

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
 Data File : BM024617.D
 Acq On : 24 Jan 2020 12:31
 Operator : CG/JU
 Sample : PB125860BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB125860BL

Quant Time: Jan 24 16:58:57 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	209305	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	833332	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	581671	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1370237	20.00	ng	0.00
76) Chrysene-d12	21.04	240	1461186	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1633829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1645744	149.53	ng	0.00
7) Phenol-d6	6.64	99	2179389	143.75	ng	0.00
23) Nitrobenzene-d5	8.58	82	1470493	86.54	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1220874	129.03	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3650269	85.32	ng	0.00
79) Terphenyl-d14	19.50	244	7676116	98.07	ng	0.00

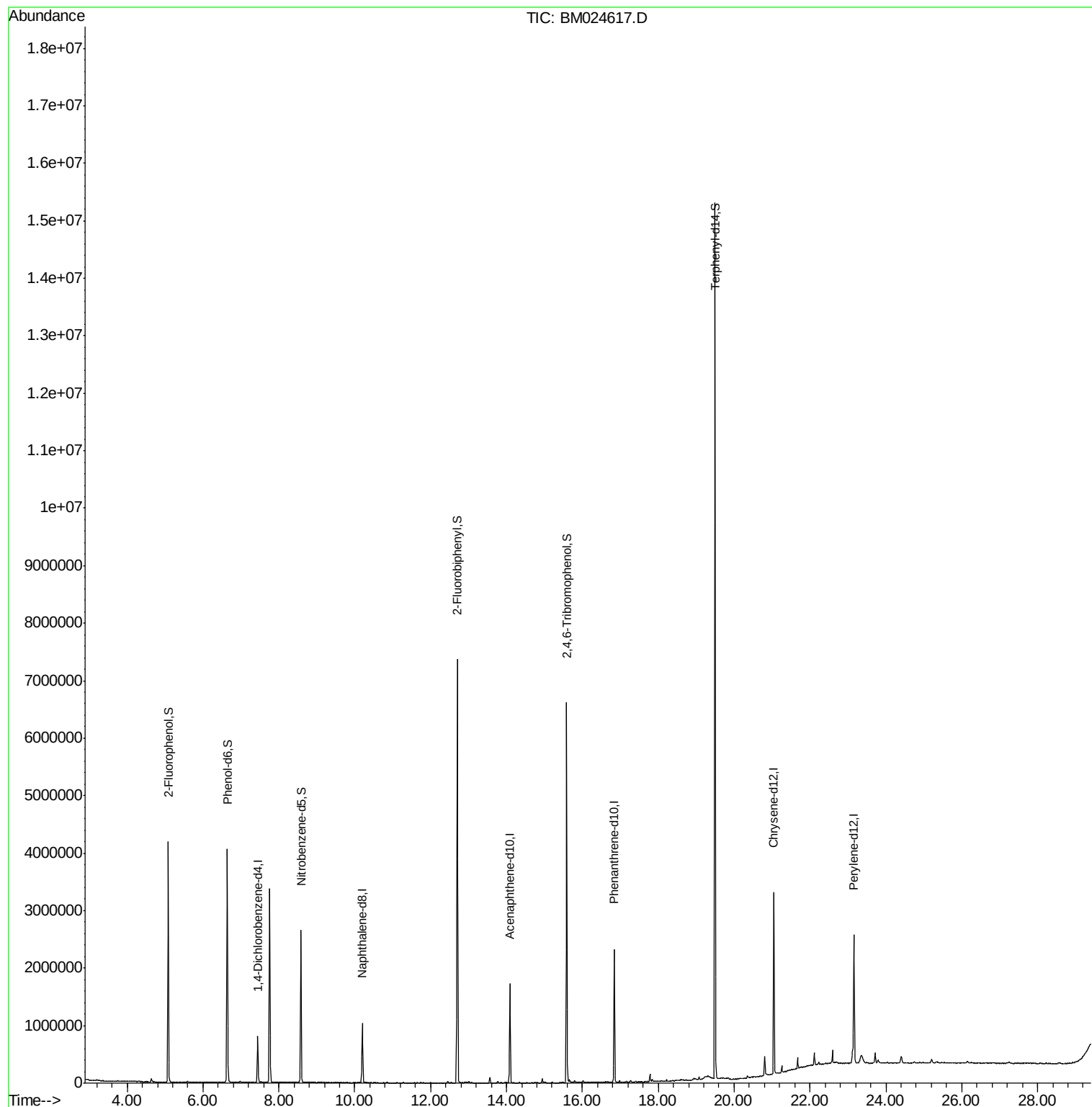
Target Compounds Qvalue

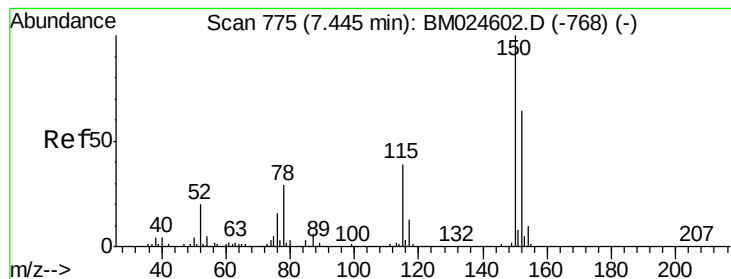
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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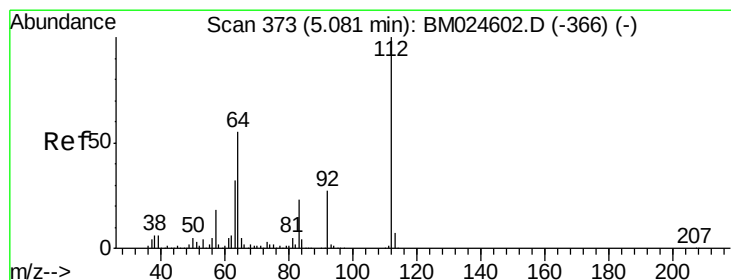
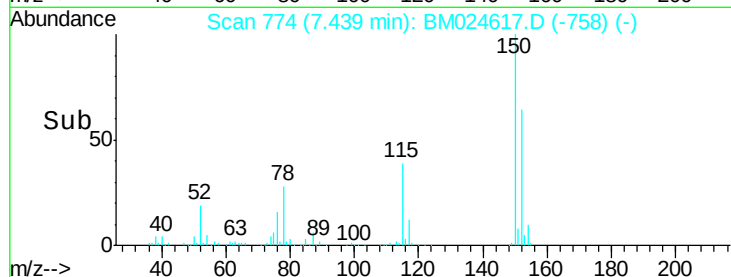
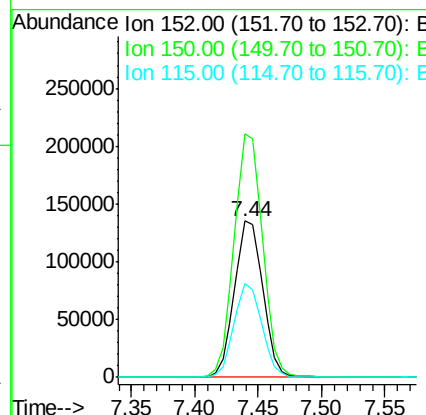
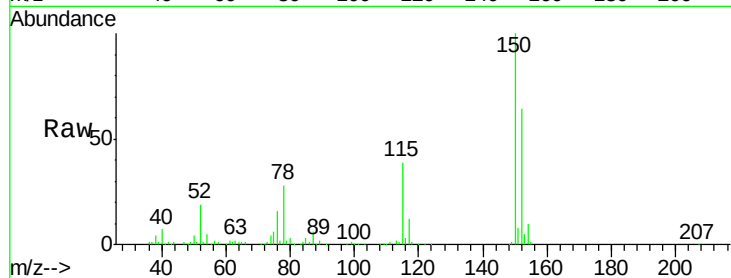


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024617.D
Acq: 24 Jan 2020 12:31

Instrument :
BNA_M
ClientSampled :
PB125860BL

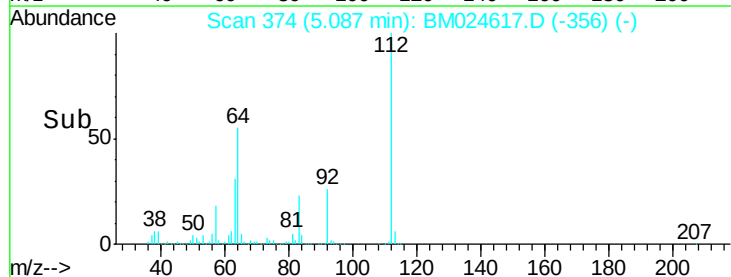
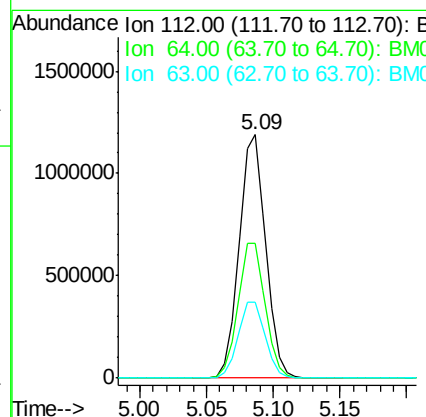
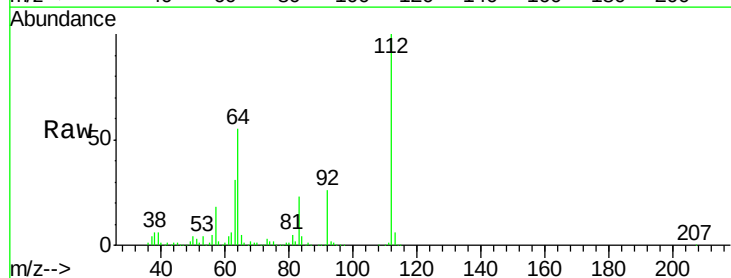
Tot Ion:152 Resp: 209305
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.4
115 60.3 48.6 72.8

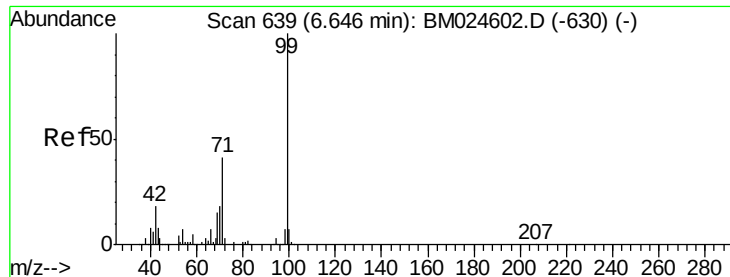


#5

2-Fluorophenol
Concen: 149.533 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024617.D
Acq: 24 Jan 2020 12:31

Tgt Ion:112 Resp: 1645744
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.4
63 31.4 25.9 38.9





#7

Phenol-d6

Concen: 143.746 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

Instrument :

BNA_M

ClientSampleId :

PB125860BL

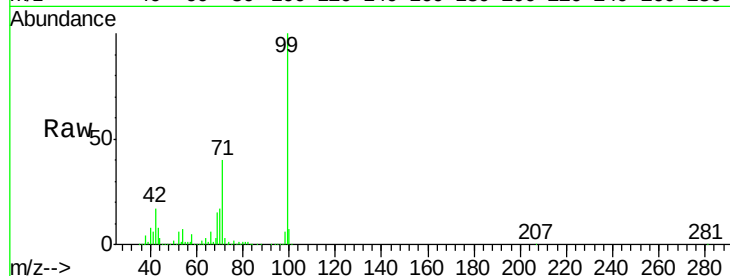
Tot Ion: 99 Resp: 2179389

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

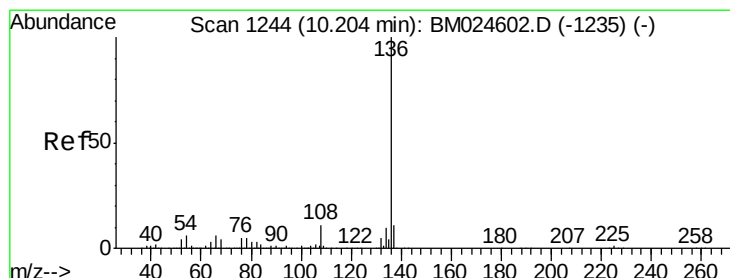
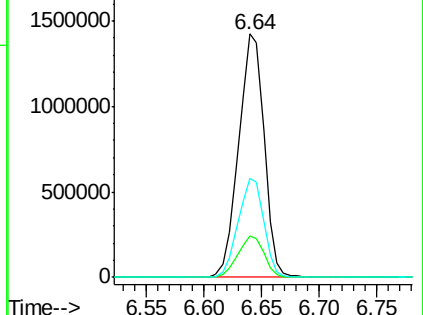
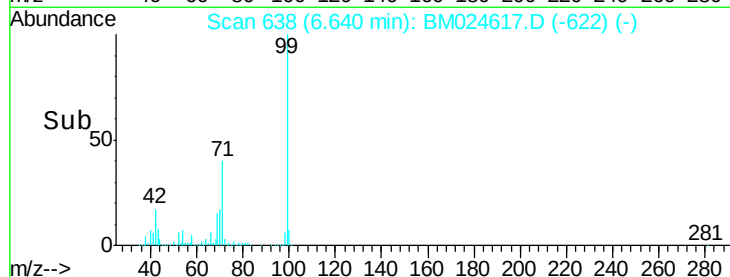
71 40.4 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024617.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024617.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024617.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

Tgt Ion: 136 Resp: 833332

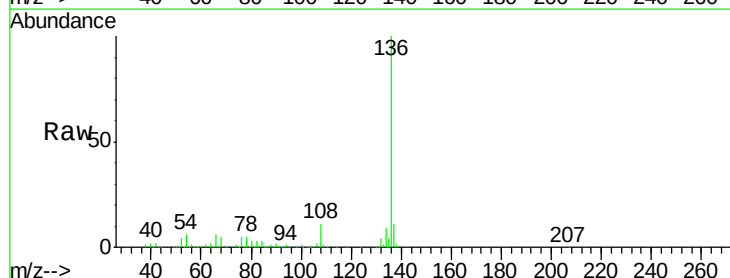
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.1 4.5 6.7

68 4.6 3.4 5.0

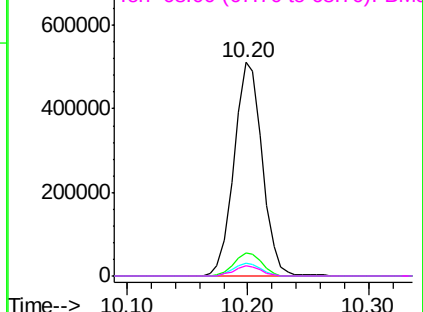
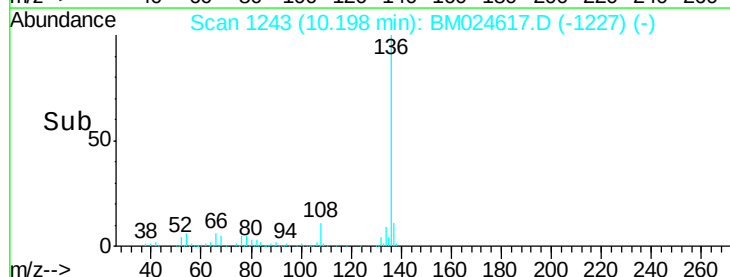


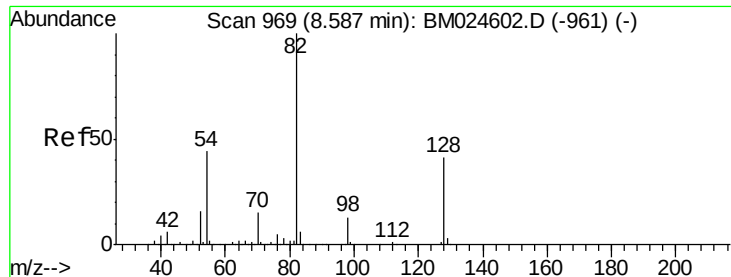
Abundance Ion 136.00 (135.70 to 136.70): BM024617.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024617.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024617.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024617.D (-1227) (-)



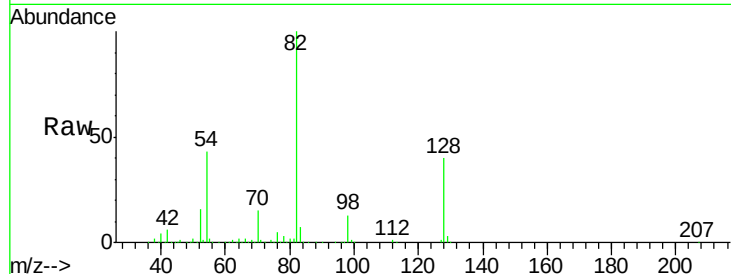


#23
 Nitrobenzene-d5
 Concen: 86.538 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024617.D
 Acq: 24 Jan 2020 12:31

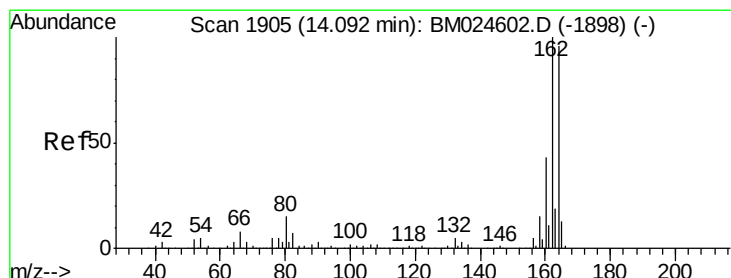
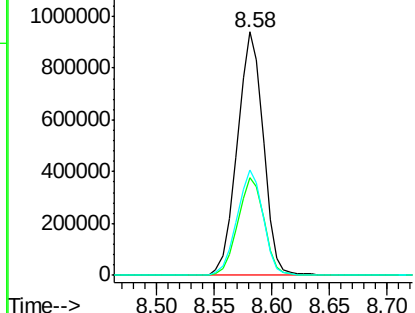
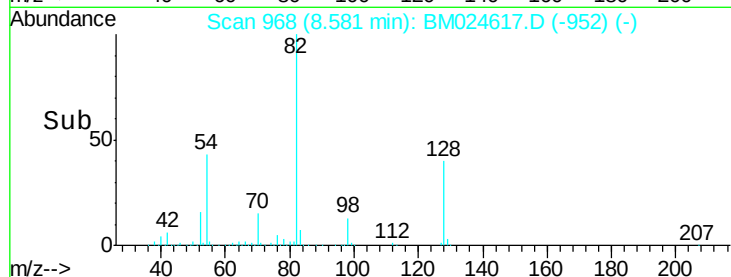
Instrument :
 BNA_M
 ClientSampleId :
 PB125860BL

Tot Ion: 82 Resp: 1470493

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	48.8
54	43.4	34.8	52.2



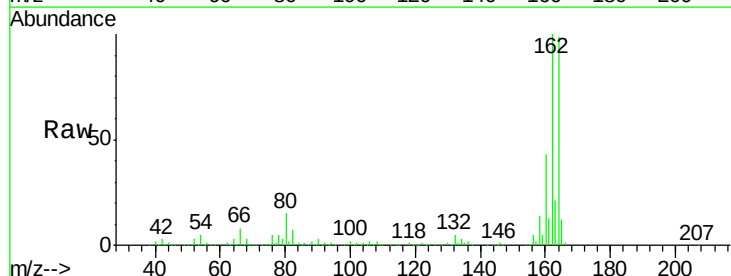
Abundance Ion 82.00 (81.70 to 82.70): BM024617.D (-952) (-)
 Ion 128.00 (127.70 to 128.70): BM024617.D (-952) (-)
 Ion 54.00 (53.70 to 54.70): BM024617.D (-952) (-)



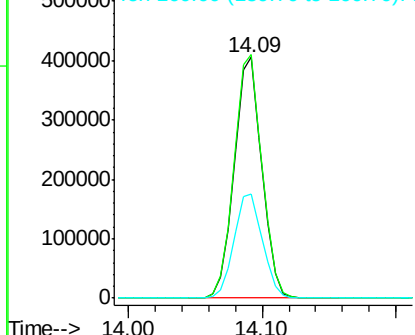
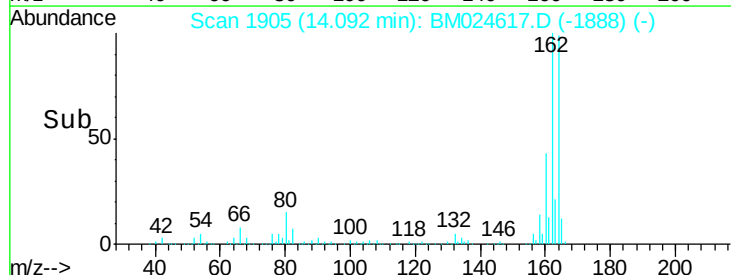
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BM024617.D
 Acq: 24 Jan 2020 12:31

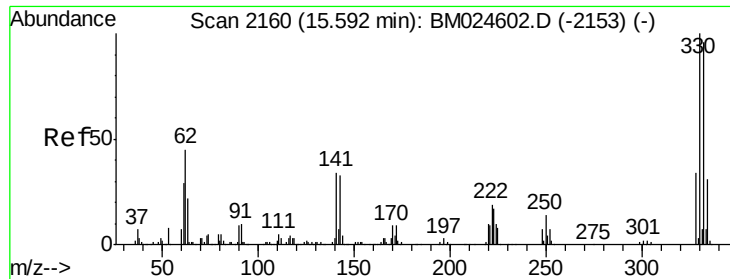
Tgt Ion:164 Resp: 581671

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.9	124.3
160	43.1	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): BM024617.D (-1888) (-)
 Ion 162.00 (161.70 to 162.70): BM024617.D (-1888) (-)
 Ion 160.00 (159.70 to 160.70): BM024617.D (-1888) (-)





#42

2,4,6-Tribromophenol

Concen: 129.033 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

Instrument :

BNA_M

ClientSampleId :

PB125860BL

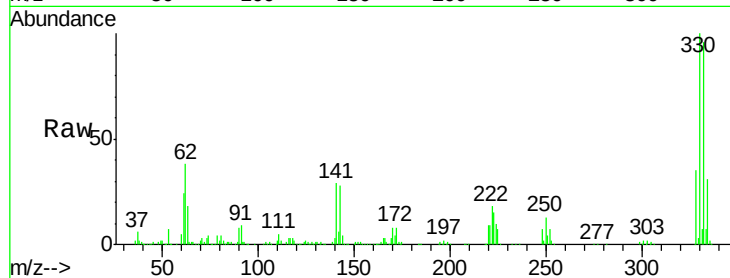
Tot Ion:330 Resp: 1220874

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

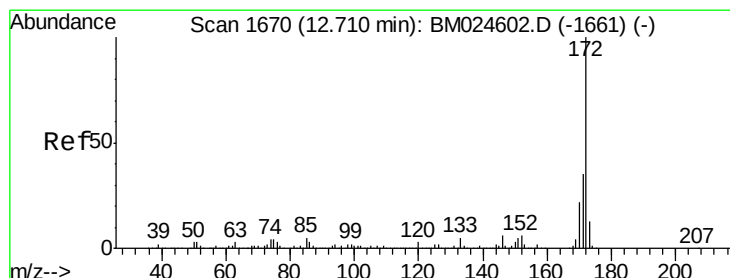
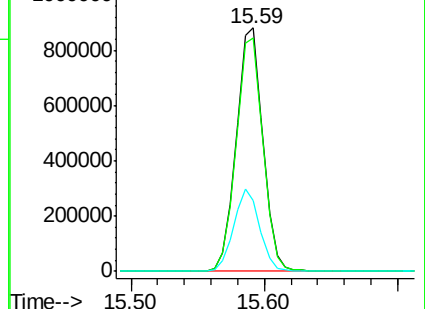
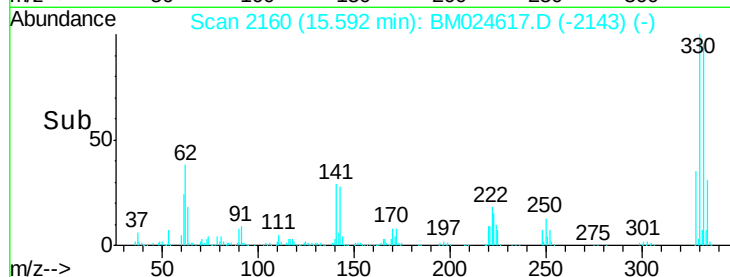
141 33.3 26.9 40.3



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: 85.315 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

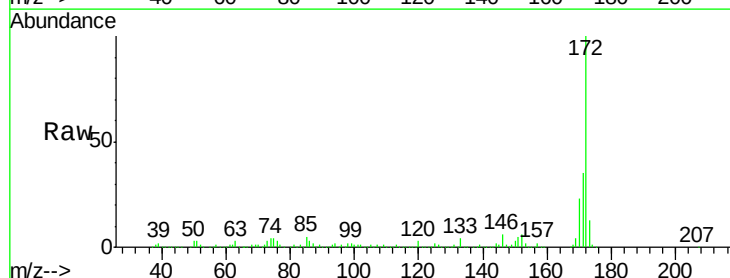
Tgt Ion:172 Resp: 3650269

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

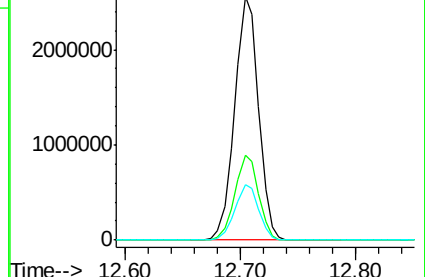
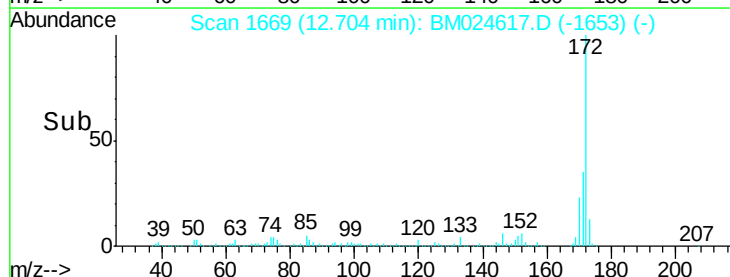
170 22.9 17.9 26.9

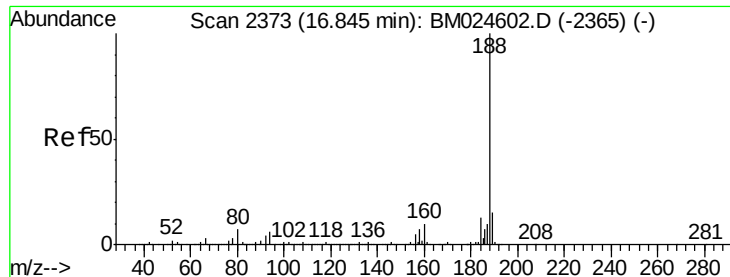


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

Instrument :

BNA_M

ClientSampleId :

PB125860BL

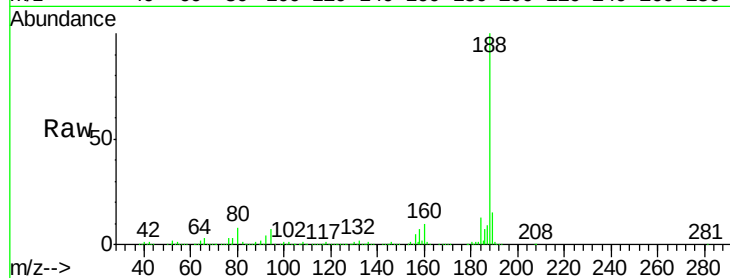
Tot Ion:188 Resp: 1370237

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.6

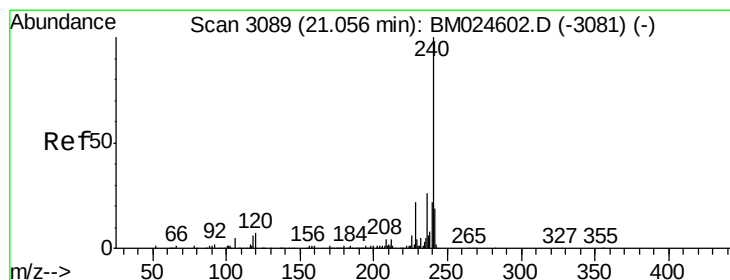
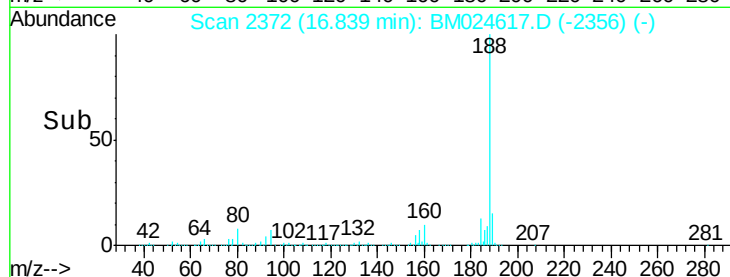
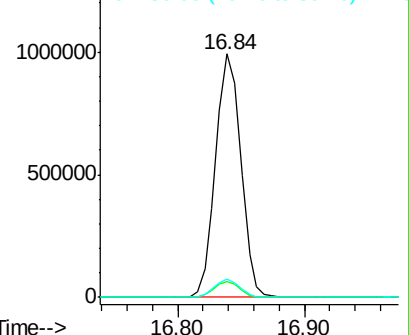
80 7.6 5.8 8.8



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: BM024617.D

Acq: 24 Jan 2020 12:31

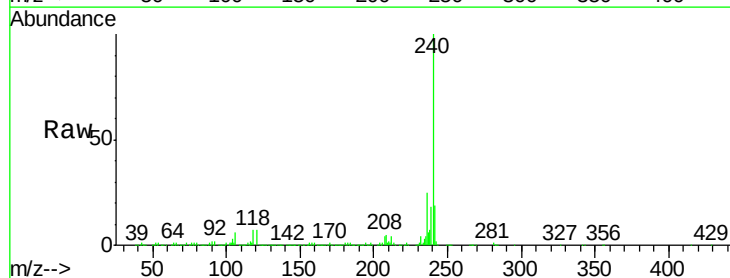
Tgt Ion:240 Resp: 1461186

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

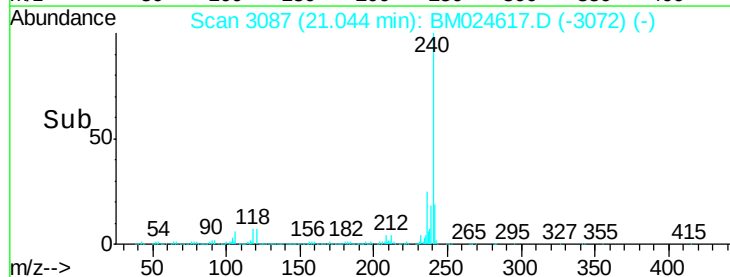
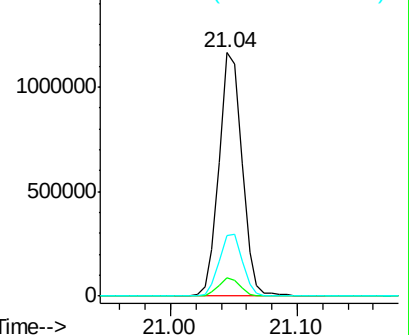
236 25.0 20.6 31.0

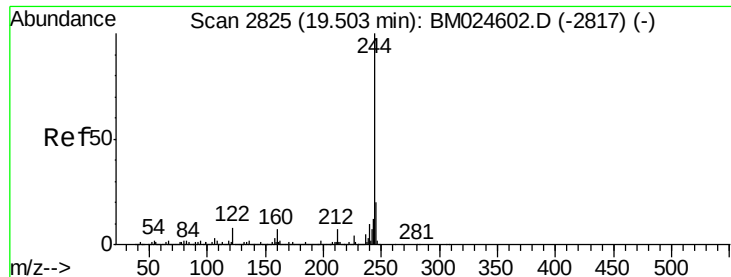


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.075 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

Instrument :

BNA_M

ClientSampleId :

PB125860BL

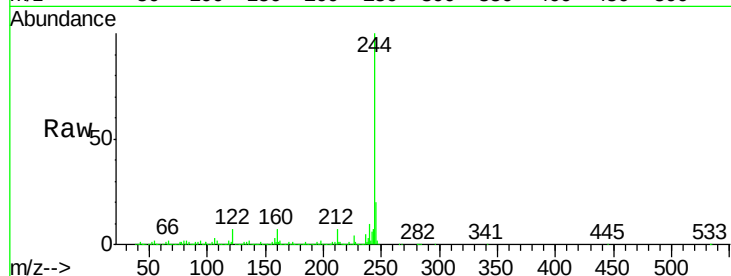
Tot Ion:244 Resp: 7676116

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 7.2 6.2 9.4



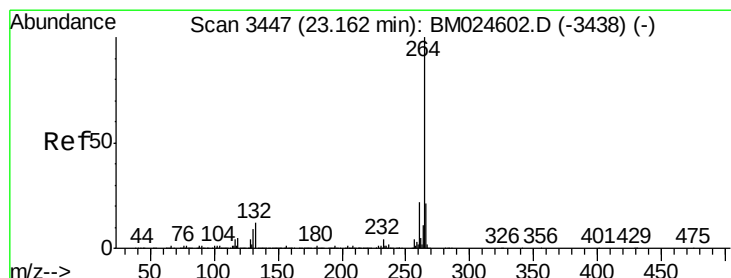
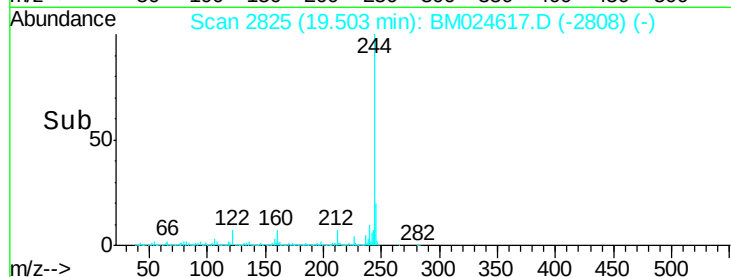
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.50

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. -0.00 min

Lab File: BM024617.D

Acq: 24 Jan 2020 12:31

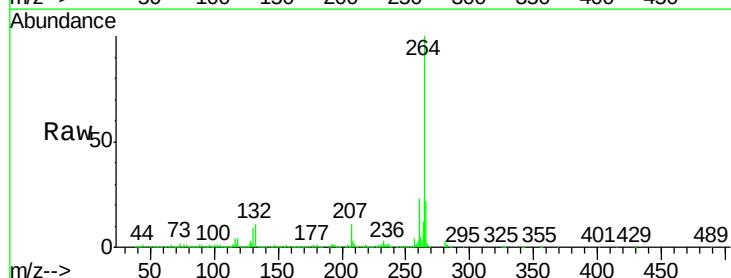
Tgt Ion:264 Resp: 1633829

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.6 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

23.16

Time-->

