

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033526.D
 Acq On : 18 Dec 2021 19:26
 Operator : CG/JU
 Sample : M5115-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2R

Quant Time: Dec 20 07:08:48 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)

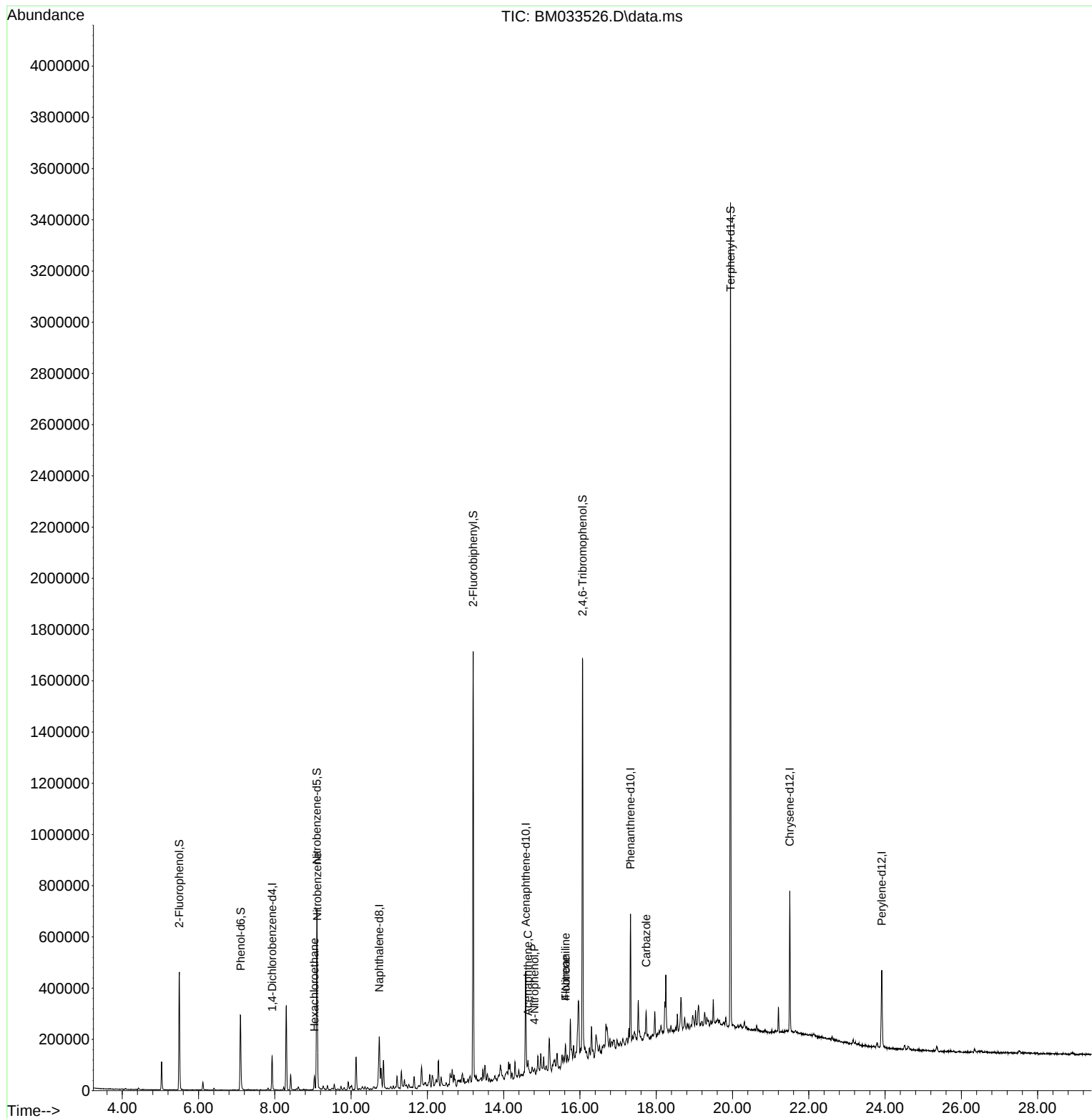
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	29496	20.000	ng	-0.01
21) Naphthalene-d8	10.736	136	137464	20.000	ng	#-0.02
39) Acenaphthene-d10	14.577	164	111114	20.000	ng	#-0.01
64) Phenanthrene-d10	17.324	188	257173	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	240403	20.000	ng	-0.01
86) Perylene-d12	23.912	264	219639	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	157483	92.129	ng	0.00
7) Phenol-d6	7.101	99	136334	59.431	ng	-0.01
23) Nitrobenzene-d5	9.101	82	335779	104.882	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	215207	172.178	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	761340	94.782	ng	-0.01
79) Terphenyl-d14	19.948	244	1302463	85.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	228	Below Cal	#	33
9) Benzaldehyde	7.101	77	474	Below Cal	#	7
18) Hexachloroethane	9.037	117	19683	20.447	ng	# 12
24) Nitrobenzene	9.113	77	6924	2.202	ng	# 12
52) Acenaphthene	14.636	154	15267	2.495	ng	96
56) 4-Nitrophenol	14.807	139	748	4.597	ng	# 51
58) Fluorene	15.624	166	26350	3.166	ng	99
62) 4-Nitroaniline	15.624	138	847	3.084	ng	# 69
73) Carbazole	17.736	167	58625	4.745	ng	# 94

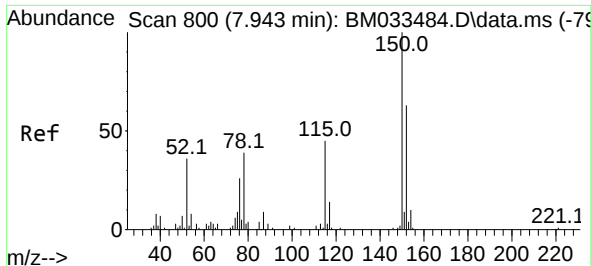
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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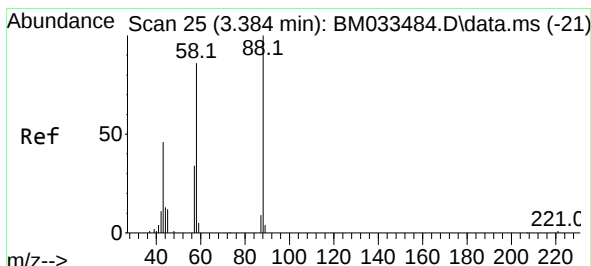
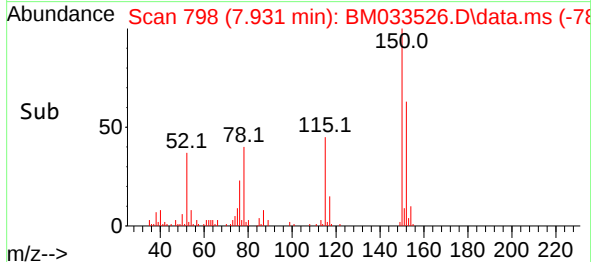
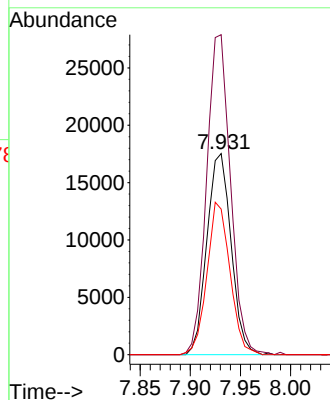
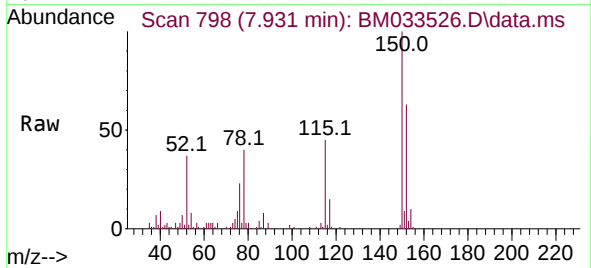




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

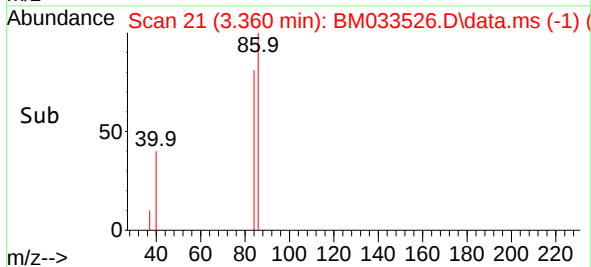
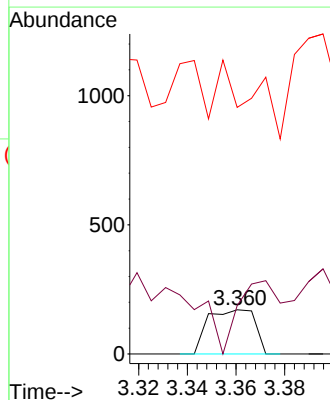
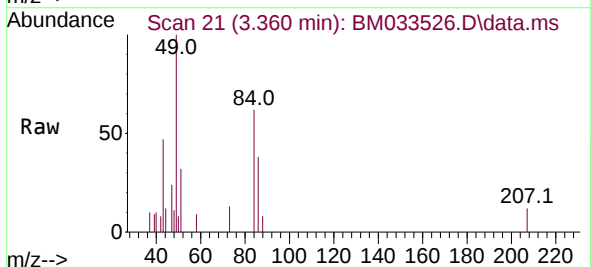
Instrument :
BNA_M
ClientSampleId :
MW-2R

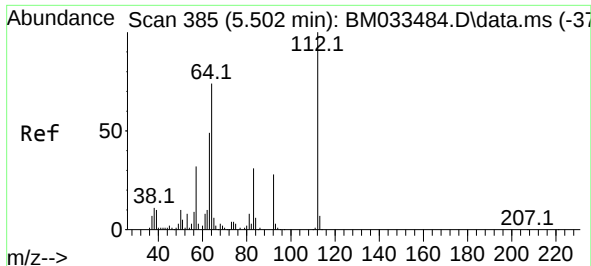
Tgt Ion:152 Resp: 29496
Ion Ratio Lower Upper
152 100
150 159.1 128.9 193.3
115 72.4 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.360 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
58 145.2 67.0 100.4#
43 0.0 31.6 47.4#

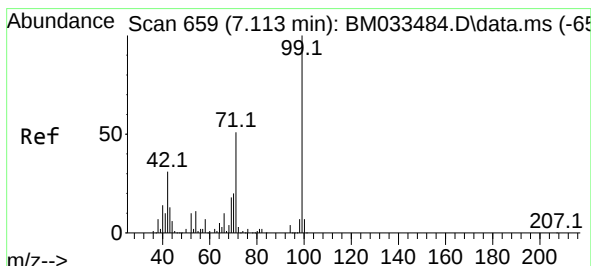
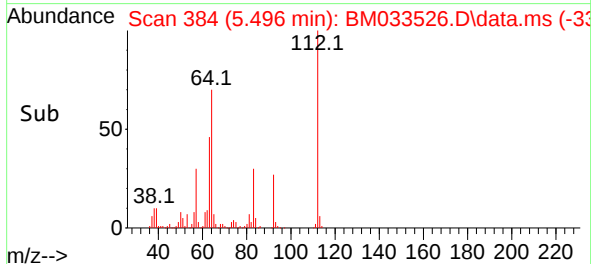
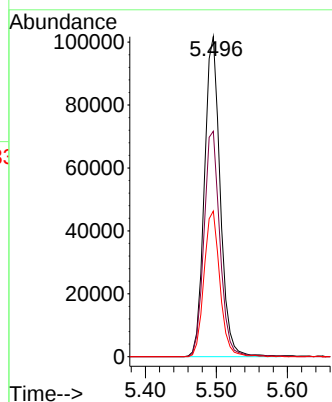
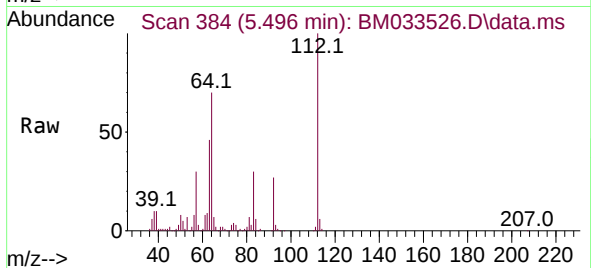




#5
2-Fluorophenol
Concen: 92.129 ng
RT: 5.496 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

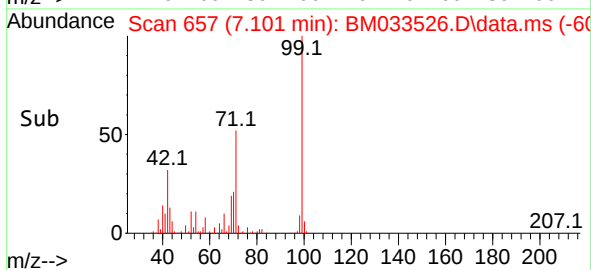
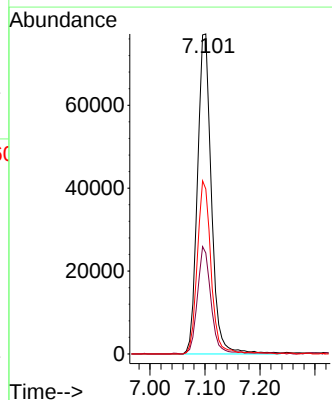
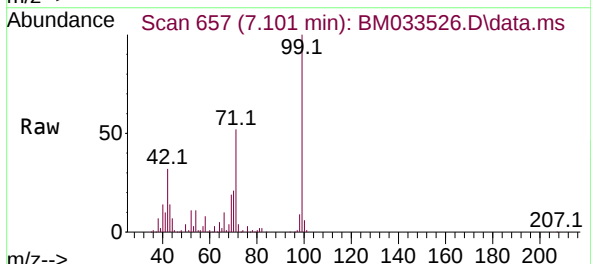
Instrument :
BNA_M
ClientSampleId :
MW-2R

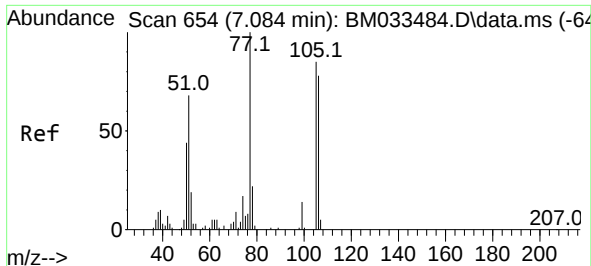
Tgt Ion:112 Resp: 157483
Ion Ratio Lower Upper
112 100
64 70.5 55.5 83.3
63 45.5 31.3 46.9



#7
Phenol-d6
Concen: 59.431 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion: 99 Resp: 136334
Ion Ratio Lower Upper
99 100
42 31.5 20.3 30.5#
71 51.5 34.5 51.7

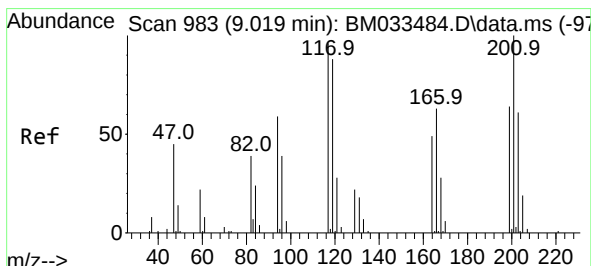
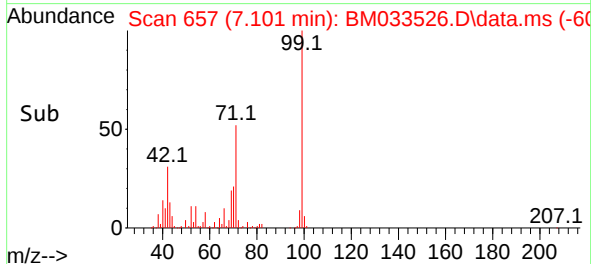
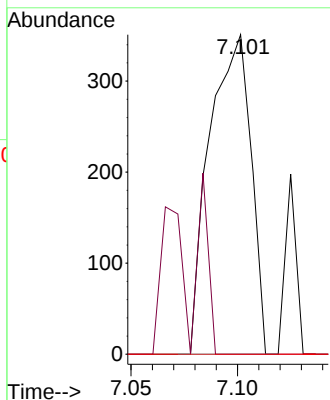
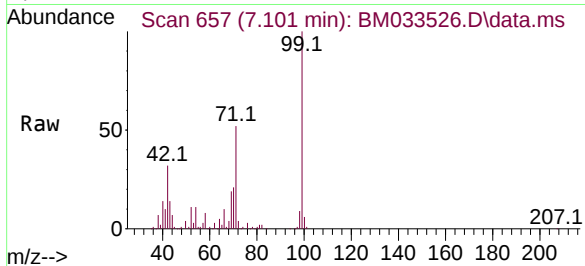




#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 61
Delta R.T. 0.017 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

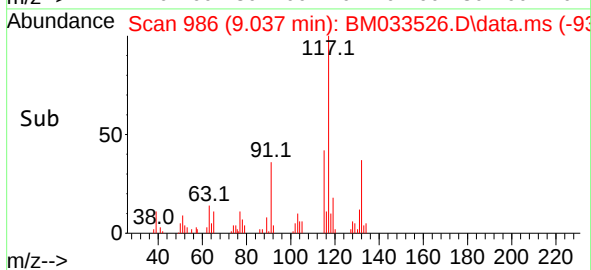
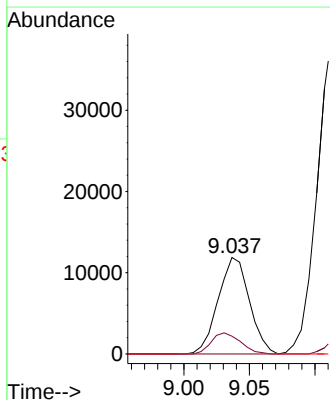
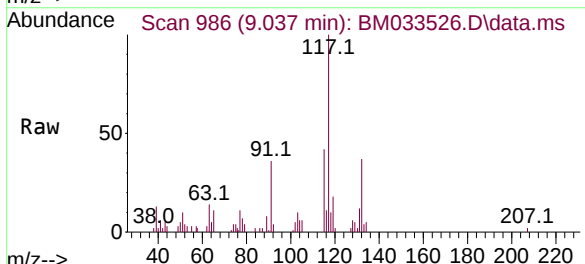
Instrument :
BNA_M
ClientSampleId :
MW-2R

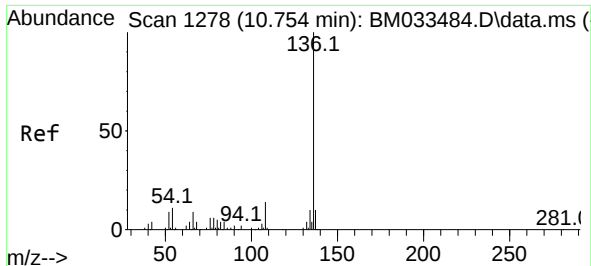
Tgt Ion: 77 Resp: 474
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#18
Hexachloroethane
Concen: 20.447 ng
RT: 9.037 min Scan# 986
Delta R.T. 0.018 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion: 117 Resp: 19683
Ion Ratio Lower Upper
117 100
119 18.4 75.0 112.6#
201 0.0 75.2 112.8#

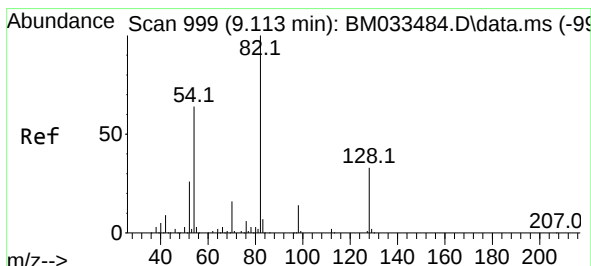
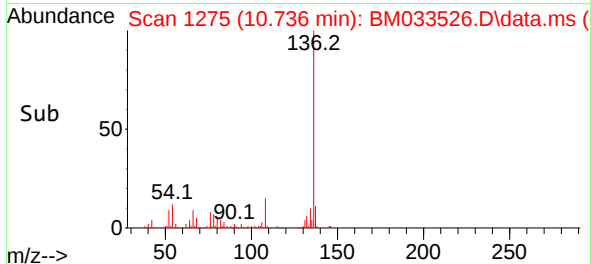
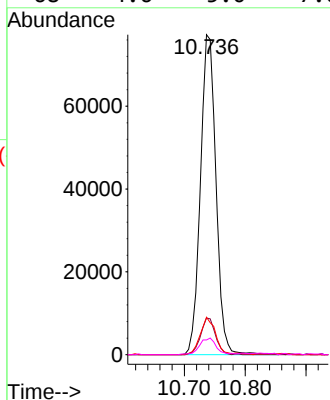
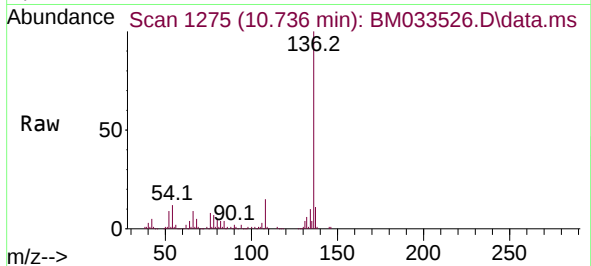




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

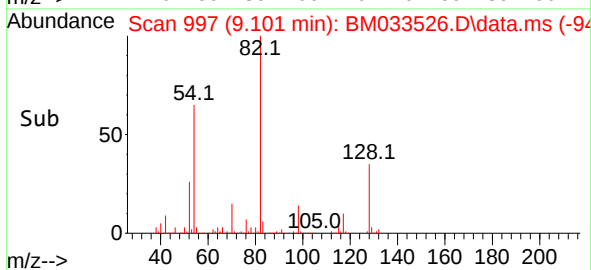
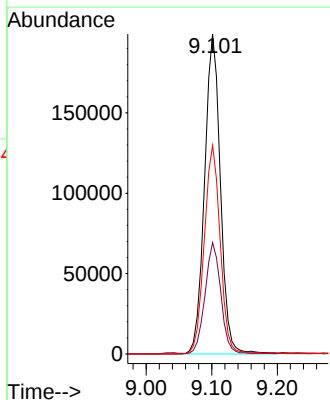
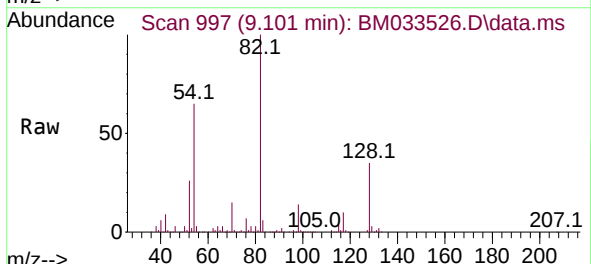
Instrument :
BNA_M
ClientSampleId :
MW-2R

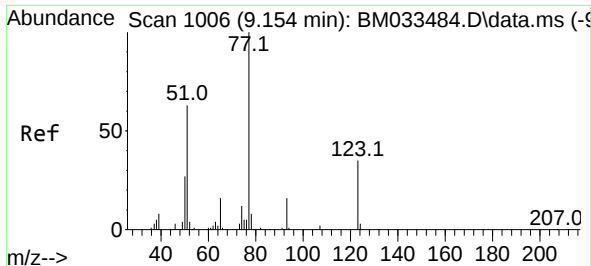
Tgt Ion:	136	Resp:	137464
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	11.7	8.3	12.5
68	4.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 104.882 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion:	82	Resp:	335779
Ion Ratio	Lower	Upper	
82	100		
128	34.8	28.1	42.1
54	65.2	46.1	69.1

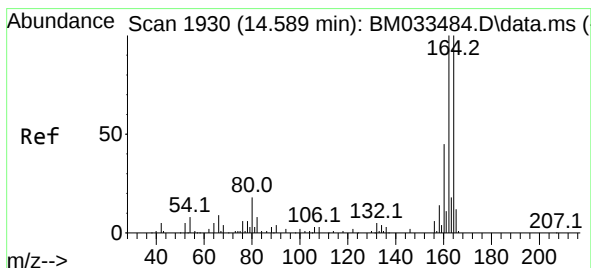
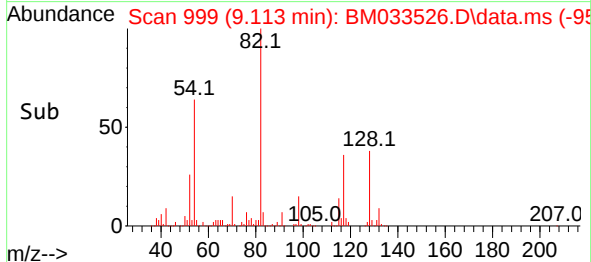
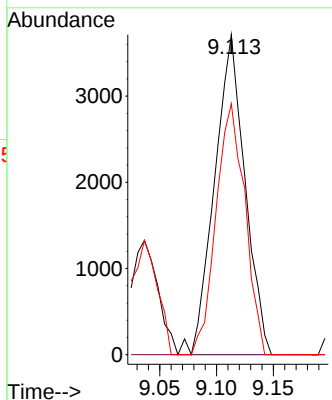
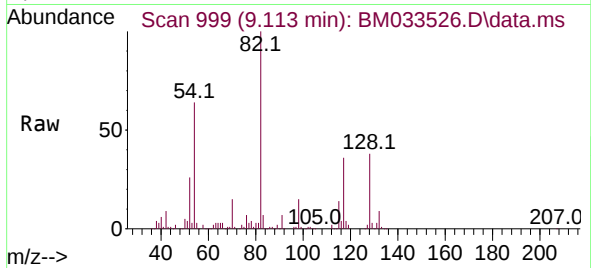




#24
Nitrobenzene
Concen: 2.202 ng
RT: 9.113 min Scan# 91
Delta R.T. -0.041 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

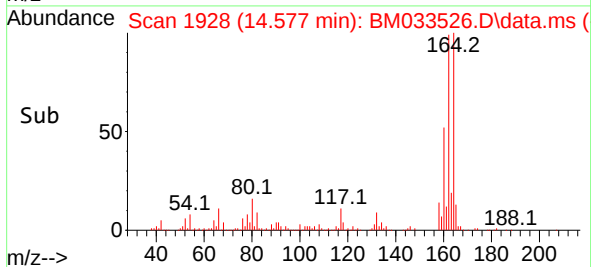
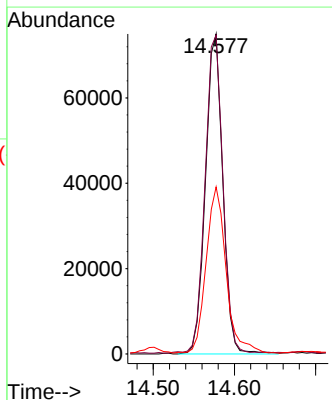
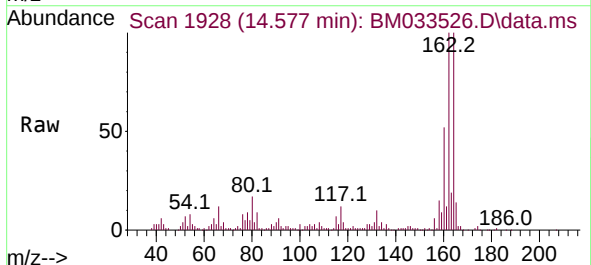
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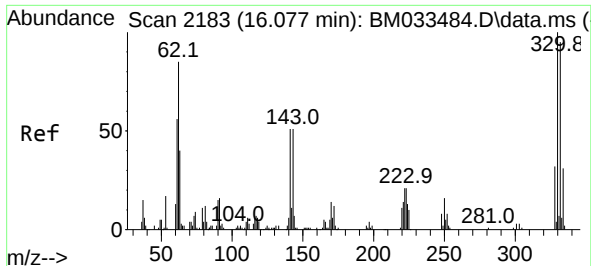
Tgt Ion: 77 Resp: 6924
Ion Ratio Lower Upper
77 100
123 0.0 29.8 44.8#
65 78.4 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion: 164 Resp: 111114
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 52.2 34.2 51.4#





#42

2,4,6-Tribromophenol

Concen: 172.178 ng

RT: 16.071 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BM033526.D

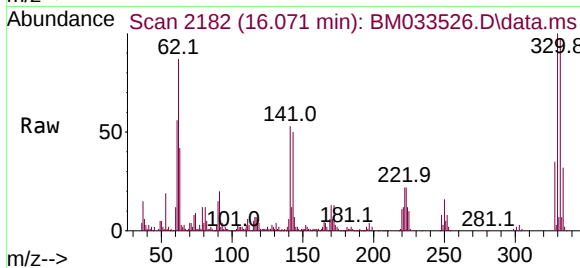
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Instrument :

BNA_M

ClientSampleId :

MW-2R



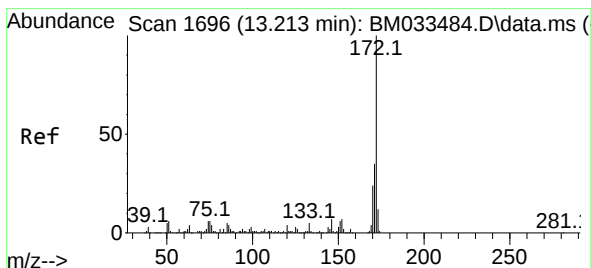
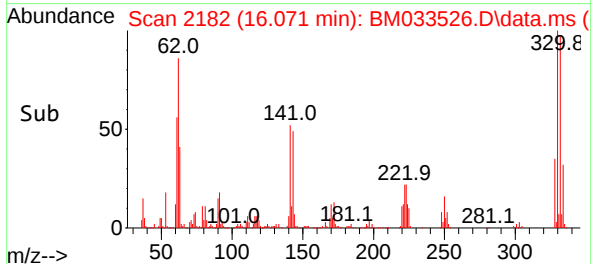
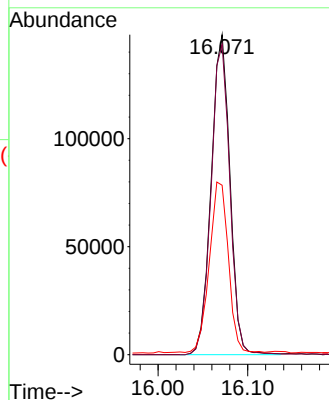
Tgt Ion:330 Resp: 215207

Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

141 53.7 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 94.782 ng

RT: 13.201 min Scan# 1694

Delta R.T. -0.012 min

Lab File: BM033526.D

Acq: 18 Dec 2021 19:26

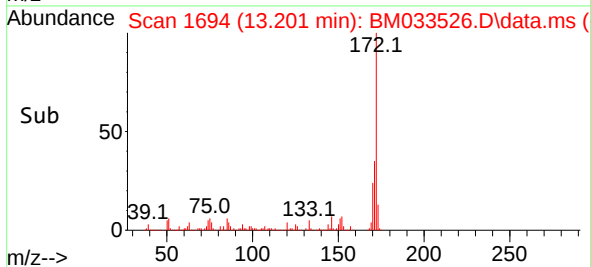
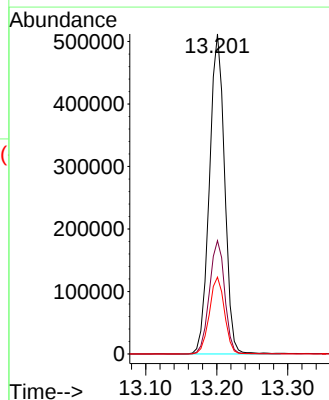
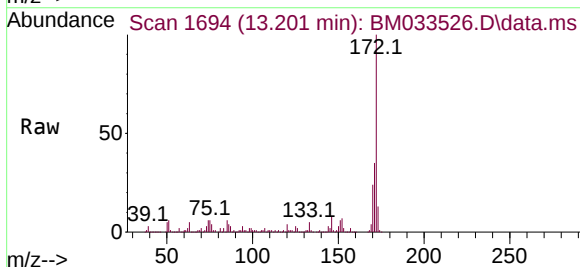
Tgt Ion:172 Resp: 761340

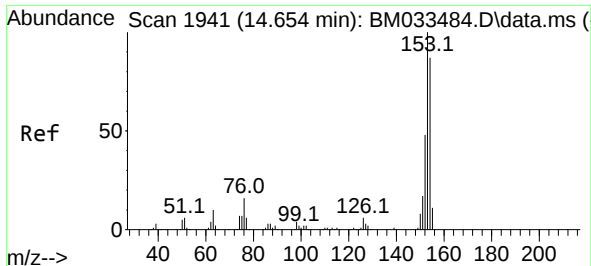
Ion Ratio Lower Upper

172 100

171 35.4 27.2 40.8

170 24.0 18.7 28.1

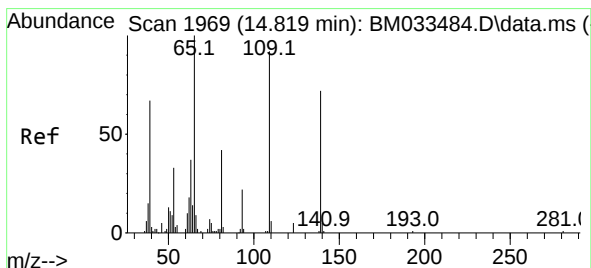
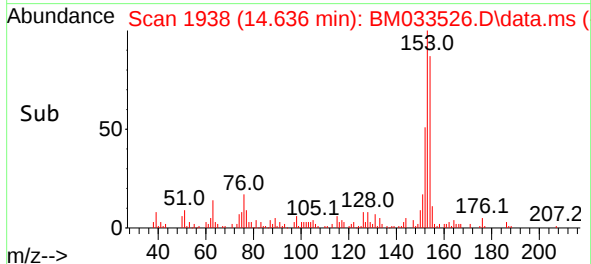
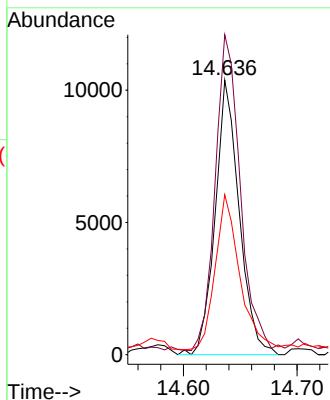
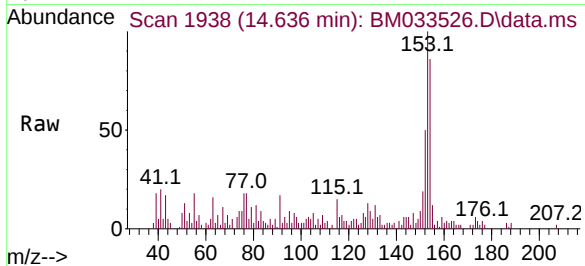




#52
Acenaphthene
Concen: 2.495 ng
RT: 14.636 min Scan# 1938
Delta R.T. -0.018 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

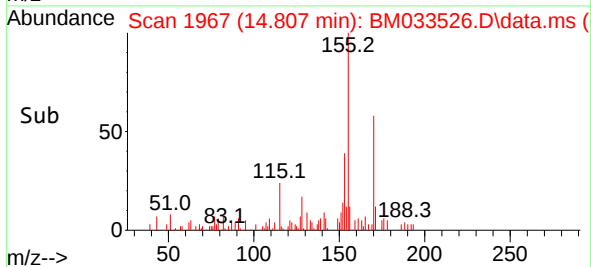
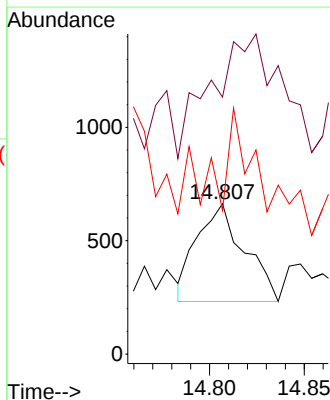
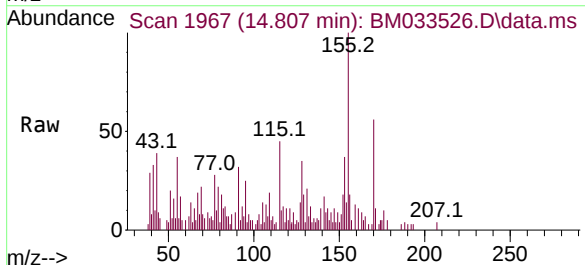
Instrument :
BNA_M
ClientSampleId :
MW-2R

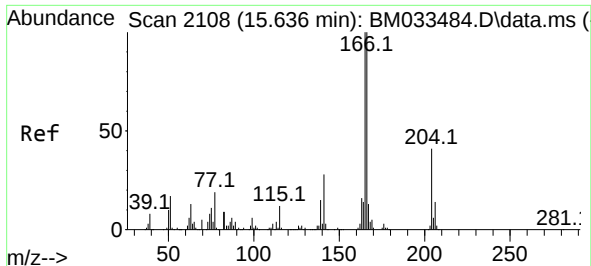
Tgt Ion:	154	Resp:	15267
Ion	Ratio	Lower	Upper
154	100		
153	116.5	90.2	135.4
152	58.3	43.5	65.3



#56
4-Nitrophenol
Concen: 4.597 ng
RT: 14.807 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion:	139	Resp:	748
Ion	Ratio	Lower	Upper
139	100		
109	170.9	75.3	115.3#
65	95.6	107.4	147.4#

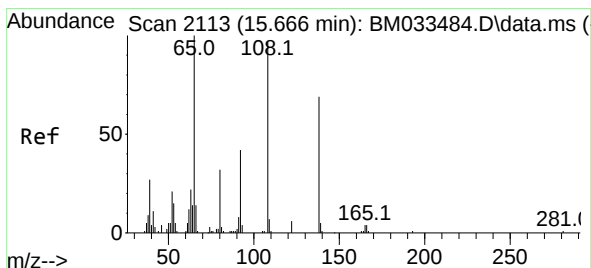
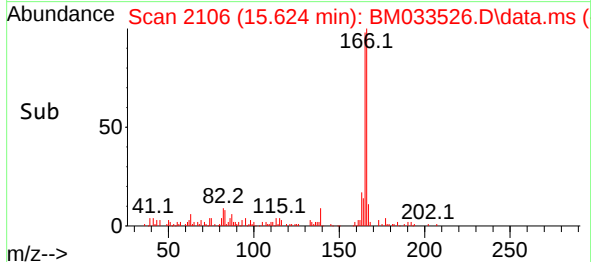
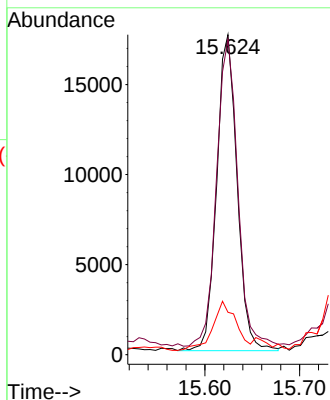
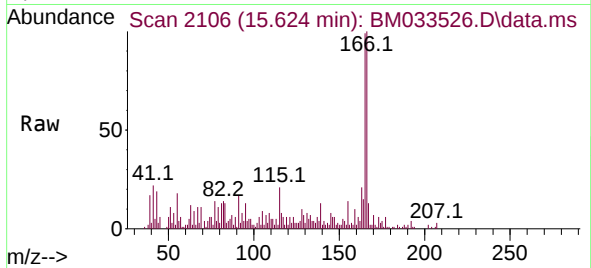




#58
Fluorene
Concen: 3.166 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

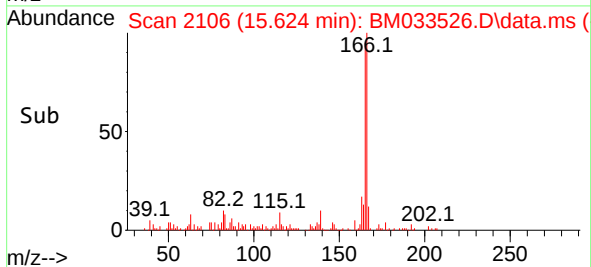
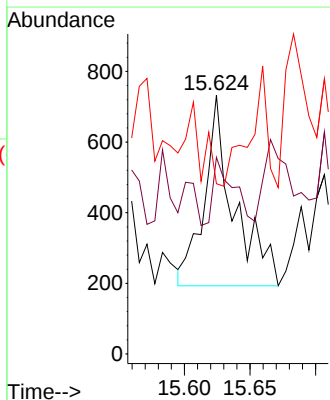
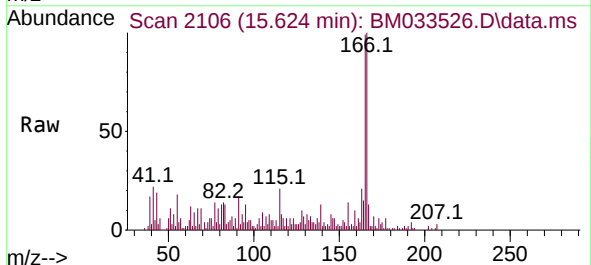
Instrument :
BNA_M
ClientSampleId :
MW-2R

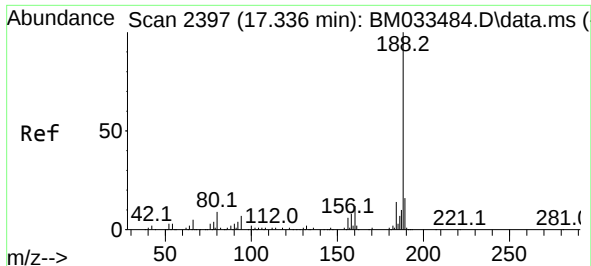
Tgt Ion:166 Resp: 26350
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.3 10.6 15.8



#62
4-Nitroaniline
Concen: 3.084 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.042 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion:138 Resp: 847
Ion Ratio Lower Upper
138 100
92 76.0 38.7 78.7
108 65.8 81.9 121.9#

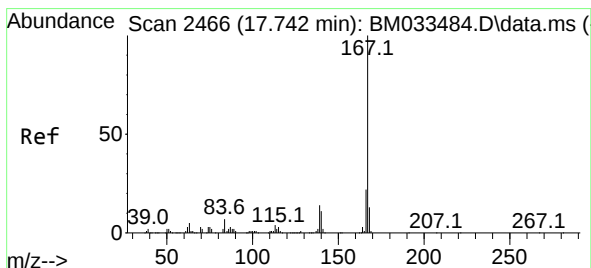
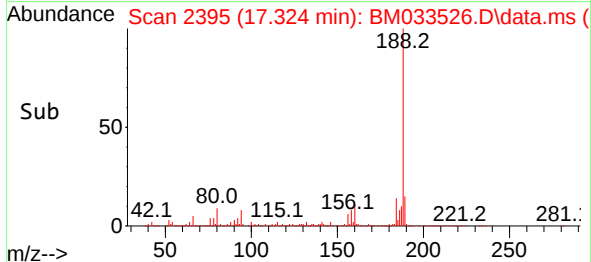
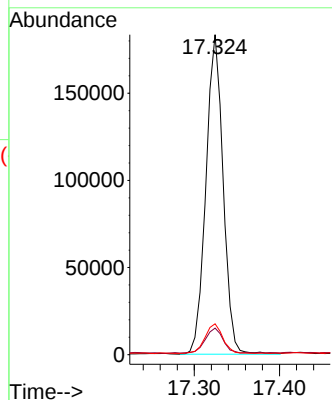
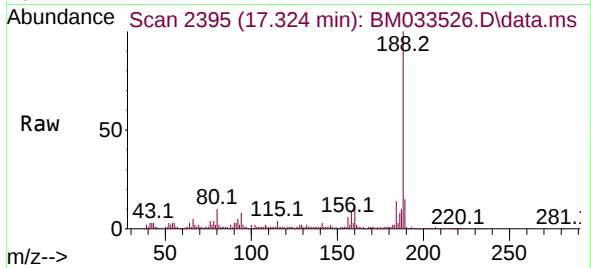




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

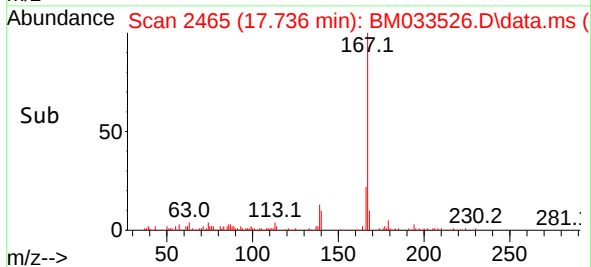
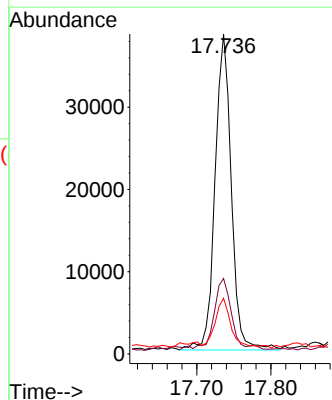
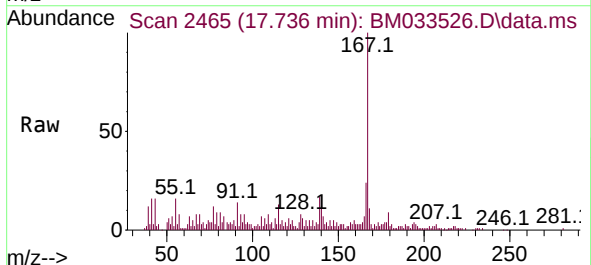
Instrument :
BNA_M
ClientSampleId :
MW-2R

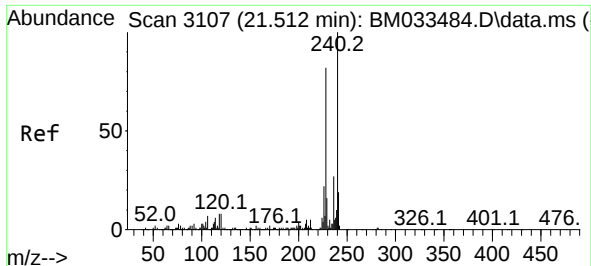
Tgt Ion:188 Resp: 257173
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 9.7 8.9 13.3



#73
Carbazole
Concen: 4.745 ng
RT: 17.736 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion:167 Resp: 58625
Ion Ratio Lower Upper
167 100
166 23.6 17.2 25.8
139 17.4 11.0 16.4#

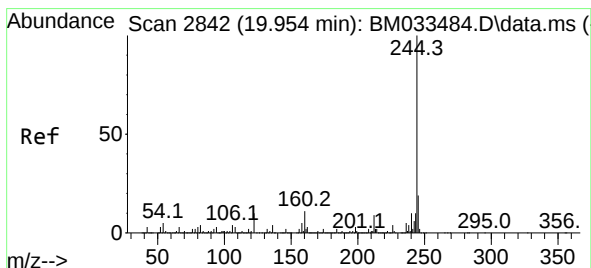
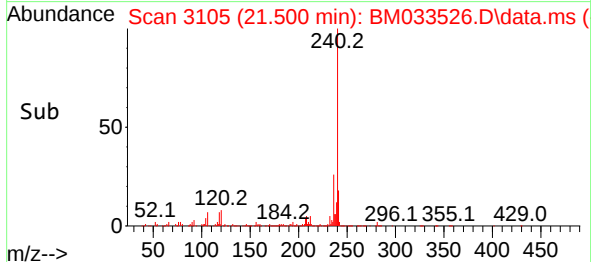
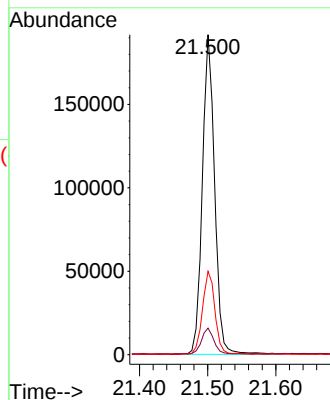
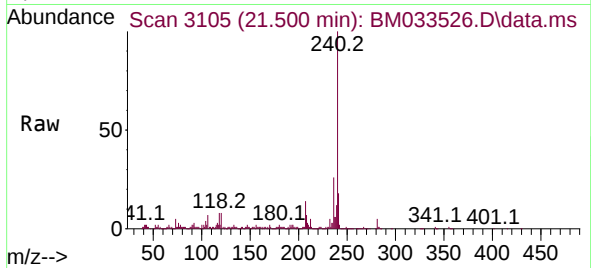




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

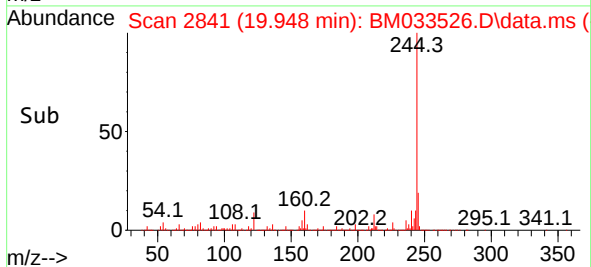
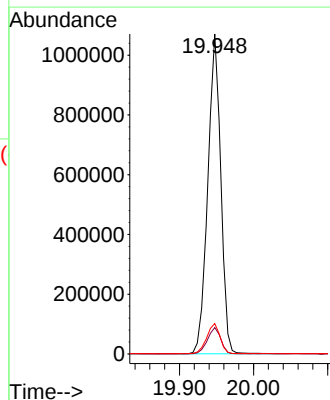
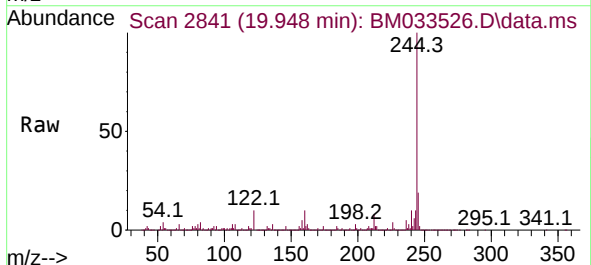
Instrument :
BNA_M
ClientSampleId :
MW-2R

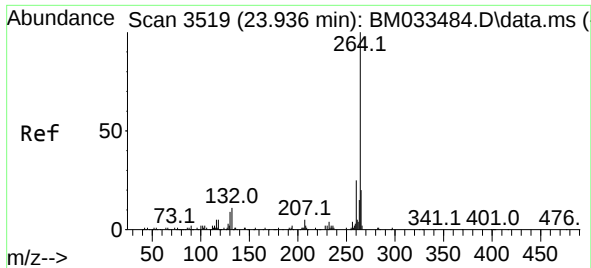
Tgt Ion:240 Resp: 240403
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 85.295 ng
RT: 19.948 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Tgt Ion:244 Resp: 1302463
Ion Ratio Lower Upper
244 100
212 8.3 5.9 8.9
122 9.5 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: BM033526.D
 Acq: 18 Dec 2021 19:26

Instrument :
 BNA_M
 ClientSampleId :
 MW-2R

Tgt Ion:264 Resp: 219639
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.7 26.5
 265 21.7 17.7 26.5

