

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005133.D
 Acq On : 10 Apr 2019 18:18
 Operator : JU/SJ
 Sample : K2345-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 11 08:37:52 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

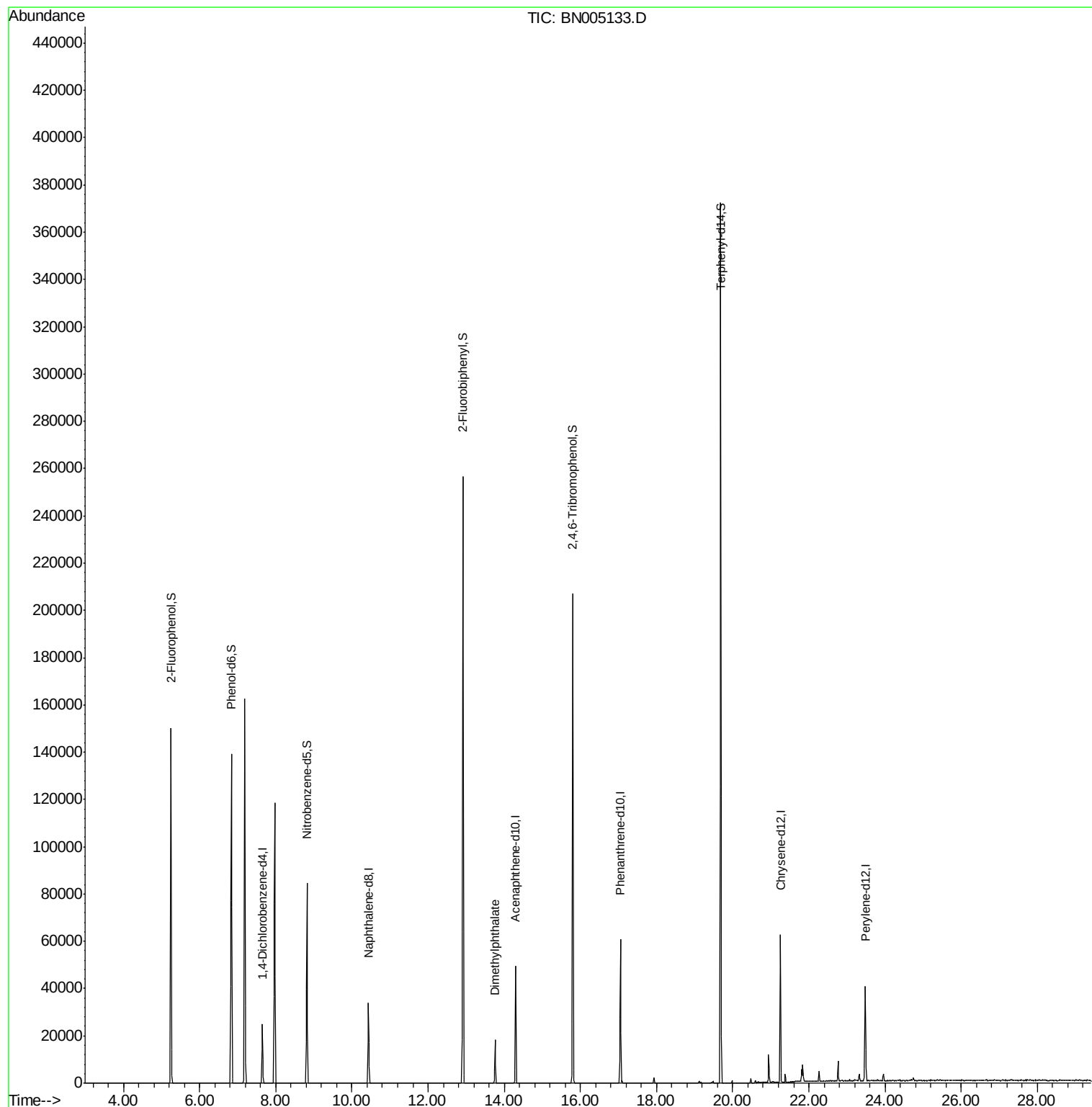
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7946	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31806	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	17853	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	37762	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	32557	20.00	ng	-0.02
87) Perylene-d12	23.48	264	32449	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	69703	151.66	ng	-0.02
7) Phenol-d6	6.83	99	90491	148.45	ng	-0.02
23) Nitrobenzene-d5	8.82	82	50549	96.14	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	48340	167.88	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	136152	101.06	ng	-0.02
79) Terphenyl-d14	19.69	244	184947	109.37	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.76	163	14183	9.670	ng	Qvalue 99

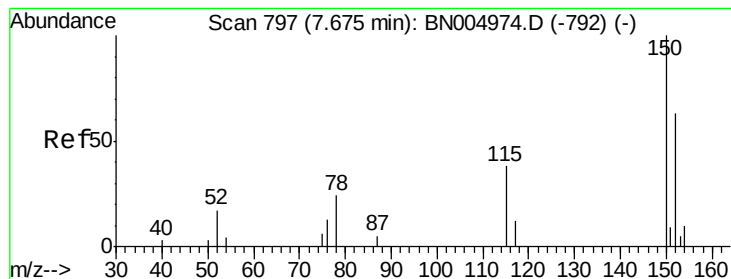
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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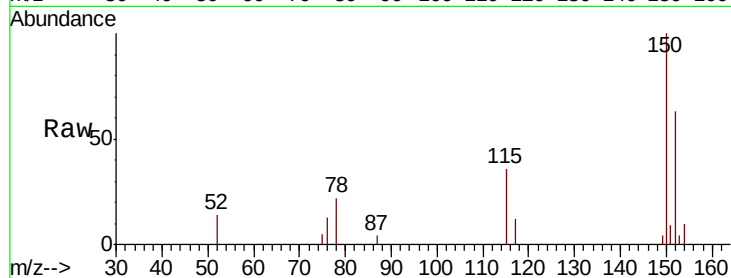


#1

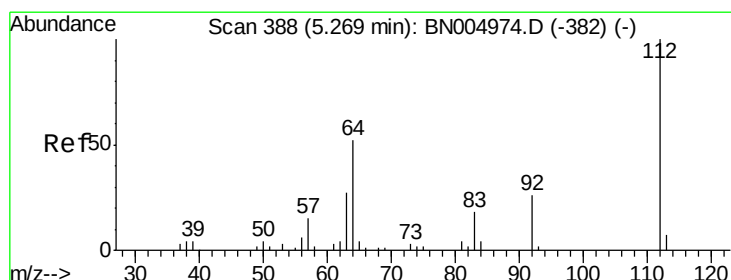
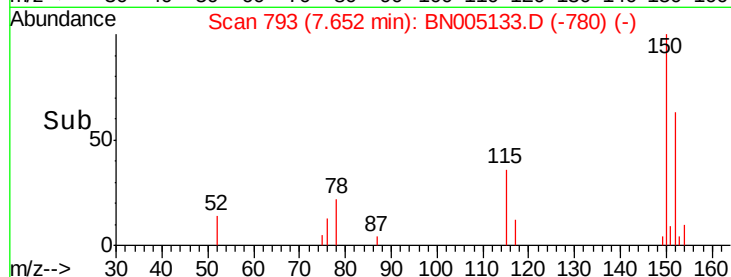
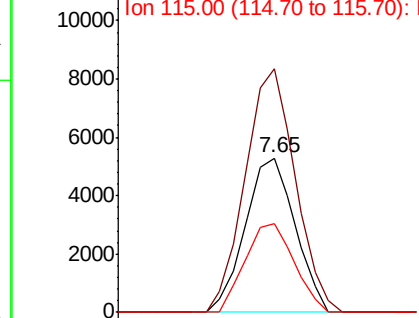
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Instrument :
BNA_N
ClientSampleId :
TP-4

Tot Ion:152 Resp: 7946
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 57.7 47.8 71.6



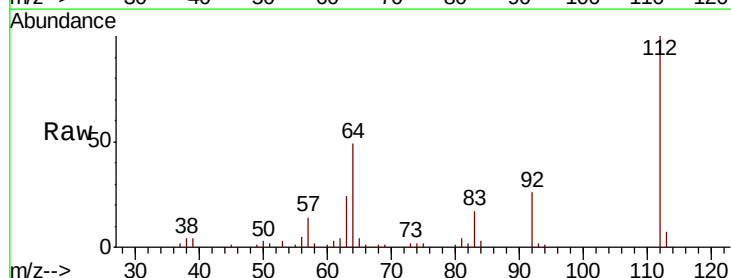
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



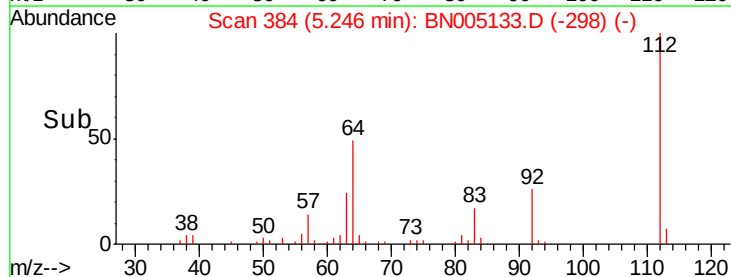
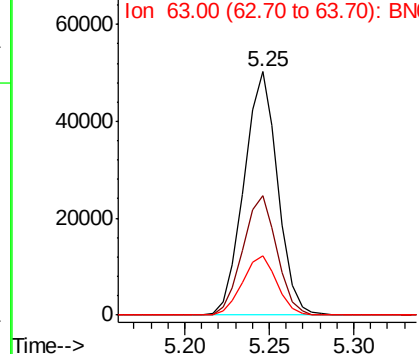
#5

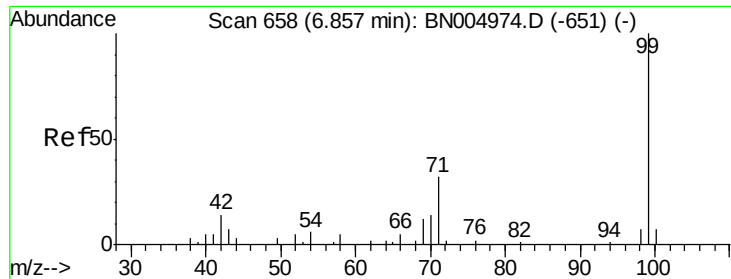
2-Fluorophenol
Concen: 151.660 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Tgt Ion:112 Resp: 69703
Ion Ratio Lower Upper
112 100
64 49.1 41.9 62.9
63 24.4 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: 148.447 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampleId :

TP-4

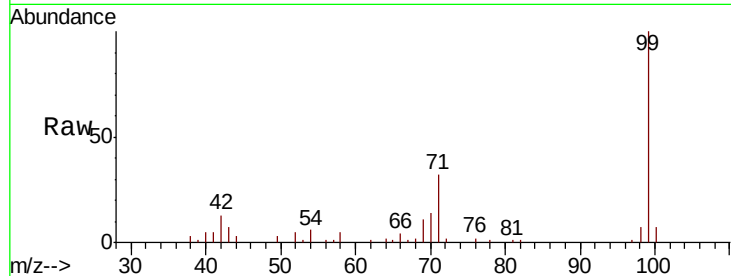
Tot Ion: 99 Resp: 90491

Ion Ratio Lower Upper

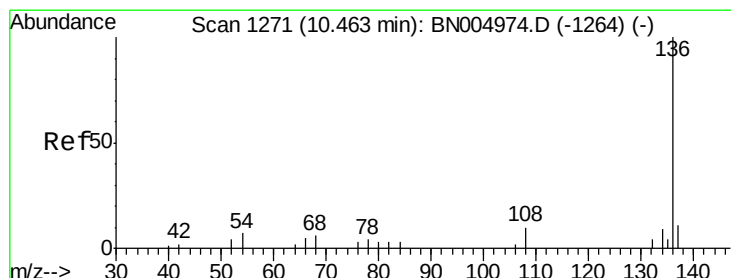
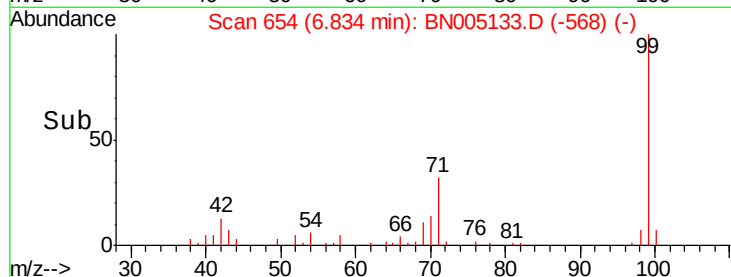
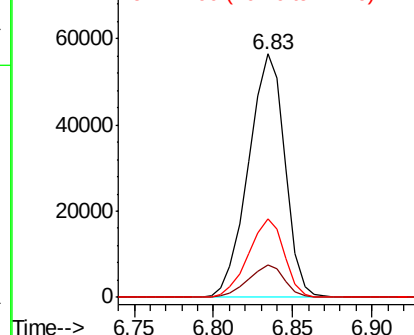
99 100

42 13.2 11.4 17.0

71 32.2 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Tgt Ion:136 Resp: 31806

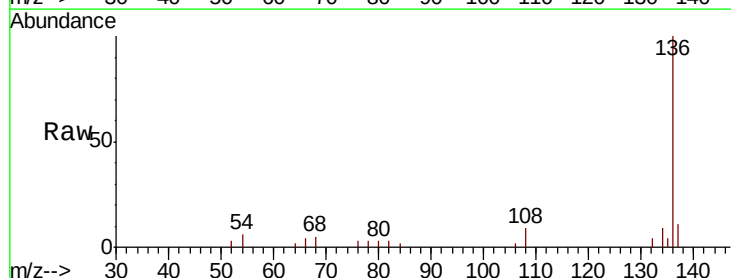
Ion Ratio Lower Upper

136 100

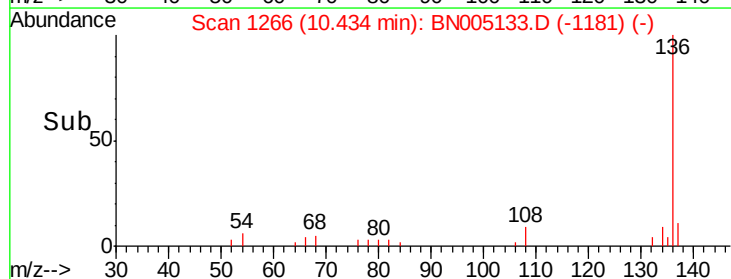
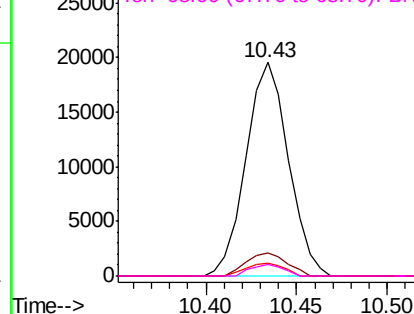
137 10.8 8.9 13.3

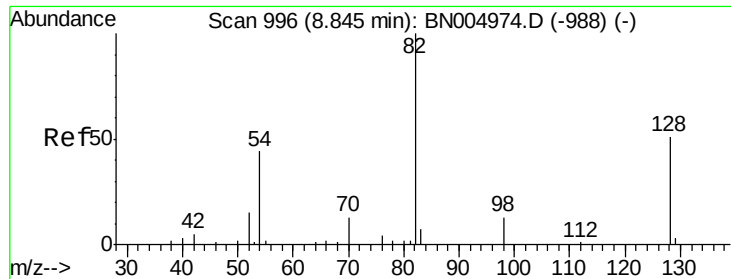
54 6.1 5.3 7.9

68 5.2 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

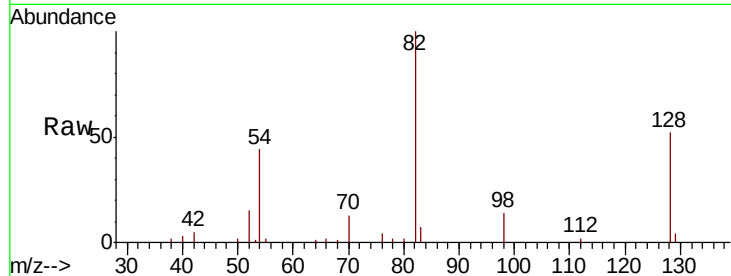




#23
 Nitrobenzene-d5
 Concen: 96.139 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BN005133.D
 Acq: 10 Apr 2019 18:18

Instrument :
 BNA_N
 ClientSampleId :
 TP-4

Tot Ion	82	Resp	50549
Ion Ratio	100	Lower	Upper
128	52.1	40.6	60.8
54	43.9	35.2	52.8

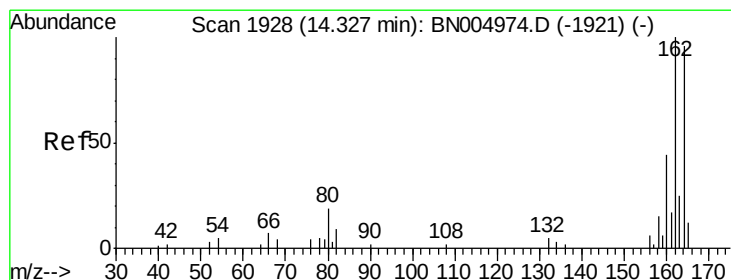
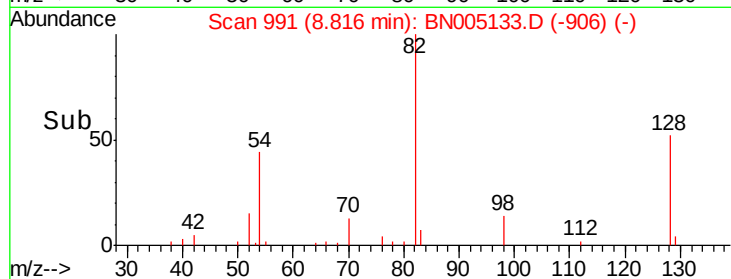
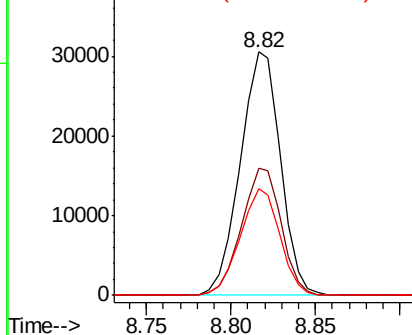


Abundance

Ion 82.00 (81.70 to 82.70): BN0

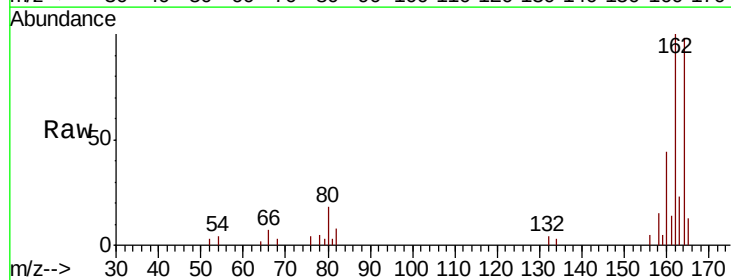
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005133.D
 Acq: 10 Apr 2019 18:18

Tgt Ion	164	Resp	17853
Ion Ratio	100	Lower	Upper
162	102.5	83.4	125.0
160	44.8	36.6	55.0

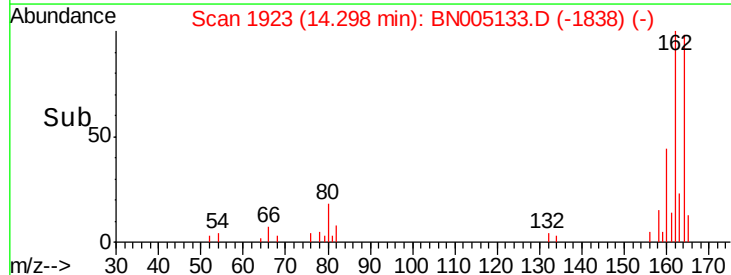
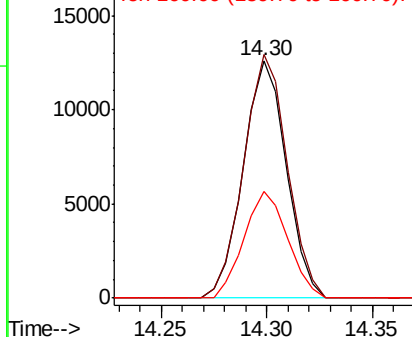


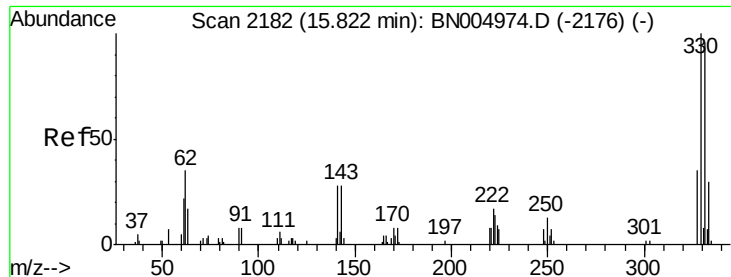
Abundance

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

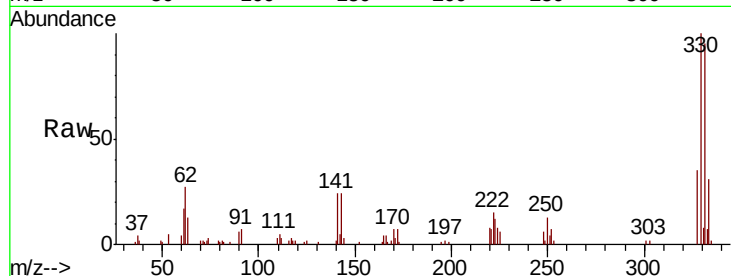




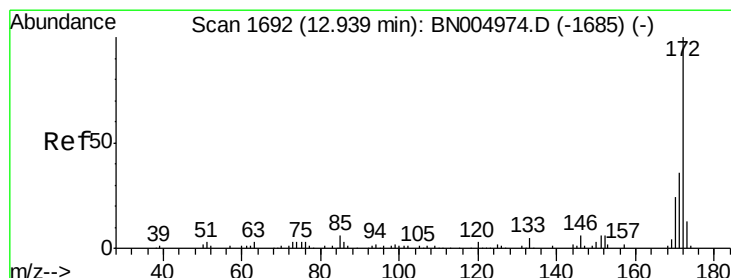
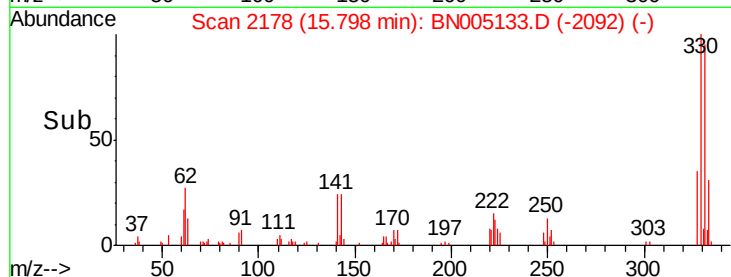
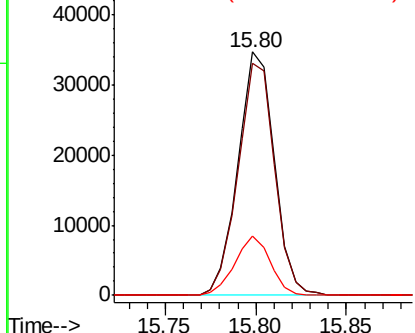
#42
 2,4,6-Tribromophenol
 Concen: 167.885 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005133.D
 Acq: 10 Apr 2019 18:18

Instrument :
 BNA_N
 ClientSampleId :
 TP-4

Tot Ion:330 Resp: 48340
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 23.7 22.1 33.1

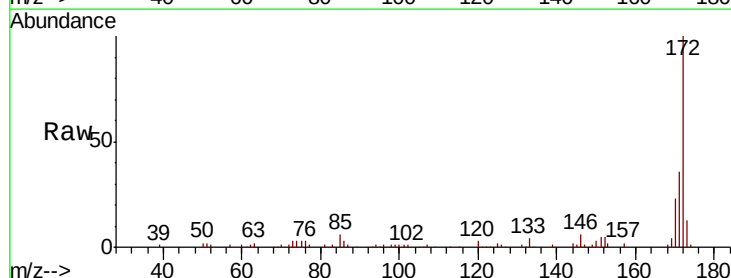


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

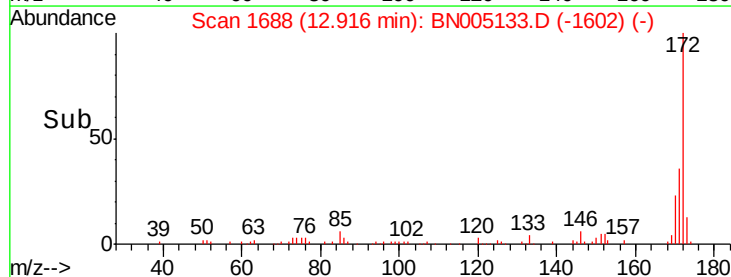
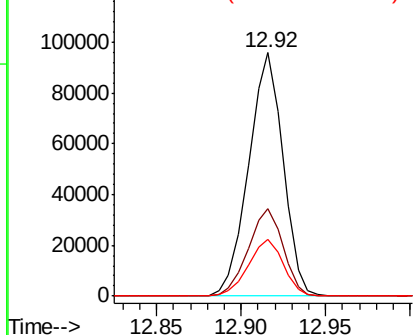


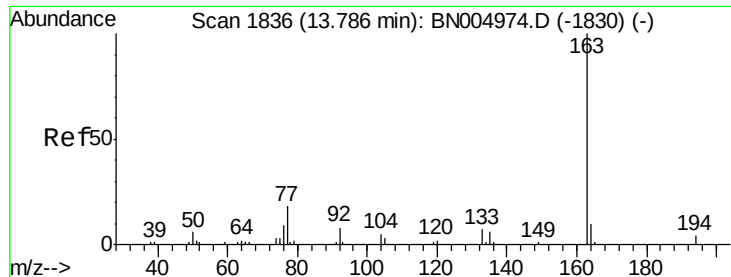
#45
 2-Fluorobiphenyl
 Concen: 101.058 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005133.D
 Acq: 10 Apr 2019 18:18

Tgt Ion:172 Resp: 136152
 Ion Ratio Lower Upper
 172 100
 171 36.2 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





#50

Dimethylphthalate

Concen: 9.670 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampled :

TP-4

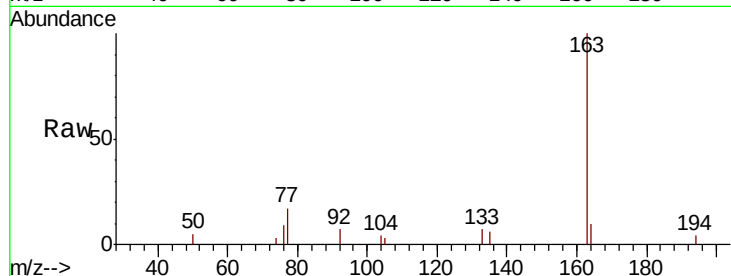
Tot Ion:163 Resp: 14183

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

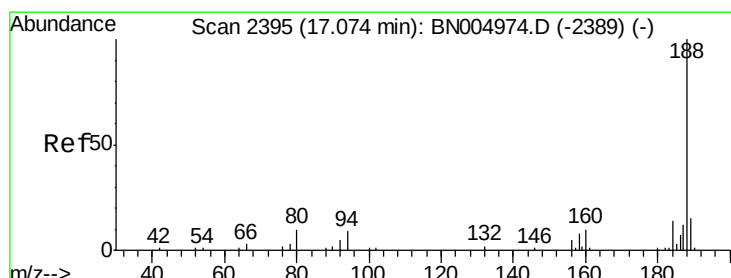
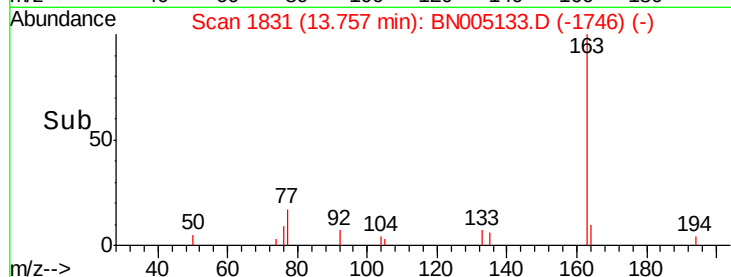
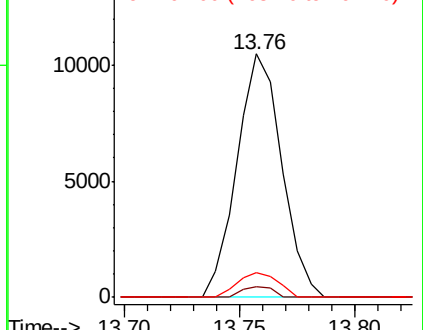
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

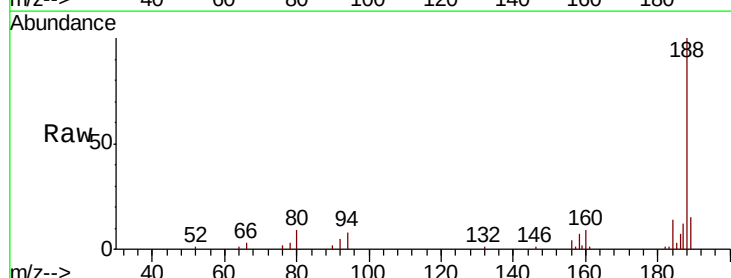
Tgt Ion:188 Resp: 37762

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

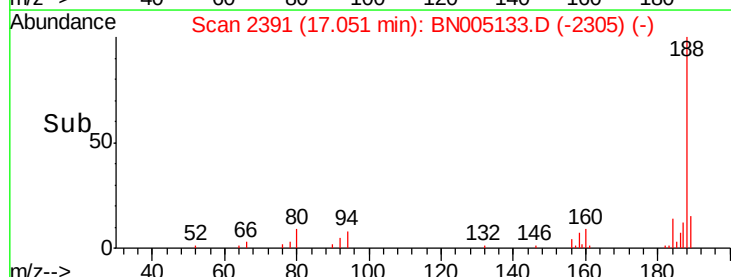
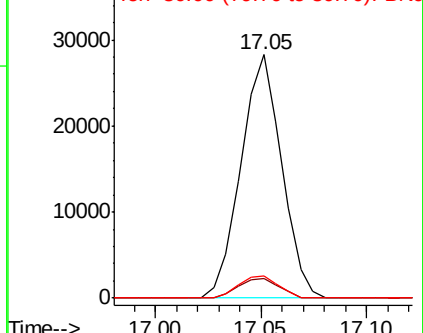
80 8.9 7.8 11.6

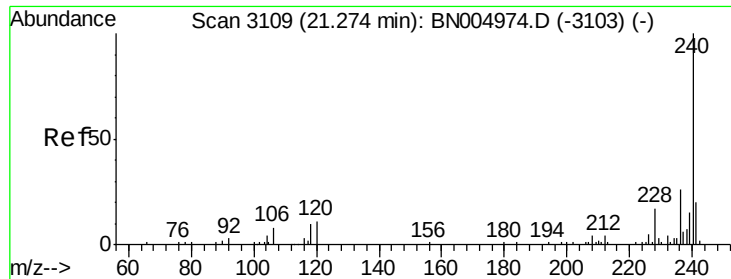


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampleId :

TP-4

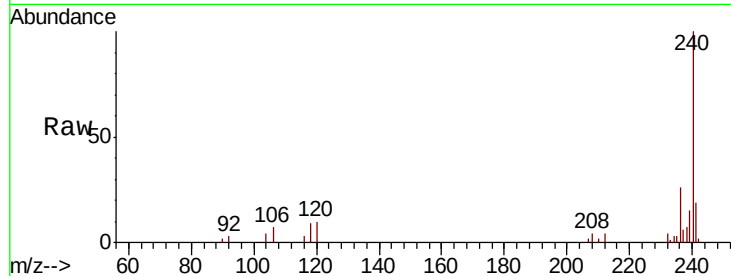
Tot Ion:240 Resp: 32557

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

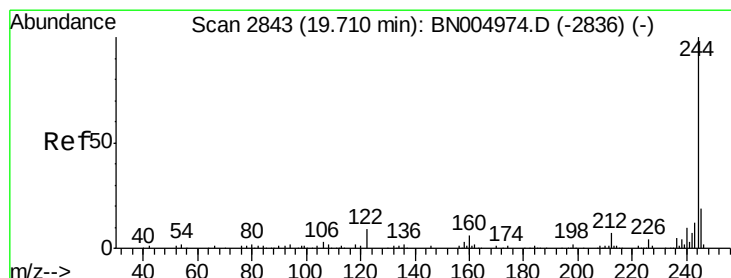
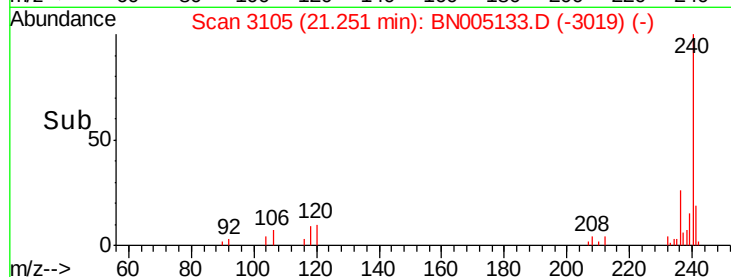
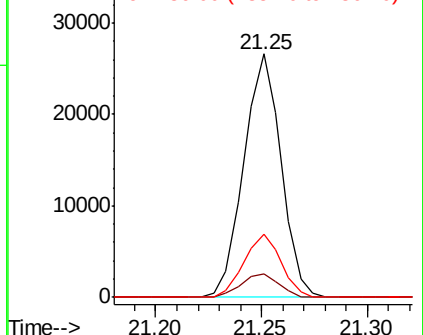
236 26.0 21.2 31.8



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: 109.368 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

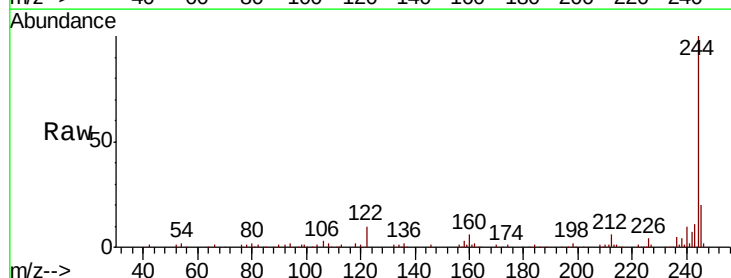
Tgt Ion:244 Resp: 184947

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

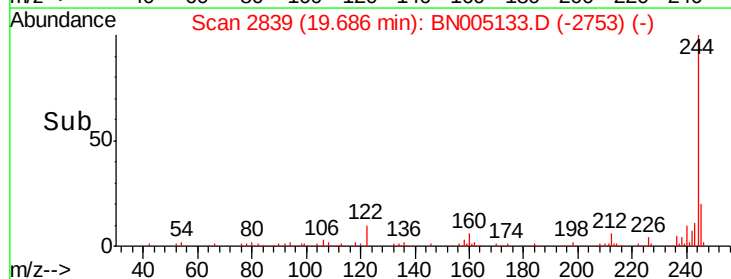
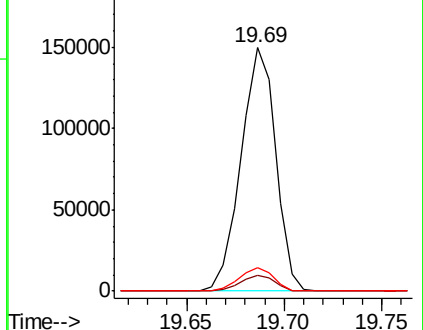
122 9.7 7.4 11.2

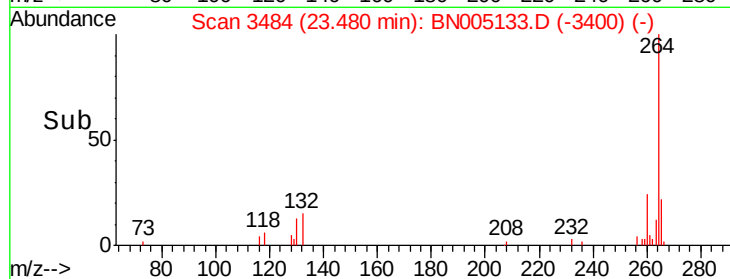
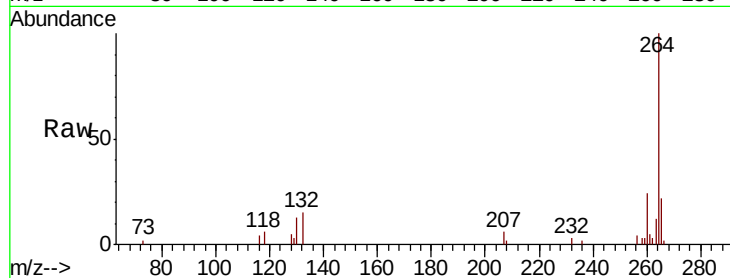
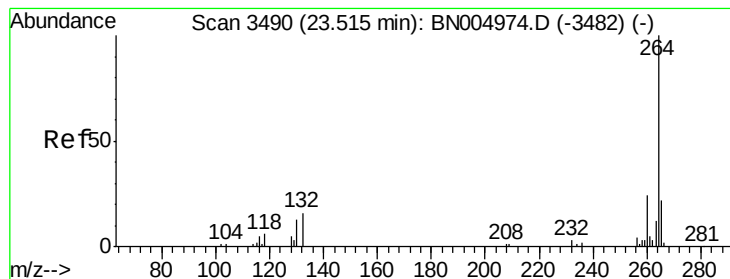


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. -0.03 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampleId :

TP-4

Tot Ion:264 Resp: 32449

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.3 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

