

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024645.D
 Acq On : 29 Jan 2020 12:05
 Operator : CG/JU
 Sample : L1008-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 02:53:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

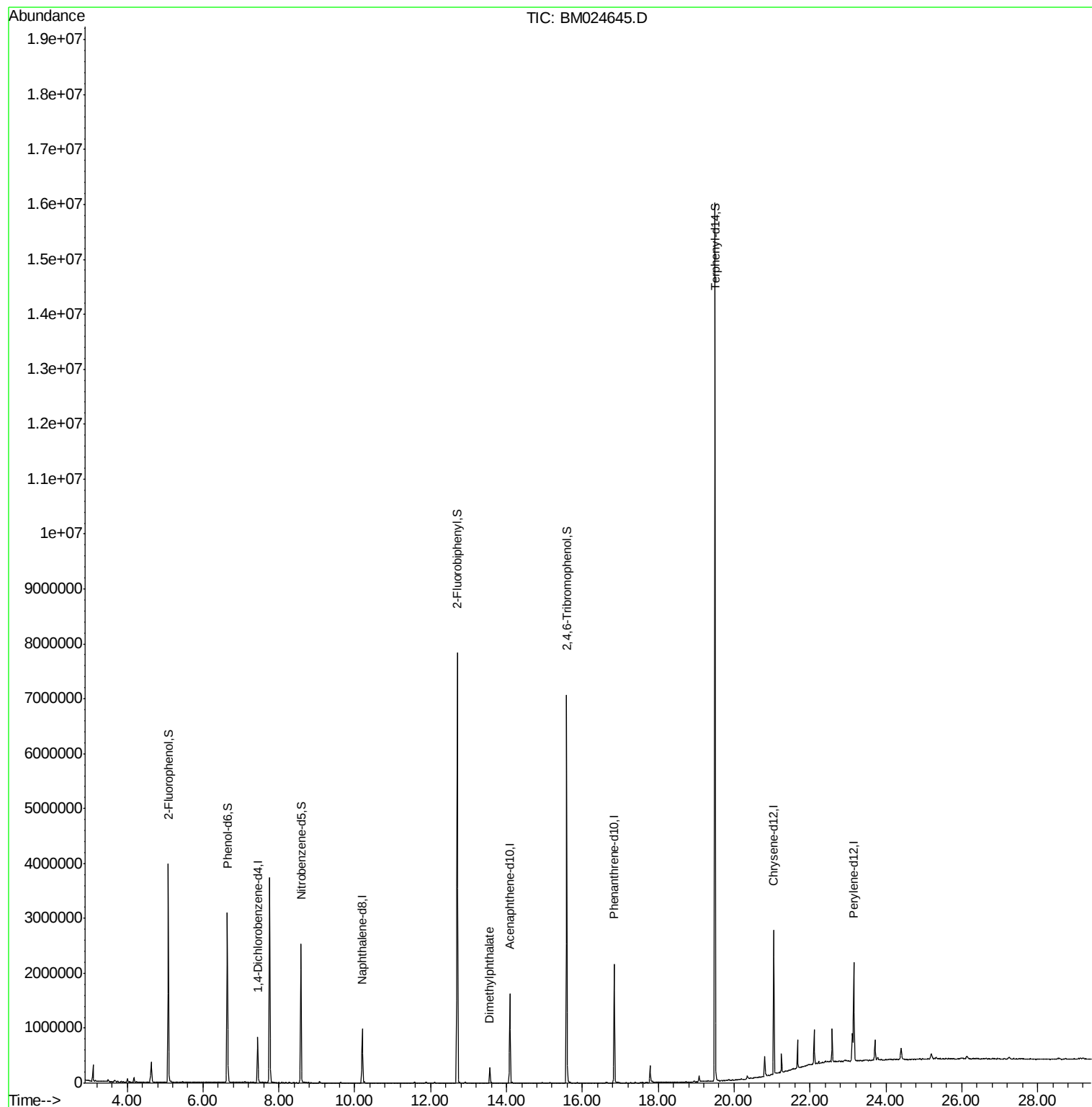
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	225321	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	806847	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	558811	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1280786	20.00	ng	0.00
76) Chrysene-d12	21.04	240	1224764	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1294323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1590699	134.26	ng	0.00
7) Phenol-d6	6.65	99	1698793	104.08	ng	0.00
23) Nitrobenzene-d5	8.58	82	1411076	85.77	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1420811	156.31	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4039584	98.28	ng	0.00
79) Terphenyl-d14	19.50	244	7754221	118.20	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.56	163	189499	4.194	ng	Qvalue 99

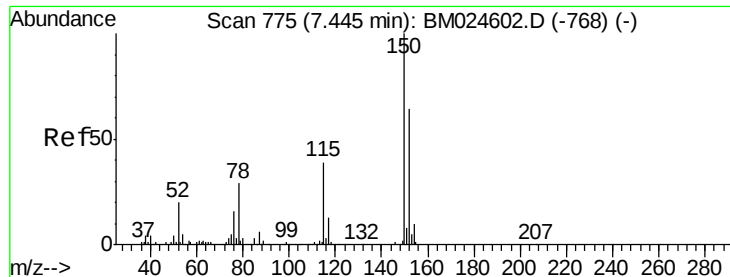
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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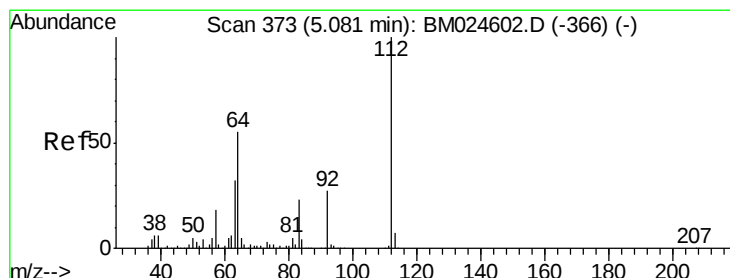
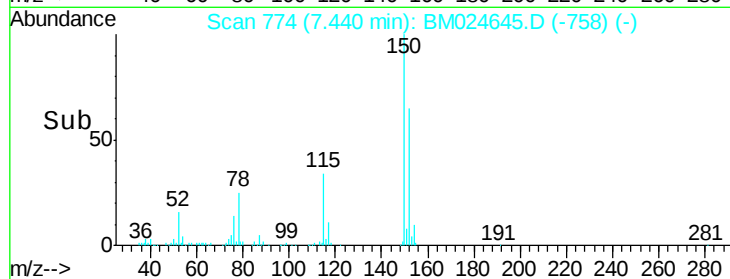
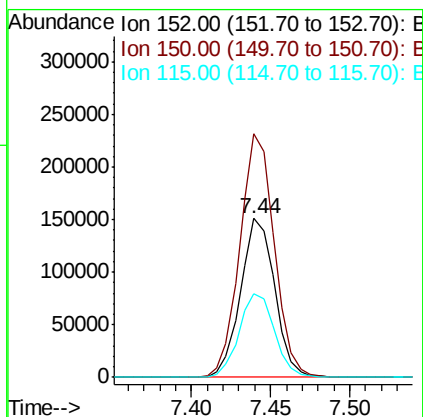
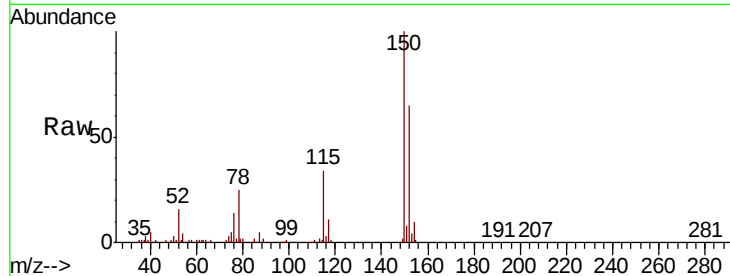


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024645.D
Acq: 29 Jan 2020 12:05

Instrument :
BNA_M
ClientSampleId :

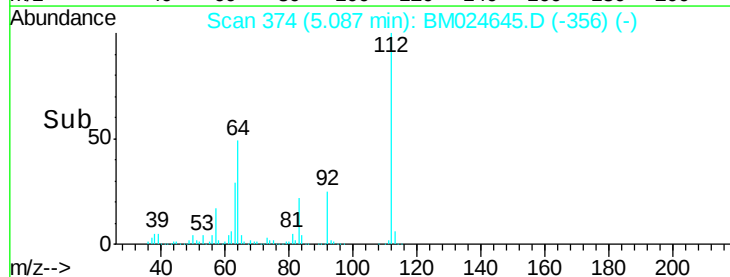
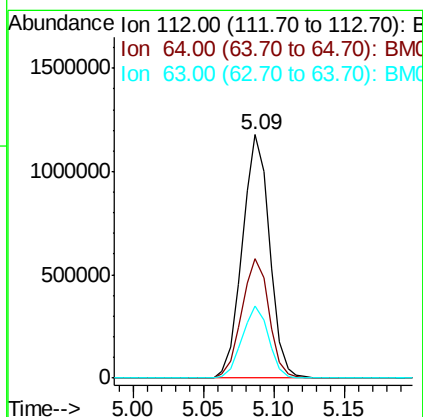
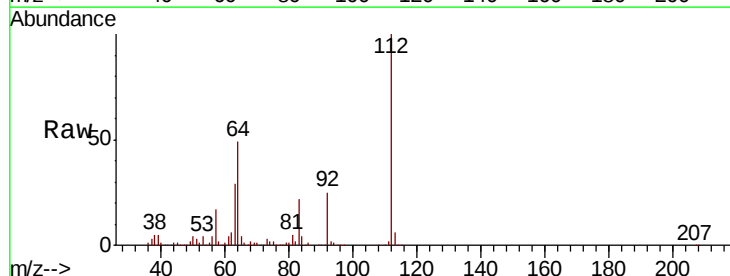
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.4
115	52.6	48.6	72.8

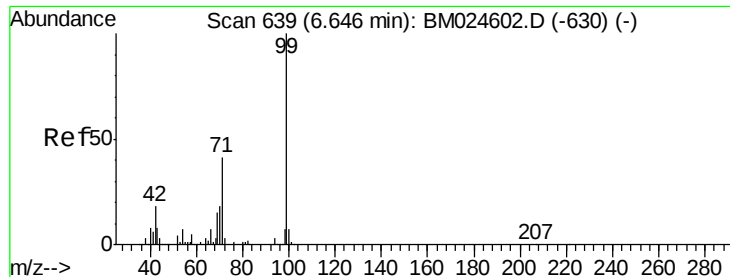


#5

2-Fluorophenol
Concen: 134.259 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024645.D
Acq: 29 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	44.2	66.4
63	29.4	25.9	38.9





#7

Phenol-d6

Concen: 104.083 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024645.D

Acq: 29 Jan 2020 12:05

Instrument :

BNA_M

ClientSampled :

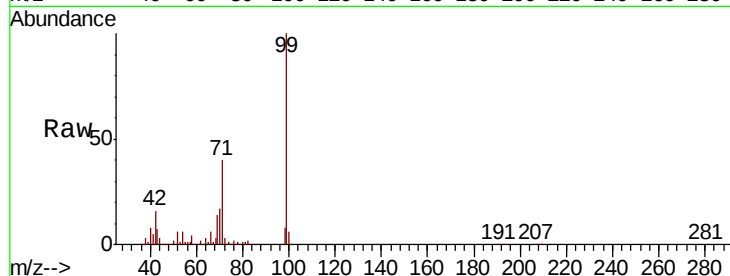
Tot Ion: 99 Resp: 1698793

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

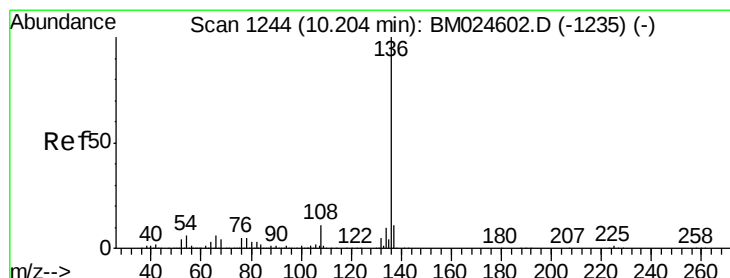
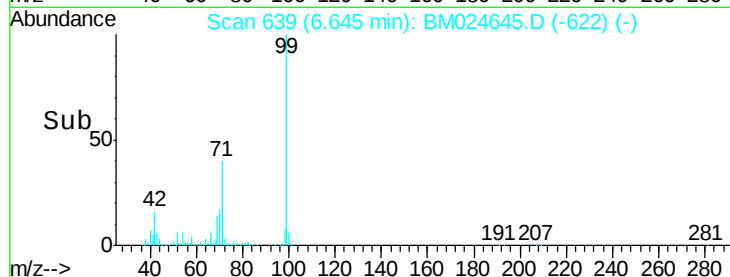
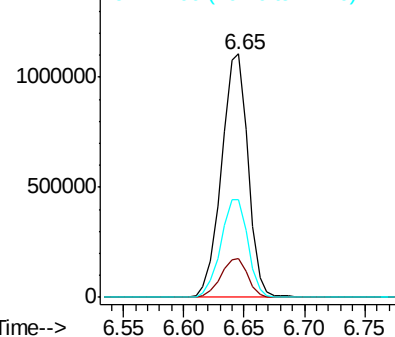
71 40.1 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024645.D (-622) (-)

1500000 Ion 42.00 (41.70 to 42.70): BM024645.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024645.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024645.D

Acq: 29 Jan 2020 12:05

Tgt Ion: 136 Resp: 806847

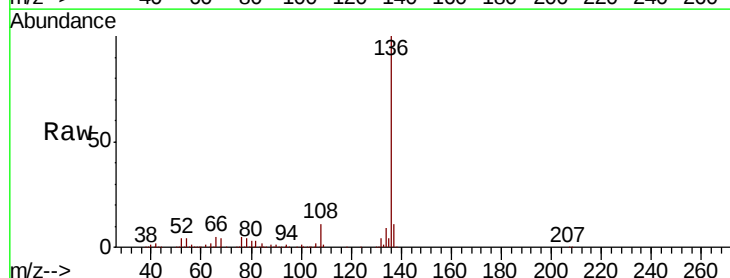
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 4.4 4.5 6.7#

68 3.7 3.4 5.0

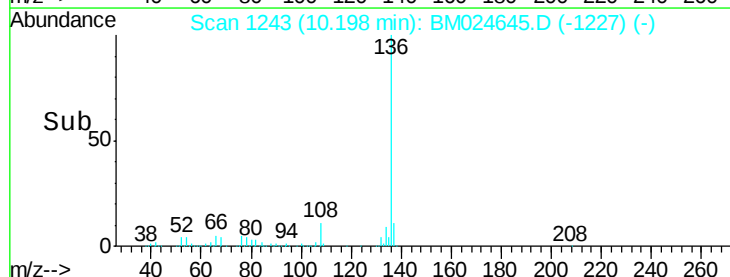
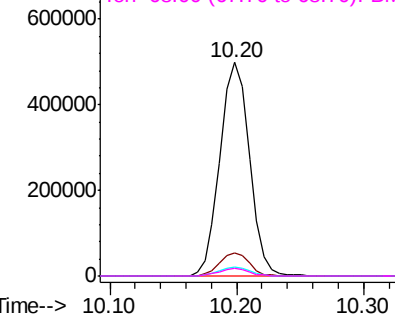


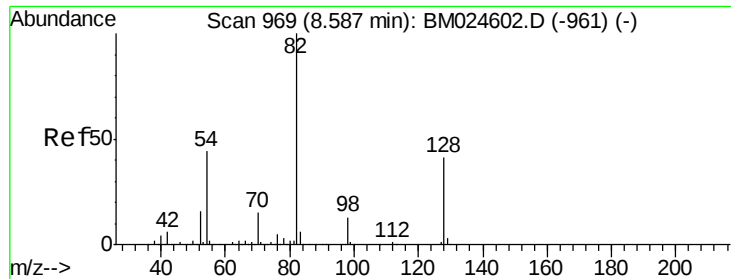
Abundance Ion 136.00 (135.70 to 136.70): BM024645.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024645.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024645.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024645.D (-1227) (-)



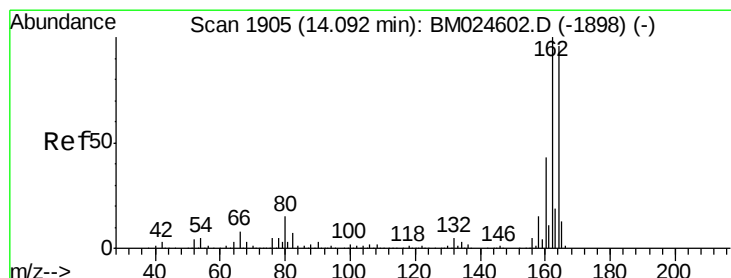
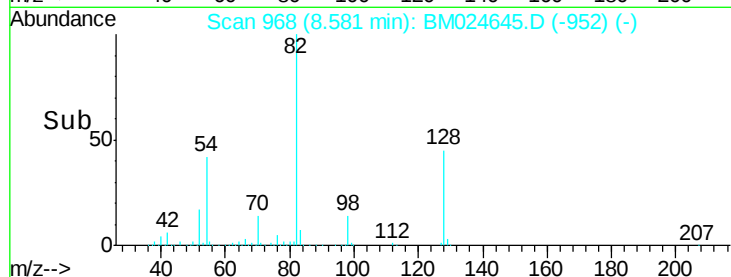
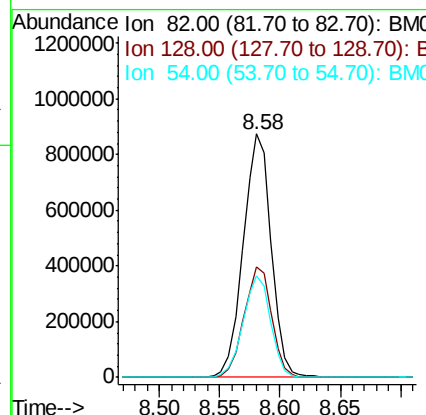
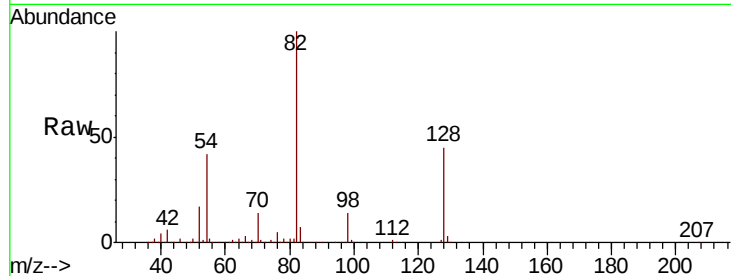


#23
 Nitrobenzene-d5
 Concen: 85.768 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024645.D
 Acq: 29 Jan 2020 12:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1411076

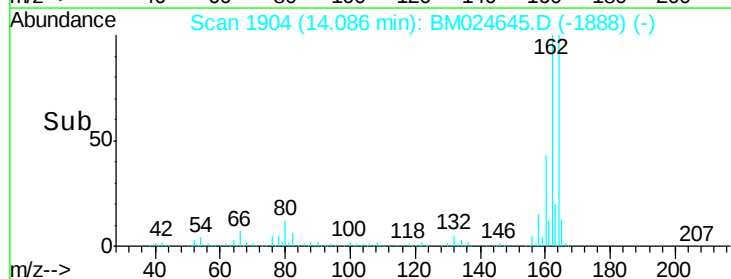
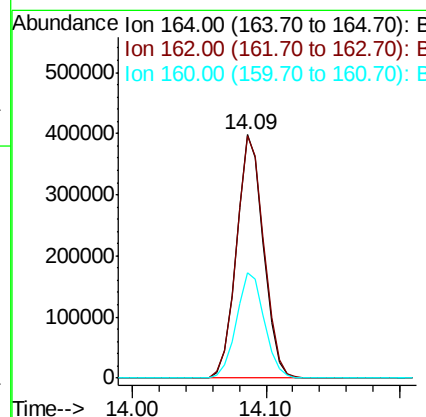
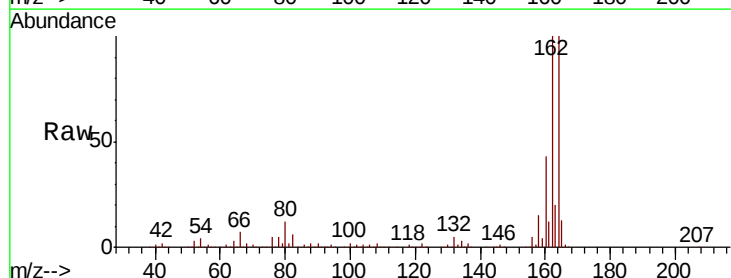
Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	48.8
54	41.8	34.8	52.2

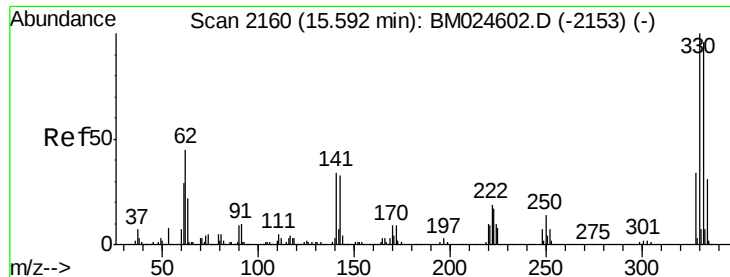


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM024645.D
 Acq: 29 Jan 2020 12:05

Tgt Ion: 164 Resp: 558811

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.9	124.3
160	43.1	35.5	53.3

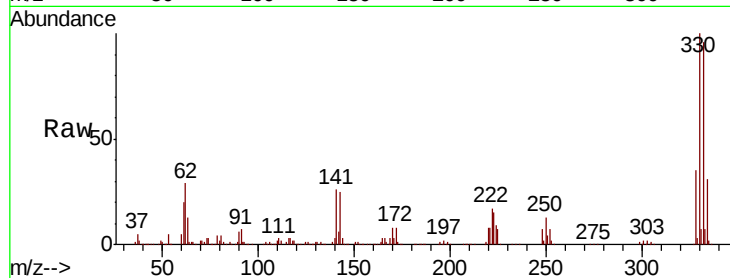




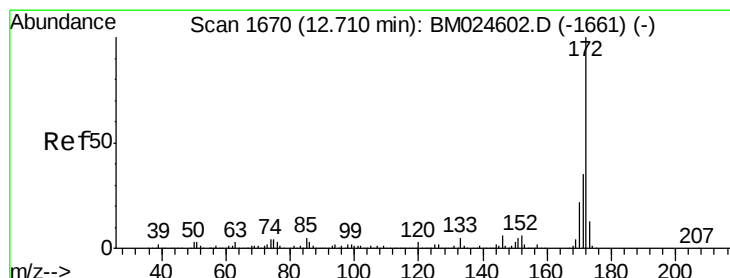
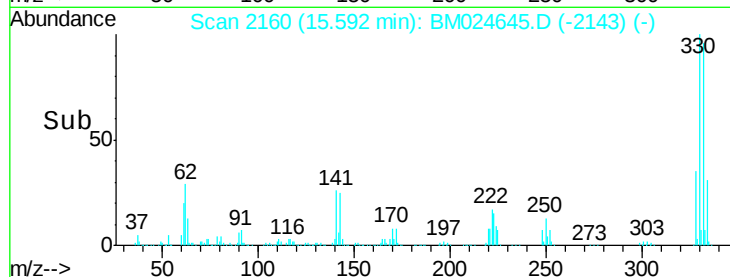
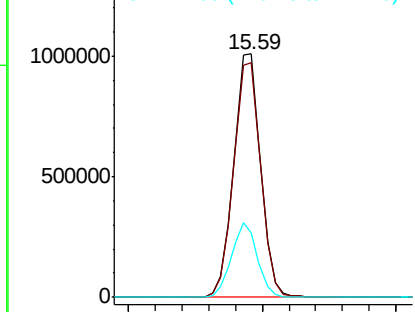
#42
 2,4,6-Tribromophenol
 Concen: 156.307 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024645.D
 Acq: 29 Jan 2020 12:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1420811
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.2 115.8
 141 29.5 26.9 40.3

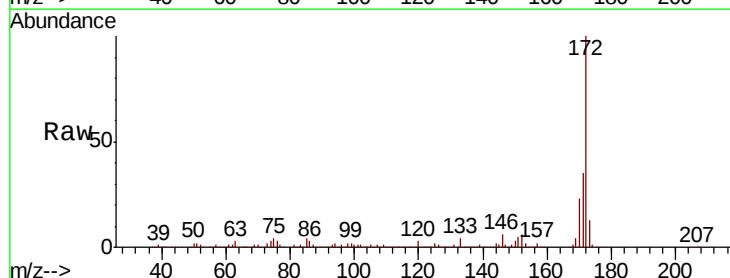


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

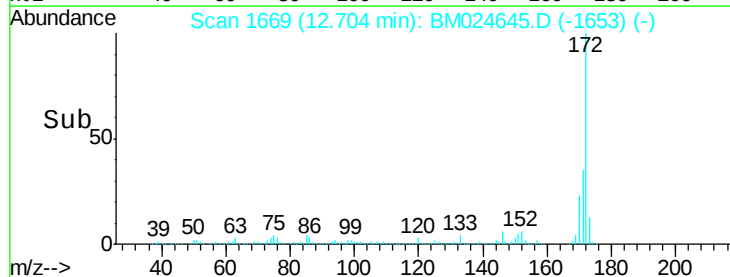
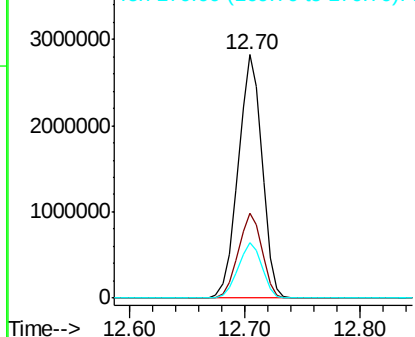


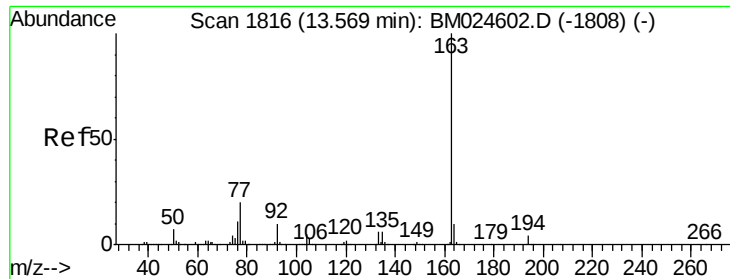
#45
 2-Fluorobiphenyl
 Concen: 98.277 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024645.D
 Acq: 29 Jan 2020 12:05

Tgt Ion:172 Resp: 4039584
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.0 17.9 26.9



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: 4.194 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024645.D

Acq: 29 Jan 2020 12:05

Instrument :

BNA_M

ClientSampleId :

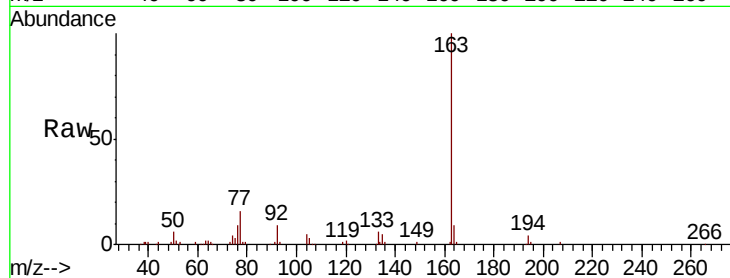
Tot Ion:163 Resp: 189499

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

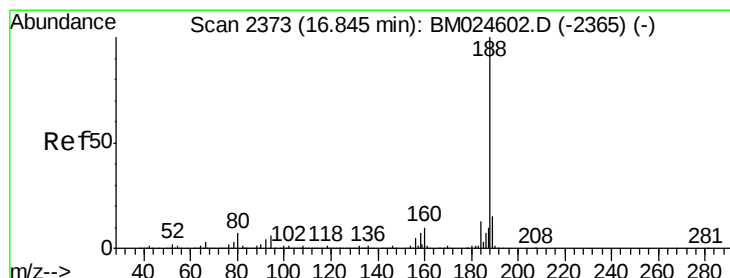
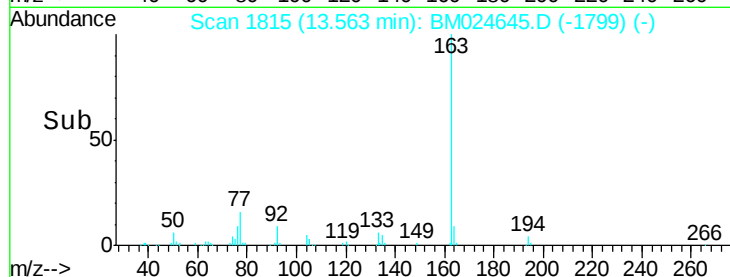
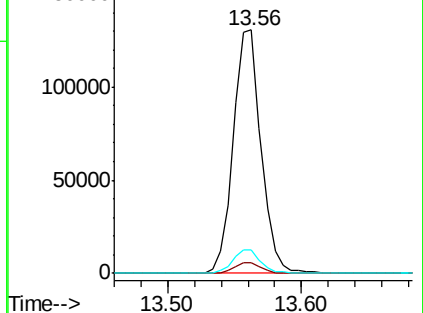
164 9.4 8.0 12.0



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: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024645.D

Acq: 29 Jan 2020 12:05

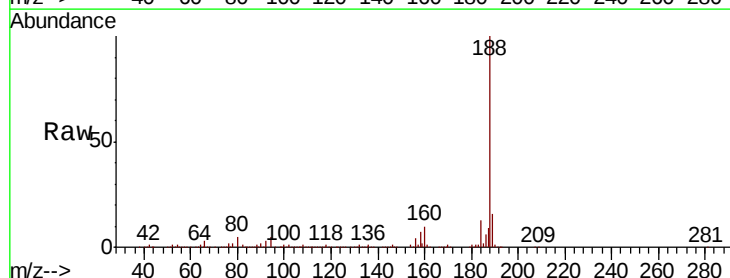
Tgt Ion:188 Resp: 1280786

Ion Ratio Lower Upper

188 100

94 5.1 5.0 7.6

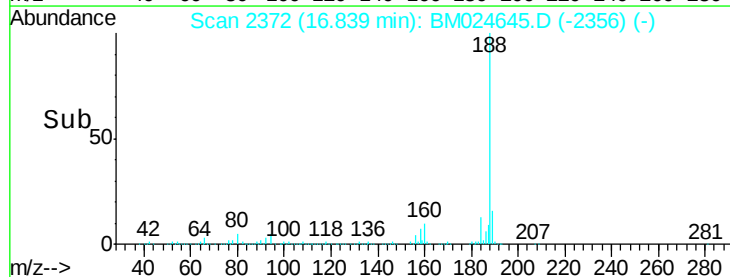
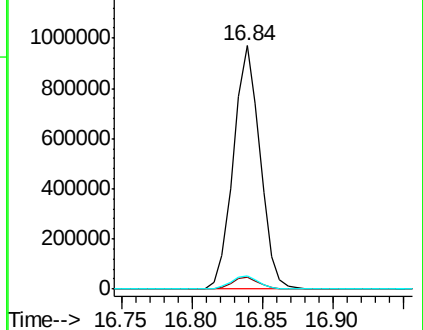
80 5.2 5.8 8.8#

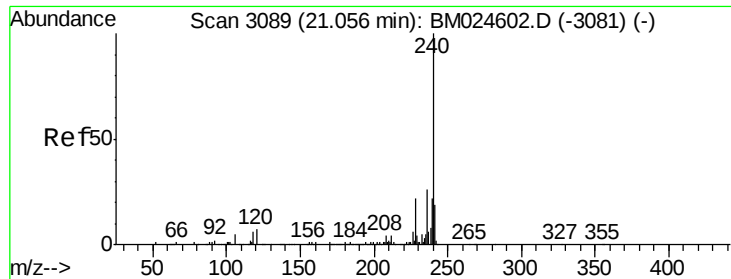


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

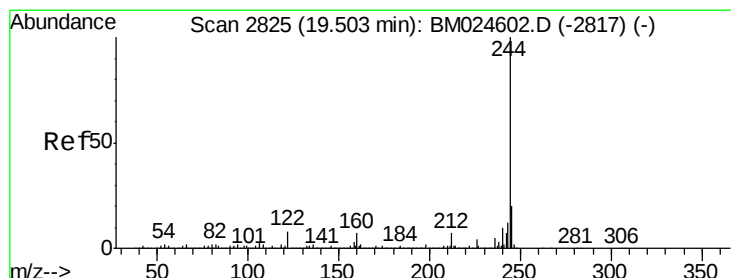
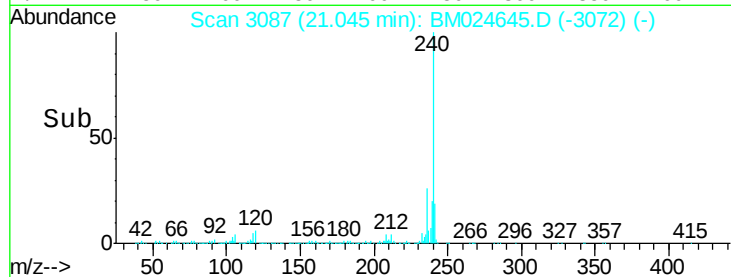
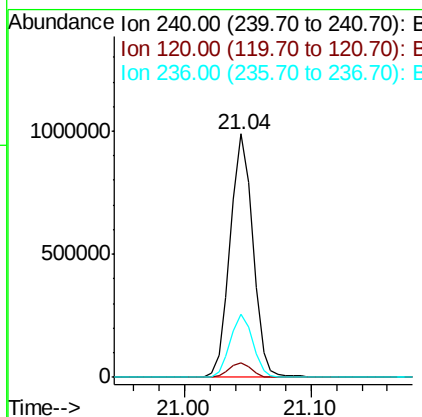
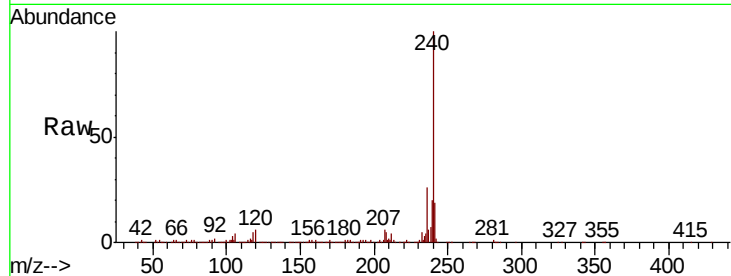




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM024645.D
Acq: 29 Jan 2020 12:05

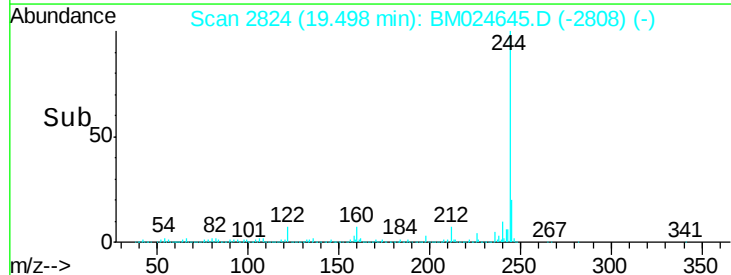
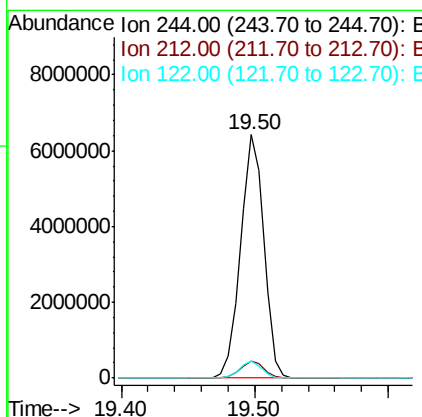
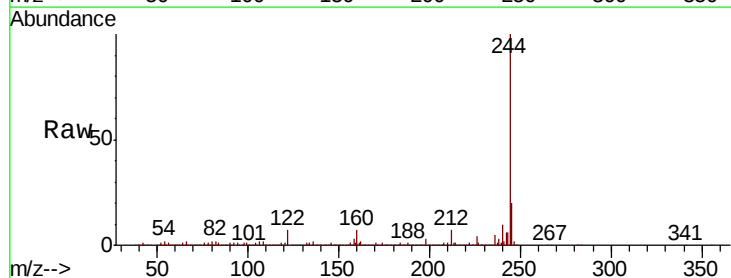
Instrument :
BNA_M
ClientSampleId :

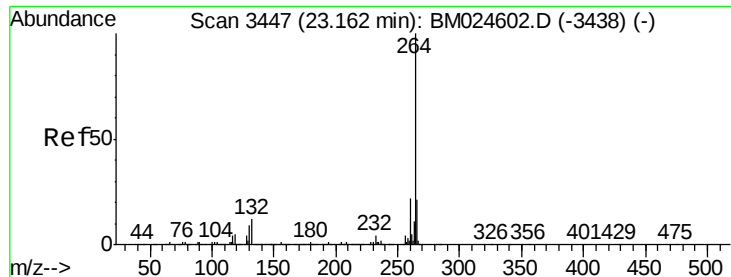
Tot Ion:240 Resp: 1224764
Ion Ratio Lower Upper
240 100
120 5.8 5.3 7.9
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 118.197 ng
RT: 19.50 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM024645.D
Acq: 29 Jan 2020 12:05

Tgt Ion:244 Resp: 7754221
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 7.1 6.2 9.4

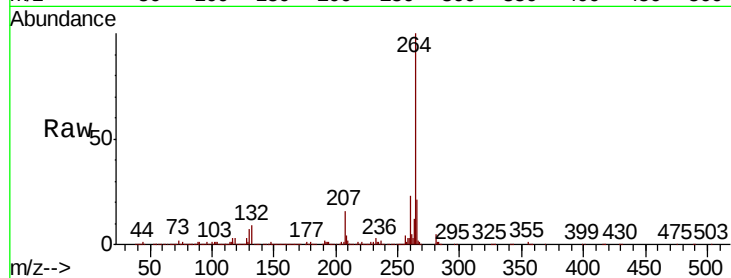




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.16 min Scan# 3446
 Delta R.T. -0.01 min
 Lab File: BM024645.D
 Acq: 29 Jan 2020 12:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1294323
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.9 26.9
 265 21.3 17.3 25.9



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

