

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033527.D
 Acq On : 18 Dec 2021 20:02
 Operator : CG/JU
 Sample : M5039-01DL5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-11DL

Quant Time: Dec 20 07:09:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

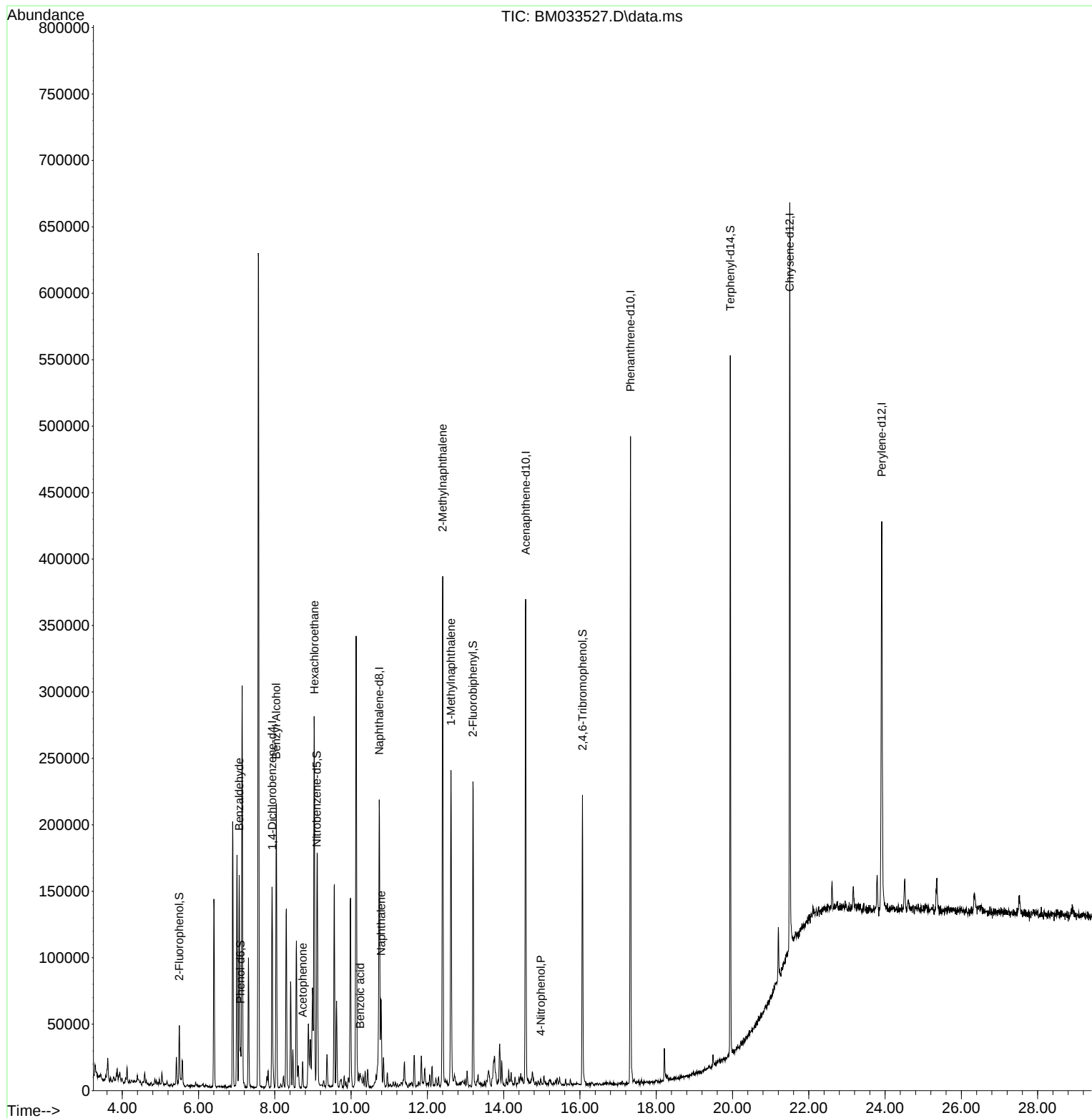
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	34454	20.000	ng	-0.01
21) Naphthalene-d8	10.736	136	152698	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	117140	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	269463	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	260289	20.000	ng	-0.01
86) Perylene-d12	23.912	264	218509	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	15739	7.882	ng	0.00
7) Phenol-d6	7.101	99	14296	5.335	ng	-0.01
23) Nitrobenzene-d5	9.101	82	41069	11.548	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	30473	23.126	ng	-0.01
45) 2-Fluorobiphenyl	13.195	172	106139	12.534	ng	-0.02
79) Terphenyl-d14	19.942	244	208901	12.635	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	68	Below Cal	#	1
9) Benzaldehyde	7.066	77	13126	4.317	ng	# 1
15) Benzyl Alcohol	8.037	79	11497	4.760	ng	# 7
18) Hexachloroethane	9.036	117	28848	25.655	ng	# 1
22) Acetophenone	8.731	105	12457	3.013	ng	# 56
31) Naphthalene	10.789	128	32046	3.874	ng	# 95
32) Benzoic acid	10.236	122	216	3.108	ng	# 37
37) 2-Methylnaphthalene	12.401	142	161428	28.212	ng	94
38) 1-Methylnaphthalene	12.619	142	93953	16.461	ng	100
56) 4-Nitrophenol	14.977	139	55	4.041	ng	# 32

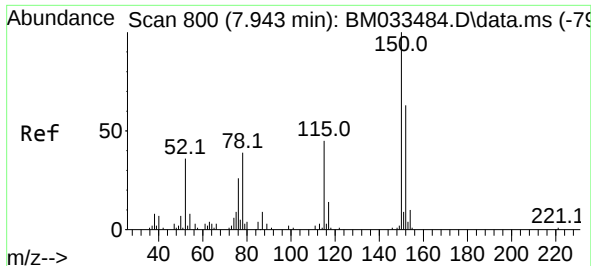
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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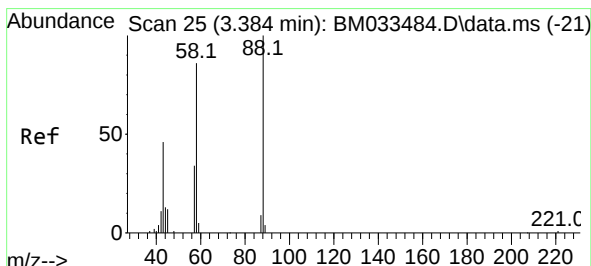
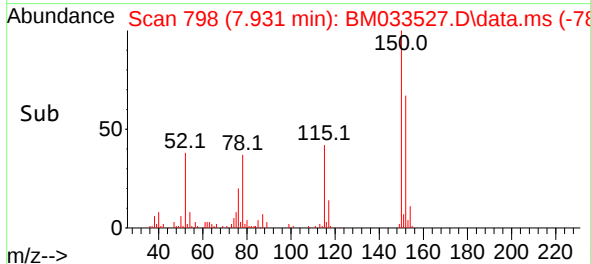
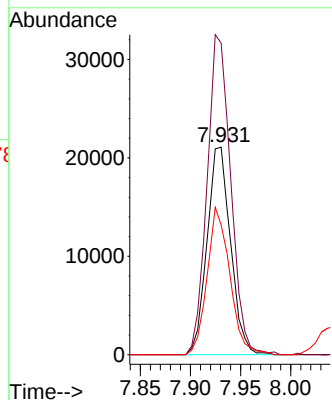
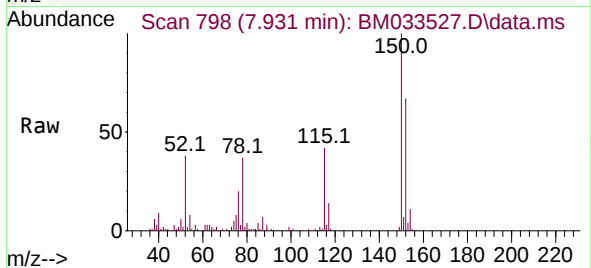




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

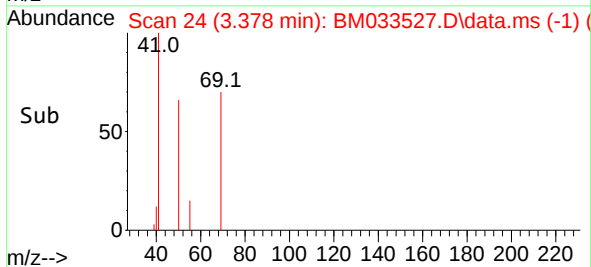
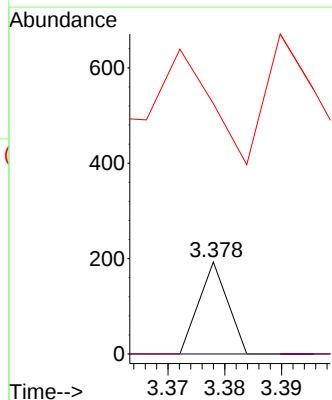
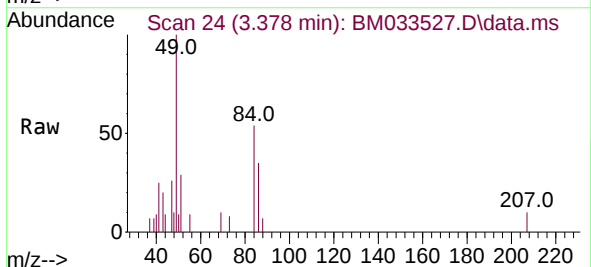
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BNA_M
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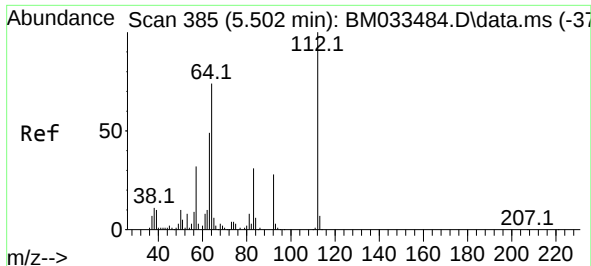
Tgt Ion:152 Resp: 34454
Ion Ratio Lower Upper
152 100
150 150.1 128.9 193.3
115 62.4 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.378 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
58 0.0 67.0 100.4#
43 579.4 31.6 47.4#

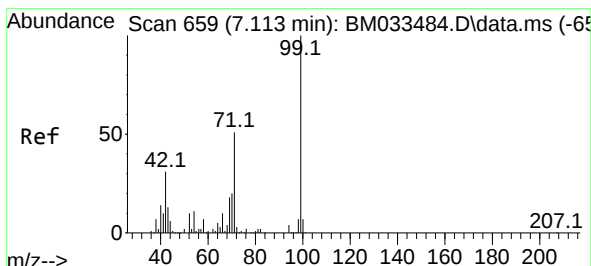
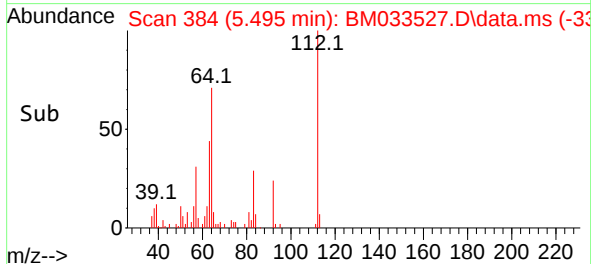
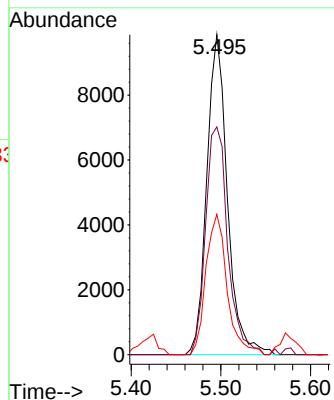
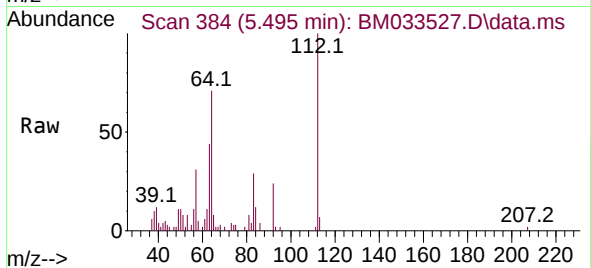




#5
2-Fluorophenol
Concen: 7.882 ng
RT: 5.495 min Scan# 385
Delta R.T. -0.007 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

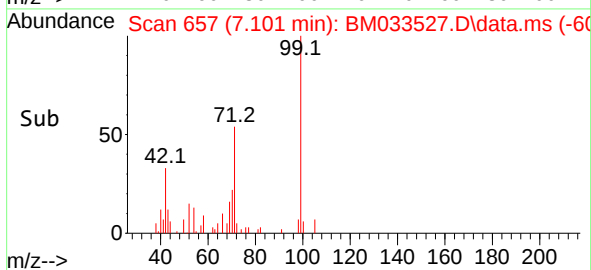
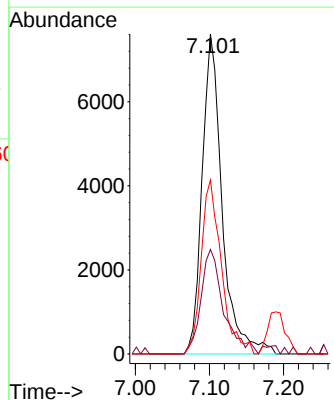
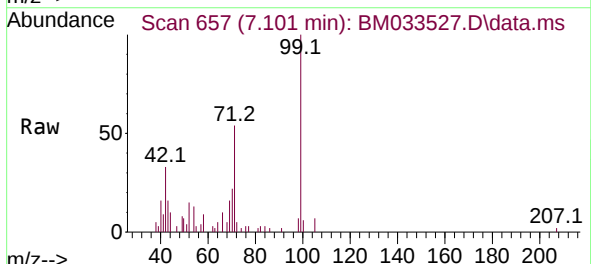
Instrument :
BNA_M
ClientSampleId :
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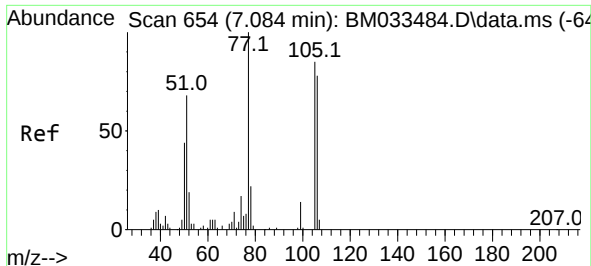
Tgt Ion:112 Resp: 15739
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 43.9 31.3 46.9



#7
Phenol-d6
Concen: 5.335 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion: 99 Resp: 14296
Ion Ratio Lower Upper
99 100
42 32.7 20.3 30.5#
71 54.4 34.5 51.7#

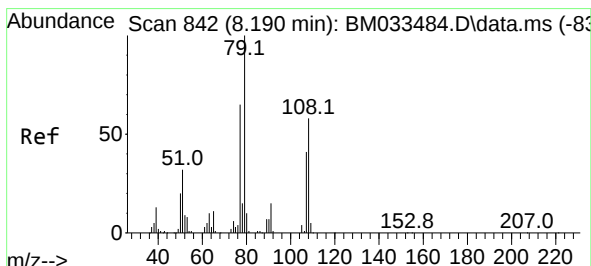
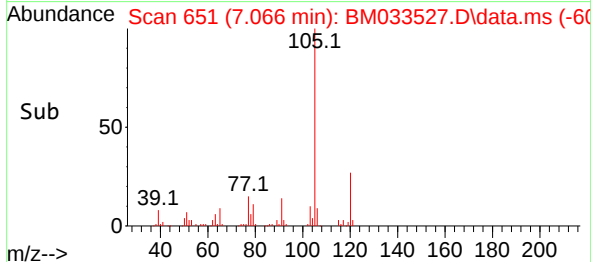
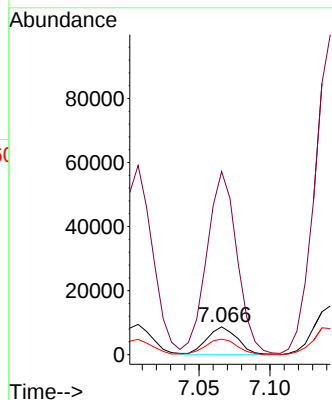
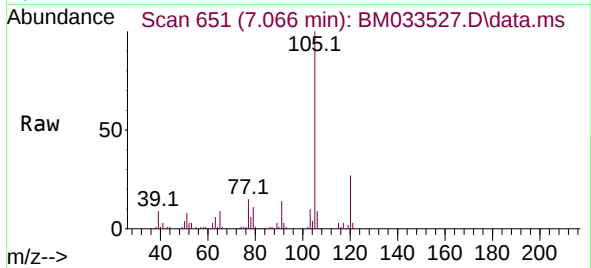




#9
Benzaldehyde
Concen: 4.317 ng
RT: 7.066 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

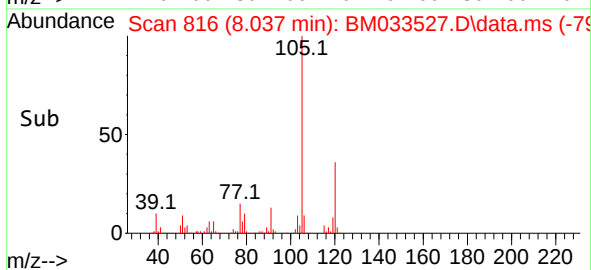
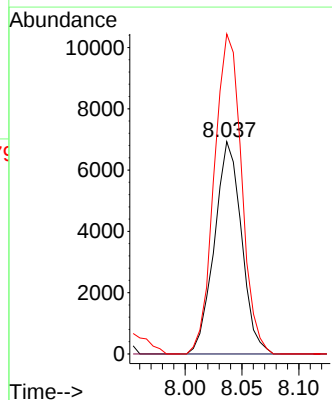
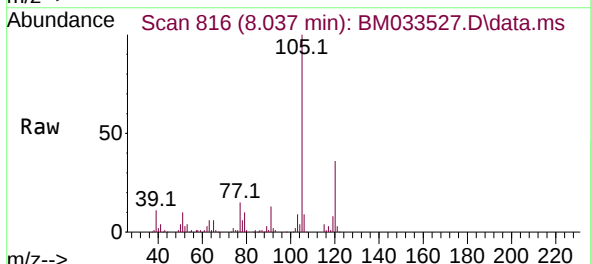
Instrument :
BNA_M
ClientSampleId :
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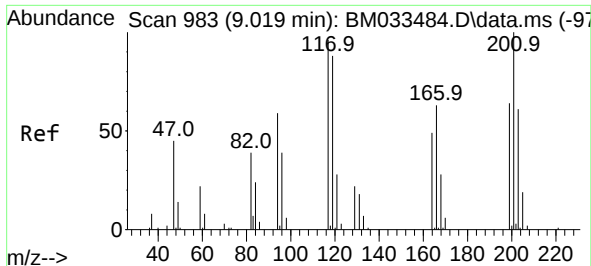
Tgt Ion: 77 Resp: 13126
Ion Ratio Lower Upper
77 100
105 657.4 67.1 107.1#
106 56.0 64.3 104.3#



#15
Benzyl Alcohol
Concen: 4.760 ng
RT: 8.037 min Scan# 816
Delta R.T. -0.153 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion: 79 Resp: 11497
Ion Ratio Lower Upper
79 100
108 0.0 51.1 76.7#
77 150.7 53.8 80.8#

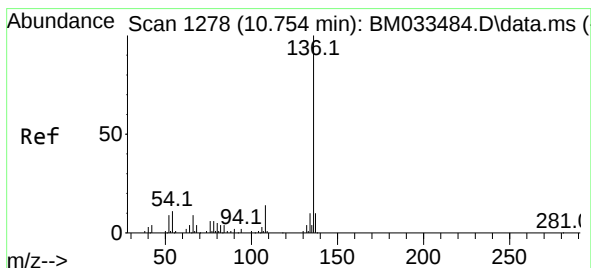
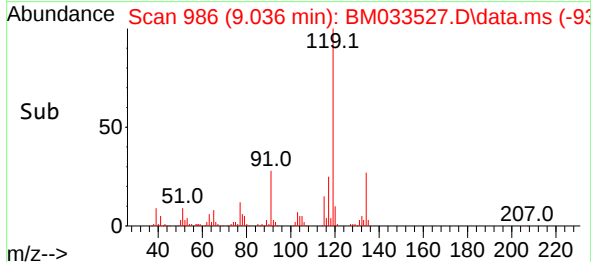
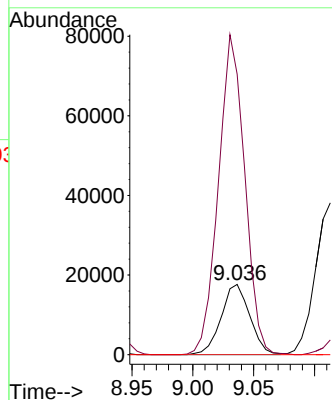
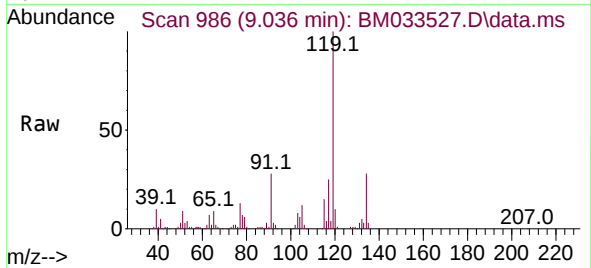




#18
Hexachloroethane
Concen: 25.655 ng
RT: 9.036 min Scan# 91
Delta R.T. 0.017 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

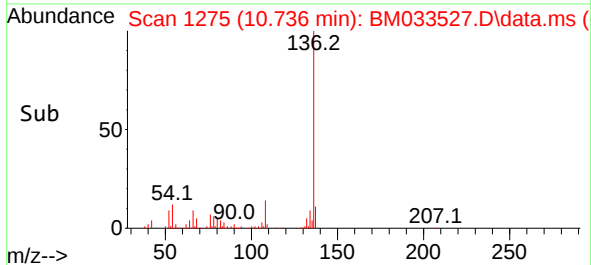
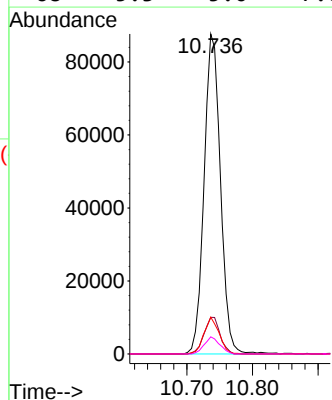
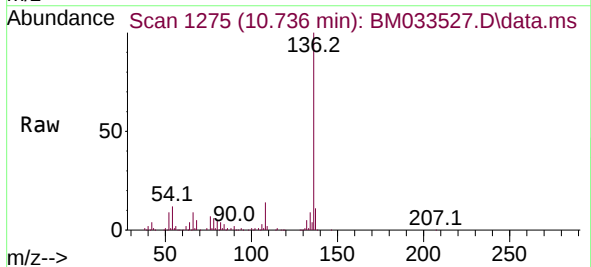
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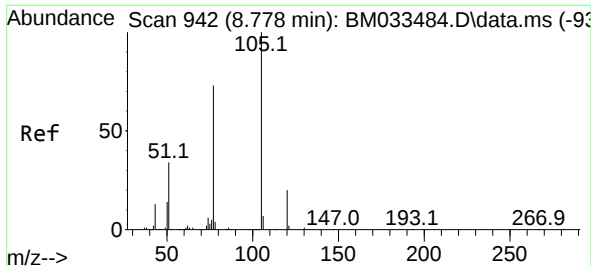
Tgt Ion:117 Resp: 28848
Ion Ratio Lower Upper
117 100
119 399.7 75.0 112.6#
201 0.0 75.2 112.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1275
Delta R.T. -0.018 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion:136 Resp: 152698
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 11.5 8.3 12.5
68 5.3 5.0 7.6

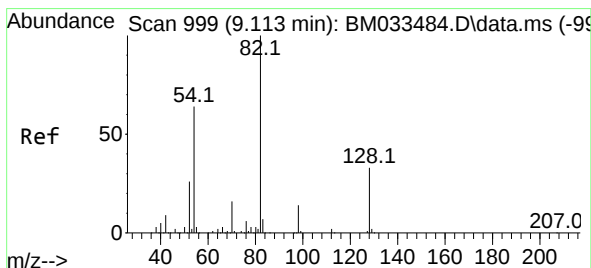
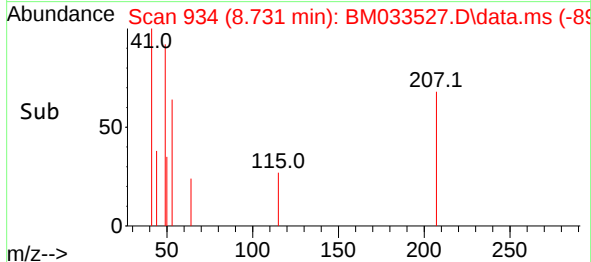
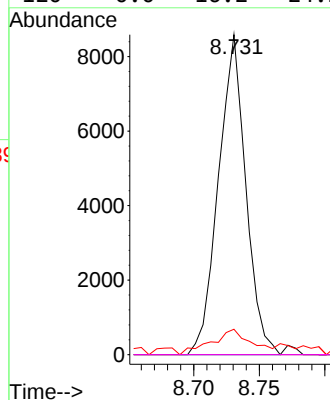
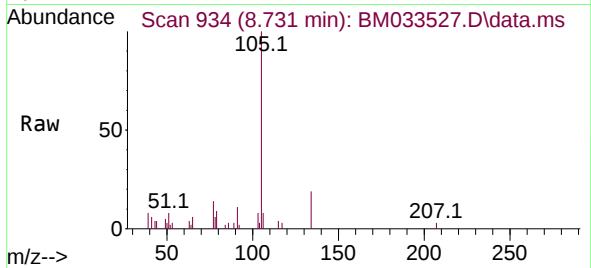




#22
Acetophenone
Concen: 3.013 ng
RT: 8.731 min Scan# 911
Delta R.T. -0.047 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

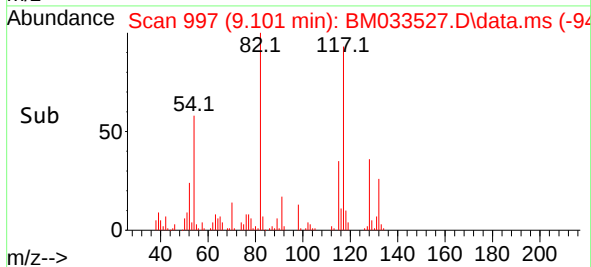
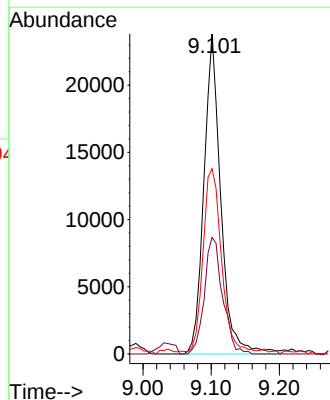
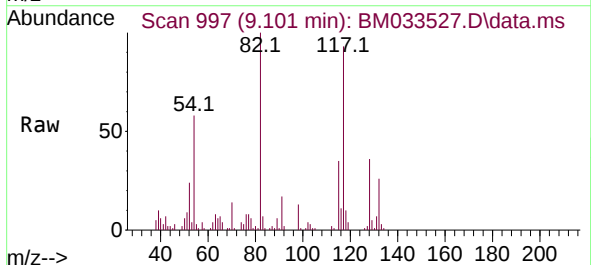
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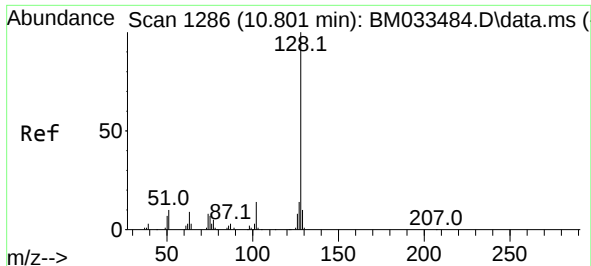
Tgt Ion:105 Resp: 12457
Ion Ratio Lower Upper
105 100
71 0.0 1.6 2.4#
51 7.9 27.7 41.5#
120 0.0 16.2 24.2#



#23
Nitrobenzene-d5
Concen: 11.548 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion: 82 Resp: 41069
Ion Ratio Lower Upper
82 100
128 36.4 28.1 42.1
54 57.9 46.1 69.1

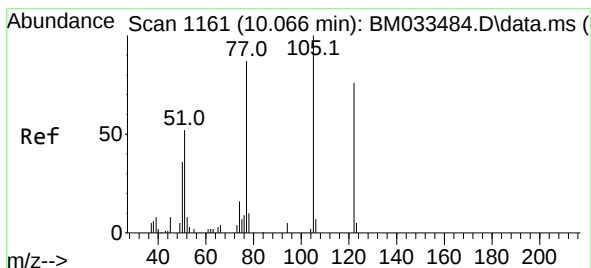
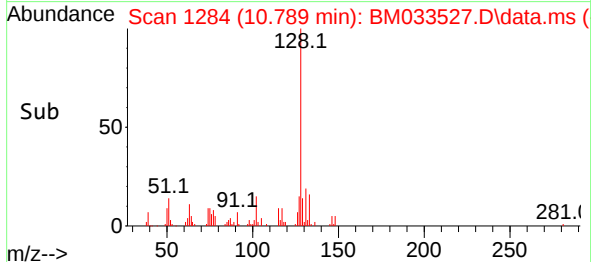
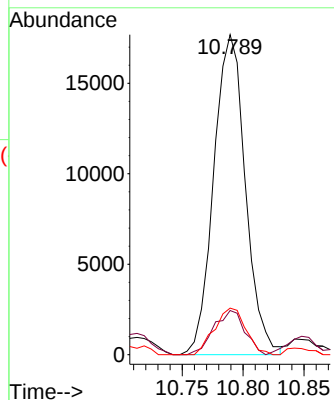
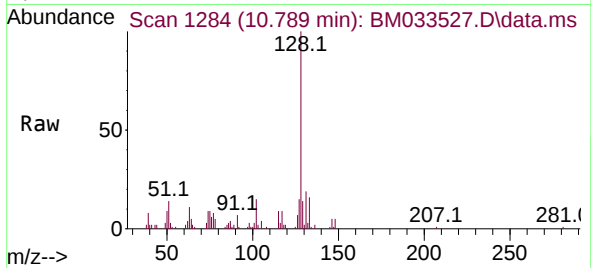




#31
Naphthalene
Concen: 3.874 ng
RT: 10.789 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

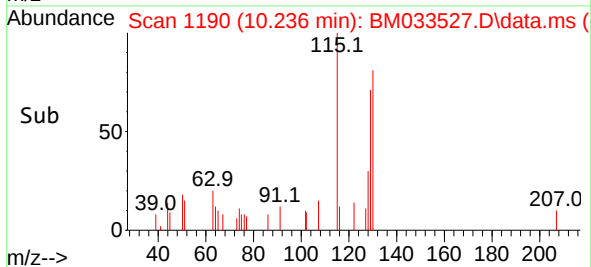
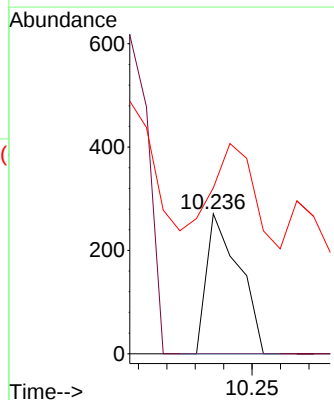
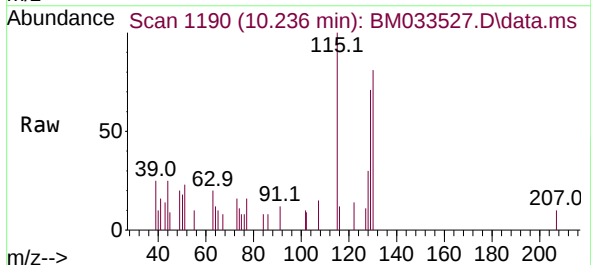
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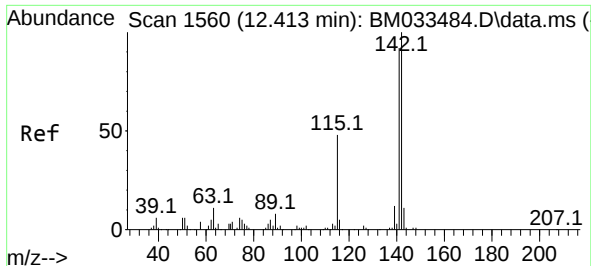
Tgt Ion:128 Resp: 32046
Ion Ratio Lower Upper
128 100
129 13.8 8.5 12.7#
127 14.5 10.8 16.2



#32
Benzoic acid
Concen: 3.108 ng
RT: 10.236 min Scan# 1190
Delta R.T. 0.170 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 0.0 119.6 159.6#
77 118.5 101.0 141.0

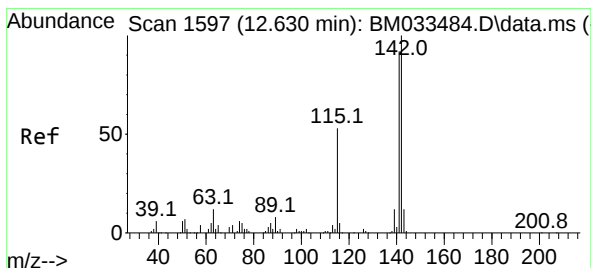
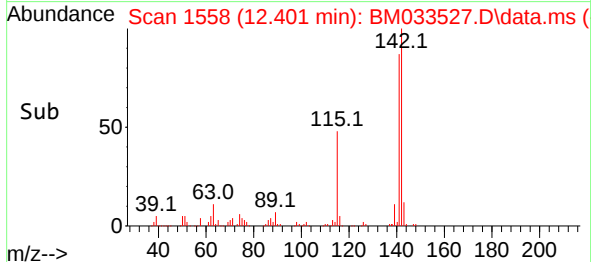
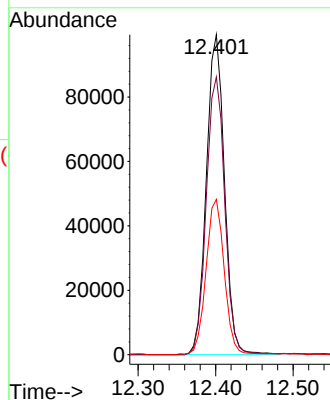
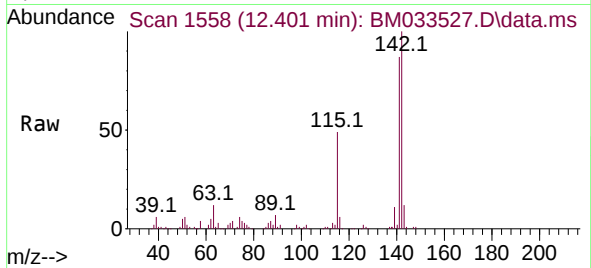




#37
2-Methylnaphthalene
Concen: 28.212 ng
RT: 12.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

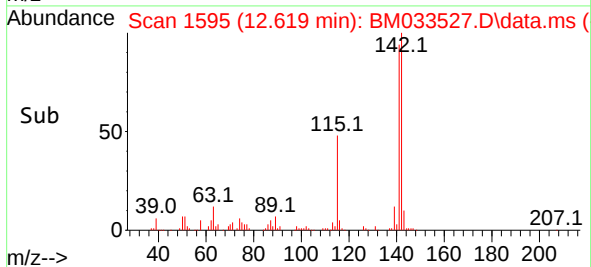
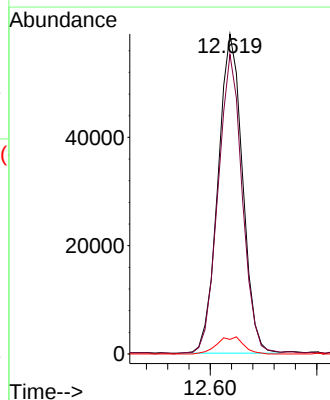
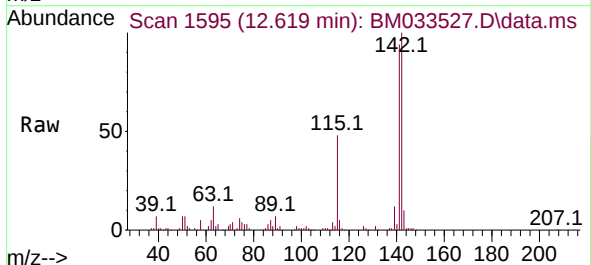
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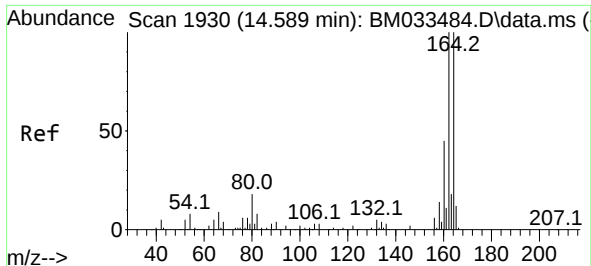
Tgt Ion:142 Resp: 161428
Ion Ratio Lower Upper
142 100
141 86.8 72.2 108.2
115 48.6 33.0 49.6



#38
1-Methylnaphthalene
Concen: 16.461 ng
RT: 12.619 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion:142 Resp: 93953
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4
116 4.6 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1930

Delta R.T. -0.012 min

Lab File: BM033527.D

Acq: 18 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

MW-11DL

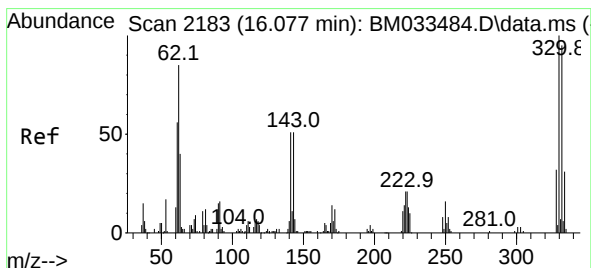
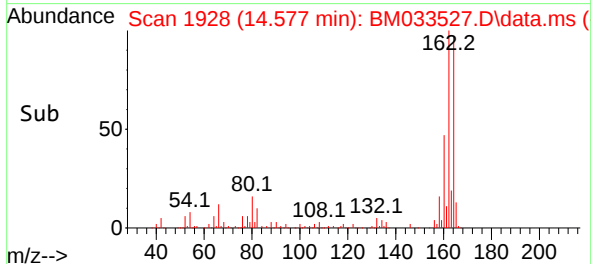
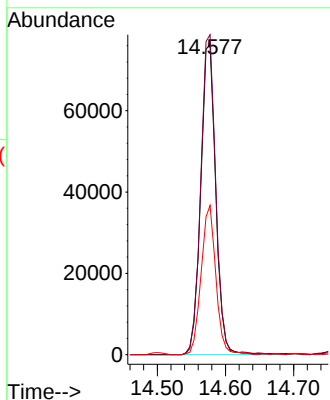
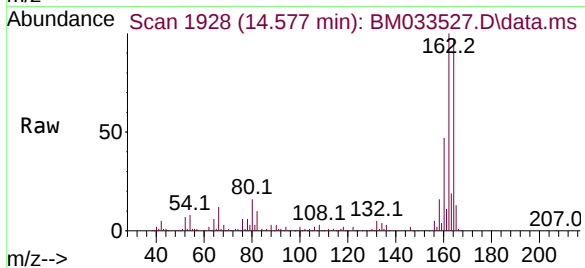
Tgt Ion:164 Resp: 117140

Ion Ratio Lower Upper

164 100

162 103.1 79.7 119.5

160 48.1 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 23.126 ng

RT: 16.065 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BM033527.D

Acq: 18 Dec 2021 20:02

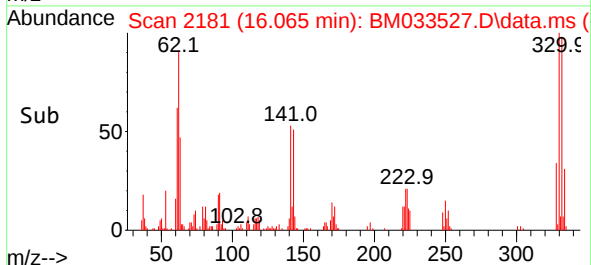
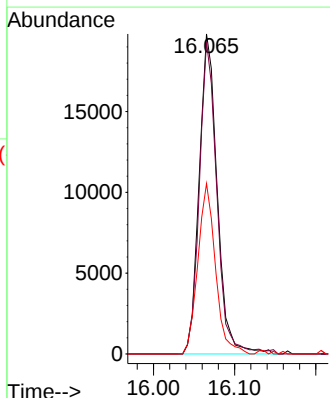
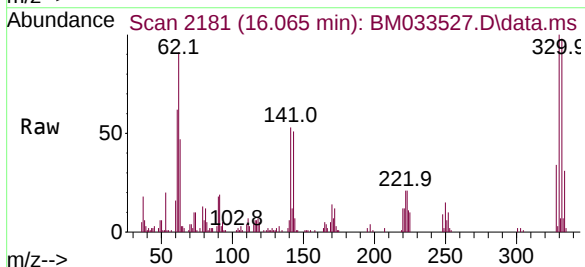
Tgt Ion:330 Resp: 30473

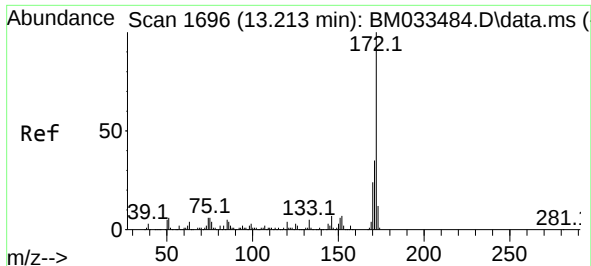
Ion Ratio Lower Upper

330 100

332 95.4 76.5 114.7

141 52.2 35.9 53.9

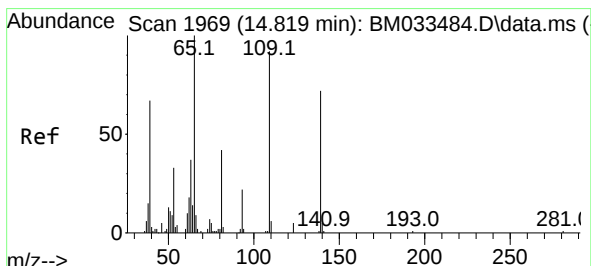
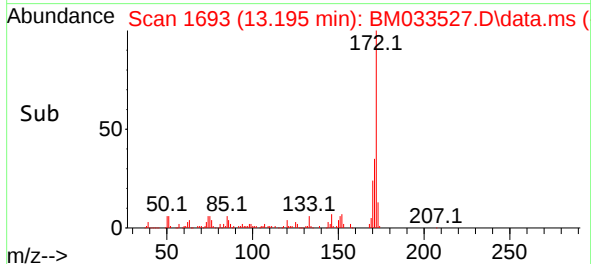
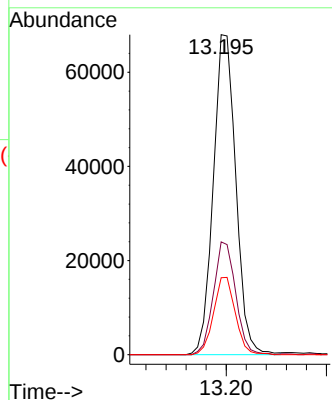
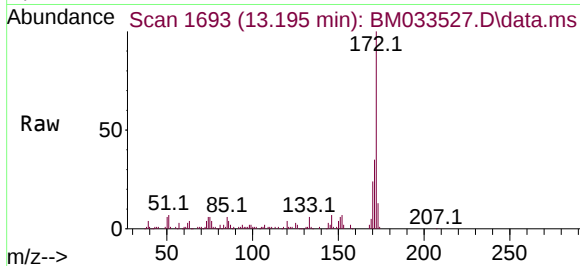




#45
2-Fluorobiphenyl
Concen: 12.534 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

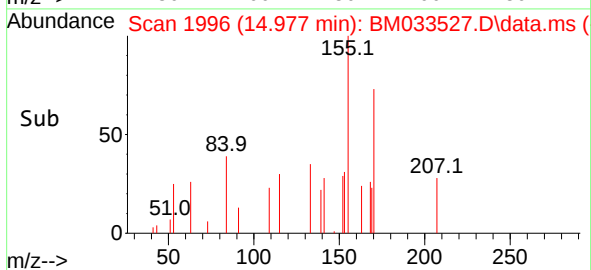
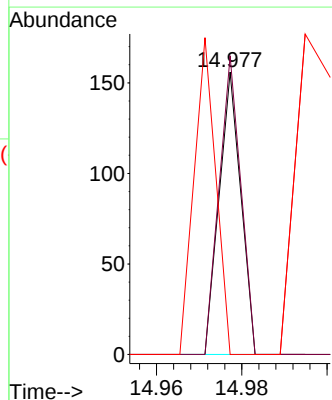
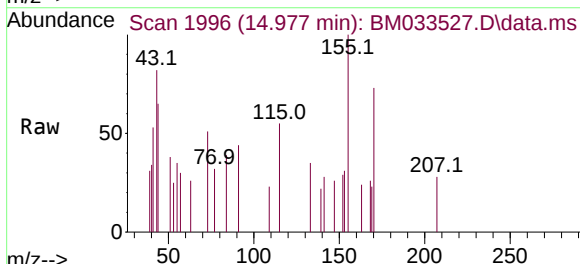
Instrument :
BNA_M
ClientSampleId :
MW-11DL

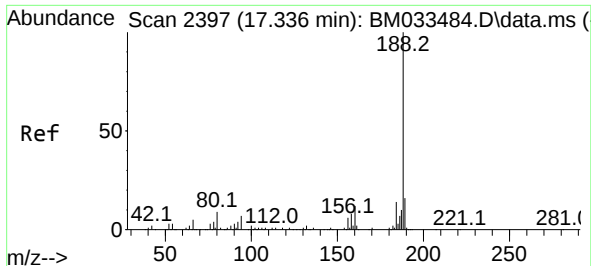
Tgt Ion:172 Resp: 106139
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 24.0 18.7 28.1



#56
4-Nitrophenol
Concen: 4.041 ng
RT: 14.977 min Scan# 1996
Delta R.T. 0.158 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 105.8 75.3 115.3
65 0.0 107.4 147.4#

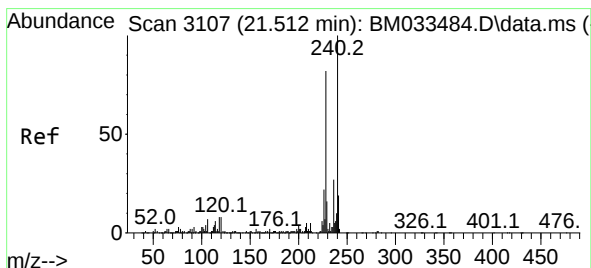
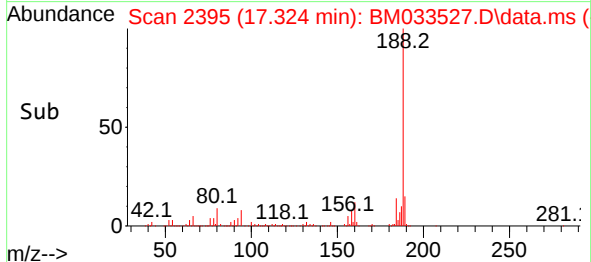
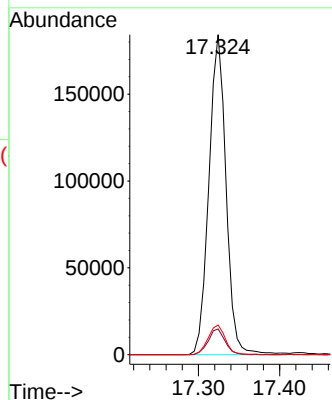
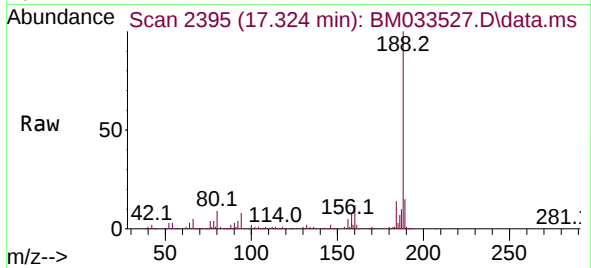




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

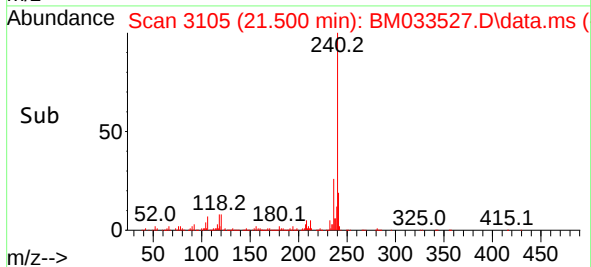
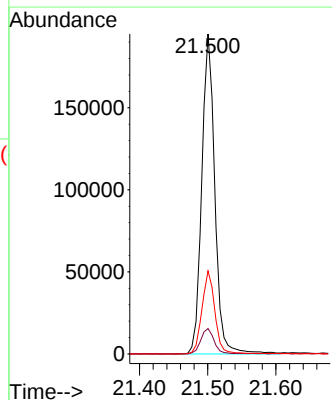
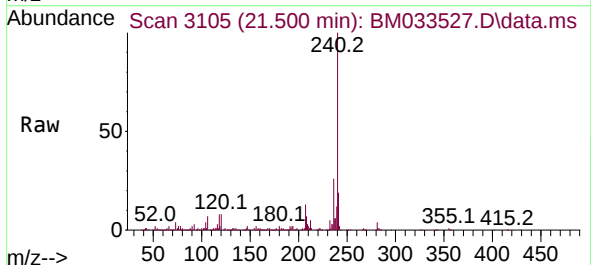
Instrument :
BNA_M
ClientSampleId :
MW-11DL

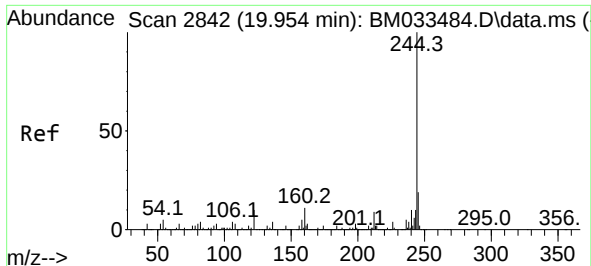
Tgt Ion:188 Resp: 269463
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Tgt Ion:240 Resp: 260289
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 26.0 20.3 30.5

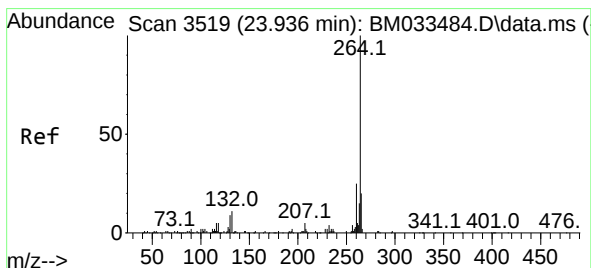
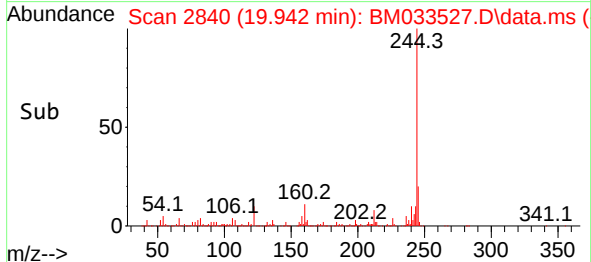
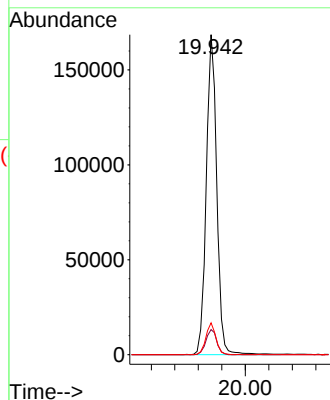
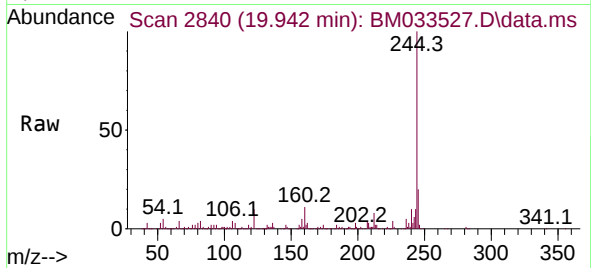




#79
 Terphenyl-d14
 Concen: 12.635 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033527.D
 Acq: 18 Dec 2021 20:02

Instrument :
 BNA_M
 ClientSampleId :
 MW-11DL

Tgt Ion:244 Resp: 208901
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.024 min
 Lab File: BM033527.D
 Acq: 18 Dec 2021 20:02

Tgt Ion:264 Resp: 218509
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.7 26.5
 265 21.8 17.7 26.5

