

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)

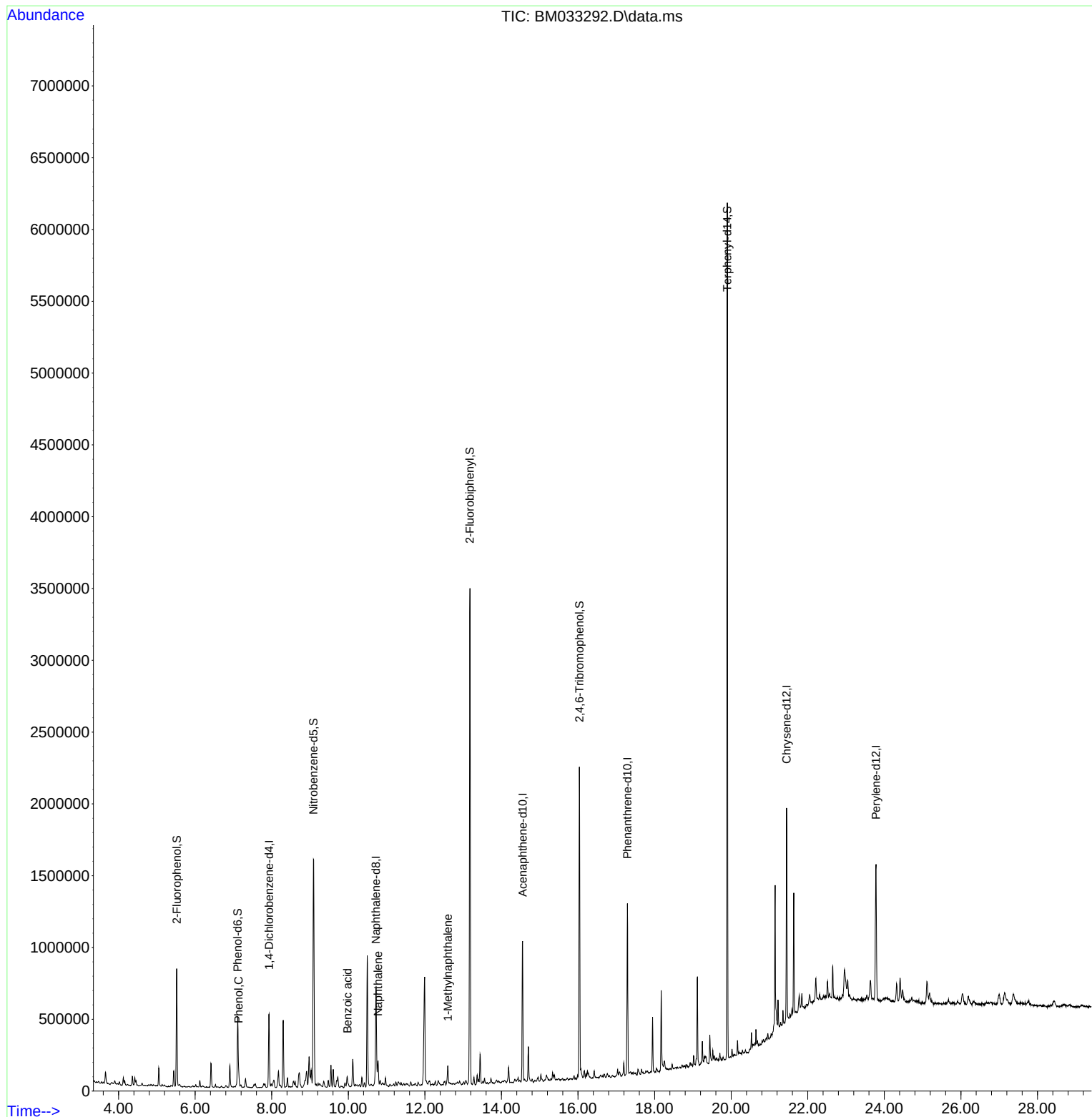
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	132665	20.00	ng	0.00
21) Naphthalene-d8	10.725	136	534115	20.00	ng	#-0.01
39) Acenaphthene-d10	14.554	164	330841	20.00	ng	0.00
64) Phenanthrene-d10	17.289	188	672544	20.00	ng	# 0.00
76) Chrysene-d12	21.447	240	652458	20.00	ng	# 0.00
86) Perylene-d12	23.782	264	667833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	318763	39.68	ng	0.01
7) Phenol-d6	7.113	99	259948	24.16	ng	0.02
23) Nitrobenzene-d5	9.089	82	912397	79.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	331270	91.85	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	1693116	72.17	ng	0.00
79) Terphenyl-d14	19.900	244	2574292	78.02	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.136	94	46683	4.29	ng	97
31) Naphthalene	10.777	128	96608	3.43	ng	98
32) Benzoic acid	9.977	122	4677	6.13	ng	# 72
38) 1-Methylnaphthalene	12.601	142	50587	2.70	ng	96

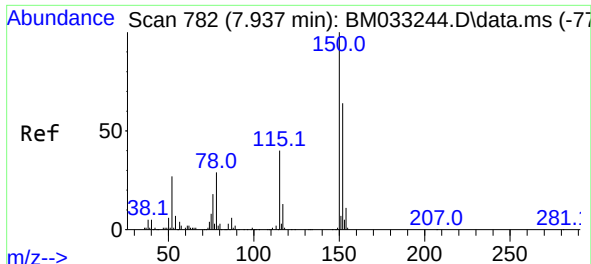
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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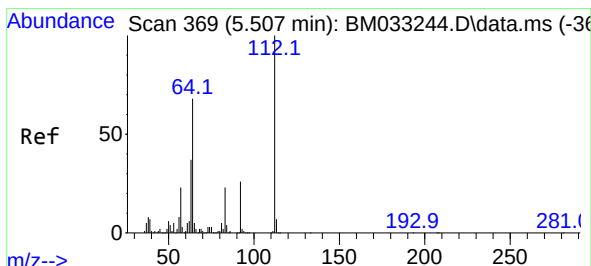
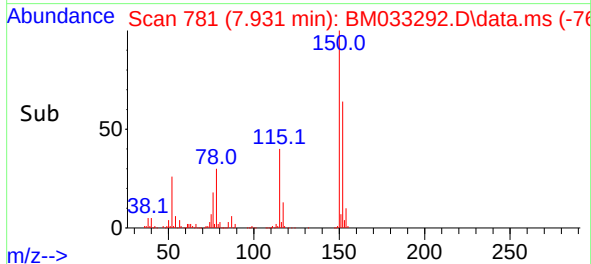
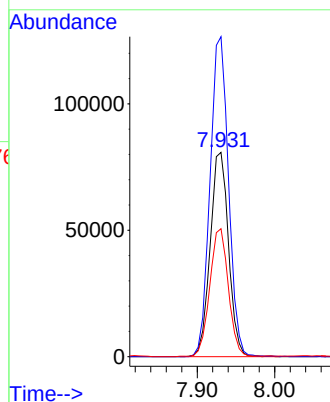
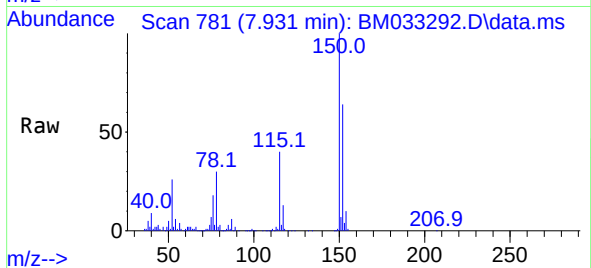




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

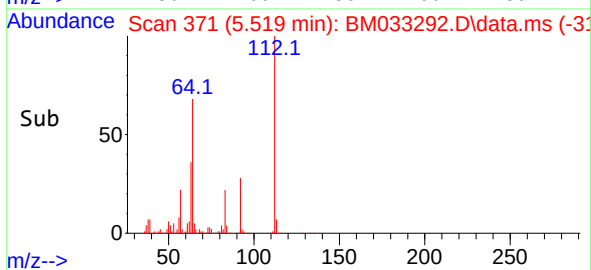
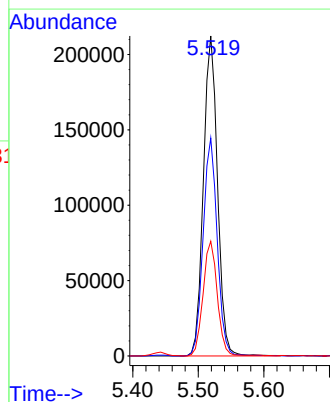
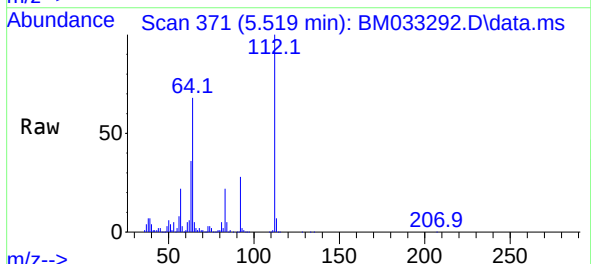
Instrument :
BNA_M
ClientSampleId :
MW-22

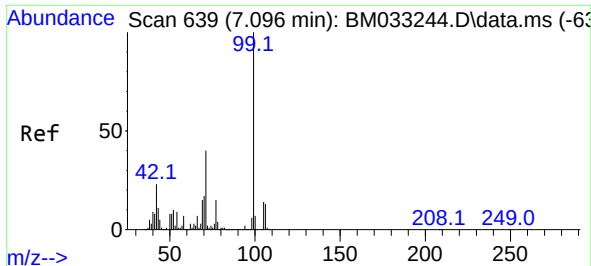
Tgt Ion:152 Resp: 132665
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 62.6 53.8 80.8



#5
2-Fluorophenol
Concen: 39.68 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

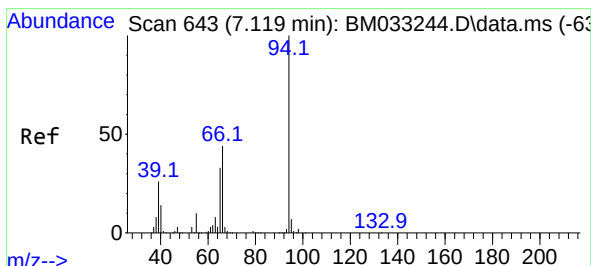
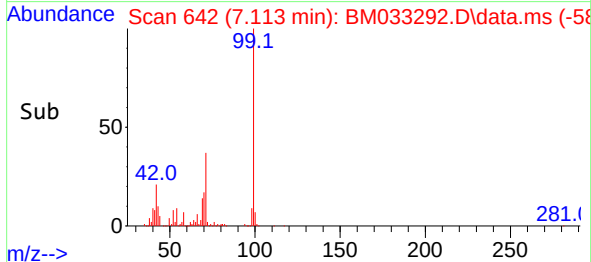
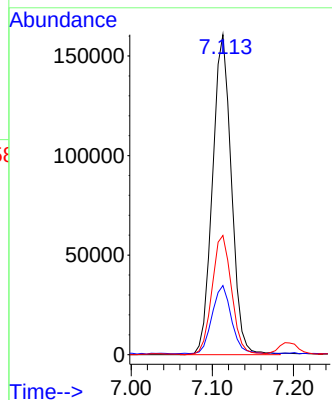
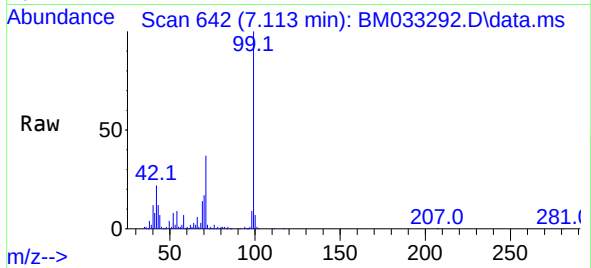




#7
Phenol-d6
Concen: 24.16 ng
RT: 7.113 min Scan# 641
Delta R.T. 0.017 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

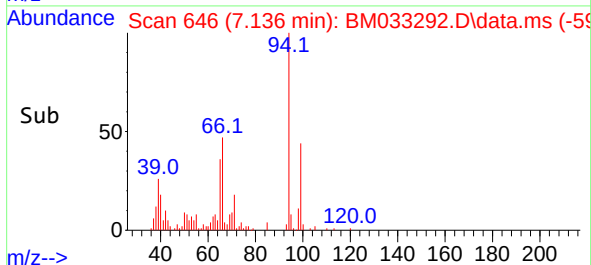
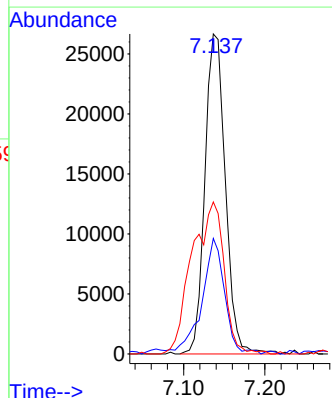
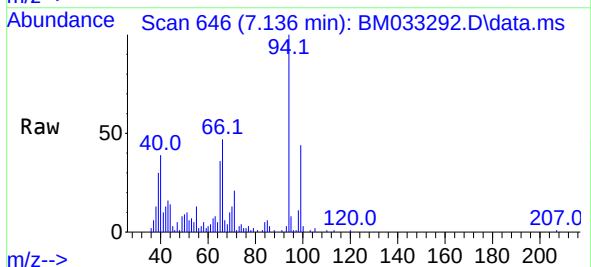
Instrument :
BNA_M
ClientSampleId :
MW-22

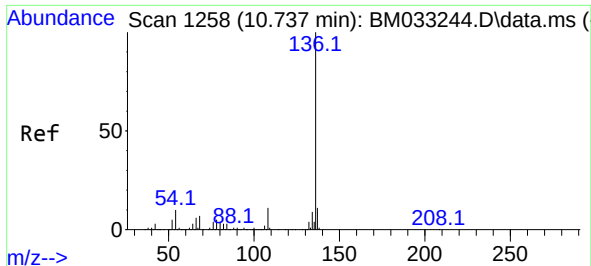
Tgt Ion: 99 Resp: 259948
Ion Ratio Lower Upper
99 100
42 21.6 23.0 34.6#
71 37.2 37.8 56.8#



#10
Phenol
Concen: 4.29 ng
RT: 7.136 min Scan# 646
Delta R.T. 0.017 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.725 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM033292.D

Acq: 03 Dec 2021 18:37

Instrument :

BNA_M

ClientSampleId :

MW-22

Tgt Ion:136 Resp: 534115

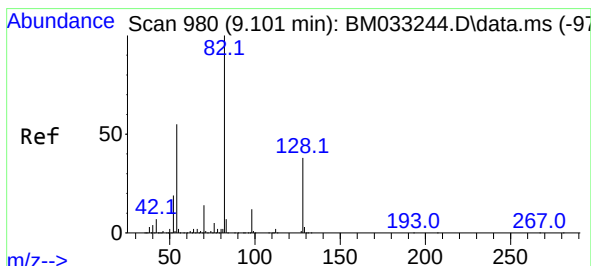
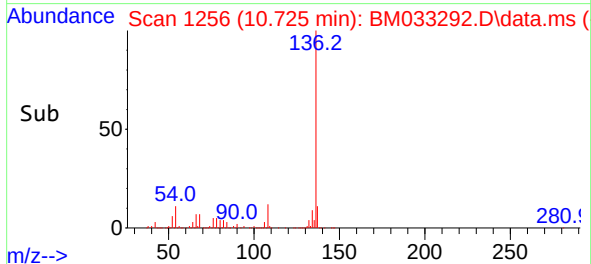
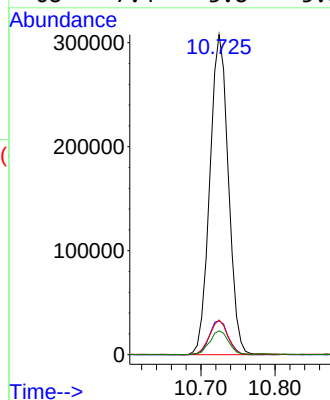
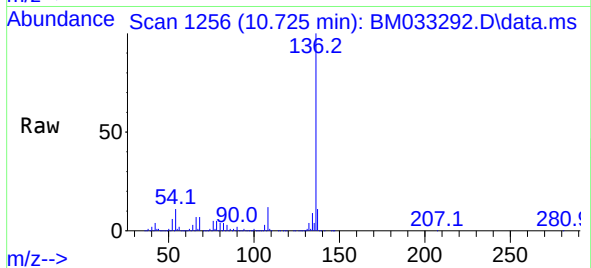
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.9 7.4 11.0

68 7.4 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 79.30 ng

RT: 9.089 min Scan# 978

Delta R.T. -0.012 min

Lab File: BM033292.D

Acq: 03 Dec 2021 18:37

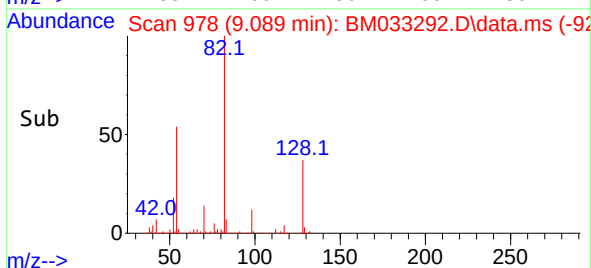
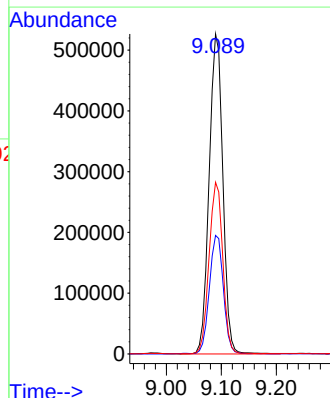
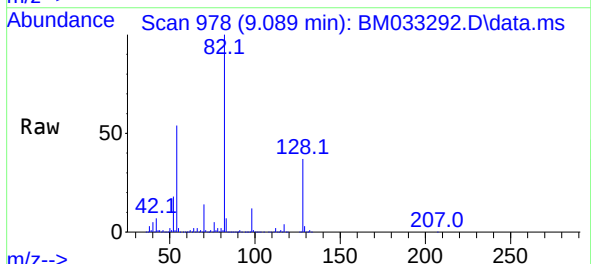
Tgt Ion: 82 Resp: 912397

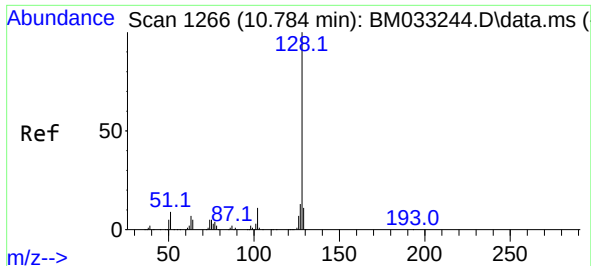
Ion Ratio Lower Upper

82 100

128 37.1 29.0 43.6

54 53.7 45.8 68.8

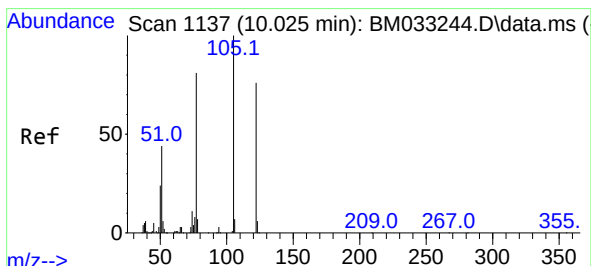
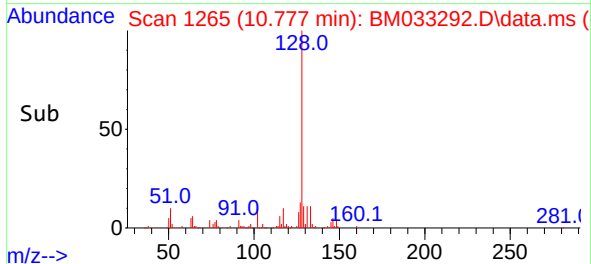
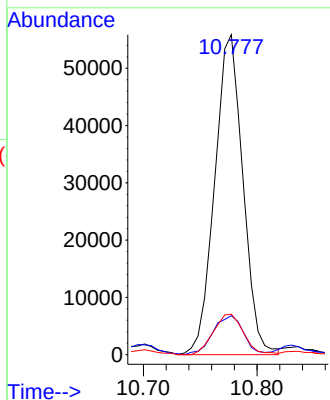
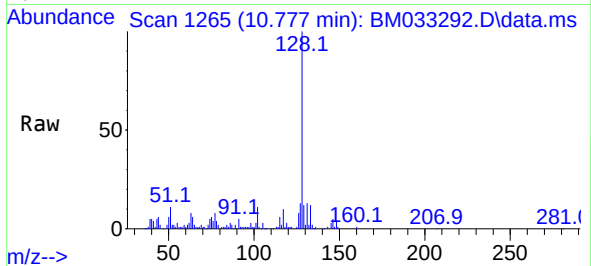




#31
Naphthalene
Concen: 3.43 ng
RT: 10.777 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

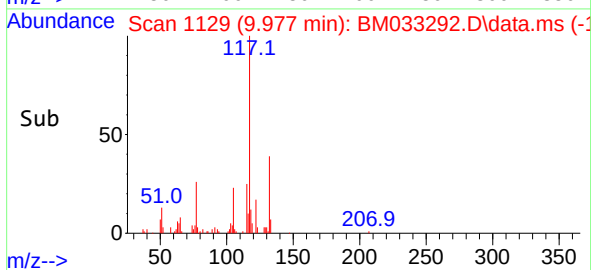
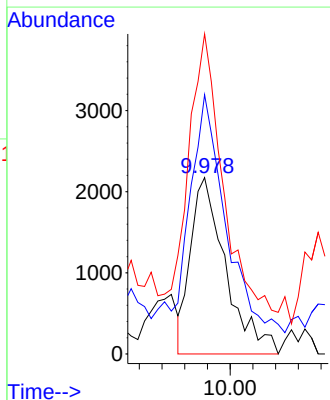
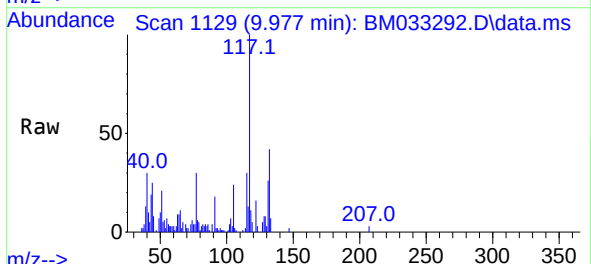
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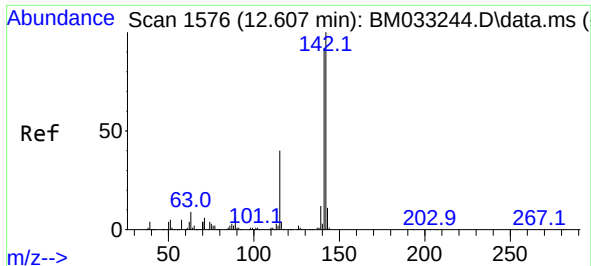
Tgt Ion:128 Resp: 96608
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 6.13 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#

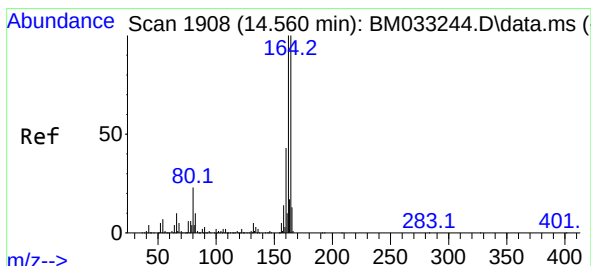
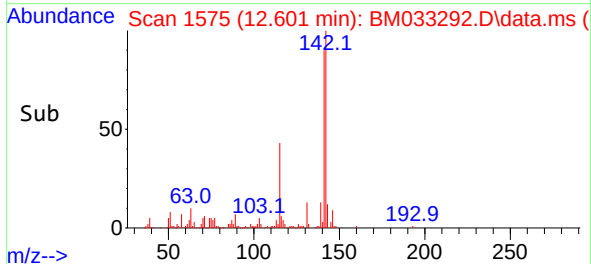
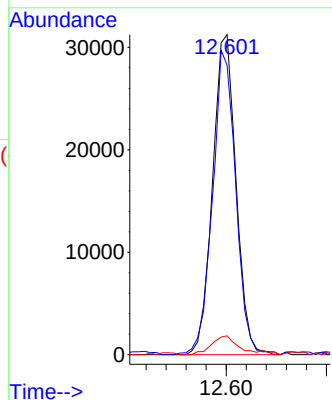
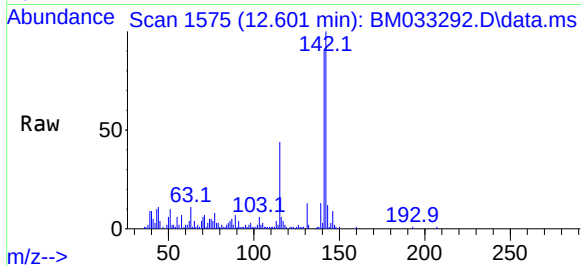




#38
1-Methylnaphthalene
Concen: 2.70 ng
RT: 12.601 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

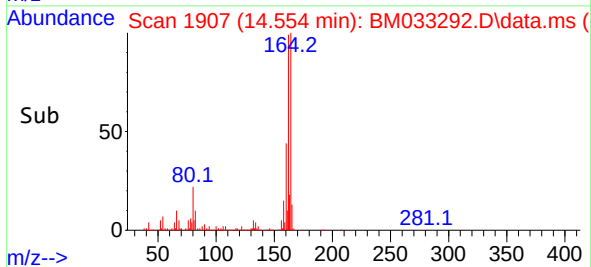
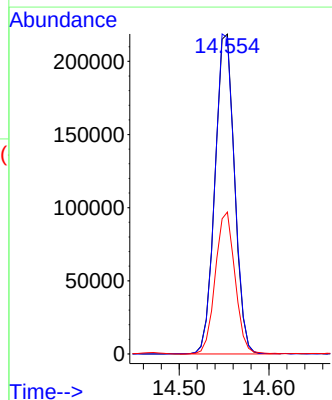
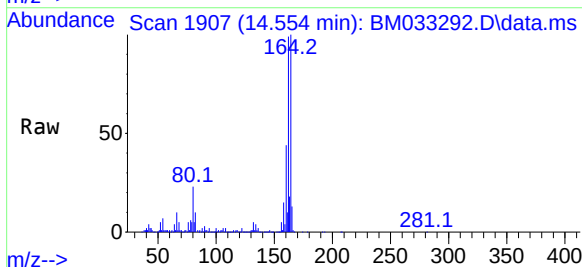
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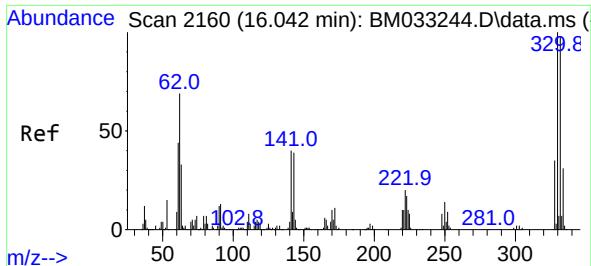
Tgt Ion:142 Resp: 50587
Ion Ratio Lower Upper
142 100
141 90.5 75.6 113.4
116 5.9 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.554 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

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

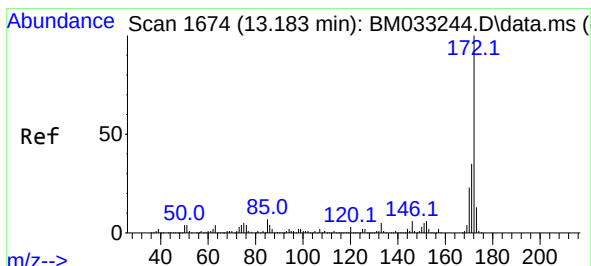
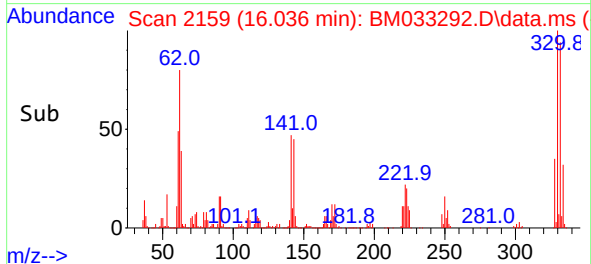
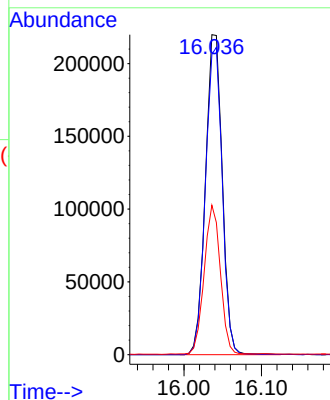
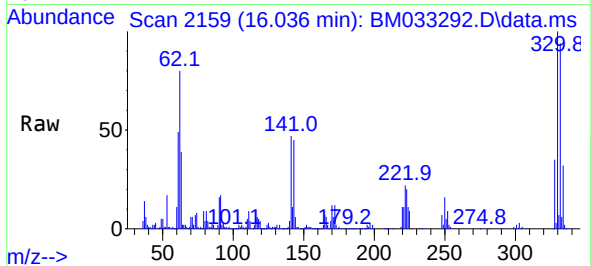




#42
2,4,6-Tribromophenol
Concen: 91.85 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

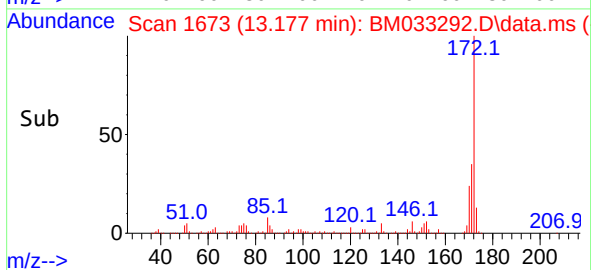
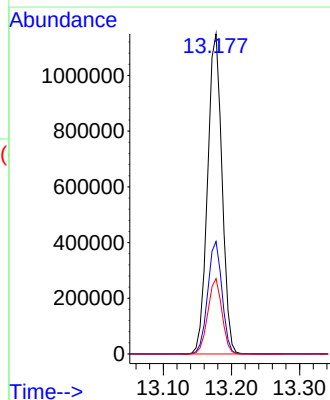
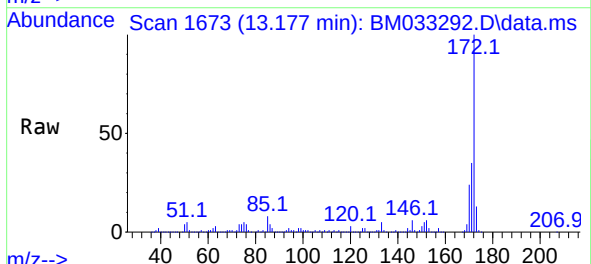
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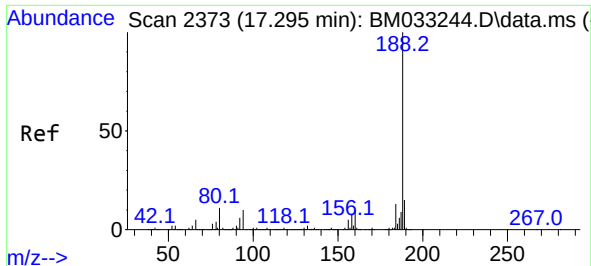
Tgt Ion:330 Resp: 331270
Ion Ratio Lower Upper
330 100
332 96.2 75.7 113.5
141 45.1 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 72.17 ng
RT: 13.177 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

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

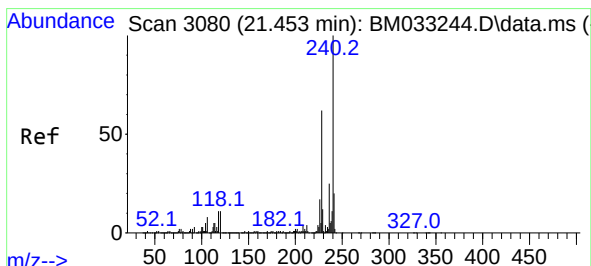
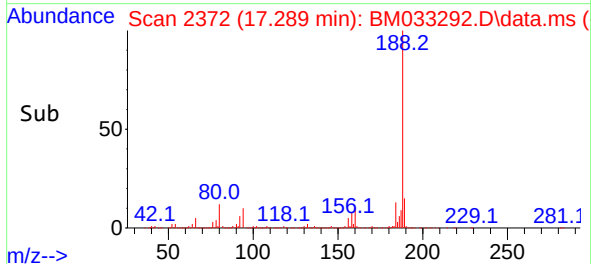
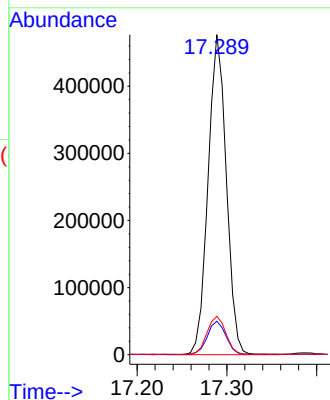
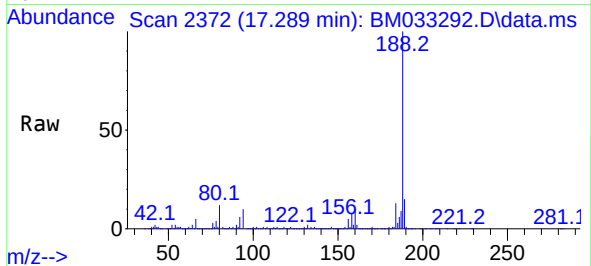




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

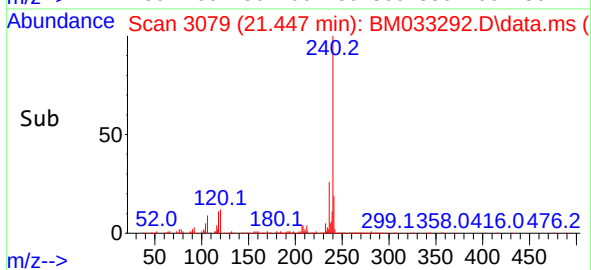
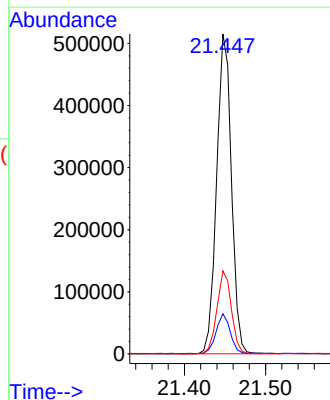
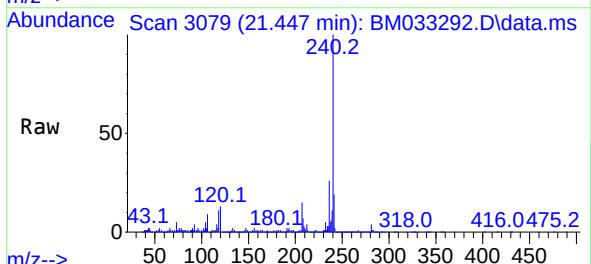
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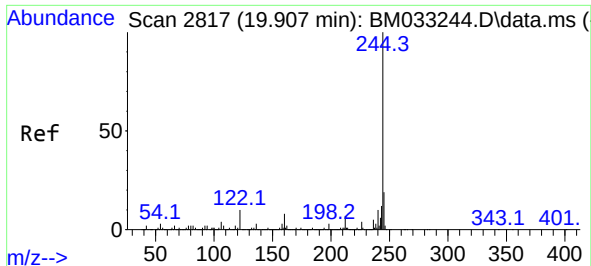
Tgt Ion:188 Resp: 672544
Ion Ratio Lower Upper
188 100
94 10.4 6.3 9.5#
80 12.0 7.3 10.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033292.D
Acq: 03 Dec 2021 18:37

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

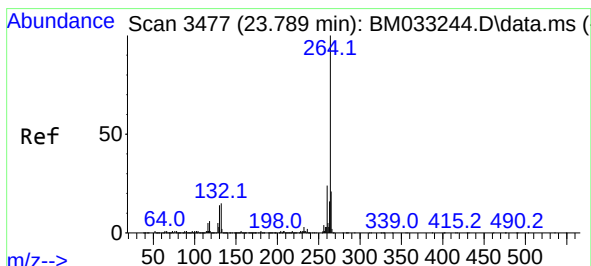
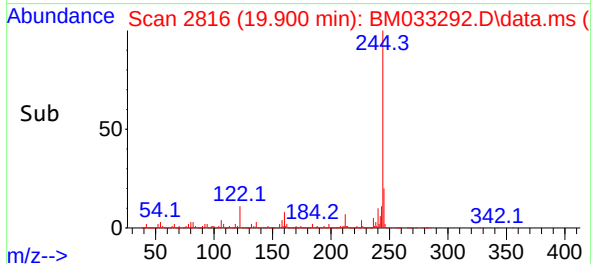
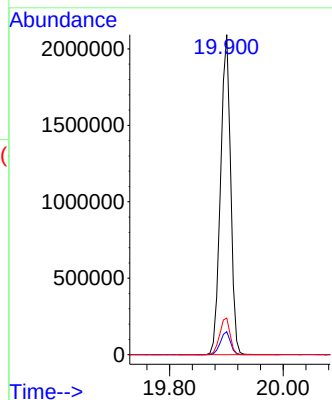
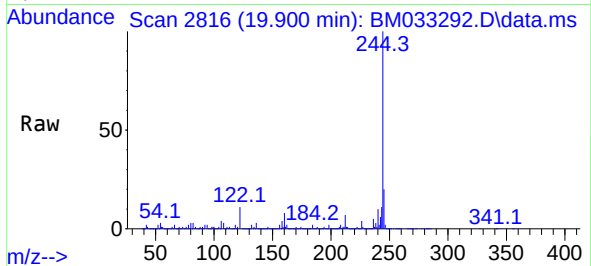




#79
 Terphenyl-d14
 Concen: 78.02 ng
 RT: 19.900 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033292.D
 Acq: 03 Dec 2021 18:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-22

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: 20.00 ng
 RT: 23.782 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BM033292.D
 Acq: 03 Dec 2021 18:37

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

