

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024610.D
 Acq On : 23 Jan 2020 16:33
 Operator : CG/JU
 Sample : PB125838BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB125838BL

Quant Time: Jan 23 17:15:41 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	7.45	152	208164	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	807689	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	562350	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1309820	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1345847	20.00	ng	0.00
87) Perylene-d12	23.16	264	1458521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1577589	144.13	ng	0.00
7) Phenol-d6	6.65	99	2048152	135.83	ng	0.00
23) Nitrobenzene-d5	8.58	82	1402942	85.18	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1211850	132.48	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3576606	86.47	ng	0.00
79) Terphenyl-d14	19.50	244	7388817	102.49	ng	0.00

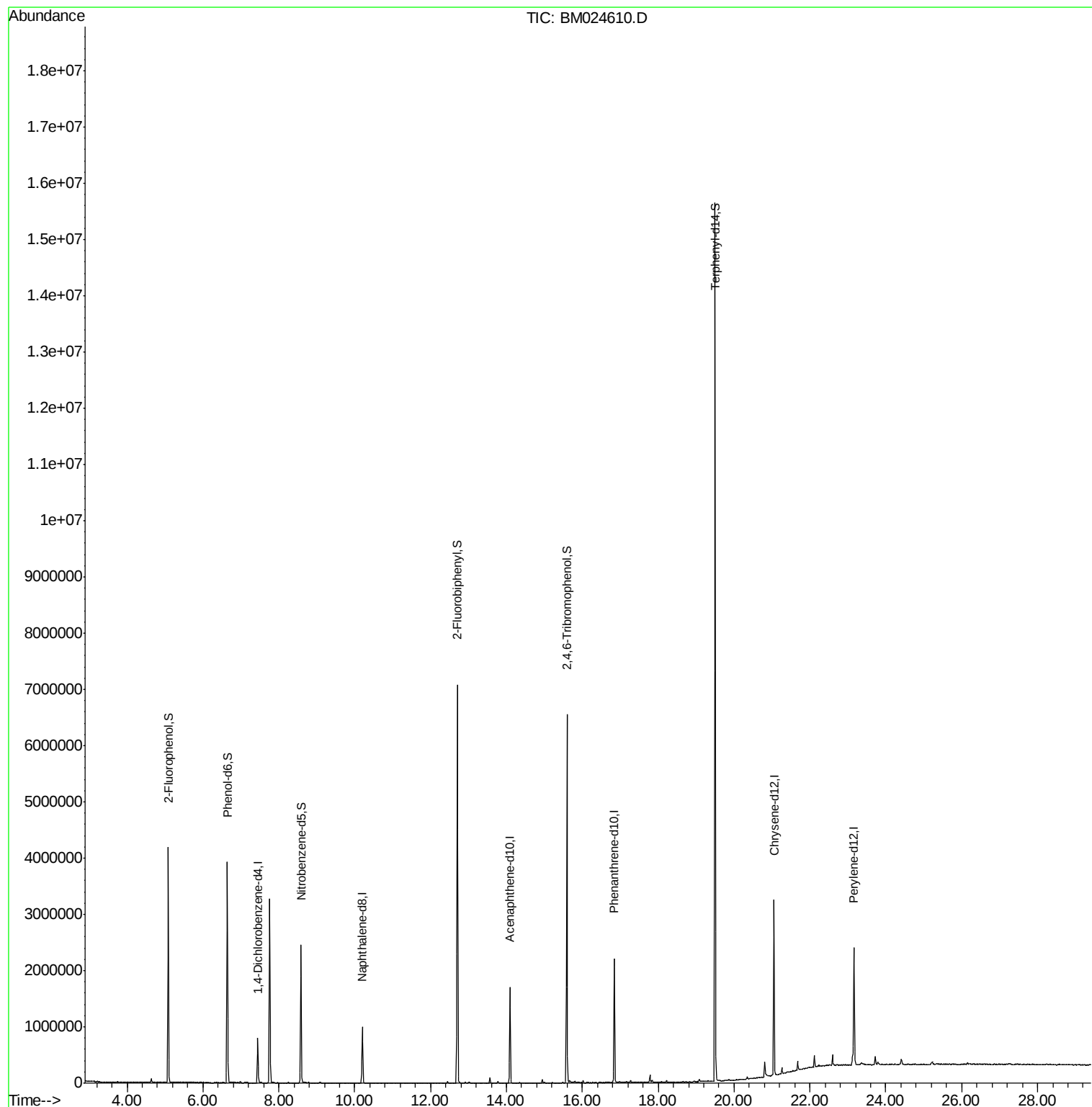
Target Compounds Qvalue

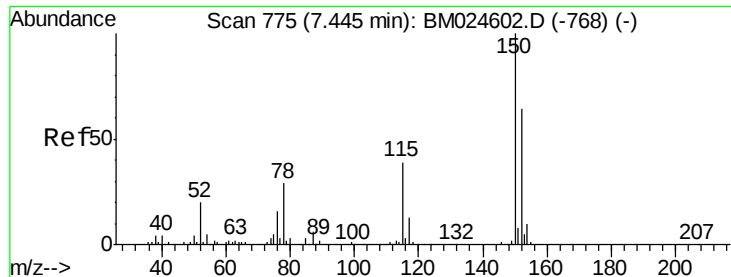
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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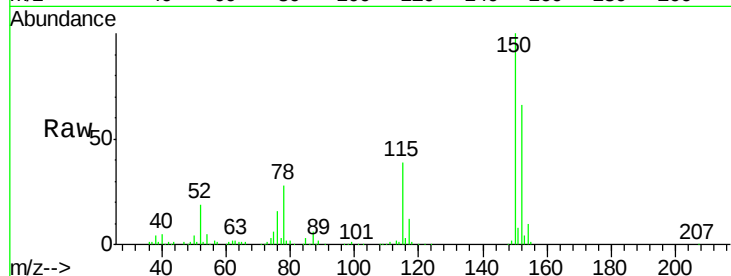


#1

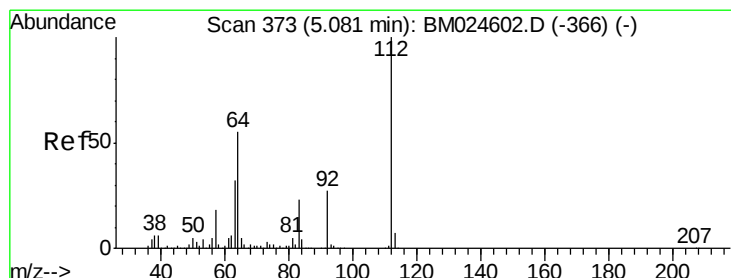
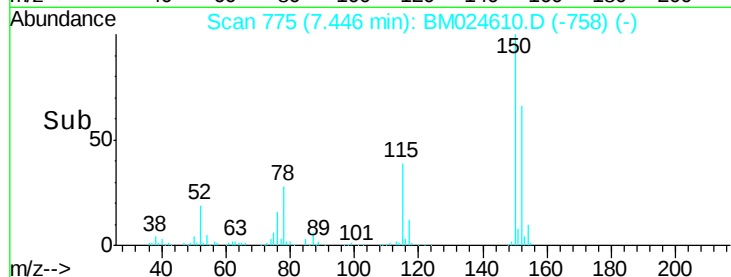
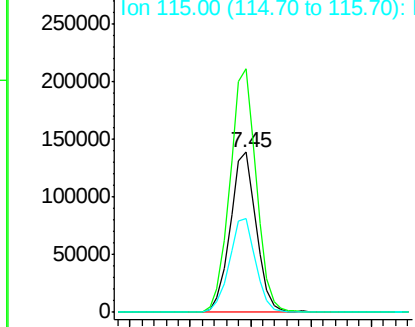
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024610.D
Acq: 23 Jan 2020 16:33

Instrument :
BNA_M
ClientSampleId :
PB125838BL

Tot Ion:152 Resp: 208164
Ion Ratio Lower Upper
152 100
150 152.2 124.2 186.4
115 58.7 48.6 72.8



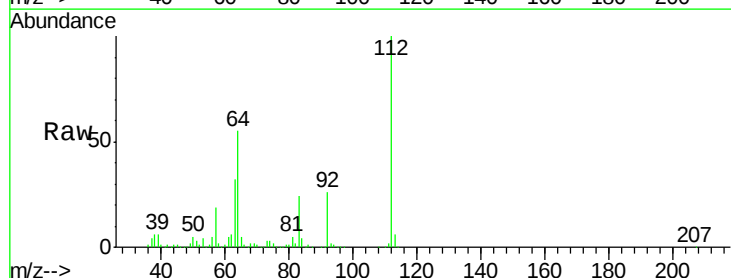
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



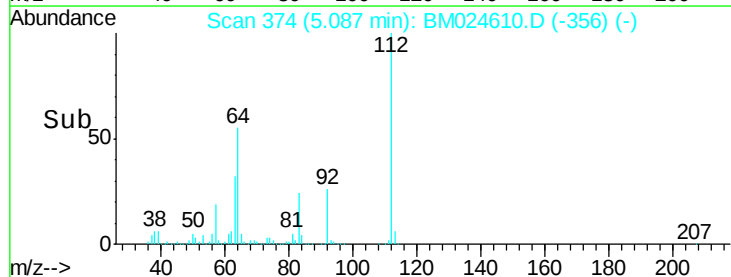
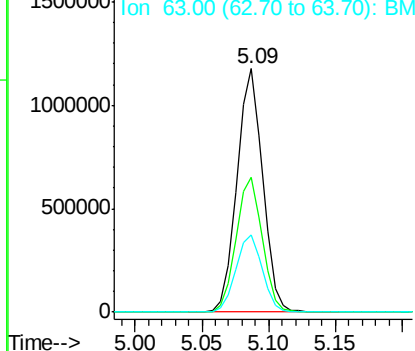
#5

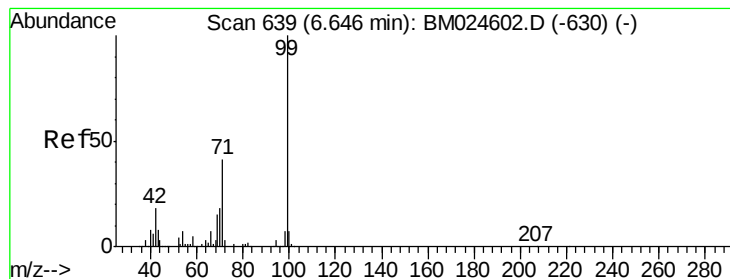
2-Fluorophenol
Concen: 144.126 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024610.D
Acq: 23 Jan 2020 16:33

Tgt Ion:112 Resp: 1577589
Ion Ratio Lower Upper
112 100
64 55.2 44.2 66.4
63 31.9 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: 135.831 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024610.D

Acq: 23 Jan 2020 16:33

Instrument :

BNA_M

ClientSampleId :

PB125838BL

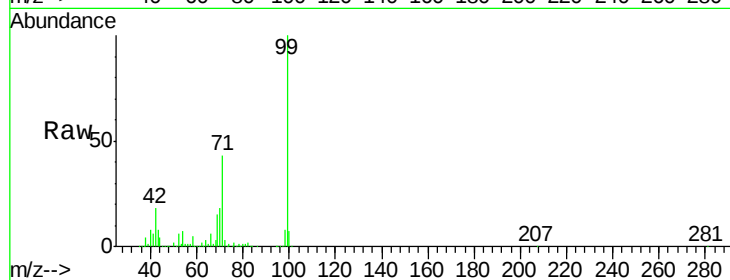
Tot Ion: 99 Resp: 2048152

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

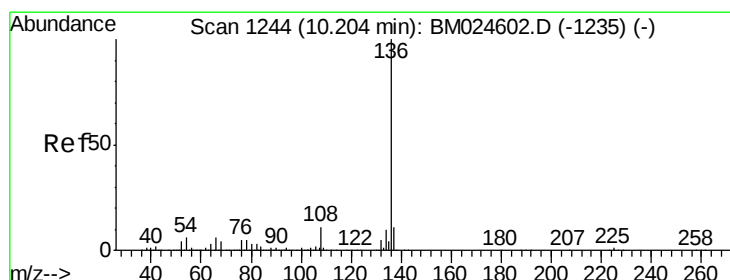
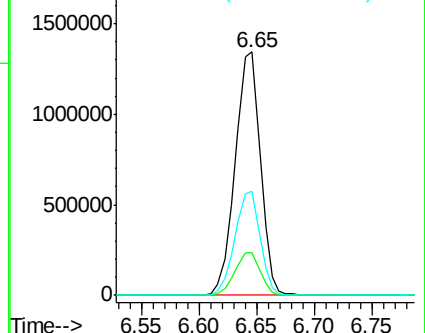
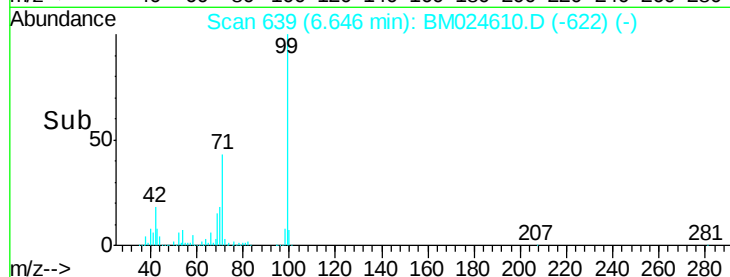
71 42.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024610.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024610.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024610.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024610.D

Acq: 23 Jan 2020 16:33

Tgt Ion: 136 Resp: 807689

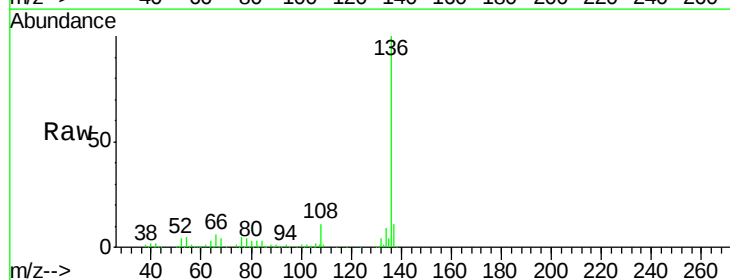
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.2 4.5 6.7

68 4.3 3.4 5.0

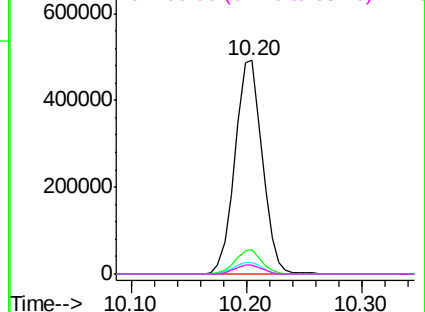
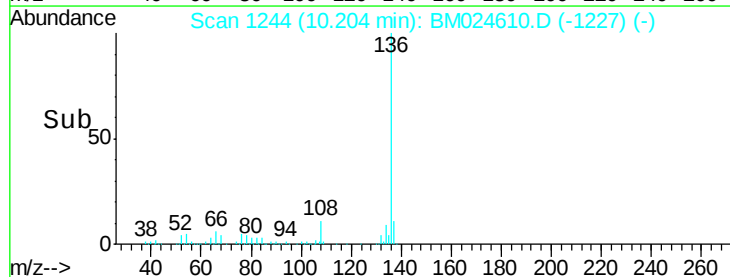


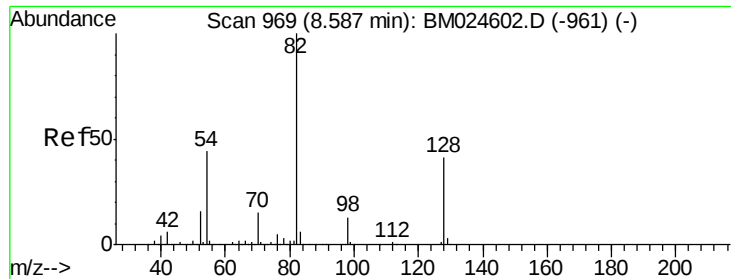
Abundance Ion 136.00 (135.70 to 136.70): BM024610.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024610.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024610.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024610.D (-1227) (-)

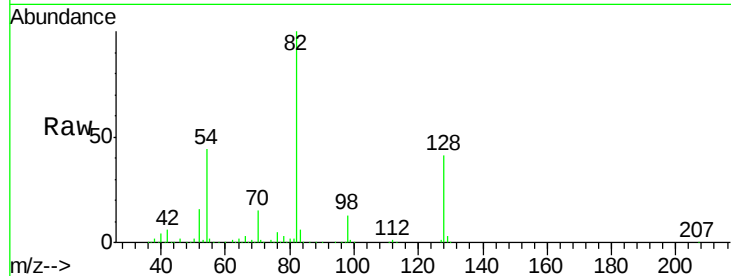




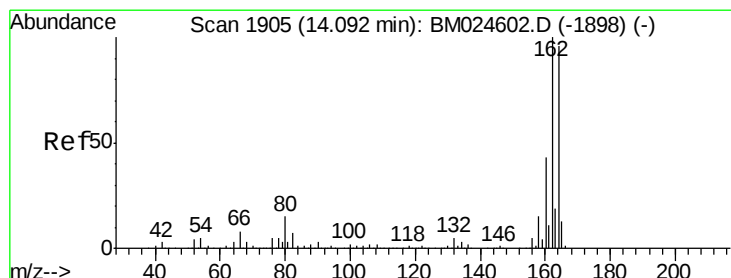
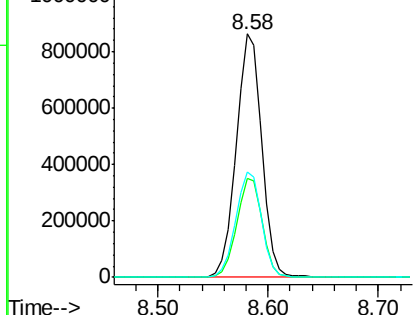
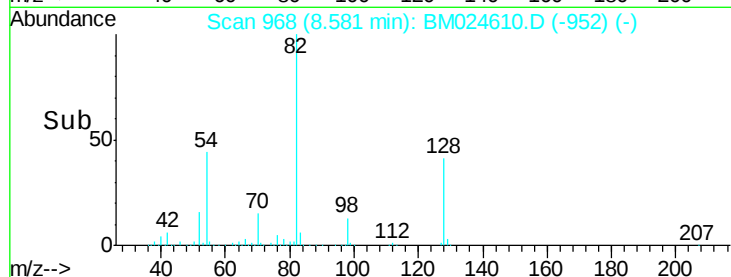
#23
Nitrobenzene-d5
Concen: 85.184 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024610.D
Acq: 23 Jan 2020 16:33

Instrument :
BNA_M
ClientSampleId :
PB125838BL

Tot Ion: 82 Resp: 1402942
Ion Ratio Lower Upper
82 100
128 40.8 32.6 48.8
54 43.5 34.8 52.2

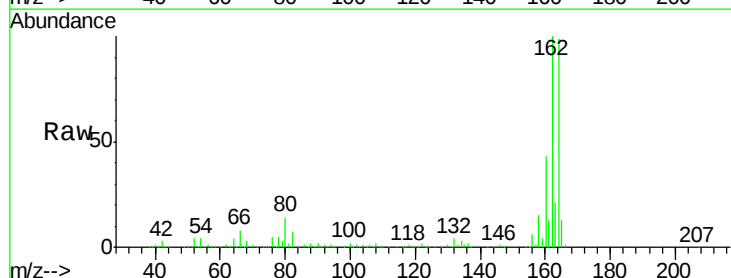


Abundance Ion 82.00 (81.70 to 82.70): BM024610.D (-952) (-)
Ion 128.00 (127.70 to 128.70): BM024610.D (-952) (-)
Ion 54.00 (53.70 to 54.70): BM024610.D (-952) (-)

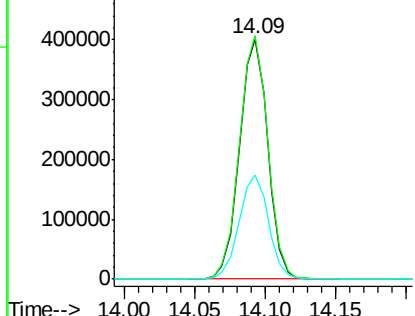
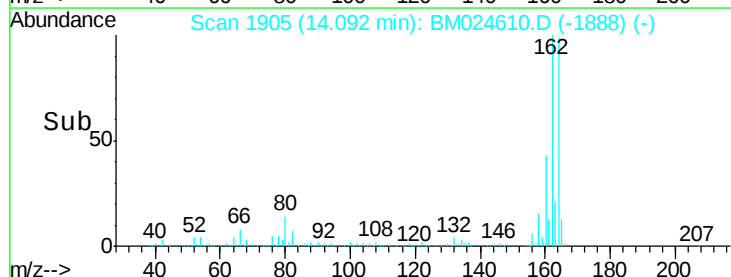


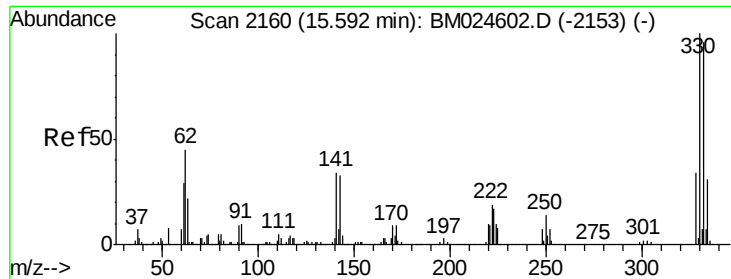
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024610.D
Acq: 23 Jan 2020 16:33

Tgt Ion:164 Resp: 562350
Ion Ratio Lower Upper
164 100
162 101.3 82.9 124.3
160 43.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BM024610.D (-1888) (-)
Ion 162.00 (161.70 to 162.70): BM024610.D (-1888) (-)
Ion 160.00 (159.70 to 160.70): BM024610.D (-1888) (-)

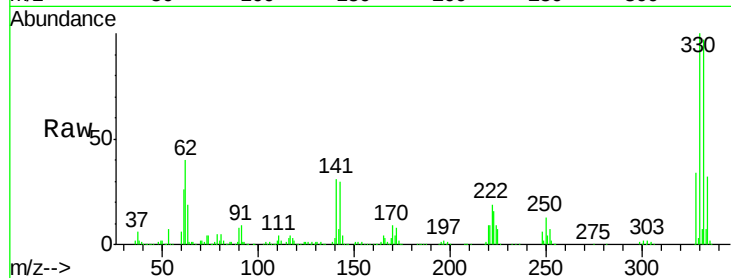




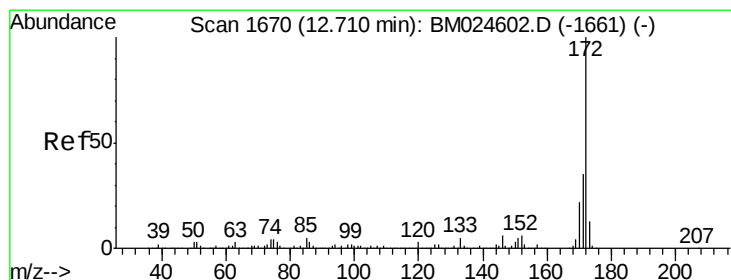
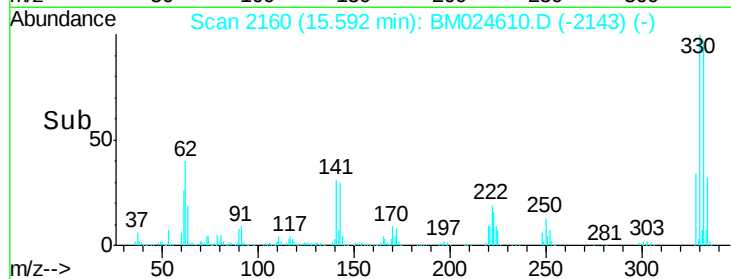
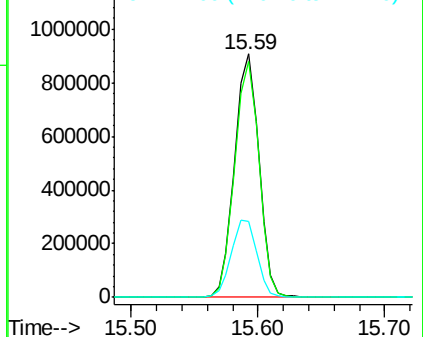
#42
 2,4,6-Tribromophenol
 Concen: 132.480 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM024610.D
 Acq: 23 Jan 2020 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB125838BL

Tot Ion:330 Resp: 1211850
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 33.3 26.9 40.3

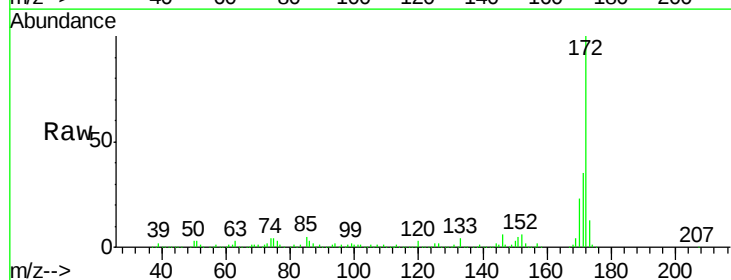


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

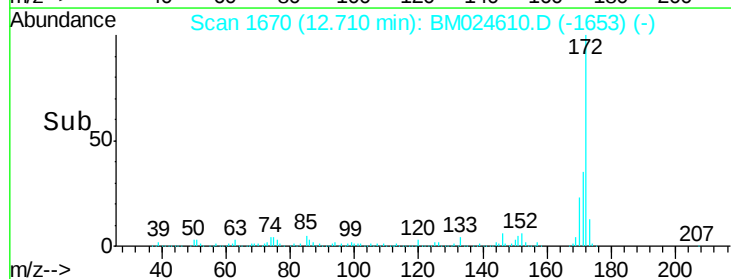
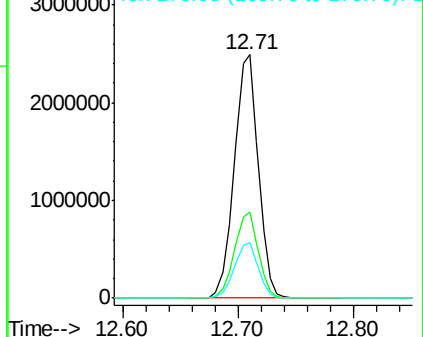


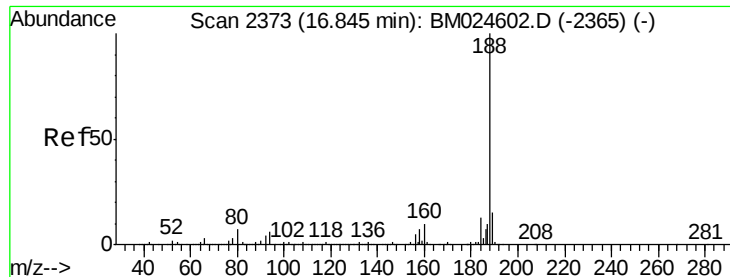
#45
 2-Fluorobiphenyl
 Concen: 86.466 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM024610.D
 Acq: 23 Jan 2020 16:33

Tgt Ion:172 Resp: 3576606
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.8 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: BM024610.D

Acq: 23 Jan 2020 16:33

Instrument :

BNA_M

ClientSampleId :

PB125838BL

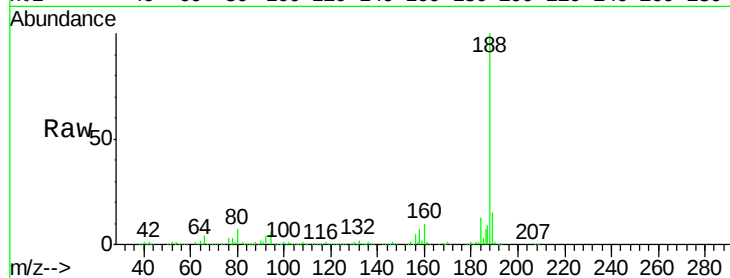
Tot Ion:188 Resp: 1309820

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.6

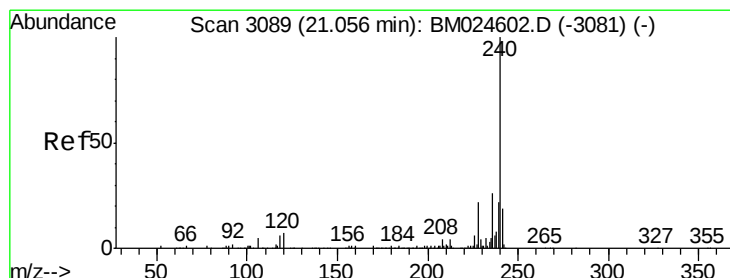
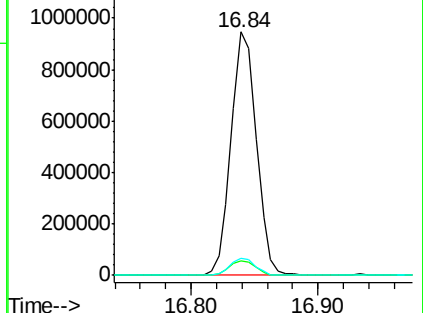
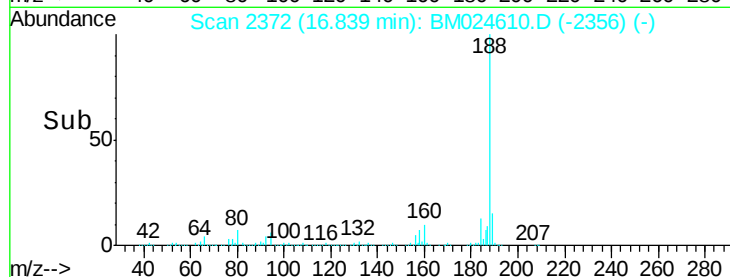
80 6.9 5.8 8.8



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: BM024610.D

Acq: 23 Jan 2020 16:33

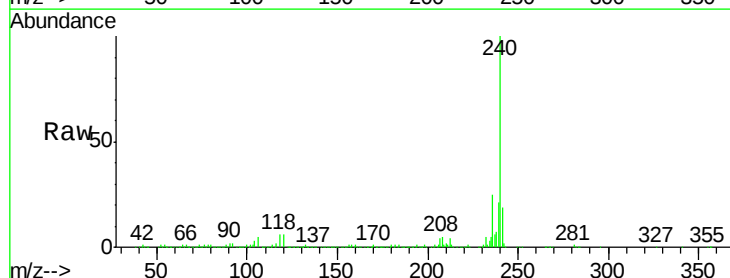
Tgt Ion:240 Resp: 1345847

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

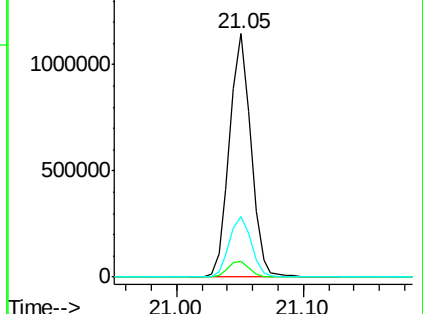
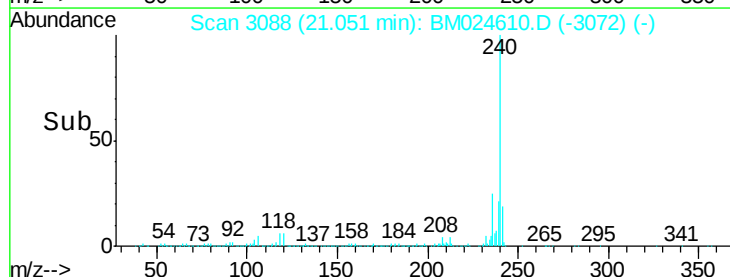
236 25.0 20.6 31.0

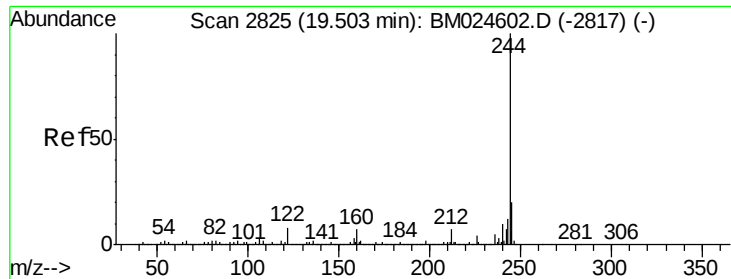


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.495 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024610.D

Acq: 23 Jan 2020 16:33

Instrument :

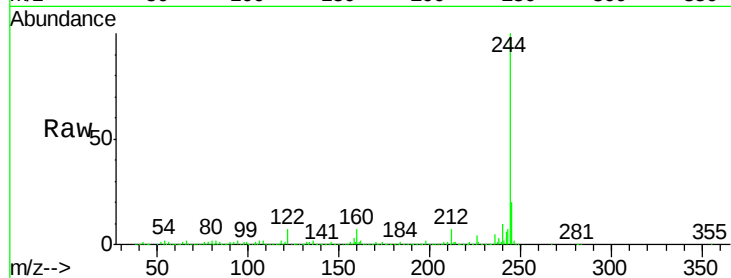
BNA_M

ClientSampleId :

PB125838BL

Tot Ion:244 Resp: 7388817

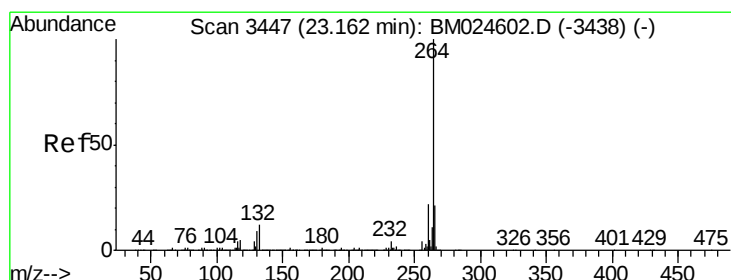
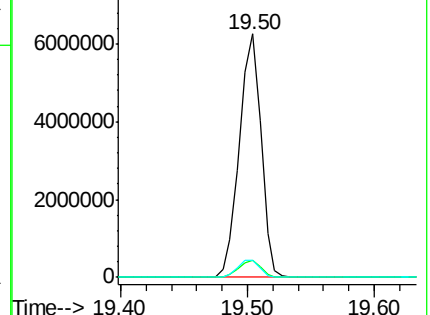
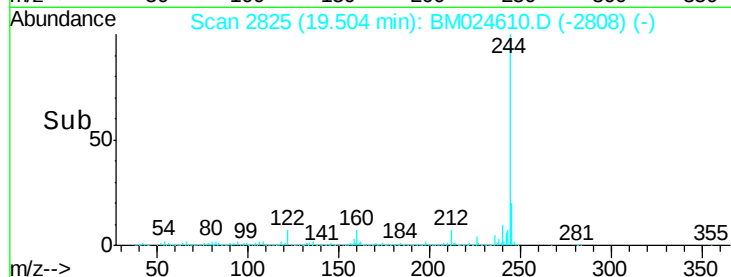
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	7.2	6.2	9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

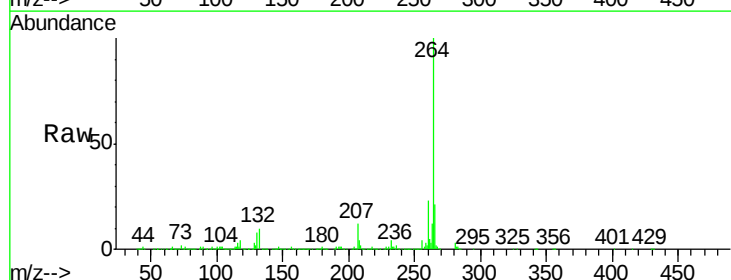
Delta R.T. 0.00 min

Lab File: BM024610.D

Acq: 23 Jan 2020 16:33

Tgt Ion:264 Resp: 1458521

Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

