

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024682.D
 Acq On : 31 Jan 2020 19:11
 Operator : CG/JU
 Sample : PB126499BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:59:39 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	7.42	152	159584	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	579452	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	393170	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	918403	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1129214	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1302479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	415311	49.49	ng	-0.02
7) Phenol-d6	6.62	99	291284	25.20	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1019694	86.30	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	695425	108.74	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2730292	94.41	ng	-0.02
79) Terphenyl-d14	19.49	244	6011772	99.39	ng	-0.02

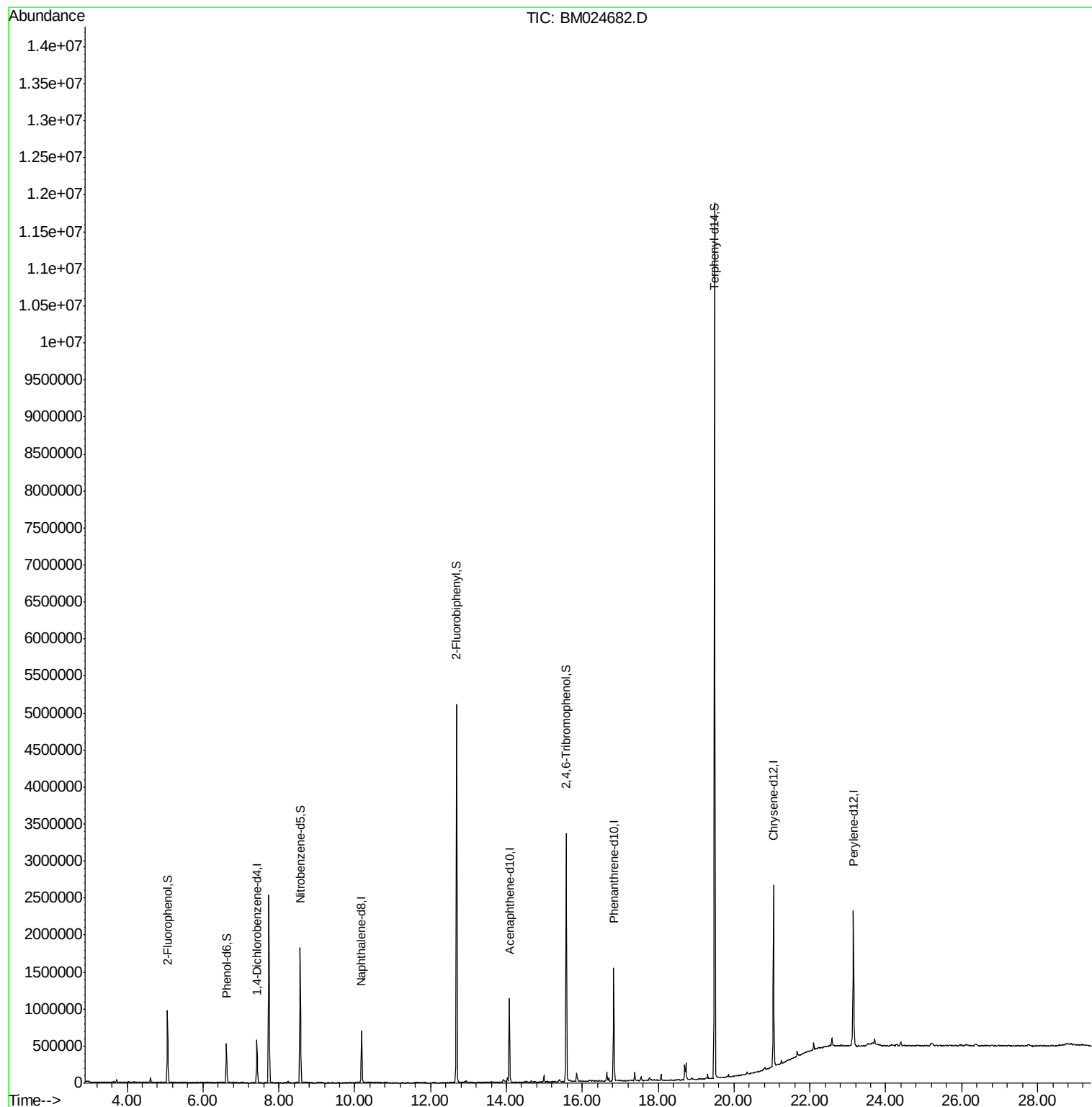
Target Compounds Qvalue

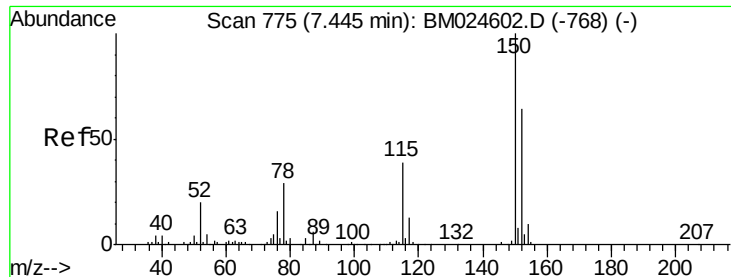
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



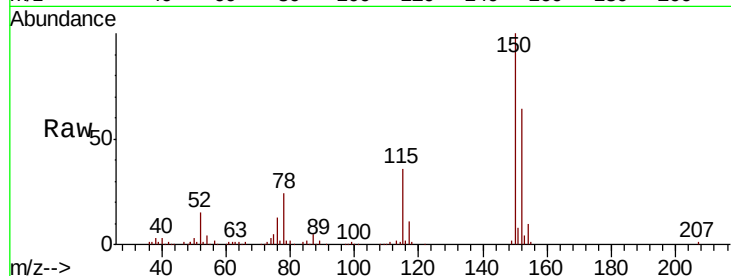


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024682.D
Acq: 31 Jan 2020 19:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.4
115	56.4	48.6	72.8

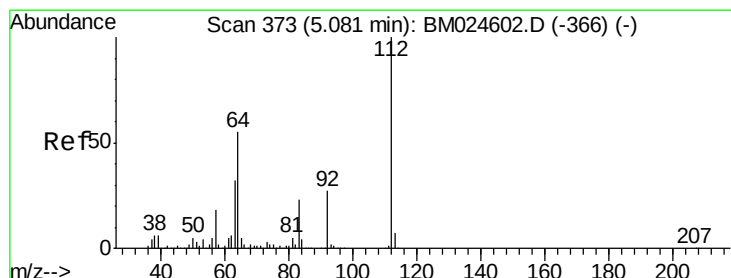
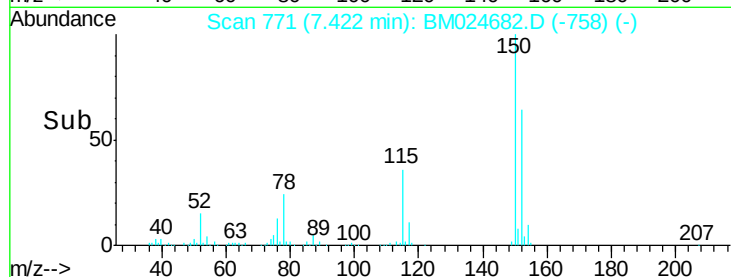
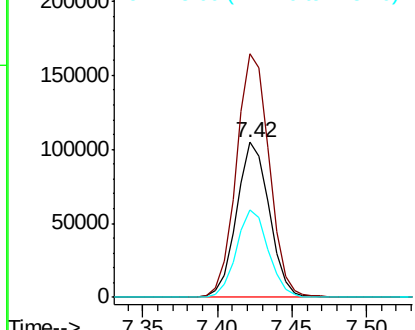


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

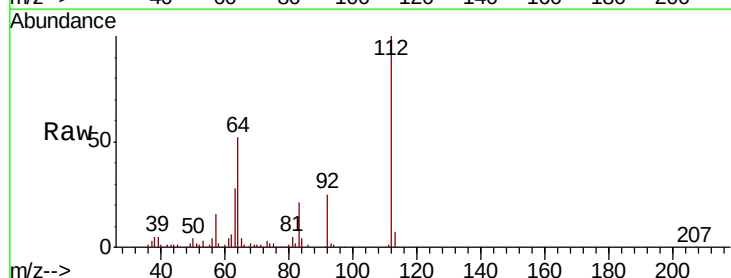
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.493 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM024682.D
Acq: 31 Jan 2020 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	44.2	66.4
63	28.2	25.9	38.9

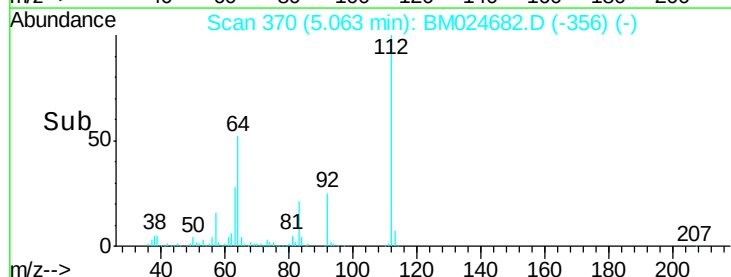
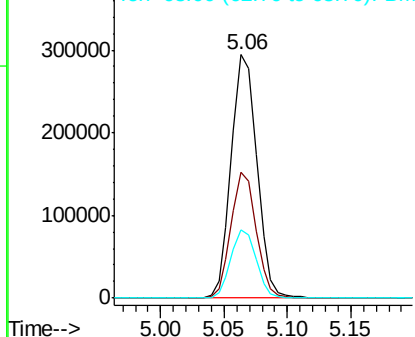


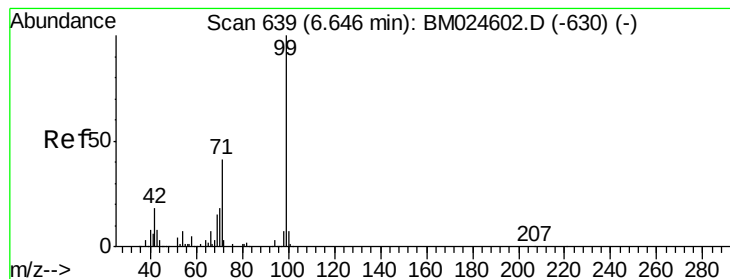
Abundance

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: 25.198 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024682.D

Acq: 31 Jan 2020 19:11

Instrument :

BNA_M

ClientSampled :

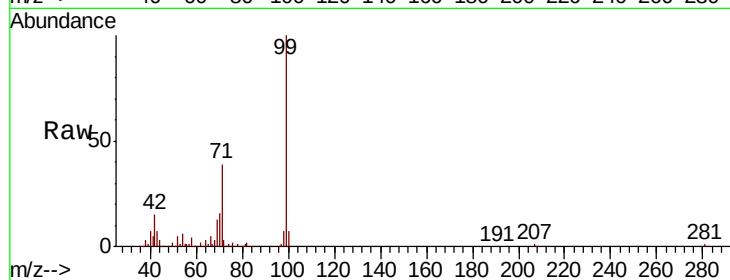
Tot Ion: 99 Resp: 291284

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

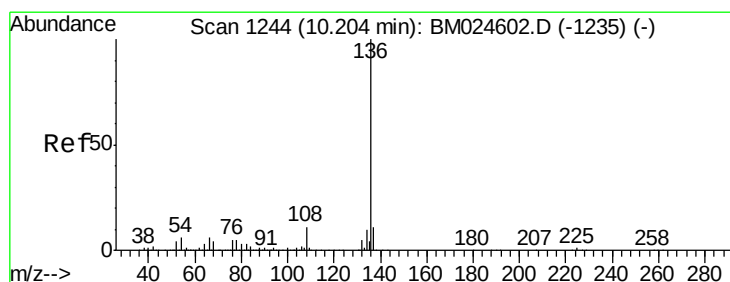
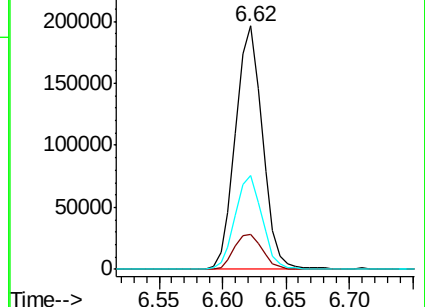
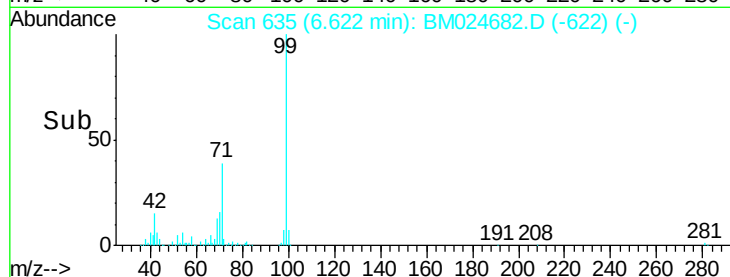
71 38.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024682.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024682.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024682.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024682.D

Acq: 31 Jan 2020 19:11

Tgt Ion: 136 Resp: 579452

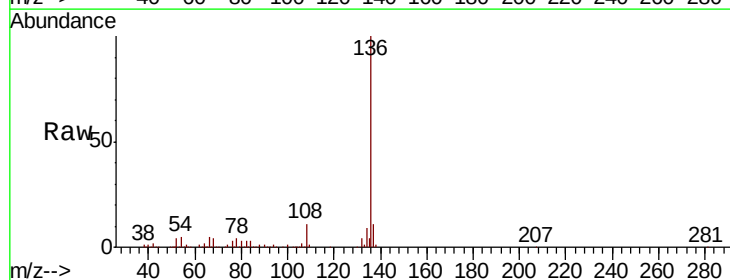
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.7 4.5 6.7

68 4.0 3.4 5.0

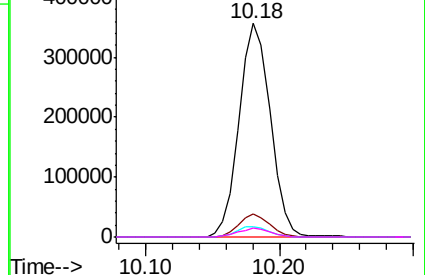
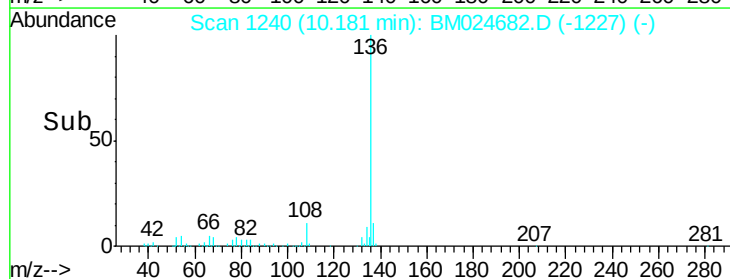


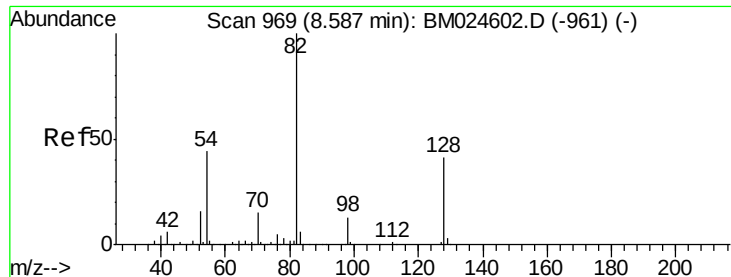
Abundance Ion 136.00 (135.70 to 136.70): BM024682.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024682.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024682.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024682.D (-1227) (-)



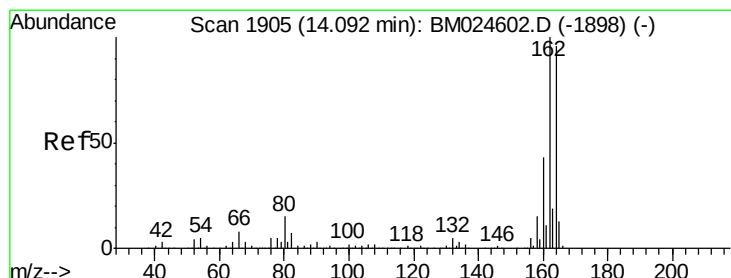
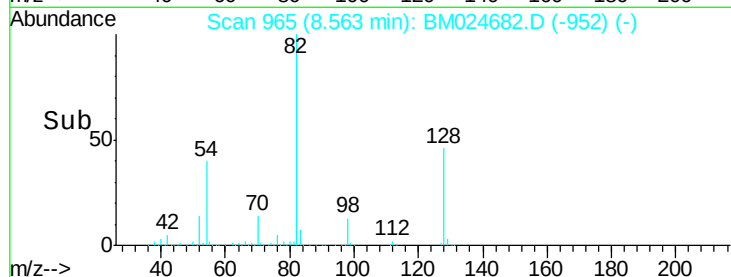
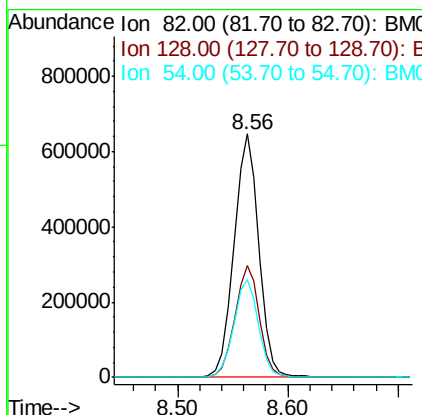
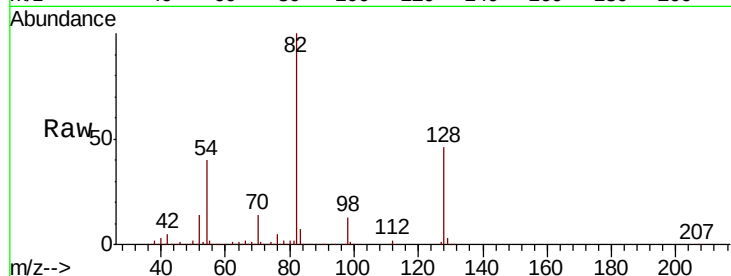


#23
 Nitrobenzene-d5
 Concen: 86.301 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024682.D
 Acq: 31 Jan 2020 19:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1019694

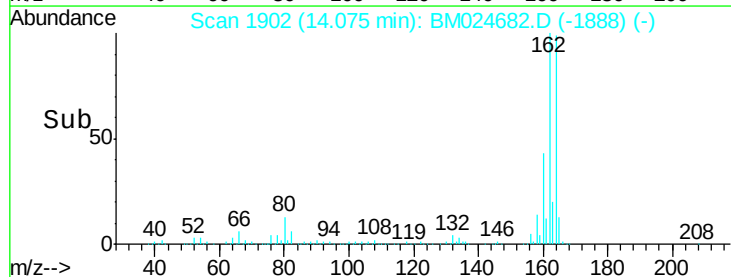
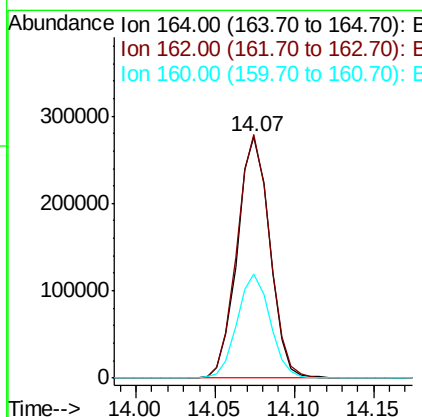
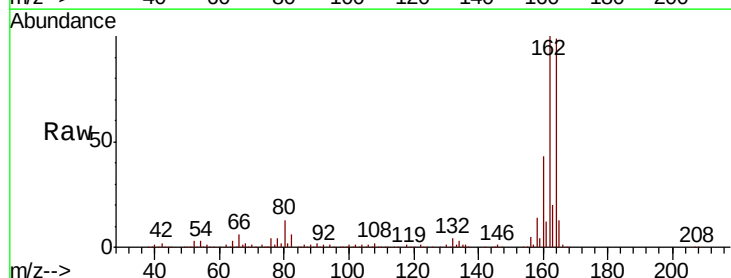
Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.6	48.8
54	40.2	34.8	52.2

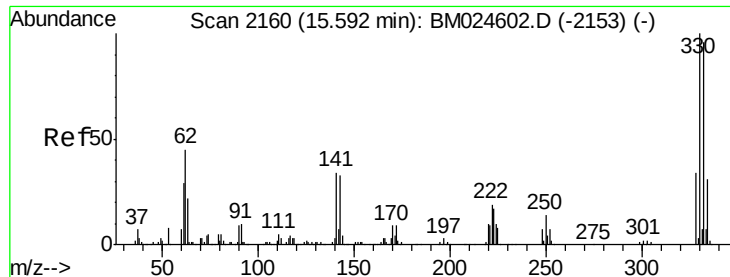


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024682.D
 Acq: 31 Jan 2020 19:11

Tgt Ion: 164 Resp: 393170

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.9	124.3
160	43.2	35.5	53.3

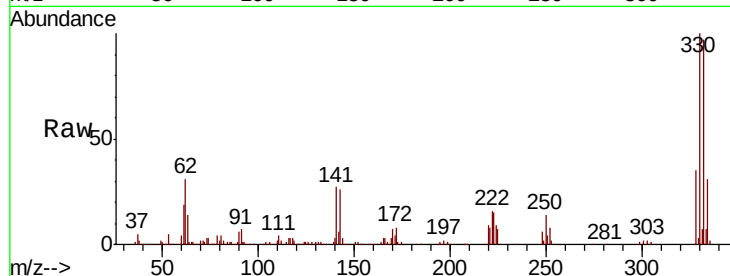




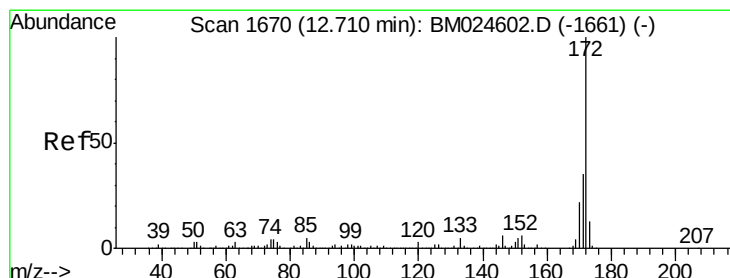
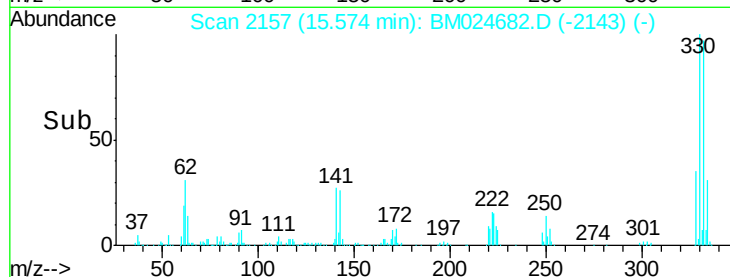
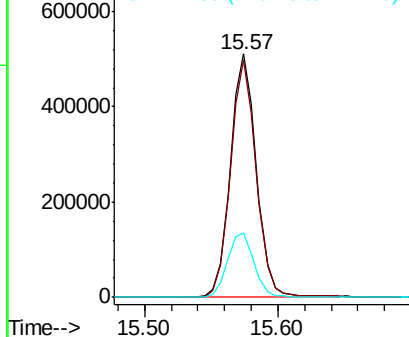
#42
 2,4,6-Tribromophenol
 Concen: 108.737 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024682.D
 Acq: 31 Jan 2020 19:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	27.7	26.9	40.3

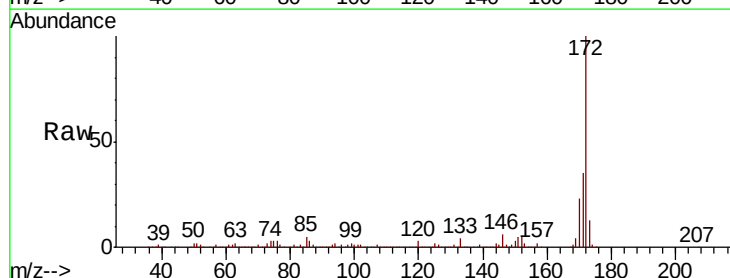


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

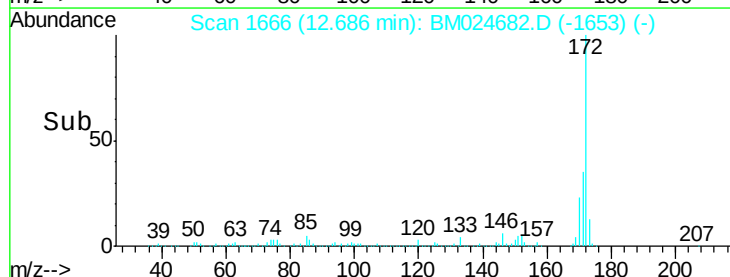
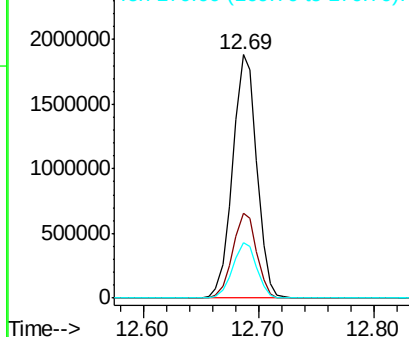


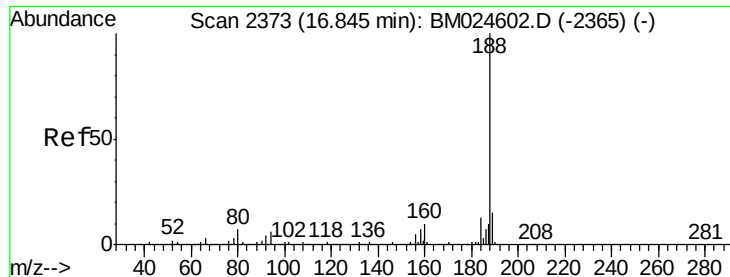
#45
 2-Fluorobiphenyl
 Concen: 94.408 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024682.D
 Acq: 31 Jan 2020 19:11

Tgt 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

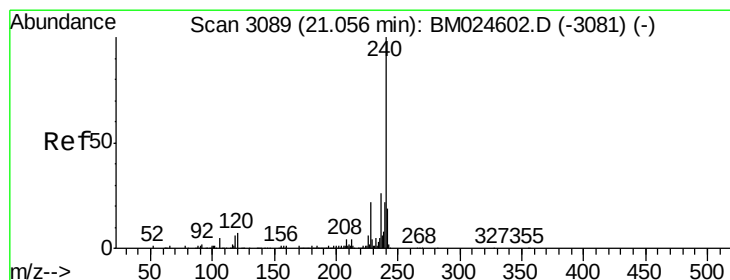
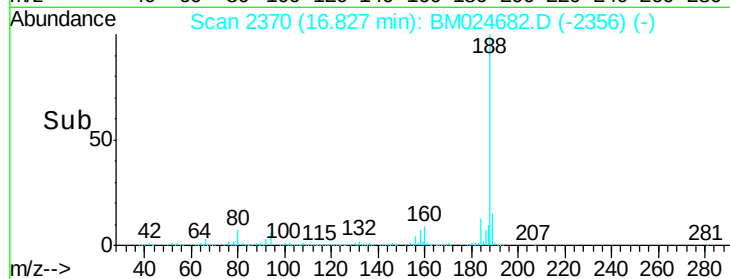
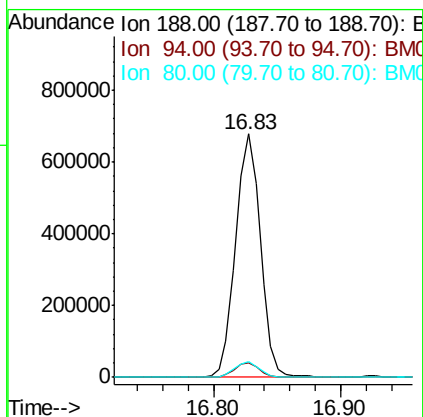
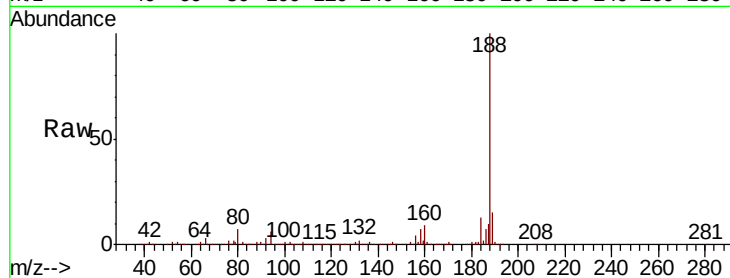




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024682.D
Acq: 31 Jan 2020 19:11

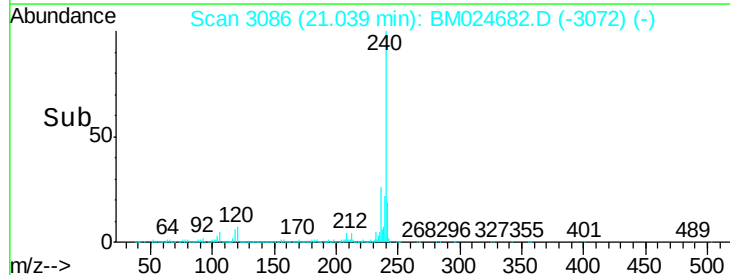
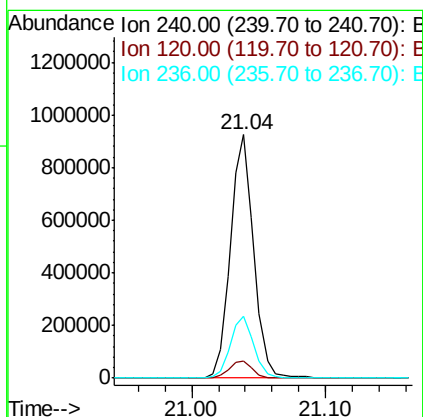
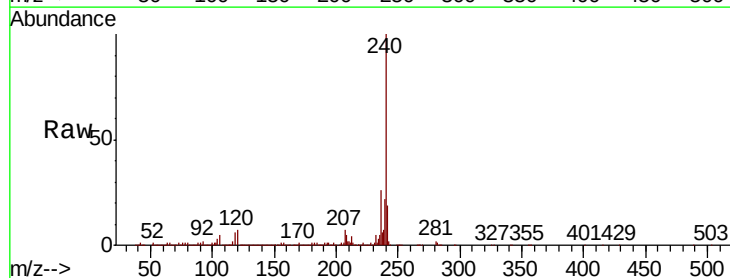
Instrument :
BNA_M
ClientSampleId :

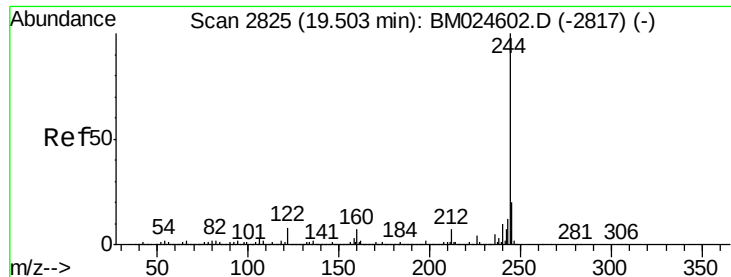
Tot Ion:188 Resp: 918403
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.6
80 6.7 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024682.D
Acq: 31 Jan 2020 19:11

Tgt Ion:240 Resp: 1129214
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 99.391 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024682.D

Acq: 31 Jan 2020 19:11

Instrument :

BNA_M

ClientSampleId :

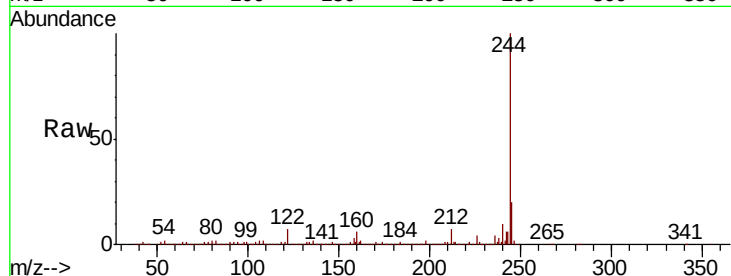
Tot Ion:244 Resp: 6011772

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

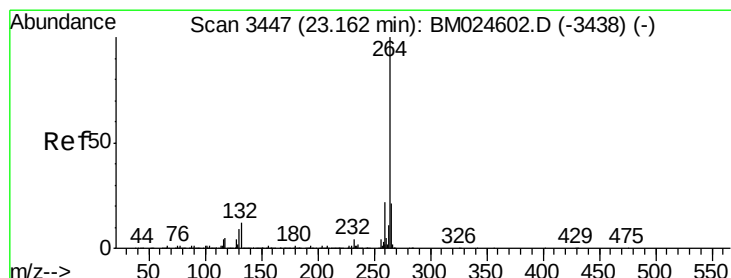
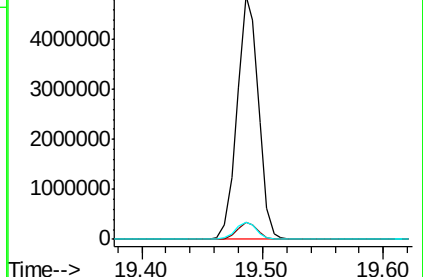
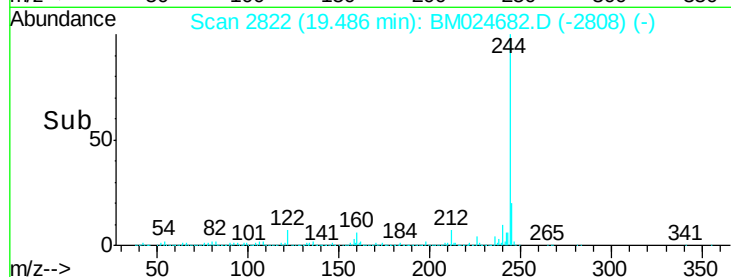
122 7.1 6.2 9.4



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: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024682.D

Acq: 31 Jan 2020 19:11

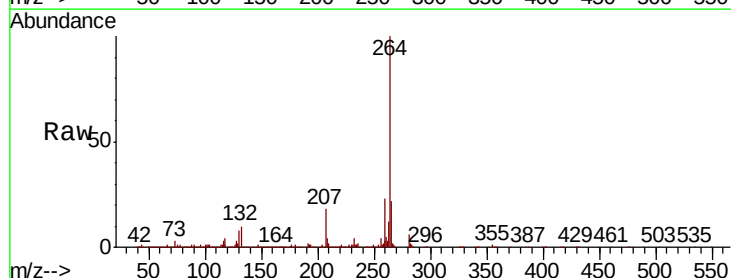
Tgt Ion:264 Resp: 1302479

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.3 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

