

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038675.D
 Acq On : 02 Feb 2023 22:24
 Operator : CG/JU
 Sample : 01285-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-2023-1-24

Quant Time: Feb 03 05:38:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	92474	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	279933	20.000	ng	#-0.01
39) Acenaphthene-d10	14.568	164	183766	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	332254	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	253003	20.000	ng	-0.01
86) Perylene-d12	23.886	264	345679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	339153	71.844	ng	0.00
7) Phenol-d6	7.110	99	235830	43.801	ng	0.00
23) Nitrobenzene-d5	9.104	82	425270	86.290	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	316294	126.630	ng	-0.01
45) 2-Fluorobiphenyl	13.192	172	1320219	91.463	ng	-0.01
79) Terphenyl-d14	19.927	244	1471787	102.656	ng	0.00

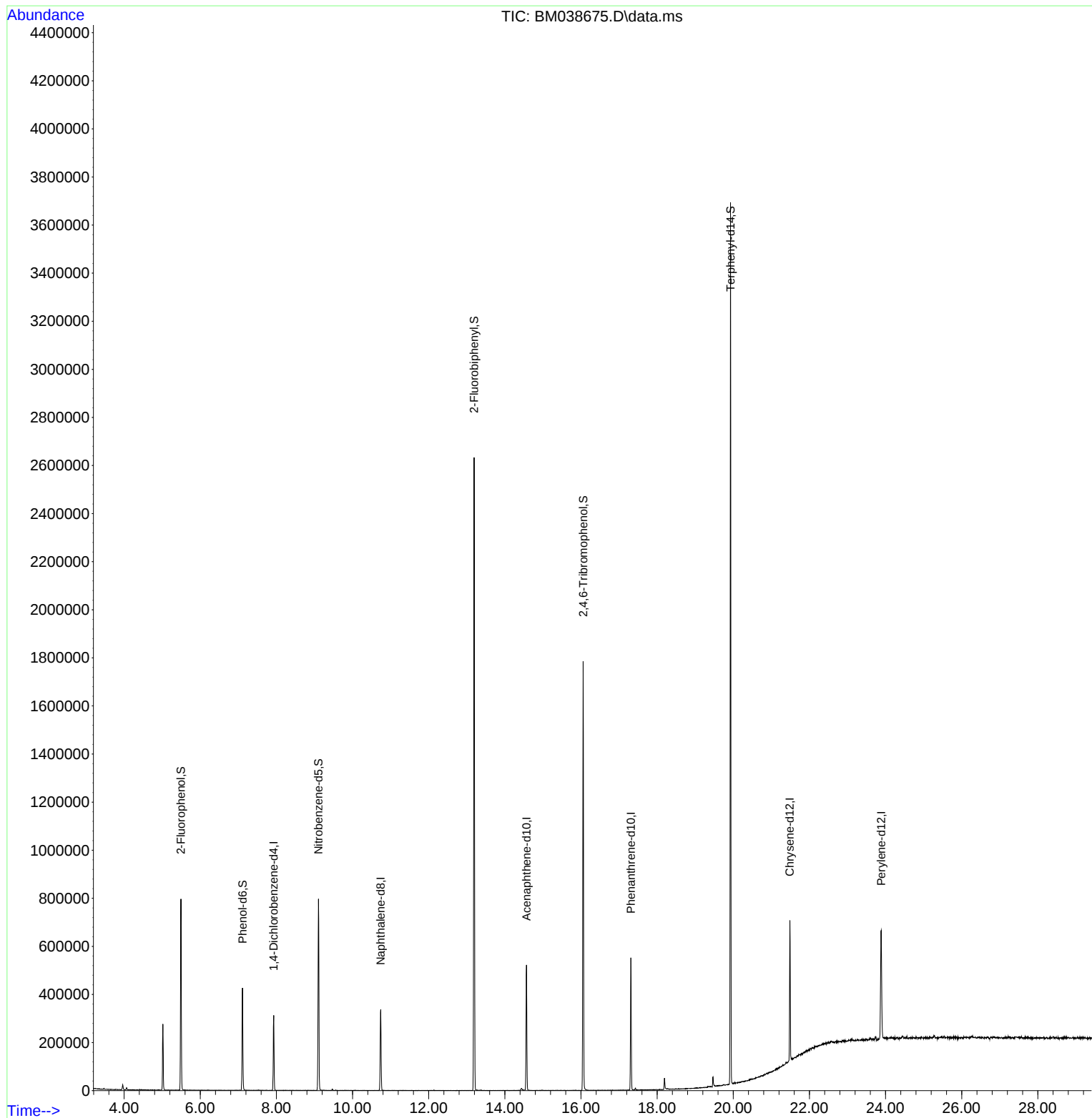
Target Compounds	Qvalue

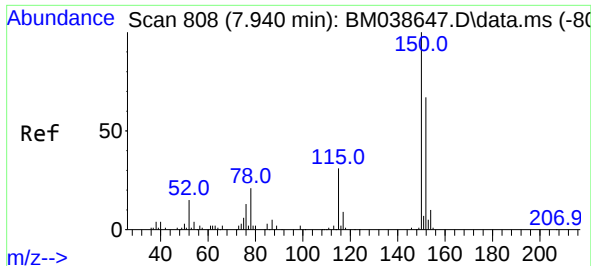
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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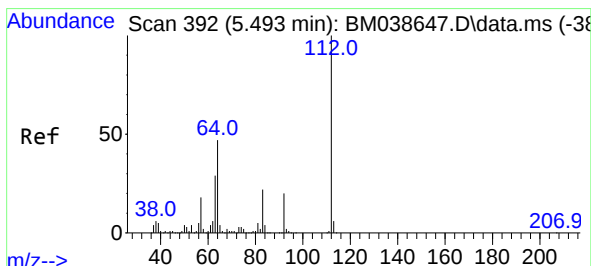
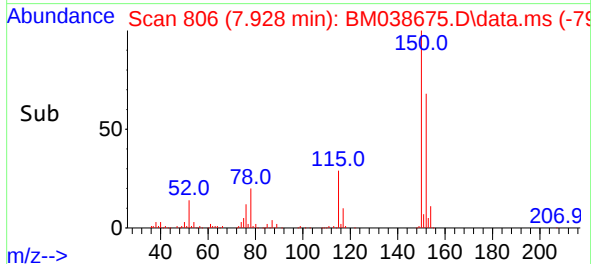
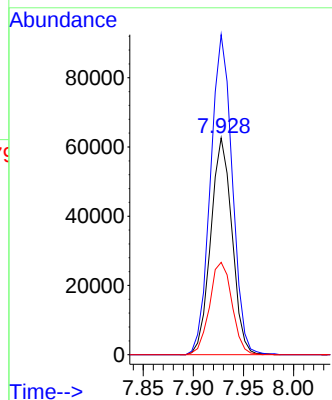
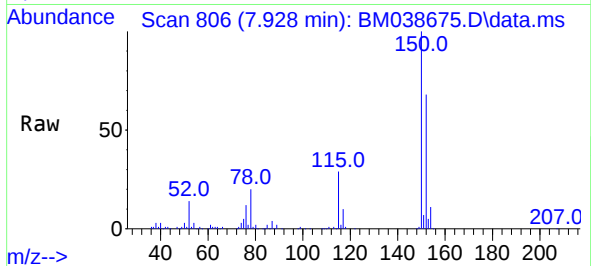




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

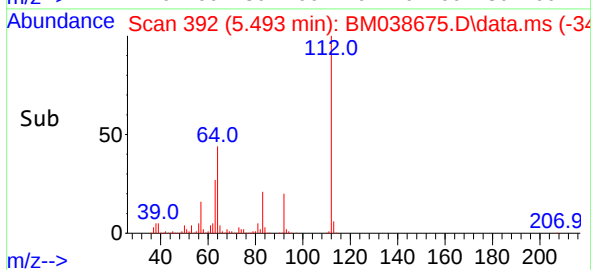
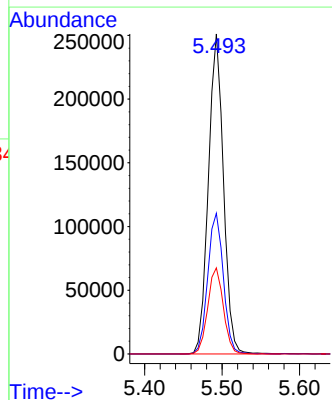
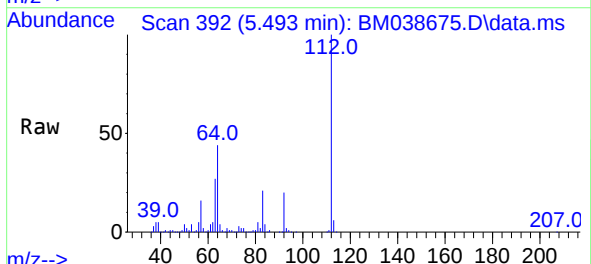
Instrument :
BNA_M
ClientSampleId :
EB-2023-1-24

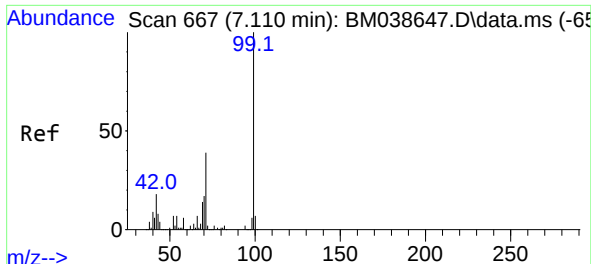
Tgt Ion:152 Resp: 92474
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 42.6 37.6 56.4



#5
2-Fluorophenol
Concen: 71.844 ng
RT: 5.493 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

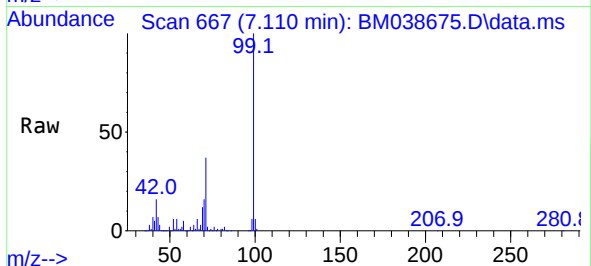
Tgt Ion:112 Resp: 339153
Ion Ratio Lower Upper
112 100
64 44.0 37.9 56.9
63 26.9 23.3 34.9



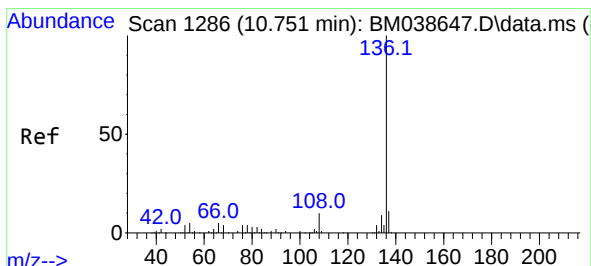
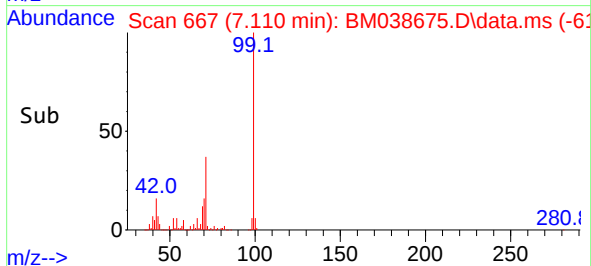
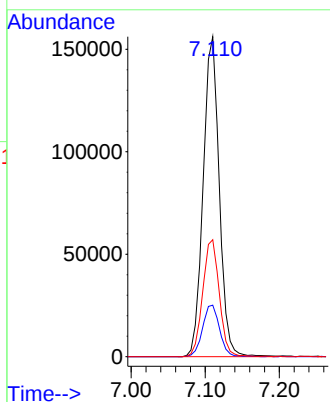


#7
Phenol-d6
Concen: 43.801 ng
RT: 7.110 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

Instrument :
BNA_M
ClientSampleId :
EB-2023-1-24

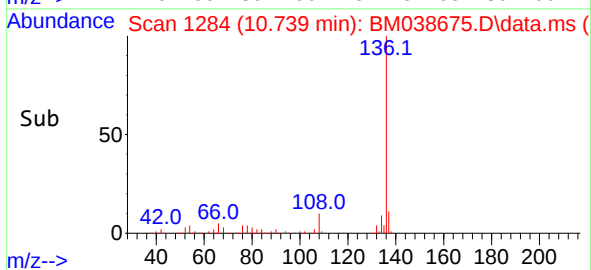
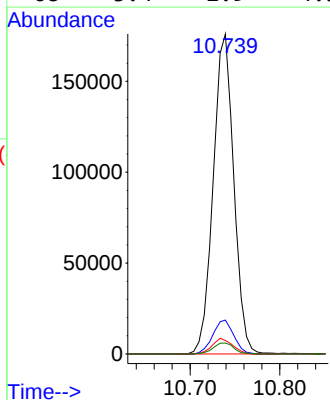
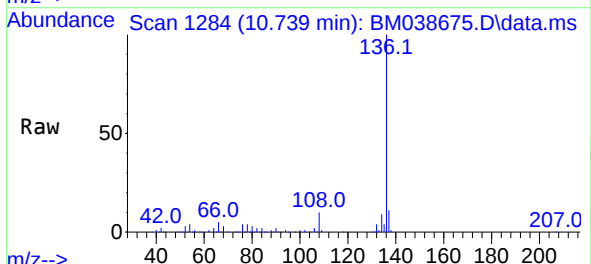


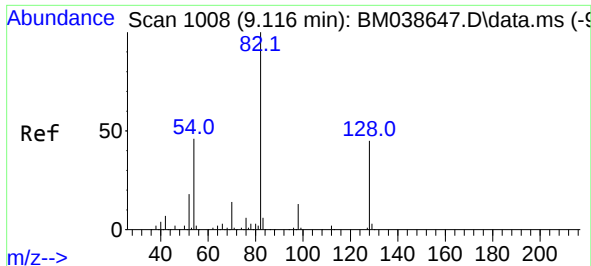
Tgt Ion: 99 Resp: 235830
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 36.5 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

Tgt Ion: 136 Resp: 279933
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 4.2 4.2 6.4#
68 3.4 2.9 4.3

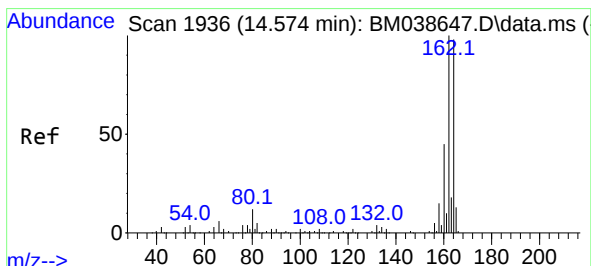
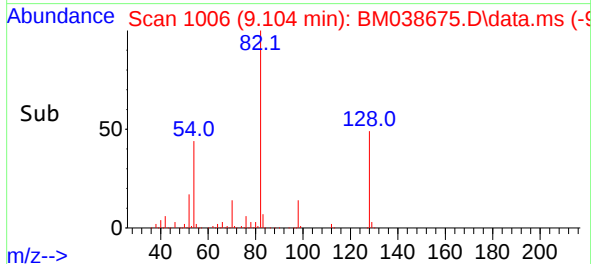
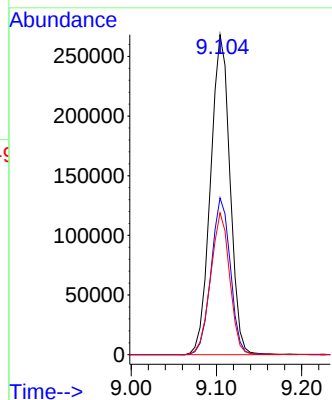
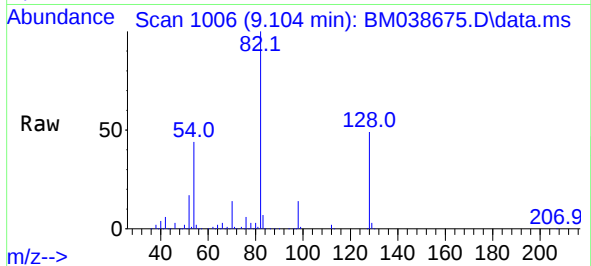




#23
Nitrobenzene-d5
Concen: 86.290 ng
RT: 9.104 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

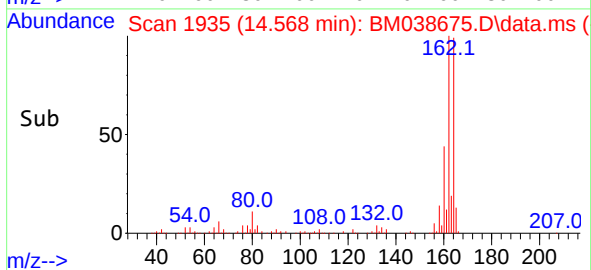
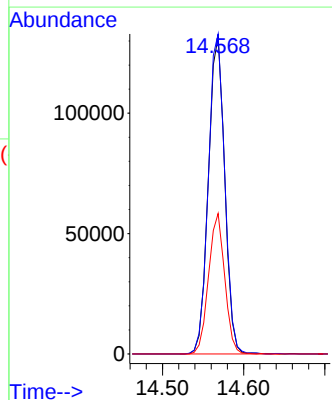
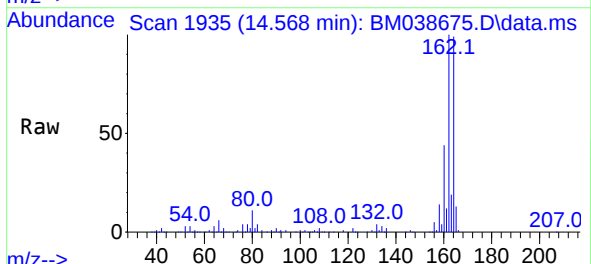
Instrument :
BNA_M
ClientSampleId :
EB-2023-1-24

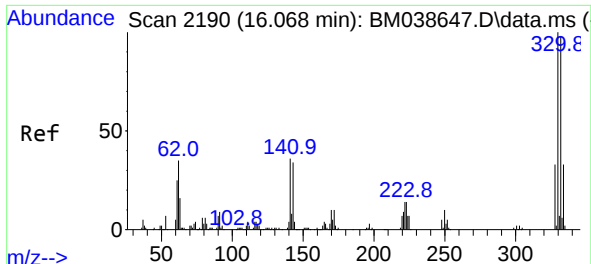
Tgt Ion: 82 Resp: 425270
Ion Ratio Lower Upper
82 100
128 49.0 36.0 54.0
54 44.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

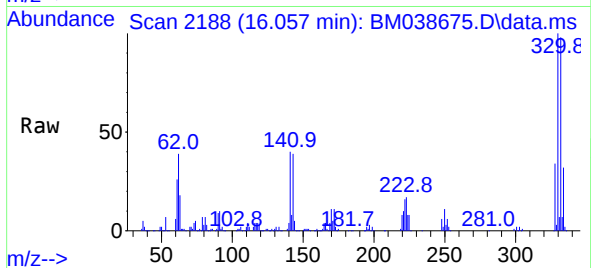
Tgt Ion: 164 Resp: 183766
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.3 36.5 54.7



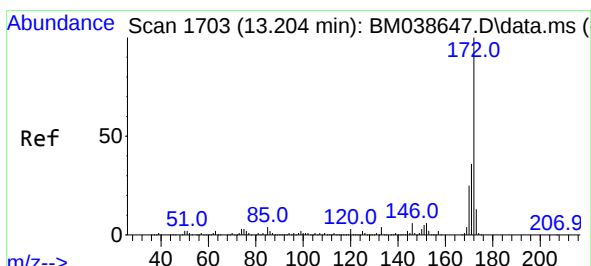
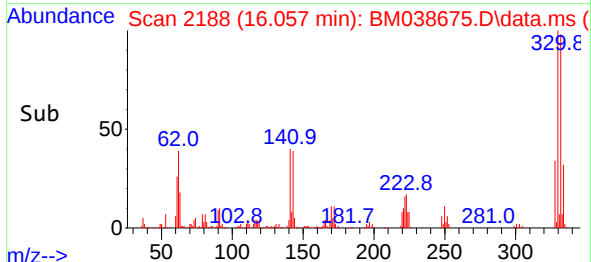
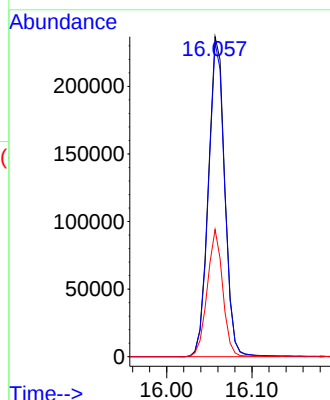


#42
2,4,6-Tribromophenol
Concen: 126.630 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

Instrument :
BNA_M
ClientSampleId :
EB-2023-1-24

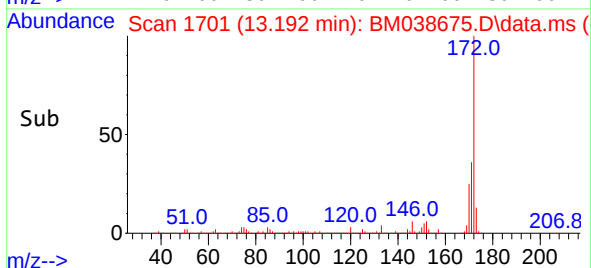
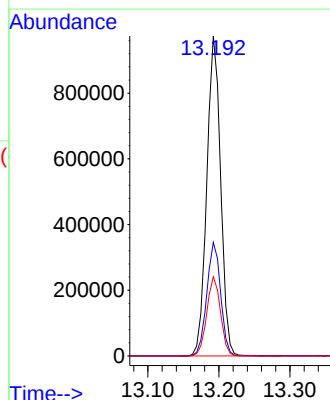
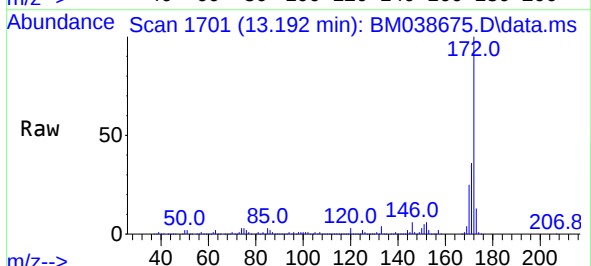


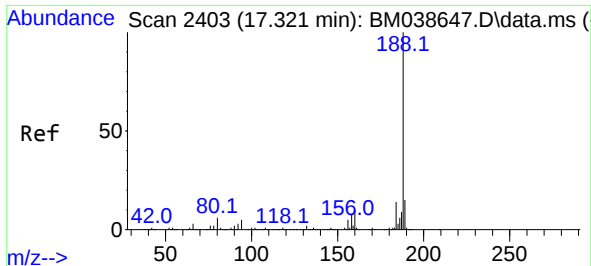
Tgt Ion:330 Resp: 316294
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.6
141 37.6 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 91.463 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

Tgt Ion:172 Resp: 1320219
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.7 20.0 30.0

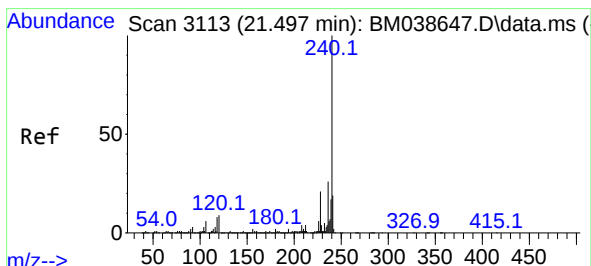
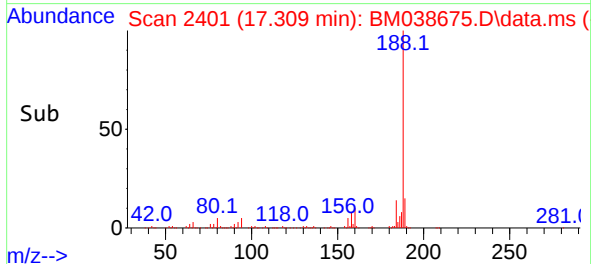
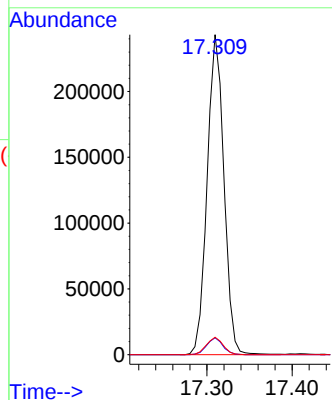
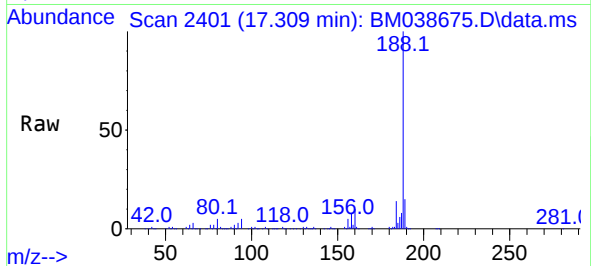




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

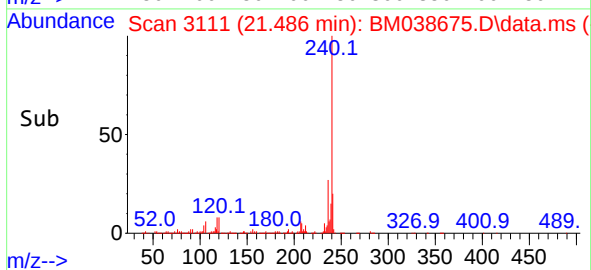
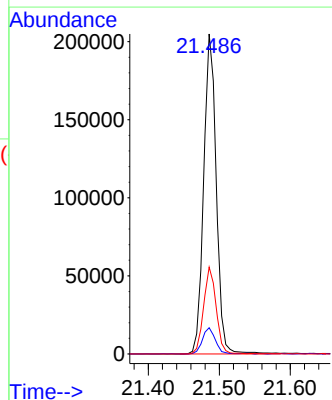
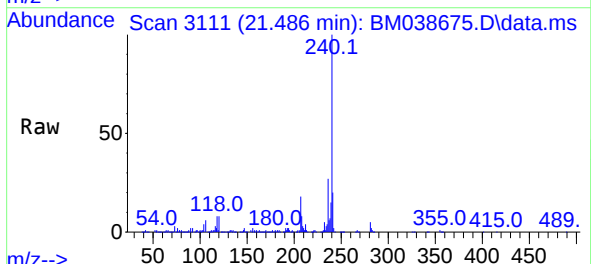
Instrument :
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ClientSampleId :
EB-2023-1-24

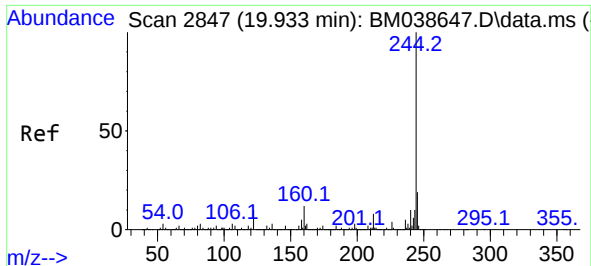
Tgt Ion:188 Resp: 332254
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.4
80 5.4 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM038675.D
Acq: 02 Feb 2023 22:24

Tgt Ion:240 Resp: 253003
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.4
236 27.1 20.9 31.3

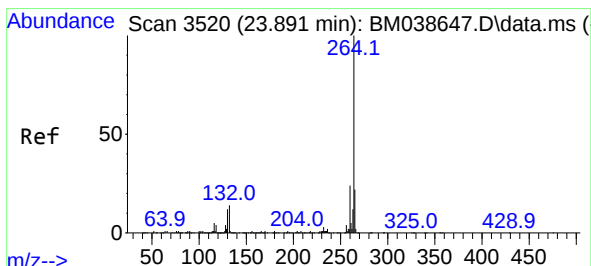
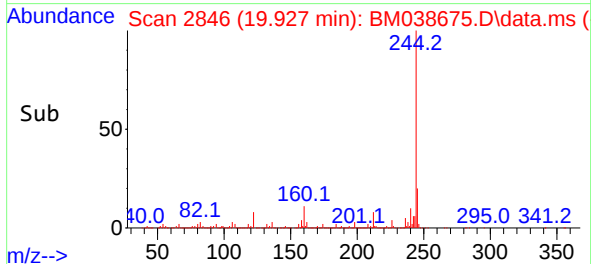
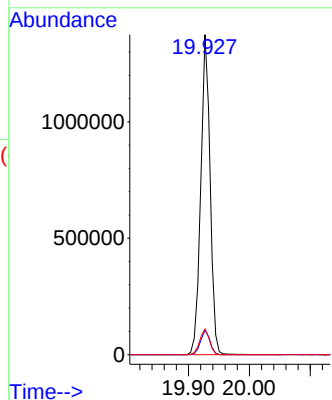
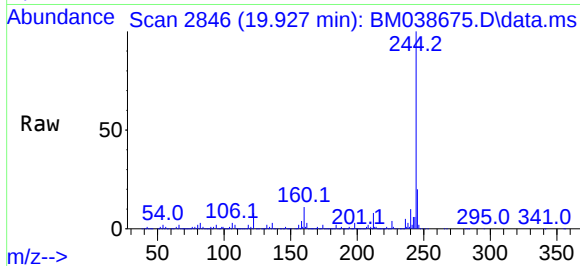




#79
 Terphenyl-d14
 Concen: 102.656 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038675.D
 Acq: 02 Feb 2023 22:24

Instrument :
 BNA_M
 ClientSampleId :
 EB-2023-1-24

Tgt Ion:244 Resp: 1471787
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.886 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM038675.D
 Acq: 02 Feb 2023 22:24

Tgt Ion:264 Resp: 345679
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 22.2 17.9 26.9

