

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000119.D
 Acq On : 19 Feb 2018 20:29
 Operator : JU/SJ
 Sample : J1573-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB021318

Quant Time: Feb 20 06:57:50 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	398395	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	1910821	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1079484	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2555387	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2652248	20.00	ng	-0.02
86) Perylene-d12	24.37	264	1473279	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1738150	71.10	ng	-0.01
7) Phenol-d6	7.58	99	1459879	39.43	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3543183	110.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1751483	163.92	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8001636	104.47	ng	-0.02
78) Terphenyl-d14	20.35	244	11196601	113.99	ng	-0.02

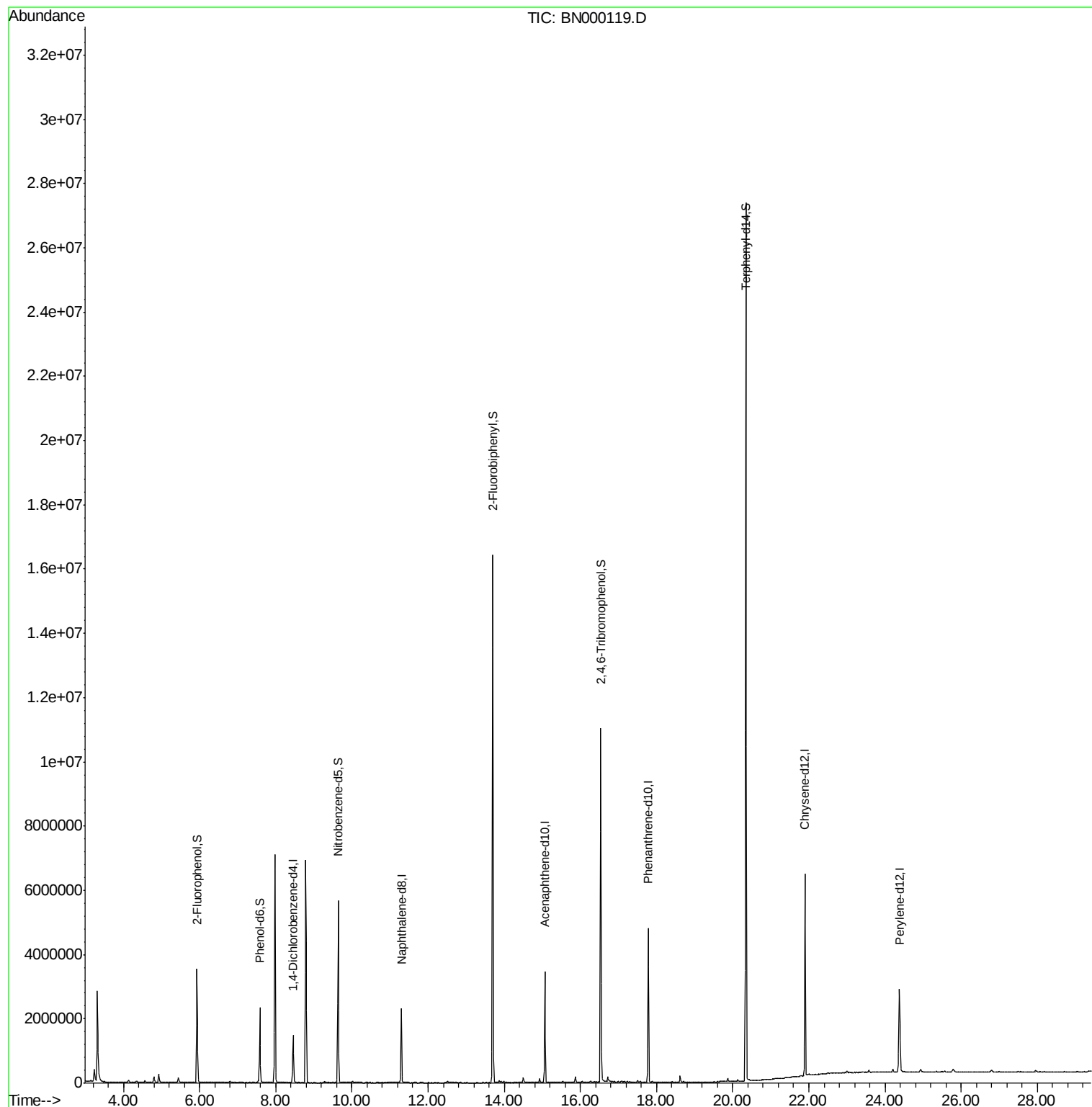
Target Compounds Qvalue

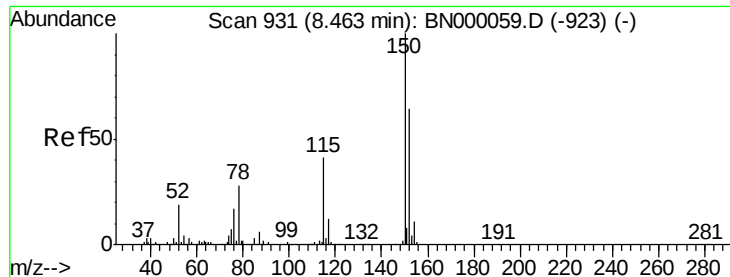
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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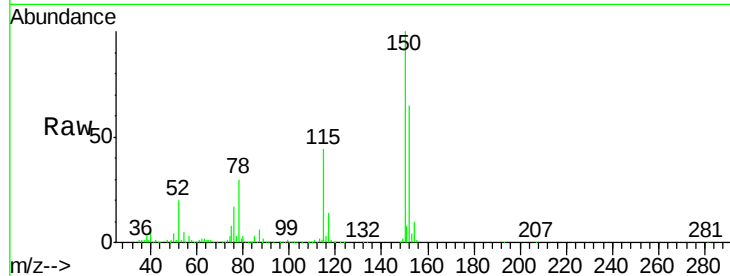


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Instrument :
BNA_N
ClientSampleId :
FB021318

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	66.8	53.0	79.4

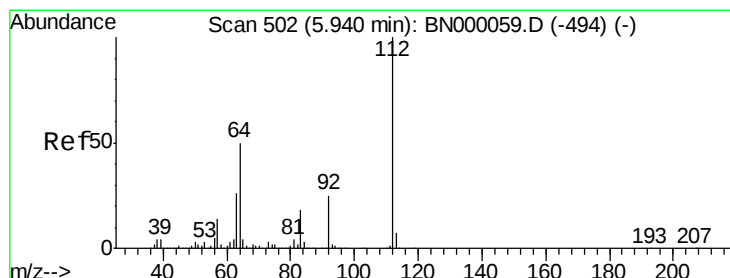
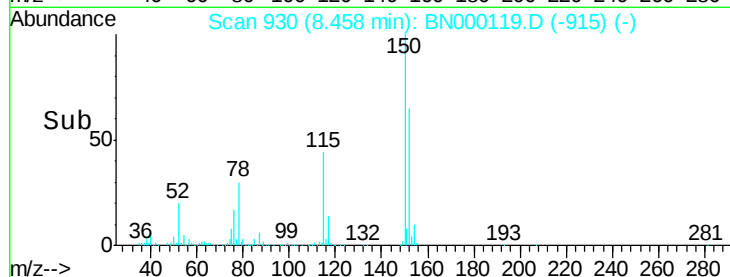
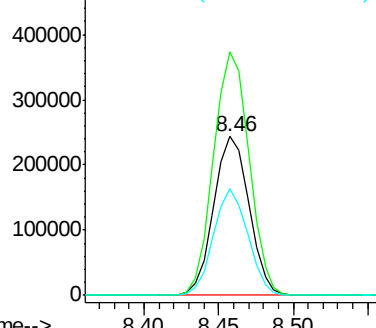


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

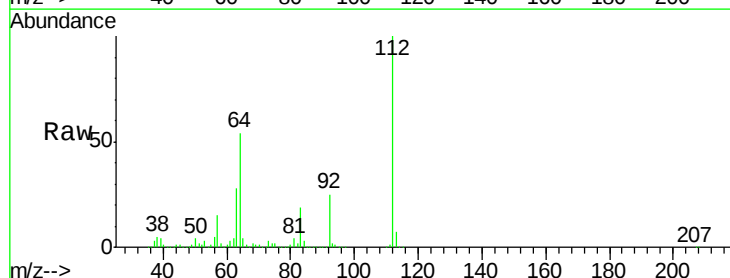
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.105 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	56.3	84.5#
63	27.5	30.1	45.1#

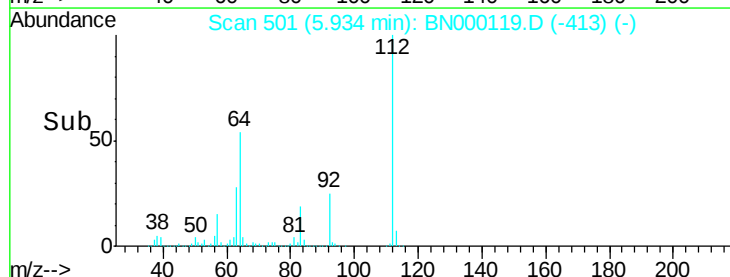
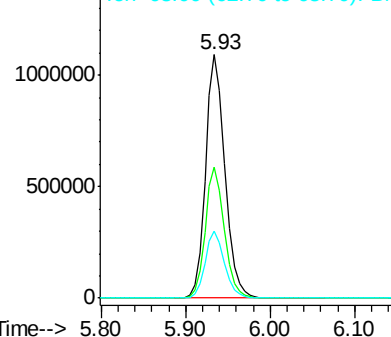


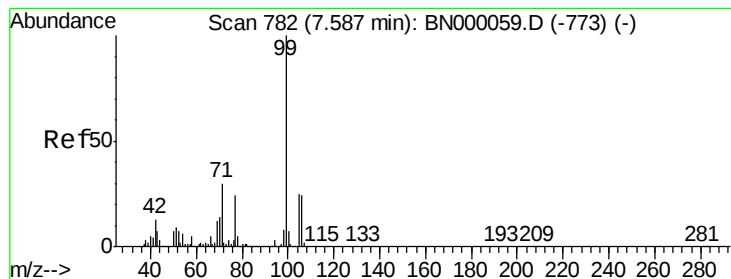
Abundance

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: 39.426 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

Instrument :

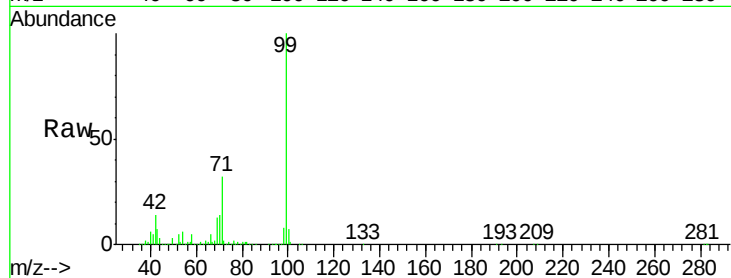
BNA_N

ClientSampleId :

FB021318

Tot Ion: 99 Resp: 1459879

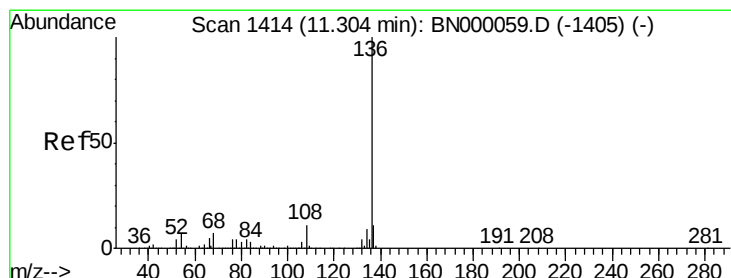
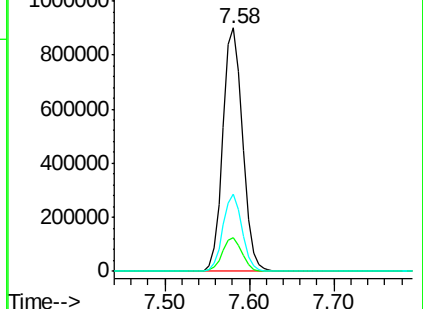
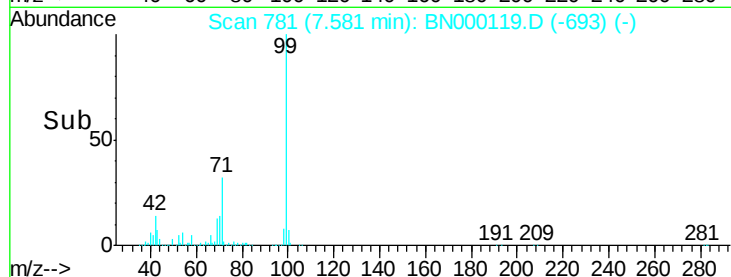
Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	31.7	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000119.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BN000119.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BN000119.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

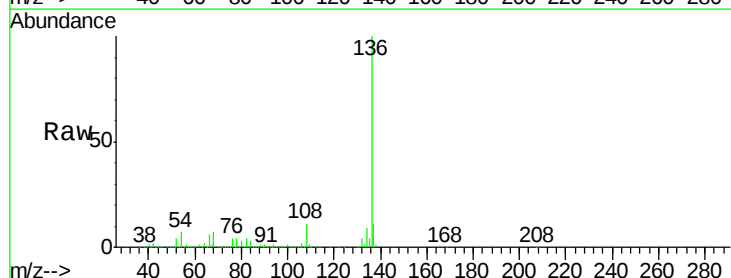
Delta R.T. -0.01 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

Tgt Ion: 136 Resp: 1910821

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.2	10.3	15.5#
68	6.7	4.5	6.7

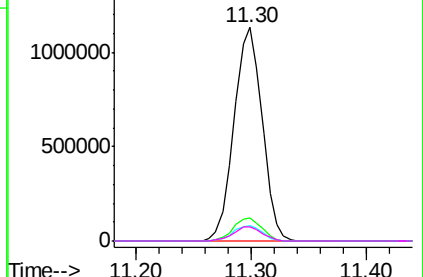
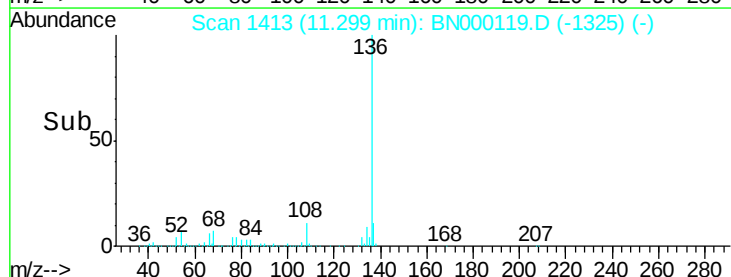


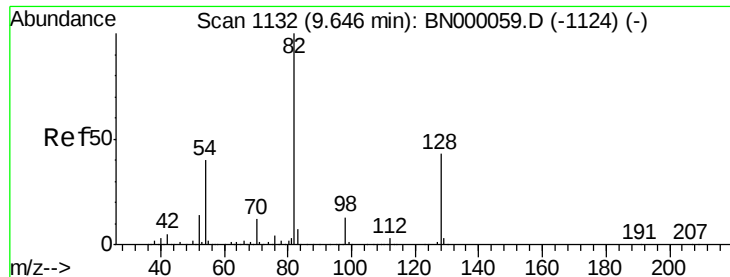
Abundance Ion 136.00 (135.70 to 136.70): BN000119.D (-1325) (-)

Ion 137.00 (136.70 to 137.70): BN000119.D (-1325) (-)

Ion 54.00 (53.70 to 54.70): BN000119.D (-1325) (-)

Ion 68.00 (67.70 to 68.70): BN000119.D (-1325) (-)

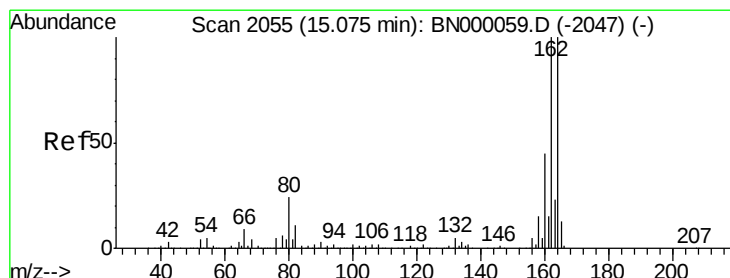
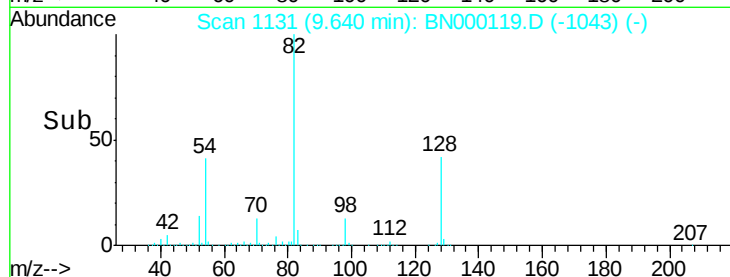
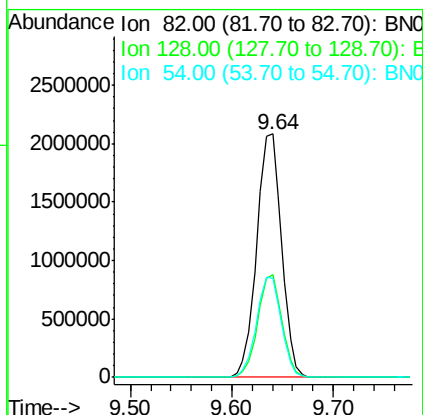
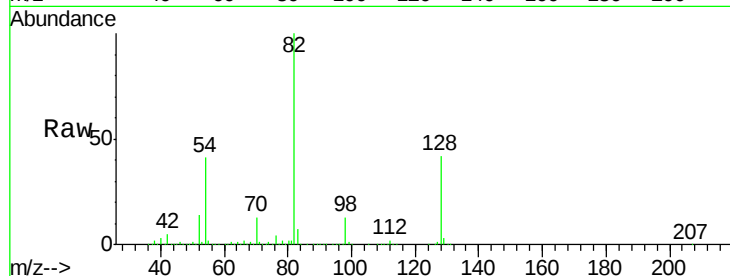




#23
 Nitrobenzene-d5
 Concen: 110.247 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

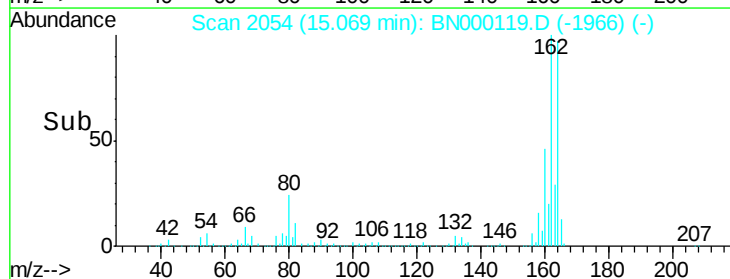
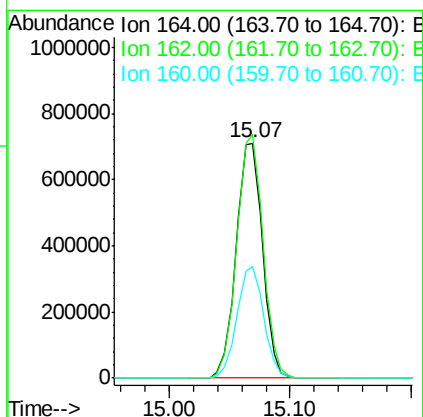
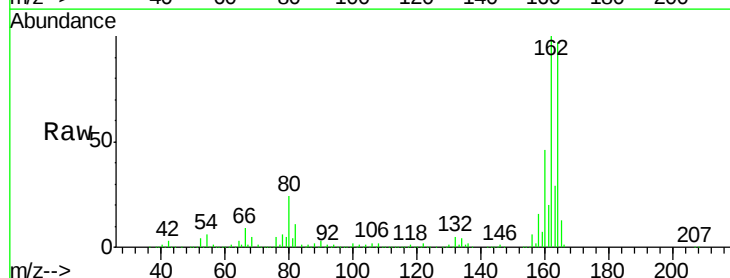
Instrument :
 BNA_N
 ClientSampled :
 FB021318

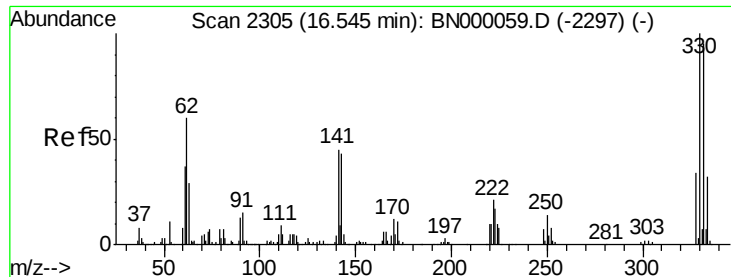
Tot Ion: 82 Resp: 3543183
 Ion Ratio Lower Upper
 82 100
 128 42.0 29.7 44.5
 54 40.7 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

Tgt Ion:164 Resp: 1079484
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 47.4 35.4 53.0

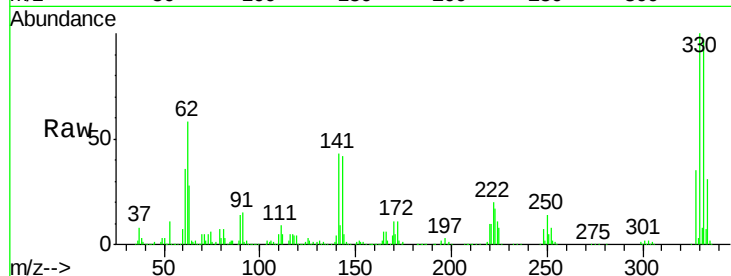




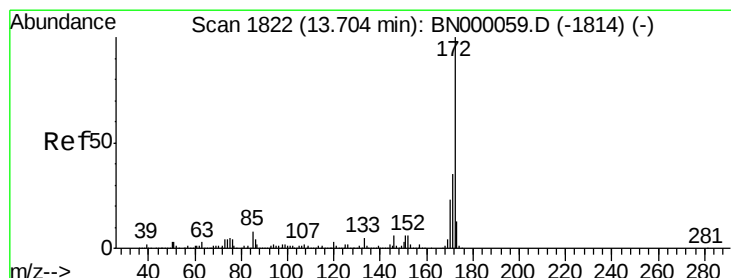
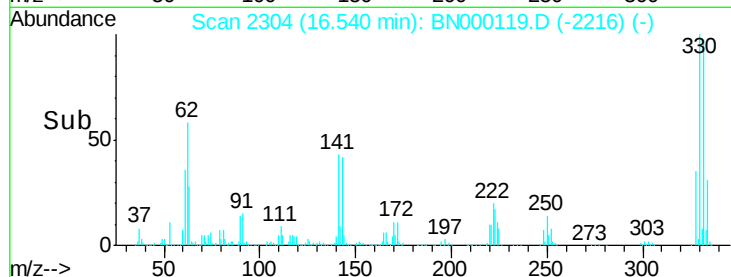
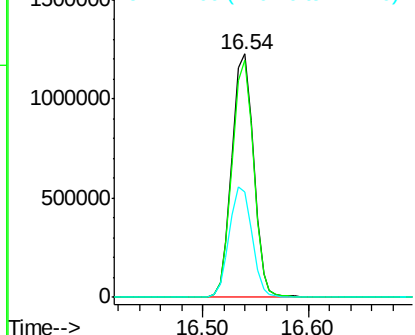
#41
 2,4,6-Tribromophenol
 Concen: 163.916 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

Instrument :
 BNA_N
 ClientSampleId :
 FB021318

Tot Ion:330 Resp: 1751483
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 47.5 25.2 37.8#

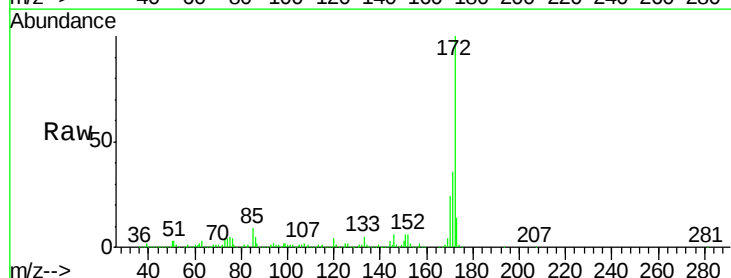


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

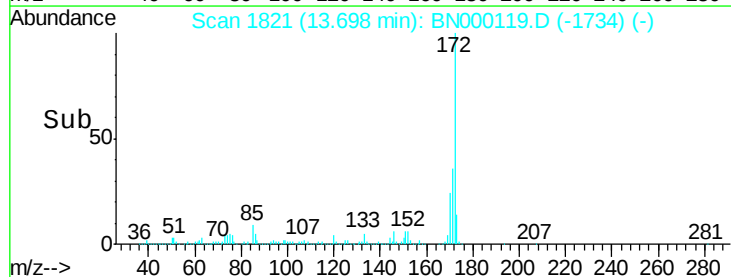
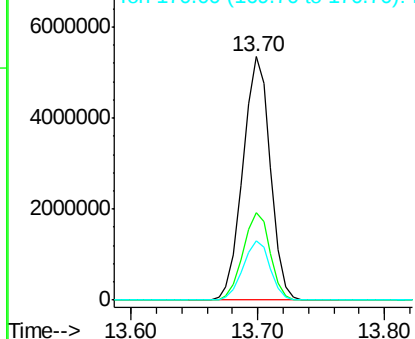


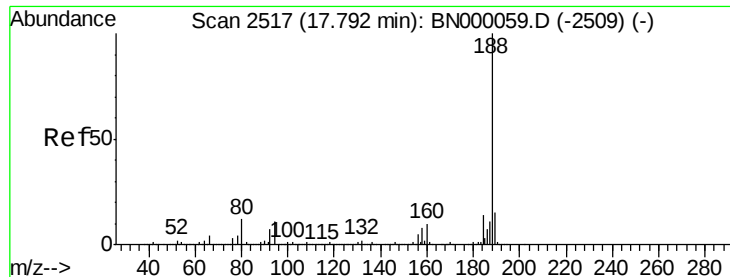
#44
 2-Fluorobiphenyl
 Concen: 104.472 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

Tgt Ion:172 Resp: 8001636
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.2 19.5 29.3



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

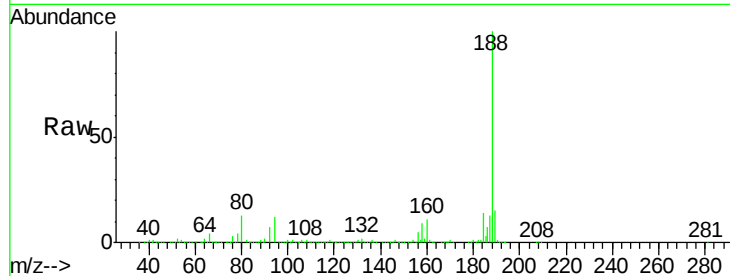




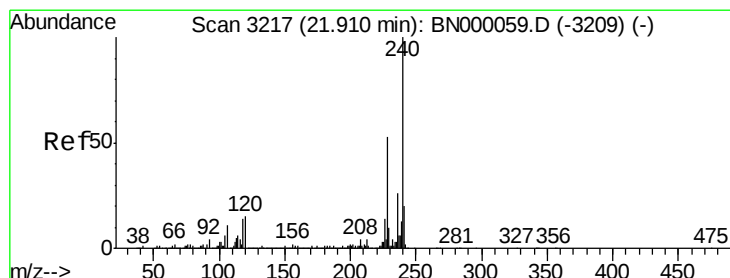
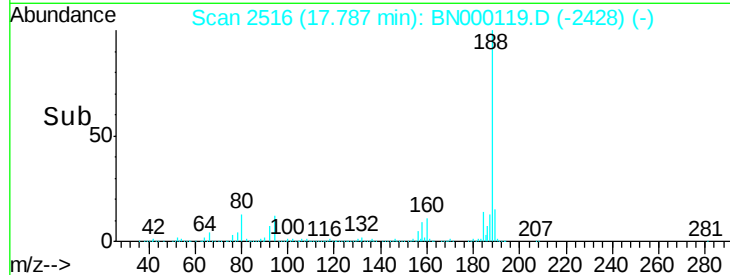
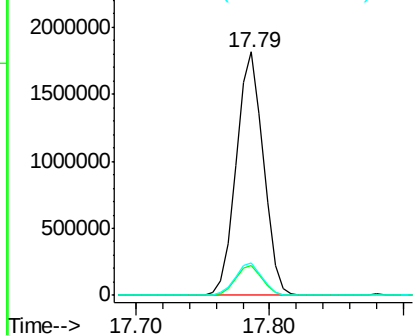
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Instrument :
BNA_N
ClientSampleId :
FB021318

Tot Ion:188 Resp: 2555387
Ion Ratio Lower Upper
188 100
94 12.2 6.9 10.3#
80 13.3 7.7 11.5#

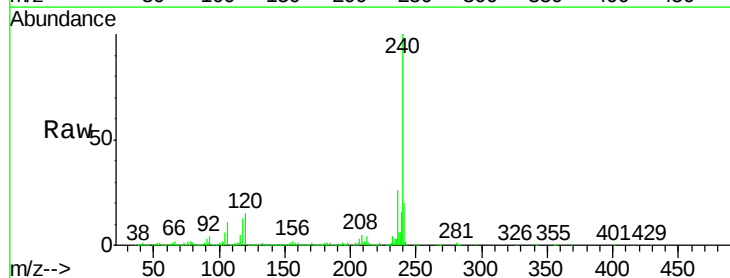


Abundance Ion 188.00 (187.70 to 188.70): E
2500000
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

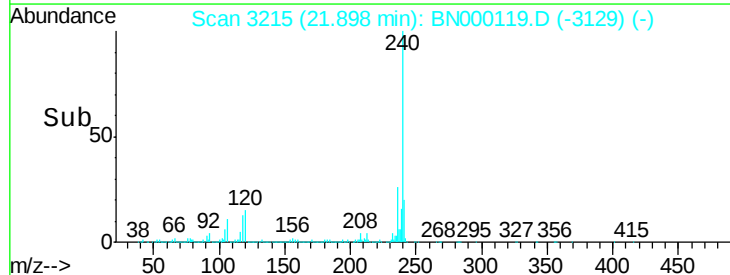
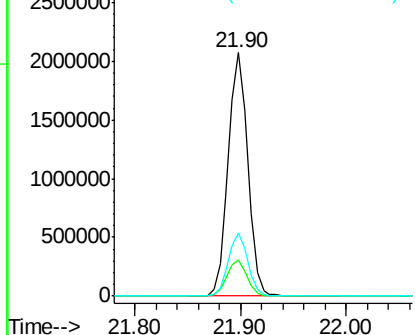


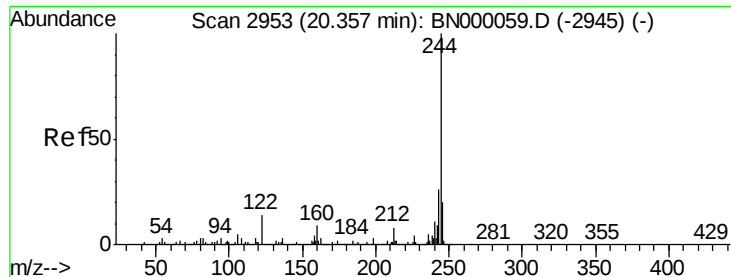
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion:240 Resp: 2652248
Ion Ratio Lower Upper
240 100
120 15.0 6.8 10.2#
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
2500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.988 ng

RT: 20.35 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

Instrument :

BNA_N

ClientSampled :

FB021318

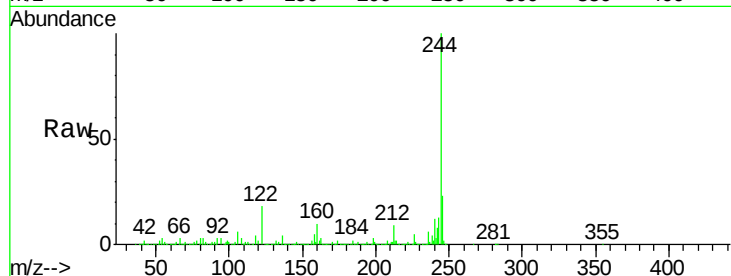
Tot Ion:244 Resp:11196601

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

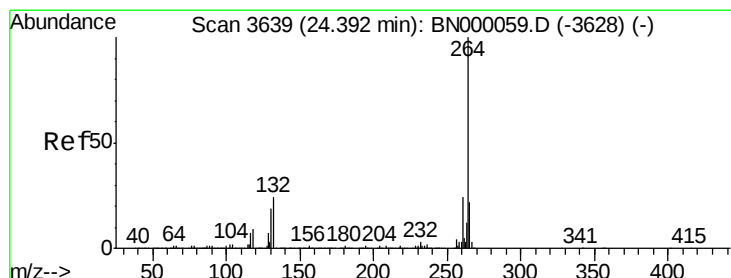
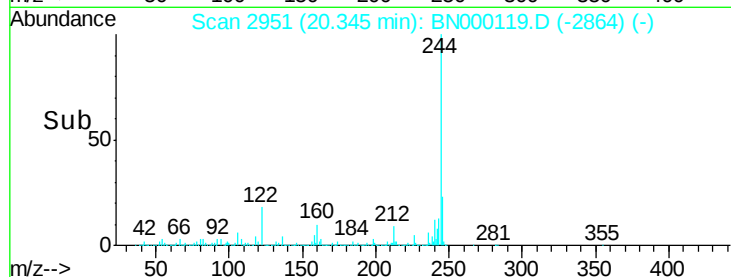
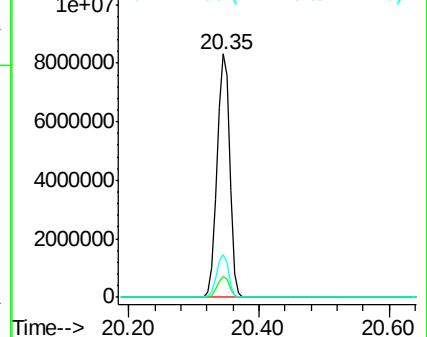
122 17.7 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.37 min Scan# 3636

Delta R.T. -0.04 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

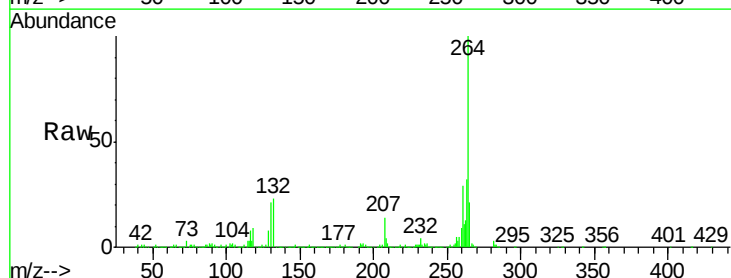
Tgt Ion:264 Resp: 1473279

Ion Ratio Lower Upper

264 100

260 28.8 17.4 26.0#

265 20.8 17.7 26.5



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

