

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024613.D
 Acq On : 23 Jan 2020 18:21
 Operator : CG/JU
 Sample : PB125839BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB125839BL

Quant Time: Jan 24 01:47:21 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	204731	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	804121	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	551958	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1288757	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1347453	20.00	ng	0.00
87) Perylene-d12	23.16	264	1510078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1580166	146.78	ng	0.00
7) Phenol-d6	6.65	99	2042823	137.75	ng	0.00
23) Nitrobenzene-d5	8.58	82	1406350	85.77	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1197895	133.42	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3523001	86.77	ng	0.00
79) Terphenyl-d14	19.50	244	7316554	101.37	ng	0.00

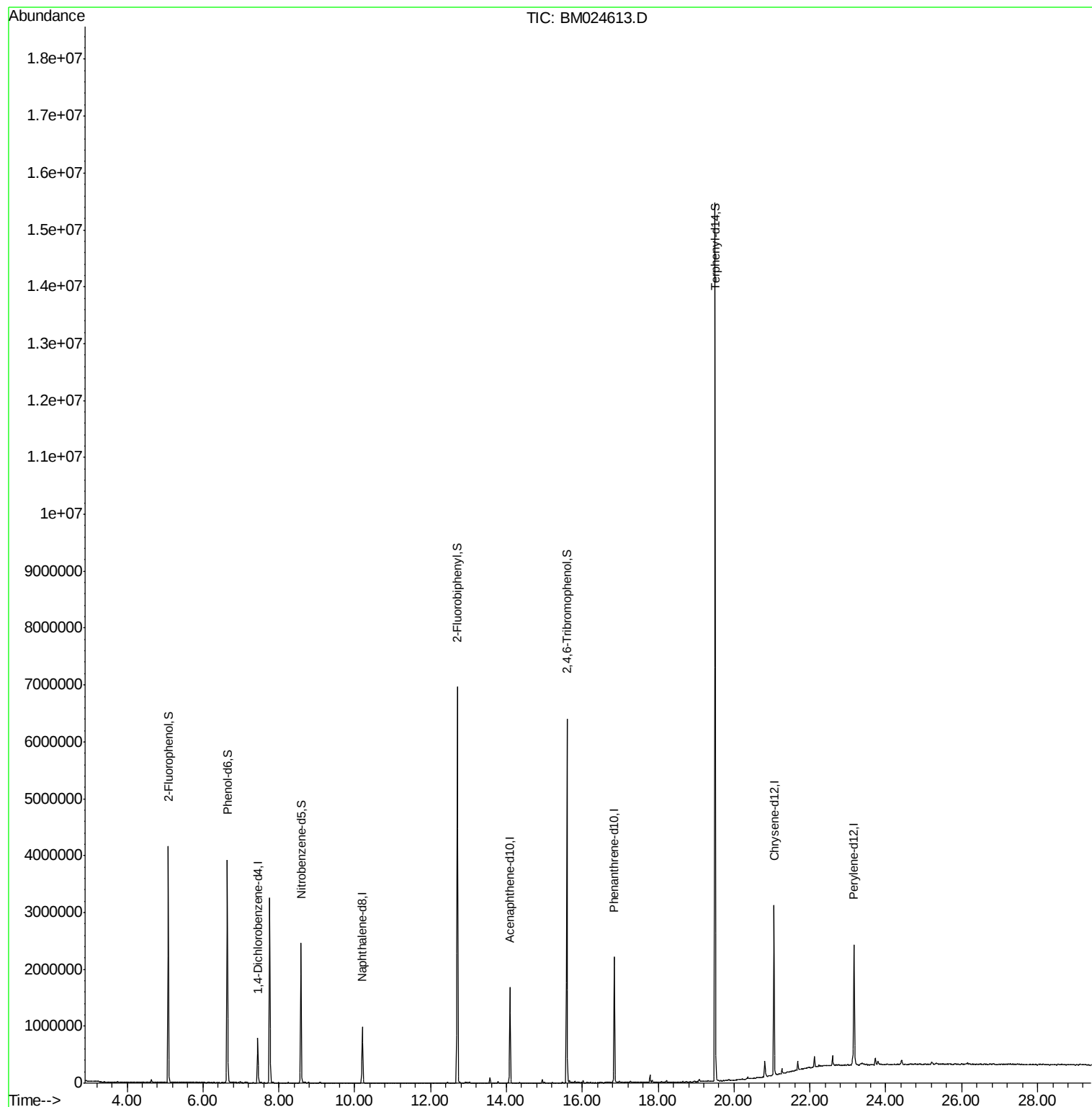
Target Compounds Qvalue

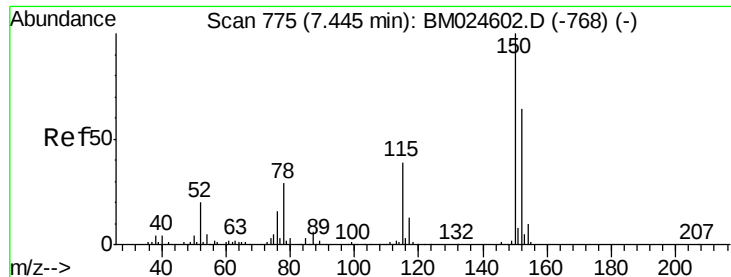
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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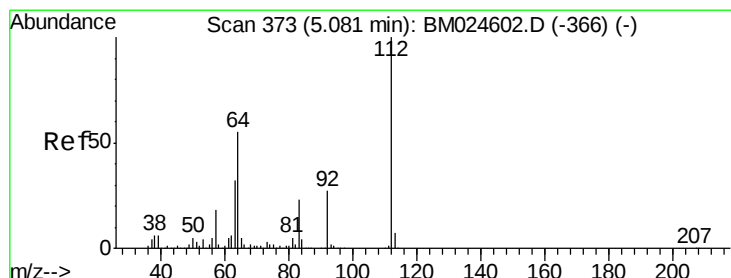
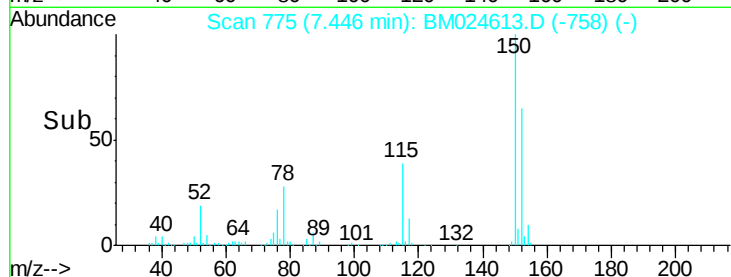
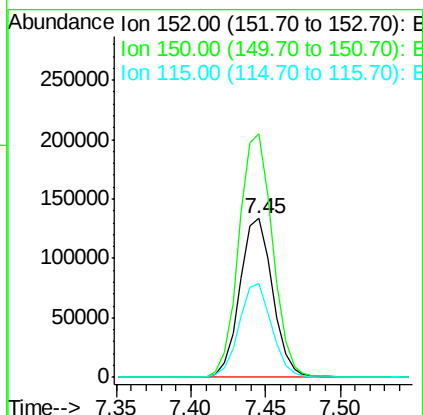
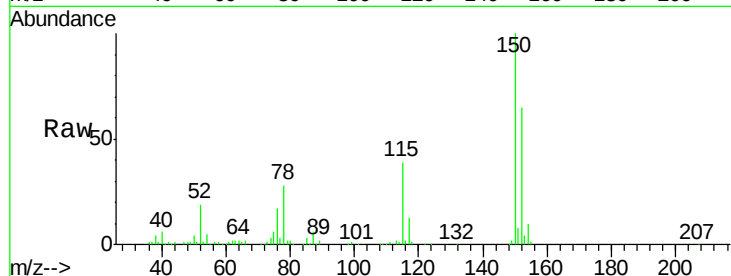


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

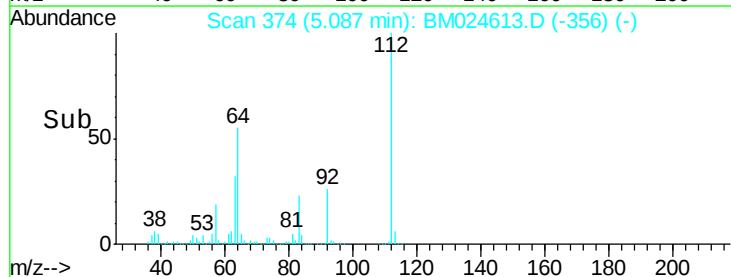
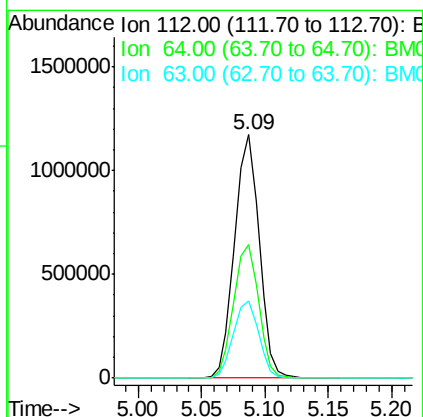
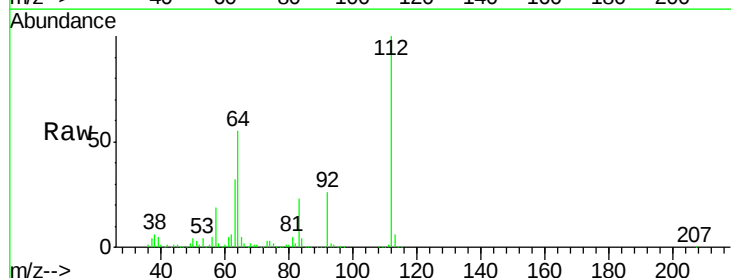
Tot Ion:152 Resp: 204731
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.4
115 59.1 48.6 72.8

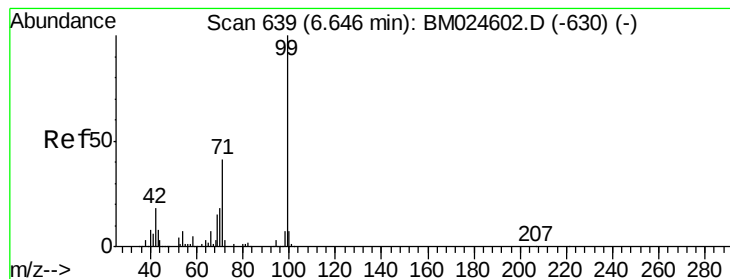


#5

2-Fluorophenol
Concen: 146.783 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:112 Resp: 1580166
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.4
63 31.7 25.9 38.9





#7

Phenol-d6

Concen: 137.749 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024613.D

Acq: 23 Jan 2020 18:21

Instrument :

BNA_M

ClientSampleId :

PB125839BL

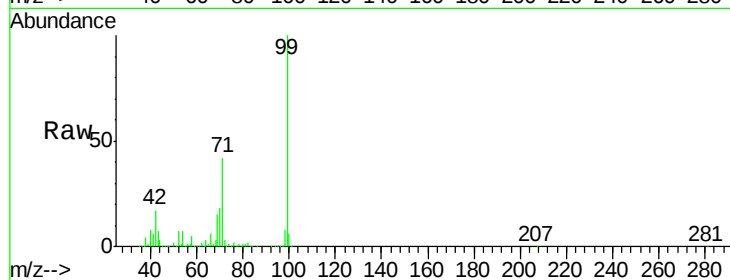
Tot Ion: 99 Resp: 2042823

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

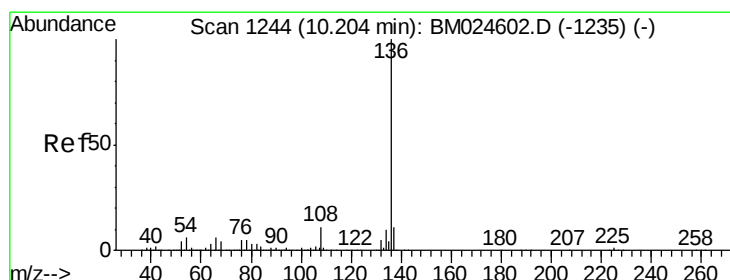
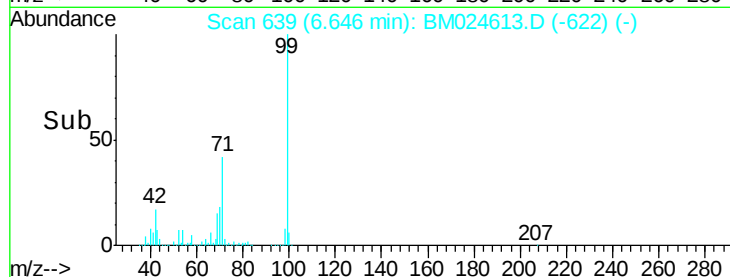
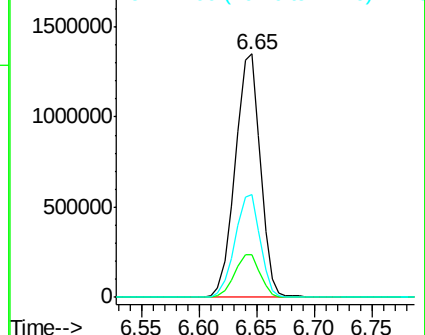
71 42.2 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024613.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024613.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024613.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024613.D

Acq: 23 Jan 2020 18:21

Tgt Ion: 136 Resp: 804121

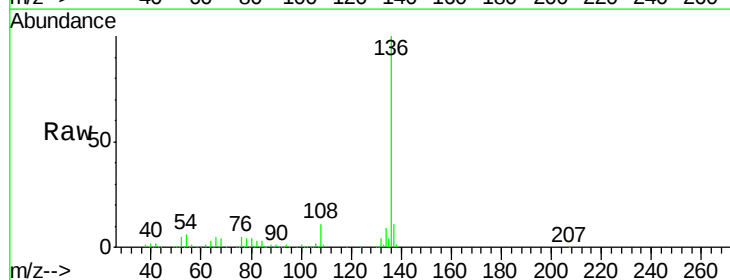
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.6 4.5 6.7

68 4.2 3.4 5.0

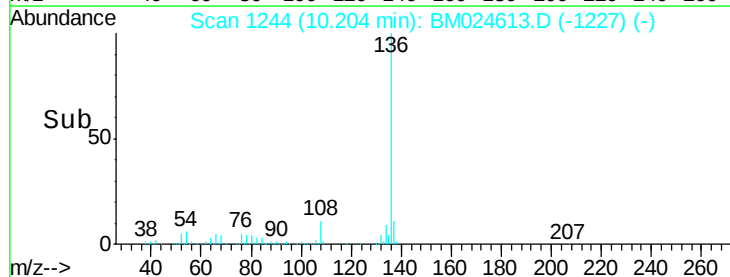
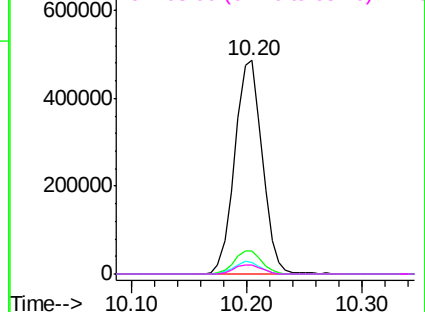


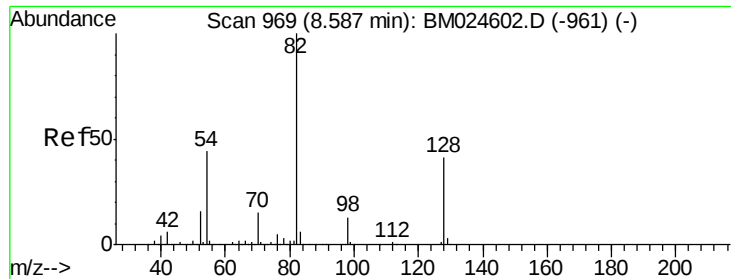
Abundance Ion 136.00 (135.70 to 136.70): BM024613.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024613.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024613.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024613.D (-1227) (-)



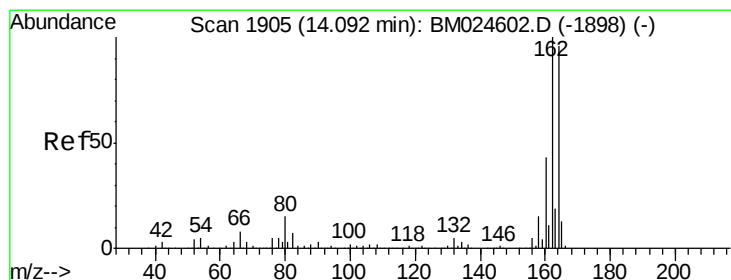
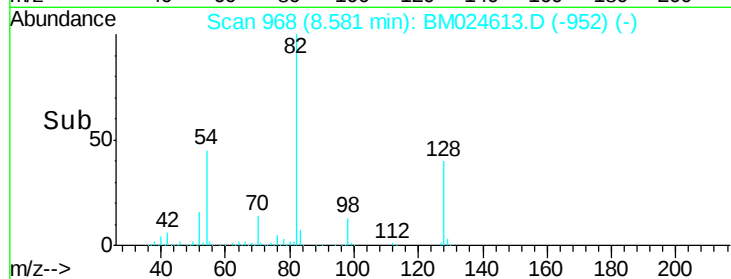
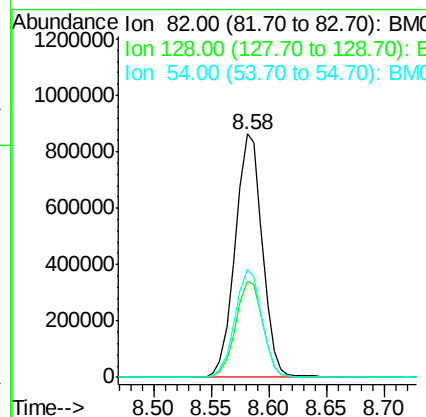
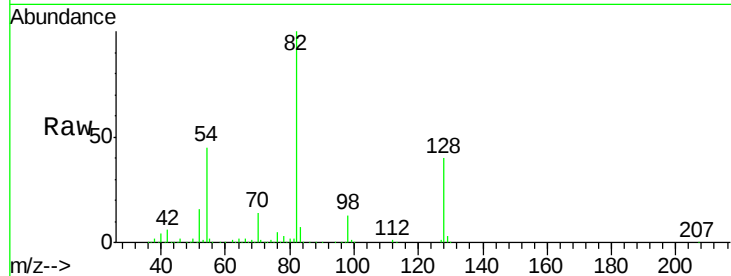


#23
 Nitrobenzene-d5
 Concen: 85.770 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024613.D
 Acq: 23 Jan 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 PB125839BL

Tot Ion: 82 Resp: 1406350

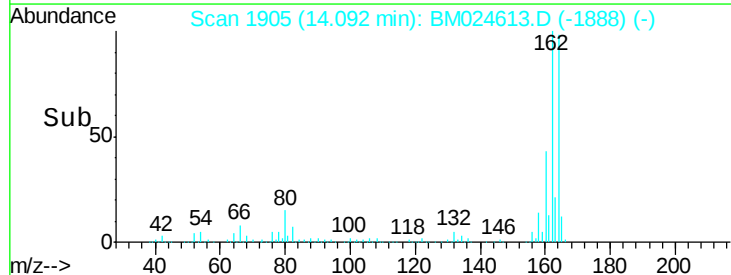
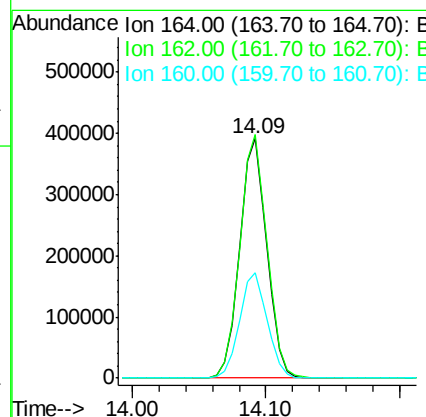
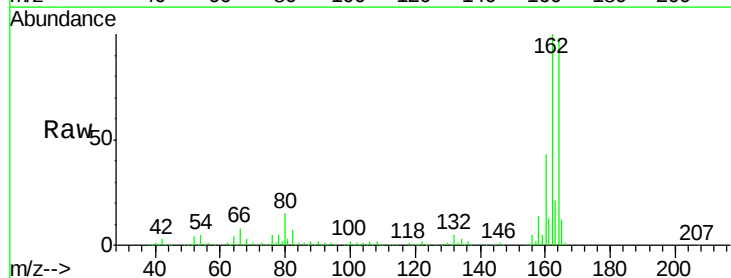
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	48.8
54	44.6	34.8	52.2

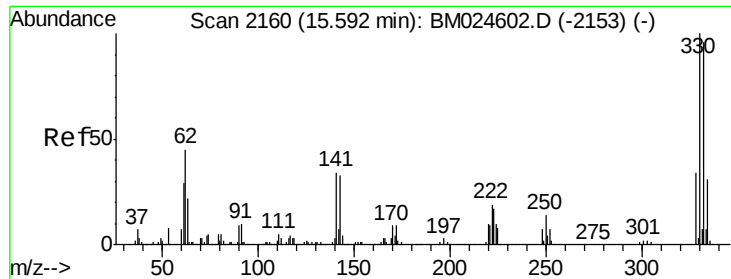


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM024613.D
 Acq: 23 Jan 2020 18:21

Tgt Ion: 164 Resp: 551958

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.9	124.3
160	43.9	35.5	53.3

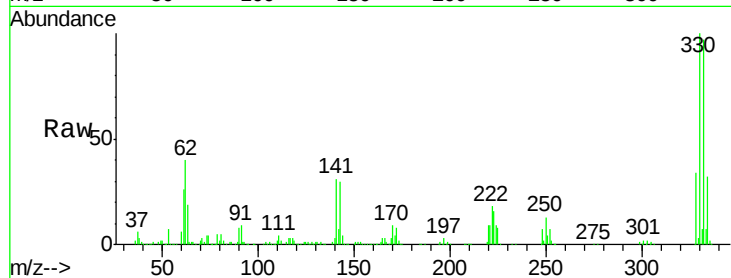




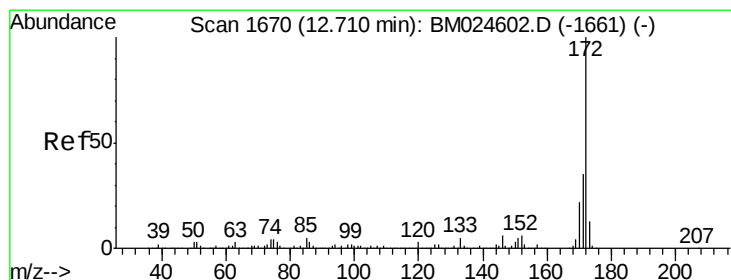
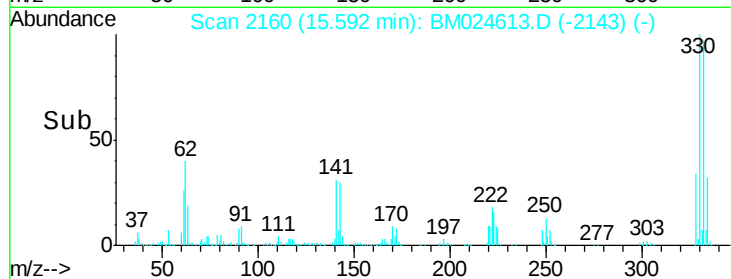
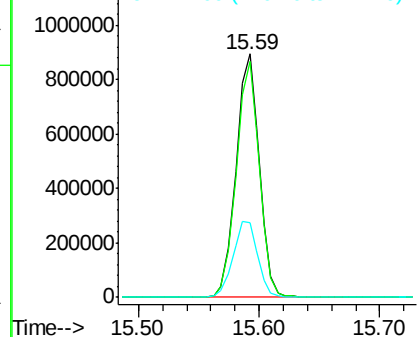
#42
 2,4,6-Tribromophenol
 Concen: 133.419 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM024613.D
 Acq: 23 Jan 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 PB125839BL

Tot Ion:330 Resp: 1197895
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 32.8 26.9 40.3

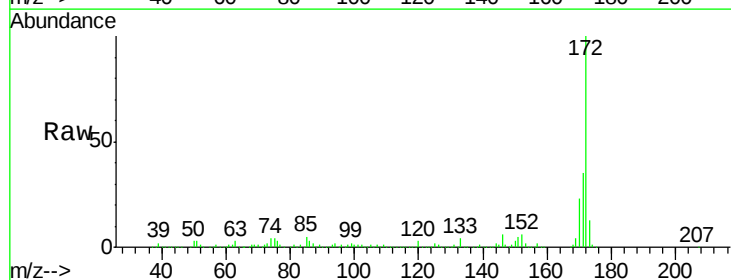


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

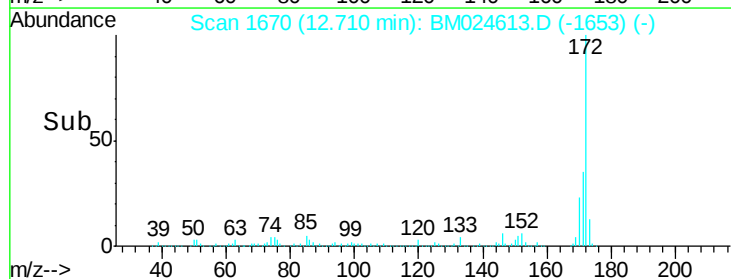
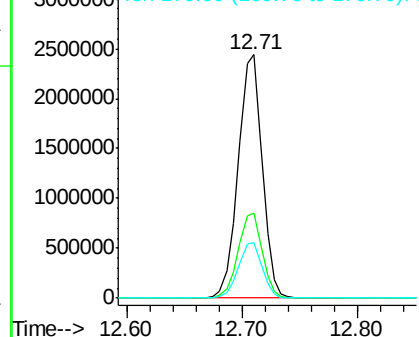


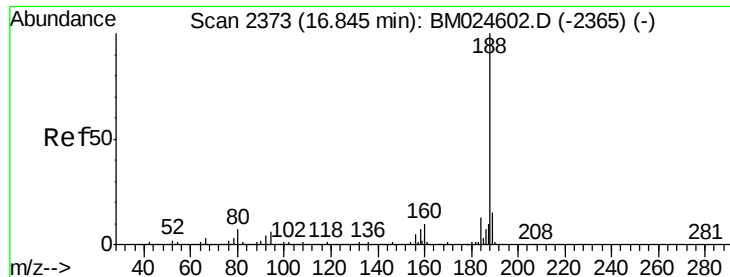
#45
 2-Fluorobiphenyl
 Concen: 86.773 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM024613.D
 Acq: 23 Jan 2020 18:21

Tgt Ion:172 Resp: 3523001
 Ion Ratio Lower Upper
 172 100
 171 34.8 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: BM024613.D

Acq: 23 Jan 2020 18:21

Instrument :

BNA_M

ClientSampleId :

PB125839BL

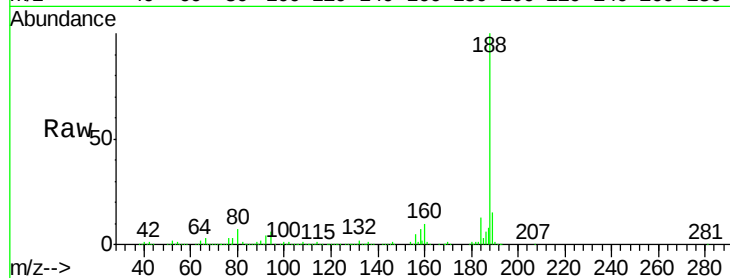
Tot Ion:188 Resp: 1288757

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.6

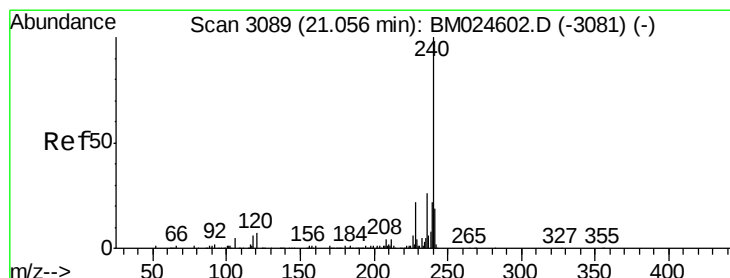
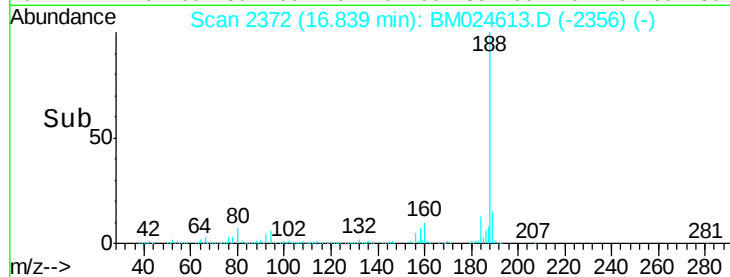
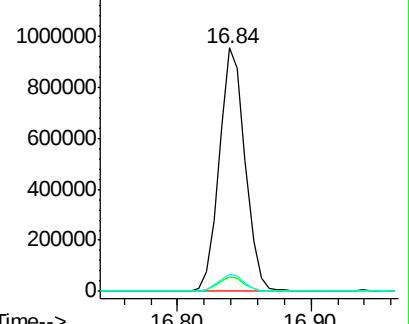
80 7.1 5.8 8.8



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: BM024613.D

Acq: 23 Jan 2020 18:21

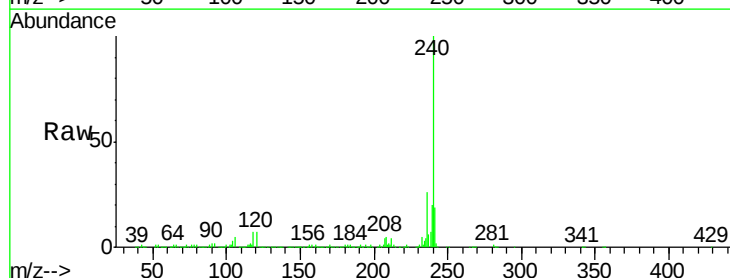
Tgt Ion:240 Resp: 1347453

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

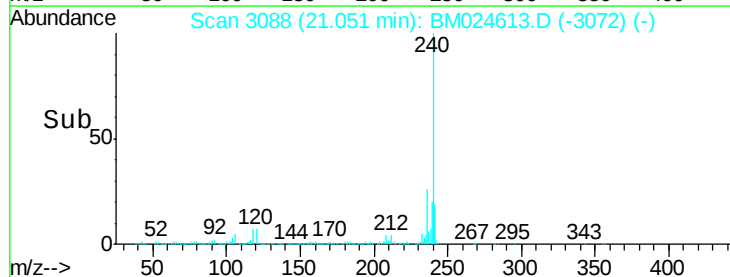
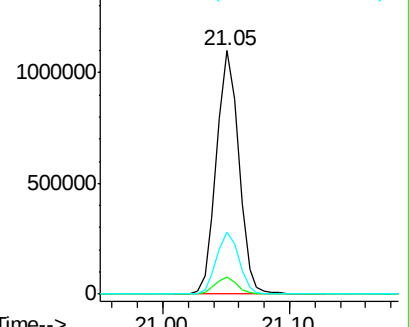
236 25.6 20.6 31.0

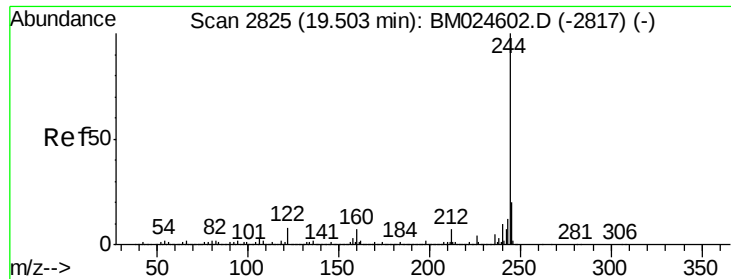


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.371 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024613.D

Acq: 23 Jan 2020 18:21

Instrument :

BNA_M

ClientSampleId :

PB125839BL

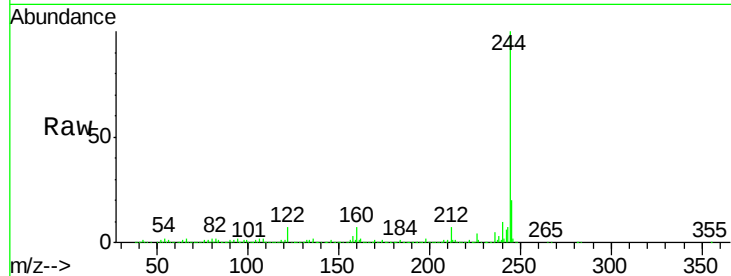
Tot Ion:244 Resp: 7316554

Ion Ratio Lower Upper

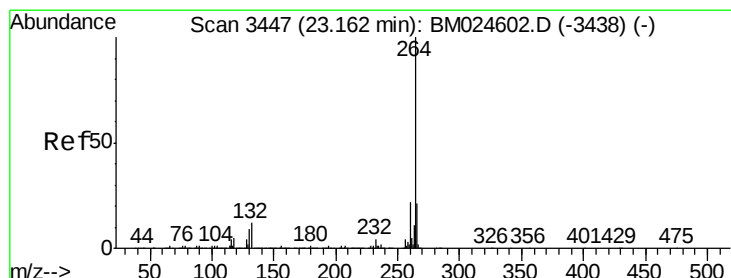
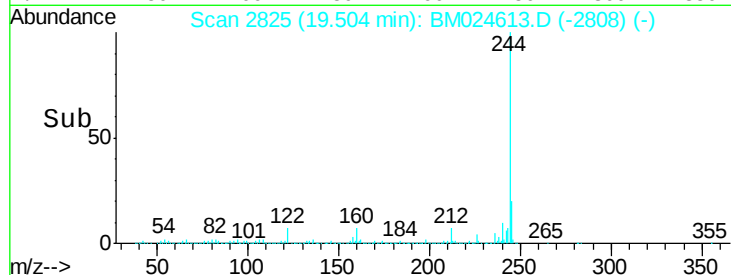
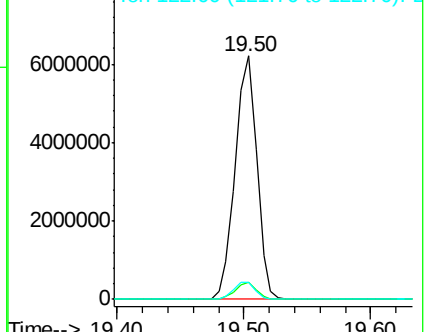
244 100

212 6.8 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: BM024613.D

Acq: 23 Jan 2020 18:21

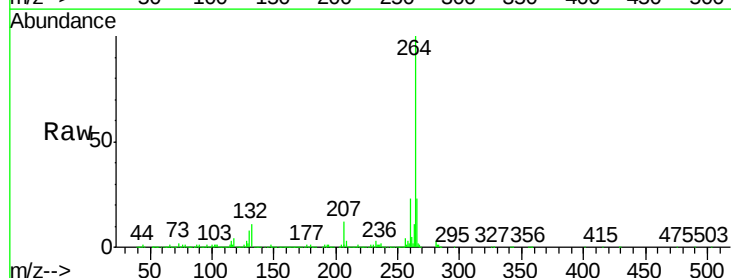
Tgt Ion:264 Resp: 1510078

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 22.7 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

