

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024628.D
 Acq On : 27 Jan 2020 15:15
 Operator : CG/JU
 Sample : PB126361BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BL

Quant Time: Jan 28 05:35:27 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	244624	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	875139	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	585756	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1238328	20.00	ng	0.00
76) Chrysene-d12	21.05	240	977880	20.00	ng	0.00
87) Perylene-d12	23.16	264	961117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1923443	149.53	ng	0.00
7) Phenol-d6	6.64	99	2297163	129.64	ng	0.00
23) Nitrobenzene-d5	8.58	82	1482641	83.08	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1288135	135.19	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4073769	94.55	ng	0.00
79) Terphenyl-d14	19.50	244	6294125	120.16	ng	0.00

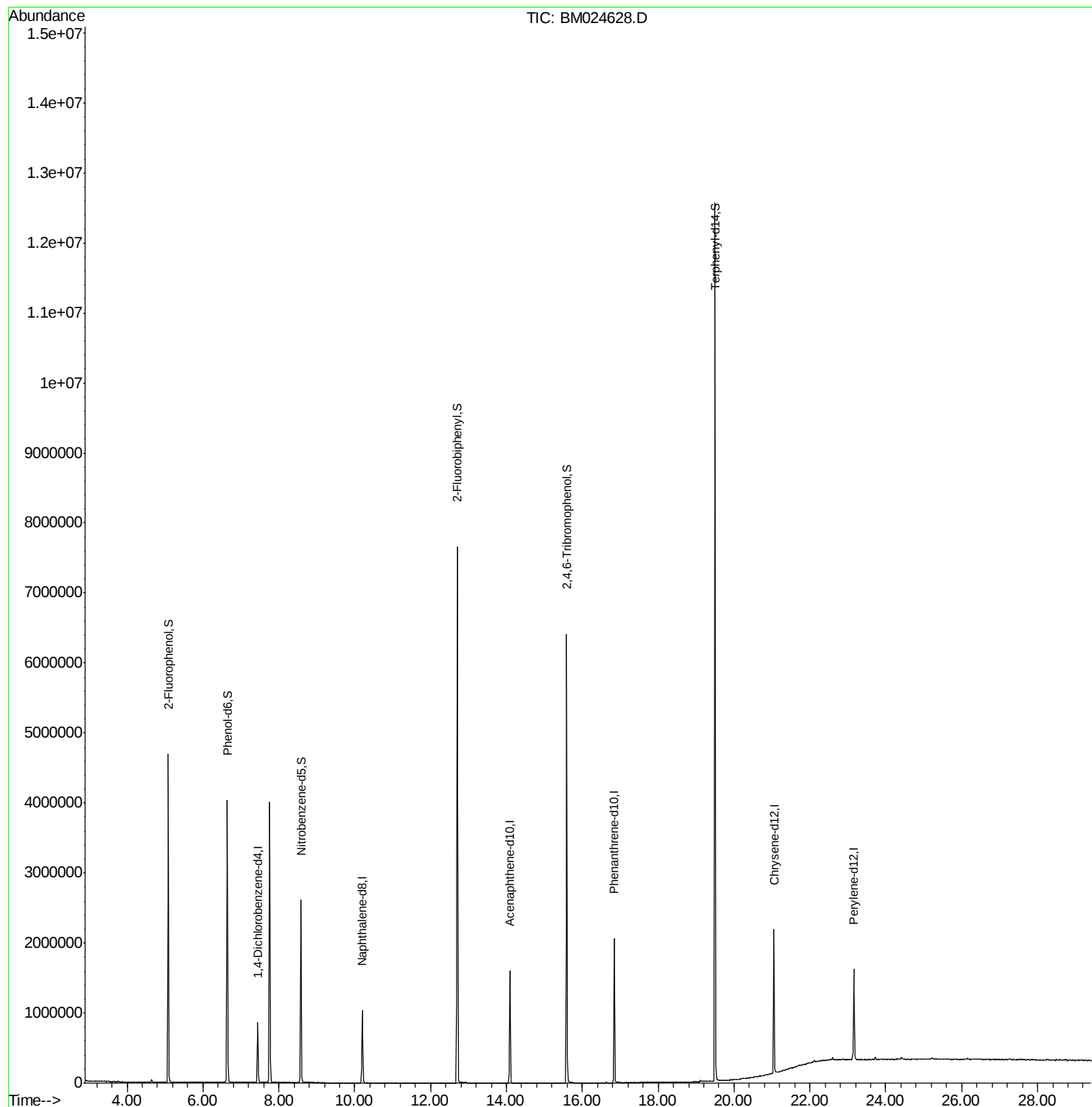
Target Compounds Qvalue

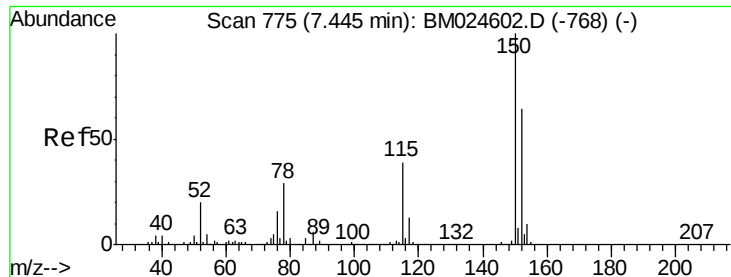
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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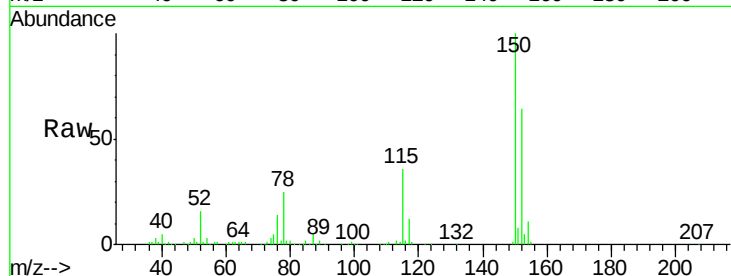


#1

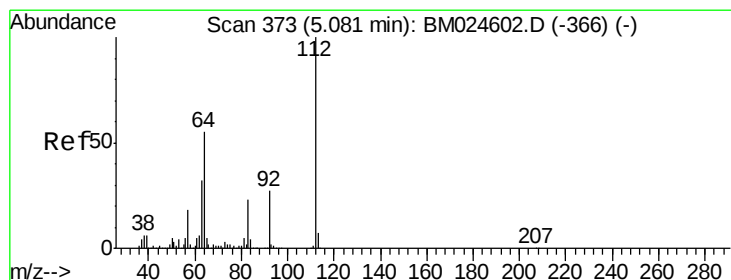
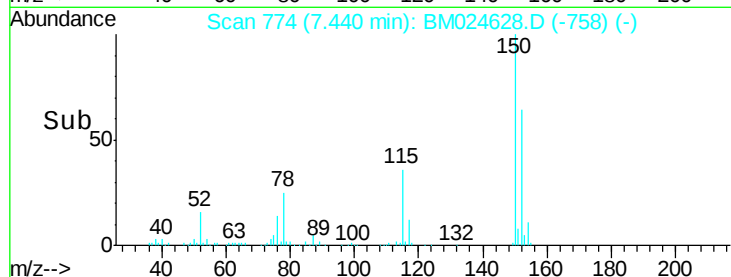
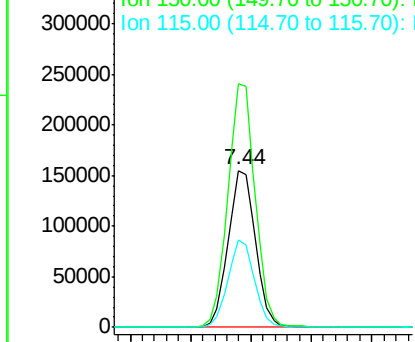
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024628.D
Acq: 27 Jan 2020 15:15

Instrument :
BNA_M
ClientSampleId :
PB126361BL

Tot Ion:152 Resp: 244624
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 55.5 48.6 72.8



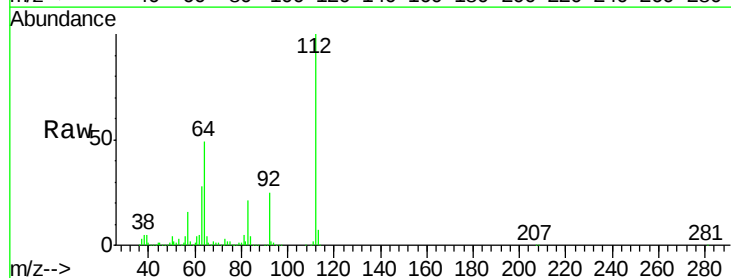
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



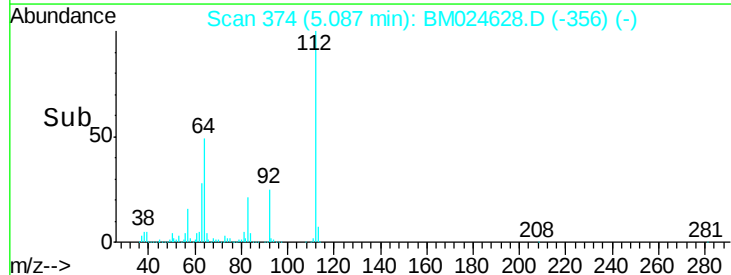
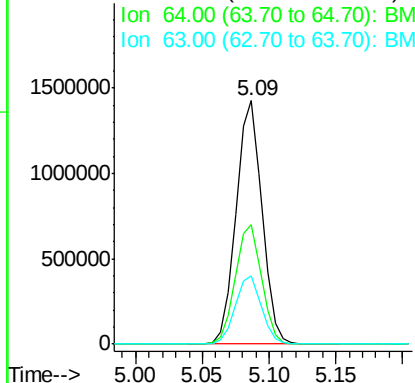
#5

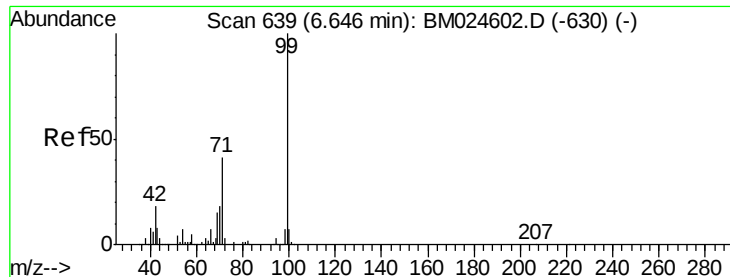
2-Fluorophenol
Concen: 149.533 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024628.D
Acq: 27 Jan 2020 15:15

Tgt Ion:112 Resp: 1923443
Ion Ratio Lower Upper
112 100
64 49.3 44.2 66.4
63 27.9 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 129.639 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024628.D

Acq: 27 Jan 2020 15:15

Instrument :

BNA_M

ClientSampleId :

PB126361BL

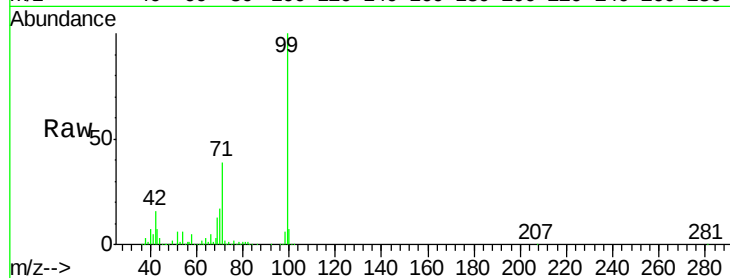
Tot Ion: 99 Resp: 2297163

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

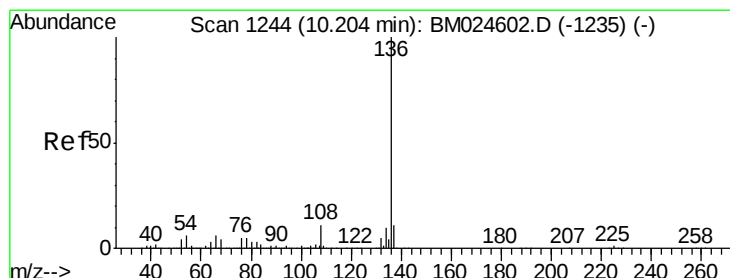
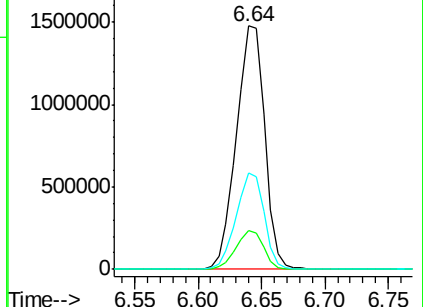
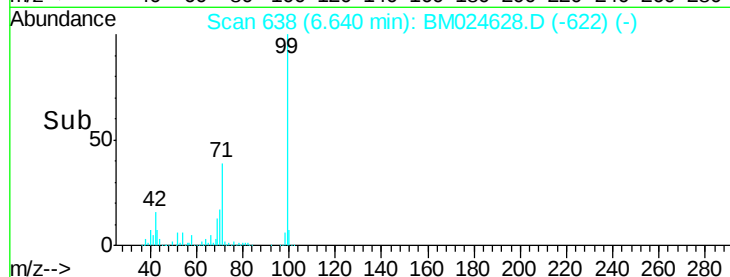
71 39.5 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024628.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024628.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024628.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024628.D

Acq: 27 Jan 2020 15:15

Tgt Ion: 136 Resp: 875139

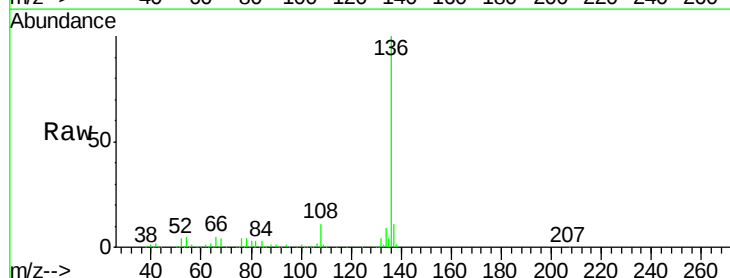
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 4.8 4.5 6.7

68 3.9 3.4 5.0

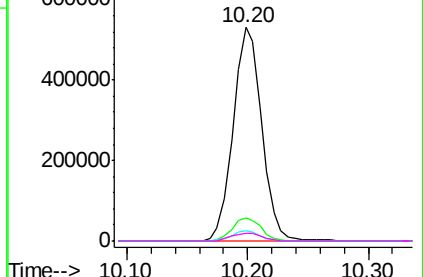
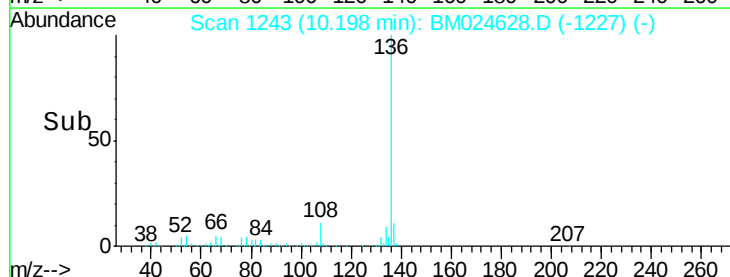


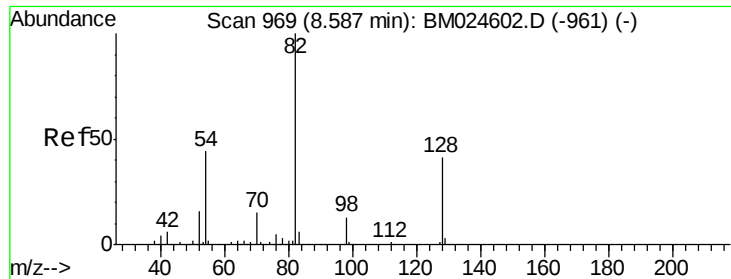
Abundance Ion 136.00 (135.70 to 136.70): BM024628.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024628.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024628.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024628.D (-1227) (-)

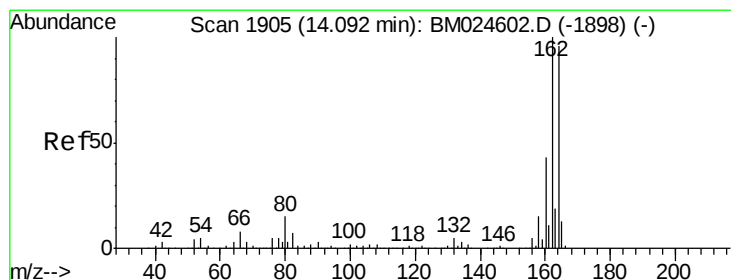
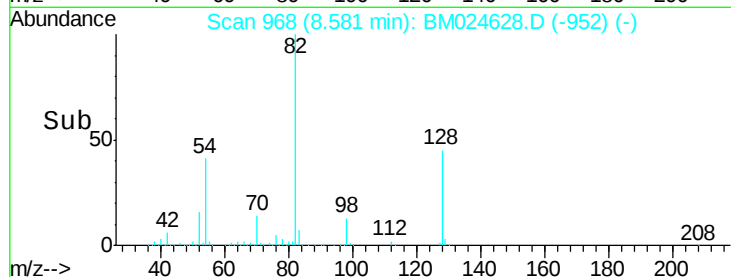
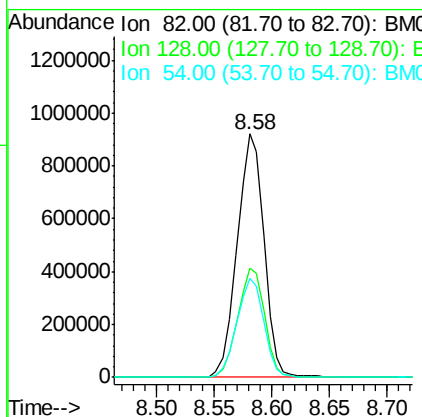
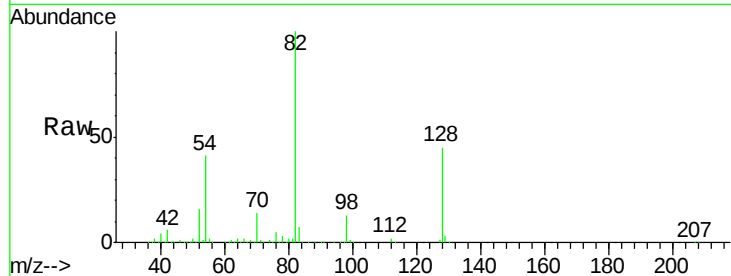




#23
Nitrobenzene-d5
Concen: 83.085 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024628.D
Acq: 27 Jan 2020 15:15

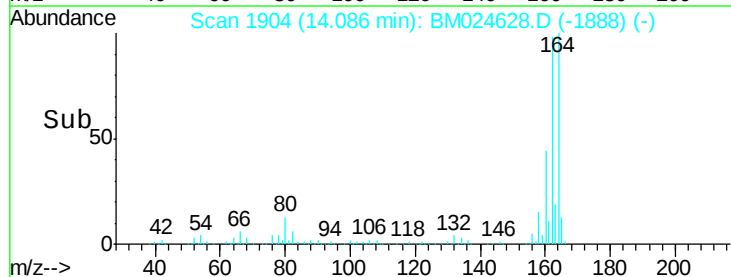
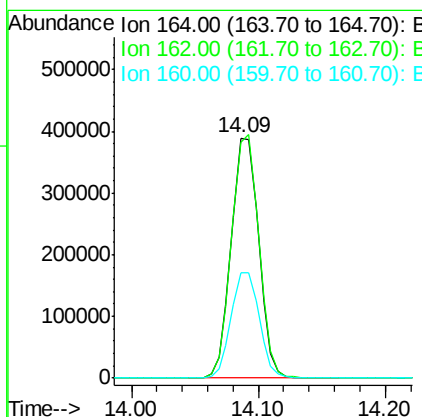
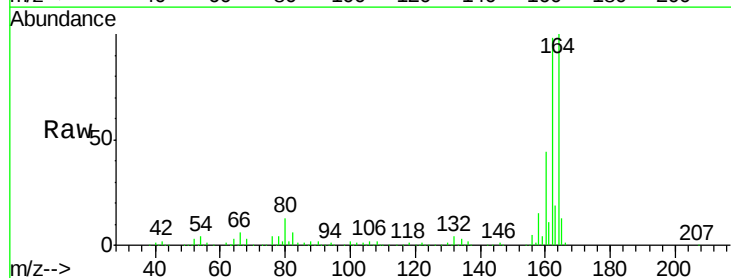
Instrument :
BNA_M
ClientSampleId :
PB126361BL

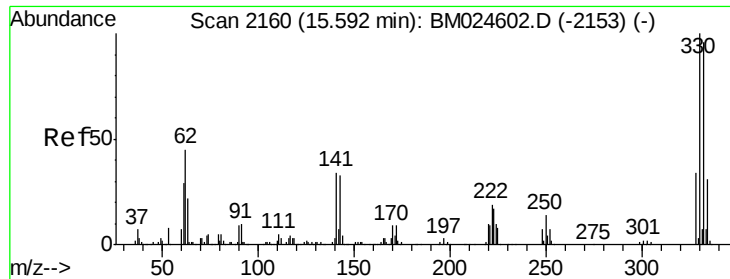
Tot Ion: 82 Resp: 1482641
Ion Ratio Lower Upper
82 100
128 45.0 32.6 48.8
54 40.9 34.8 52.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM024628.D
Acq: 27 Jan 2020 15:15

Tgt Ion:164 Resp: 585756
Ion Ratio Lower Upper
164 100
162 98.5 82.9 124.3
160 43.8 35.5 53.3

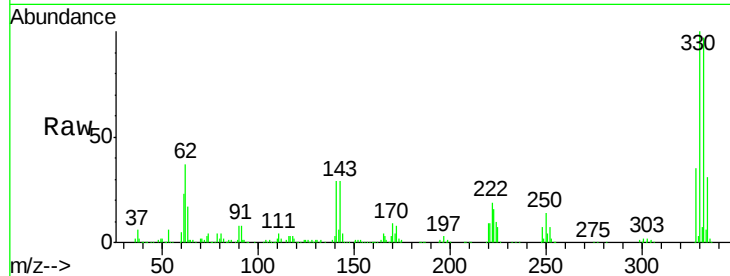




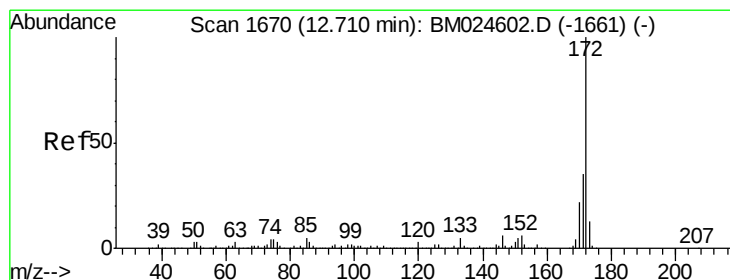
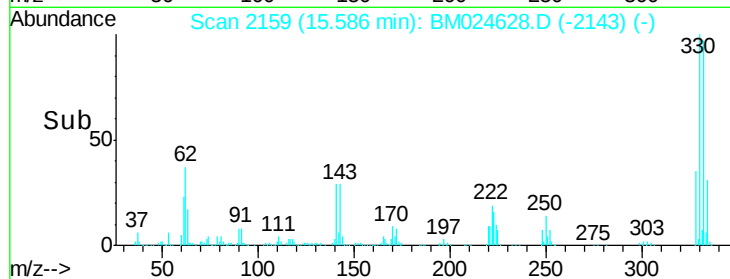
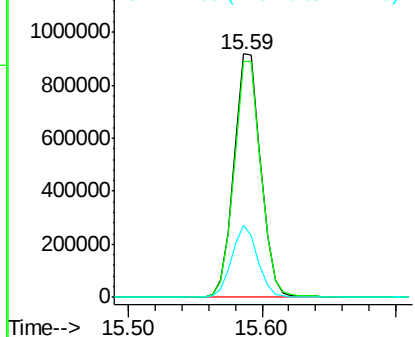
#42
 2,4,6-Tribromophenol
 Concen: 135.192 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM024628.D
 Acq: 27 Jan 2020 15:15

Instrument :
 BNA_M
 ClientSampleId :
 PB126361BL

Tot Ion:330 Resp: 1288135
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.2 115.8
 141 28.6 26.9 40.3

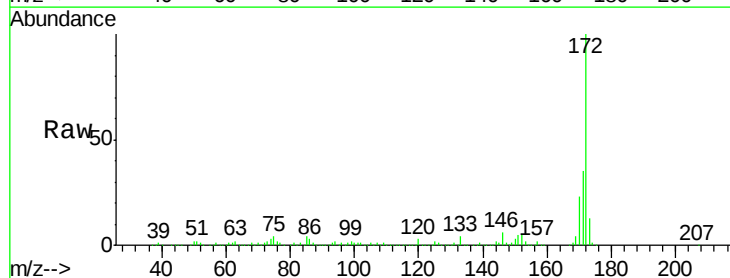


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

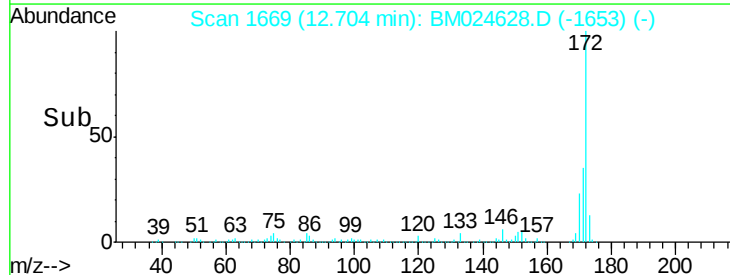
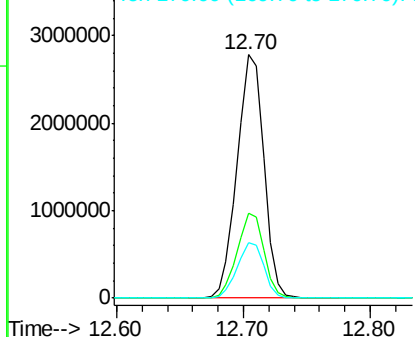


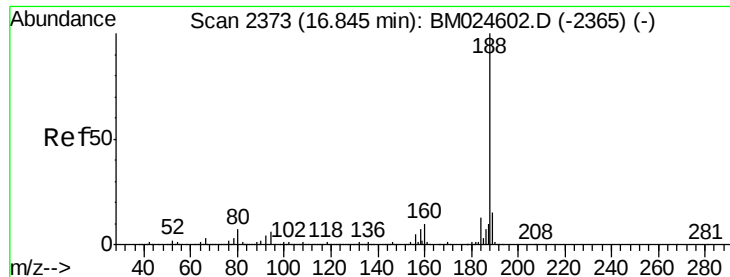
#45
 2-Fluorobiphenyl
 Concen: 94.550 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024628.D
 Acq: 27 Jan 2020 15:15

Tgt Ion:172 Resp: 4073769
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 22.6 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: BM024628.D

Acq: 27 Jan 2020 15:15

Instrument :

BNA_M

ClientSampleId :

PB126361BL

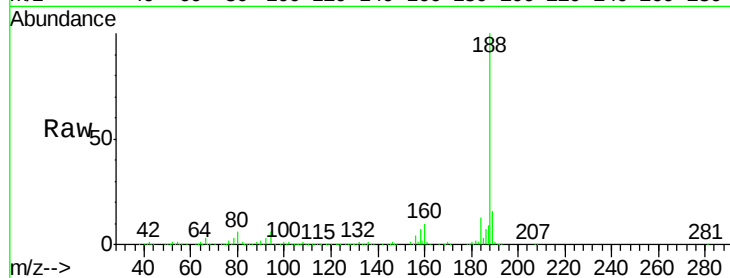
Tot Ion:188 Resp: 1238328

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.6

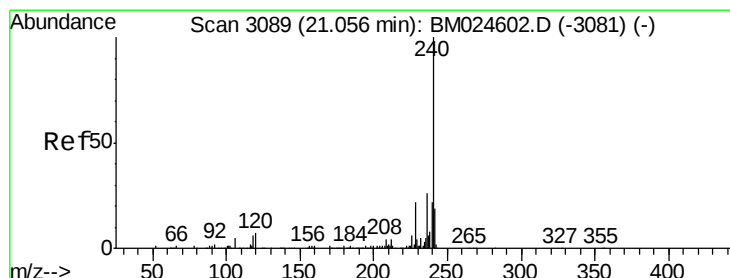
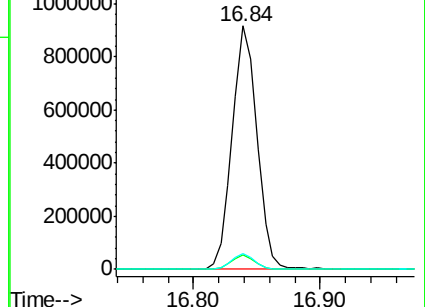
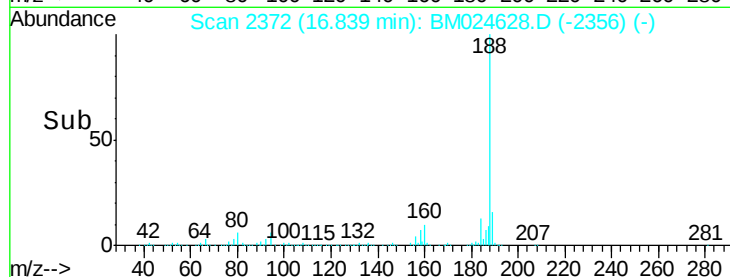
80 6.2 5.8 8.8



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024628.D

Acq: 27 Jan 2020 15:15

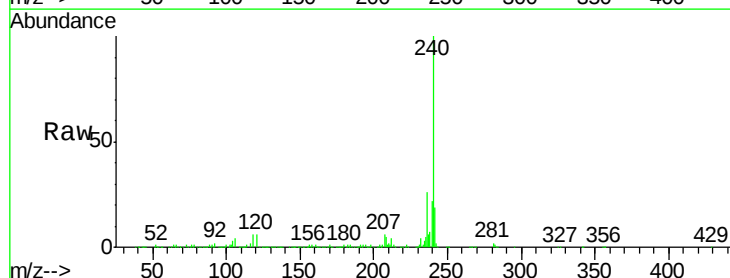
Tgt Ion:240 Resp: 977880

Ion Ratio Lower Upper

240 100

120 5.8 5.3 7.9

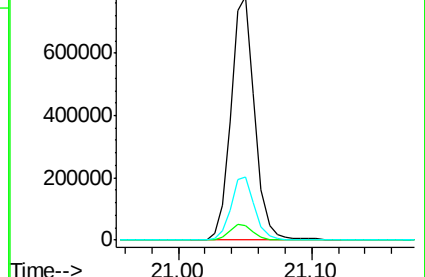
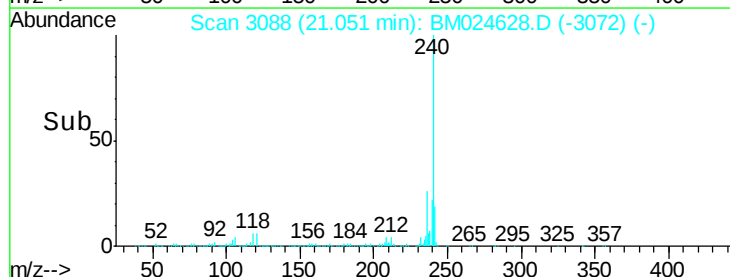
236 25.7 20.6 31.0

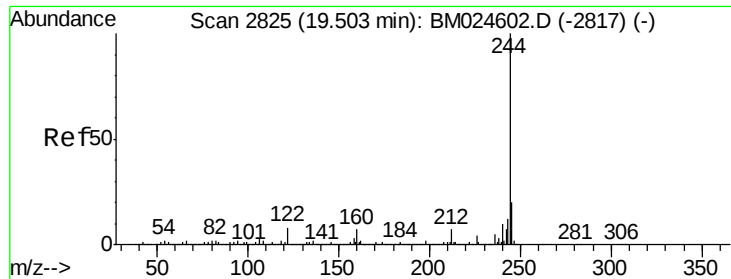


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 120.163 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024628.D

Acq: 27 Jan 2020 15:15

Instrument :

BNA_M

ClientSampleId :

PB126361BL

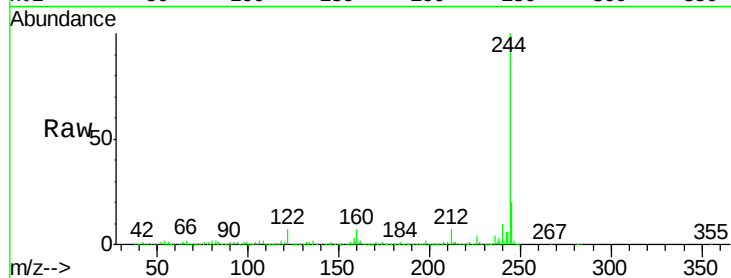
Tot Ion:244 Resp: 6294125

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

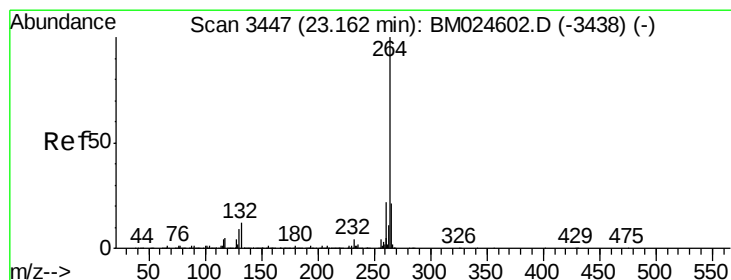
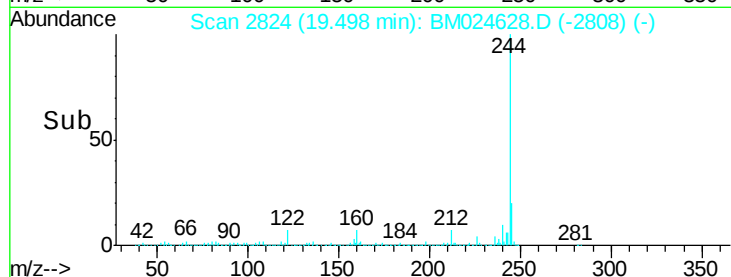
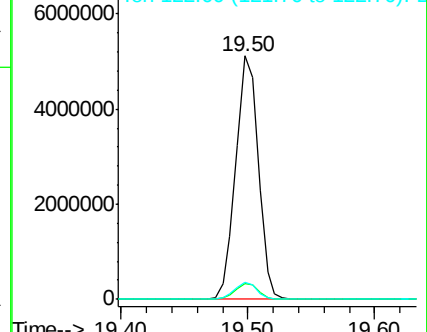
122 7.0 6.2 9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM024628.D

Acq: 27 Jan 2020 15:15

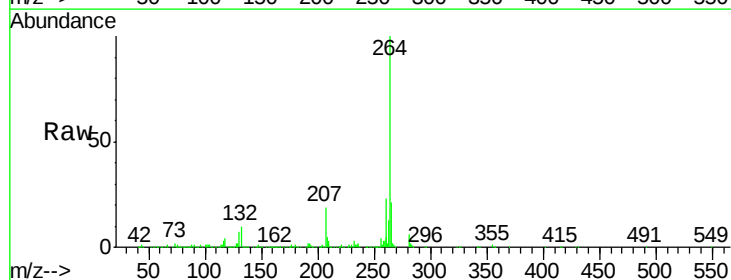
Tgt Ion:264 Resp: 961117

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.2 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

