

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004984.D
 Acq On : 26 Mar 2019 20:46
 Operator : JU/SJ
 Sample : PB118232BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118232BL

Quant Time: Mar 27 05:39:40 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	7.67	152	11164	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	43589	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	24922	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	58346	20.00	ng	0.00
76) Chrysene-d12	21.27	240	62178	20.00	ng	0.00
87) Perylene-d12	23.52	264	62175	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	80660	124.91	ng	0.00
7) Phenol-d6	6.85	99	103625	120.99	ng	0.00
23) Nitrobenzene-d5	8.83	82	59273	82.26	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	54061	134.50	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	157392	83.69	ng	0.00
79) Terphenyl-d14	19.71	244	256578	79.45	ng	0.00

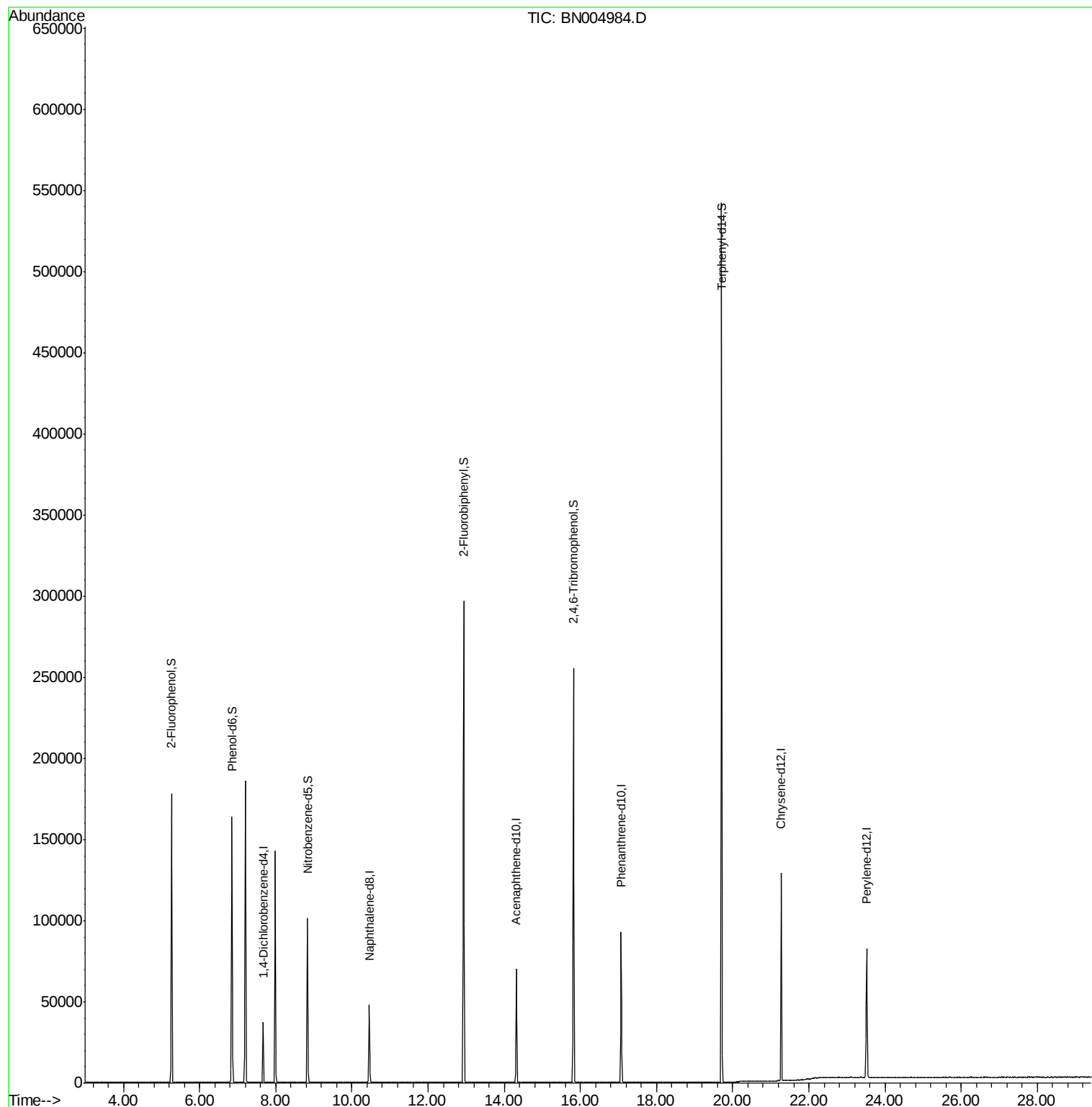
Target Compounds	Qvalue
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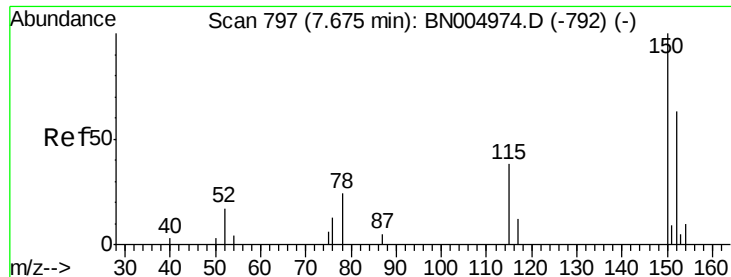
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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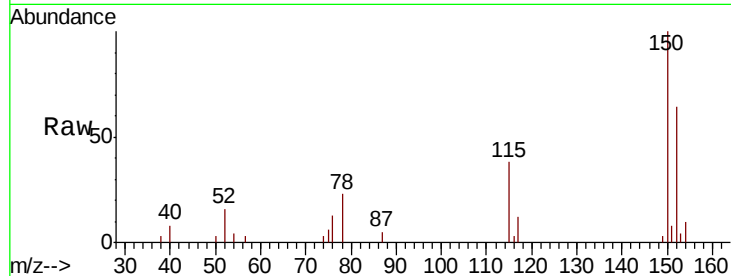


#1

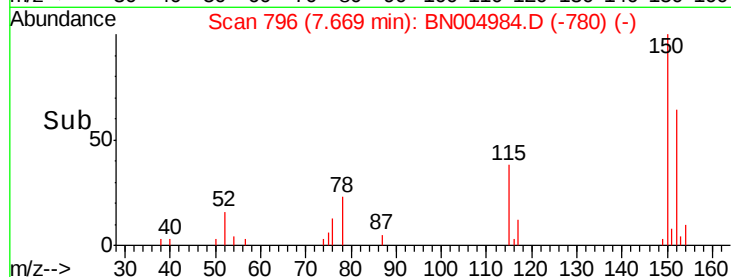
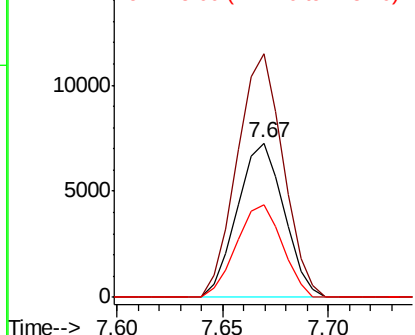
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BN004984.D
 Acq: 26 Mar 2019 20:46

Instrument :
 BNA_N
 ClientSampleId :
 PB118232BL

Tot Ion:152 Resp: 11164
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.9 190.3
 115 59.7 47.8 71.6



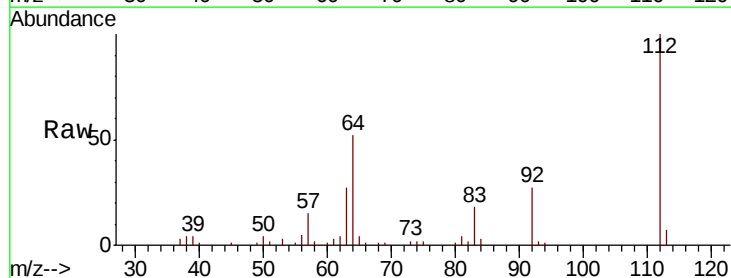
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



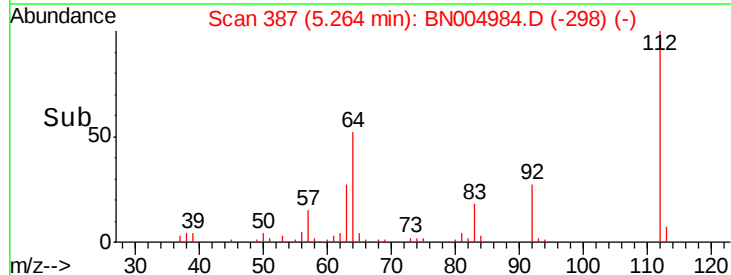
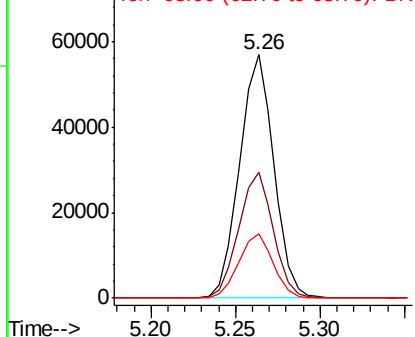
#5

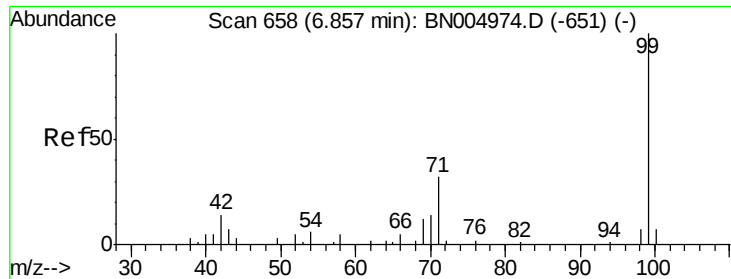
2-Fluorophenol
 Concen: 124.913 ng
 RT: 5.26 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: BN004984.D
 Acq: 26 Mar 2019 20:46

Tgt Ion:112 Resp: 80660
 Ion Ratio Lower Upper
 112 100
 64 51.9 41.9 62.9
 63 26.7 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: 120.993 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004984.D

Acq: 26 Mar 2019 20:46

Instrument :

BNA_N

ClientSampleId :

PB118232BL

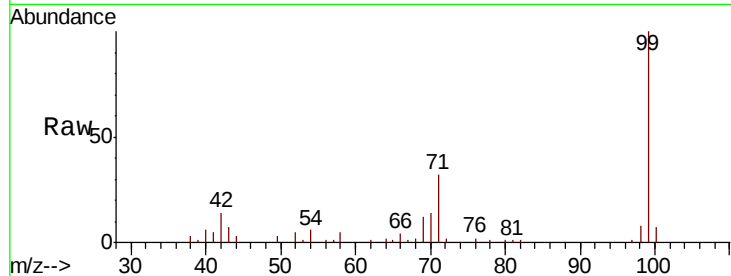
Tot Ion: 99 Resp: 103625

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

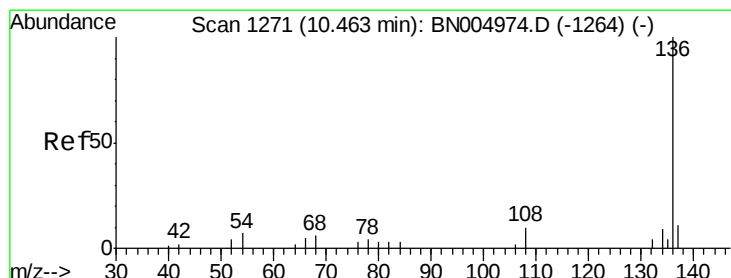
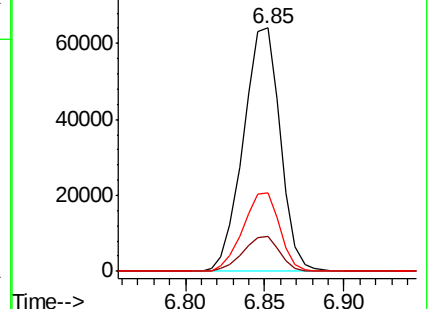
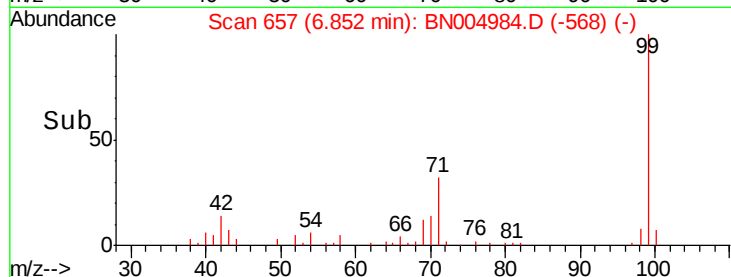
71 32.2 25.8 38.8



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: 10.45 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BN004984.D

Acq: 26 Mar 2019 20:46

Tgt Ion: 136 Resp: 43589

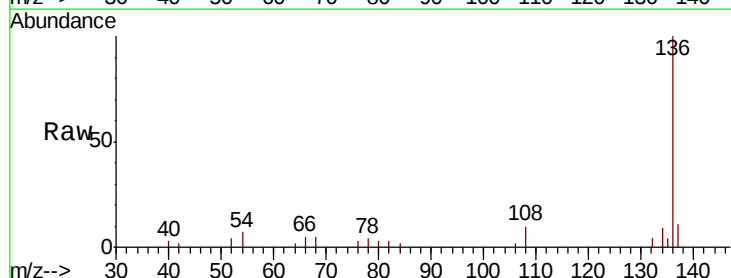
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.7 5.3 7.9

68 5.4 4.6 6.8

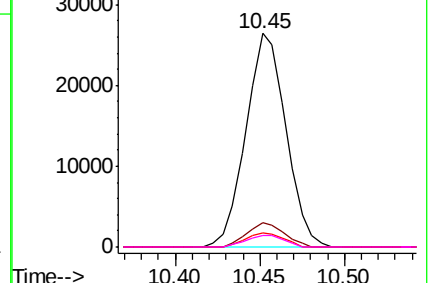
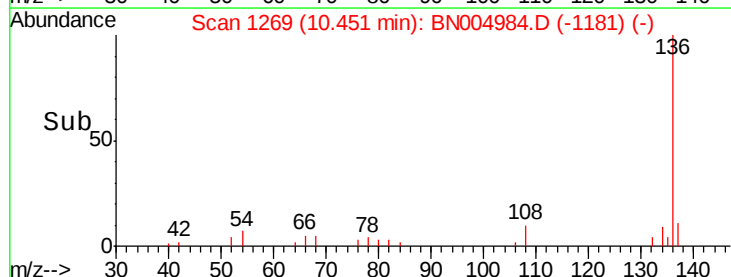


Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

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) (-)

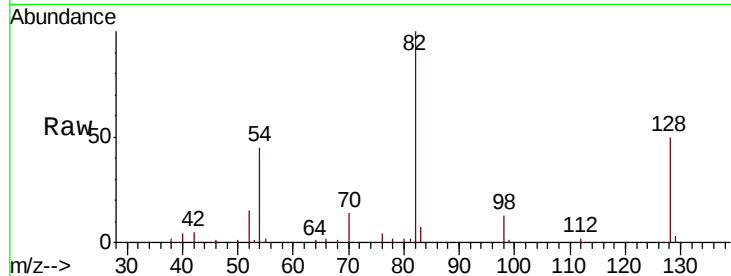




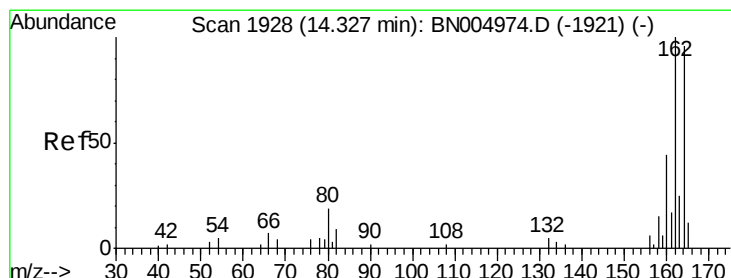
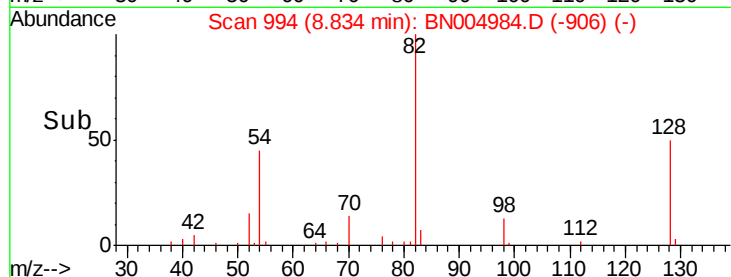
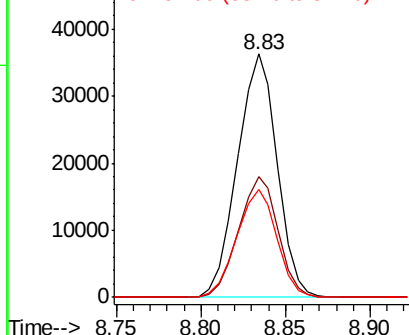
#23
Nitrobenzene-d5
Concen: 82.257 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BN004984.D
Acq: 26 Mar 2019 20:46

Instrument :
BNA_N
ClientSampleId :
PB118232BL

Tot Ion	82	Resp	59273
Ion Ratio	100	Lower	Upper
128	49.6	40.6	60.8
54	44.6	35.2	52.8

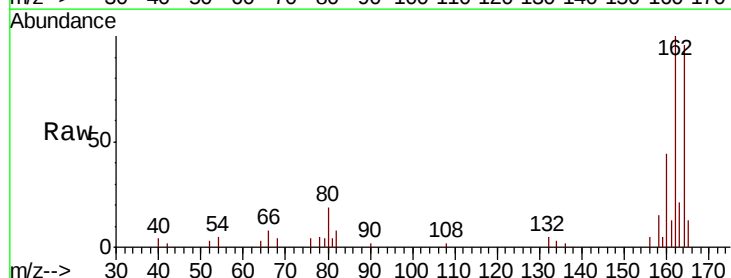


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

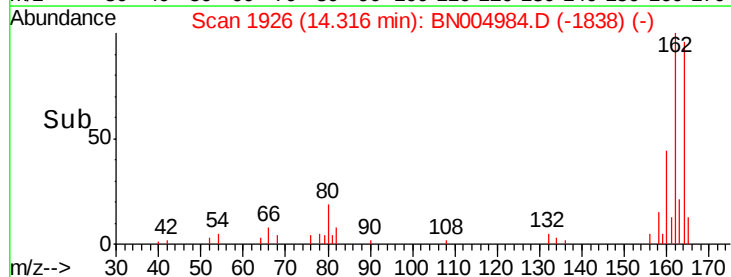
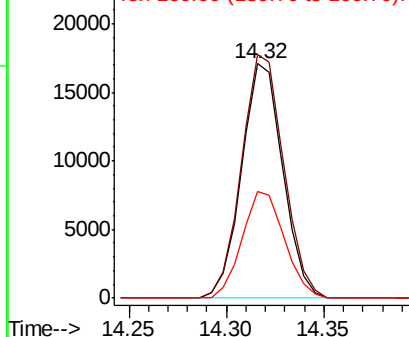


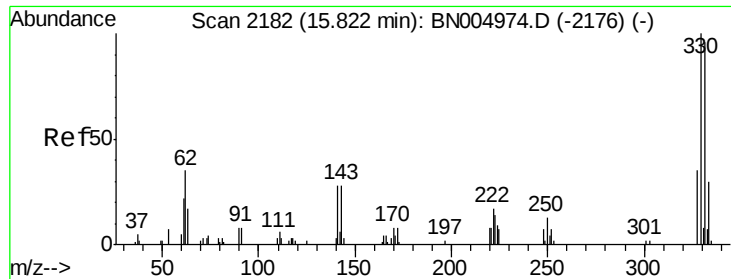
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BN004984.D
Acq: 26 Mar 2019 20:46

Tgt Ion	164	Resp	24922
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.8	83.4	125.0
160	45.4	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

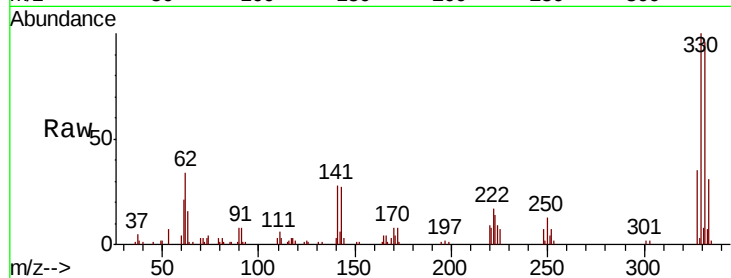




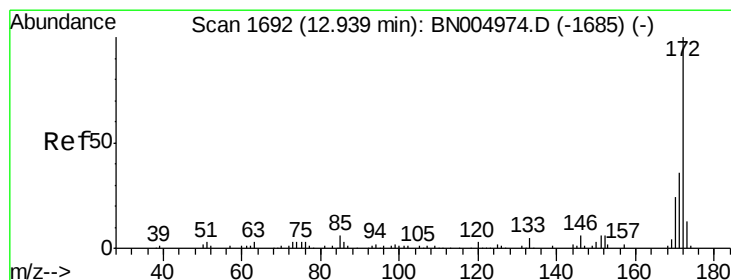
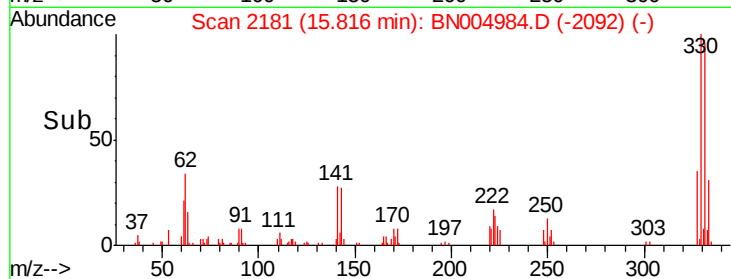
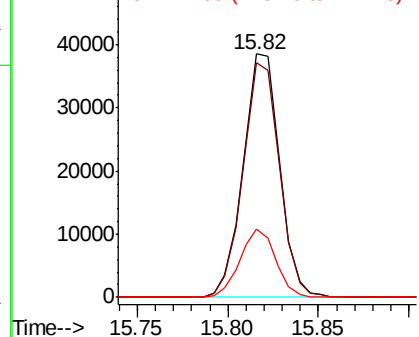
#42
 2,4,6-Tribromophenol
 Concen: 134.498 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN004984.D
 Acq: 26 Mar 2019 20:46

Instrument :
 BNA_N
 ClientSampleId :
 PB118232BL

Tot Ion:330 Resp: 54061
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 27.5 22.1 33.1

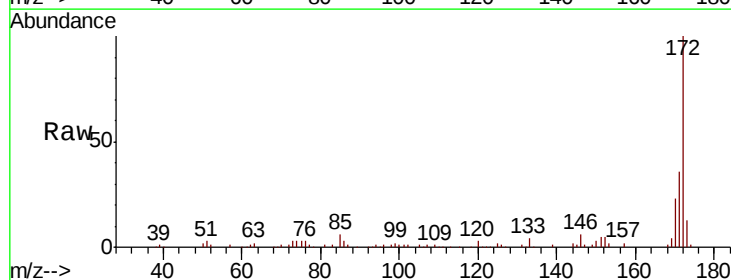


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

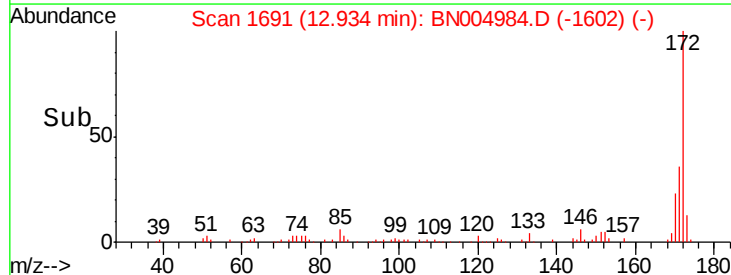
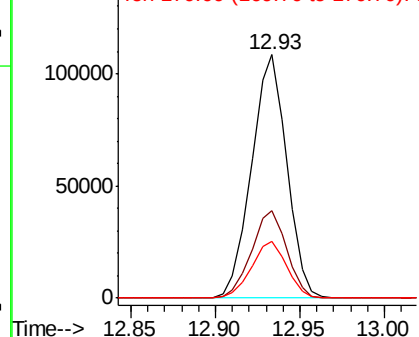


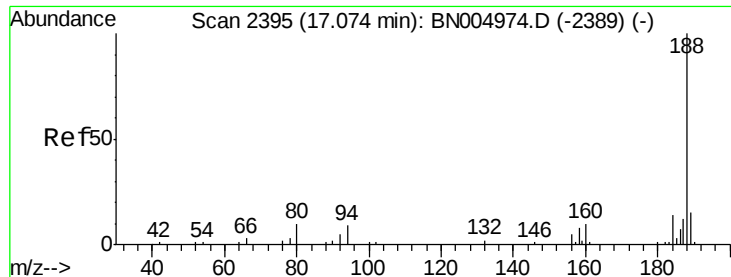
#45
 2-Fluorobiphenyl
 Concen: 83.687 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN004984.D
 Acq: 26 Mar 2019 20:46

Tgt Ion:172 Resp: 157392
 Ion Ratio Lower Upper
 172 100
 171 35.7 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: BN004984.D

Acq: 26 Mar 2019 20:46

Instrument :

BNA_N

ClientSampleId :

PB118232BL

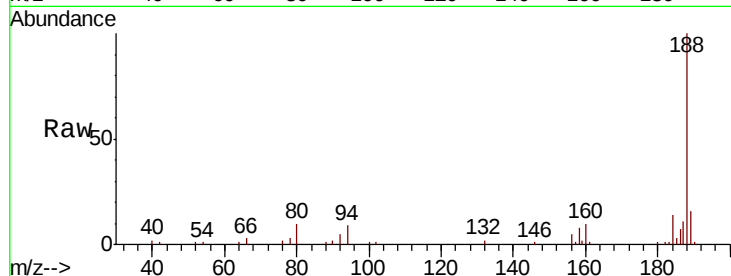
Tot Ion:188 Resp: 58346

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

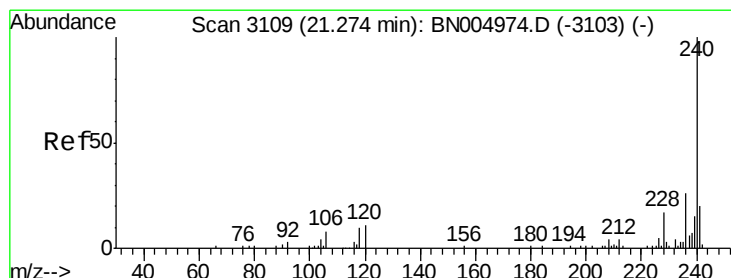
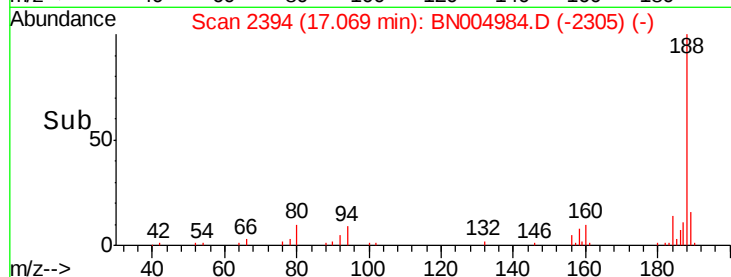
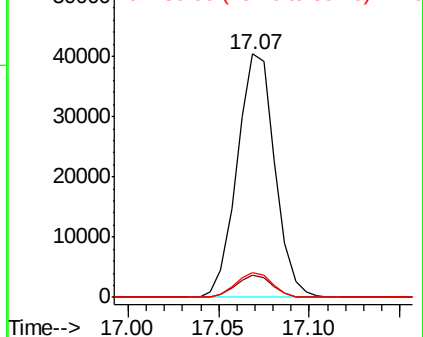
80 10.2 7.8 11.6



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# 3109

Delta R.T. 0.00 min

Lab File: BN004984.D

Acq: 26 Mar 2019 20:46

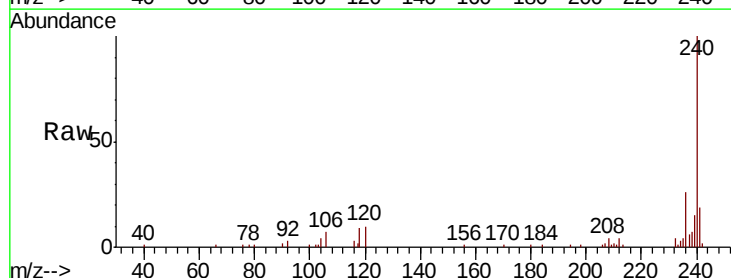
Tgt Ion:240 Resp: 62178

Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

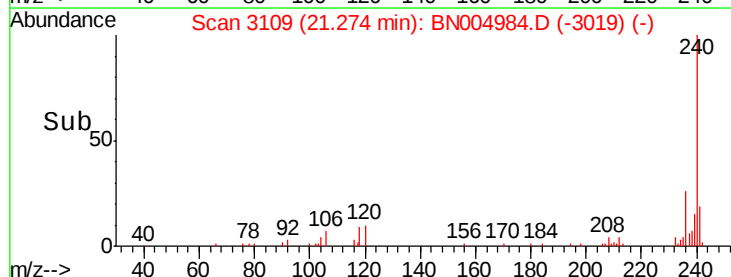
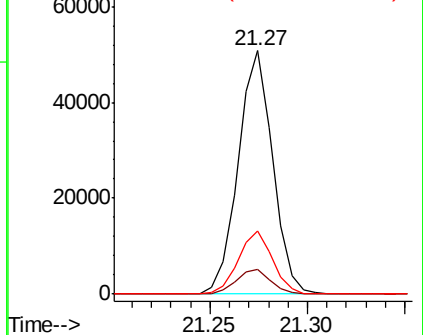
236 26.1 21.2 31.8

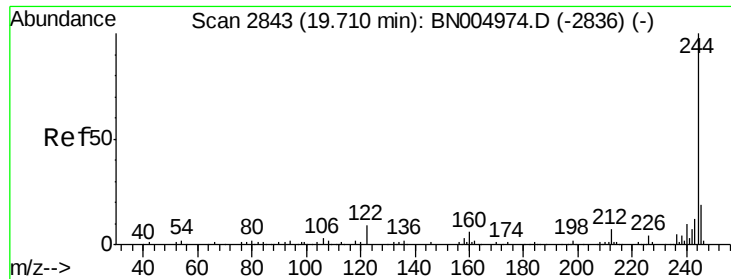


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.445 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN004984.D

Acq: 26 Mar 2019 20:46

Instrument :

BNA_N

ClientSampleId :

PB118232BL

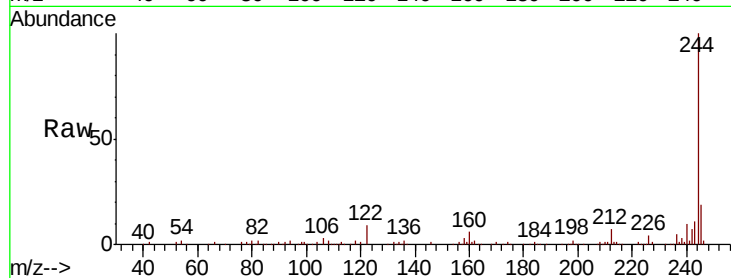
Tot Ion:244 Resp: 256578

Ion Ratio Lower Upper

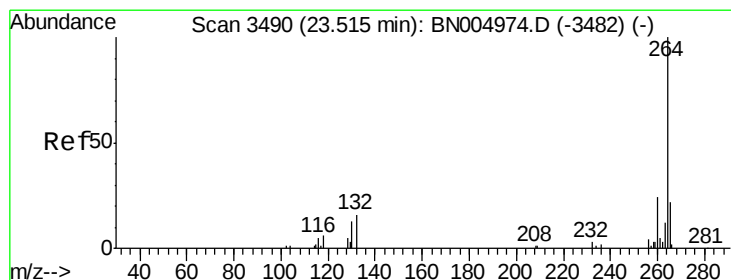
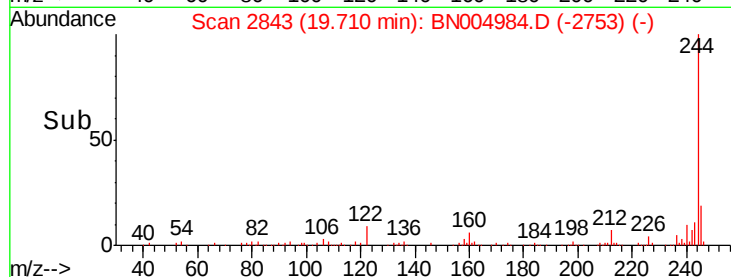
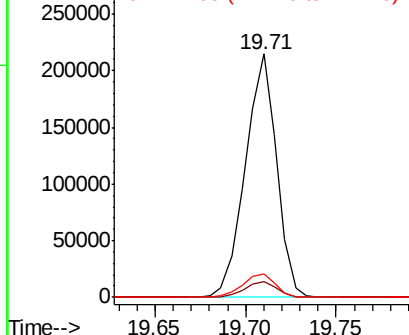
244 100

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: 23.52 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BN004984.D

Acq: 26 Mar 2019 20:46

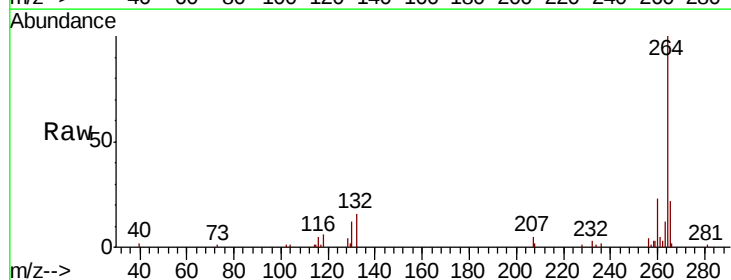
Tgt Ion:264 Resp: 62175

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.8 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

