

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024683.D
 Acq On : 31 Jan 2020 19:46
 Operator : CG/JU
 Sample : PB126427BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:59:46 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	7.42	152	193233	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	691163	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	467698	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1117765	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1236612	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1390886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1505701	148.19	ng	-0.01
7) Phenol-d6	6.63	99	1791618	128.00	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1166513	82.77	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1148688	150.99	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3269081	95.03	ng	-0.02
79) Terphenyl-d14	19.49	244	6918204	104.44	ng	-0.02

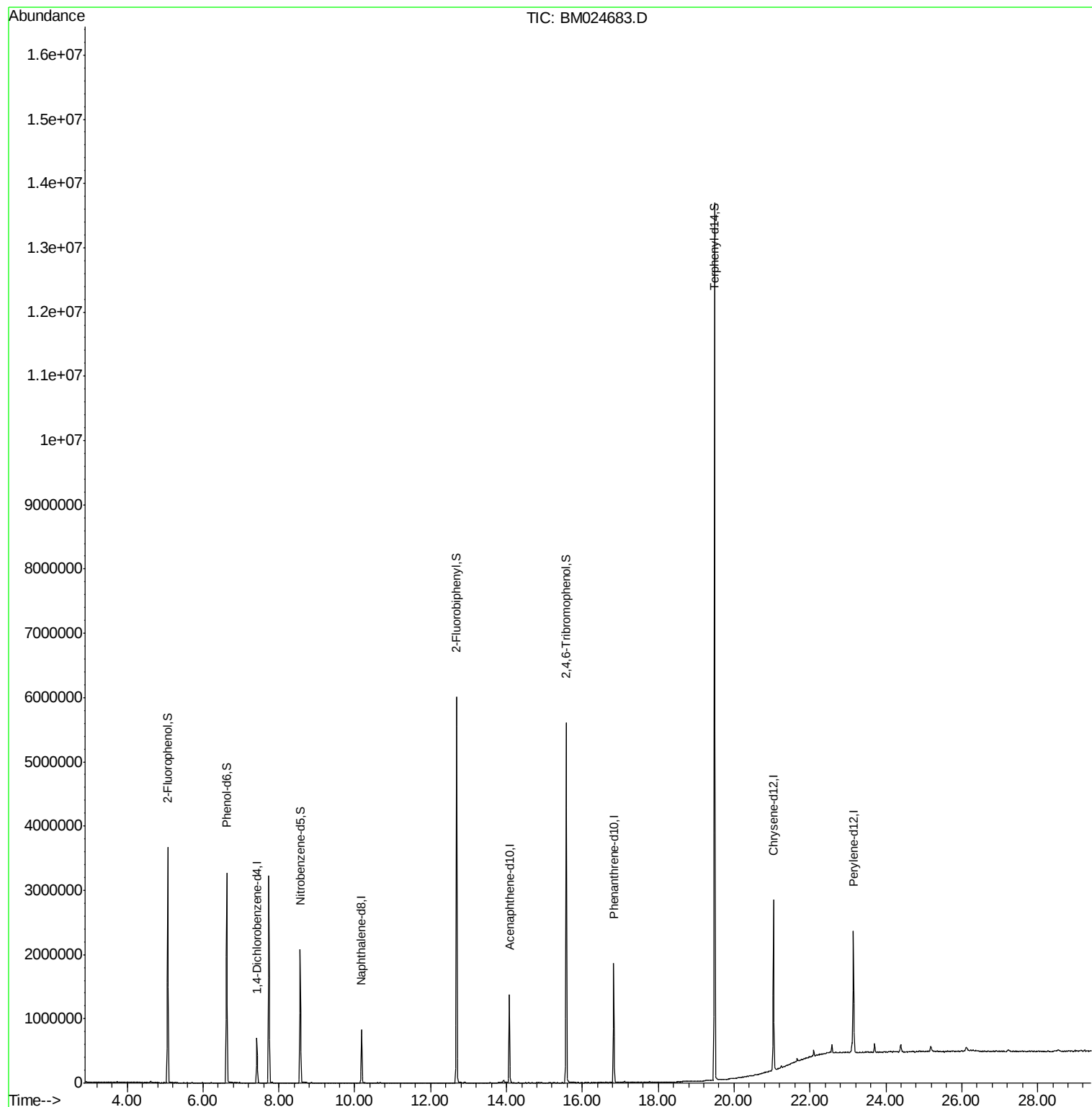
Target Compounds Qvalue

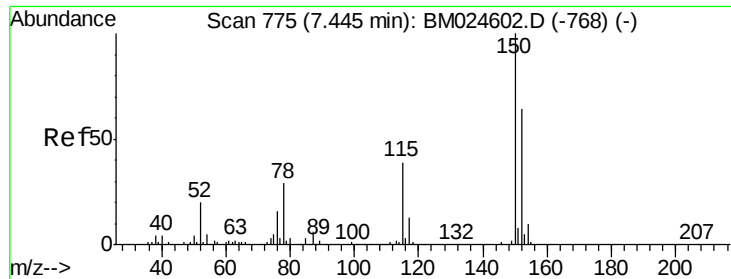
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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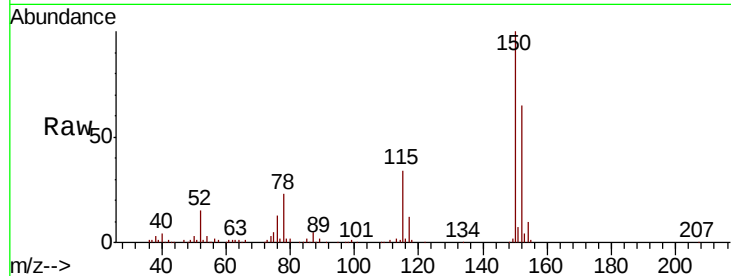


#1

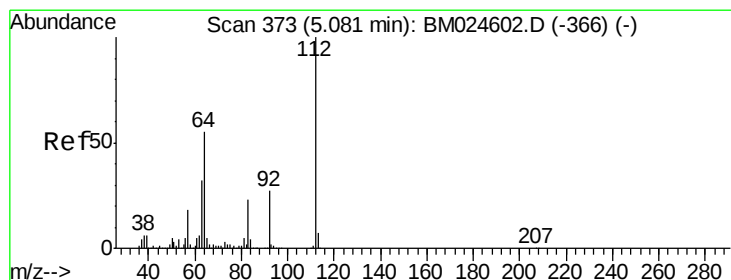
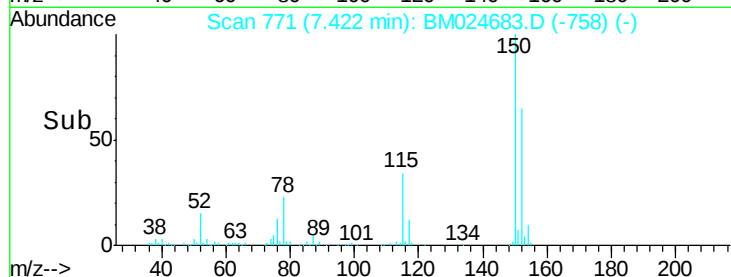
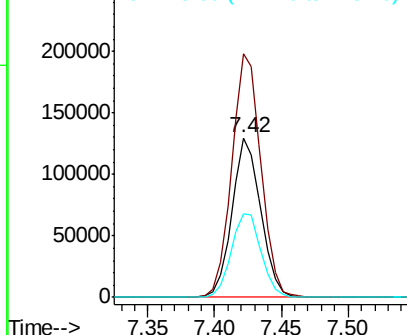
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024683.D
Acq: 31 Jan 2020 19:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 193233
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.4
115 52.5 48.6 72.8



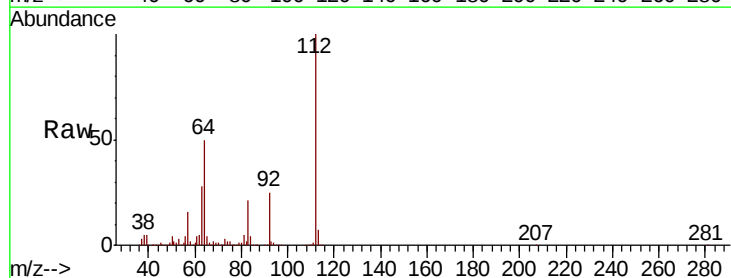
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



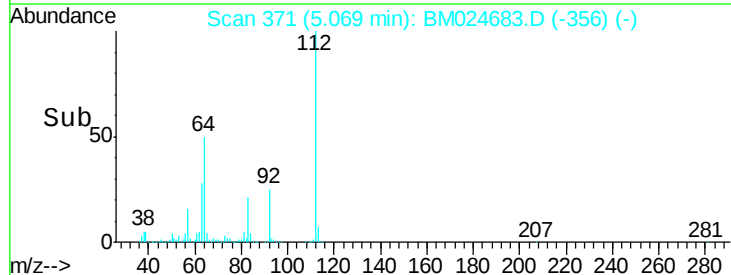
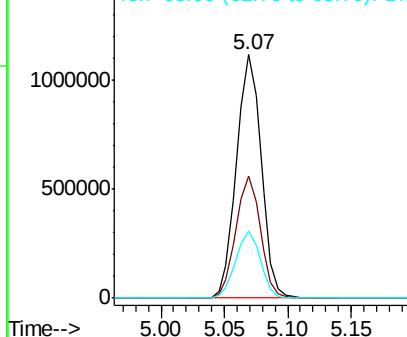
#5

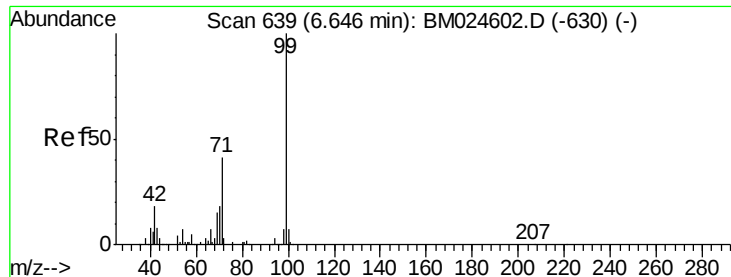
2-Fluorophenol
Concen: 148.188 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024683.D
Acq: 31 Jan 2020 19:46

Tgt Ion:112 Resp: 1505701
Ion Ratio Lower Upper
112 100
64 50.1 44.2 66.4
63 27.7 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: 127.999 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024683.D

Acq: 31 Jan 2020 19:46

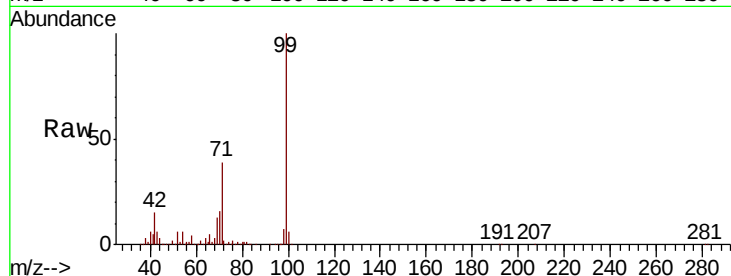
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1791618

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	38.9	33.0	49.6

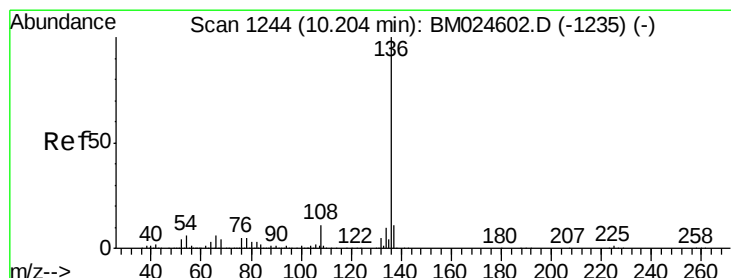
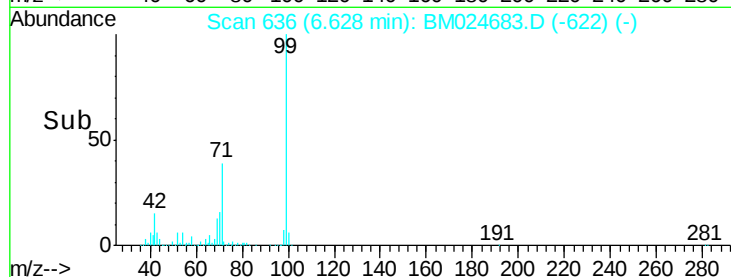
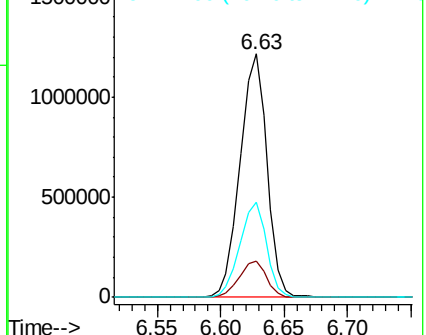


Abundance

Ion 99.00 (98.70 to 99.70): BM024683.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024683.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024683.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

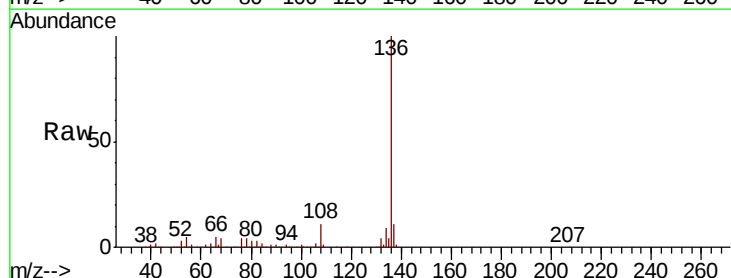
Delta R.T. -0.02 min

Lab File: BM024683.D

Acq: 31 Jan 2020 19:46

Tgt Ion: 136 Resp: 691163

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.7	4.5	6.7
68	4.0	3.4	5.0



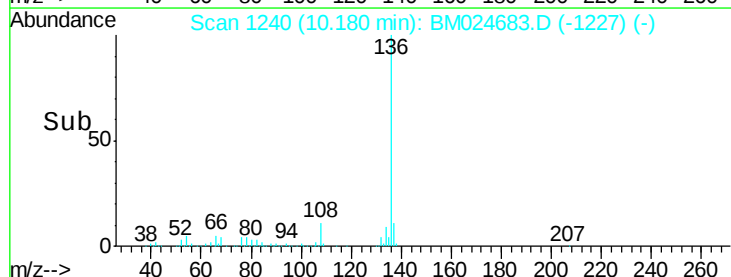
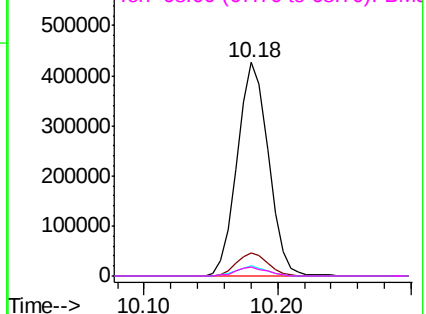
Abundance

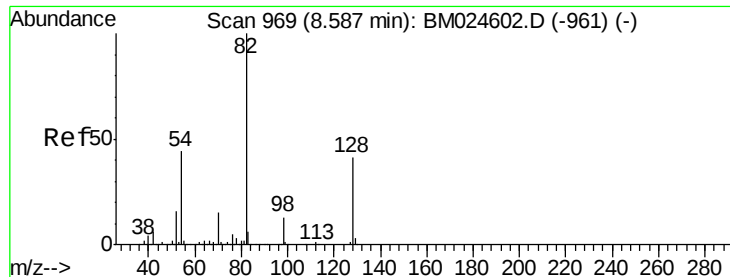
Ion 136.00 (135.70 to 136.70): BM024683.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024683.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024683.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024683.D (-1227) (-)



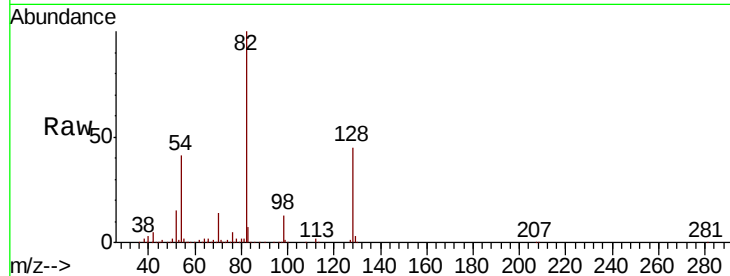


#23
 Nitrobenzene-d5
 Concen: 82.770 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024683.D
 Acq: 31 Jan 2020 19:46

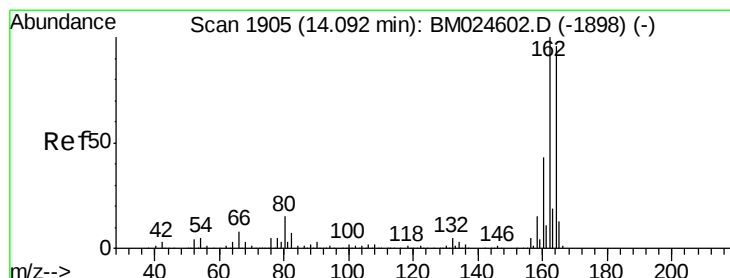
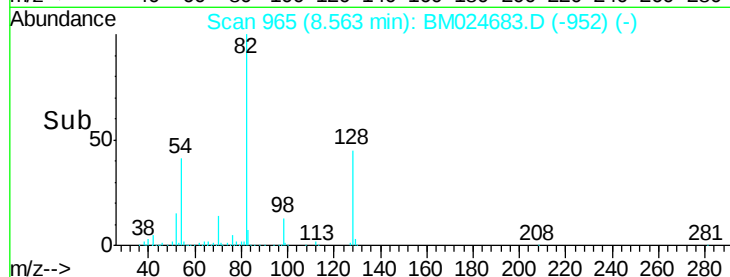
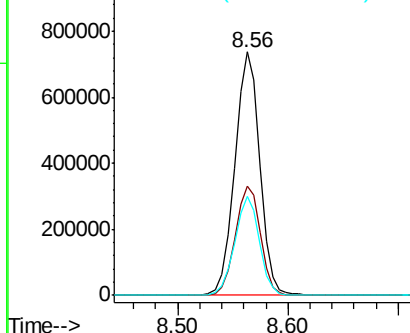
Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1166513

Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.6	48.8
54	40.7	34.8	52.2



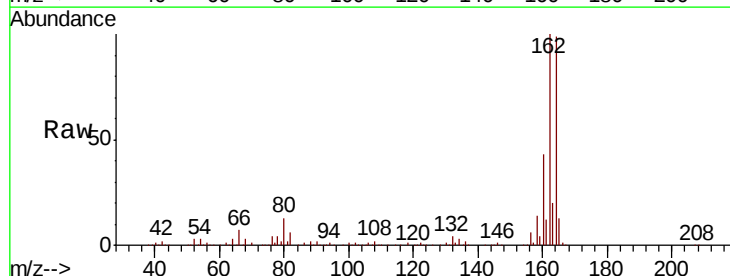
Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0



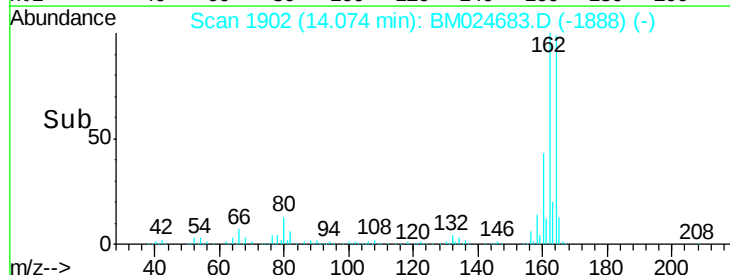
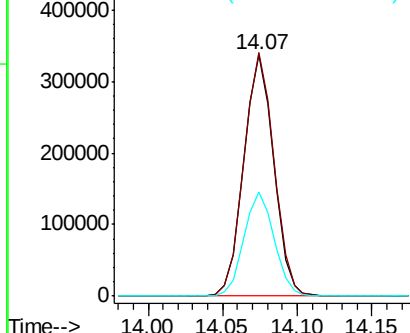
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024683.D
 Acq: 31 Jan 2020 19:46

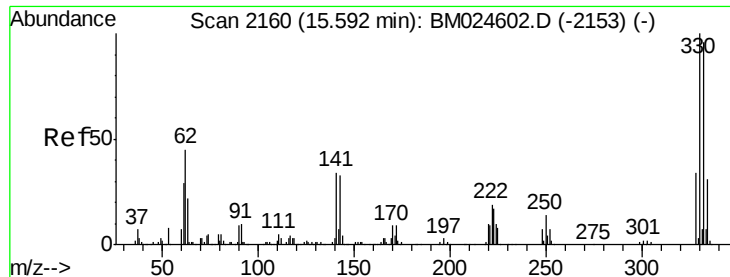
Tgt Ion:164 Resp: 467698

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.9	124.3
160	42.9	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

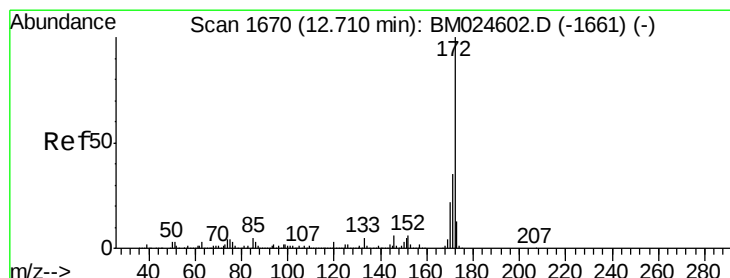
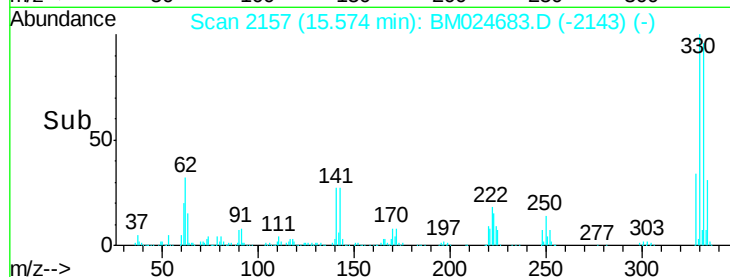
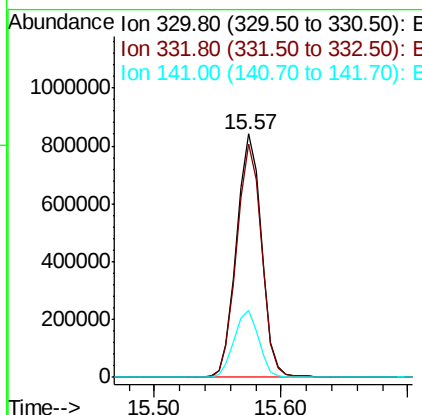
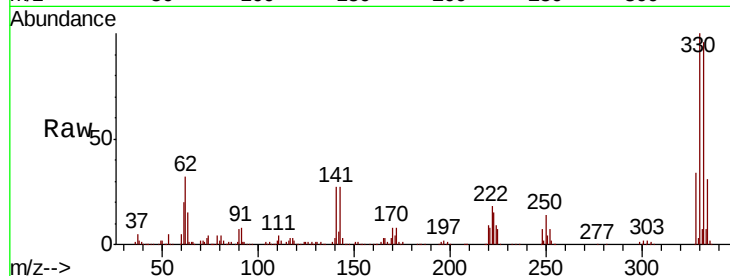




#42
 2,4,6-Tribromophenol
 Concen: 150.988 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024683.D
 Acq: 31 Jan 2020 19:46

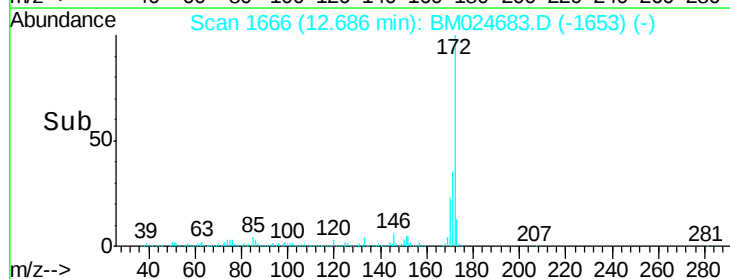
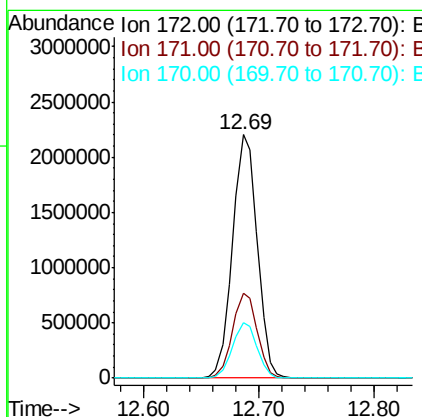
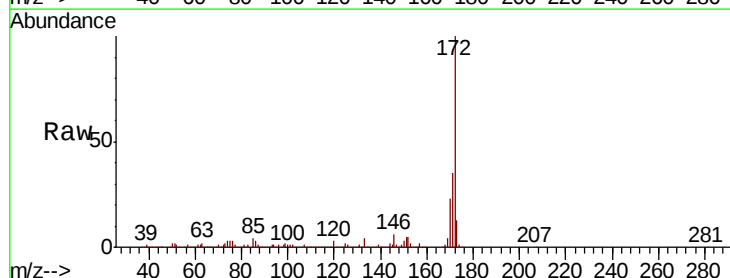
Instrument :
 BNA_M
 ClientSampleId :

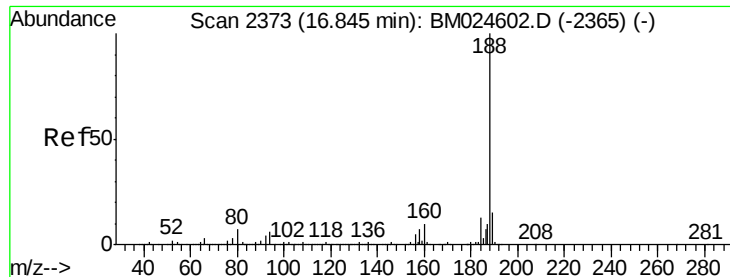
Tot Ion:330 Resp: 1148688
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 27.2 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 95.026 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024683.D
 Acq: 31 Jan 2020 19:46

Tgt Ion:172 Resp: 3269081
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 22.7 17.9 26.9

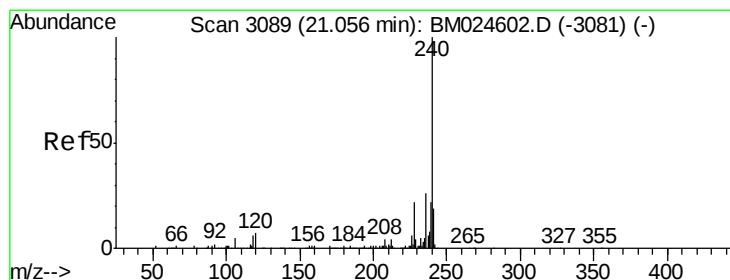
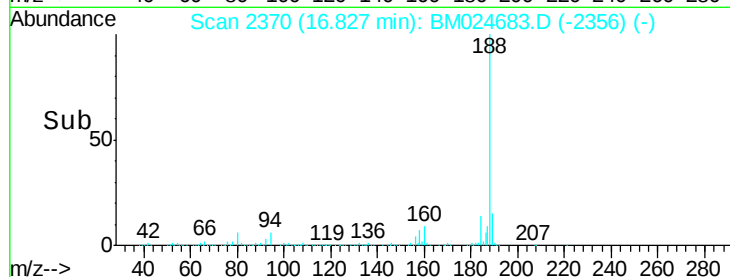
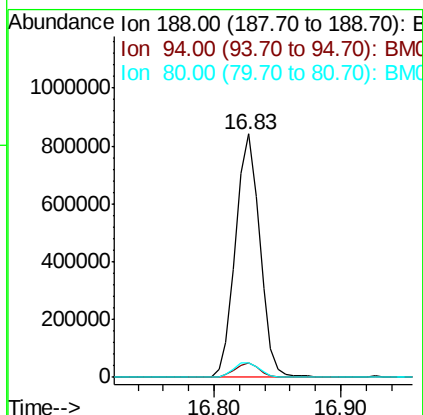
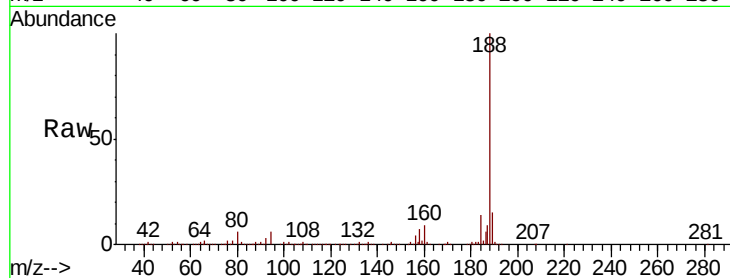




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024683.D
Acq: 31 Jan 2020 19:46

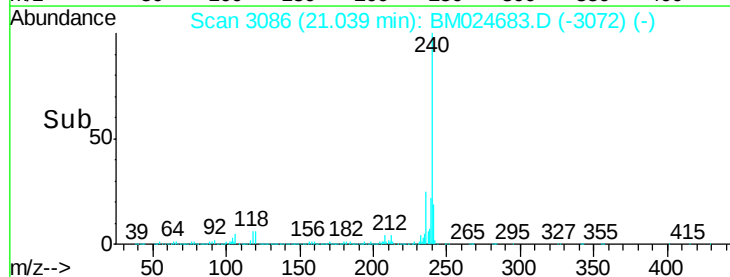
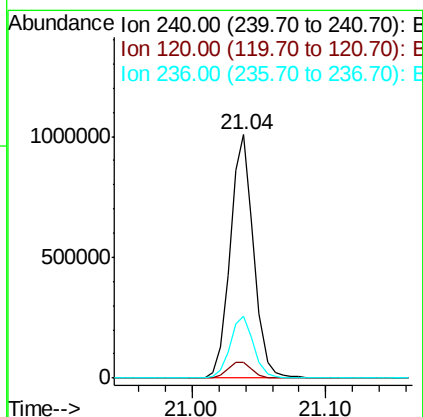
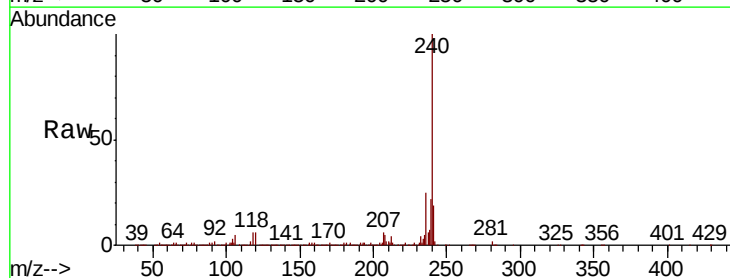
Instrument :
BNA_M
ClientSampled :

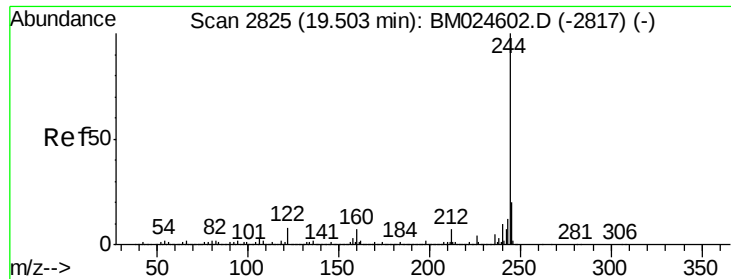
Tot Ion:188 Resp: 1117765
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.6
80 6.0 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024683.D
Acq: 31 Jan 2020 19:46

Tgt Ion:240 Resp: 1236612
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 104.444 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024683.D

Acq: 31 Jan 2020 19:46

Instrument :

BNA_M

ClientSampleId :

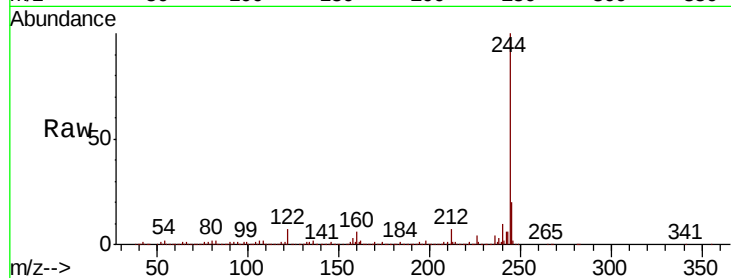
Tot Ion:244 Resp: 6918204

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

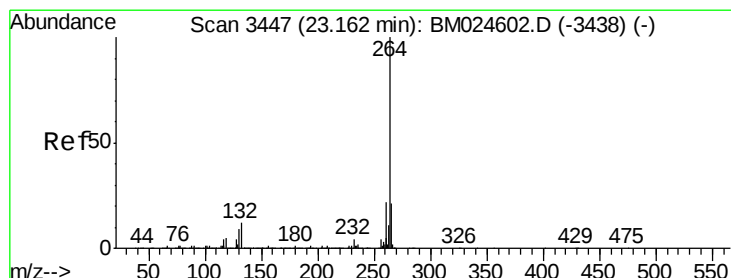
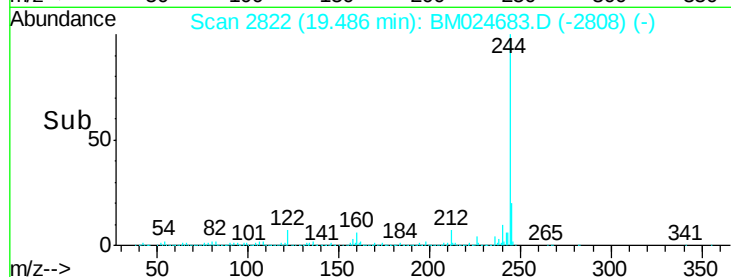
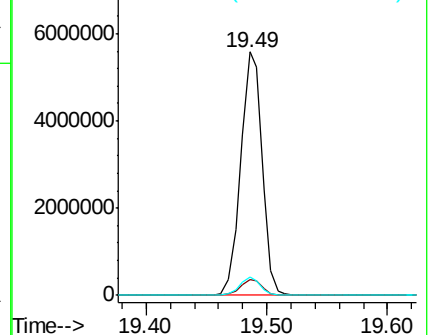
122 7.4 6.2 9.4



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: BM024683.D

Acq: 31 Jan 2020 19:46

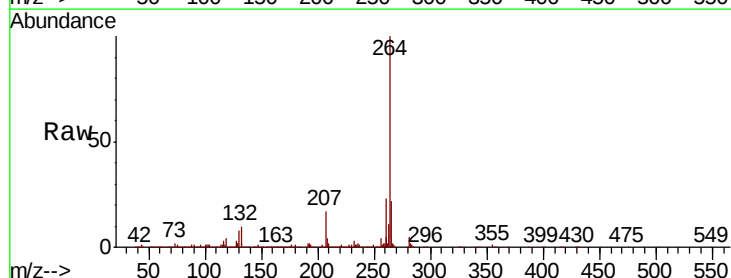
Tgt Ion:264 Resp: 1390886

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.4 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

