

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033292.D
 Acq On : 03 Dec 2021 18:37
 Operator : CG/JU
 Sample : M4917-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-22

Quant Time: Dec 06 00:50:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

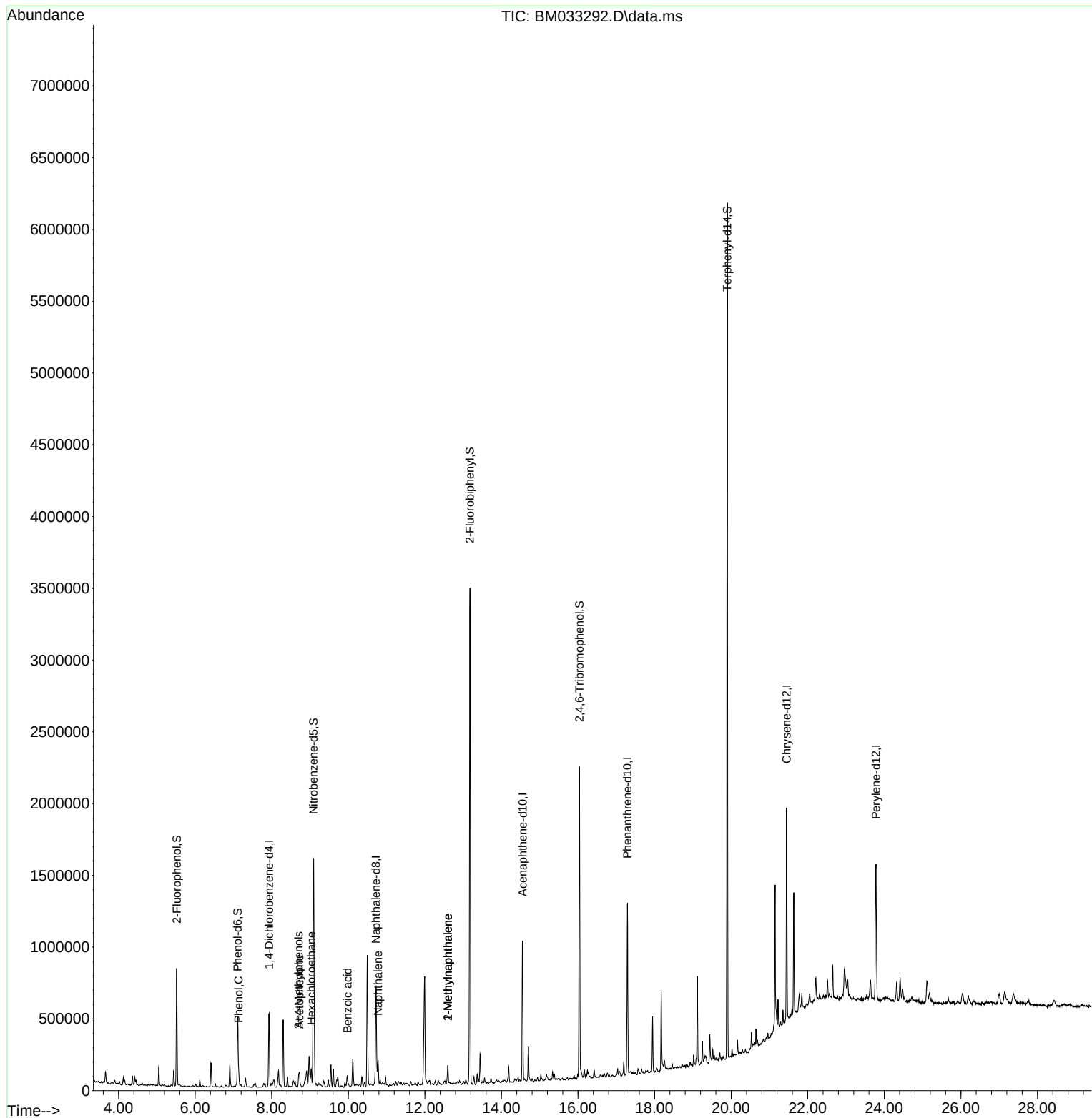
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	132665	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	534115	20.000	ng	#-0.01
39) Acenaphthene-d10	14.554	164	330841	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	672544	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	652458	20.000	ng	# 0.00
86) Perylene-d12	23.782	264	667833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	318763	39.679	ng	0.01
7) Phenol-d6	7.113	99	259948	24.160	ng	0.02
23) Nitrobenzene-d5	9.089	82	912397	79.302	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	331270	91.854	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	1693116	72.174	ng	0.00
79) Terphenyl-d14	19.900	244	2574292	78.018	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.078	77	4686	Below Cal	#	47
10) Phenol	7.136	94	46683	4.290	ng	97
18) Hexachloroethane	9.031	117	29790	8.161	ng	# 22
20) 3+4-Methylphenols	8.707	107	34873	3.584	ng	88
22) Acetophenone	8.725	105	60214	4.380	ng	# 55
31) Naphthalene	10.777	128	96608	3.429	ng	98
32) Benzoic acid	9.977	122	4677	6.128	ng	# 72
37) 2-Methylnaphthalene	12.601	142	50587	2.637	ng	99
38) 1-Methylnaphthalene	12.601	142	50587	2.703	ng	96

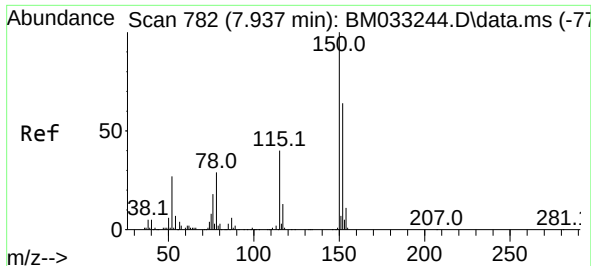
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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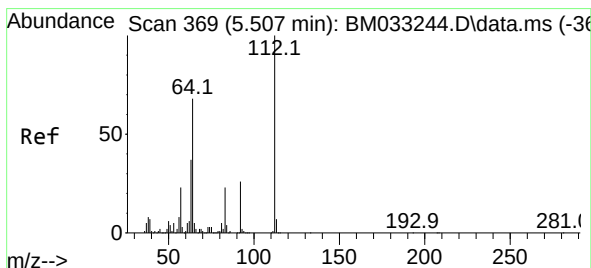
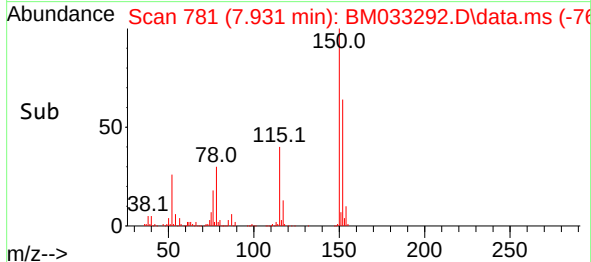
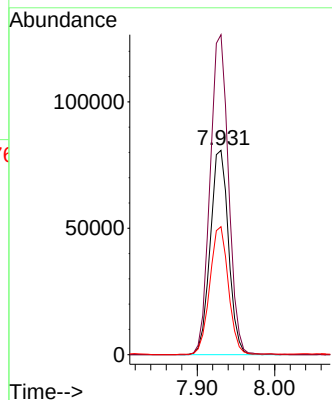
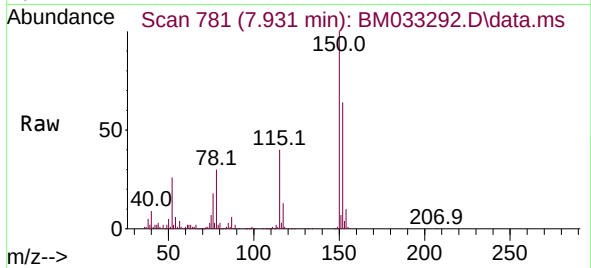




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

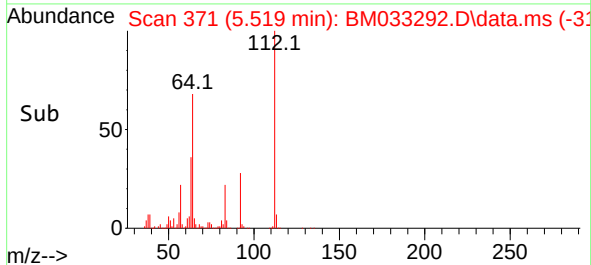
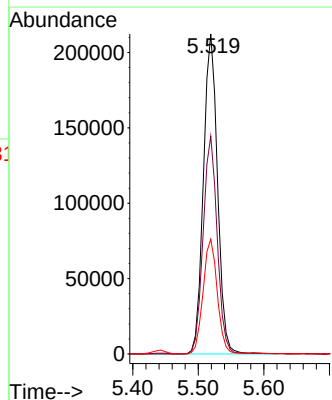
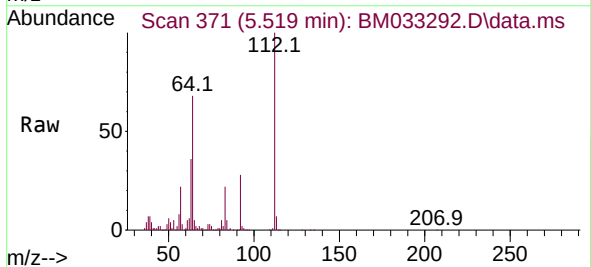
Instrument :
BNA_M
ClientSampleId :
MW-22

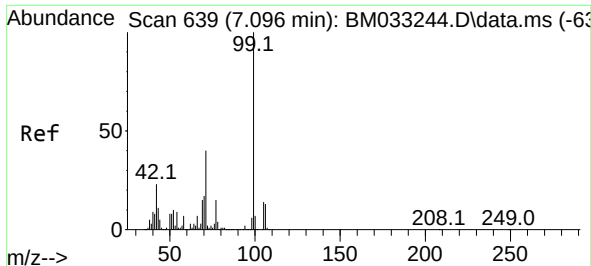
Tgt Ion:152 Resp: 132665
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 62.6 53.8 80.8



#5
2-Fluorophenol
Concen: 39.679 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.011 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion:112 Resp: 318763
Ion Ratio Lower Upper
112 100
64 68.1 53.7 80.5
63 35.9 33.9 50.9

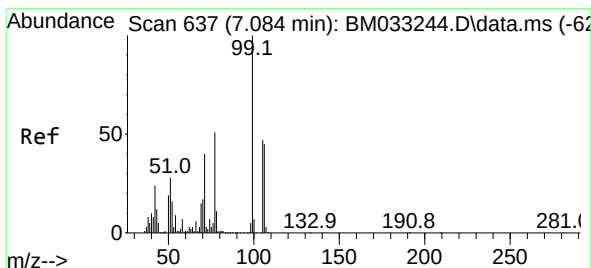
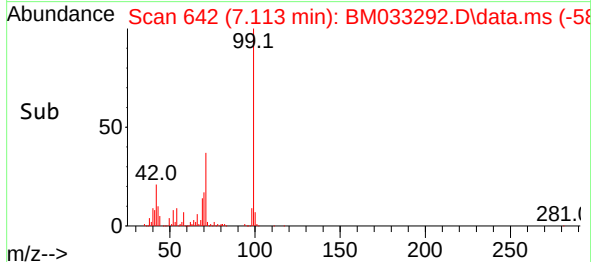
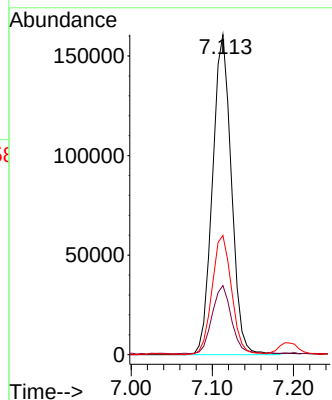
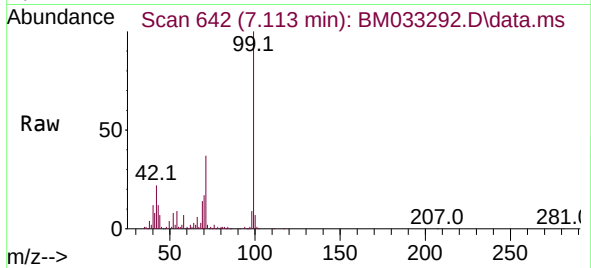




#7
Phenol-d6
Concen: 24.160 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.017 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

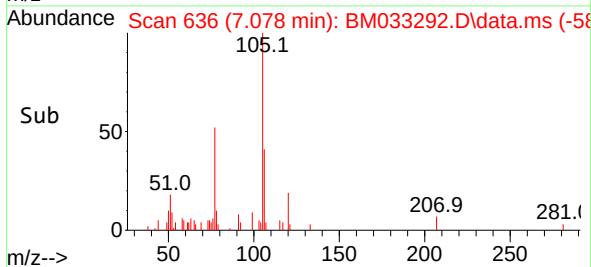
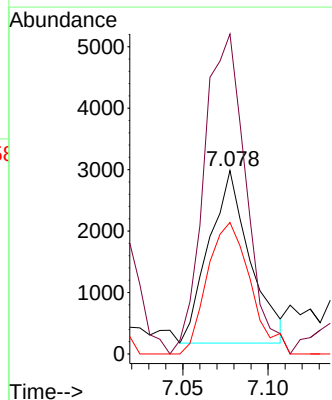
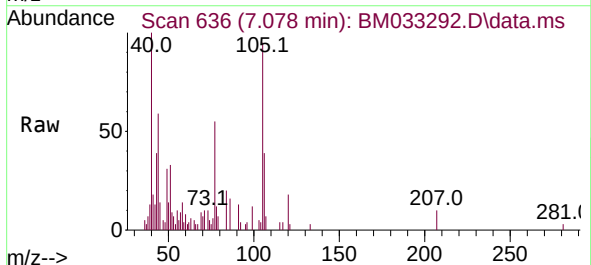
Instrument :
BNA_M
ClientSampleId :
MW-22

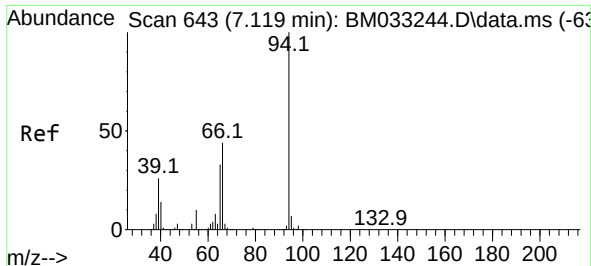
Tgt Ion: 99 Resp: 259948
Ion Ratio Lower Upper
99 100
42 21.6 23.0 34.6#
71 37.2 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 636
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion: 77 Resp: 4686
Ion Ratio Lower Upper
77 100
105 174.5 68.9 108.9#
106 71.7 61.2 101.2

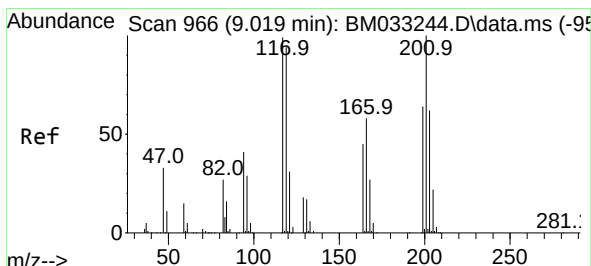
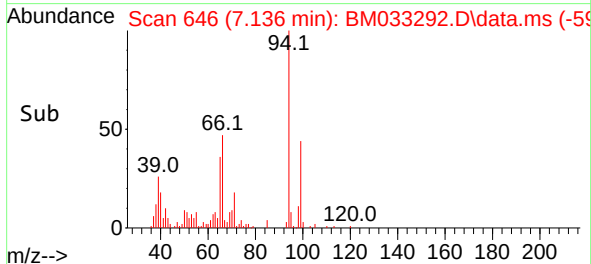
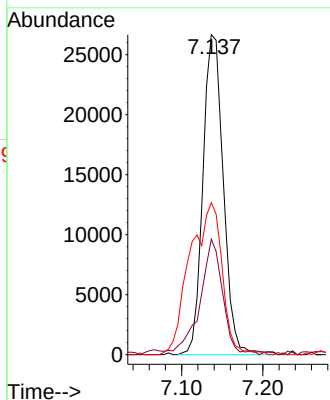
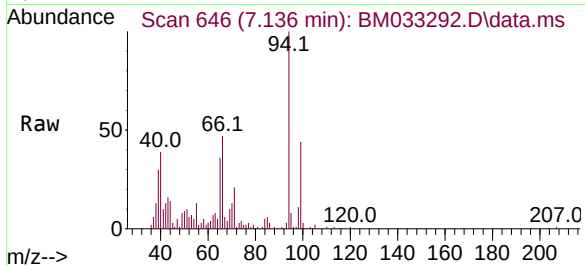




#10
Phenol
Concen: 4.290 ng
RT: 7.136 min Scan# 64
Delta R.T. 0.017 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

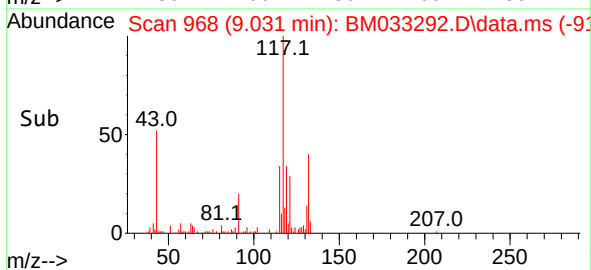
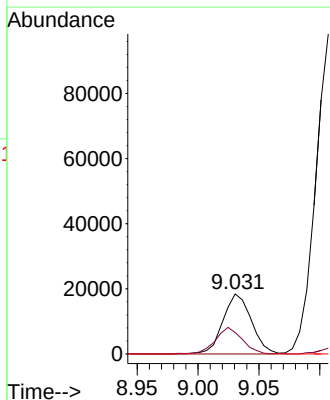
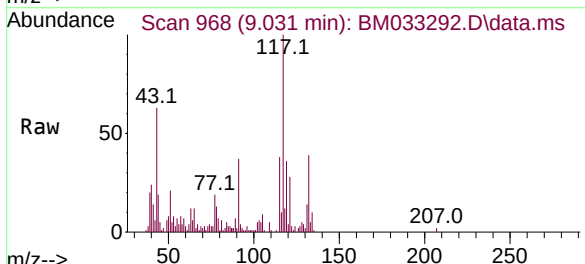
Instrument :
BNA_M
ClientSampleId :
MW-22

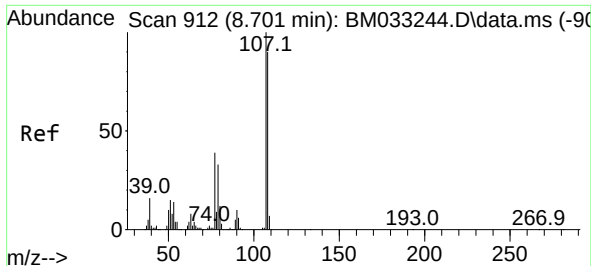
Tgt Ion: 94 Resp: 46683
Ion Ratio Lower Upper
94 100
65 36.1 16.9 56.9
66 47.5 30.0 70.0



#18
Hexachloroethane
Concen: 8.161 ng
RT: 9.031 min Scan# 968
Delta R.T. 0.011 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion: 117 Resp: 29790
Ion Ratio Lower Upper
117 100
119 35.9 77.7 116.5#
201 0.0 70.2 105.2#

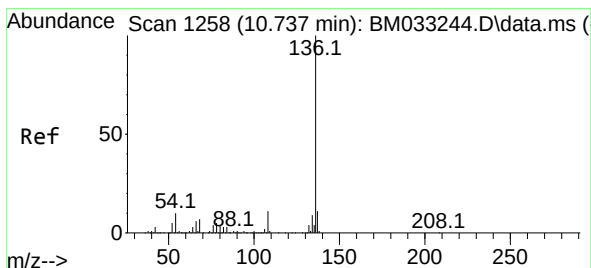
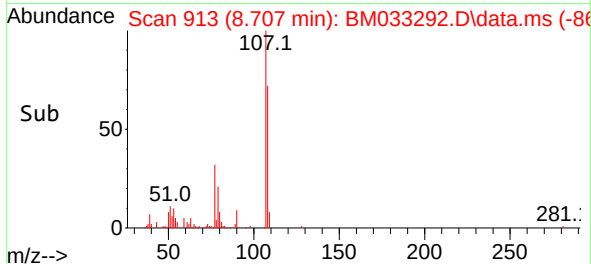
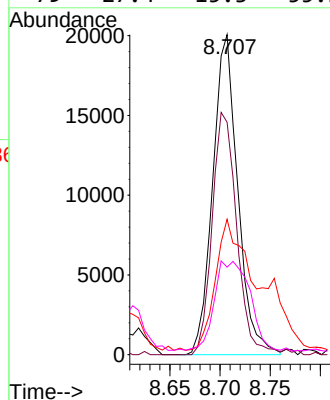
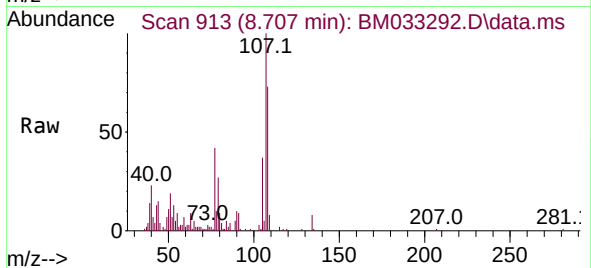




#20
3+4-Methylphenols
Concen: 3.584 ng
RT: 8.707 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

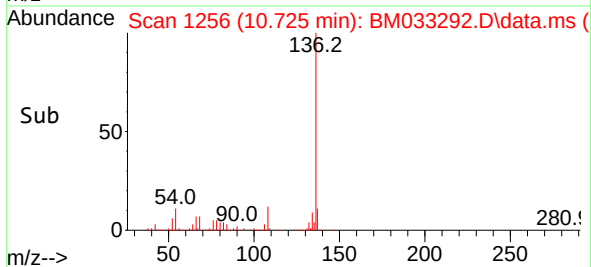
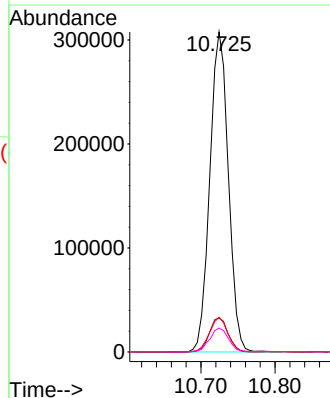
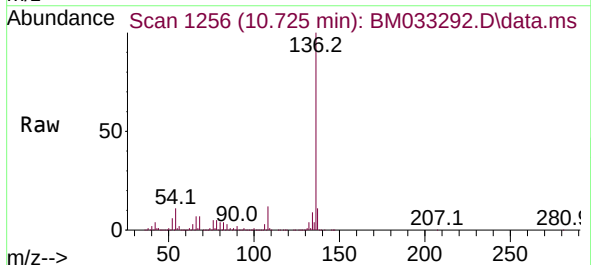
Instrument :
BNA_M
ClientSampleId :
MW-22

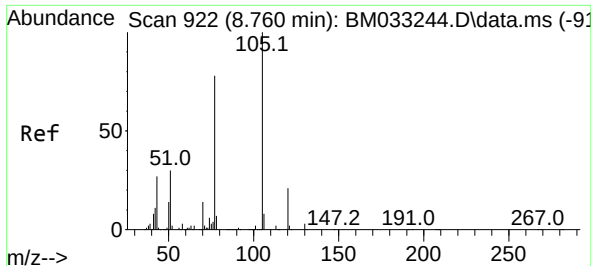
Tgt Ion:	107	Resp:	34873
Ion	Ratio	Lower	Upper
107	100		
108	72.6	67.6	107.6
77	42.3	21.9	61.9
79	27.4	15.3	55.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion:	136	Resp:	534115
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.9	7.4	11.0
68	7.4	3.8	5.8

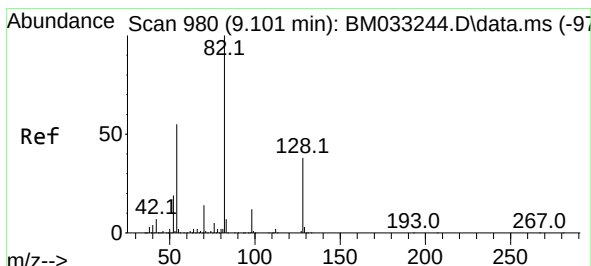
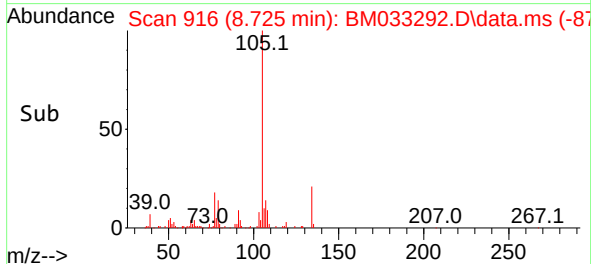
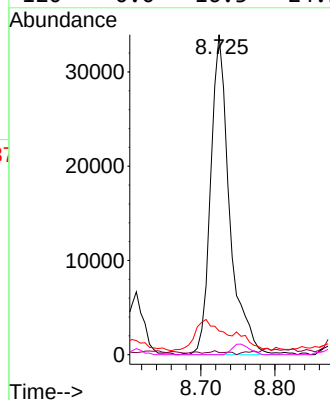
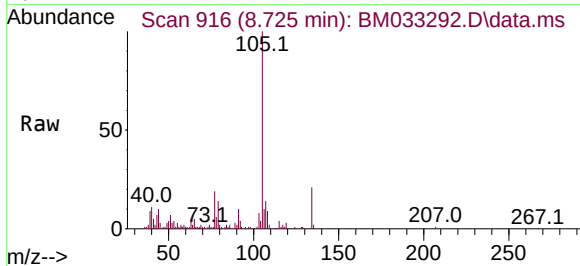




#22
Acetophenone
Concen: 4.380 ng
RT: 8.725 min Scan# 916
Delta R.T. -0.036 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

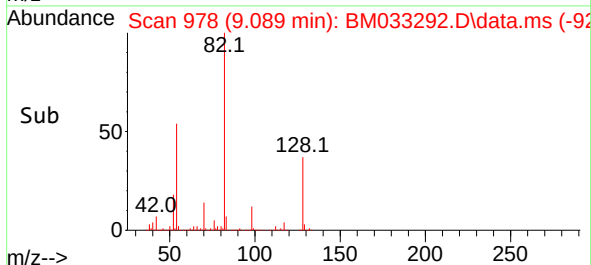
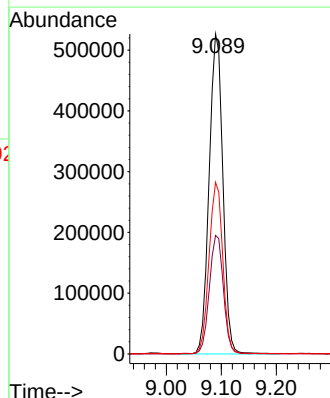
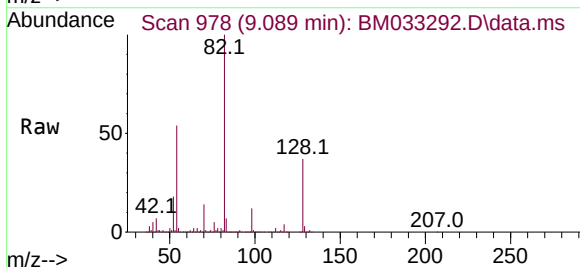
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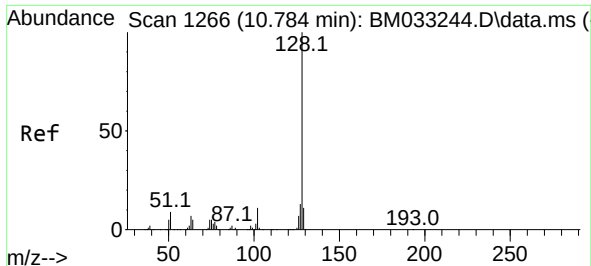
Tgt Ion:105 Resp: 60214
Ion Ratio Lower Upper
105 100
71 0.7 3.8 5.6#
51 7.4 29.5 44.3#
120 0.0 16.3 24.5#



#23
Nitrobenzene-d5
Concen: 79.302 ng
RT: 9.089 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion: 82 Resp: 912397
Ion Ratio Lower Upper
82 100
128 37.1 29.0 43.6
54 53.7 45.8 68.8

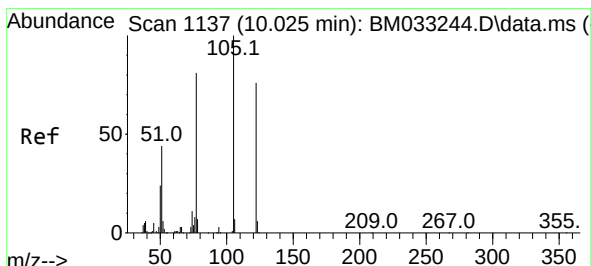
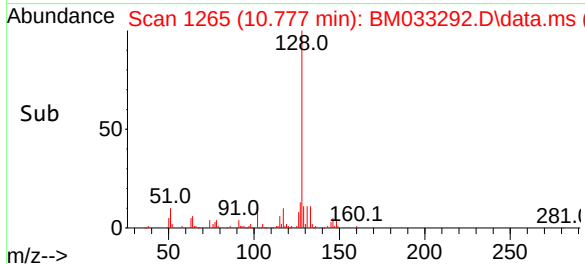
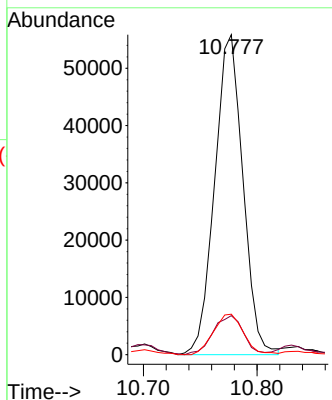
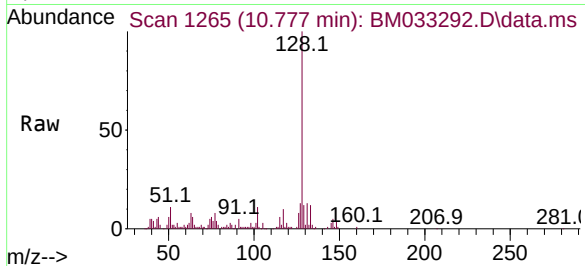




#31
Naphthalene
Concen: 3.429 ng
RT: 10.777 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

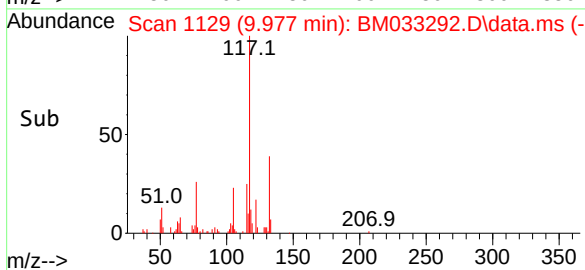
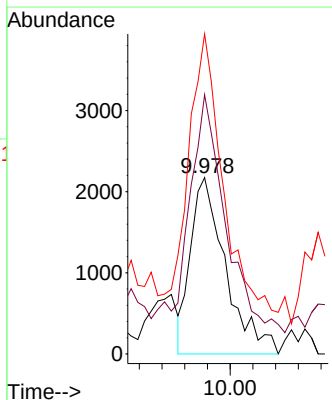
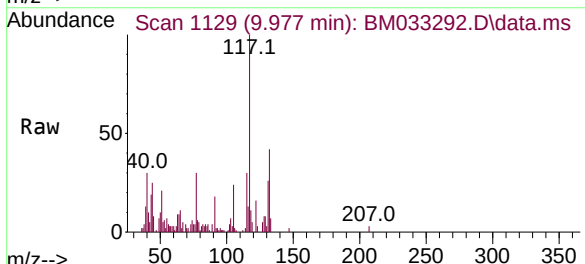
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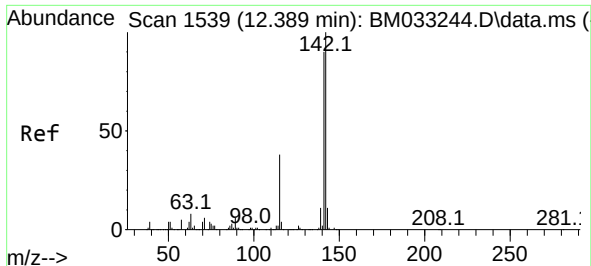
Tgt Ion:128 Resp: 96608
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 6.128 ng
RT: 9.977 min Scan# 1129
Delta R.T. -0.048 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion:122 Resp: 4677
Ion Ratio Lower Upper
122 100
105 147.0 120.3 160.3
77 181.4 100.0 140.0#





#37

2-Methylnaphthalene

Concen: 2.637 ng

RT: 12.601 min Scan# 1575

Delta R.T. 0.211 min

Lab File: BM033292.D

Acq: 03 Dec 2021 18:37

Instrument :

BNA_M

ClientSampleId :

MW-22

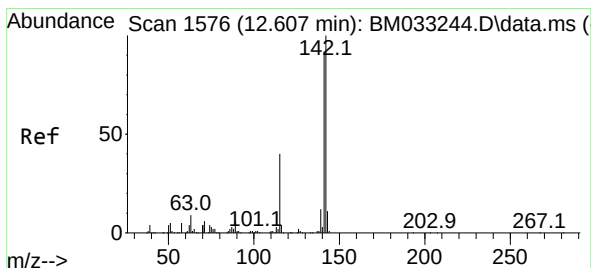
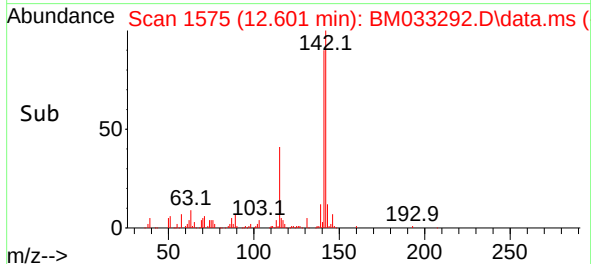
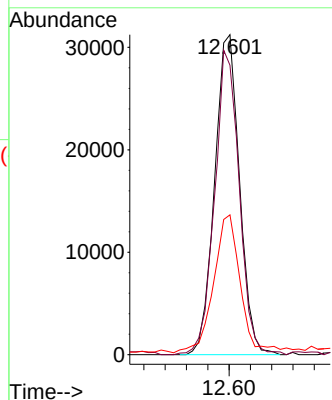
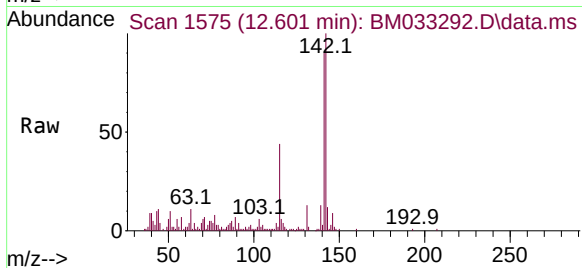
Tgt Ion:142 Resp: 50587

Ion Ratio Lower Upper

142 100

141 90.5 71.8 107.6

115 43.7 36.3 54.5



#38

1-Methylnaphthalene

Concen: 2.703 ng

RT: 12.601 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BM033292.D

Acq: 03 Dec 2021 18:37

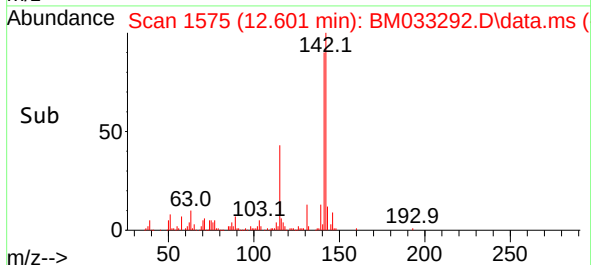
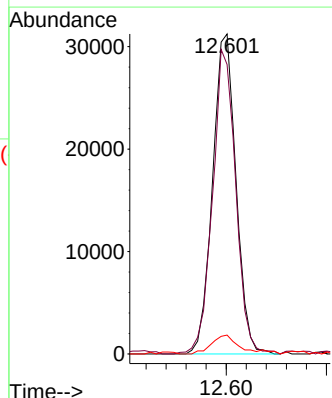
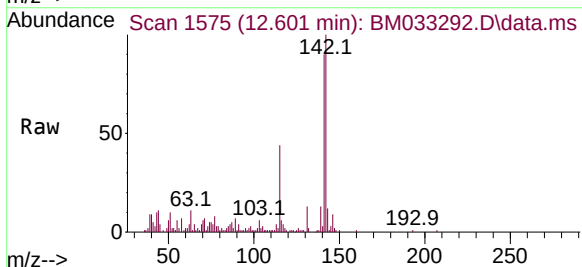
Tgt Ion:142 Resp: 50587

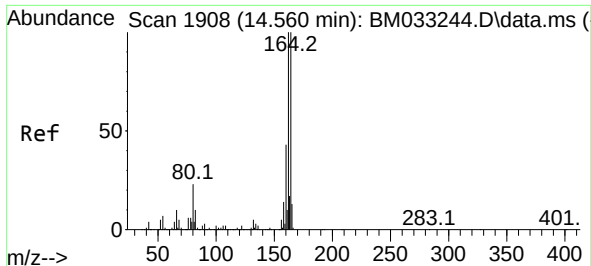
Ion Ratio Lower Upper

142 100

141 90.5 75.6 113.4

116 5.9 4.0 6.0

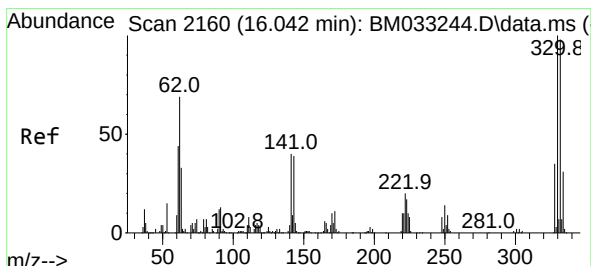
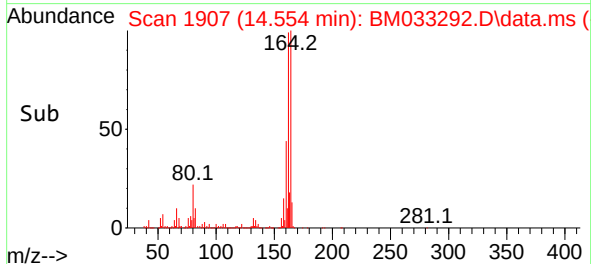
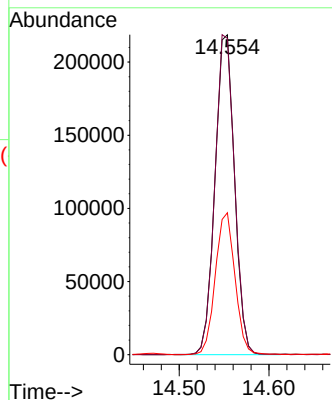
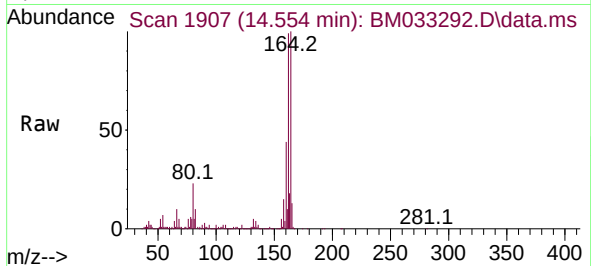




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

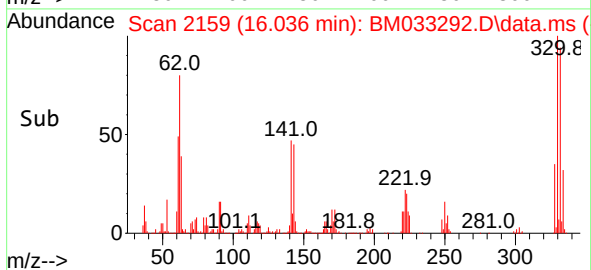
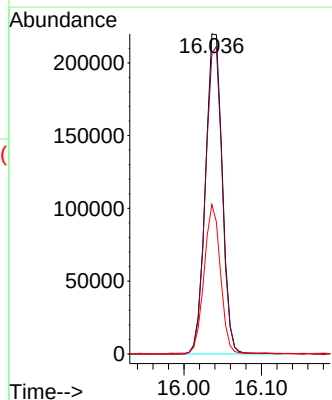
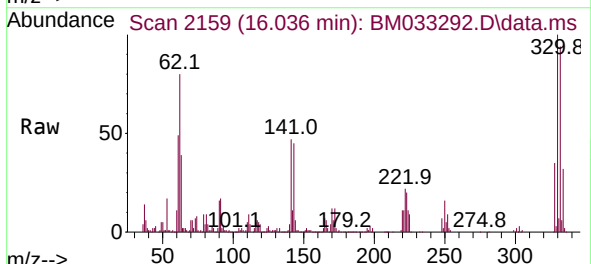
Instrument :
BNA_M
ClientSampleId :
MW-22

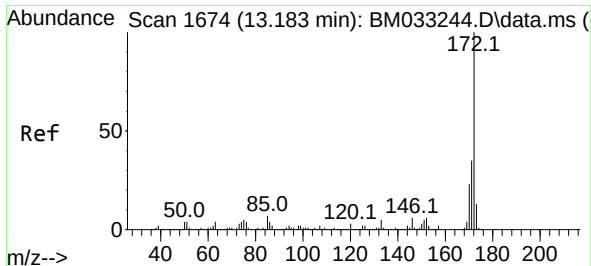
Tgt Ion:164 Resp: 330841
Ion Ratio Lower Upper
164 100
162 98.9 80.6 121.0
160 44.4 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 91.854 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion:330 Resp: 331270
Ion Ratio Lower Upper
330 100
332 96.2 75.7 113.5
141 45.1 50.7 76.1#

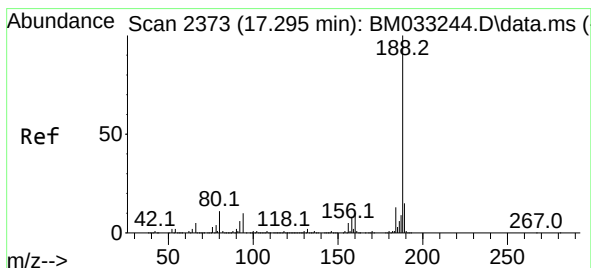
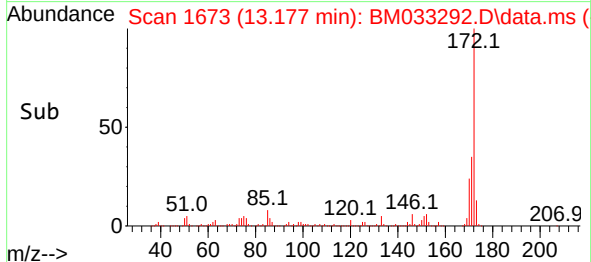
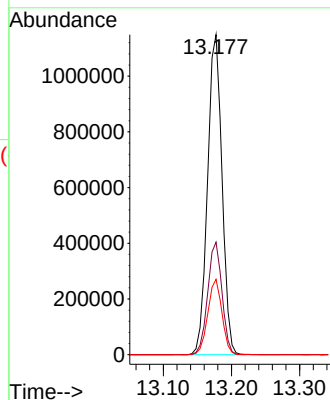
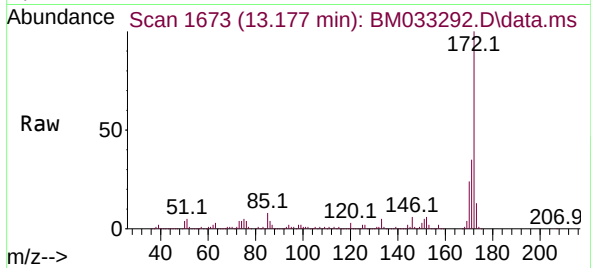




#45
2-Fluorobiphenyl
Concen: 72.174 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

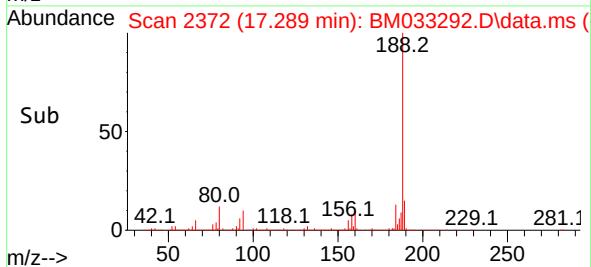
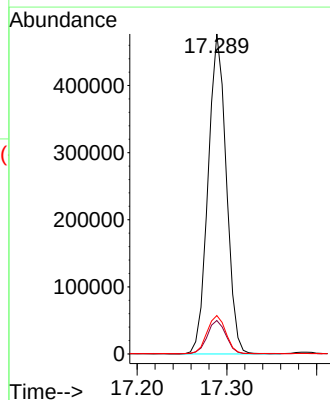
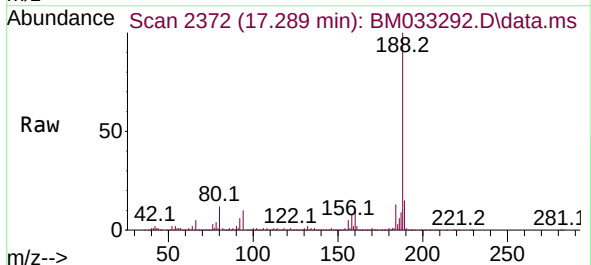
Instrument :
BNA_M
ClientSampleId :
MW-22

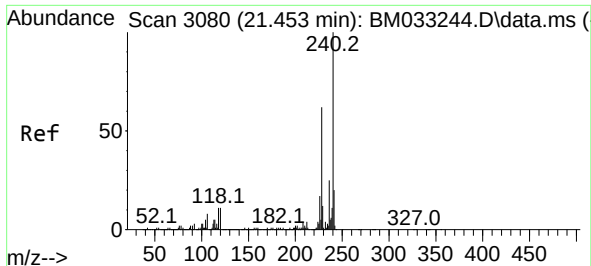
Tgt Ion:172 Resp: 1693116
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion:188 Resp: 672544
Ion Ratio Lower Upper
188 100
94 10.4 6.3 9.5#
80 12.0 7.3 10.9#

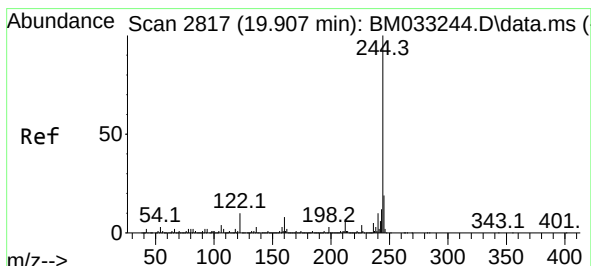
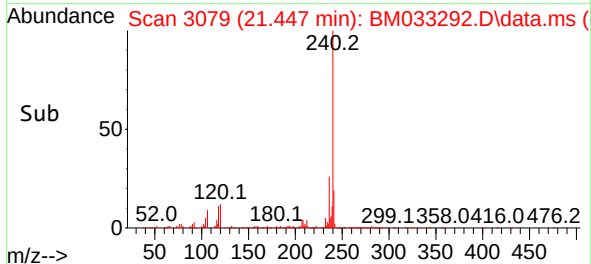
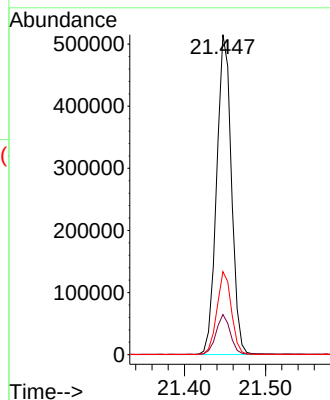
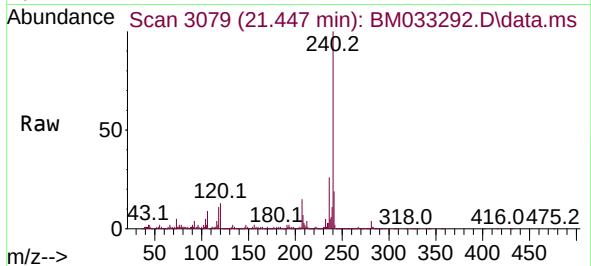




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

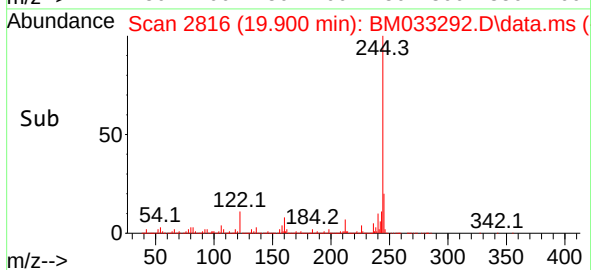
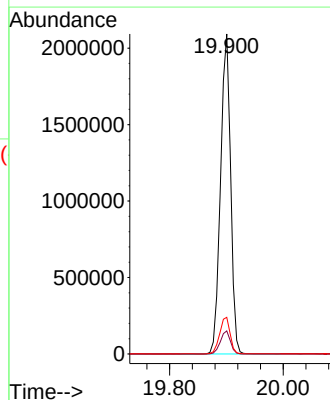
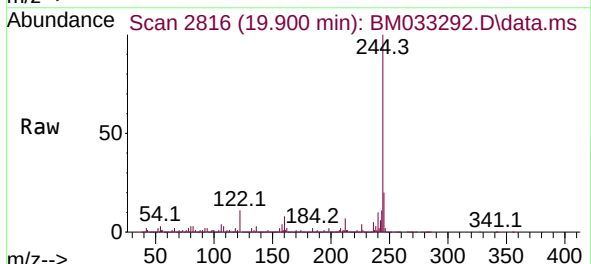
Instrument :
BNA_M
ClientSampleId :
MW-22

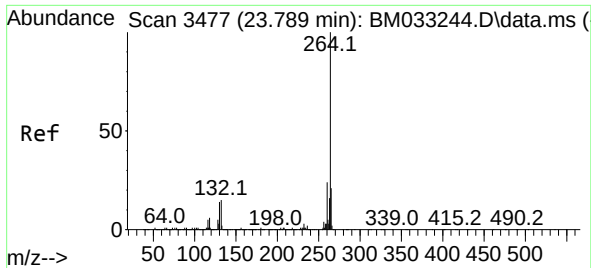
Tgt Ion:240 Resp: 652458
Ion Ratio Lower Upper
240 100
120 12.6 7.8 11.6#
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 78.018 ng
RT: 19.900 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

Tgt Ion:244 Resp: 2574292
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 11.5 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.782 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM033292.D
 Acq: 03 Dec 2021 18:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-22

Tgt Ion:264 Resp: 667833
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.1 18.3 27.5

