

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005081.D
 Acq On : 04 Apr 2019 04:19
 Operator : JU/SJ
 Sample : K2213-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S10A(2-10)COMP

Quant Time: Apr 04 04:57:14 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	7.65	152	8600	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	34809	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20094	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	46025	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	50371	20.00	ng	-0.02
87) Perylene-d12	23.48	264	47888	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	69162	139.04	ng	-0.02
7) Phenol-d6	6.83	99	78736	119.34	ng	-0.02
23) Nitrobenzene-d5	8.82	82	57886	100.59	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	55686	171.83	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	163178	107.61	ng	-0.02
79) Terphenyl-d14	19.69	244	274806	105.03	ng	-0.02

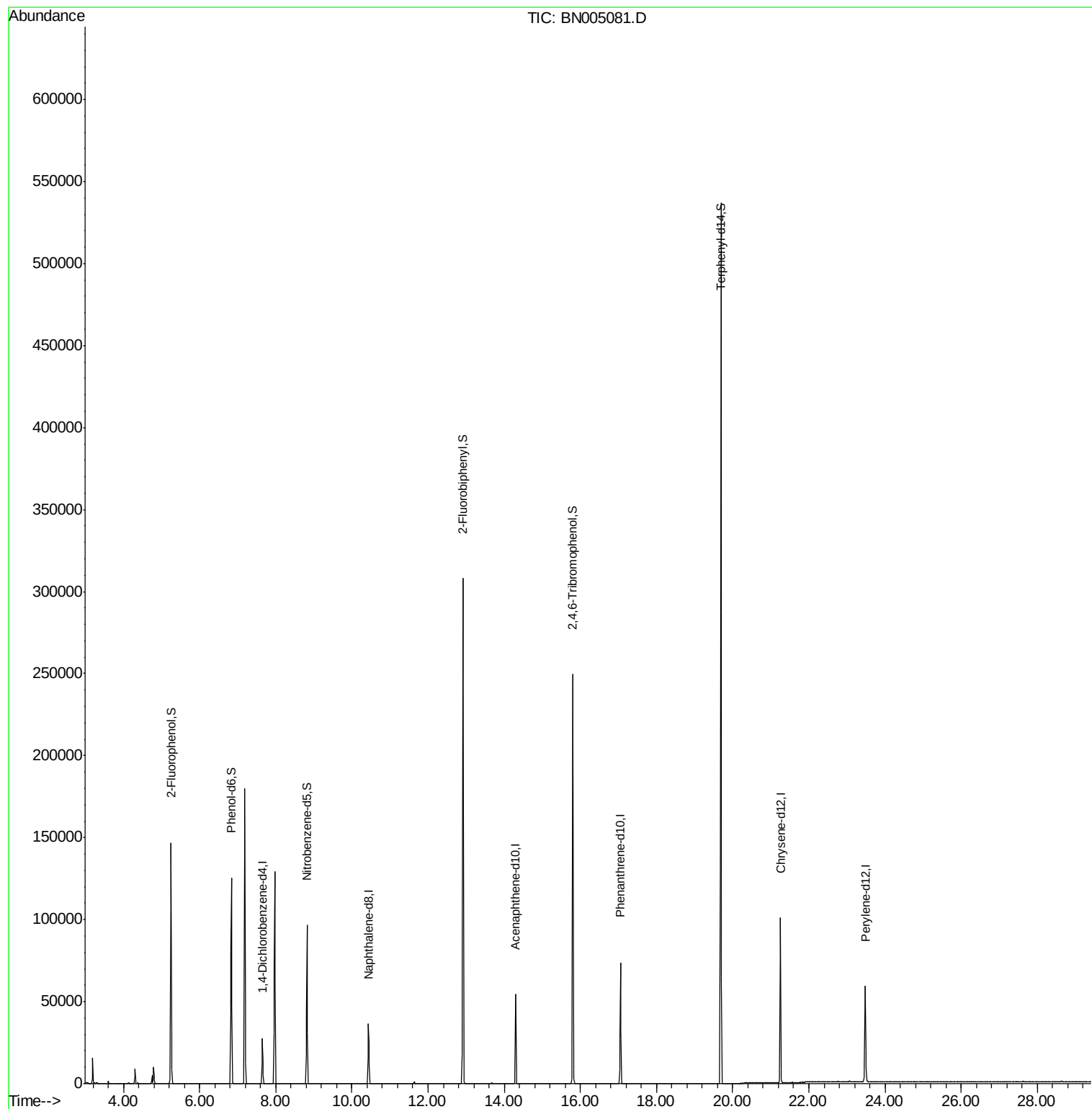
Target Compounds Qvalue

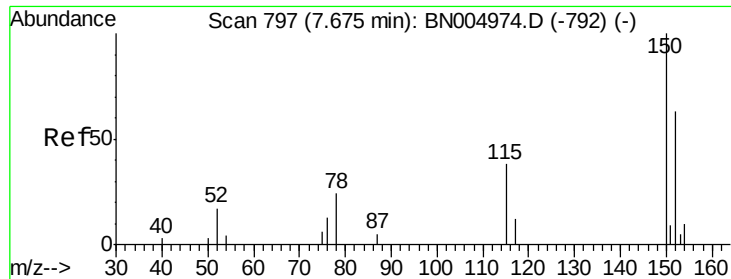
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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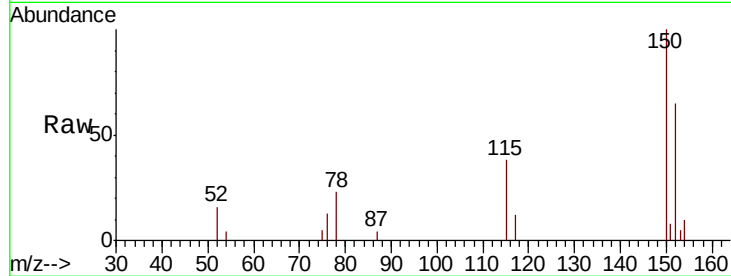


#1

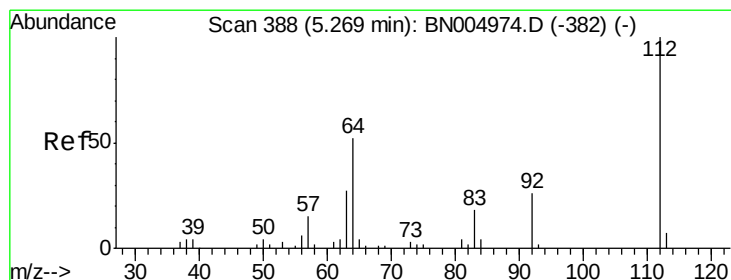
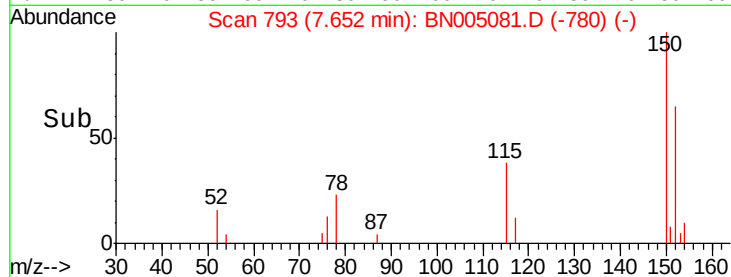
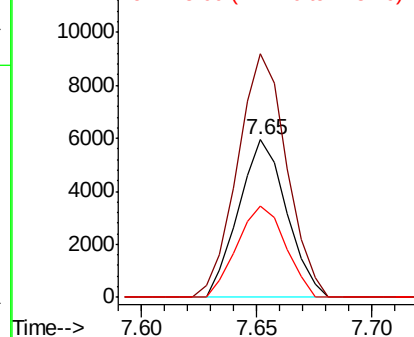
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005081.D
Acq: 04 Apr 2019 04:19

Instrument :
BNA_N
ClientSampleId :
S10A(2-10)COMP

Tot Ion:152 Resp: 8600
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 58.1 47.8 71.6



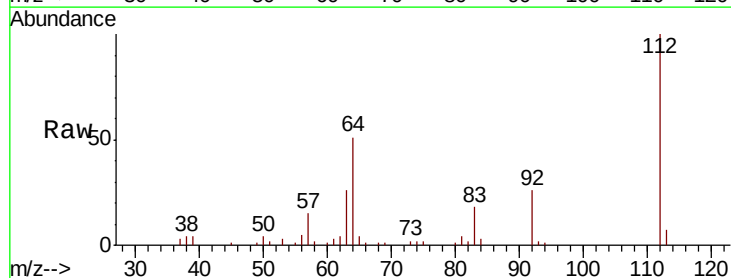
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



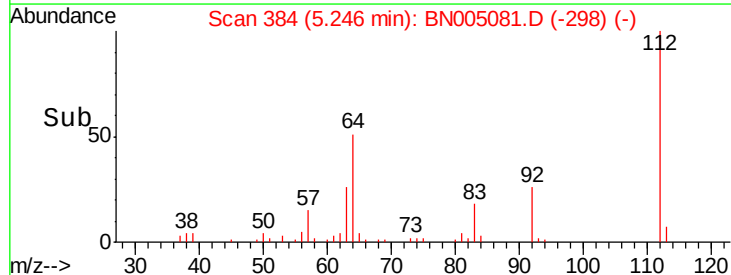
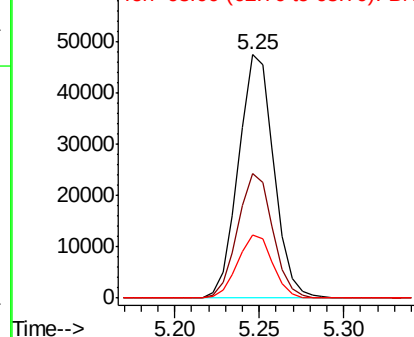
#5

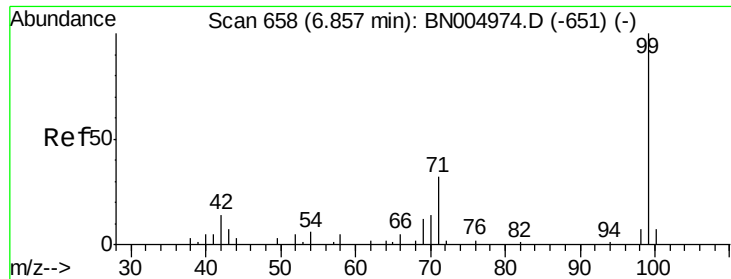
2-Fluorophenol
Concen: 139.040 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005081.D
Acq: 04 Apr 2019 04:19

Tgt Ion:112 Resp: 69162
Ion Ratio Lower Upper
112 100
64 51.4 41.9 62.9
63 25.9 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: 119.341 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005081.D

Acq: 04 Apr 2019 04:19

Instrument :

BNA_N

ClientSampleId :

S10A(2-10)COMP

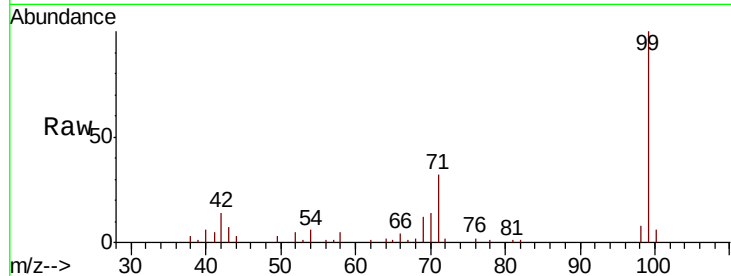
Tot Ion: 99 Resp: 78736

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

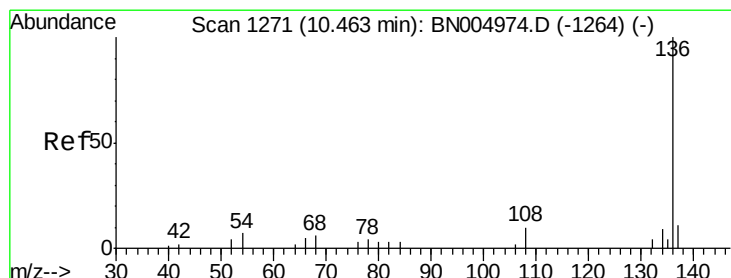
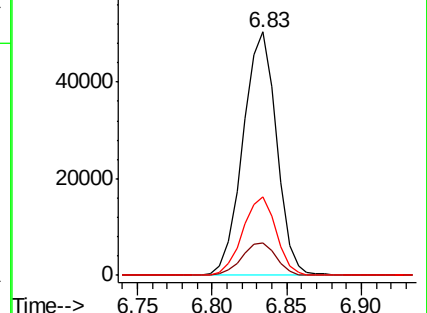
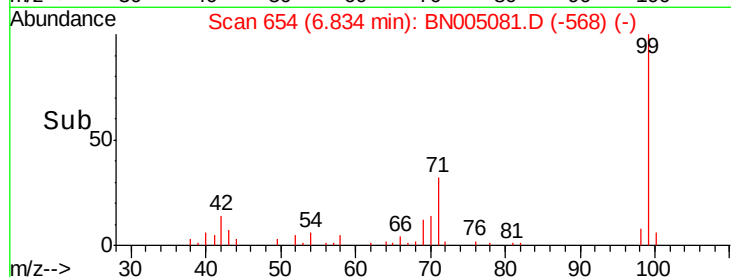
71 32.0 25.8 38.8



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005081.D

Acq: 04 Apr 2019 04:19

Tgt Ion: 136 Resp: 34809

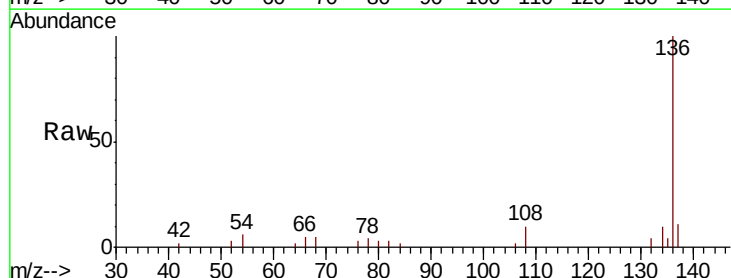
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.5 5.3 7.9

68 5.3 4.6 6.8

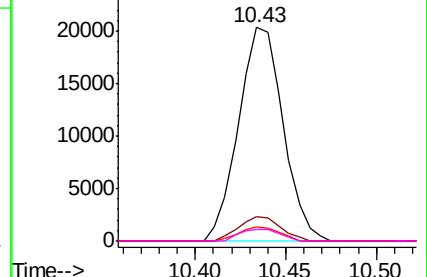
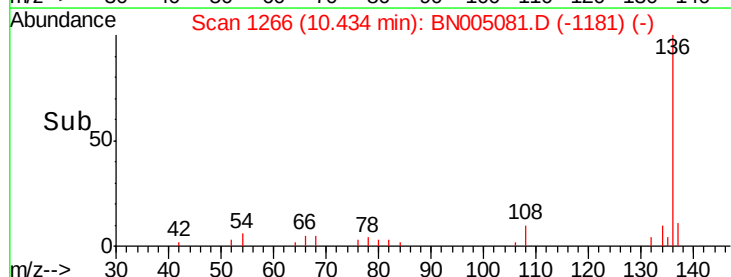


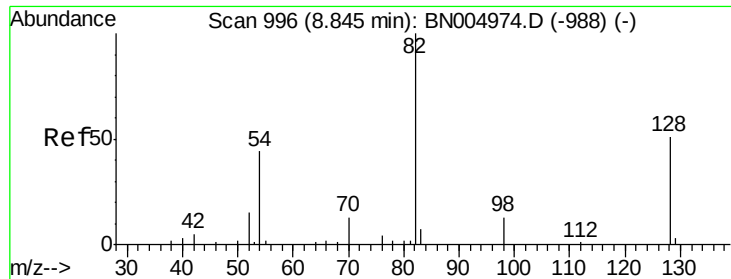
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

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: 100.595 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.03 min

Lab File: BN005081.D

Acq: 04 Apr 2019 04:19

Instrument :

BNA_N

ClientSampleId :

S10A(2-10)COMP

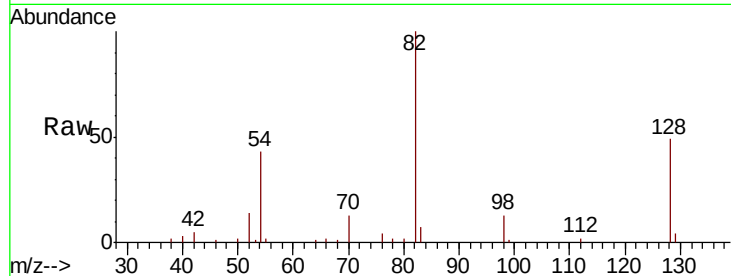
Tot Ion: 82 Resp: 57886

Ion Ratio Lower Upper

82 100

128 49.4 40.6 60.8

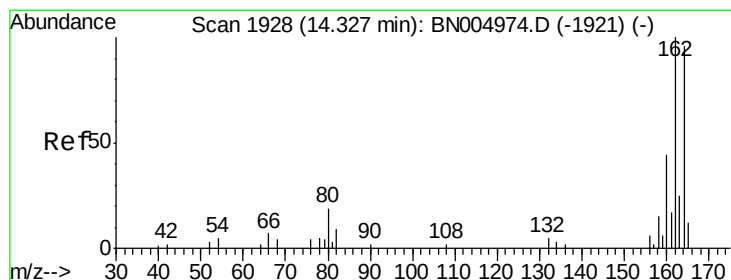
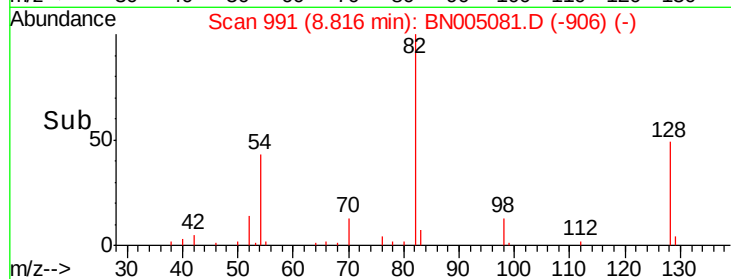
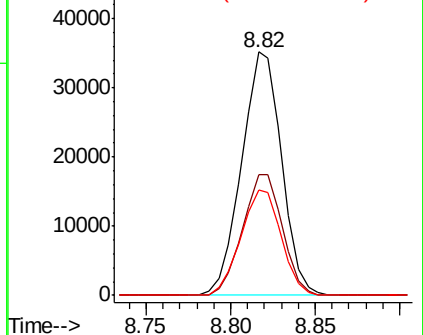
54 43.5 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-988) (-)

Ion 128.00 (127.70 to 128.70): BN004974.D (-988) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-988) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005081.D

Acq: 04 Apr 2019 04:19

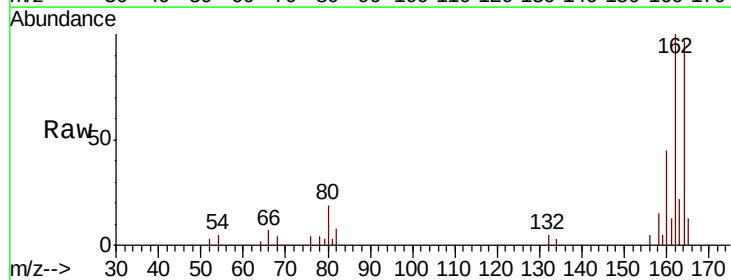
Tgt Ion: 164 Resp: 20094

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

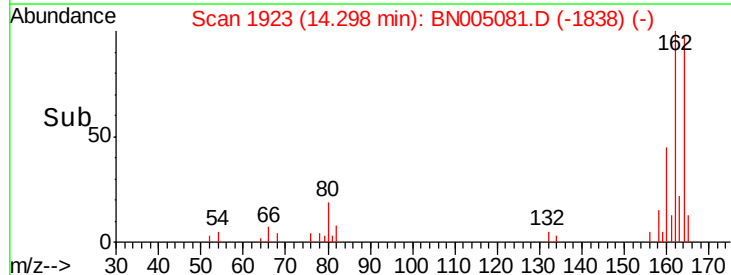
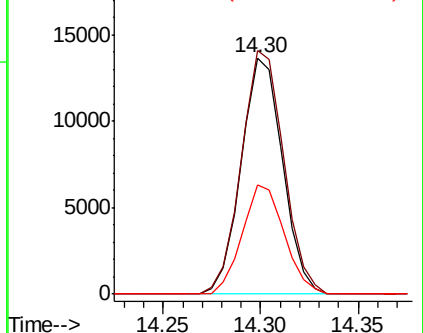
160 46.1 36.6 55.0

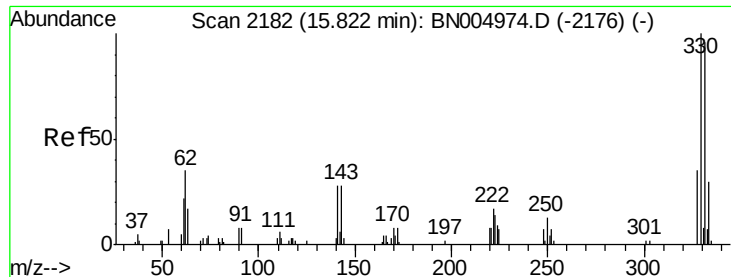


Abundance Ion 164.00 (163.70 to 164.70): BN004974.D (-1921) (-)

Ion 162.00 (161.70 to 162.70): BN004974.D (-1921) (-)

Ion 160.00 (159.70 to 160.70): BN004974.D (-1921) (-)





#42

2,4,6-Tribromophenol

Concen: 171.829 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005081.D

Acq: 04 Apr 2019 04:19

Instrument :

BNA_N

ClientSampleId :

S10A(2-10)COMP

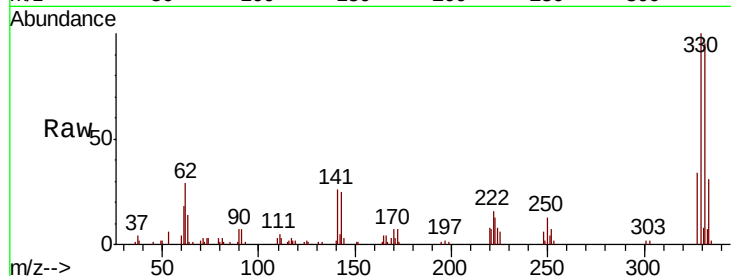
Tot Ion:330 Resp: 55686

Ion Ratio Lower Upper

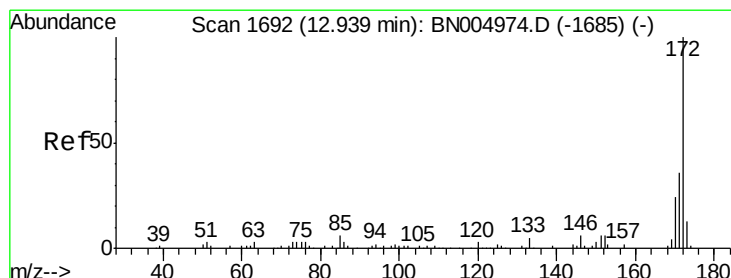
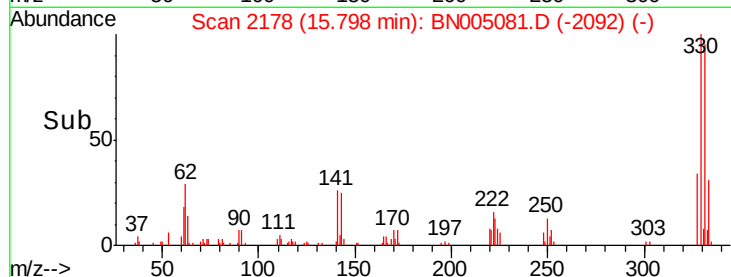
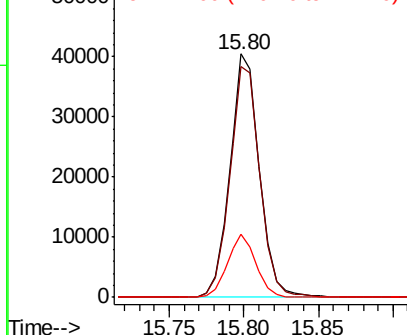
330 100

332 96.5 77.4 116.0

141 24.9 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: 107.610 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN005081.D

Acq: 04 Apr 2019 04:19

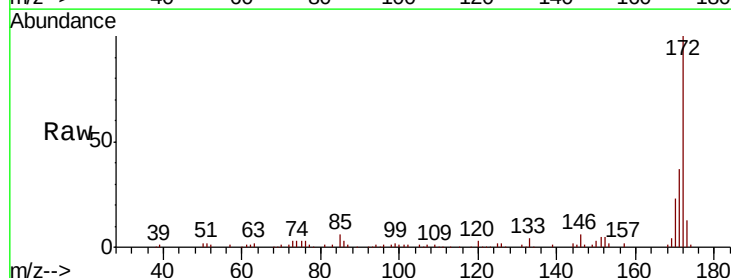
Tgt Ion:172 Resp: 163178

Ion Ratio Lower Upper

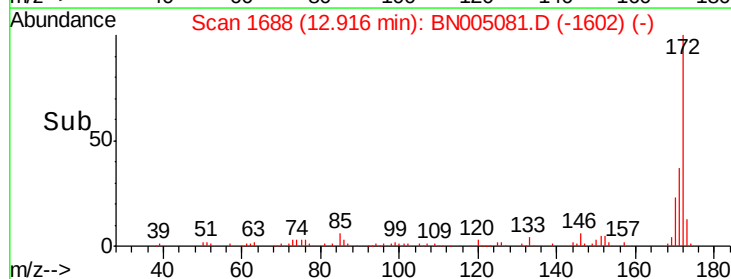
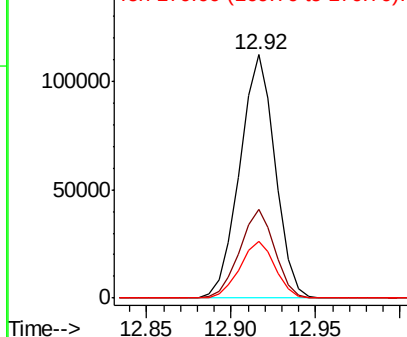
172 100

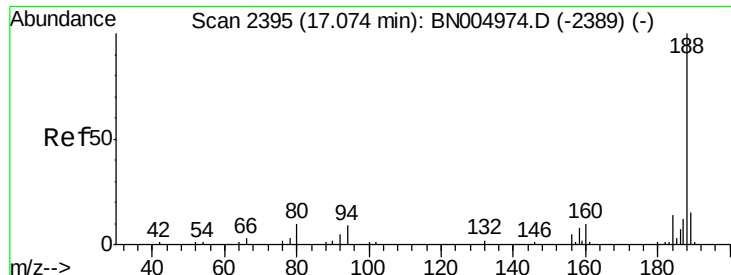
171 36.6 28.6 42.8

170 23.5 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

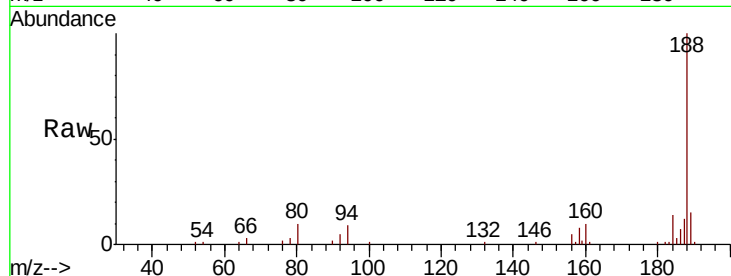




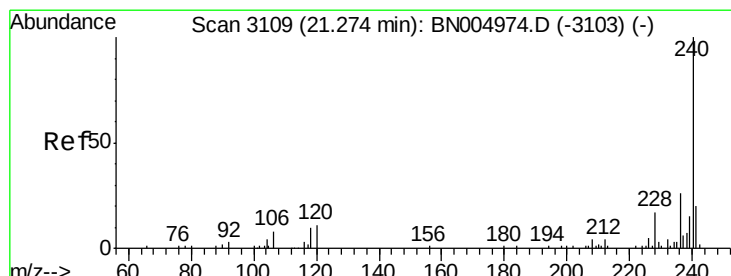
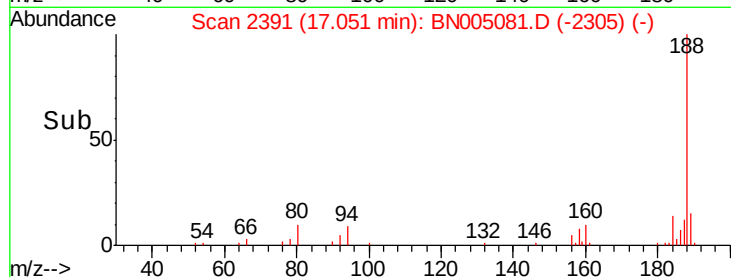
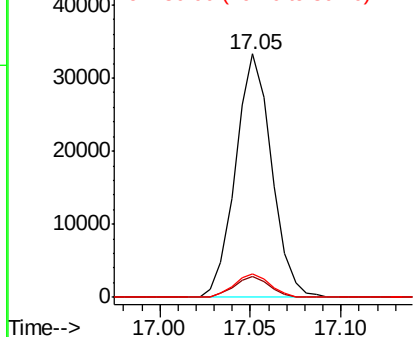
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN005081.D
Acq: 04 Apr 2019 04:19

Instrument :
BNA_N
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S10A(2-10)COMP

Tot Ion:188 Resp: 46025
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.7 7.8 11.6

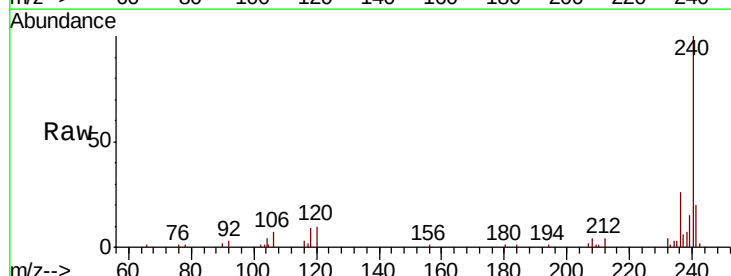


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

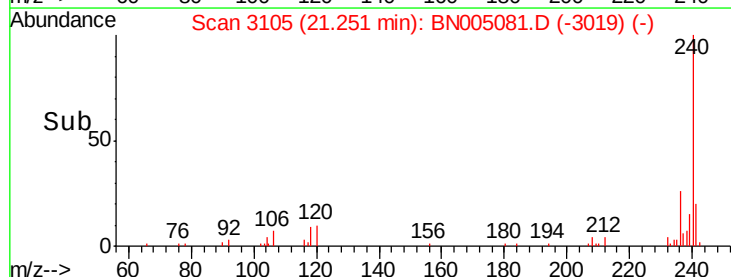
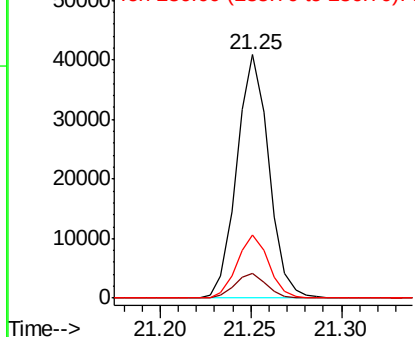


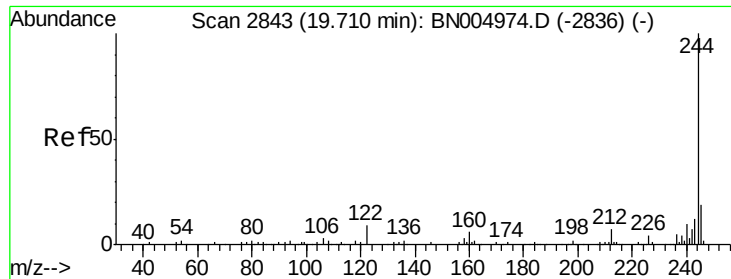
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005081.D
Acq: 04 Apr 2019 04:19

Tgt Ion:240 Resp: 50371
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.8 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

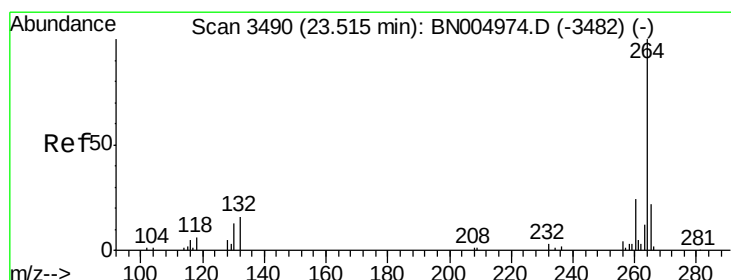
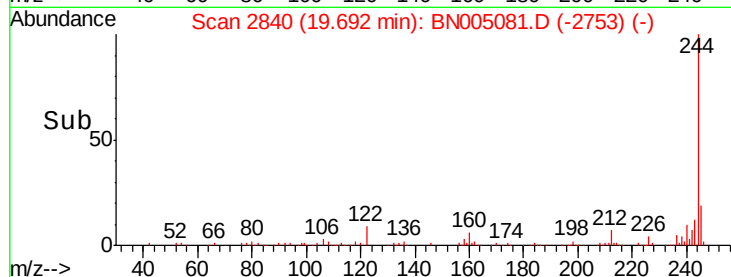
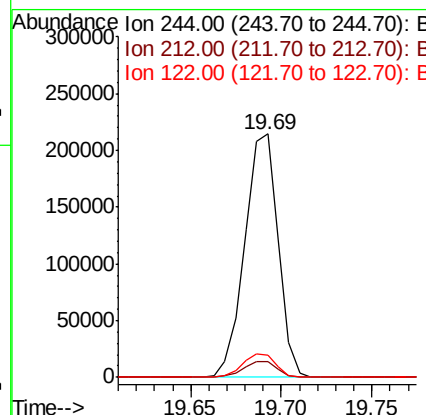
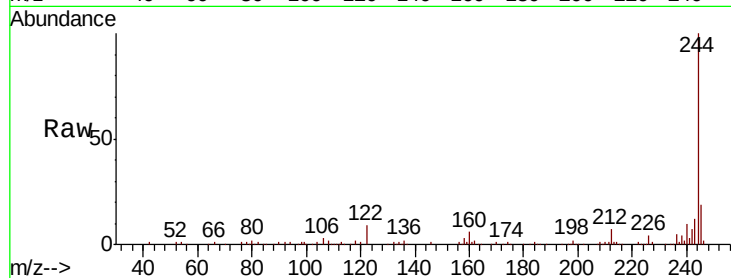




#79
 Terphenyl-d14
 Concen: 105.034 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BN005081.D
 Acq: 04 Apr 2019 04:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.1	7.4	11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.48 min Scan# 3484
 Delta R.T. -0.03 min
 Lab File: BN005081.D
 Acq: 04 Apr 2019 04:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.3	17.2	25.8

