

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000120.D
 Acq On : 19 Feb 2018 21:04
 Operator : JU/SJ
 Sample : J1573-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB021418

Quant Time: Feb 20 07:22:30 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	471824	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2289711	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1310327	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3027658	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3062930	20.00	ng	-0.02
86) Perylene-d12	24.37	264	2080280	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1713824	59.20	ng	-0.01
7) Phenol-d6	7.58	99	1407934	32.11	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3658659	95.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1802407	138.96	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8317924	89.47	ng	-0.02
78) Terphenyl-d14	20.35	244	11136685	98.18	ng	-0.02

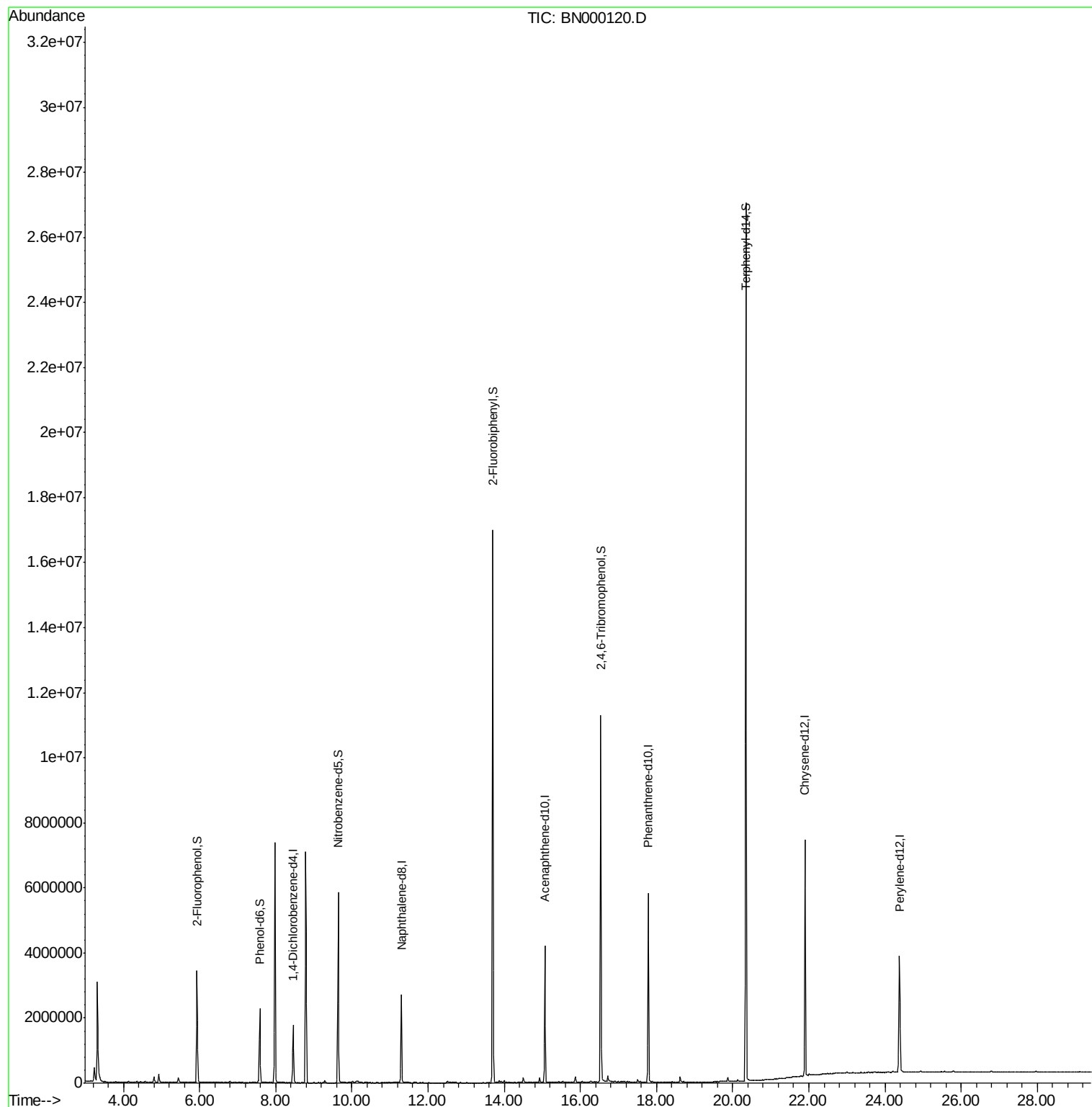
Target Compounds Qvalue

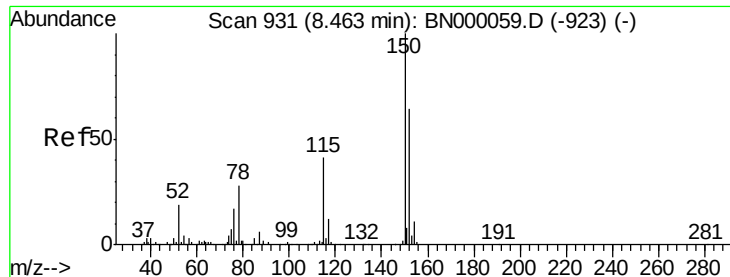
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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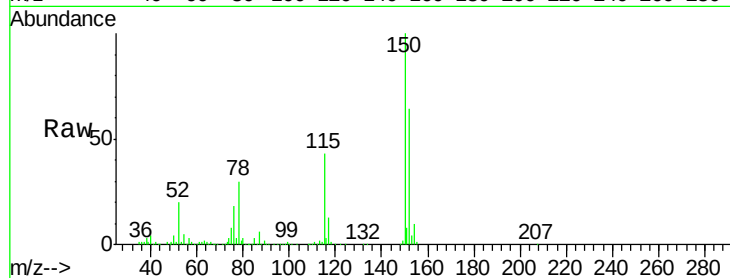


#1

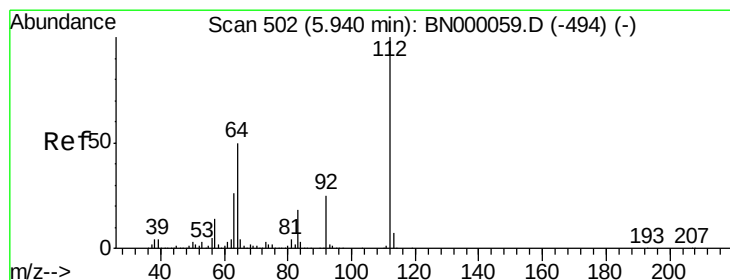
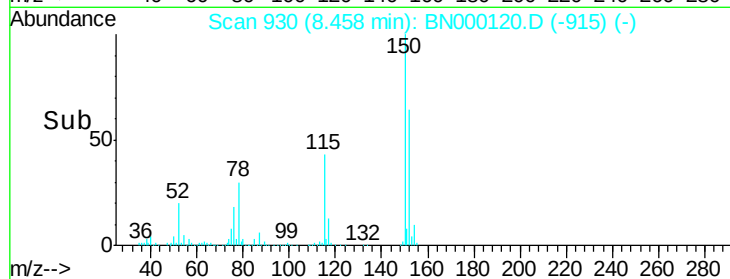
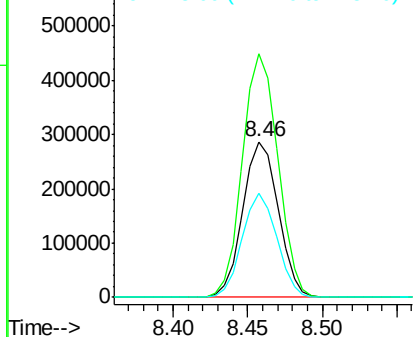
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Instrument :
BNA_N
ClientSampleId :
FB021418

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	67.0	53.0	79.4



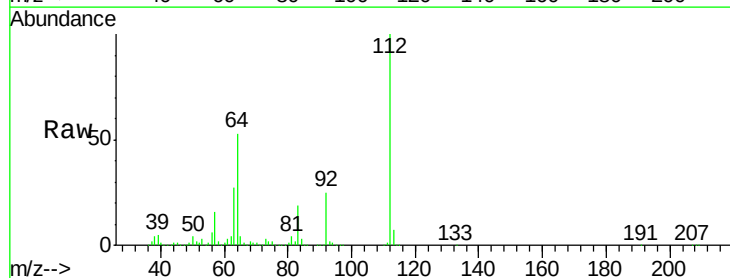
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



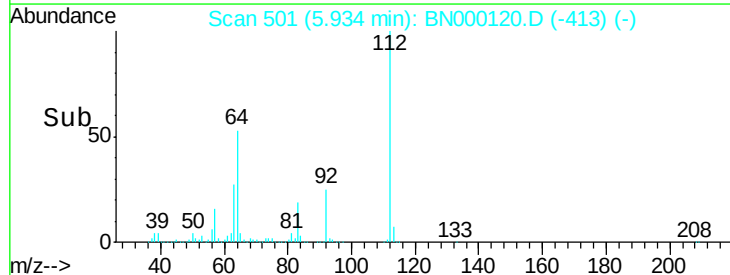
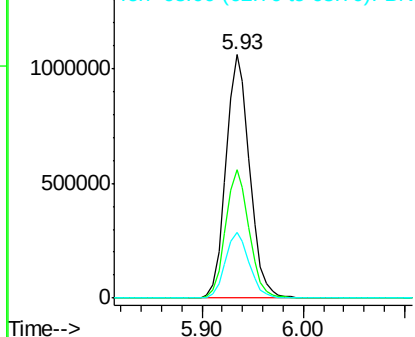
#5

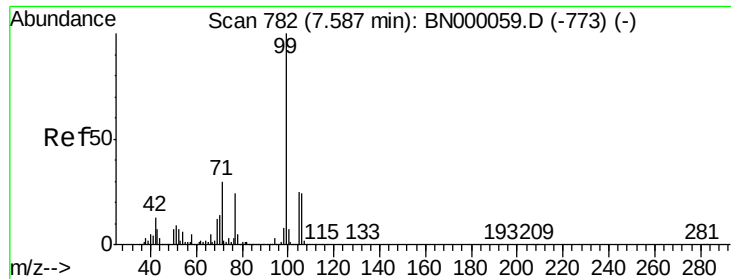
2-Fluorophenol
Concen: 59.199 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	56.3	84.5#
63	27.0	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: 32.106 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Instrument :

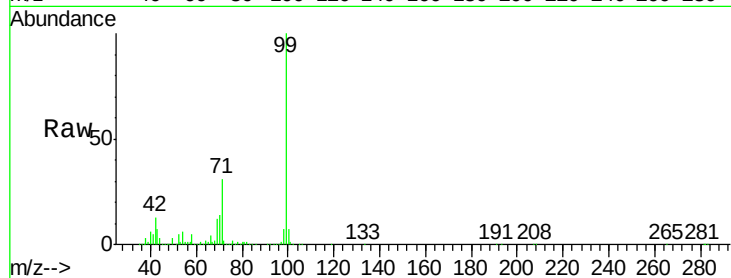
BNA_N

ClientSampleId :

FB021418

Tot Ion: 99 Resp: 1407934

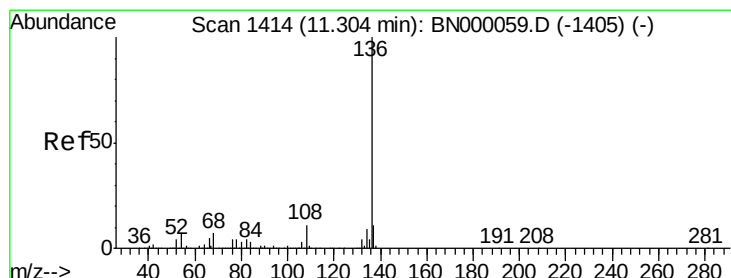
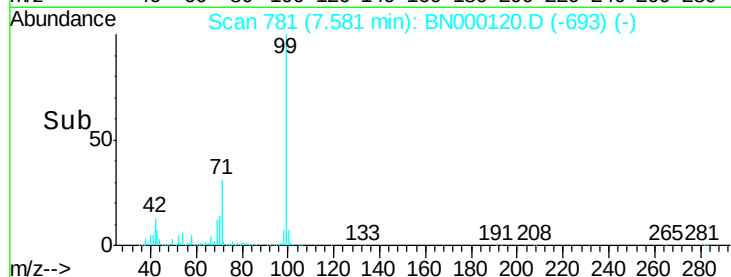
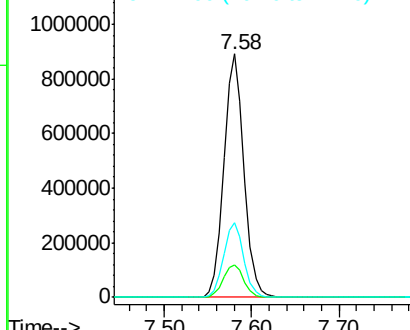
Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	30.7	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000120.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BN000120.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BN000120.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

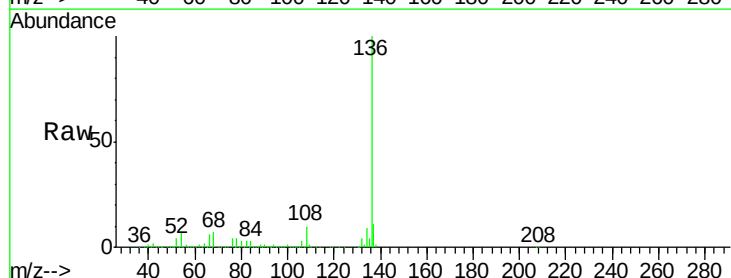
Delta R.T. -0.01 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Tgt Ion: 136 Resp: 2289711

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	10.3	15.5#
68	6.7	4.5	6.7

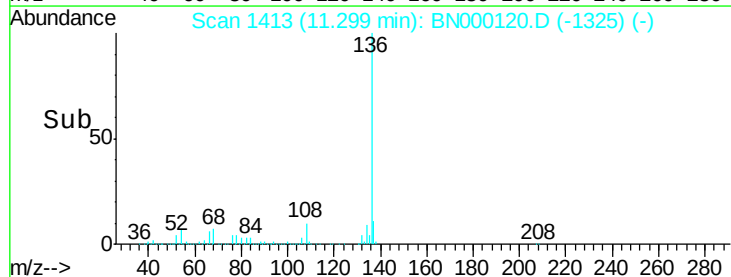
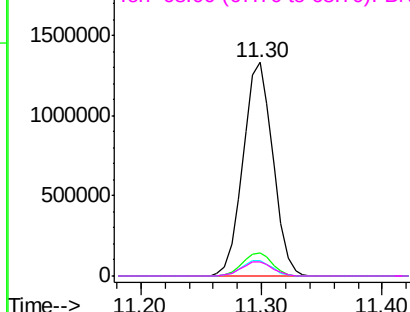


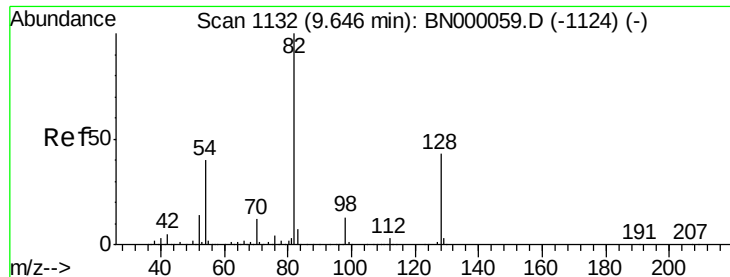
Abundance Ion 136.00 (135.70 to 136.70): BN000120.D (-1325) (-)

Ion 137.00 (136.70 to 137.70): BN000120.D (-1325) (-)

Ion 54.00 (53.70 to 54.70): BN000120.D (-1325) (-)

Ion 68.00 (67.70 to 68.70): BN000120.D (-1325) (-)

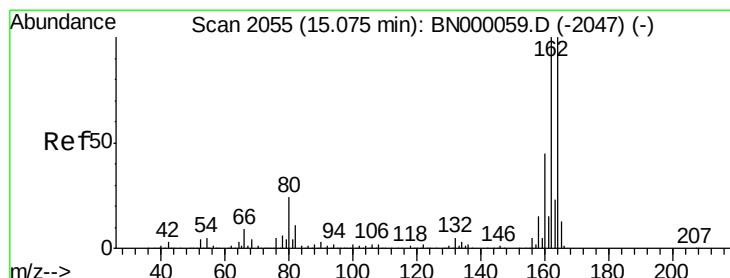
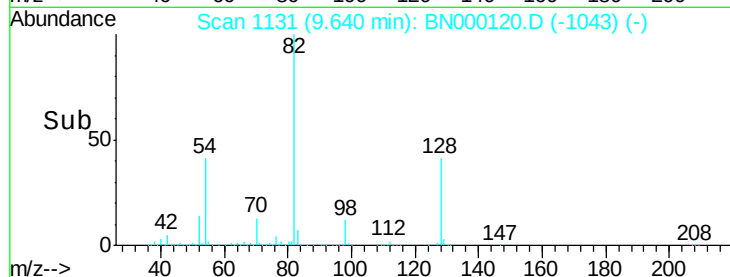
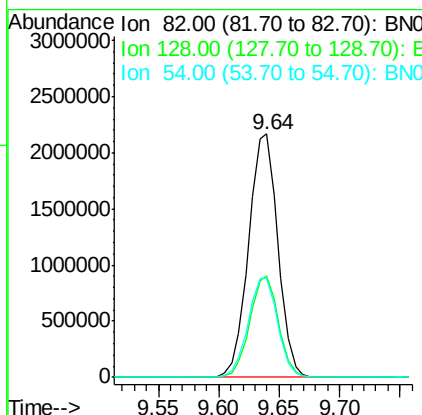
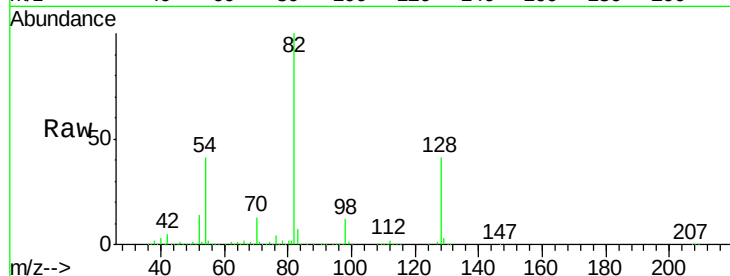




#23
Nitrobenzene-d5
Concen: 95.002 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

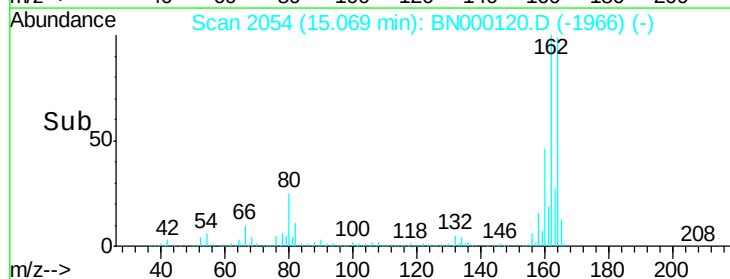
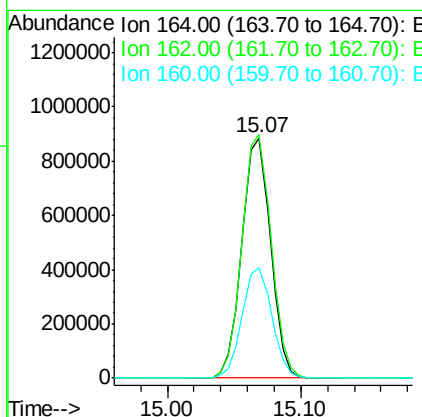
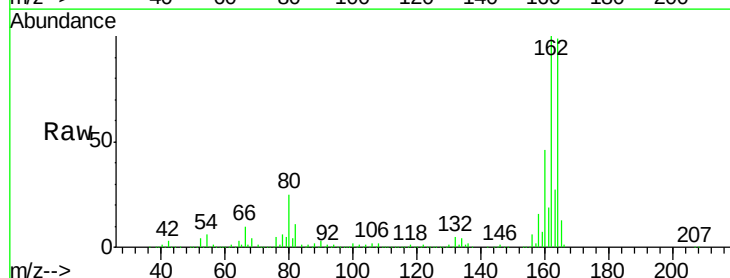
Instrument :
BNA_N
ClientSampleId :
FB021418

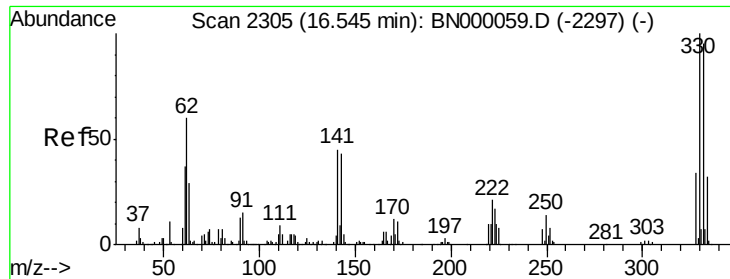
Tot Ion: 82 Resp: 3658659
Ion Ratio Lower Upper
82 100
128 41.5 29.7 44.5
54 40.5 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion: 164 Resp: 1310327
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 46.3 35.4 53.0

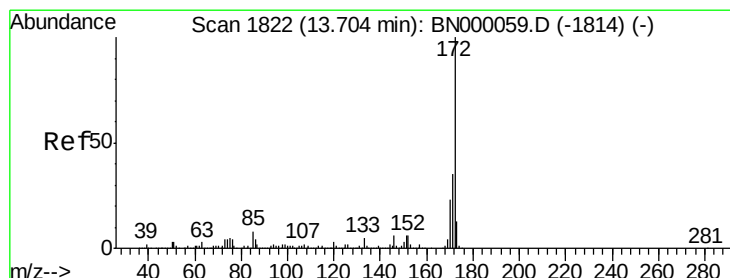
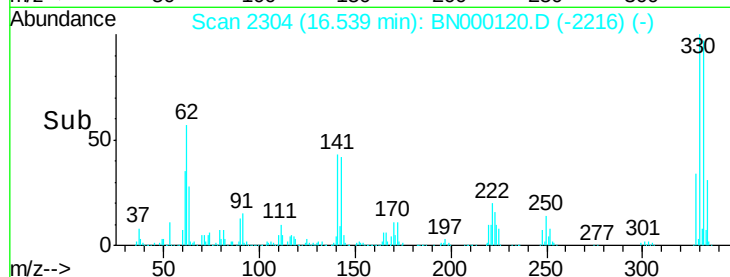
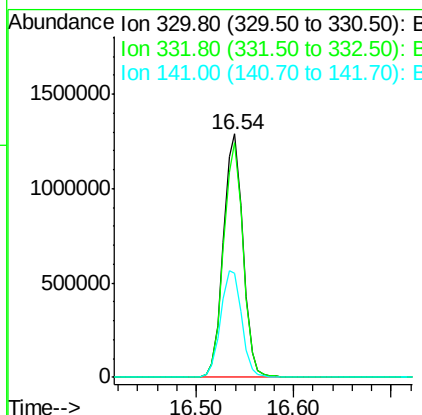
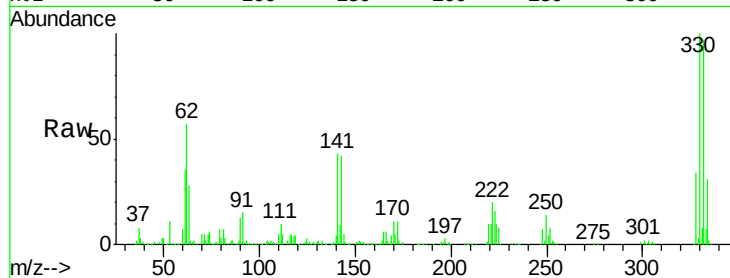




#41
 2,4,6-Tribromophenol
 Concen: 138.965 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

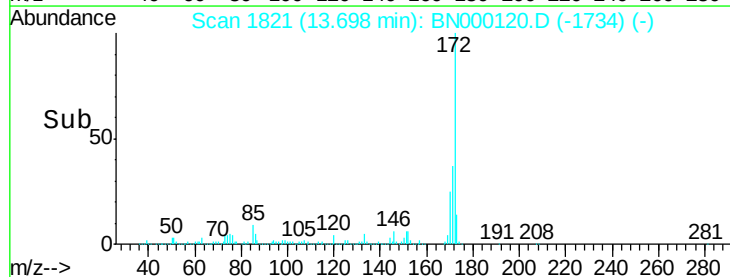
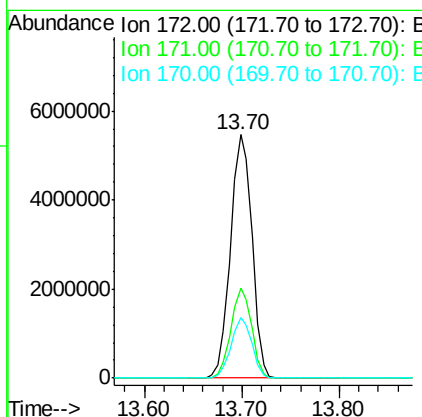
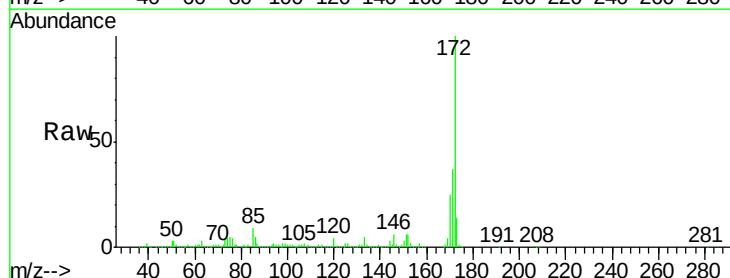
Instrument :
 BNA_N
 ClientSampleId :
 FB021418

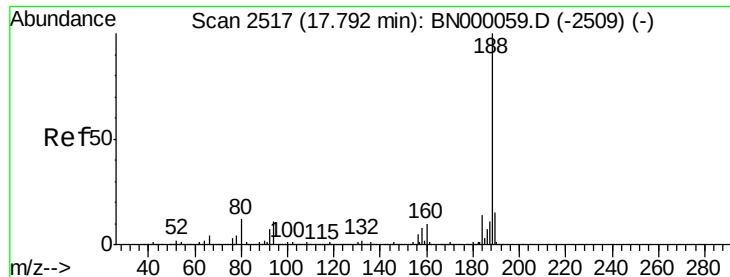
Tot Ion:330 Resp: 1802407
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 89.469 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

Tgt Ion:172 Resp: 8317924
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 24.8 19.5 29.3

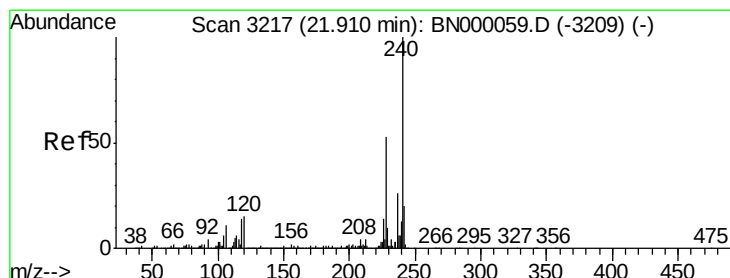
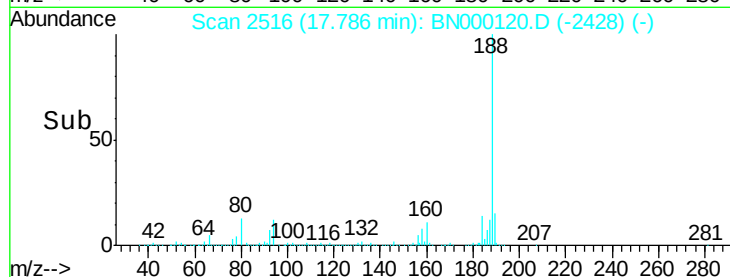
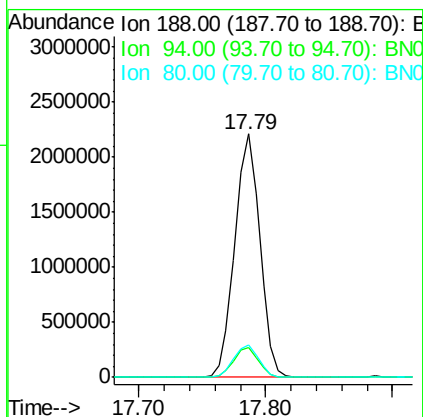
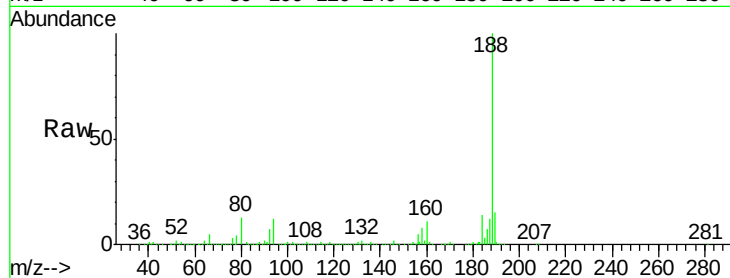




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

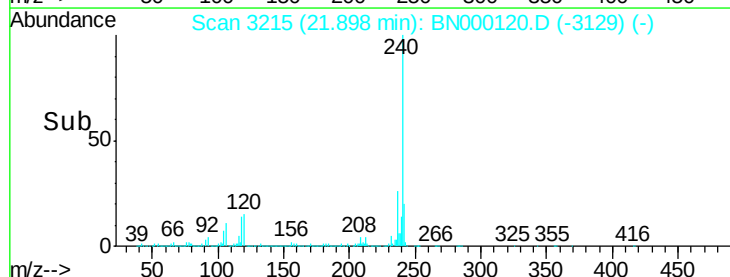
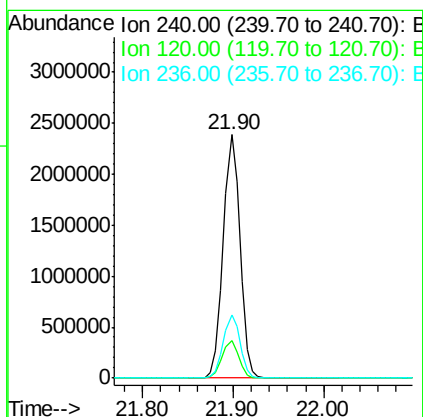
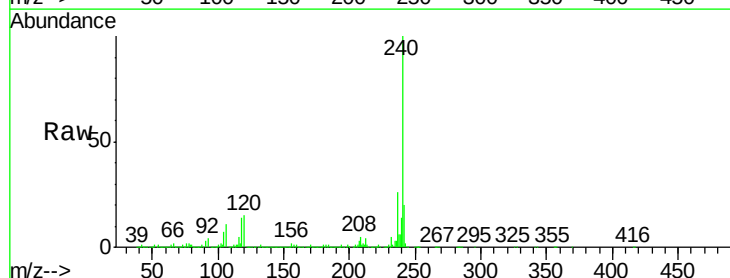
Instrument :
BNA_N
ClientSampled :
FB021418

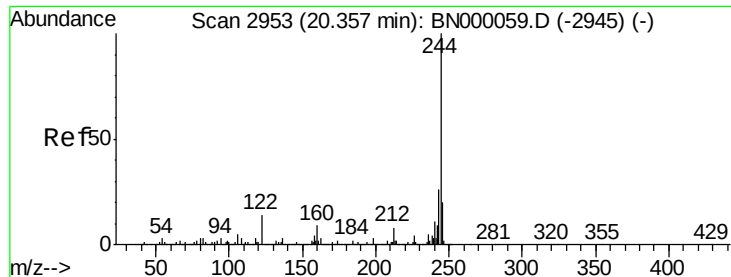
Tot Ion:188 Resp: 3027658
Ion Ratio Lower Upper
188 100
94 12.1 6.9 10.3#
80 13.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion:240 Resp: 3062930
Ion Ratio Lower Upper
240 100
120 15.2 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 98.176 ng

RT: 20.35 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Instrument :

BNA_N

ClientSampleId :

FB021418

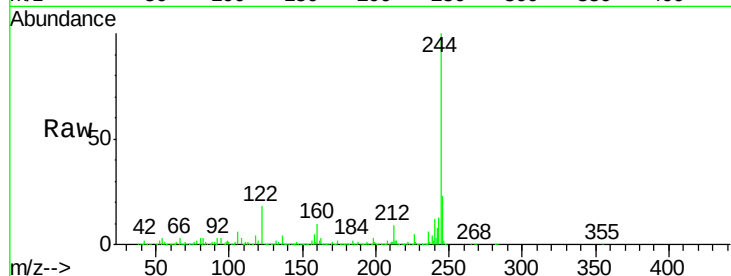
Tot Ion:244 Resp:11136685

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

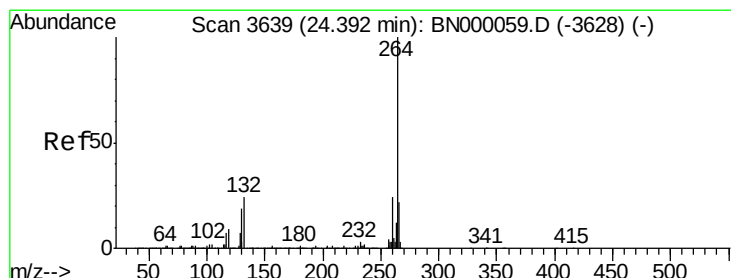
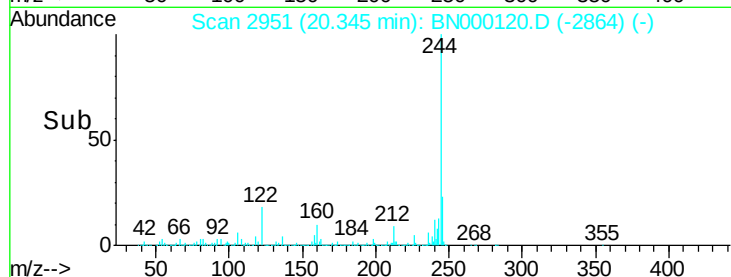
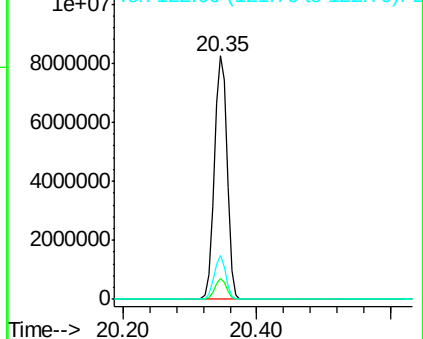
122 17.8 7.0 10.4#



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: BN000120.D

Acq: 19 Feb 2018 21:04

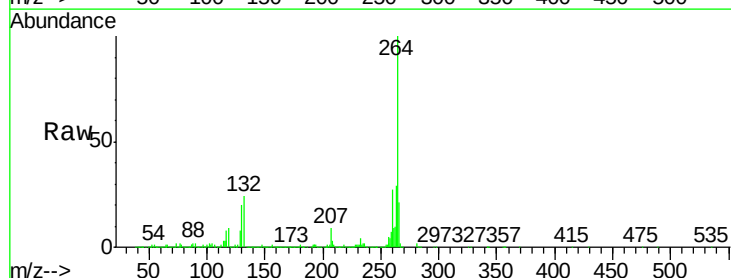
Tgt Ion:264 Resp: 2080280

Ion Ratio Lower Upper

264 100

260 26.6 17.4 26.0#

265 21.0 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

