

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000270.D
 Acq On : 06 Mar 2018 18:51
 Operator : JU/SJ
 Sample : J1792-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-13

Quant Time: Mar 07 06:34:52 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	8.45	152	305910	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1479233	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	828187	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1694318	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1627892	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1606420	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1325980	70.64	ng	-0.02
7) Phenol-d6	7.57	99	1125640	39.59	ng	-0.02
23) Nitrobenzene-d5	9.63	82	2819807	113.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	1226844	149.66	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	5767640	98.15	ng	-0.02
78) Terphenyl-d14	20.34	244	6616691	109.75	ng	-0.02

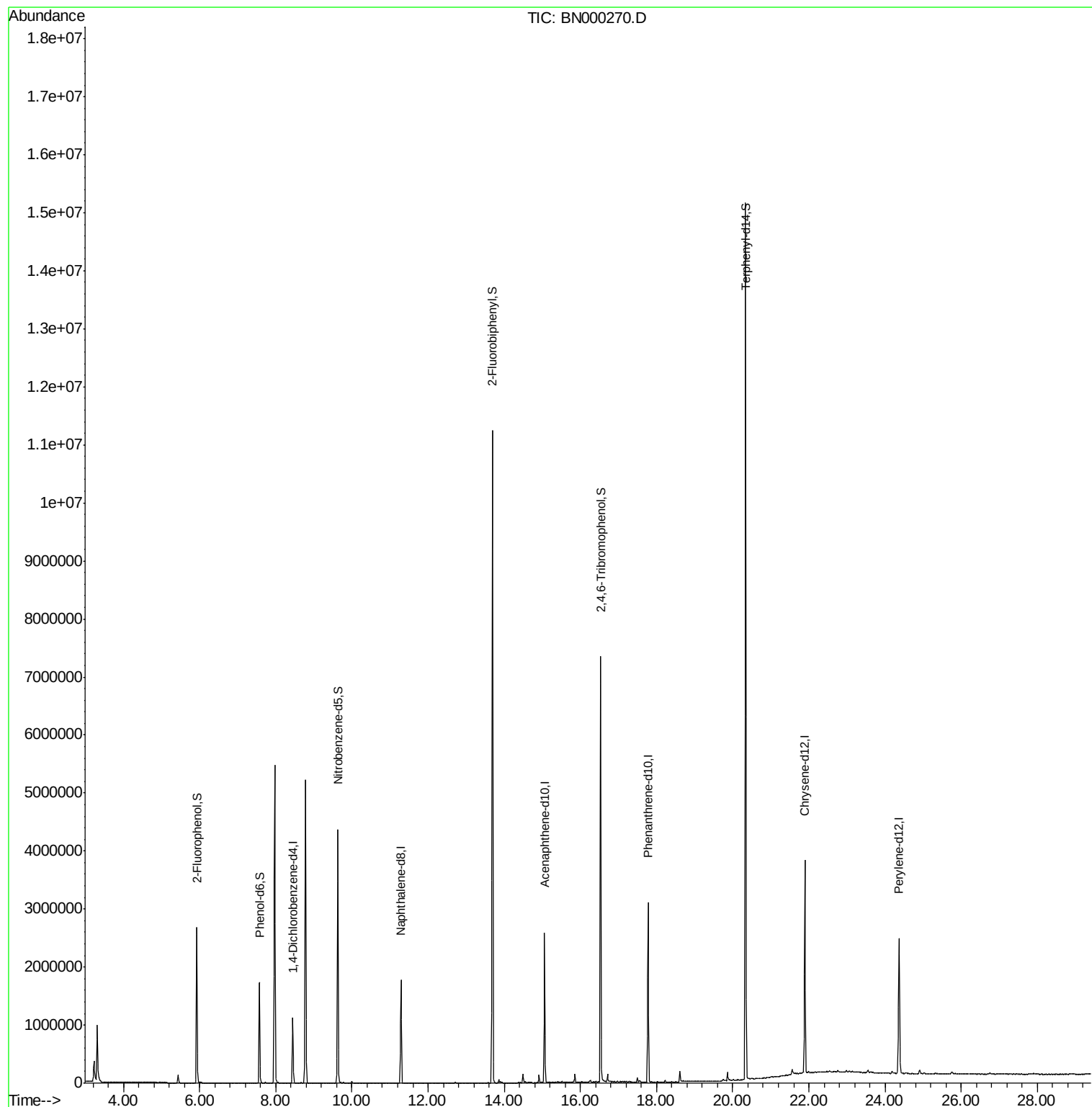
Target Compounds Qvalue

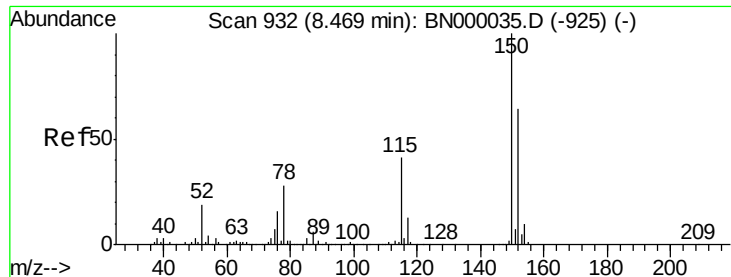
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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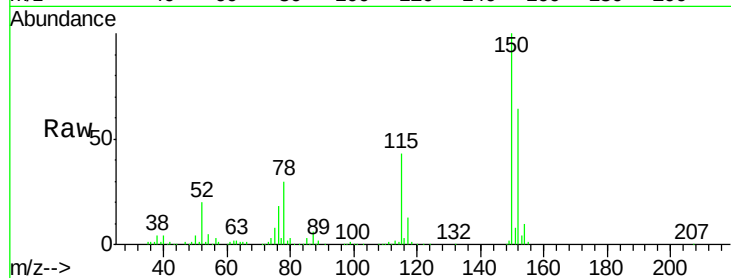


#1

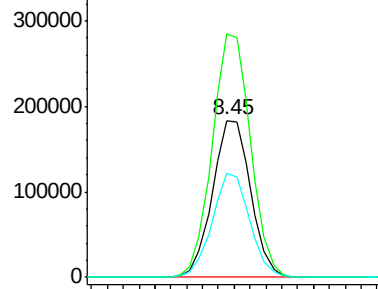
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Instrument :
BNA_N
ClientSampleId :
TP-13

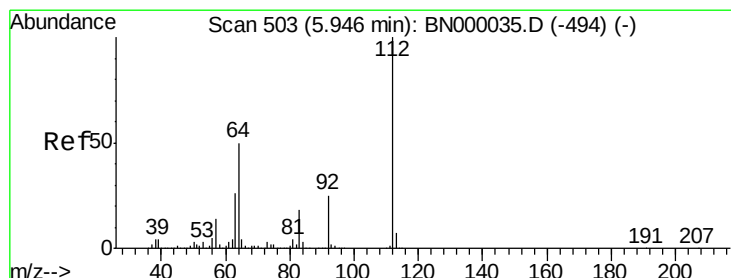
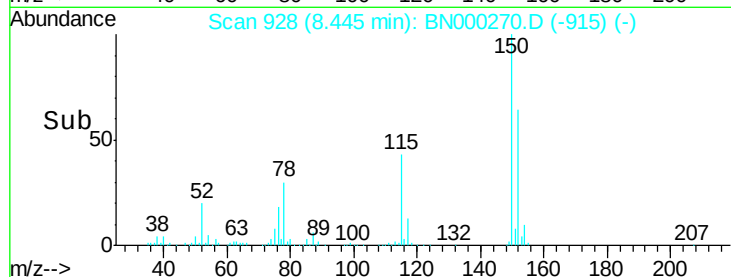
Tot Ion:152 Resp: 305910
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 66.3 53.0 79.4



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



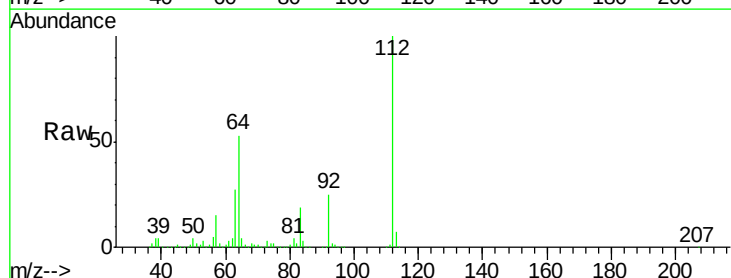
Time-->



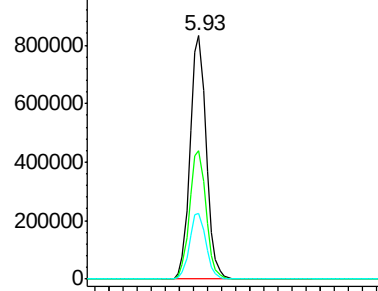
#5

2-Fluorophenol
Concen: 70.643 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

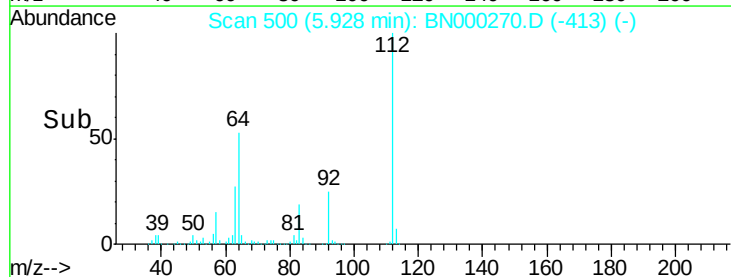
Tgt Ion:112 Resp: 1325980
Ion Ratio Lower Upper
112 100
64 52.8 56.3 84.5#
63 27.2 30.1 45.1#

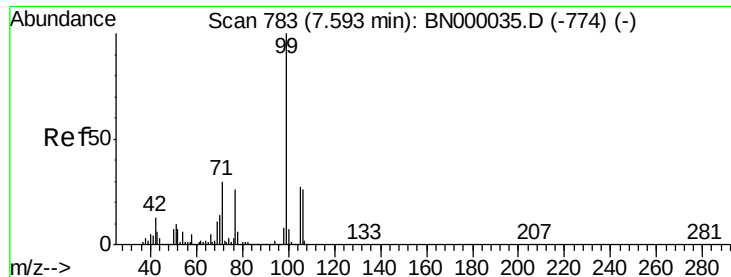


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



Time-->





#7

Phenol-d6

Concen: 39.590 ng

RT: 7.57 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Instrument :

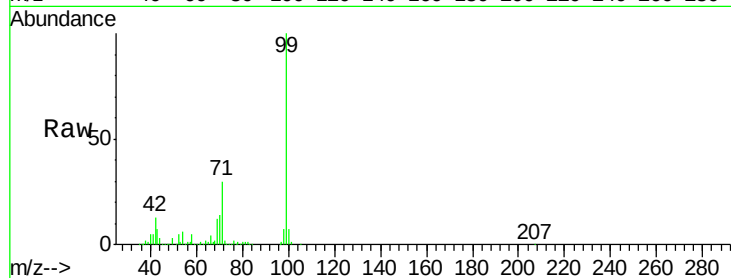
BNA_N

ClientSampleId :

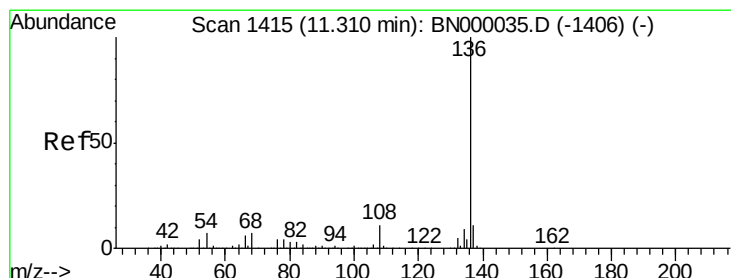
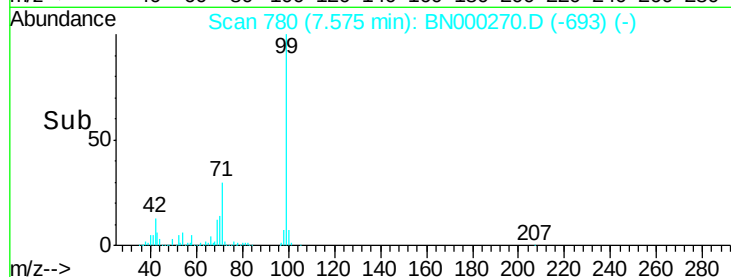
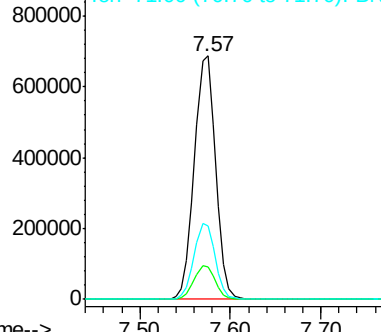
TP-13

Tot Ion: 99 Resp: 1125640

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	30.2	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000035.D (-774) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

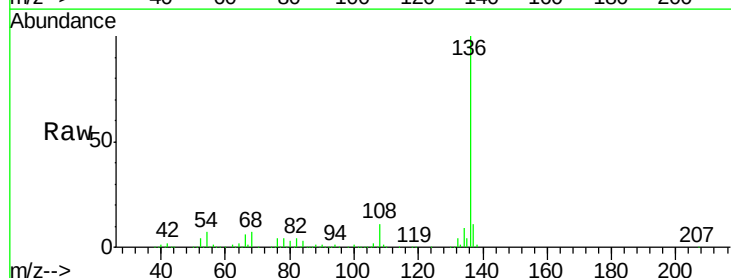
Delta R.T. -0.02 min

Lab File: BN000270.D

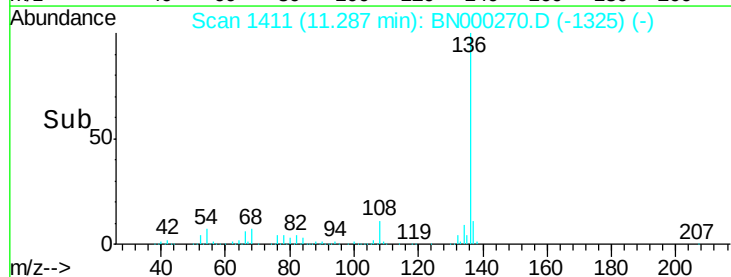
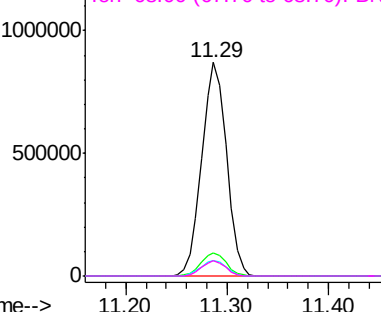
Acq: 06 Mar 2018 18:51

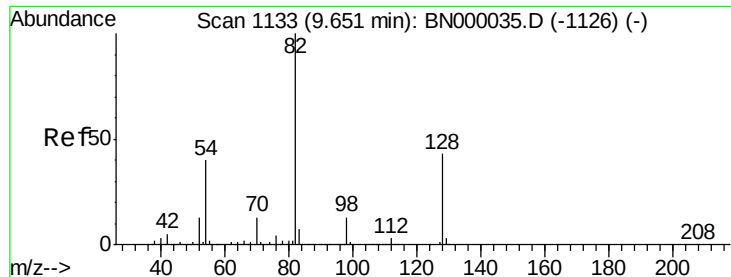
Tgt Ion: 136 Resp: 1479233

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.2	10.3	15.5#
68	7.0	4.5	6.7#



Abundance Ion 136.00 (135.70 to 136.70): BN000035.D (-1406) (-)

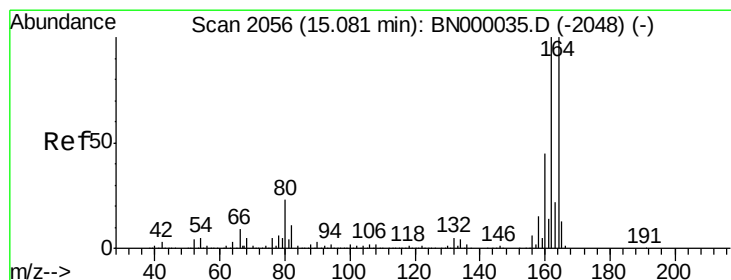
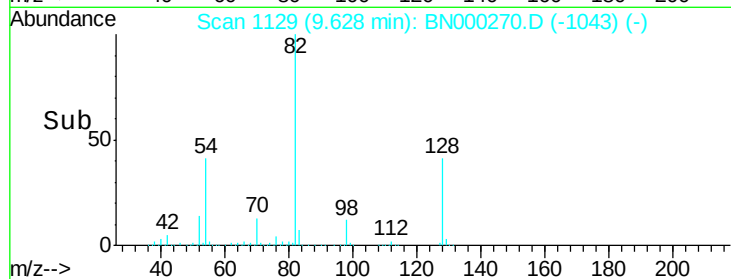
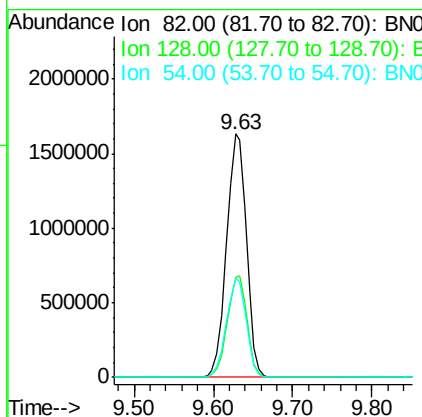
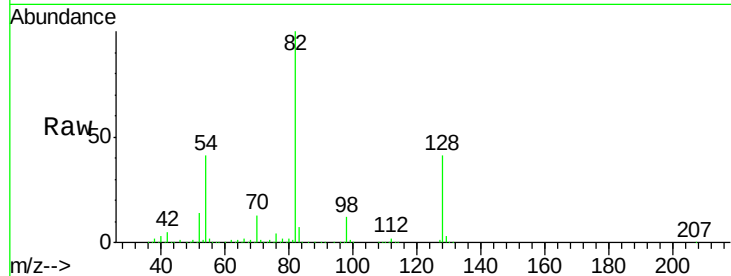




#23
 Nitrobenzene-d5
 Concen: 113.338 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

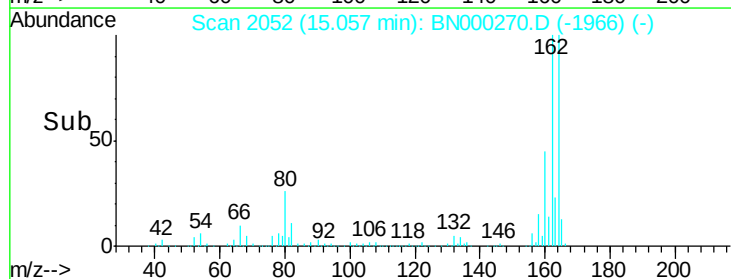
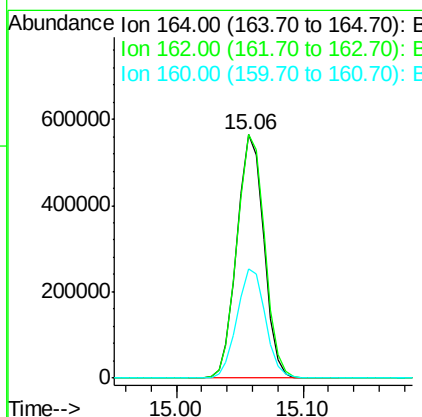
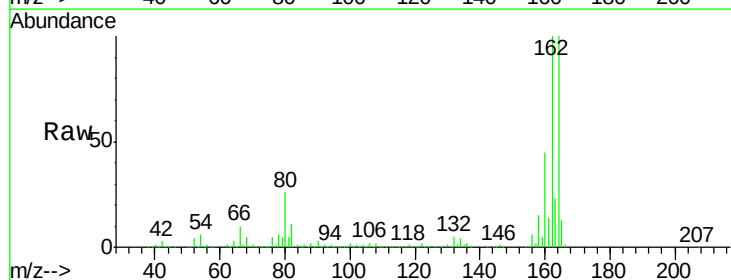
Instrument :
 BNA_N
 ClientSampled :
 TP-13

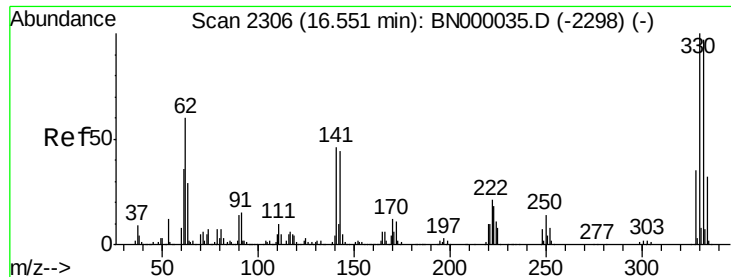
Tot Ion: 82 Resp: 2819807
 Ion Ratio Lower Upper
 82 100
 128 41.3 29.7 44.5
 54 40.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Tgt Ion:164 Resp: 828187
 Ion Ratio Lower Upper
 164 100
 162 100.0 78.8 118.2
 160 44.7 35.4 53.0

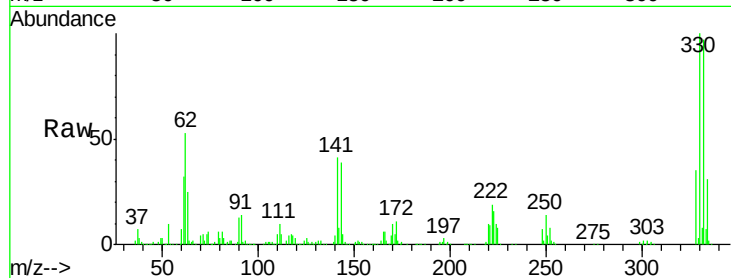




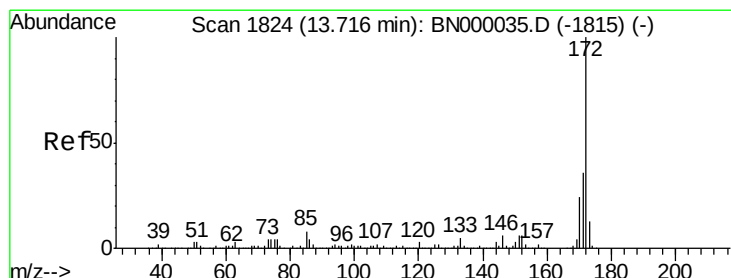
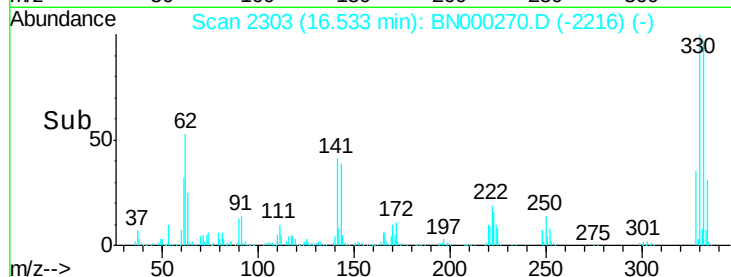
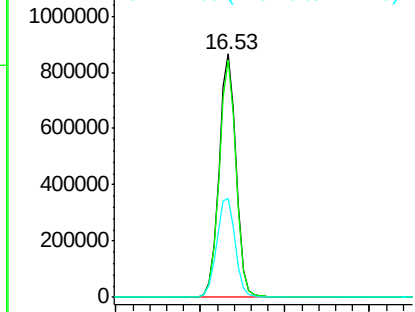
#41
 2,4,6-Tribromophenol
 Concen: 149.655 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :
 TP-13

Tot Ion:330 Resp: 1226844
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 44.5 25.2 37.8#

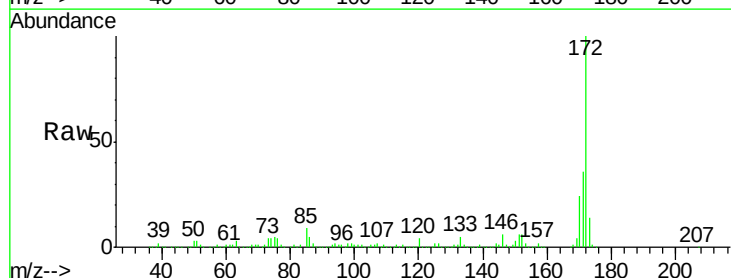


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

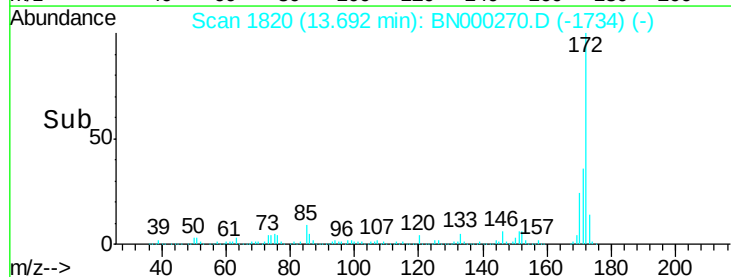
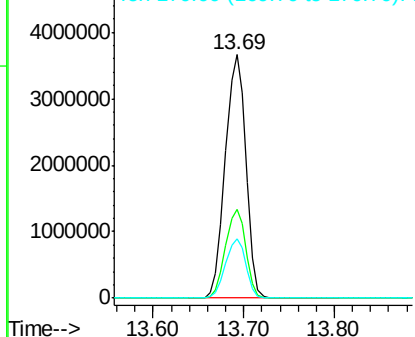


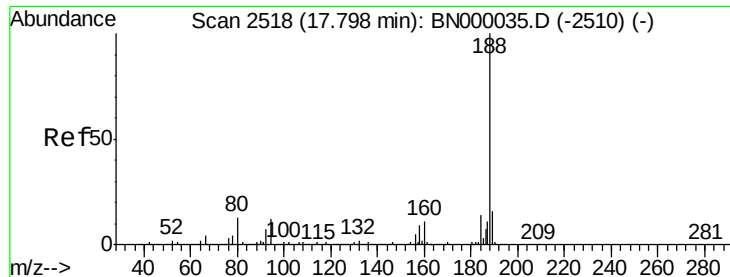
#44
 2-Fluorobiphenyl
 Concen: 98.154 ng
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Tgt Ion:172 Resp: 5767640
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 24.5 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

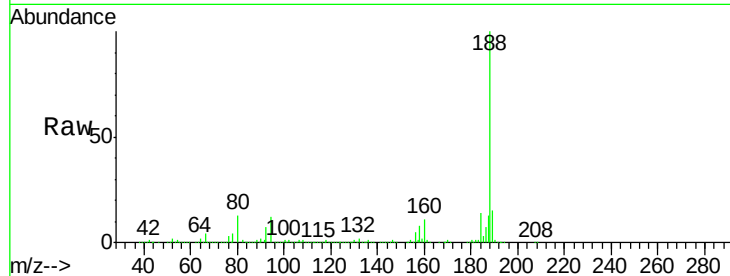




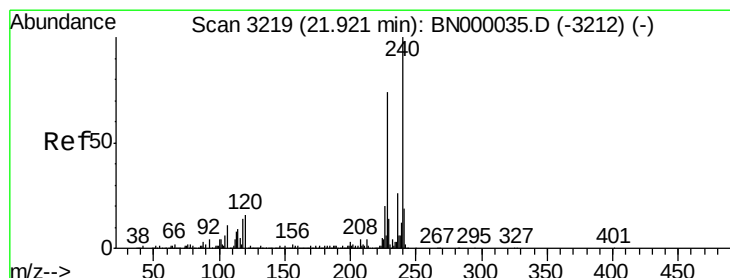
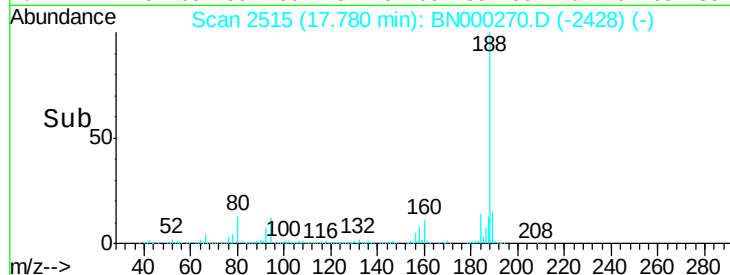
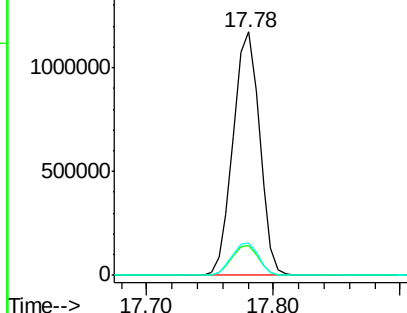
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Instrument :
BNA_N
ClientSampleId :
TP-13

Tot Ion:188 Resp: 1694318
Ion Ratio Lower Upper
188 100
94 12.1 6.9 10.3#
80 13.1 7.7 11.5#

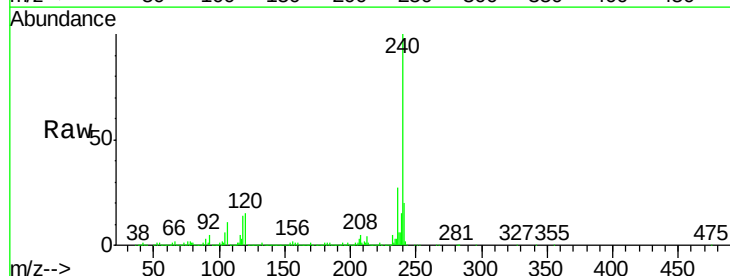


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

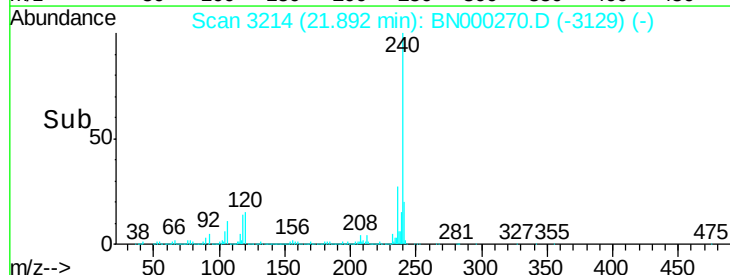
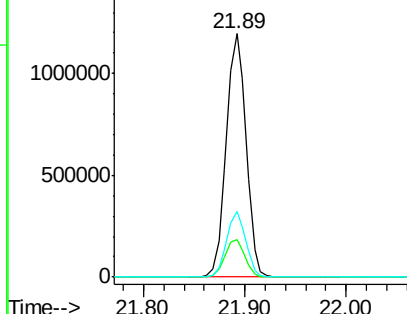


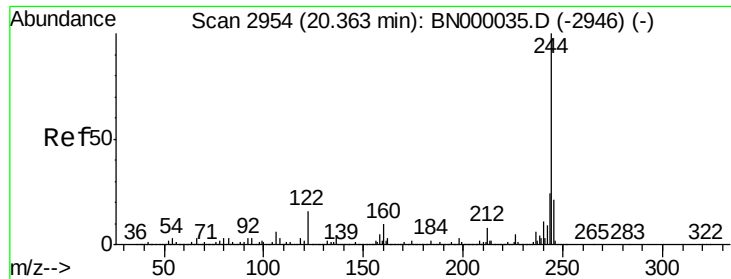
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.03 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Tgt Ion:240 Resp: 1627892
Ion Ratio Lower Upper
240 100
120 15.5 6.8 10.2#
236 26.8 20.9 31.3



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





#78

Terphenyl-d14

Concen: 109.749 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Instrument :

BNA_N

ClientSampleId :

TP-13

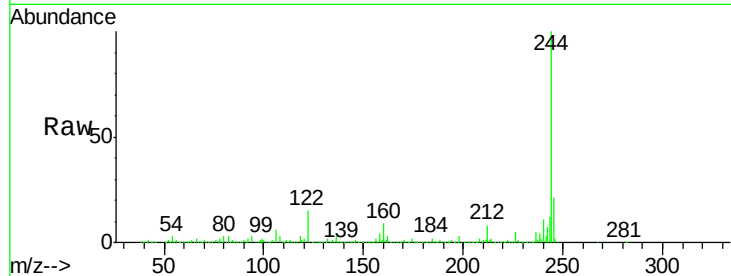
Tot Ion:244 Resp: 6616691

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

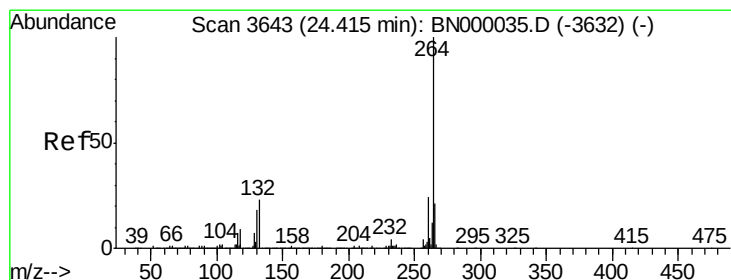
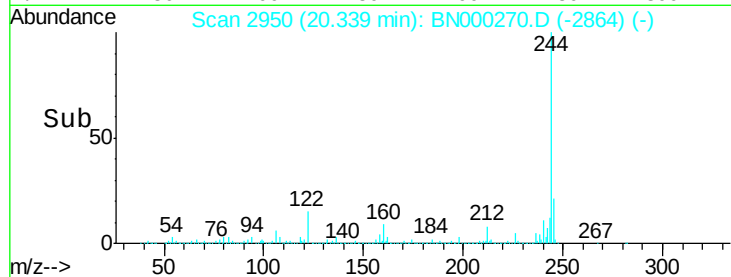
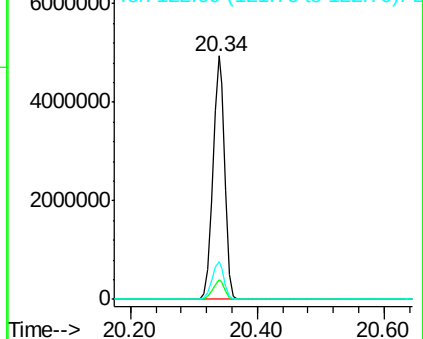
122 15.5 7.0 10.4#



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# 3635

Delta R.T. -0.05 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

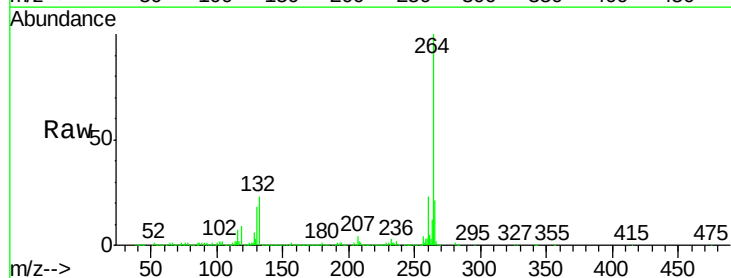
Tgt Ion:264 Resp: 1606420

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.9 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

