

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024673.D
 Acq On : 30 Jan 2020 23:55
 Operator : CG/JU
 Sample : L1318-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 31 00:29:46 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	7.43	152	163410	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	593462	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	386056	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	890737	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1082259	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1290924	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	858452	99.91	ng	-0.01
7) Phenol-d6	6.63	99	1059995	89.55	ng	-0.02
23) Nitrobenzene-d5	8.56	82	685831	56.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	632461	100.71	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	1922718	67.71	ng	-0.02
79) Terphenyl-d14	19.49	244	3915128	67.54	ng	-0.02

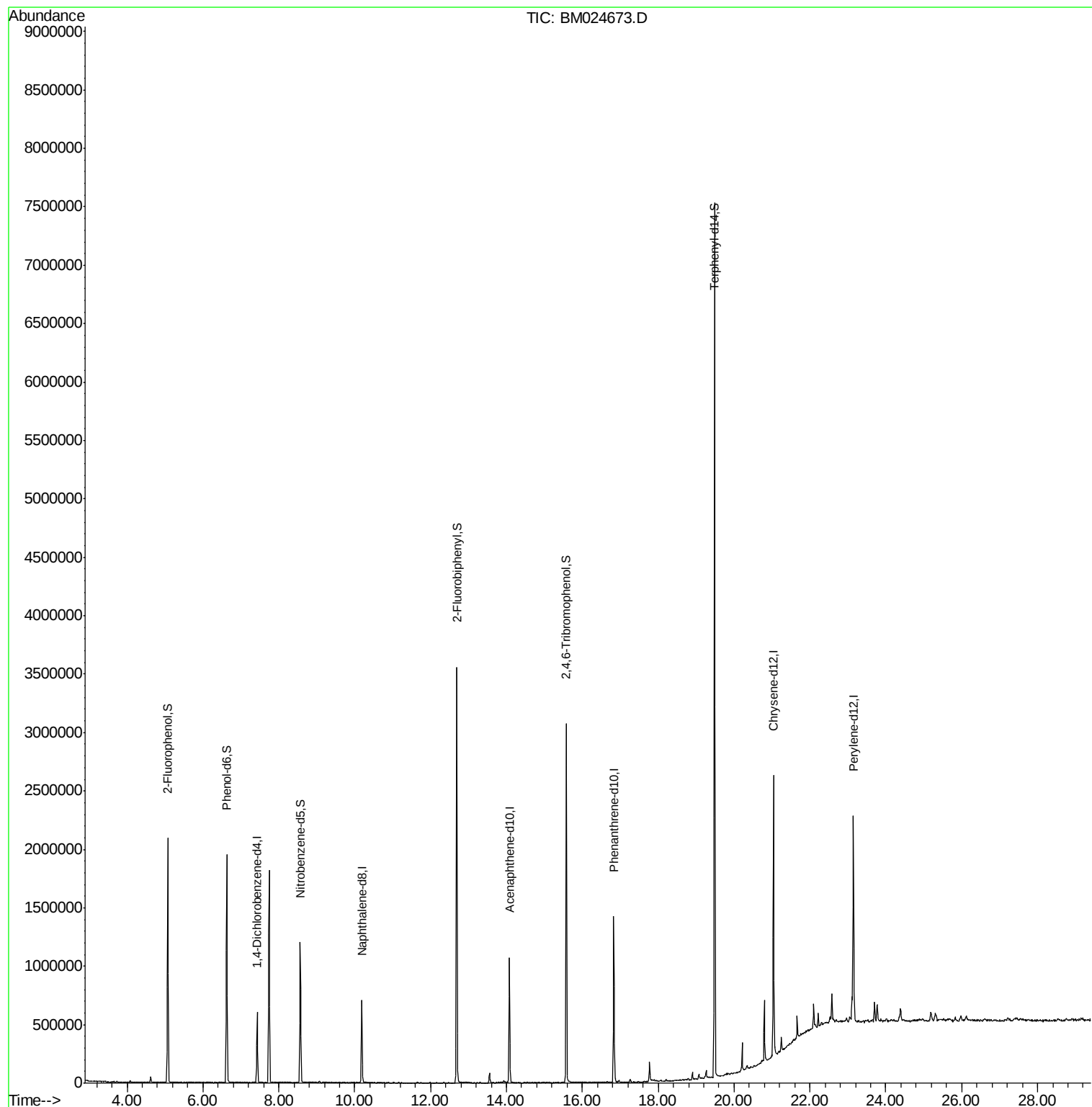
Target Compounds Qvalue

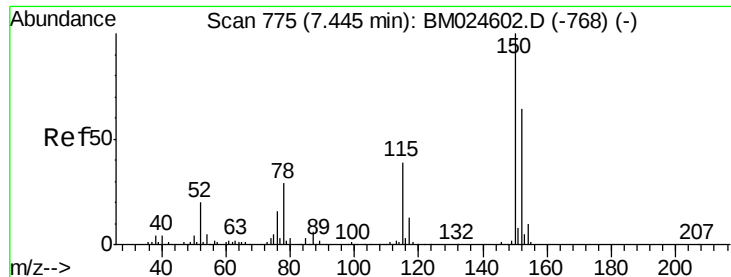
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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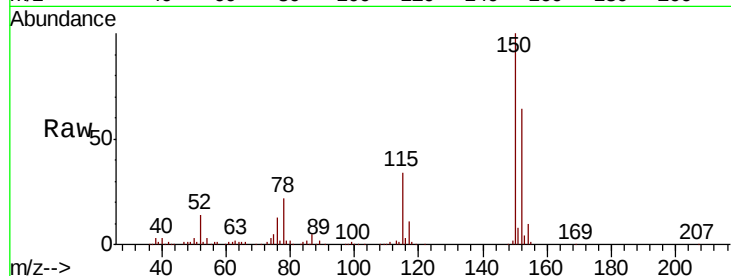


#1

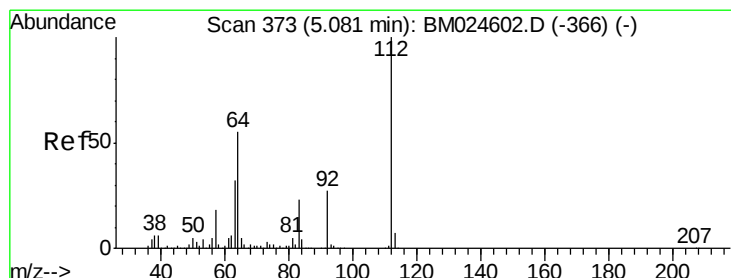
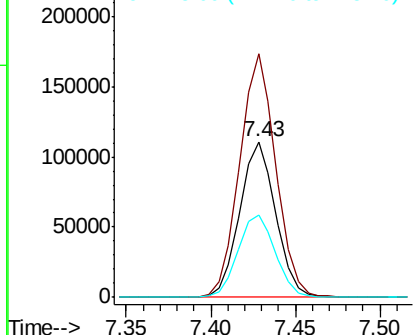
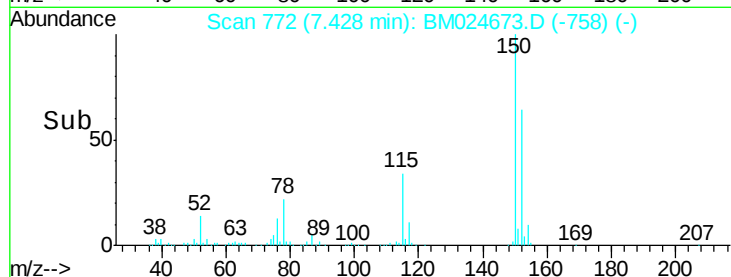
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.4
115	52.9	48.6	72.8



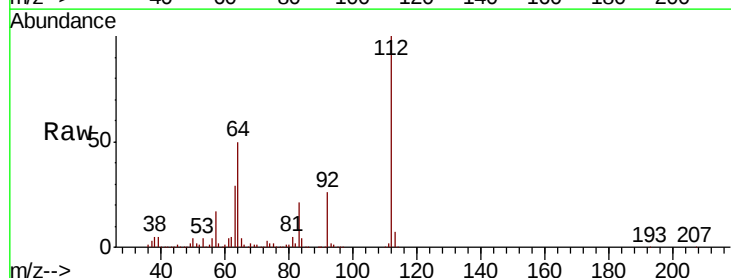
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



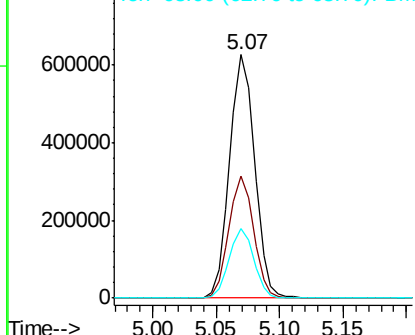
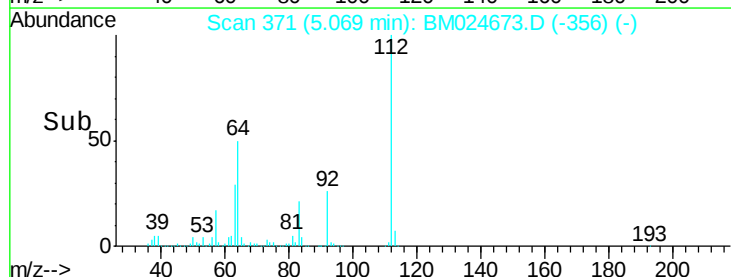
#5

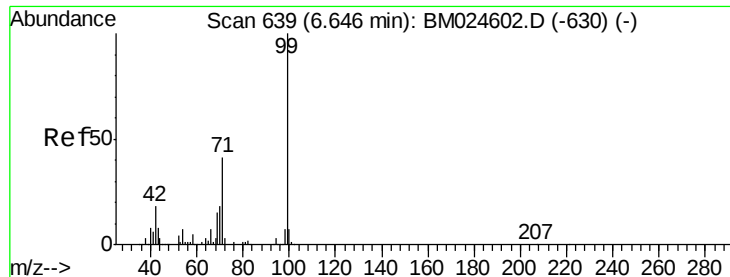
2-Fluorophenol
Concen: 99.906 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	44.2	66.4
63	28.6	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: 89.550 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

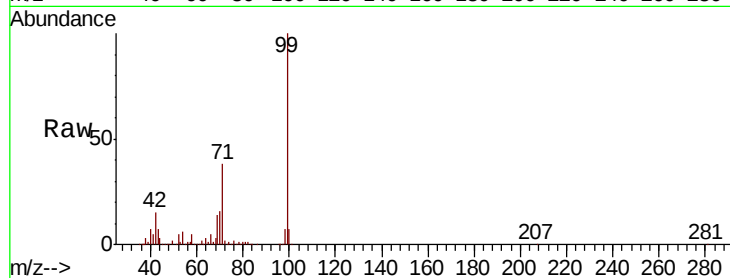
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1059995

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	38.2	33.0	49.6

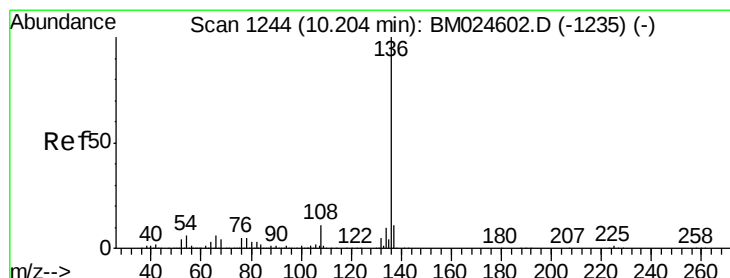
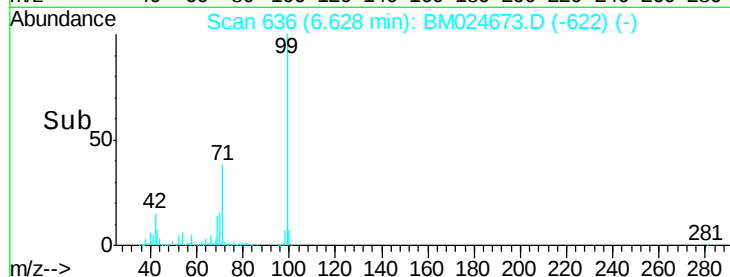
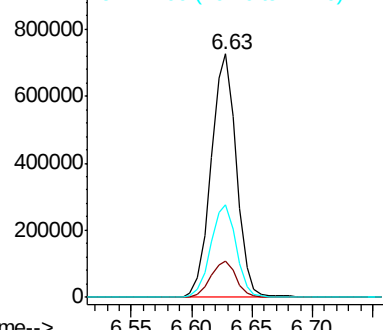


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

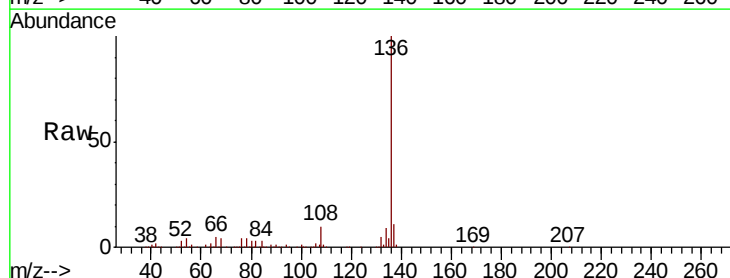
Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

Tgt Ion: 136 Resp: 593462

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.4	4.5	6.7#
68	3.7	3.4	5.0



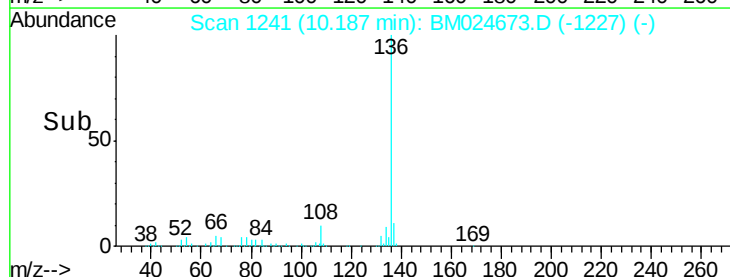
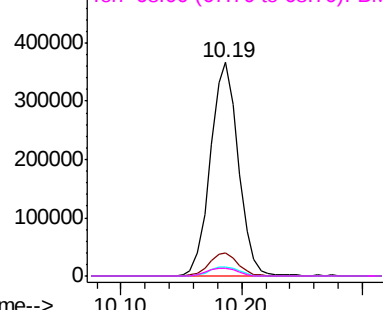
Abundance

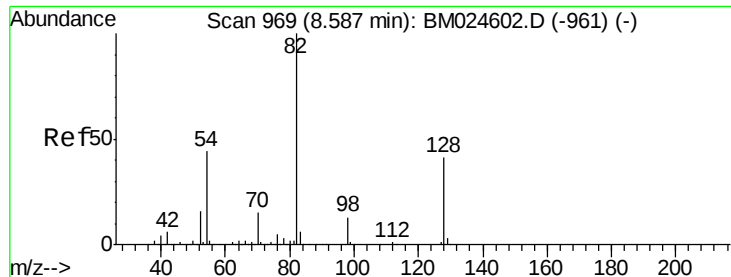
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

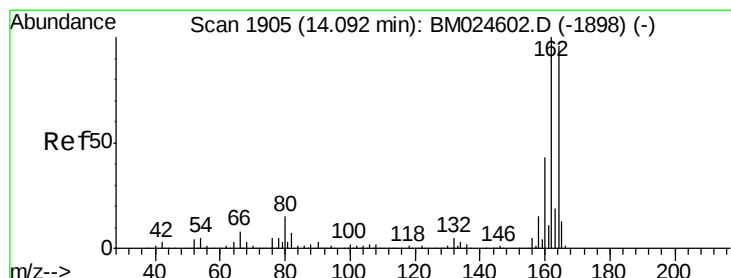
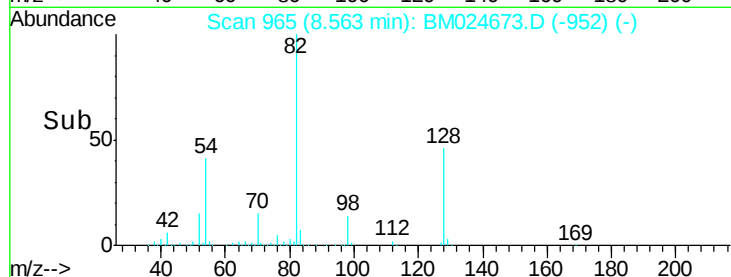
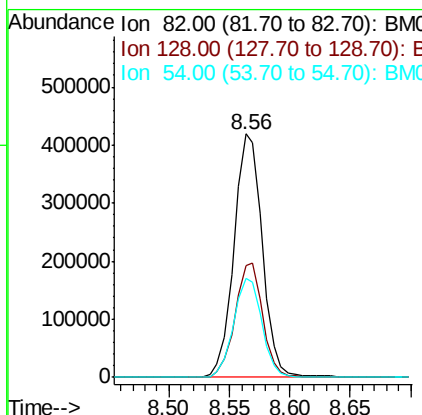
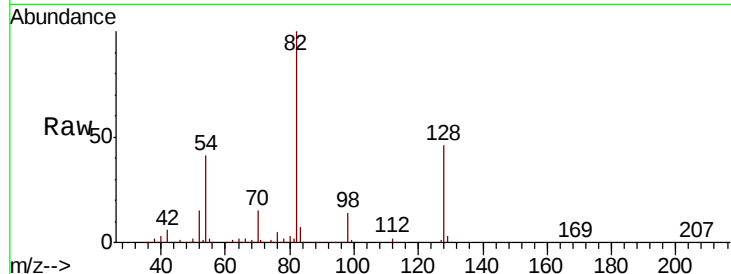




#23
 Nitrobenzene-d5
 Concen: 56.675 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024673.D
 Acq: 30 Jan 2020 23:55

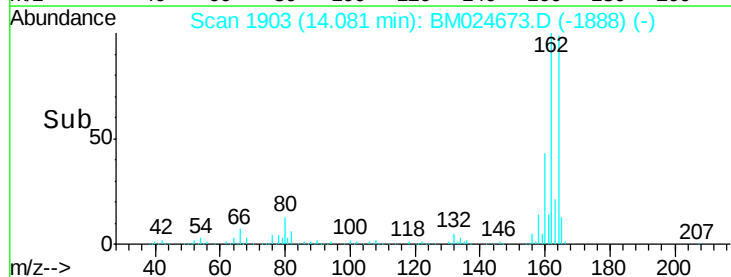
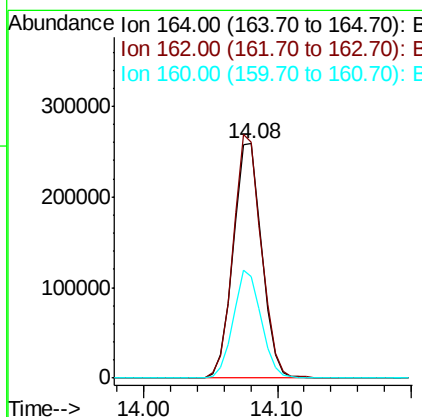
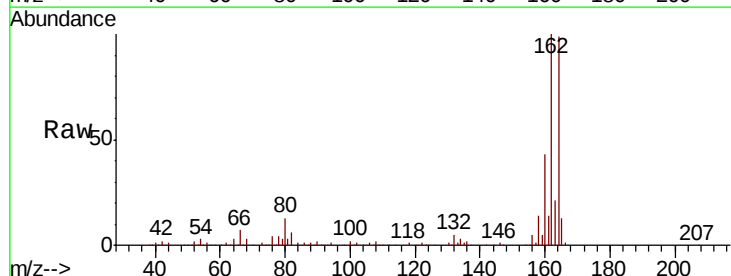
Instrument :
 BNA_M
 ClientSampled :

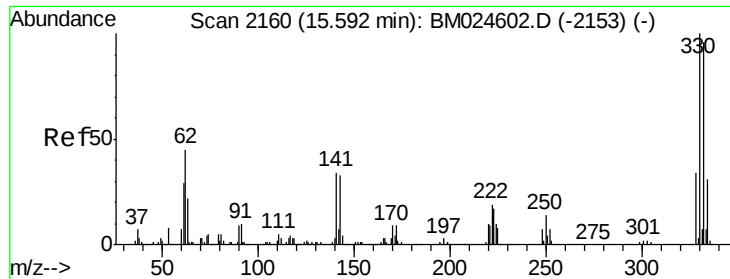
Tot Ion	82	Resp	685831
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.6	48.8
54	40.5	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM024673.D
 Acq: 30 Jan 2020 23:55

Tgt Ion	164	Resp	386056
Ion Ratio	Lower	Upper	
164	100		
162	100.5	82.9	124.3
160	43.3	35.5	53.3

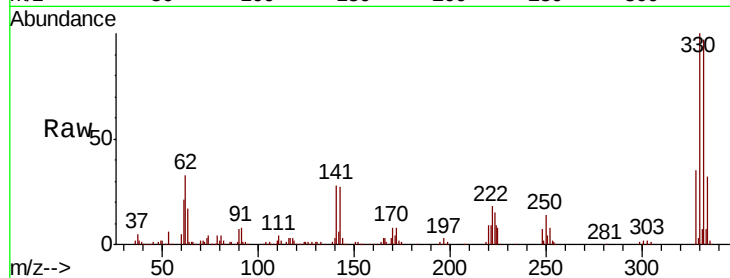




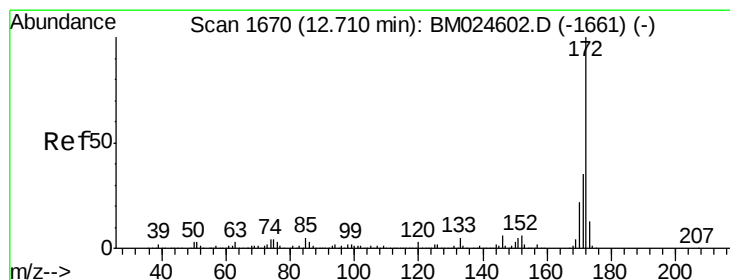
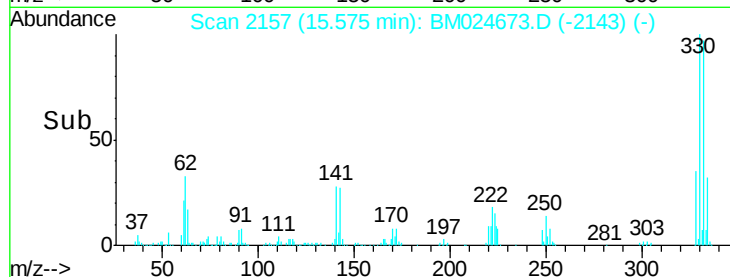
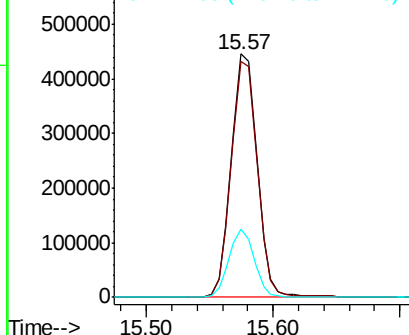
#42
 2,4,6-Tribromophenol
 Concen: 100.714 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024673.D
 Acq: 30 Jan 2020 23:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 632461
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 27.4 26.9 40.3

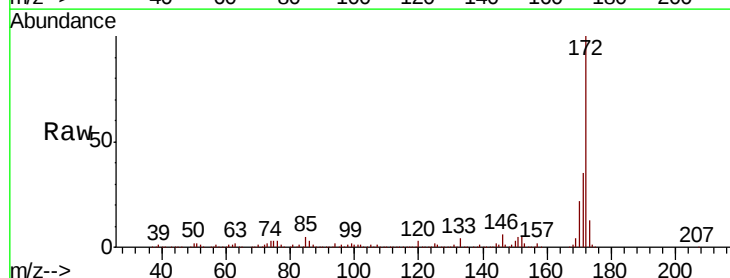


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

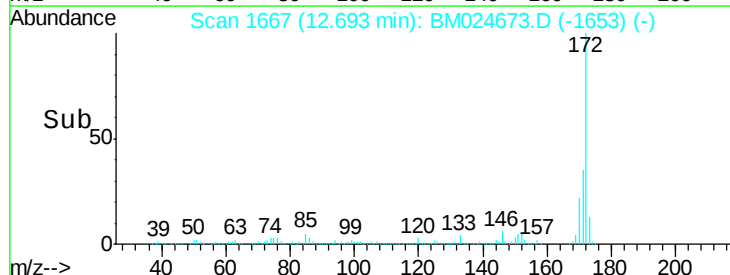
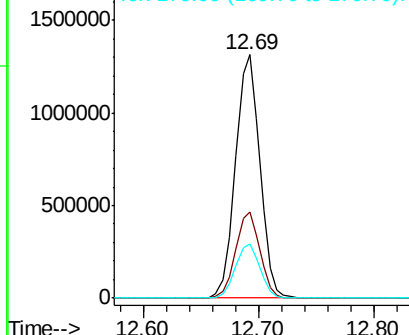


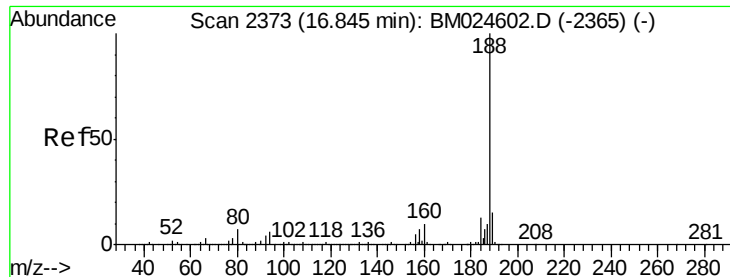
#45
 2-Fluorobiphenyl
 Concen: 67.709 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024673.D
 Acq: 30 Jan 2020 23:55

Tgt Ion:172 Resp: 1922718
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.5 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

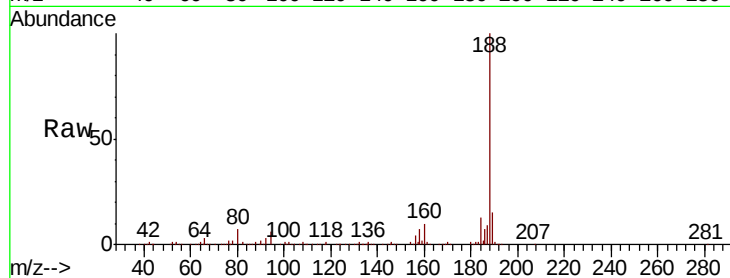




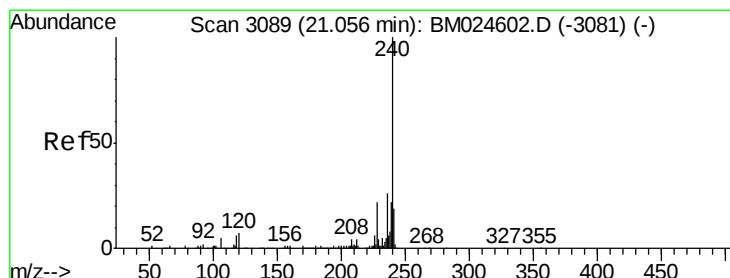
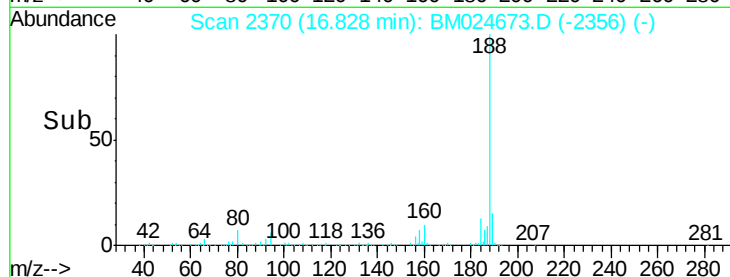
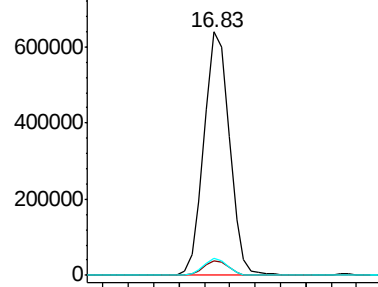
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 890737
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.6
80 7.0 5.8 8.8

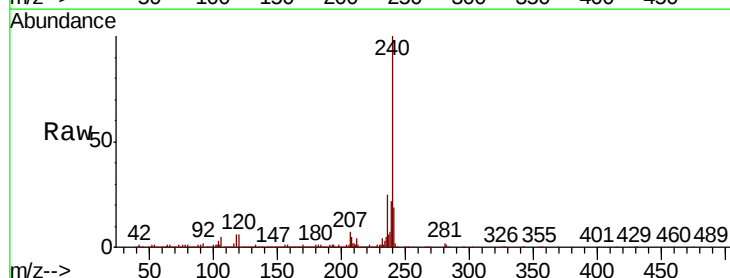


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

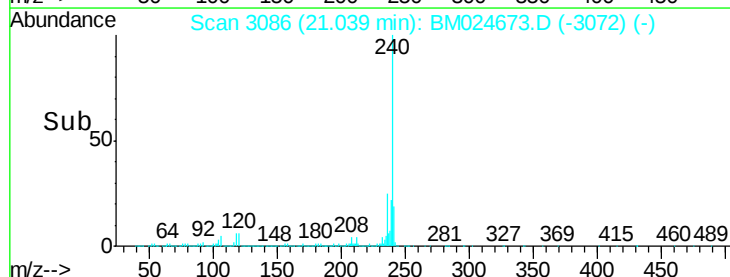
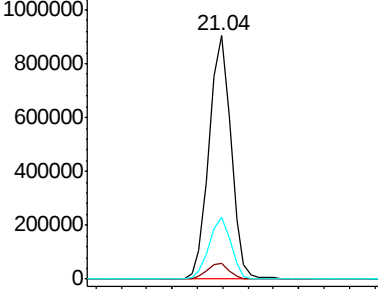


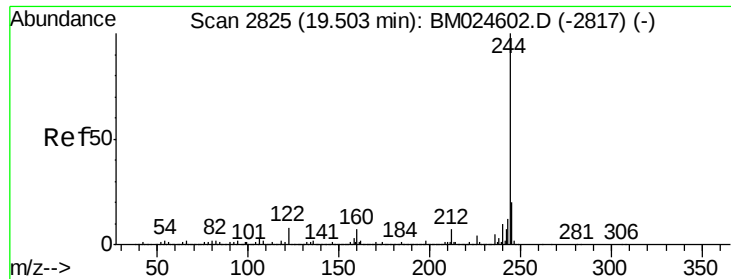
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024673.D
Acq: 30 Jan 2020 23:55

Tgt Ion:240 Resp: 1082259
Ion Ratio Lower Upper
240 100
120 6.3 5.3 7.9
236 25.5 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: 67.536 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

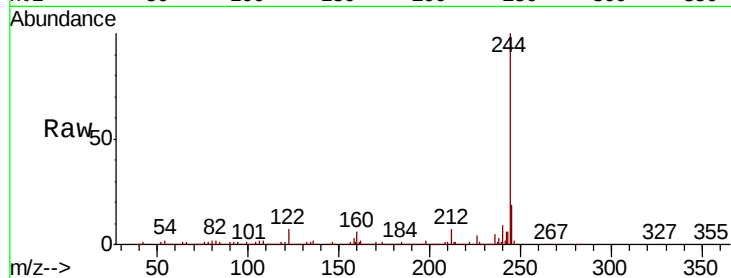
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3915128

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.2	6.2	9.4

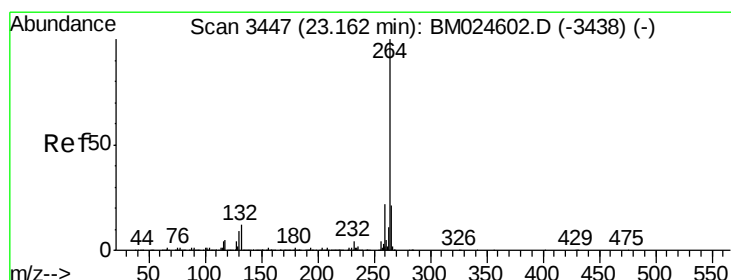
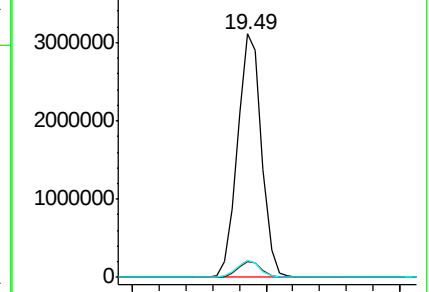
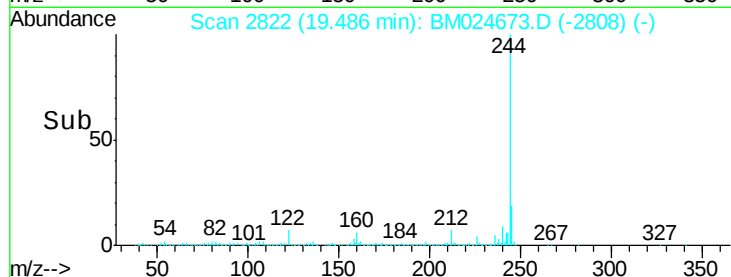


Abundance

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: 23.14 min Scan# 3444

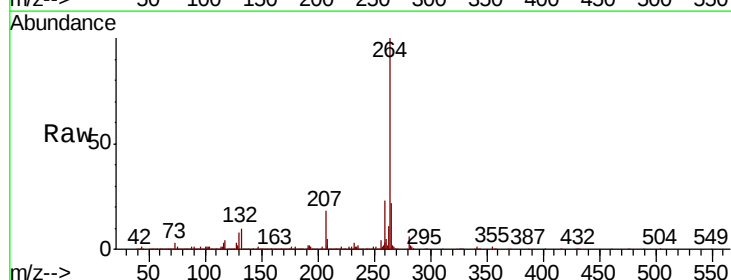
Delta R.T. -0.02 min

Lab File: BM024673.D

Acq: 30 Jan 2020 23:55

Tgt Ion:264 Resp: 1290924

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	21.7	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

