

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005092.D
 Acq On : 04 Apr 2019 13:24
 Operator : JU/SJ
 Sample : K2224-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 033019-LIFT-E-U-S

Quant Time: Apr 04 16:13:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 14:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7319	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	29431	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	17157	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	38020	20.00	ng	0.00
76) Chrysene-d12	21.25	240	37858	20.00	ng	0.00
87) Perylene-d12	23.48	264	38156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	19864	46.92	ng	0.00
7) Phenol-d6	6.82	99	15313	27.27	ng	0.00
23) Nitrobenzene-d5	8.82	82	48116	98.90	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	27933	100.95	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	134042	103.53	ng	0.00
79) Terphenyl-d14	19.69	244	191300	97.28	ng	0.00

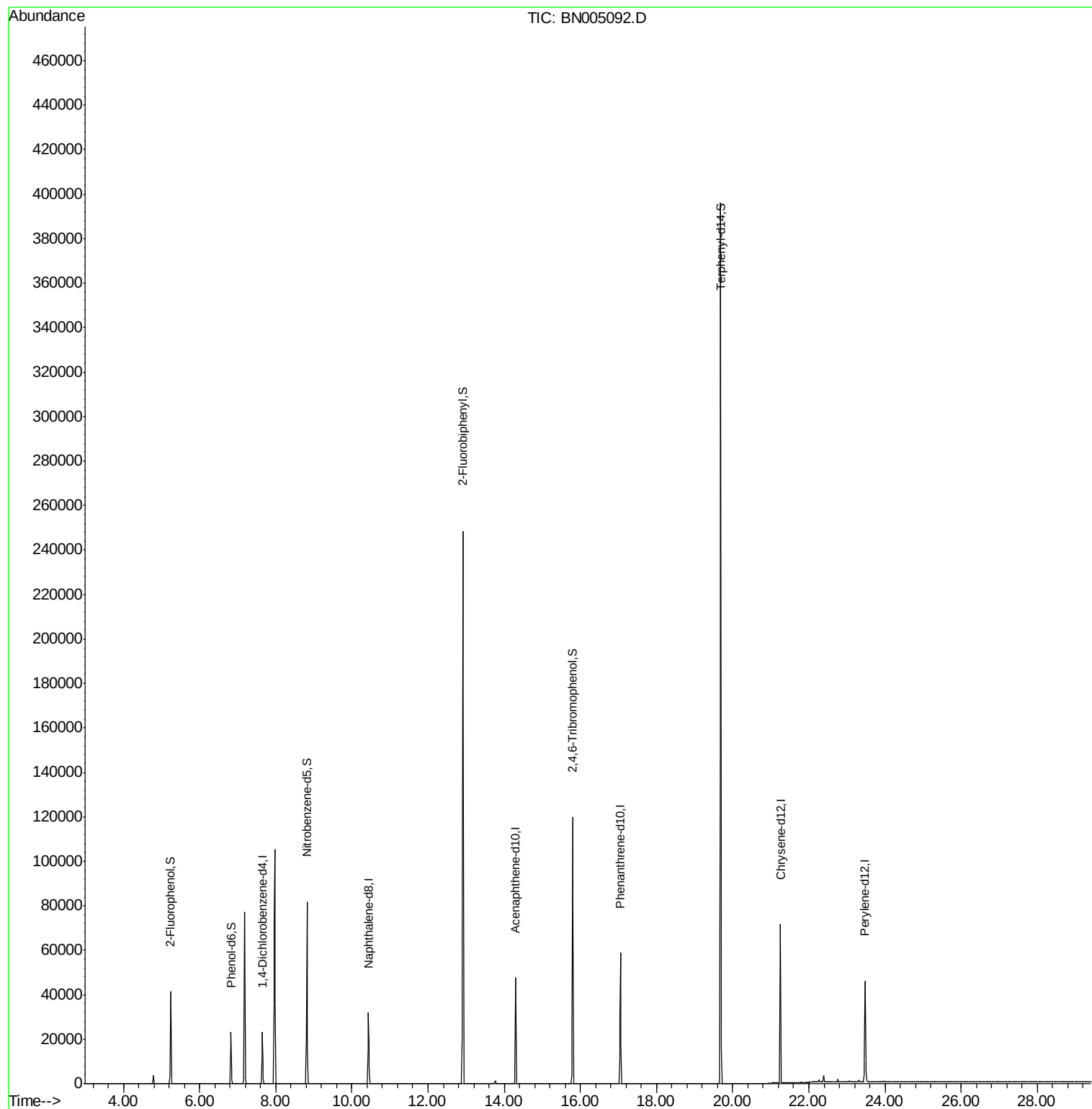
Target Compounds Qvalue

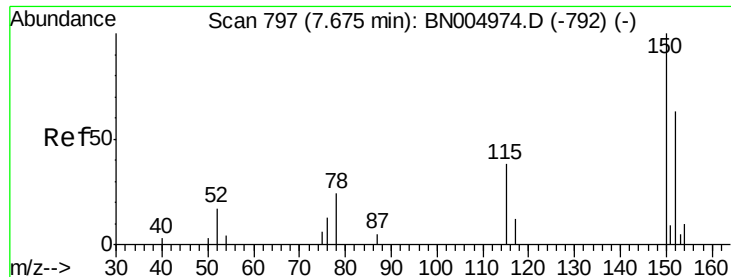
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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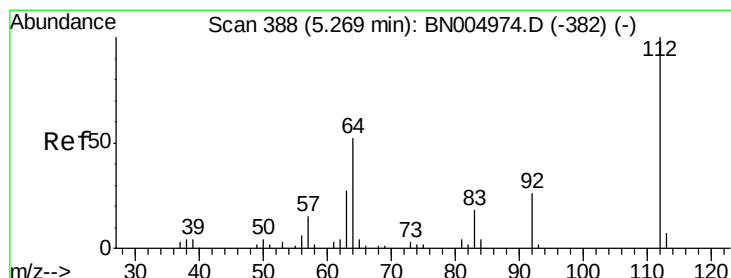
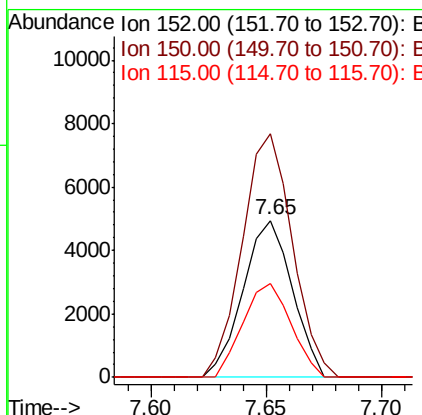
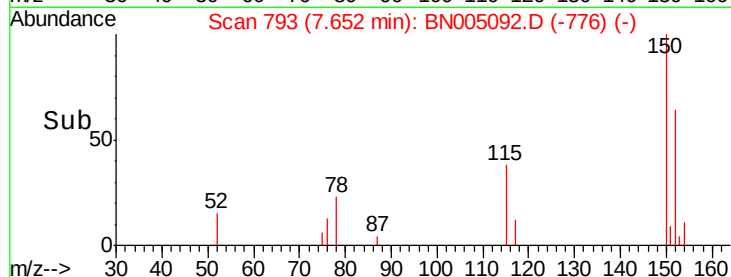
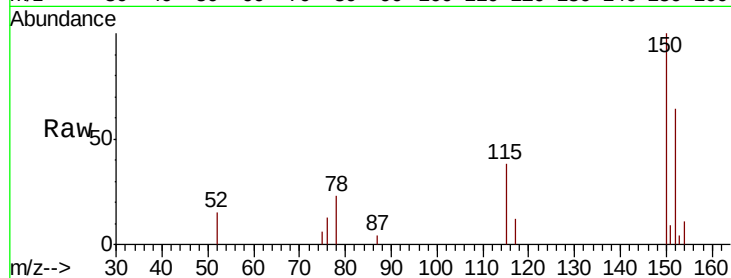


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BN005092.D
Acq: 04 Apr 2019 13:24

Instrument :
BNA_N
ClientSampleId :
033019-LIFT-E-U-S

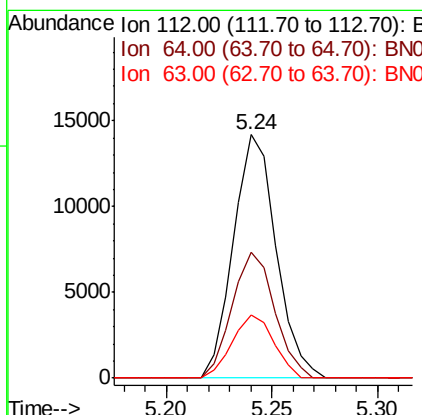
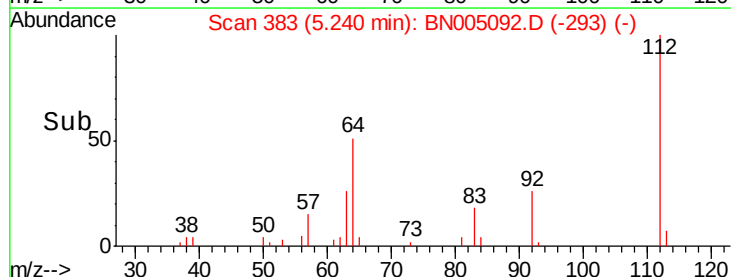
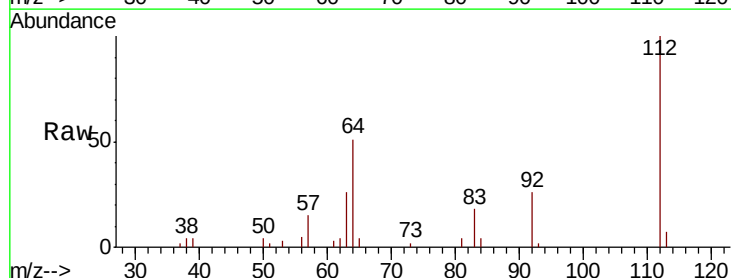
Tot Ion:152 Resp: 7319
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 59.5 47.9 71.9

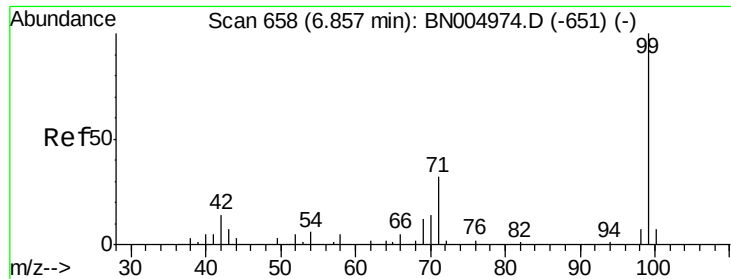


#5

2-Fluorophenol
Concen: 46.923 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BN005092.D
Acq: 04 Apr 2019 13:24

Tgt Ion:112 Resp: 19864
Ion Ratio Lower Upper
112 100
64 51.5 41.2 61.8
63 25.7 20.7 31.1





#7

Phenol-d6

Concen: 27.272 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

033019-LIFT-E-U-S

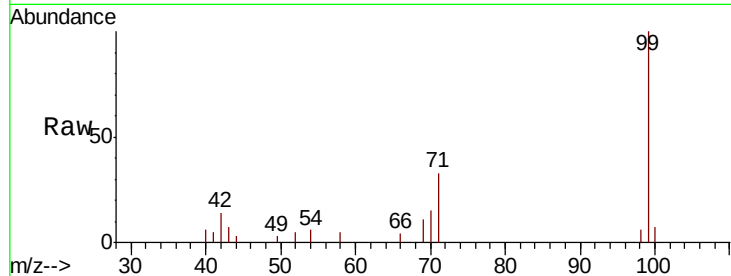
Tot Ion: 99 Resp: 15313

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

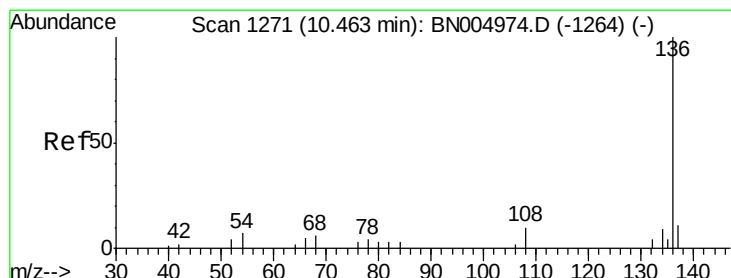
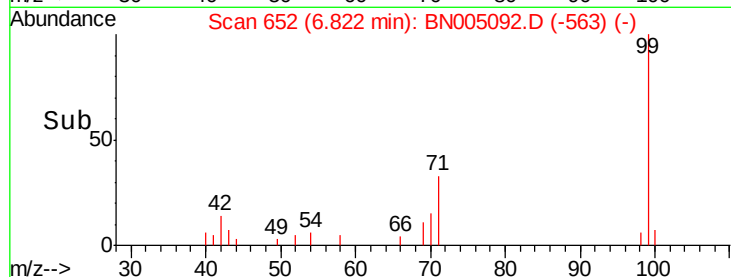
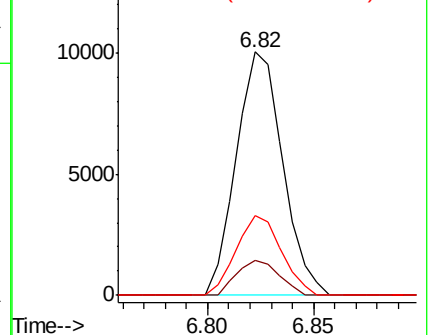
71 32.6 25.8 38.8



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: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Tgt Ion: 136 Resp: 29431

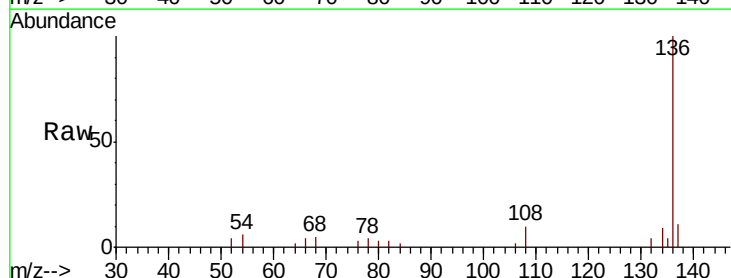
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.3 5.0 7.4

68 5.3 4.2 6.4

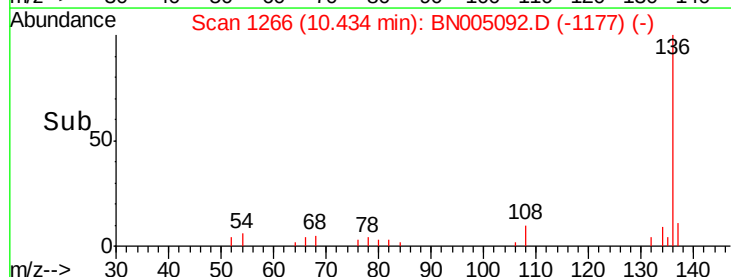
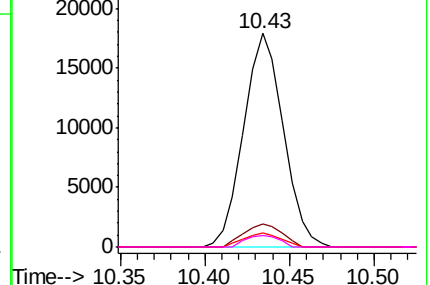


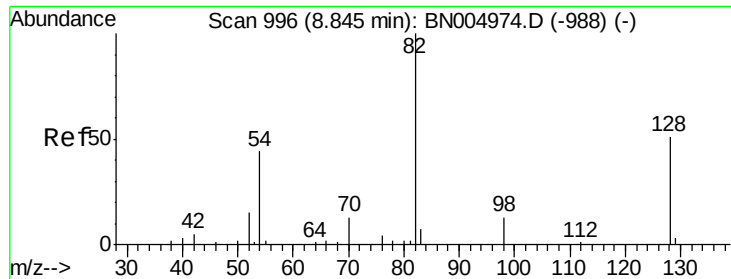
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

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) (-)

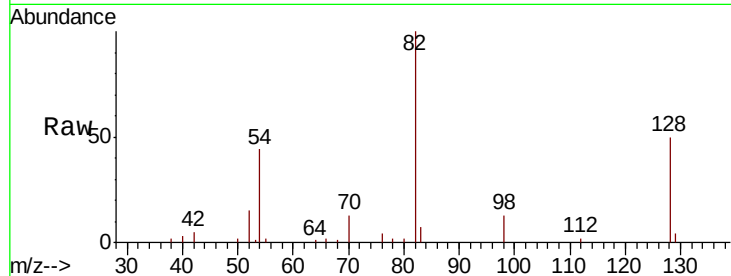




#23
 Nitrobenzene-d5
 Concen: 98.896 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Instrument :
 BNA_N
 ClientSampleId :
 033019-LIFT-E-U-S

Tot Ion	82	Resp	48116
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.6	60.8
54	43.9	34.4	51.6

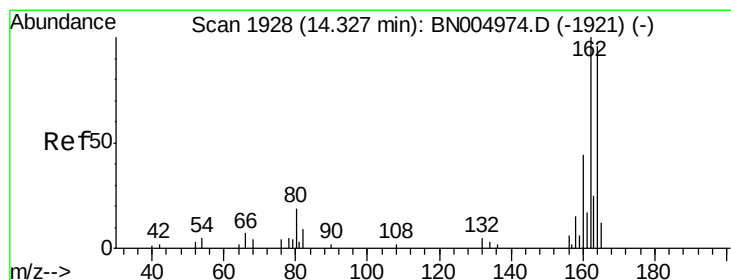
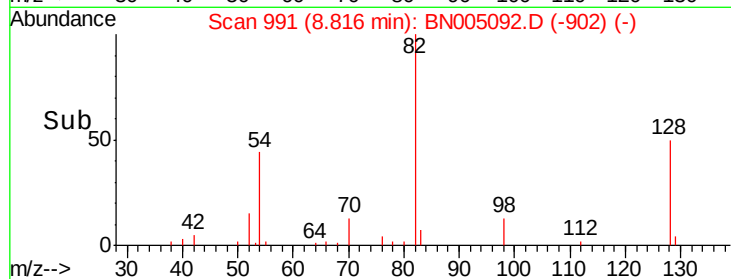
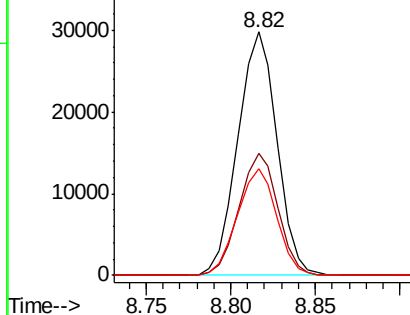


Abundance

Ion 82.00 (81.70 to 82.70): BN0

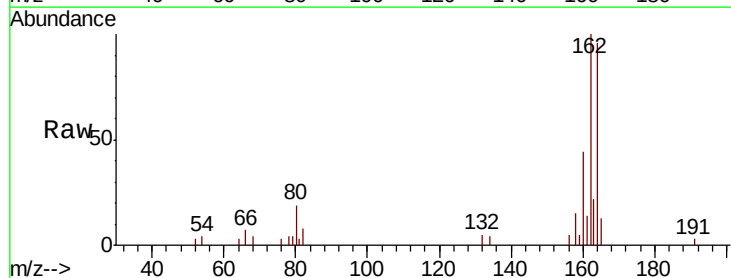
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Tgt Ion	164	Resp	17157
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.8	125.6
160	45.5	36.0	54.0

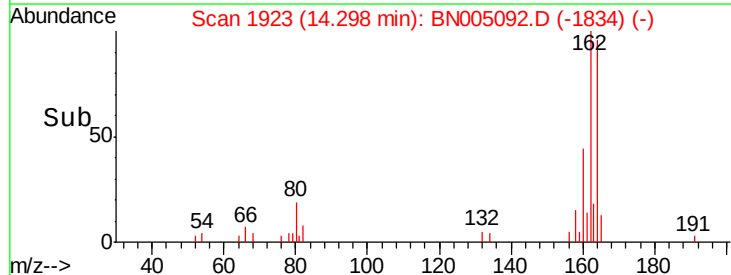
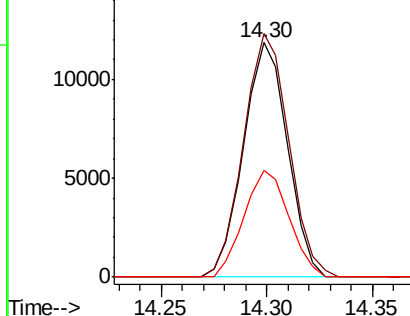


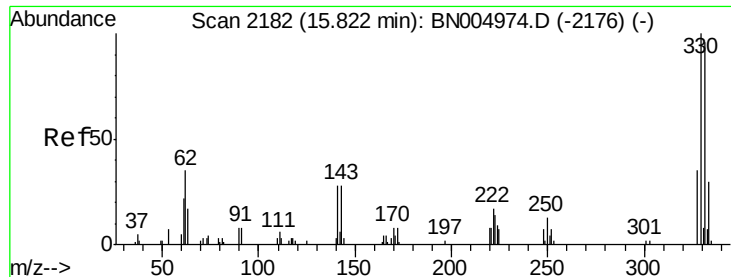
Abundance

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

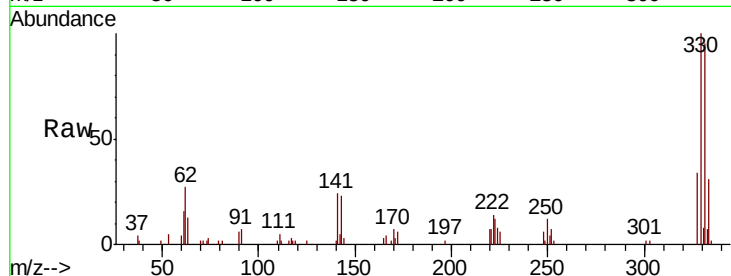




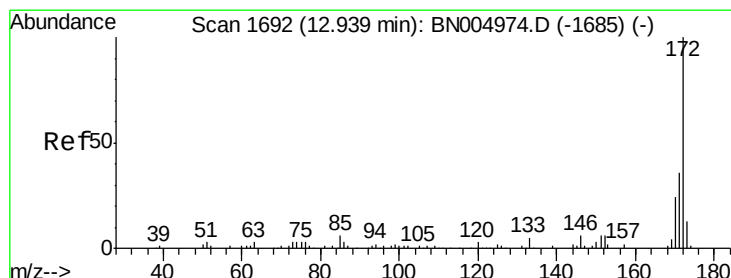
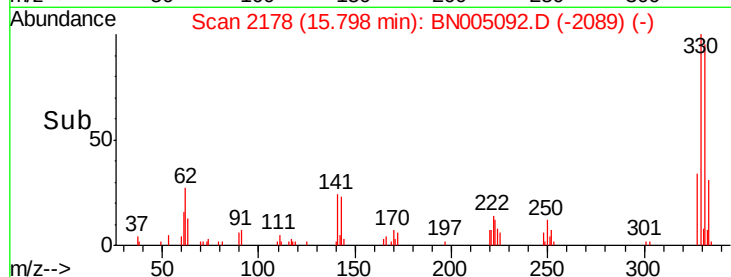
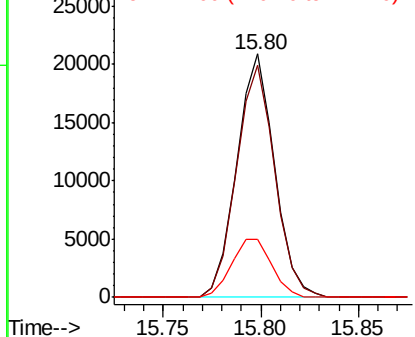
#42
 2,4,6-Tribromophenol
 Concen: 100.947 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Instrument :
 BNA_N
 ClientSampleId :
 033019-LIFT-E-U-S

Tot Ion:330 Resp: 27933
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 25.5 20.3 30.5

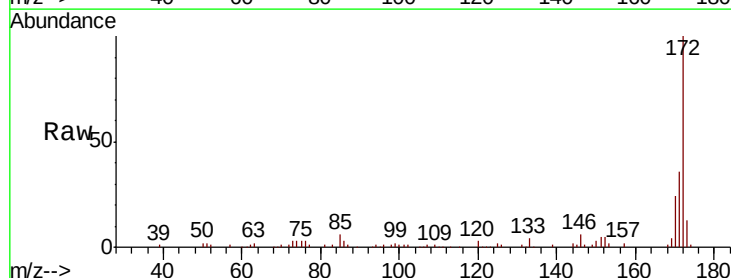


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

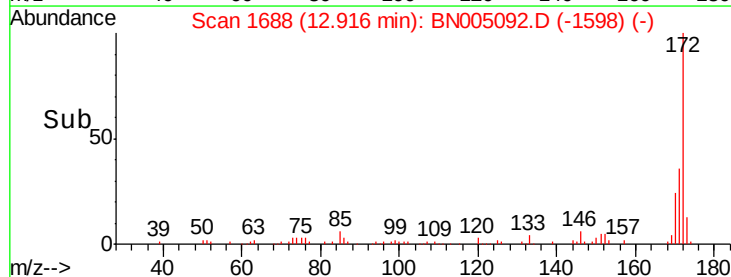
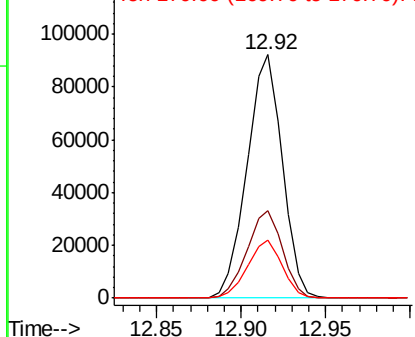


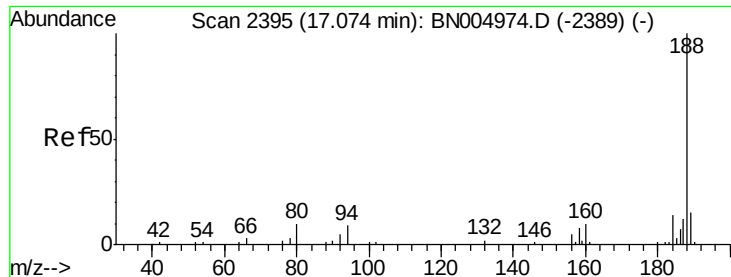
#45
 2-Fluorobiphenyl
 Concen: 103.528 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Tgt Ion:172 Resp: 134042
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 23.6 18.8 28.2



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: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

033019-LIFT-E-U-S

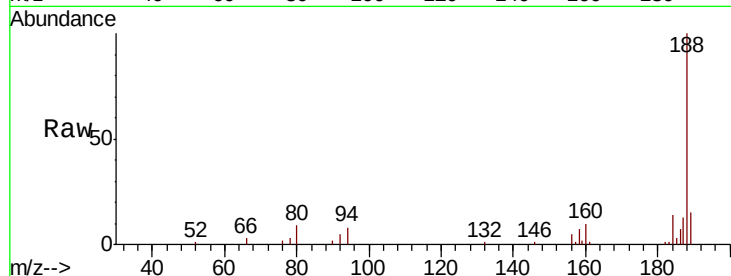
Tot Ion:188 Resp: 38020

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

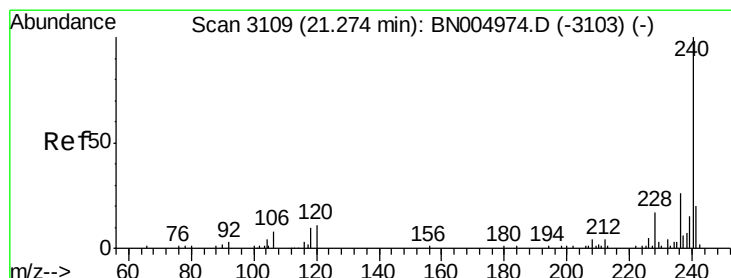
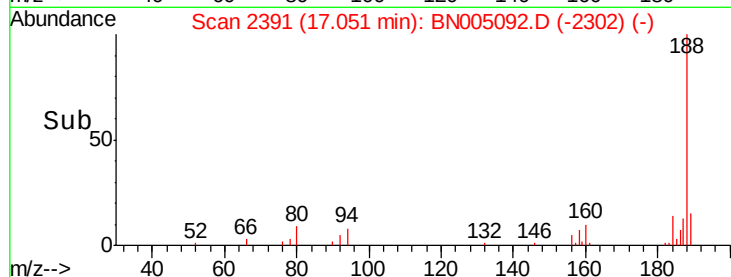
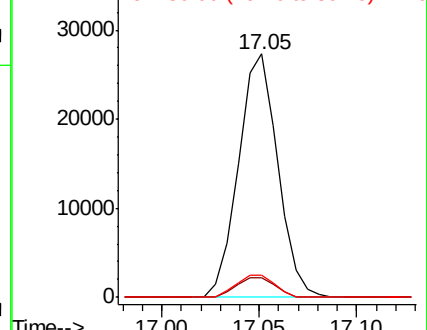
80 9.2 7.1 10.7



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

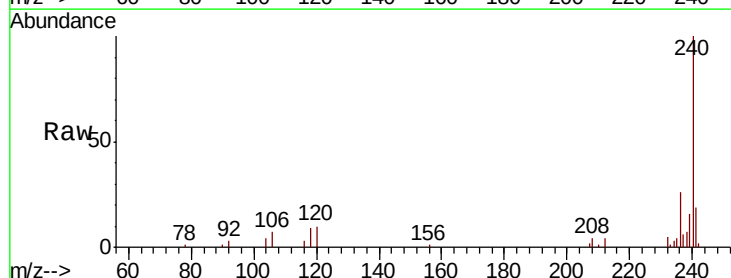
Tgt Ion:240 Resp: 37858

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

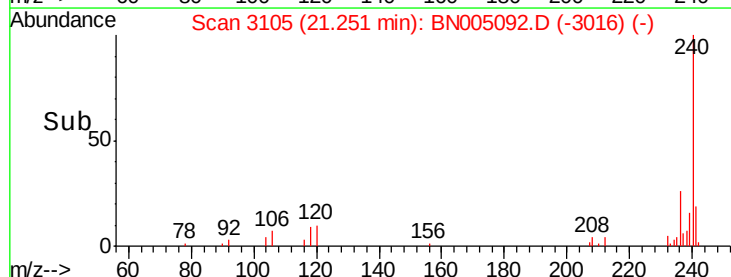
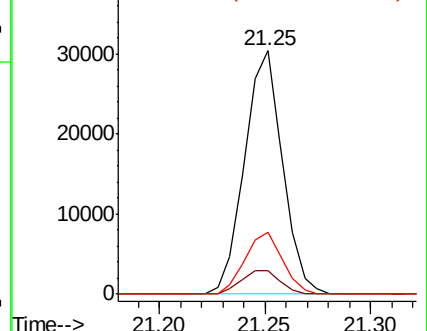
236 25.6 20.4 30.6

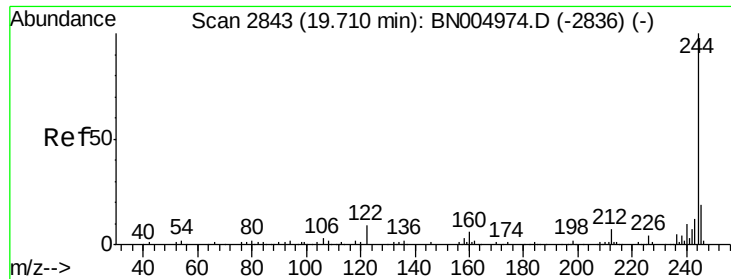


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.284 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Instrument :

BNA_N

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033019-LIFT-E-U-S

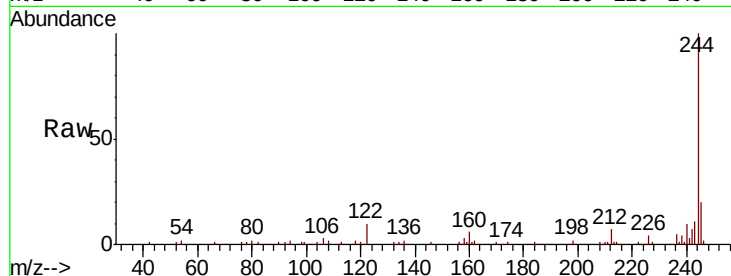
Tot Ion:244 Resp: 191300

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

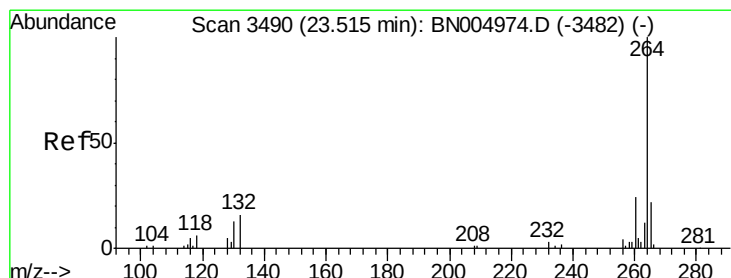
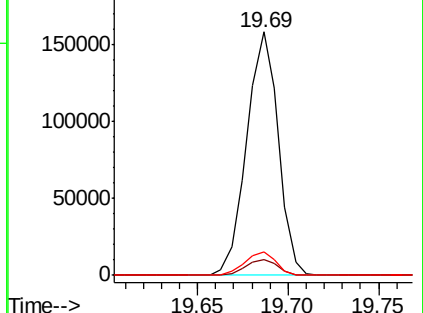
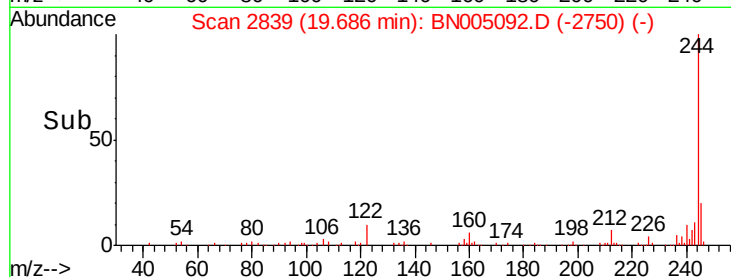
122 9.6 7.8 11.6



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: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

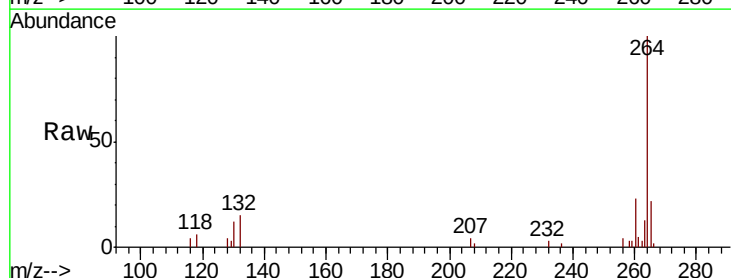
Tgt Ion:264 Resp: 38156

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.4 26.2



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

