

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)

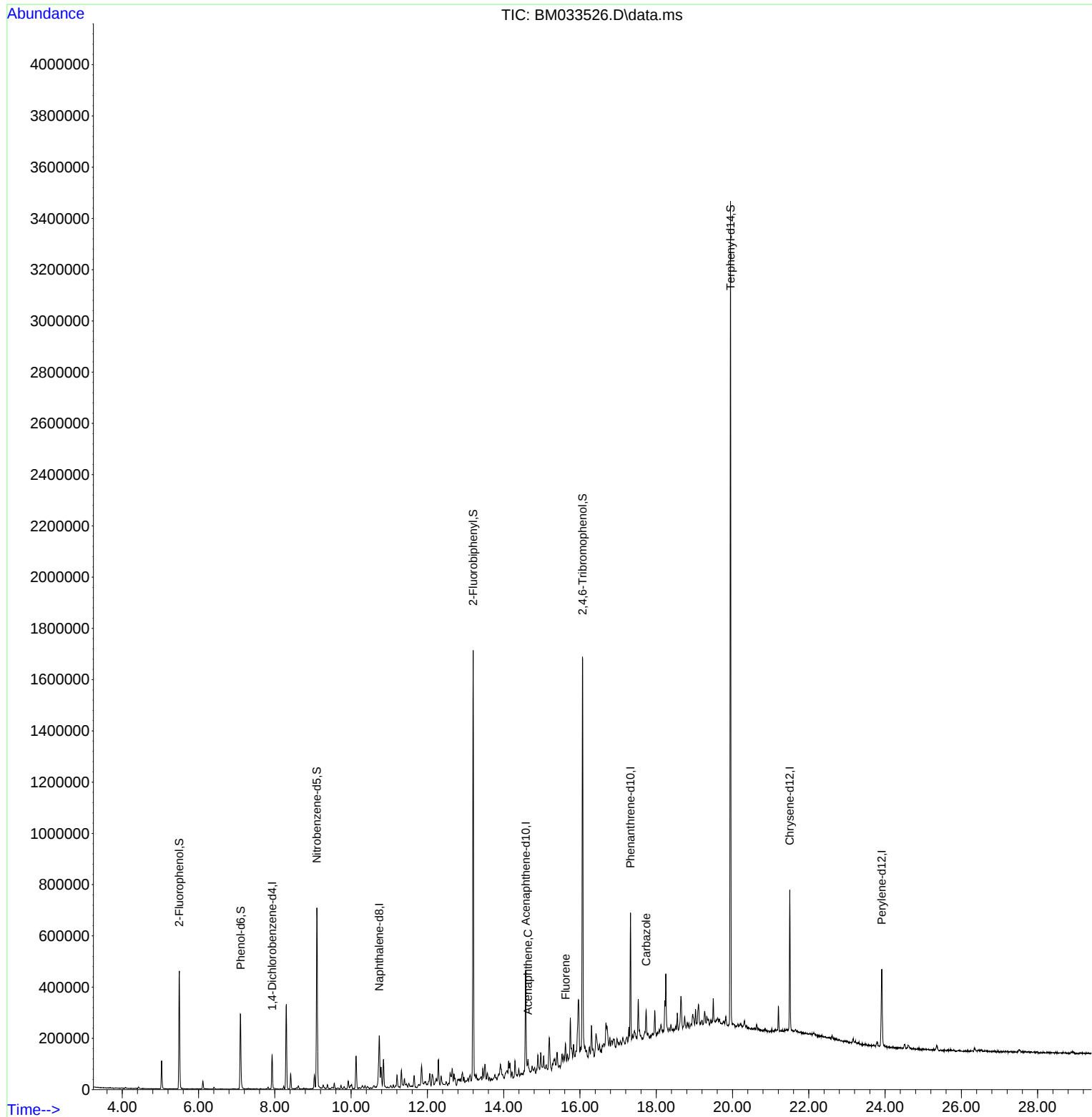
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	29496	20.000	ng	-0.01
21) Naphthalene-d8	10.736	136	137464	20.000	ng	#-0.02
39) Acenaphthene-d10	14.577	164	111114	20.000	ng	#-0.01
64) Phenanthrene-d10	17.324	188	257173	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	240403	20.000	ng	-0.01
86) 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
52) Acenaphthene	14.636	154	15267	2.495	ng	96
58) Fluorene	15.624	166	26350	3.166	ng	99
73) Carbazole	17.736	167	58625	4.745	ng	# 94

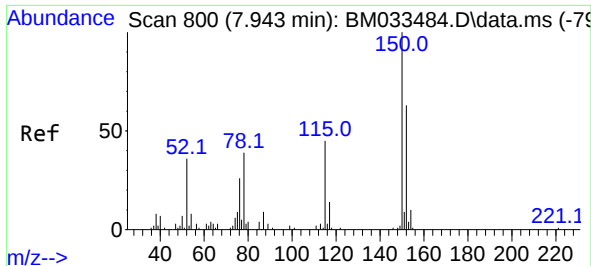
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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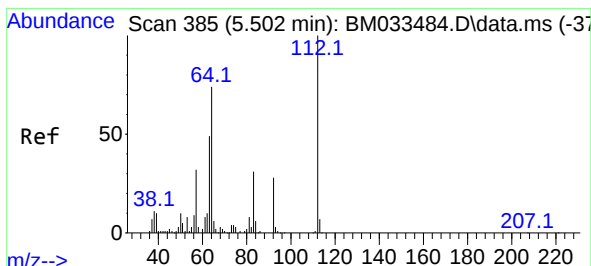
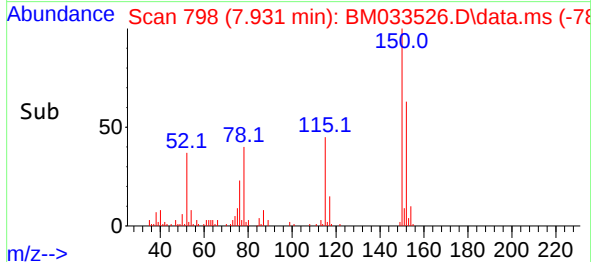
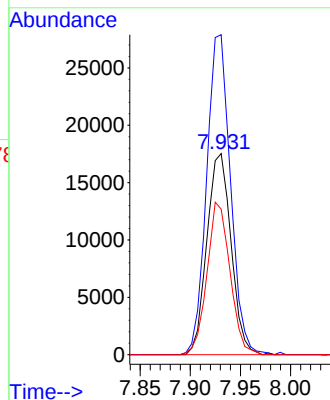
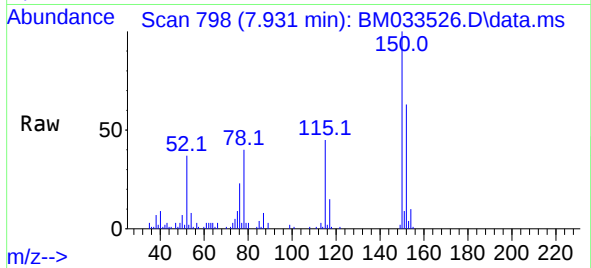




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

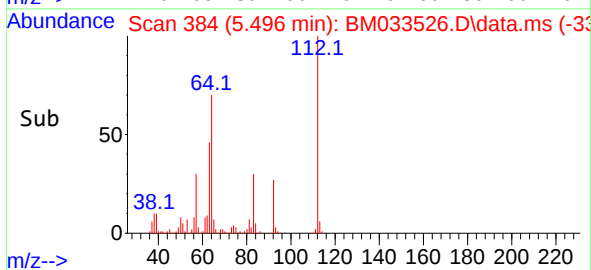
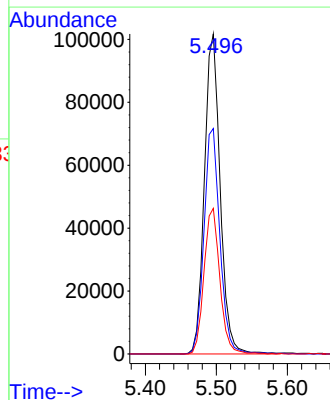
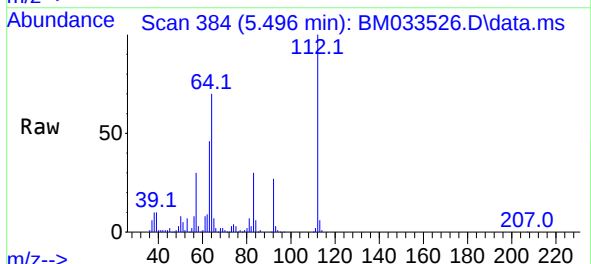
Instrument :
BNA_M
ClientSampleId :
MW-2R

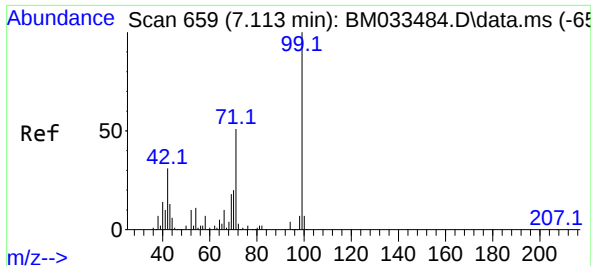
Tgt Ion:152 Resp: 29496
Ion Ratio Lower Upper
152 100
150 159.1 128.9 193.3
115 72.4 53.0 79.6



#5
2-Fluorophenol
Concen: 92.129 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

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

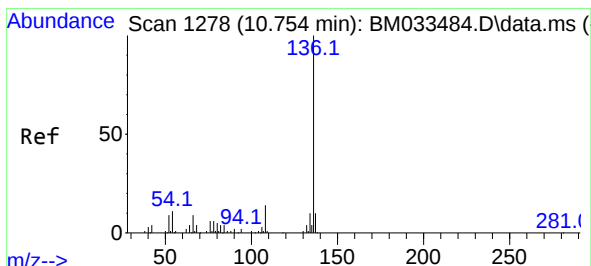
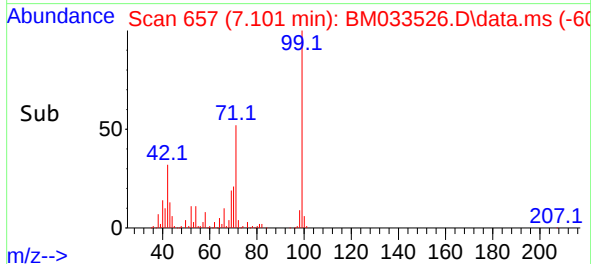
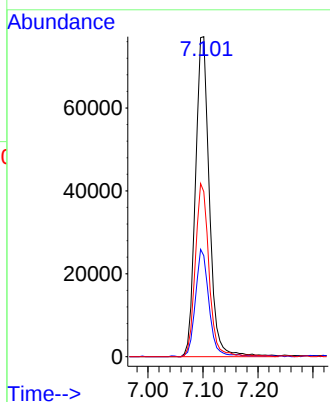
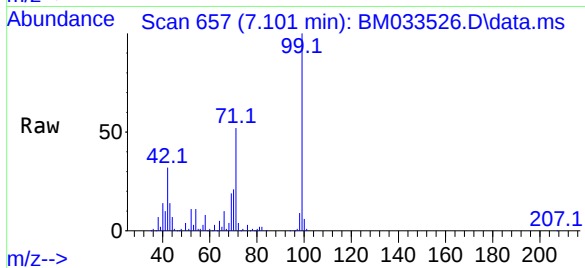




#7
Phenol-d6
Concen: 59.431 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

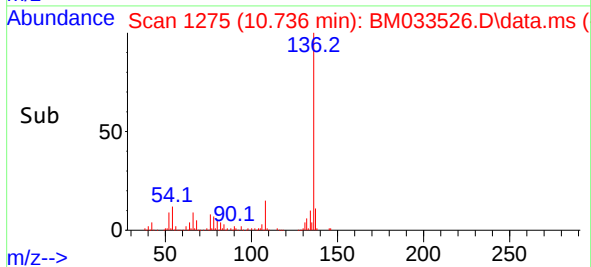
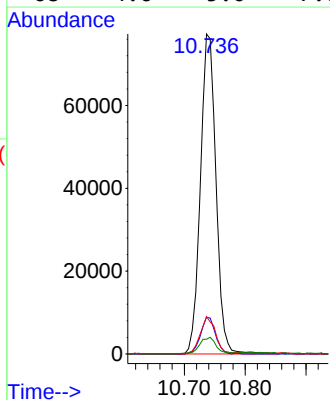
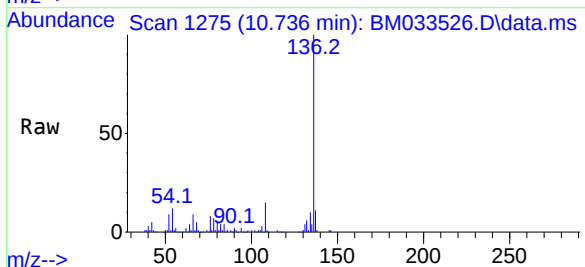
Instrument :
BNA_M
ClientSampleId :
MW-2R

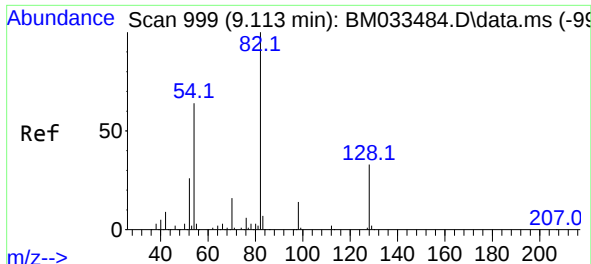
Tgt Ion: 99 Resp: 136334
Ion Ratio Lower Upper
99 100
42 31.5 20.3 30.5#
71 51.5 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1275
Delta R.T. -0.018 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

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#

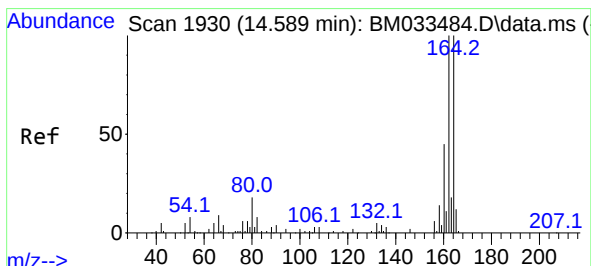
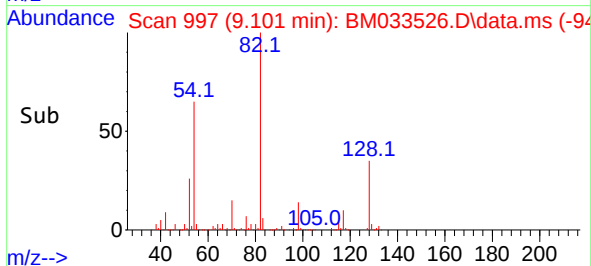
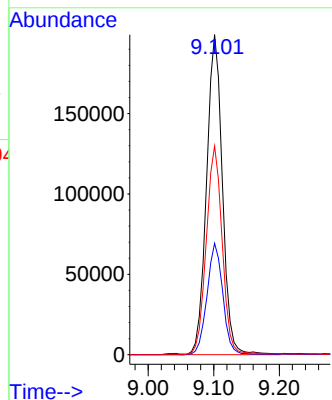
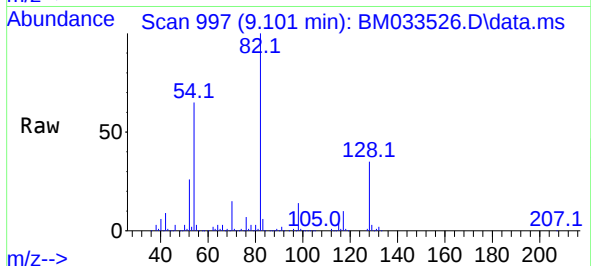




#23
Nitrobenzene-d5
Concen: 104.882 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

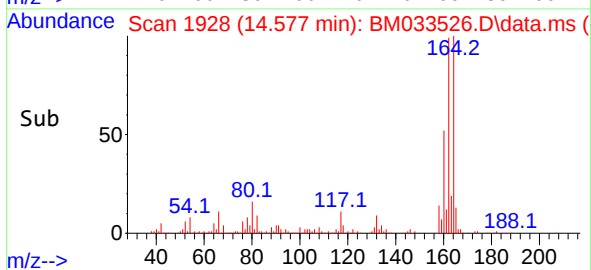
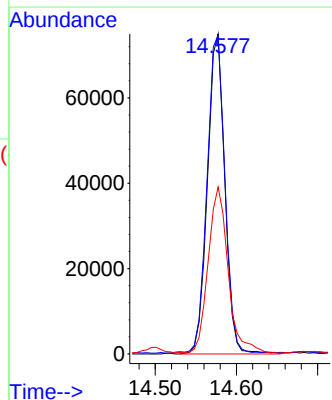
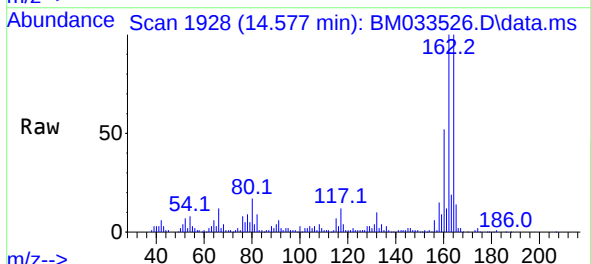
Instrument :
BNA_M
ClientSampleId :
MW-2R

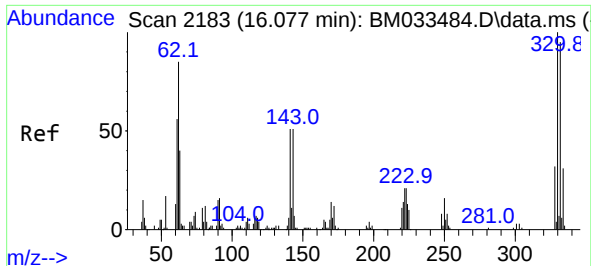
Tgt Ion: 82 Resp: 335779
Ion Ratio Lower Upper
82 100
128 34.8 28.1 42.1
54 65.2 46.1 69.1



#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

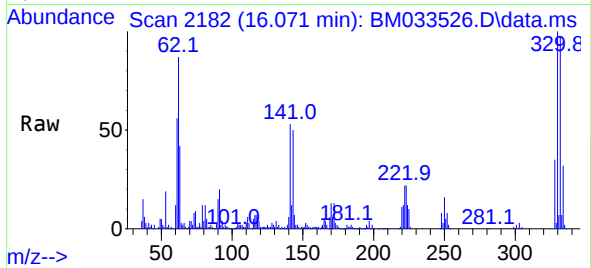
Tgt Ion: 164 Resp: 111114
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 52.2 34.2 51.4#



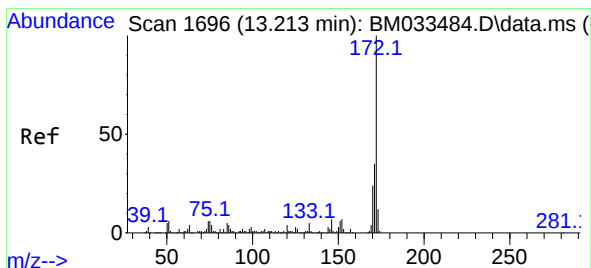
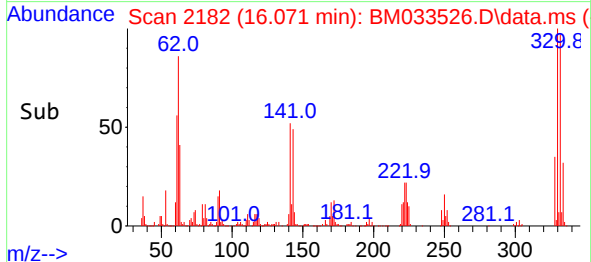
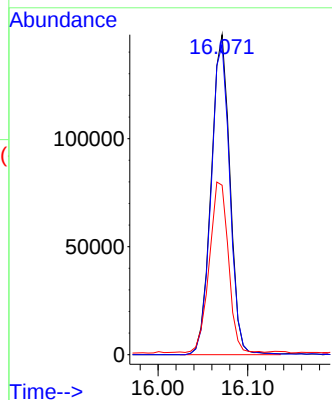


#42
2,4,6-Tribromophenol
Concen: 172.178 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

Instrument :
BNA_M
ClientSampleId :
MW-2R

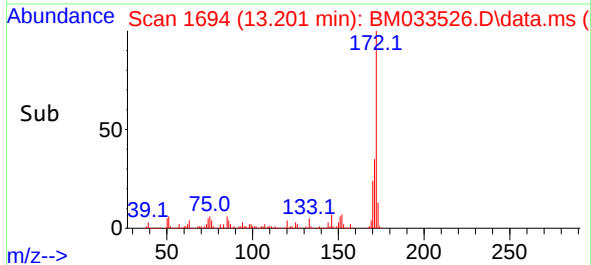
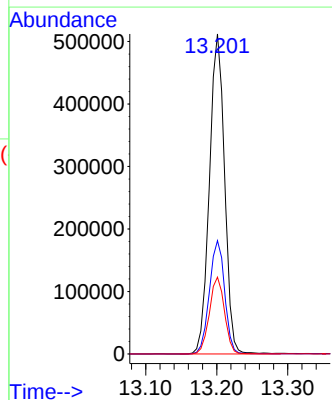
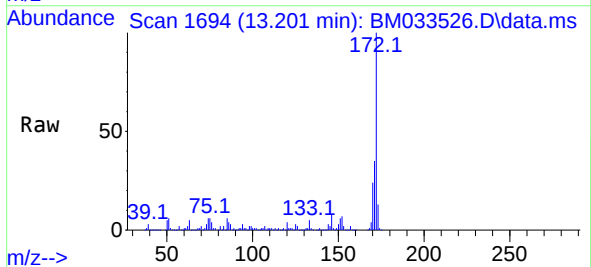


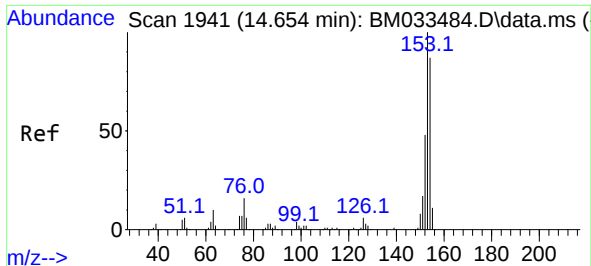
Tgt Ion:330 Resp: 215207
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 53.7 35.9 53.9



#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

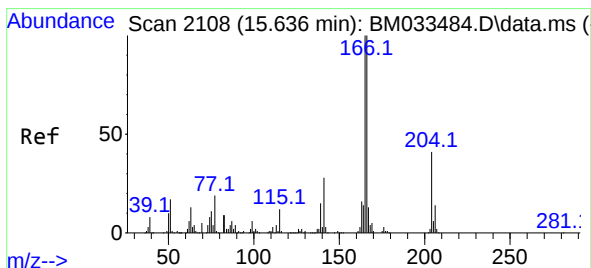
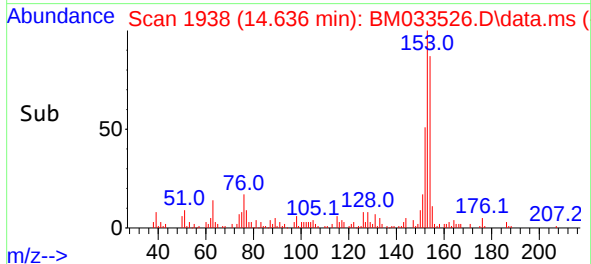
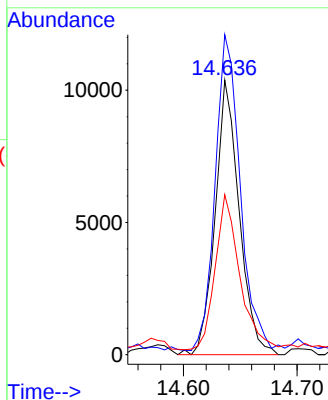
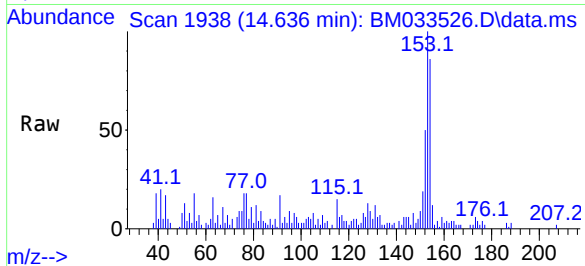




#52
Acenaphthene
Concen: 2.495 ng
RT: 14.636 min Scan# 1941
Delta R.T. -0.018 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

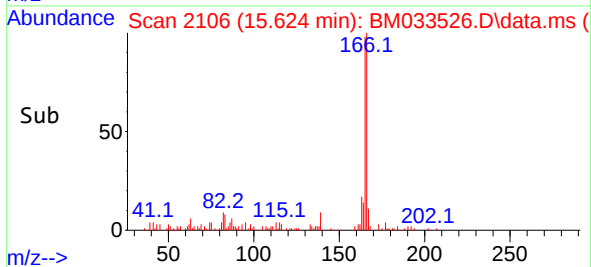
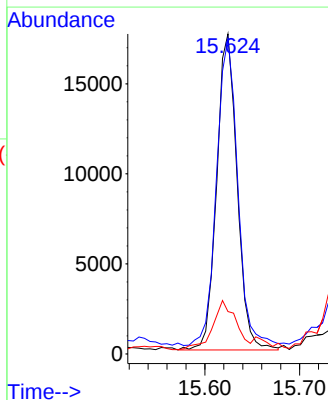
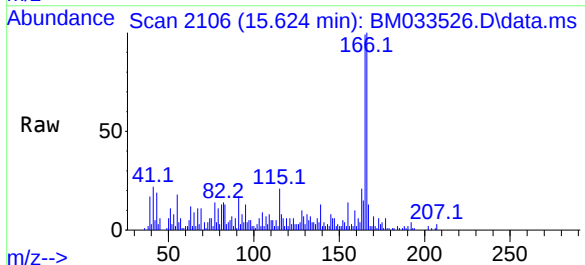
Instrument :
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ClientSampleId :
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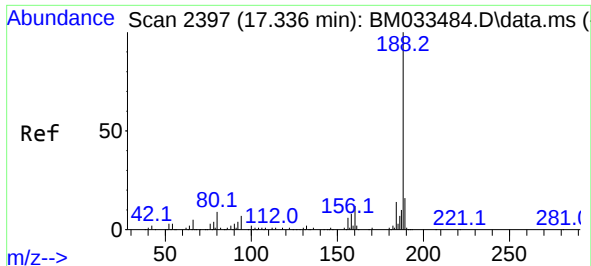
Tgt Ion:	154	Resp:	15267
Ion Ratio	Lower	Upper	
154	100		
153	116.5	90.2	135.4
152	58.3	43.5	65.3



#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

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

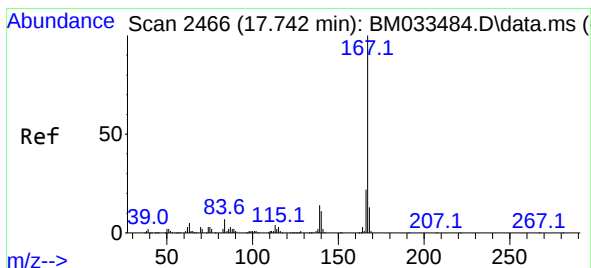
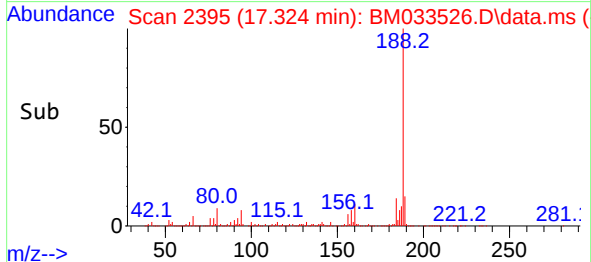
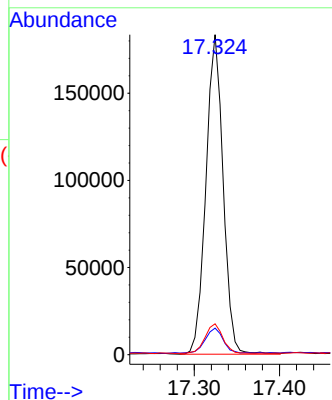
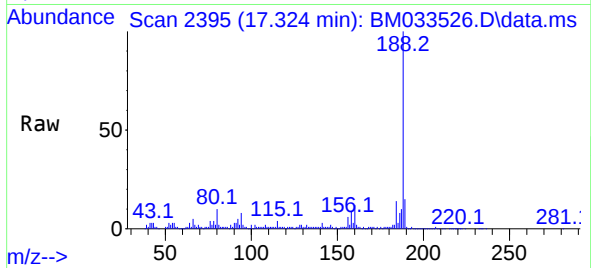




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

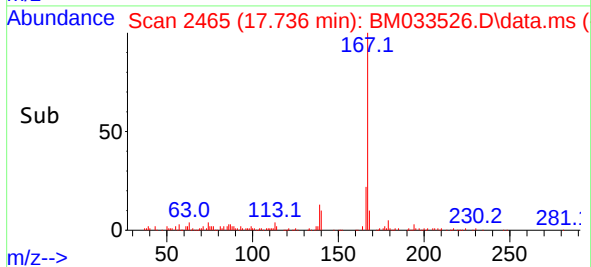
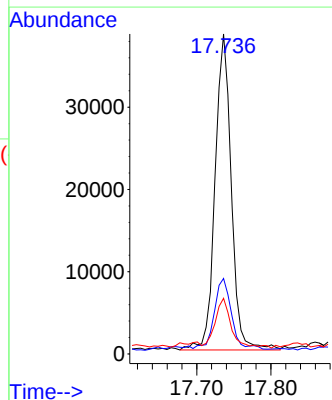
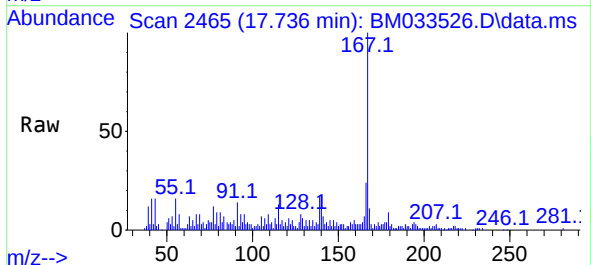
Instrument :
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ClientSampleId :
MW-2R

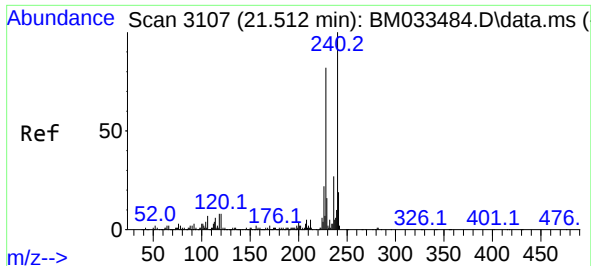
Tgt Ion:188 Resp: 257173
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 9.7 8.9 13.3



#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#

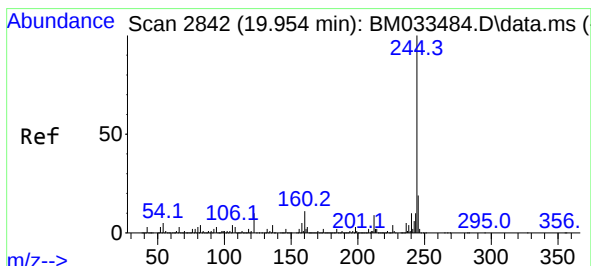
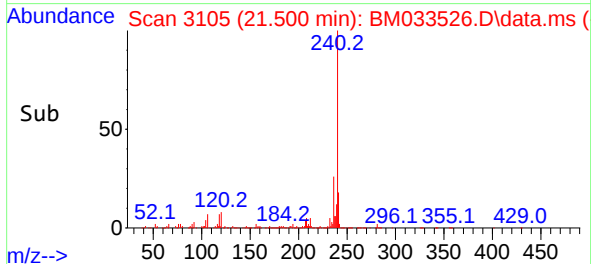
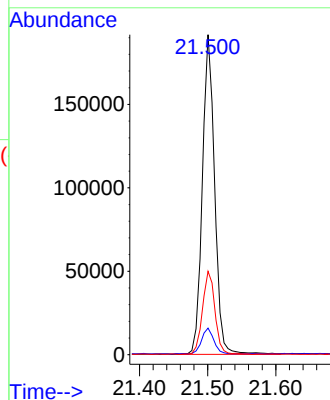
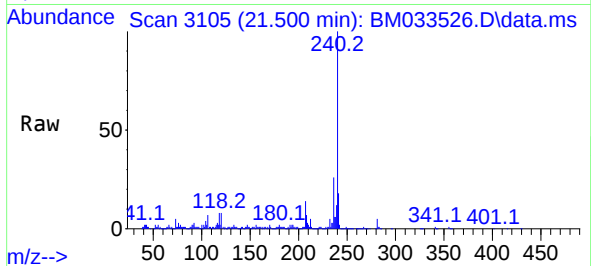




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033526.D
Acq: 18 Dec 2021 19:26

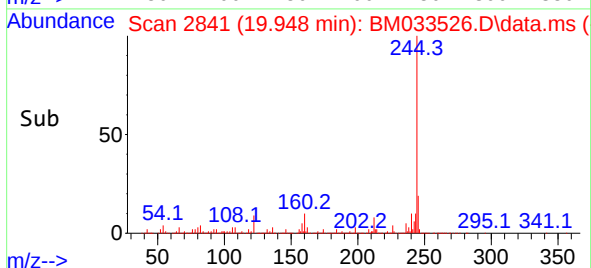
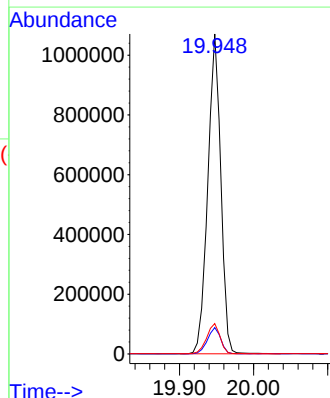
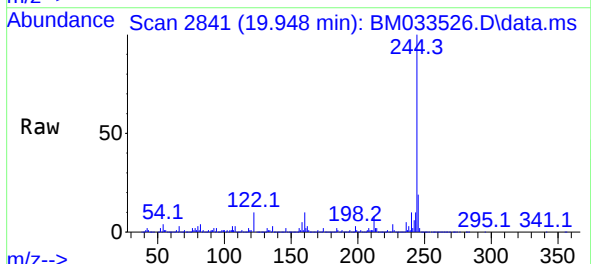
Instrument :
BNA_M
ClientSampleId :
MW-2R

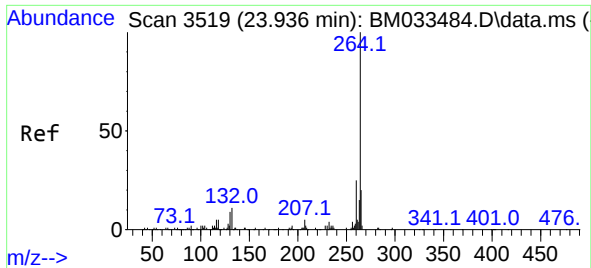
Tgt Ion:240 Resp: 240403
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 26.0 20.3 30.5



#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

