

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 05:30:00 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

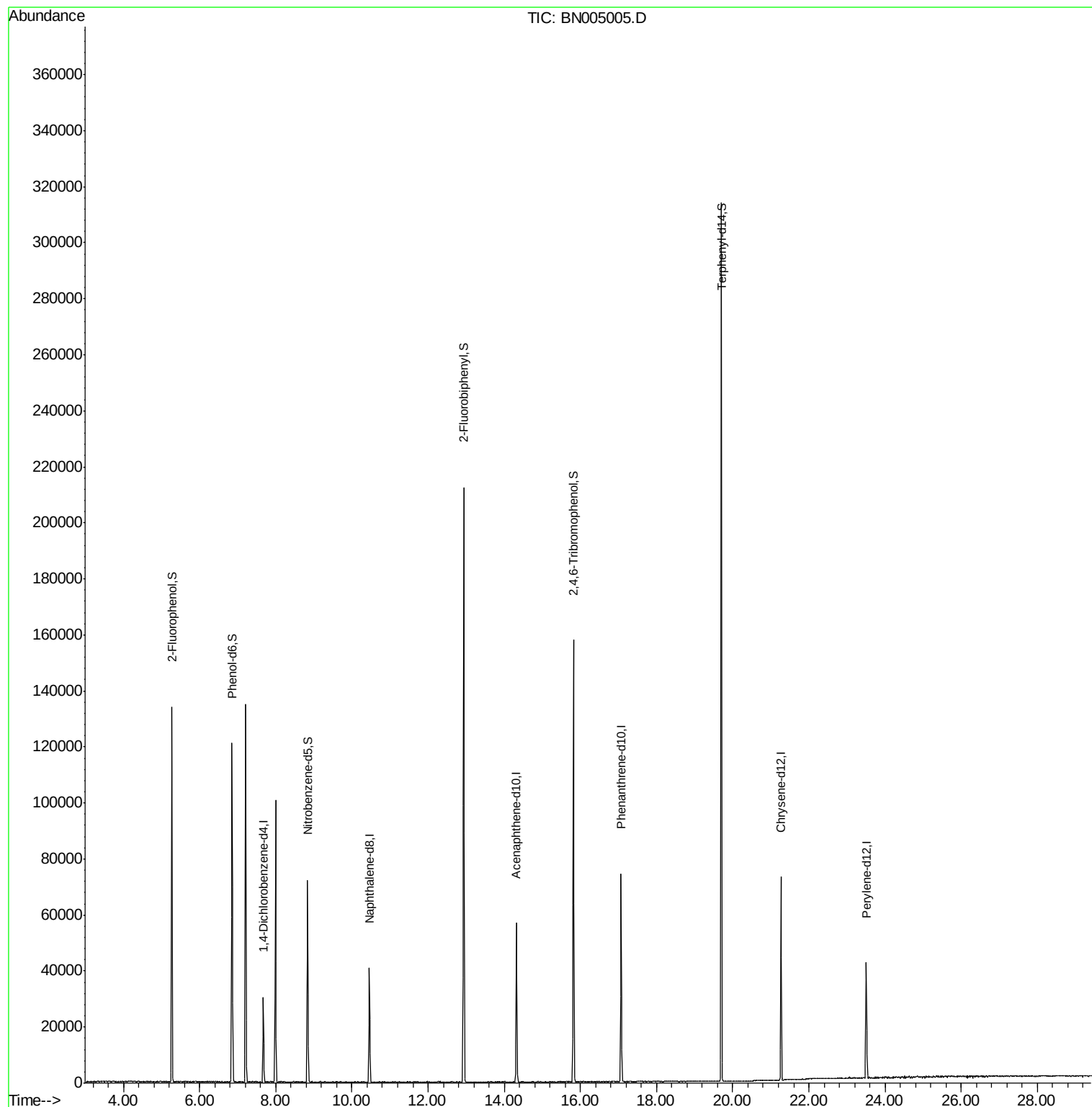
Target Compounds Qvalue

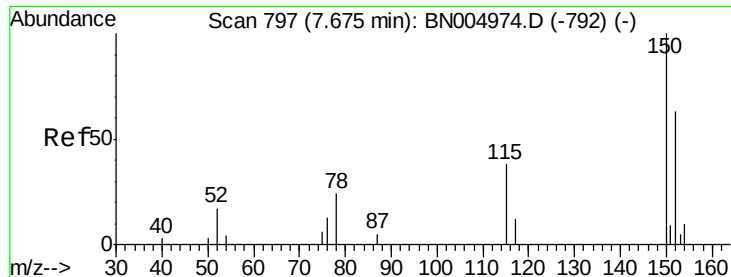
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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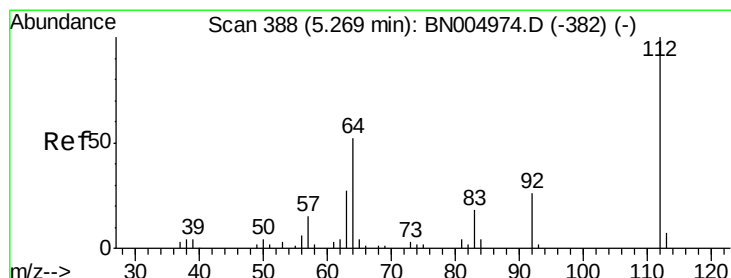
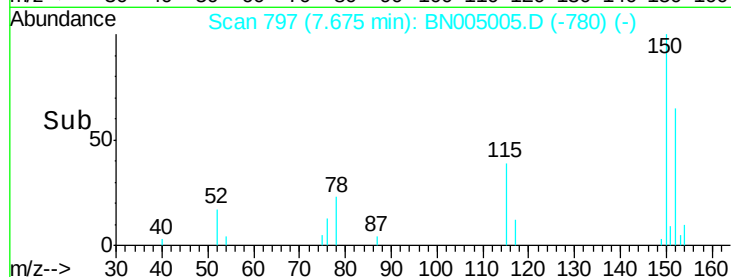
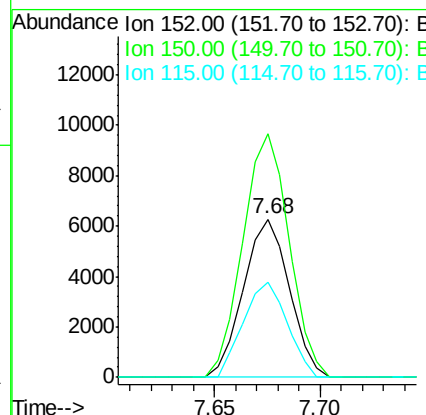
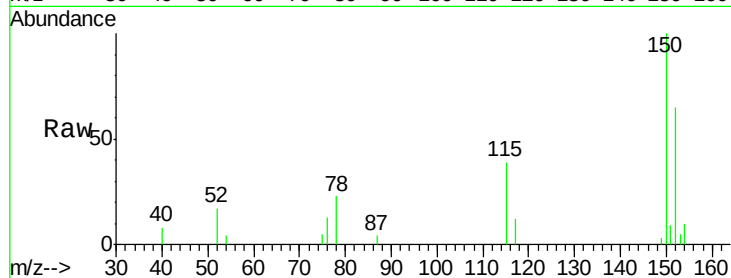


#1

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

Instrument :
BNA_N
ClientSampleId :
PB118091BL

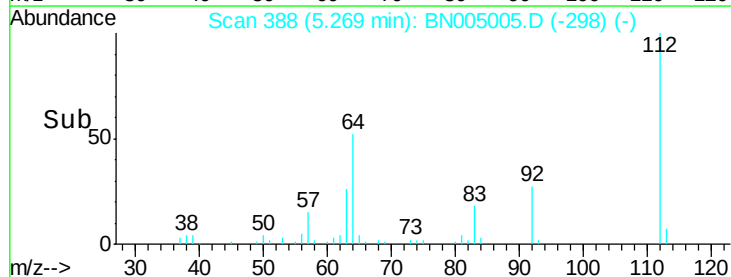
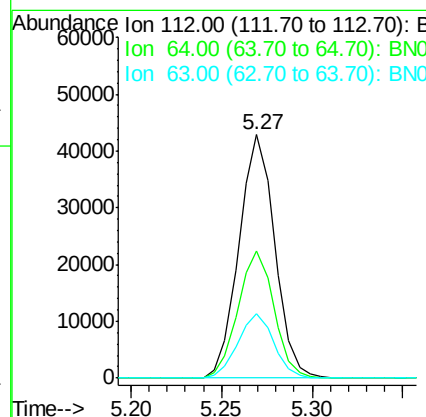
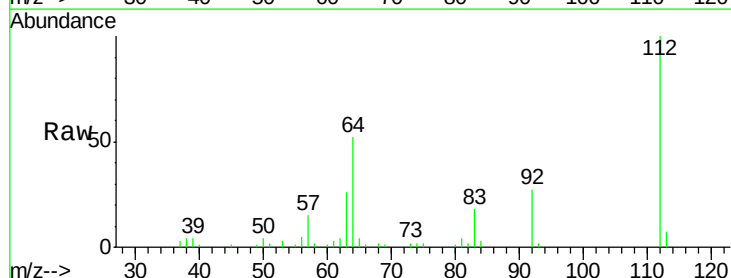
Tot Ion:152 Resp: 9500
Ion Ratio Lower Upper
152 100
150 153.8 126.9 190.3
115 59.7 47.8 71.6

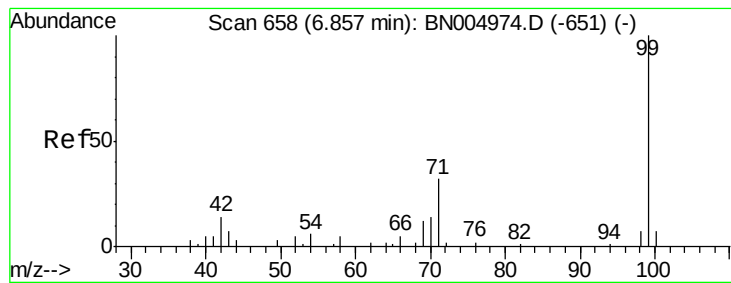


#5

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





#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

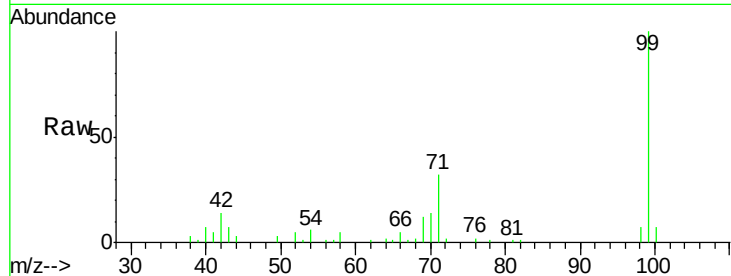
Tot Ion: 99 Resp: 75211

Ion Ratio Lower Upper

99 100

42 14.4 11.4 17.0

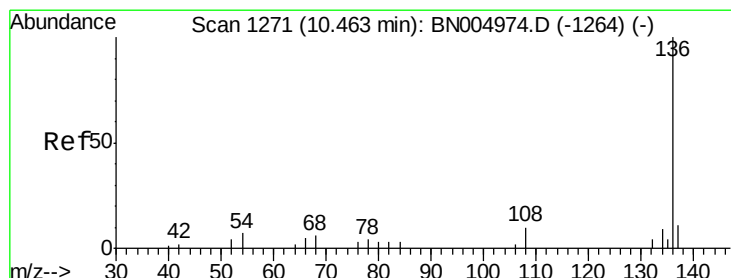
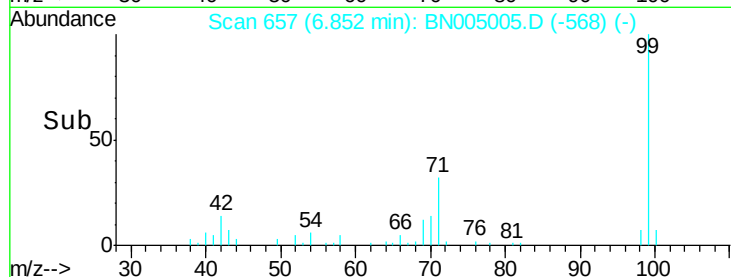
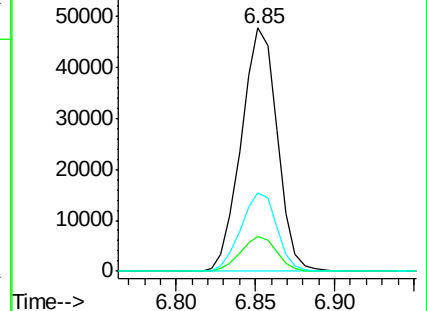
71 32.4 25.8 38.8



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) (-)



#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

Tgt Ion: 136 Resp: 36618

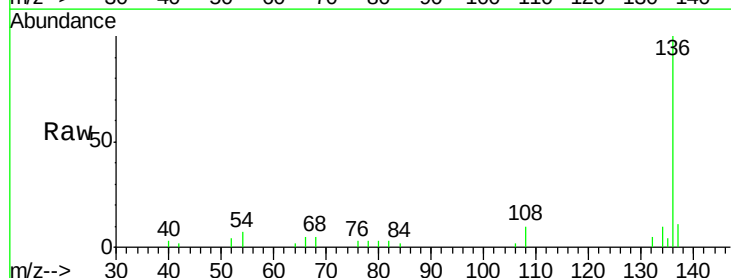
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 5.3 7.9

68 5.4 4.6 6.8

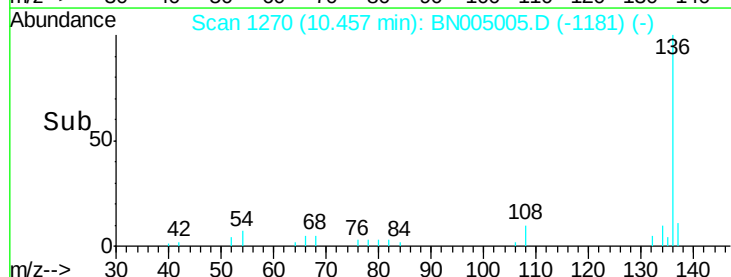
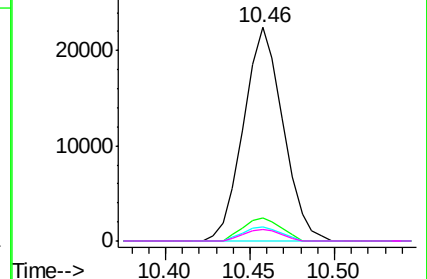


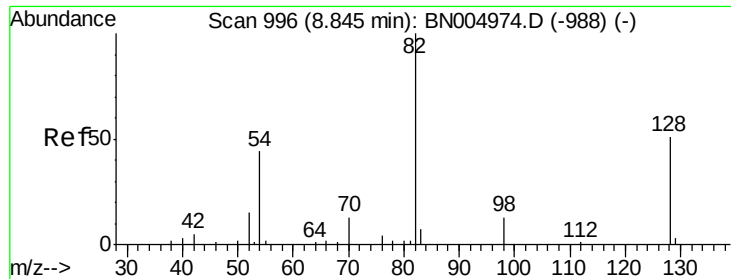
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)

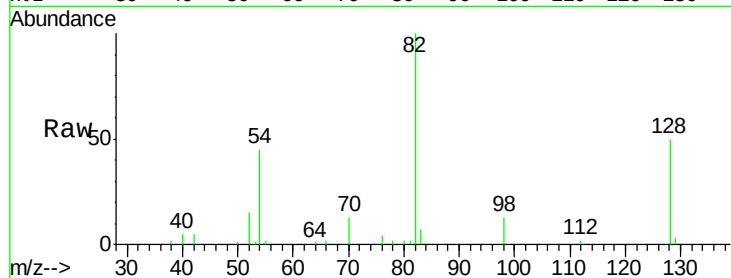




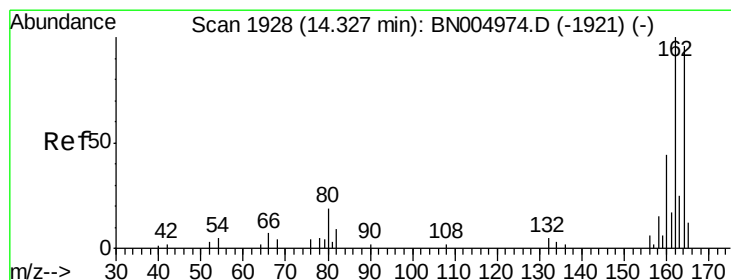
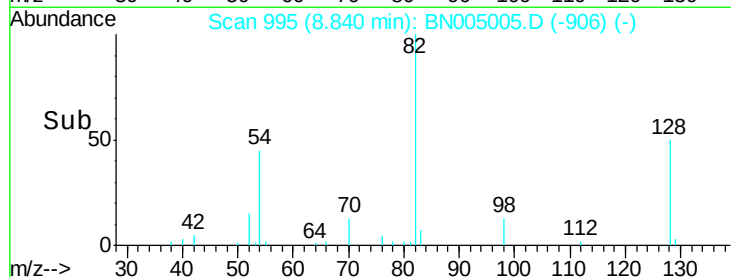
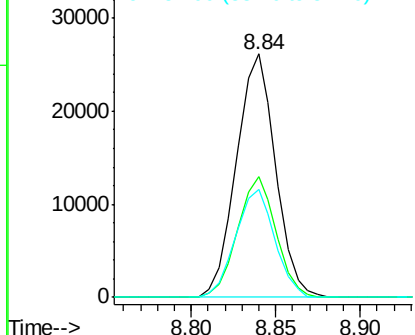
#23
 Nitrobenzene-d5
 Concen: 69.605 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN005005.D
 Acq: 27 Mar 2019 21:38

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BL

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

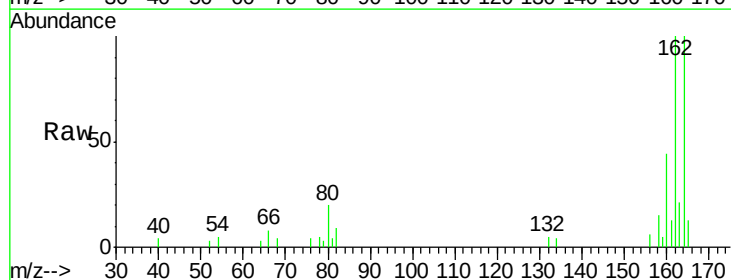


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

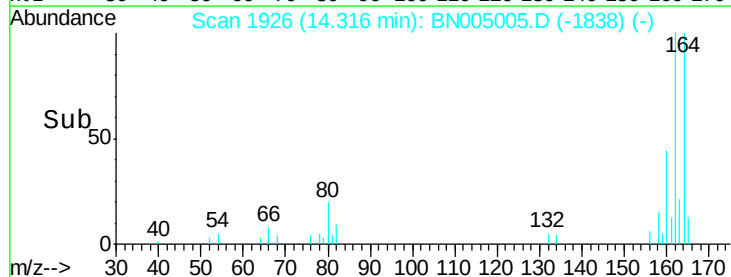
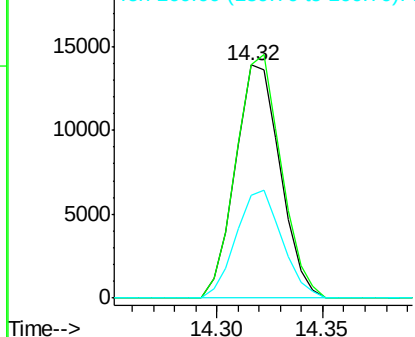


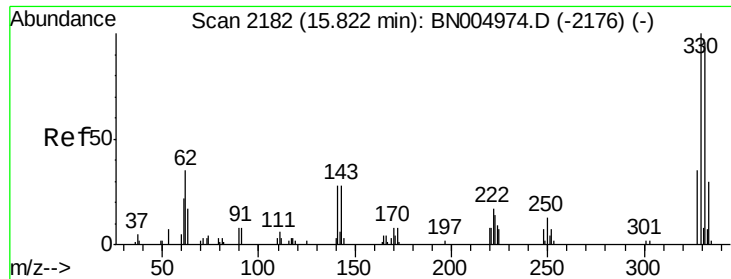
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BN005005.D
 Acq: 27 Mar 2019 21:38

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



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

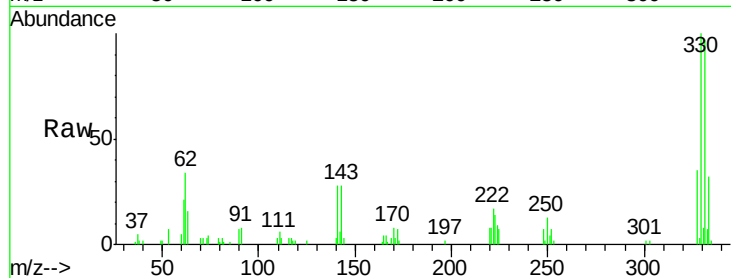




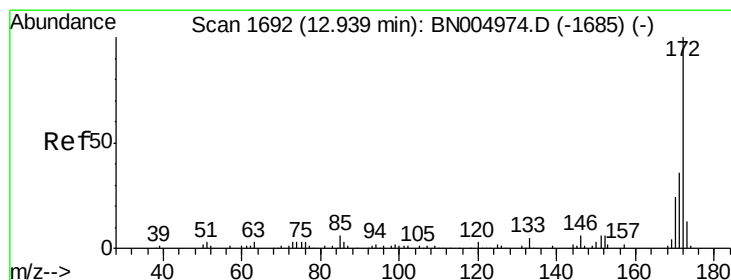
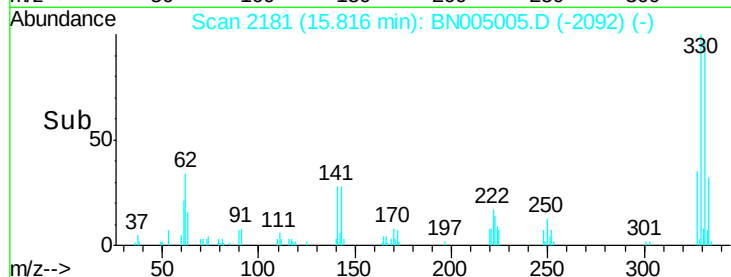
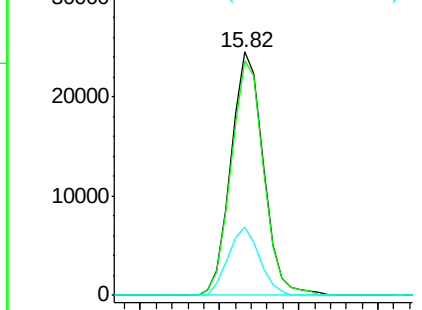
#42
 2,4,6-Tribromophenol
 Concen: 104.960 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN005005.D
 Acq: 27 Mar 2019 21:38

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BL

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

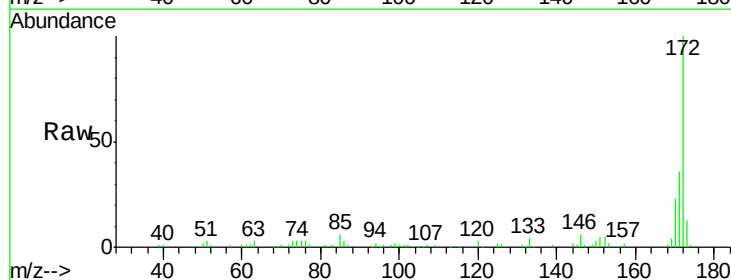


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

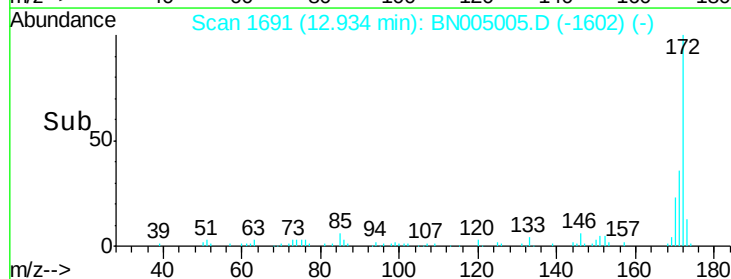
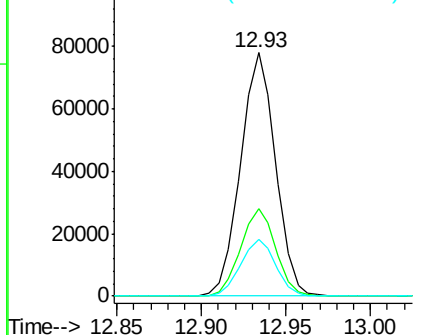


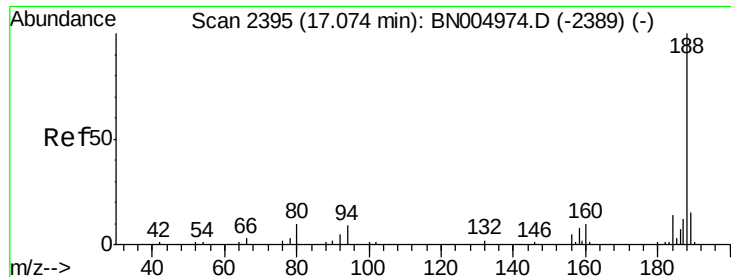
#45
 2-Fluorobiphenyl
 Concen: 72.391 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN005005.D
 Acq: 27 Mar 2019 21:38

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



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

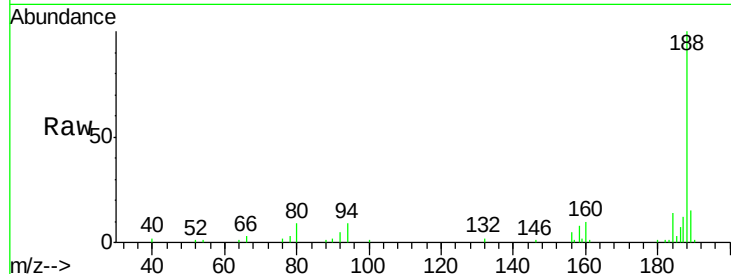




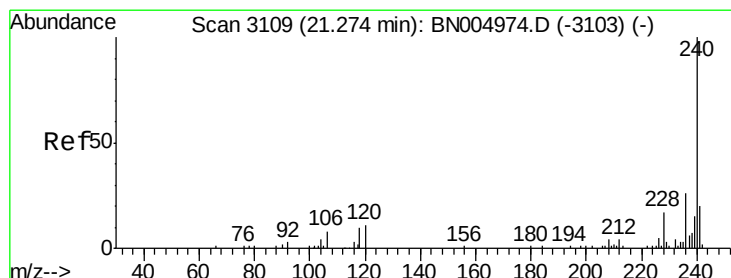
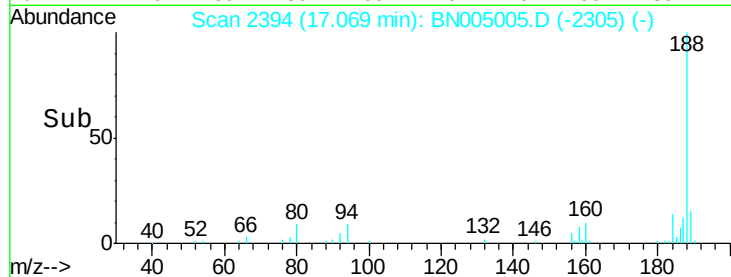
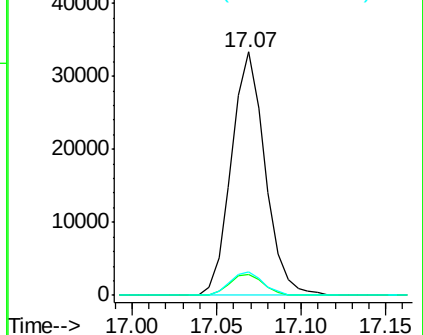
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

Instrument :
BNA_N
ClientSampleId :
PB118091BL

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

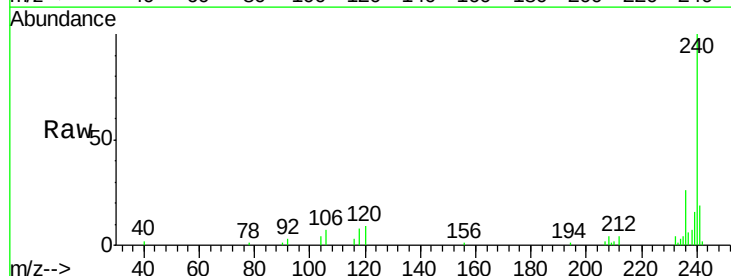


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

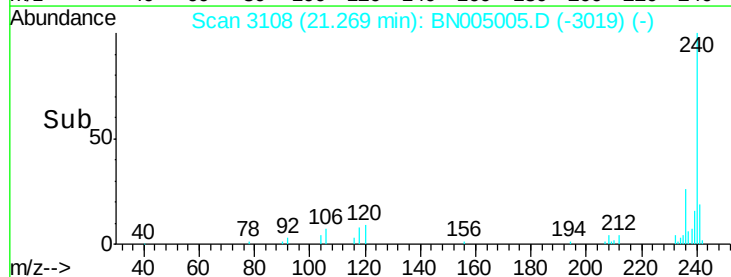
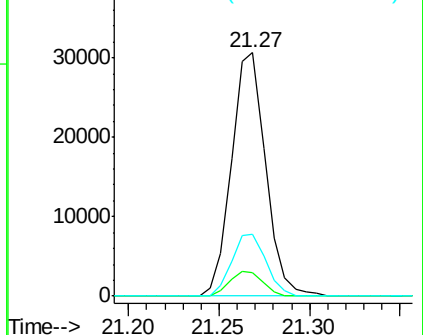


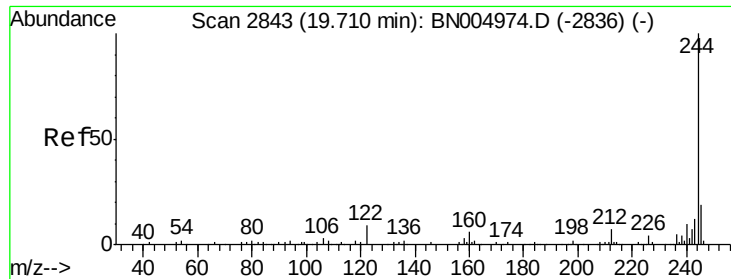
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN005005.D
Acq: 27 Mar 2019 21:38

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

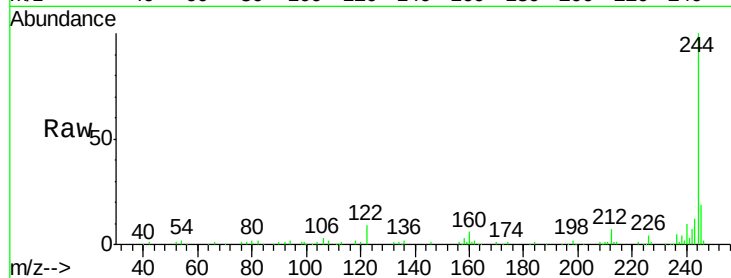
Tot Ion:244 Resp: 156669

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

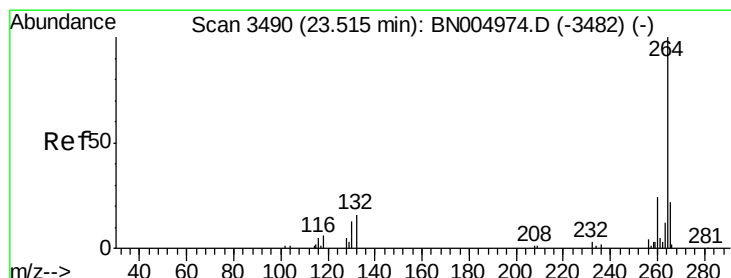
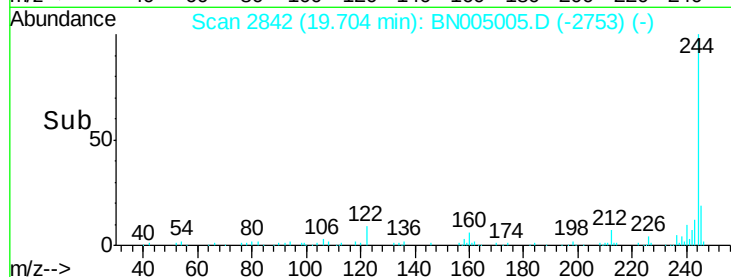
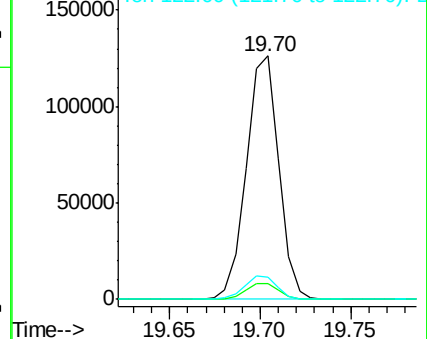
122 9.2 7.4 11.2



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

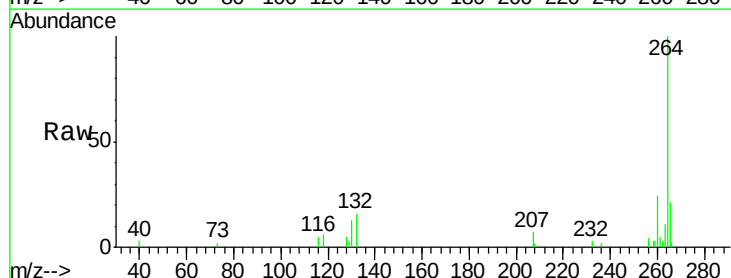
Tgt Ion:264 Resp: 35092

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

