

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032675.D
 Acq On : 22 Oct 2021 14:56
 Operator : CG/JU
 Sample : M4315-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-DD-D

Quant Time: Oct 22 15:32:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 22 11:30:44 2021
 Response via : Initial Calibration

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

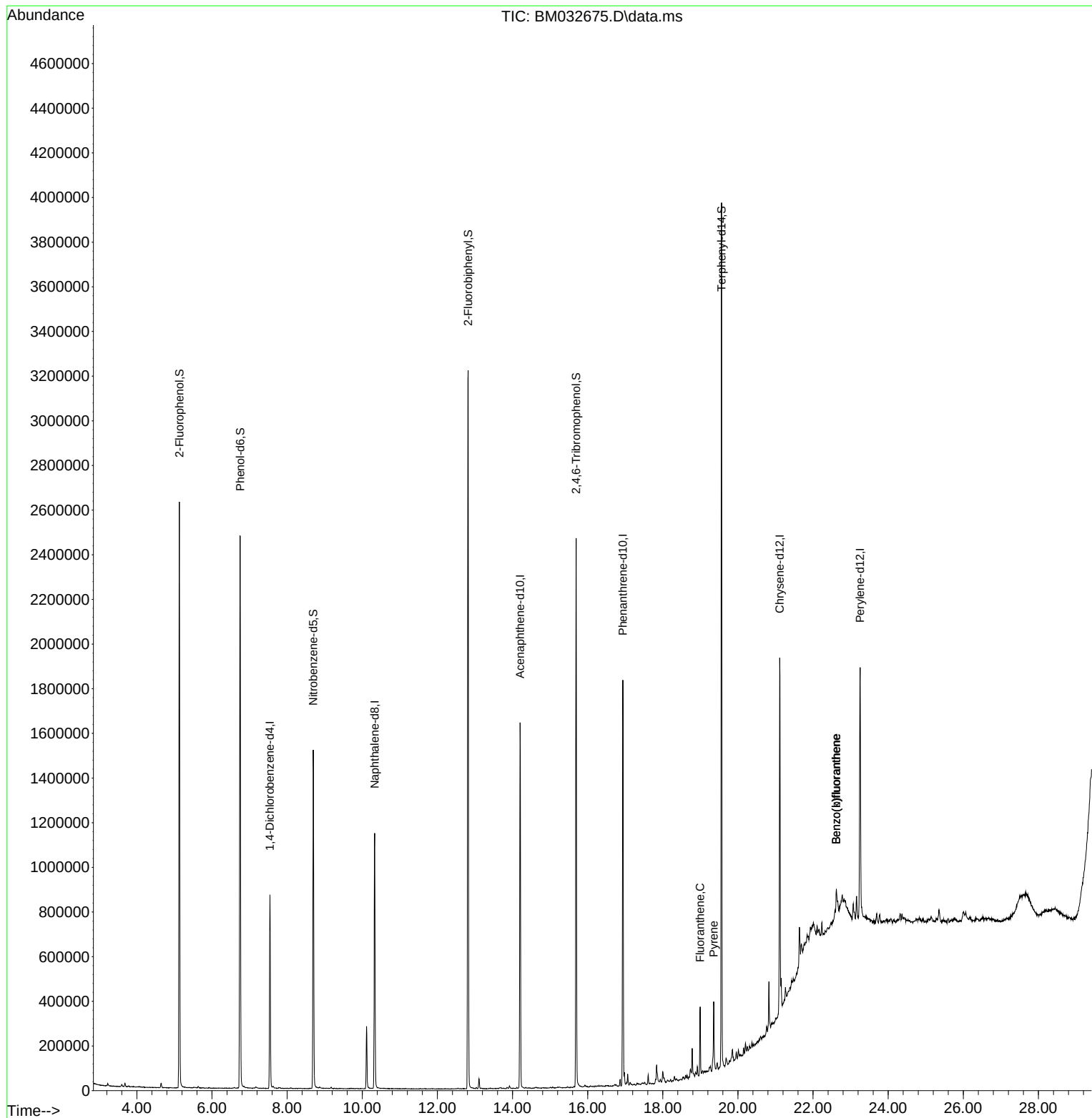
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	227547	20.000	ng	0.00
21) Naphthalene-d8	10.330	136	922099	20.000	ng	# 0.00
39) Acenaphthene-d10	14.201	164	551348	20.000	ng	0.00
64) Phenanthrene-d10	16.936	188	1031423	20.000	ng	# 0.00
76) Chrysene-d12	21.112	240	708305	20.000	ng	# 0.00
86) Perylene-d12	23.253	264	702035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	1085676	80.390	ng	0.00
7) Phenol-d6	6.748	99	1366608	73.998	ng	0.00
23) Nitrobenzene-d5	8.695	82	841201	50.738	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	414627	67.175	ng	0.00
45) 2-Fluorobiphenyl	12.819	172	1700144	45.848	ng	0.00
79) Terphenyl-d14	19.565	244	1788000	53.163	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.995	202	171640	2.859	ng	97
78) Pyrene	19.353	202	176307	3.671	ng	99
88) Benzo(b)fluoranthene	22.618	252	113215	2.651	ng	# 91
89) Benzo(k)fluoranthene	22.618	252	113215	2.714	ng	# 89

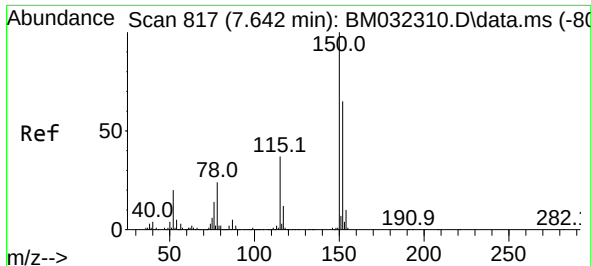
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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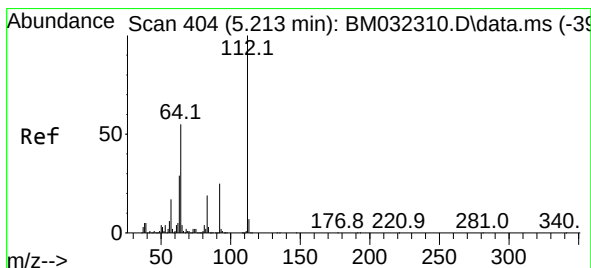
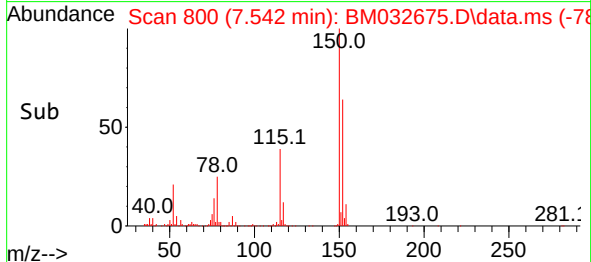
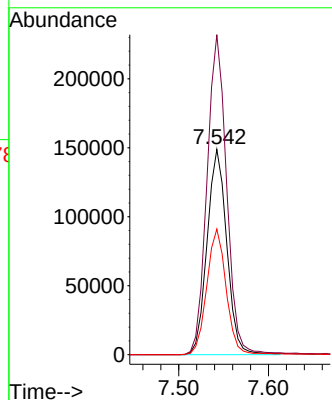
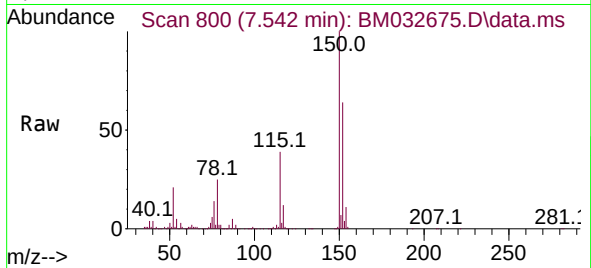




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.542 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

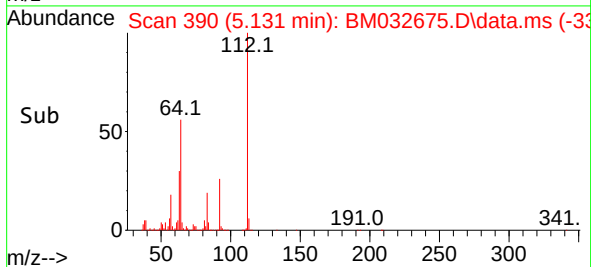
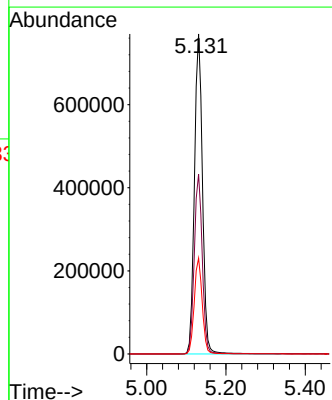
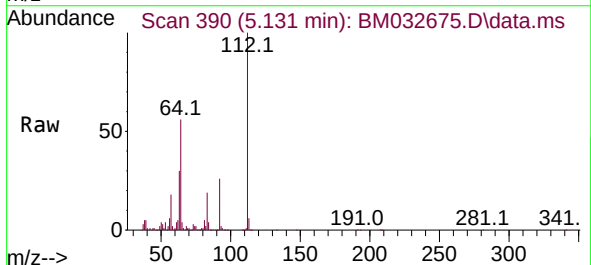
Instrument :
BNA_M
ClientSampleId :
MH-DD-D

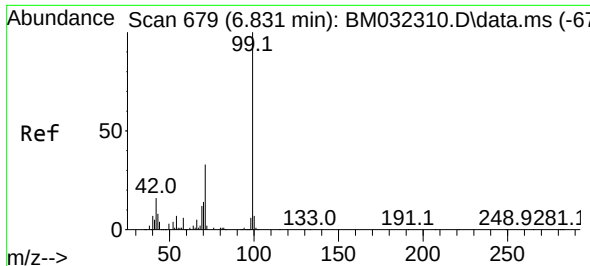
Tgt Ion:152 Resp: 227547
Ion Ratio Lower Upper
152 100
150 155.8 122.4 183.6
115 61.2 53.8 80.8



#5
2-Fluorophenol
Concen: 80.390 ng
RT: 5.131 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion:112 Resp: 1085676
Ion Ratio Lower Upper
112 100
64 56.2 53.7 80.5
63 29.9 33.9 50.9#

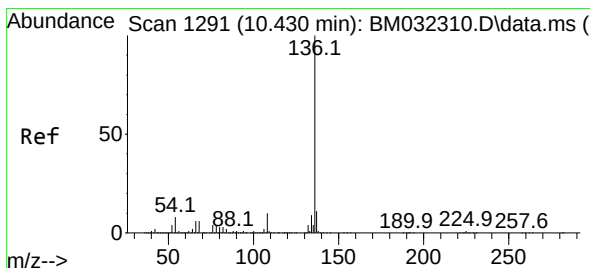
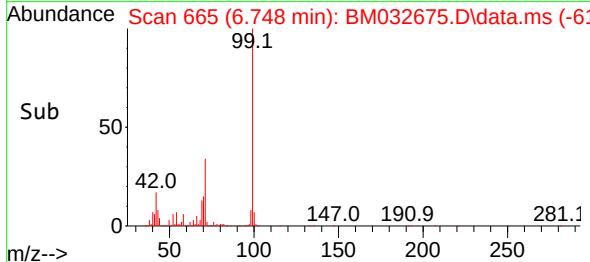
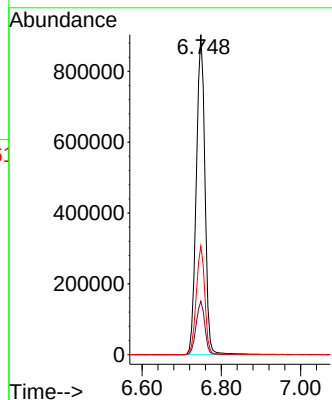
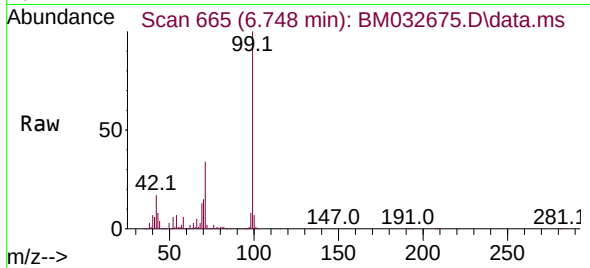




#7
Phenol-d6
Concen: 73.998 ng
RT: 6.748 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

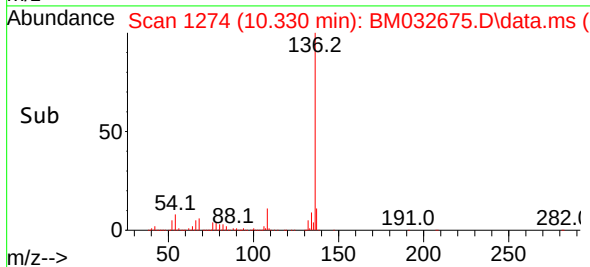
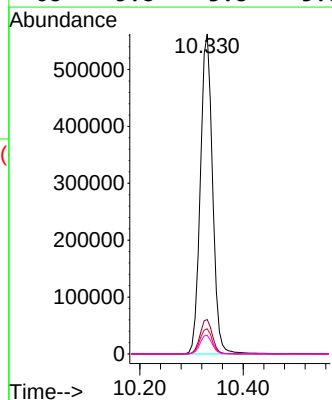
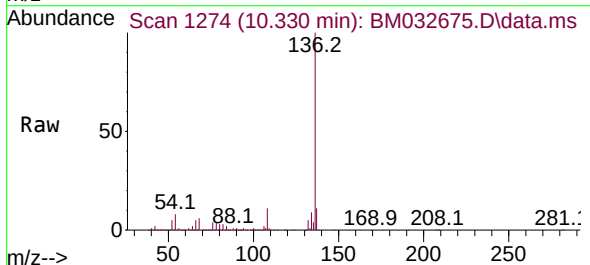
Instrument :
BNA_M
ClientSampleId :
MH-DD-D

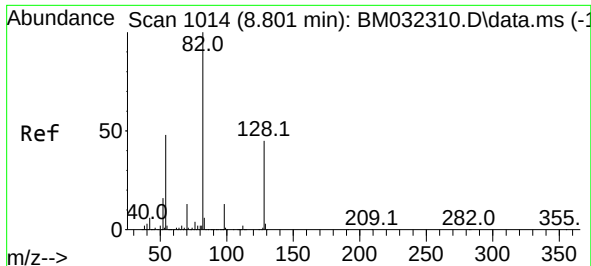
Tgt Ion: 99 Resp: 1366608
Ion Ratio Lower Upper
99 100
42 16.7 23.0 34.6#
71 34.0 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.330 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion: 136 Resp: 922099
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 7.4 11.0
68 5.8 3.8 5.8#

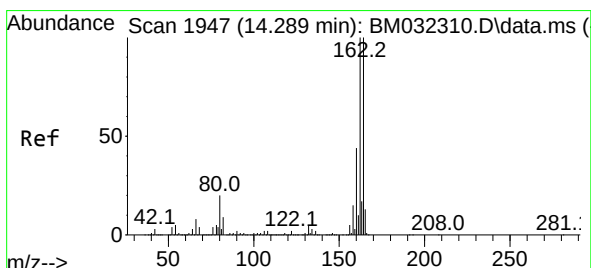
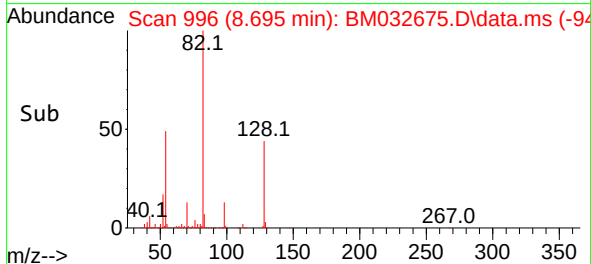
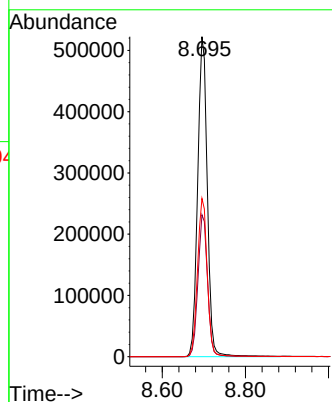
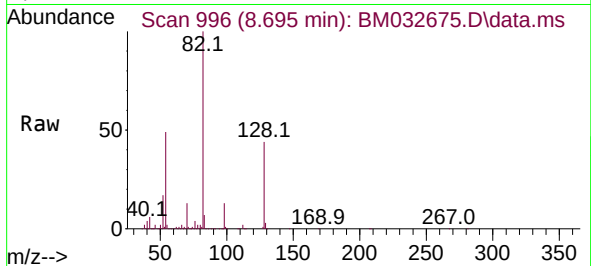




#23
Nitrobenzene-d5
Concen: 50.738 ng
RT: 8.695 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

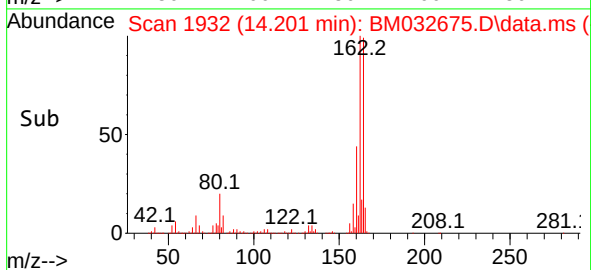
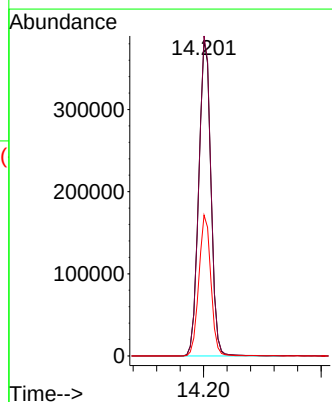
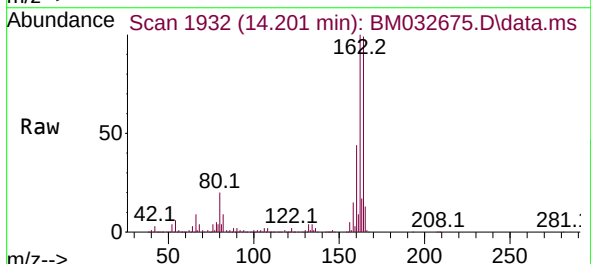
Instrument :
BNA_M
ClientSampleId :
MH-DD-D

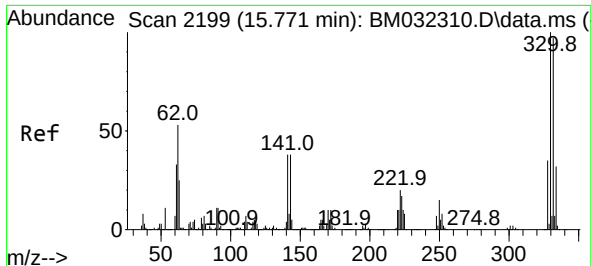
Tgt Ion: 82 Resp: 841201
Ion Ratio Lower Upper
82 100
128 44.3 29.0 43.6#
54 49.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion:164 Resp: 551348
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 44.6 35.1 52.7

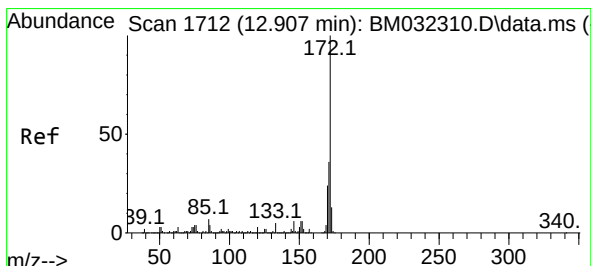
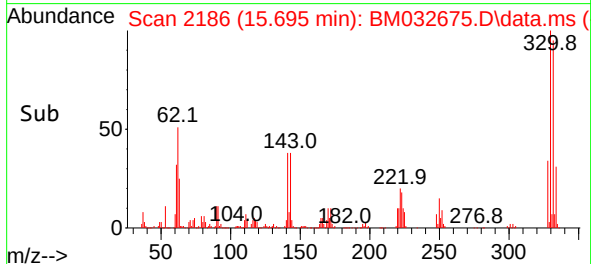
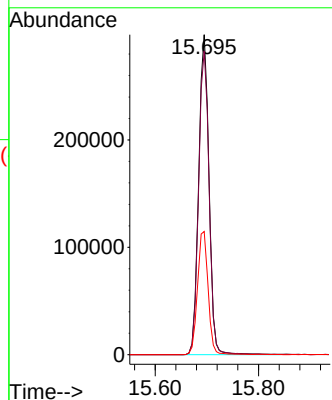
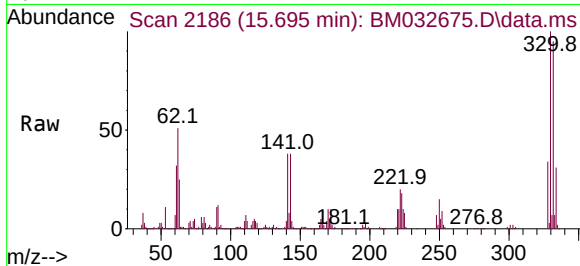




#42
2,4,6-Tribromophenol
Concen: 67.175 ng
RT: 15.695 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

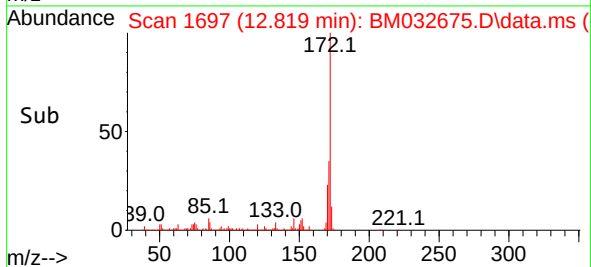
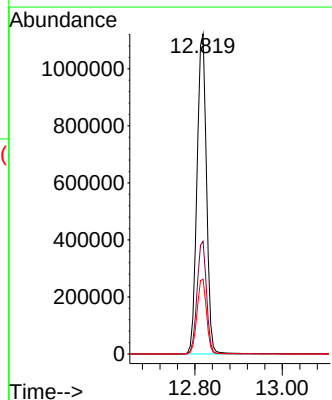
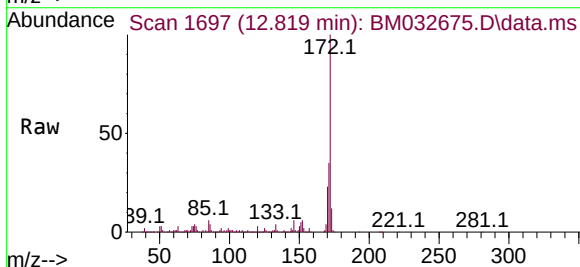
Instrument :
BNA_M
ClientSampleId :
MH-DD-D

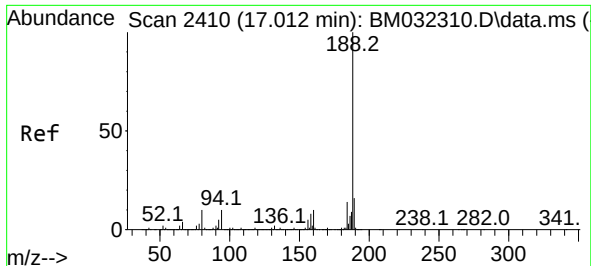
Tgt Ion:330 Resp: 414627
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 39.4 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 45.848 ng
RT: 12.819 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion:172 Resp: 1700144
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.3 18.6 27.8

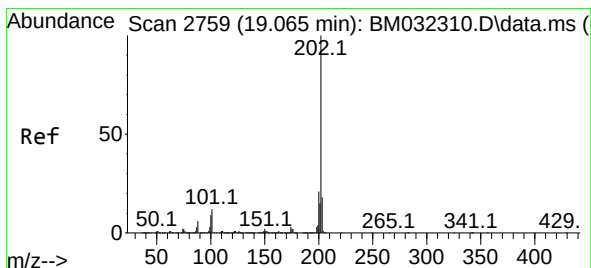
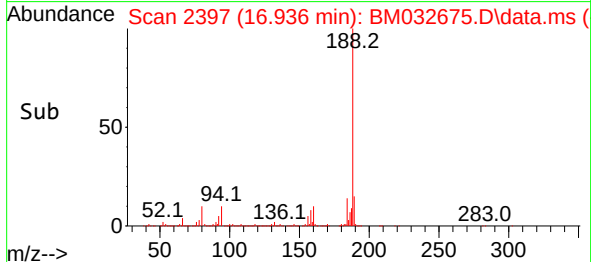
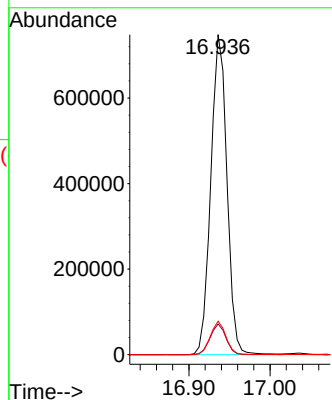
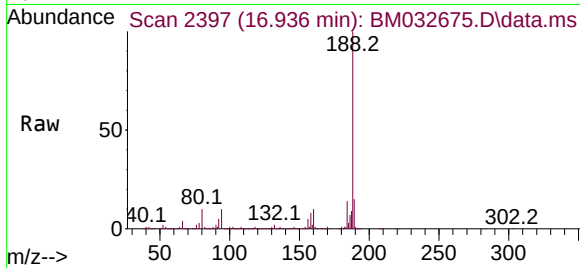




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.936 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

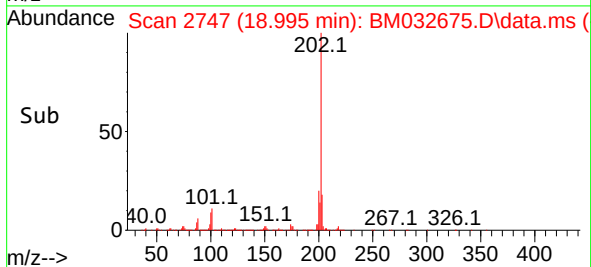
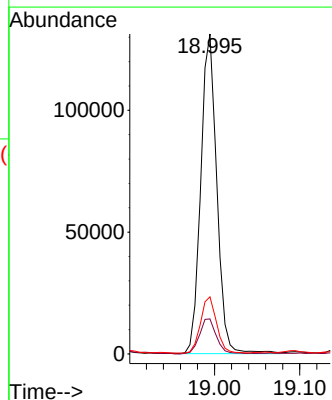
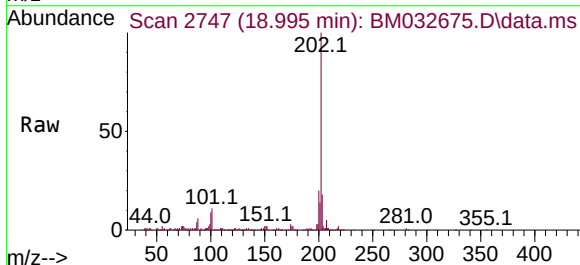
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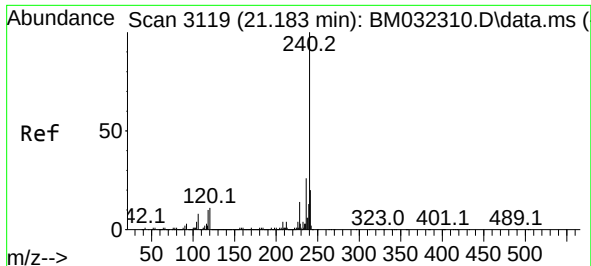
Tgt Ion:188 Resp: 1031423
Ion Ratio Lower Upper
188 100
94 9.6 6.3 9.5#
80 10.5 7.3 10.9



#75
Fluoranthene
Concen: 2.859 ng
RT: 18.995 min Scan# 2747
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion:202 Resp: 171640
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.9
203 17.8 0.0 36.8

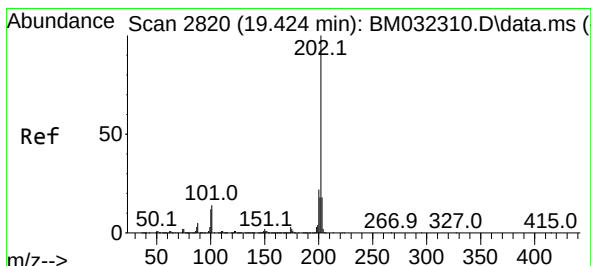
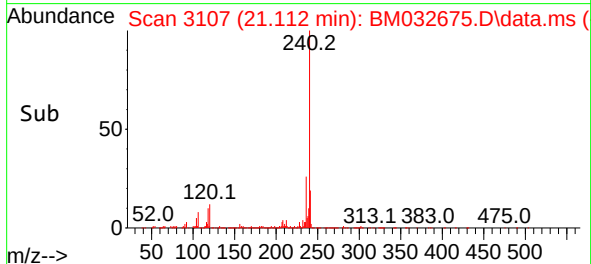
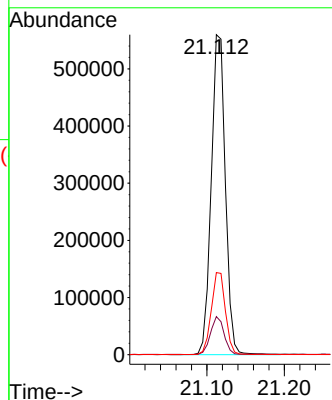
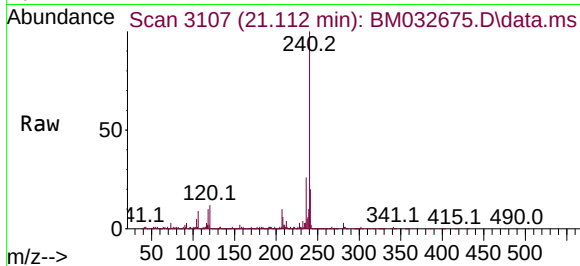




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.112 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

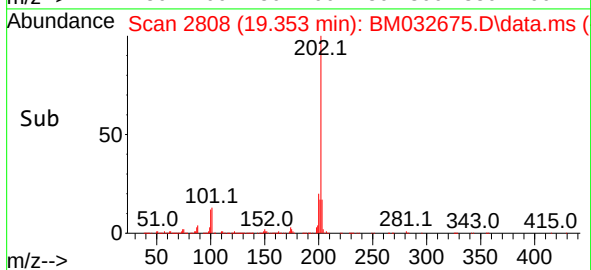
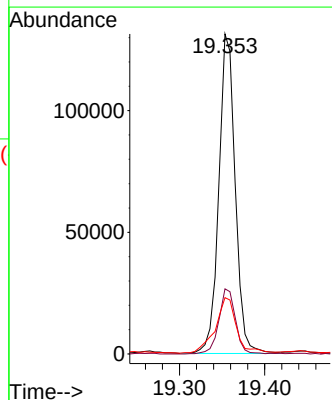
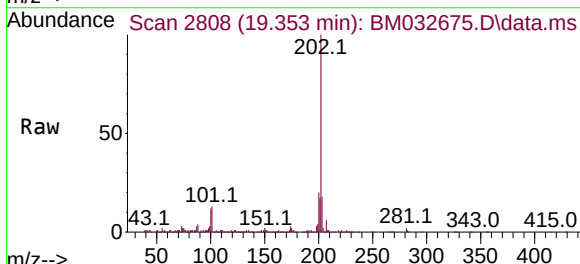
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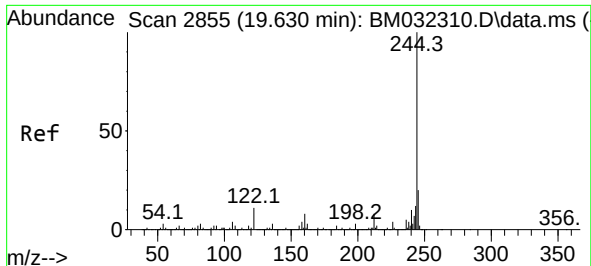
Tgt Ion:240 Resp: 708305
Ion Ratio Lower Upper
240 100
120 11.9 7.8 11.6#
236 25.6 20.9 31.3



#78
Pyrene
Concen: 3.671 ng
RT: 19.353 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion:202 Resp: 176307
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.6 13.7 20.5

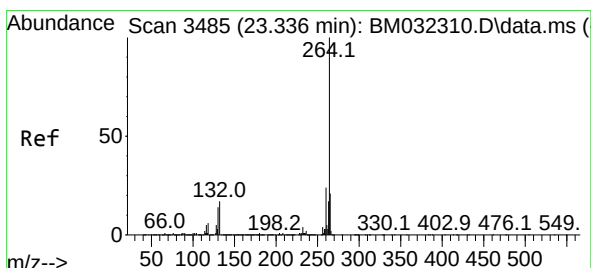
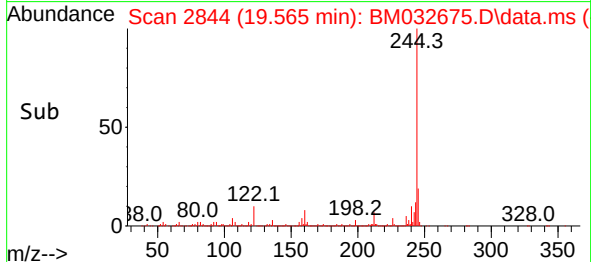
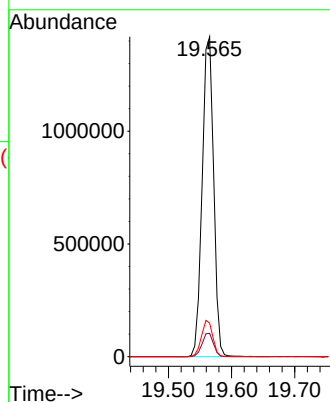
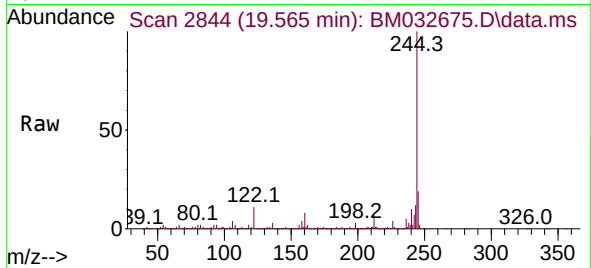




#79
Terphenyl-d14
Concen: 53.163 ng
RT: 19.565 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

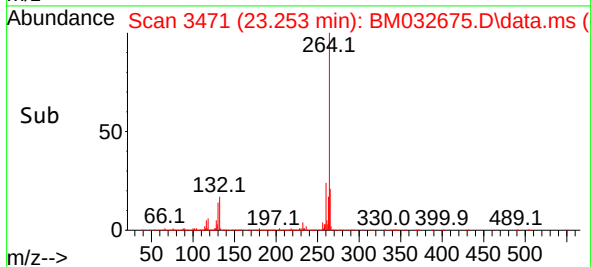
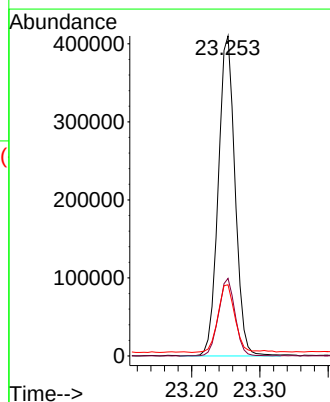
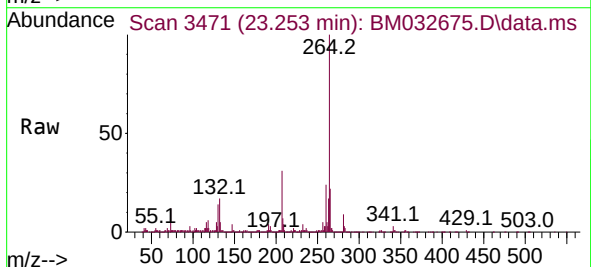
Instrument :
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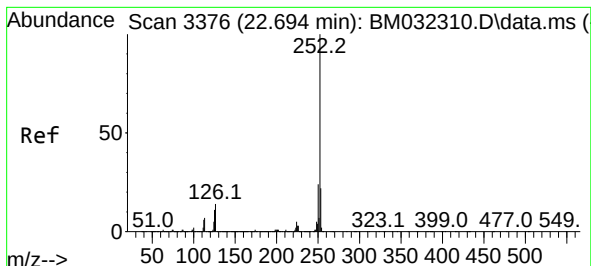
Tgt Ion:244 Resp: 1788000
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 10.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.253 min Scan# 3471
Delta R.T. 0.000 min
Lab File: BM032675.D
Acq: 22 Oct 2021 14:56

Tgt Ion:264 Resp: 702035
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 22.3 18.3 27.5





#88

Benzo(b)fluoranthene

Concen: 2.651 ng

RT: 22.618 min Scan# 3363

Delta R.T. 0.000 min

Lab File: BM032675.D

Acq: 22 Oct 2021 14:56

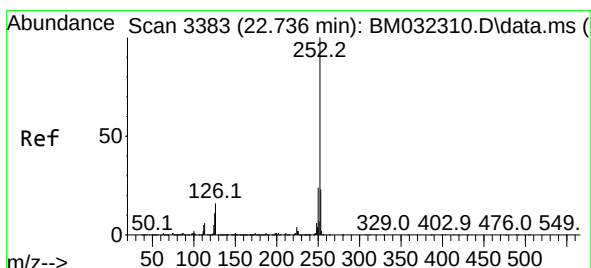
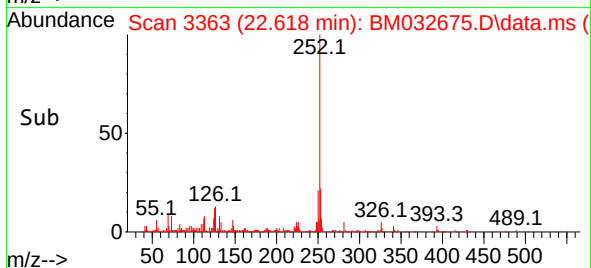
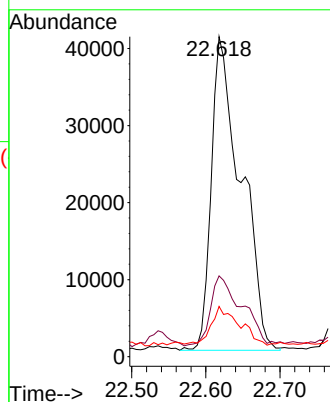
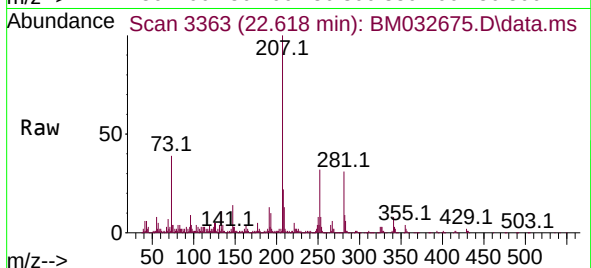
Instrument :

BNA_M

ClientSampleId :

MH-DD-D

Tgt Ion:	252	Resp:	113215
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.0	27.0
125	15.7	7.5	11.3#



#89

Benzo(k)fluoranthene

Concen: 2.714 ng

RT: 22.618 min Scan# 3363

Delta R.T. -0.041 min

Lab File: BM032675.D

Acq: 22 Oct 2021 14:56

Tgt Ion:	252	Resp:	113215
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.3	25.9
125	15.7	7.5	11.3#

