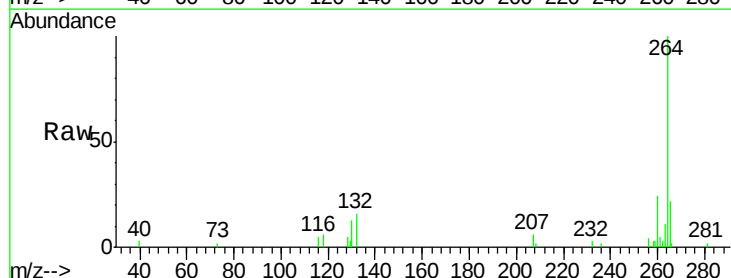
Tgt Ion:264 Resp: 41667

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.6 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

