

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
 Data File : BM033495.D
 Acq On : 16 Dec 2021 21:37
 Operator : CG/JU
 Sample : M5061-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Dec 17 08:01:33 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)

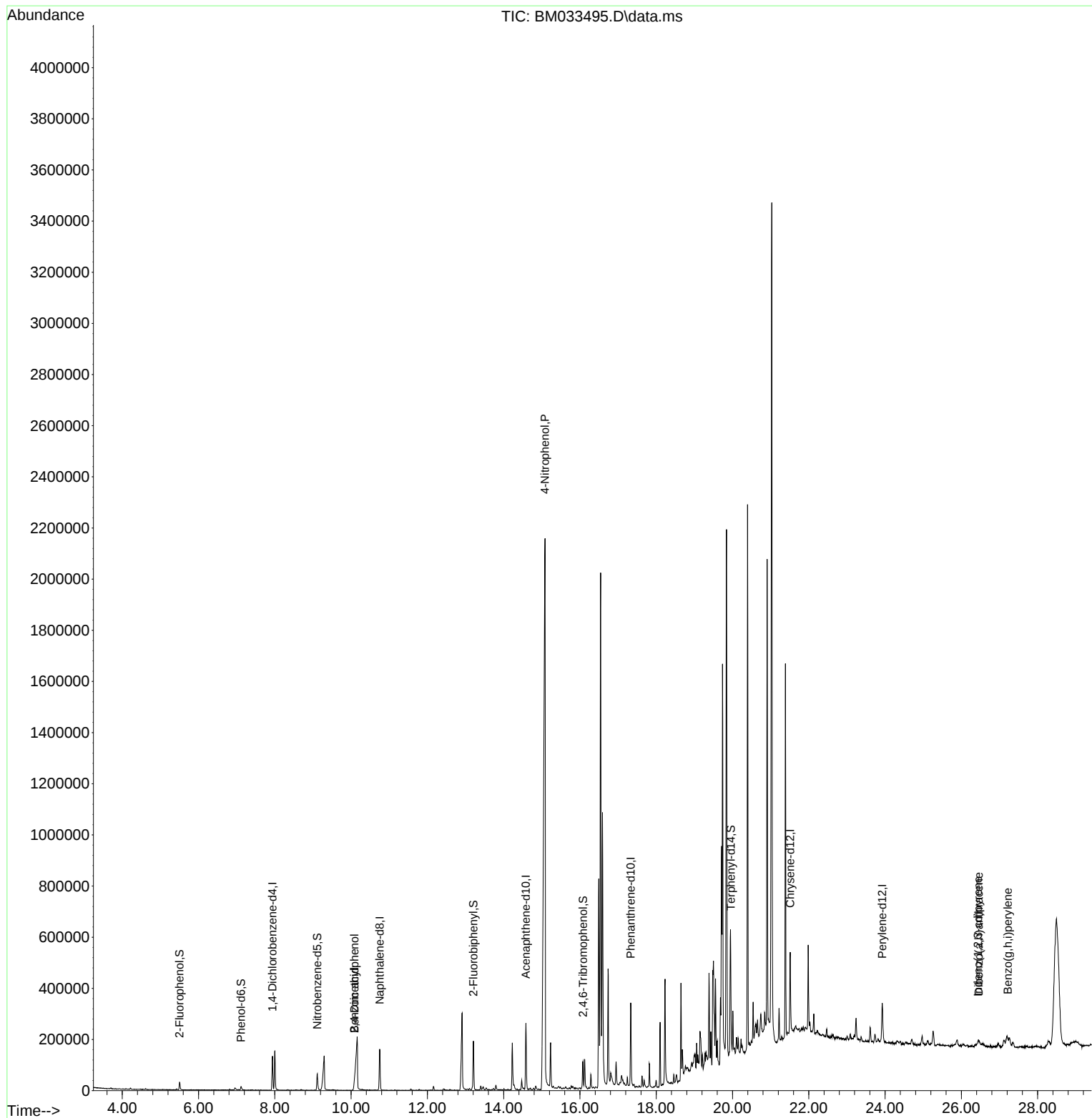
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	29376	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	117320	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	81244	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	176464	20.000	ng	0.00
76) Chrysene-d12	21.512	240	150460	20.000	ng	# 0.00
86) Perylene-d12	23.924	264	120553	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	12221	7.179	ng	0.00
7) Phenol-d6	7.113	99	7677	3.360	ng	0.00
23) Nitrobenzene-d5	9.113	82	40175	14.704	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	14232	15.573	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	86083	14.657	ng	0.00
79) Terphenyl-d14	19.953	244	110991	11.613	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	181	Below Cal	#	17
27) 2,4-Dimethylphenol	10.089	122	5778	3.750	ng	# 1
32) Benzoic acid	10.089	122	5778	8.009	ng	# 74
56) 4-Nitrophenol	15.083	139	4509	8.922	ng	# 22
87) Indeno(1,2,3-cd)pyrene	26.435	276	20884	3.757	ng	94
91) Dibenzo(a,h)anthracene	26.453	278	20122	4.827	ng	# 91
92) Benzo(g,h,i)perylene	27.218	276	14129	2.636	ng	95

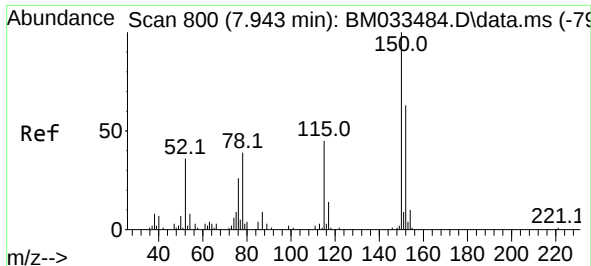
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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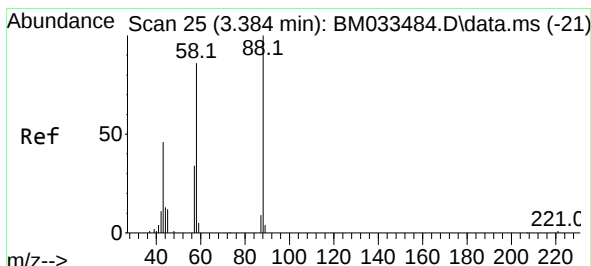
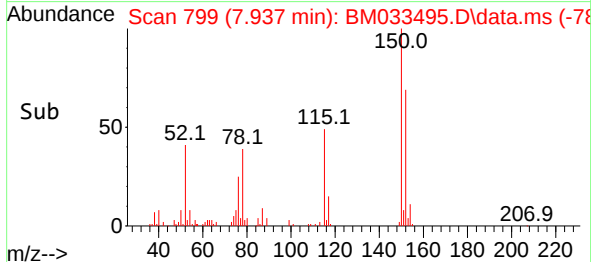
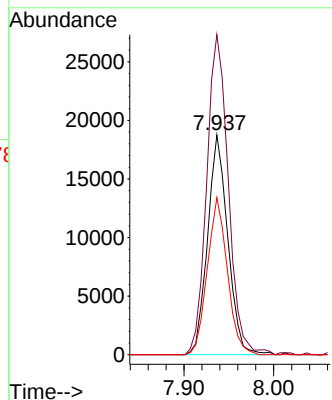
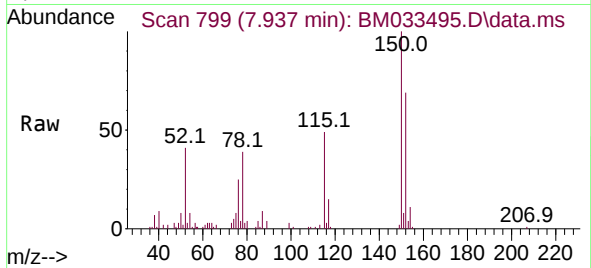




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

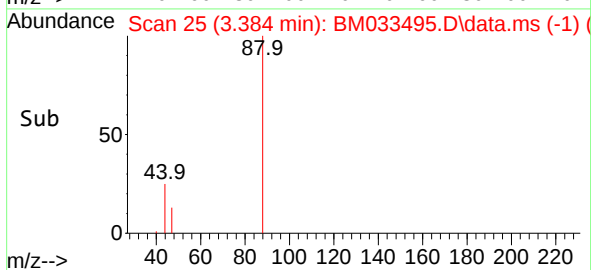
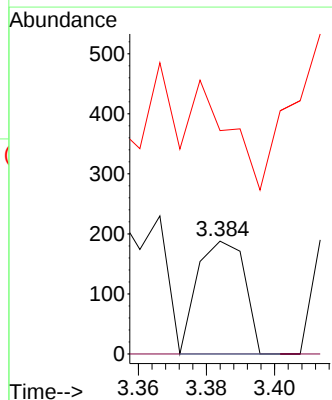
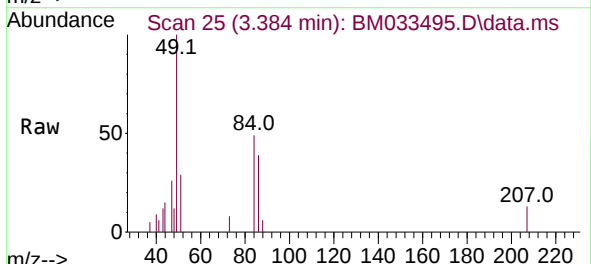
Instrument :
BNA_M
ClientSampleId :
EFF-WW

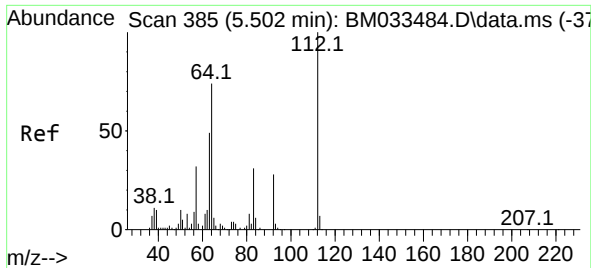
Tgt Ion:152 Resp: 29376
Ion Ratio Lower Upper
152 100
150 145.6 128.9 193.3
115 71.5 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.384 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
58 0.0 67.0 100.4#
43 0.0 31.6 47.4#

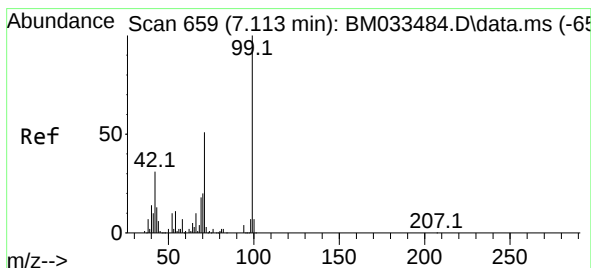
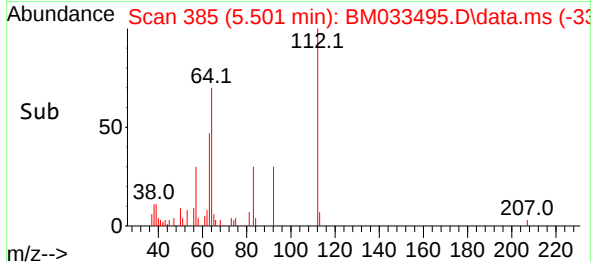
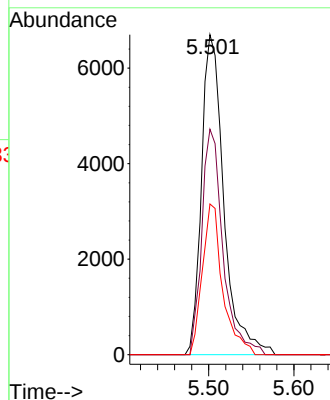
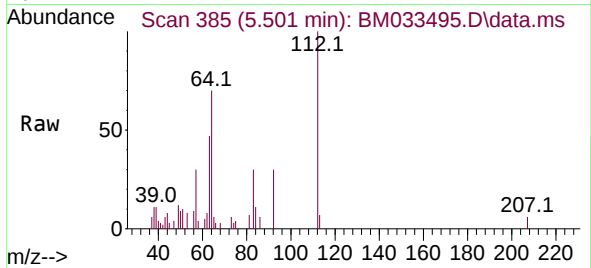




#5
2-Fluorophenol
Concen: 7.179 ng
RT: 5.501 min Scan# 385
Delta R.T. -0.001 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

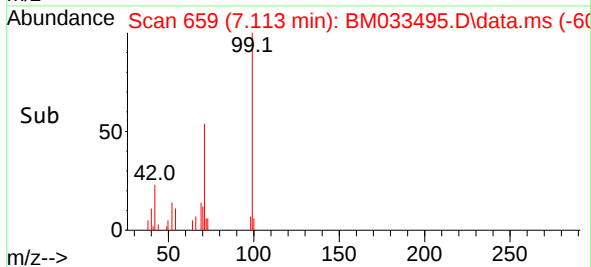
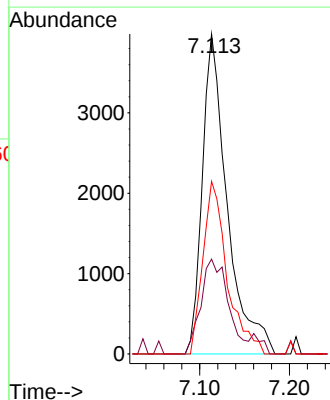
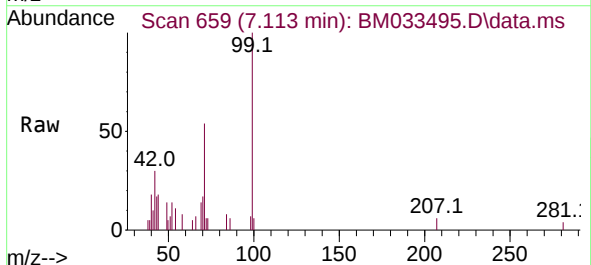
Instrument :
BNA_M
ClientSampleId :
EFF-WW

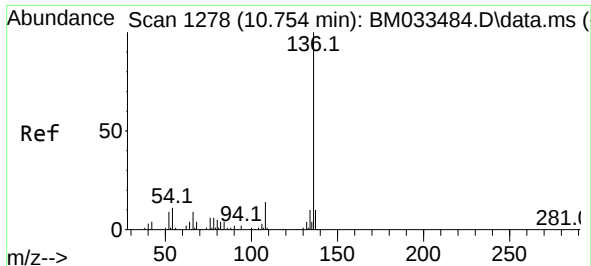
Tgt Ion:112 Resp: 12221
Ion Ratio Lower Upper
112 100
64 70.5 55.5 83.3
63 47.1 31.3 46.9#



#7
Phenol-d6
Concen: 3.360 ng
RT: 7.113 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 99 Resp: 7677
Ion Ratio Lower Upper
99 100
42 29.7 20.3 30.5
71 54.0 34.5 51.7#

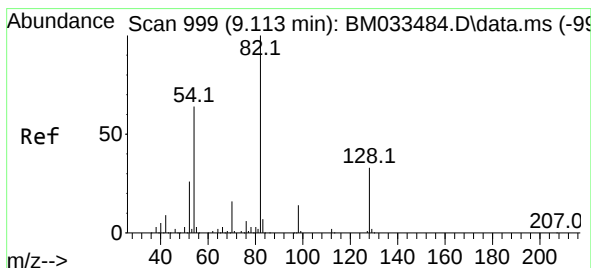
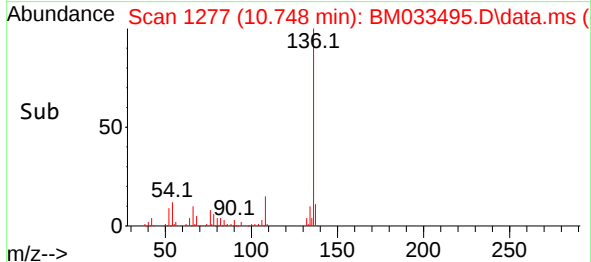
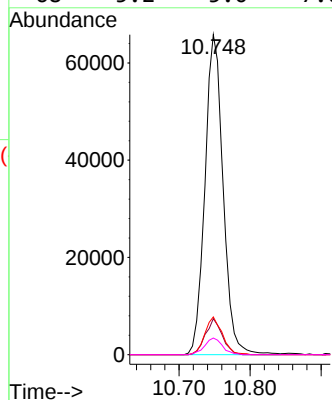
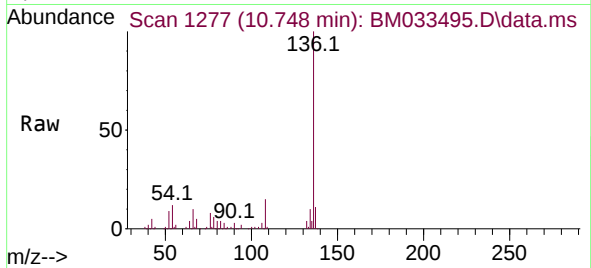




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

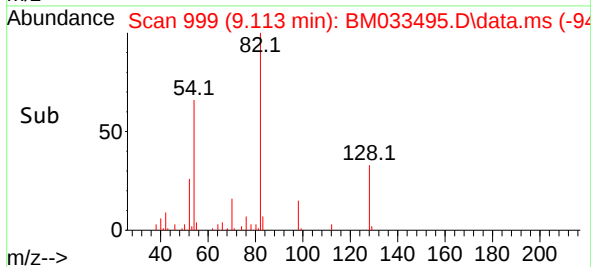
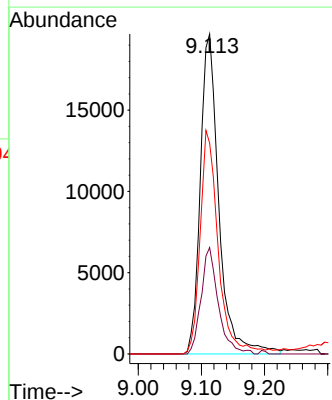
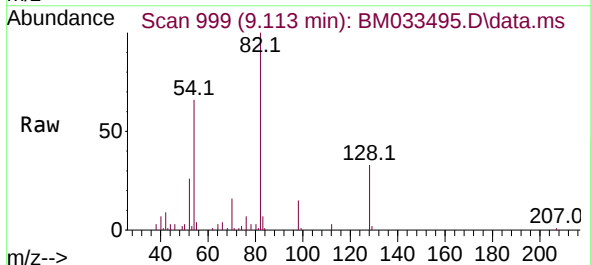
Instrument :
BNA_M
ClientSampleId :
EFF-WW

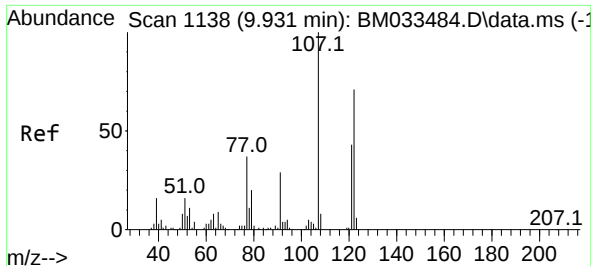
Tgt Ion:	136	Resp:	117320
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	11.8	8.3	12.5
68	5.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 14.704 ng
RT: 9.113 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:	82	Resp:	40175
Ion	Ratio	Lower	Upper
82	100		
128	33.3	28.1	42.1
54	65.9	46.1	69.1





#27

2,4-Dimethylphenol

Concen: 3.750 ng

RT: 10.089 min Scan# 1165

Delta R.T. 0.158 min

Lab File: BM033495.D

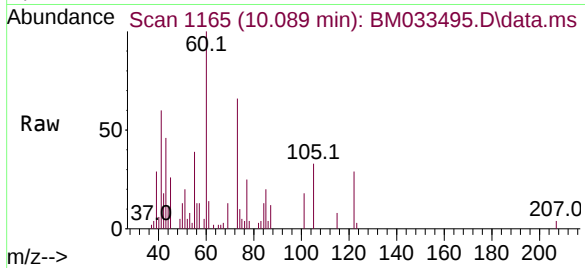
Acq: 16 Dec 2021 21:37

Instrument :

BNA_M

ClientSampleId :

EFF-WW



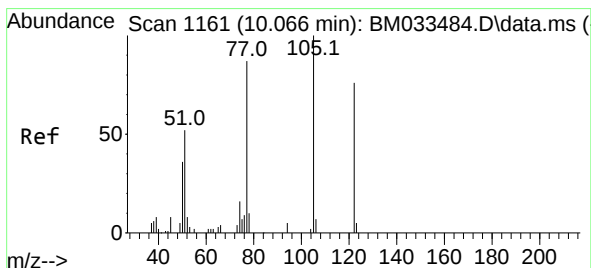
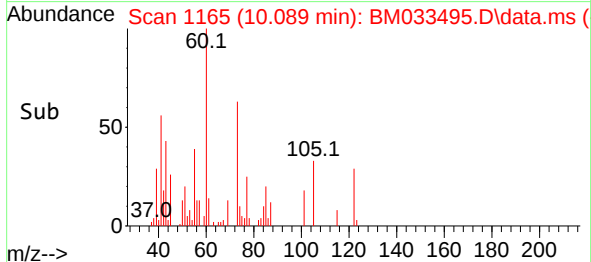
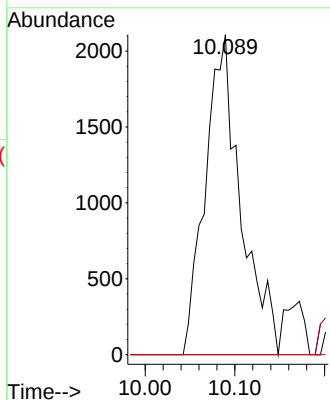
Tgt Ion:122 Resp: 5778

Ion Ratio Lower Upper

122 100

107 0.0 105.3 157.9#

121 0.0 49.7 74.5#



#32

Benzoic acid

Concen: 8.009 ng

RT: 10.089 min Scan# 1165

Delta R.T. 0.023 min

Lab File: BM033495.D

Acq: 16 Dec 2021 21:37

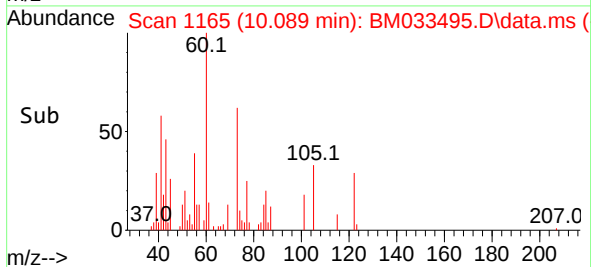
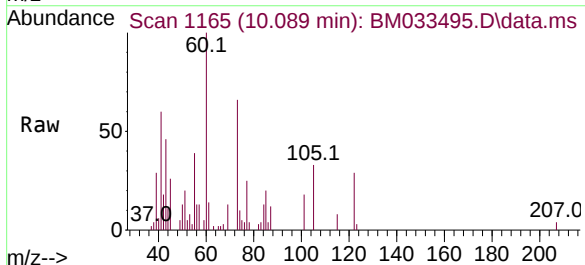
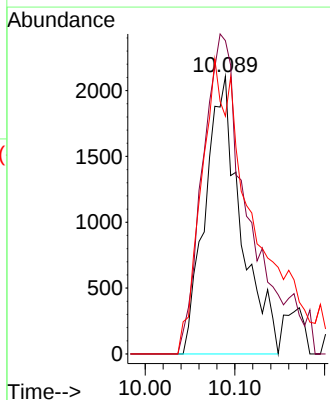
Tgt Ion:122 Resp: 5778

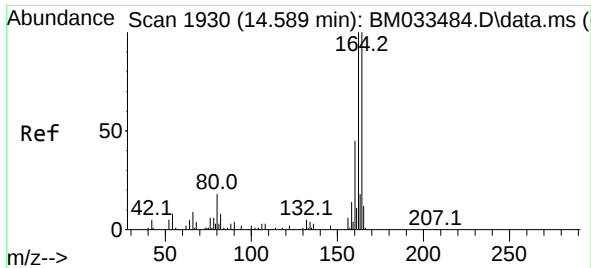
Ion Ratio Lower Upper

122 100

105 112.9 119.6 159.6#

77 85.7 101.0 141.0#

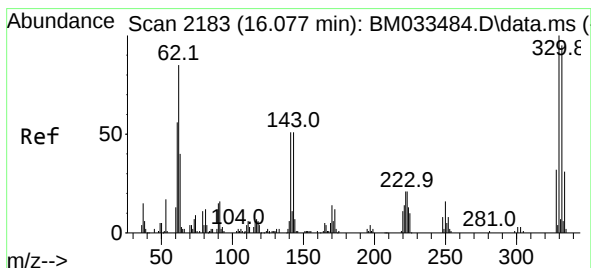
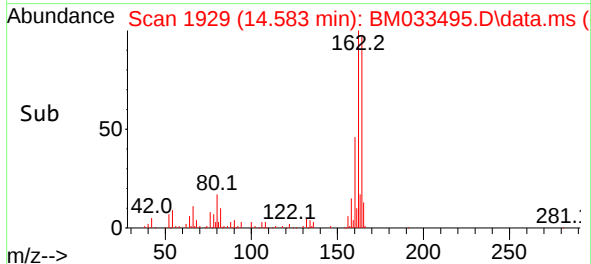
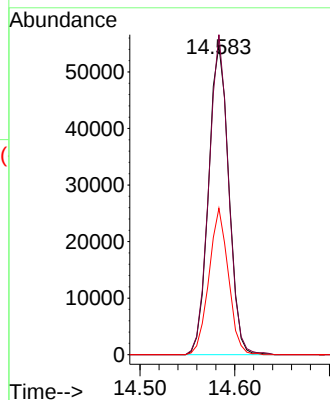
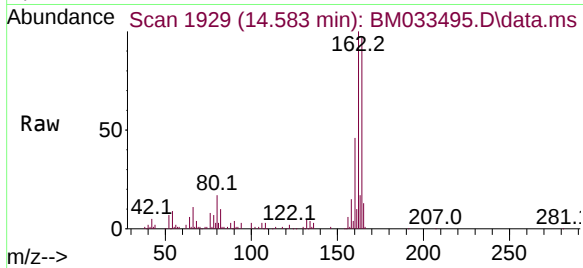




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

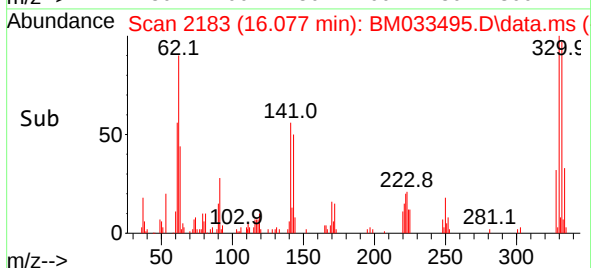
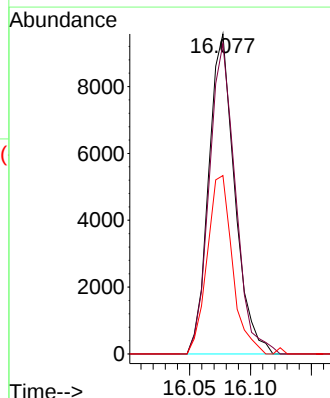
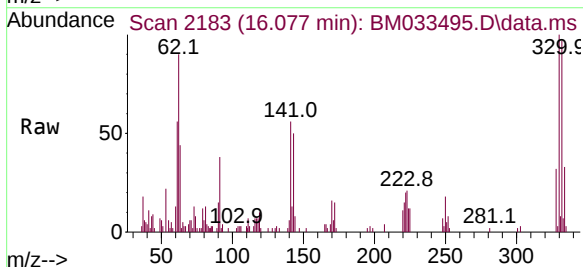
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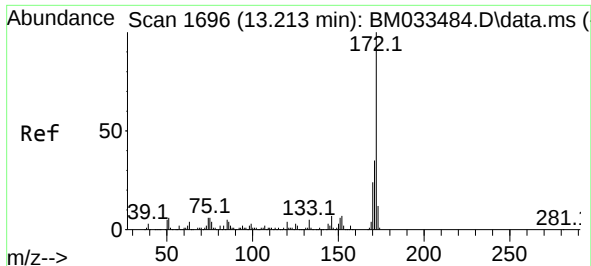
Tgt Ion:164 Resp: 81244
Ion Ratio Lower Upper
164 100
162 103.5 79.7 119.5
160 47.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 15.573 ng
RT: 16.077 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:330 Resp: 14232
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 54.2 35.9 53.9#

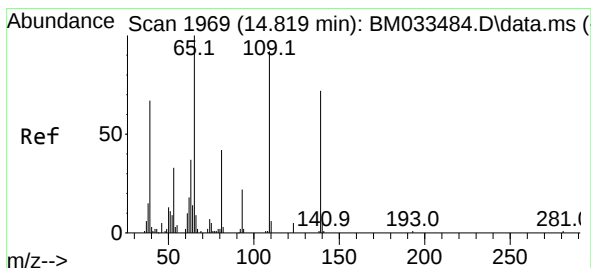
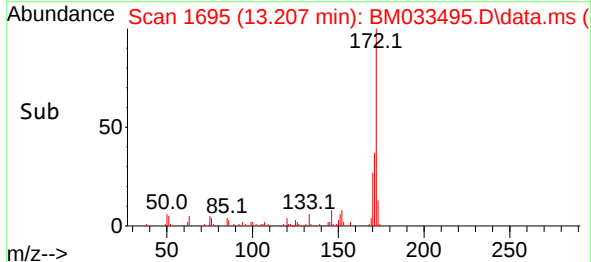
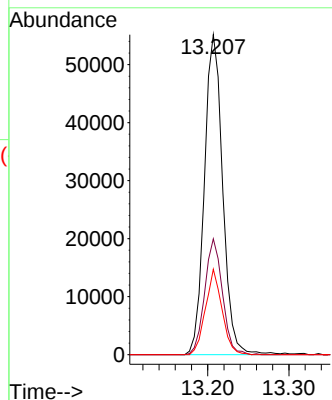
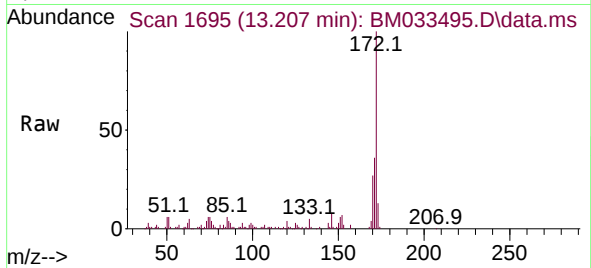




#45
2-Fluorobiphenyl
Concen: 14.657 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

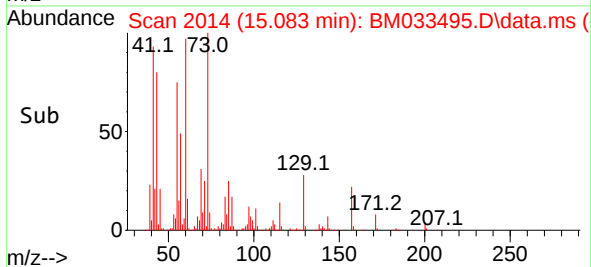
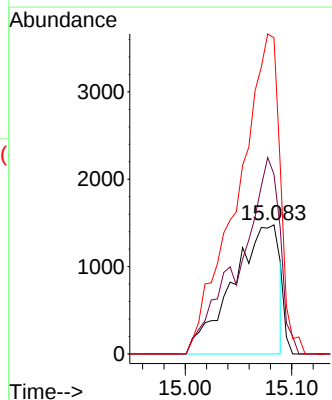
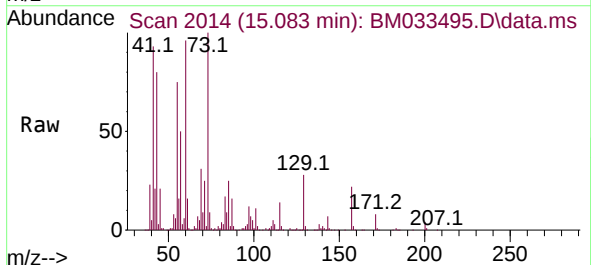
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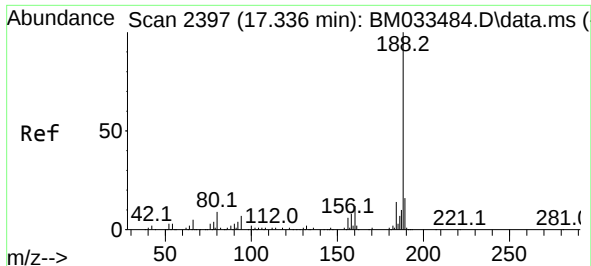
Tgt Ion:172 Resp: 86083
Ion Ratio Lower Upper
172 100
171 36.2 27.2 40.8
170 26.7 18.7 28.1



#56
4-Nitrophenol
Concen: 8.922 ng
RT: 15.083 min Scan# 2014
Delta R.T. 0.264 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:139 Resp: 4509
Ion Ratio Lower Upper
139 100
109 139.1 75.3 115.3#
65 244.8 107.4 147.4#

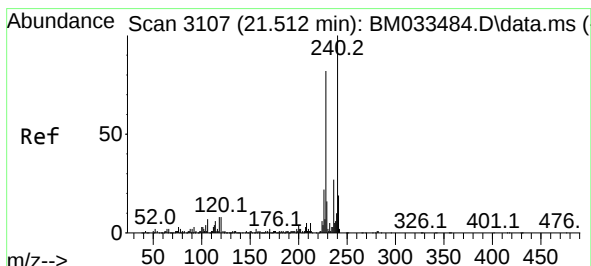
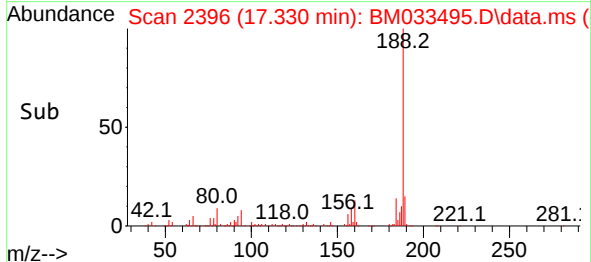
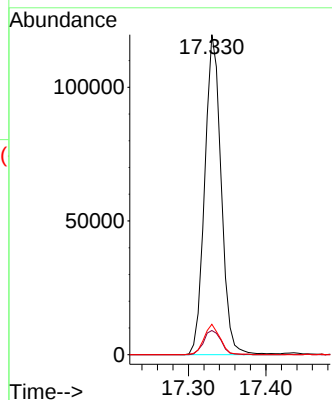
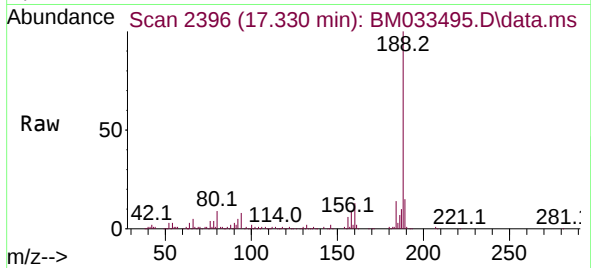




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

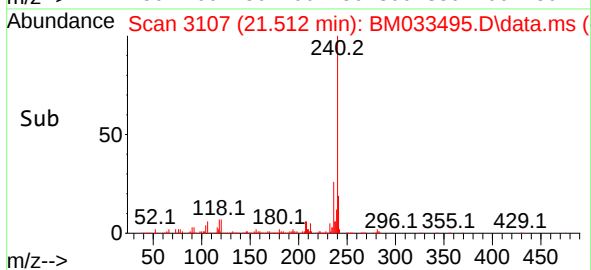
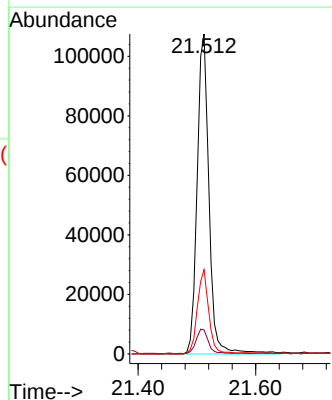
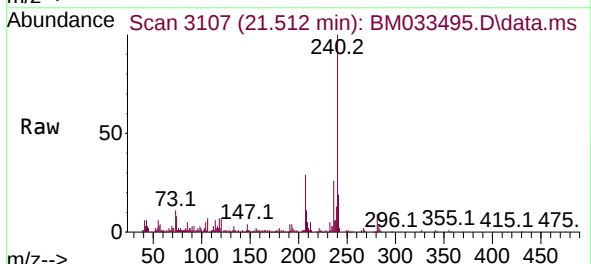
Instrument :
BNA_M
ClientSampleId :
EFF-WW

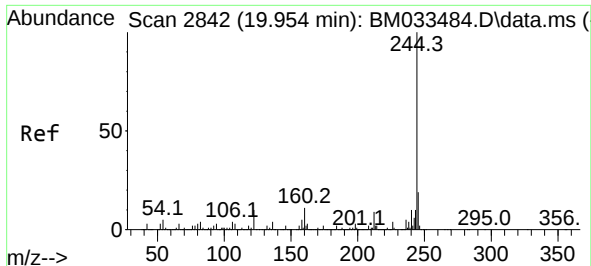
Tgt Ion:188 Resp: 176464
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:240 Resp: 150460
Ion Ratio Lower Upper
240 100
120 7.5 7.8 11.6#
236 26.3 20.3 30.5

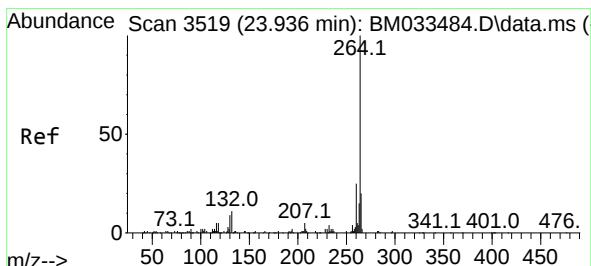
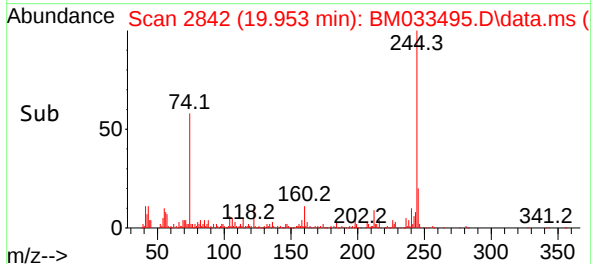
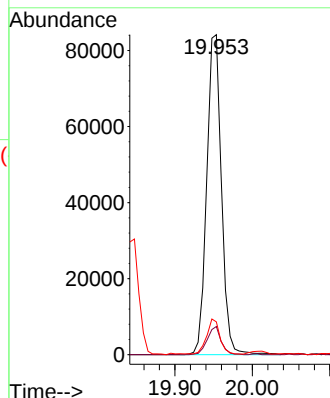
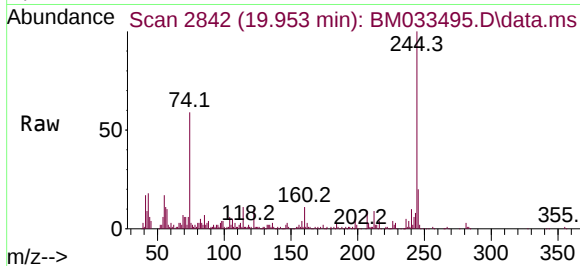




#79
 Terphenyl-d14
 Concen: 11.613 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM033495.D
 Acq: 16 Dec 2021 21:37

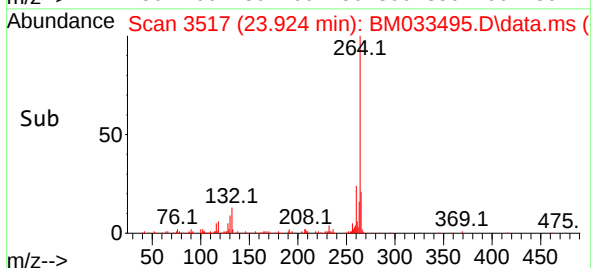
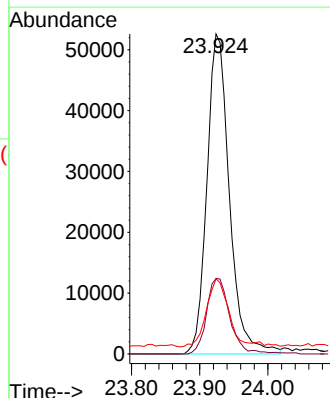
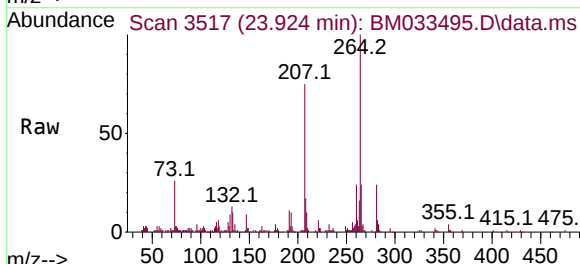
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

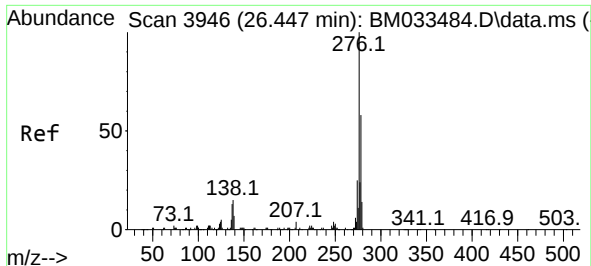
Tgt Ion:244 Resp: 110991
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.9 8.9
 122 10.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.924 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM033495.D
 Acq: 16 Dec 2021 21:37

Tgt Ion:264 Resp: 120553
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.7 26.5
 265 23.5 17.7 26.5

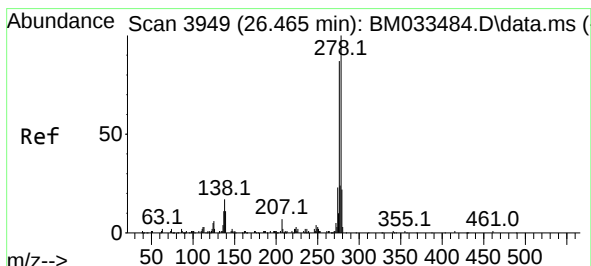
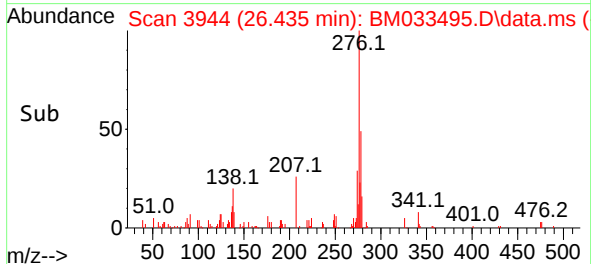
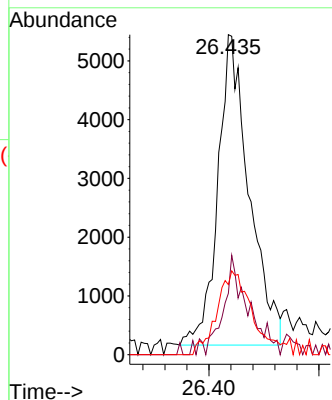
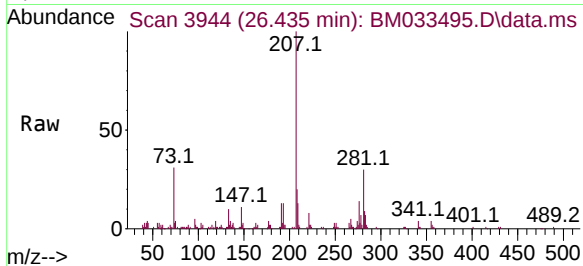




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.757 ng
RT: 26.435 min Scan# 3946
Delta R.T. -0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

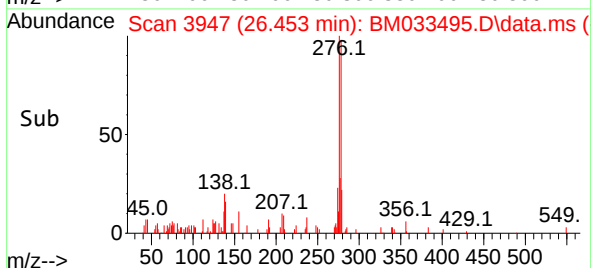
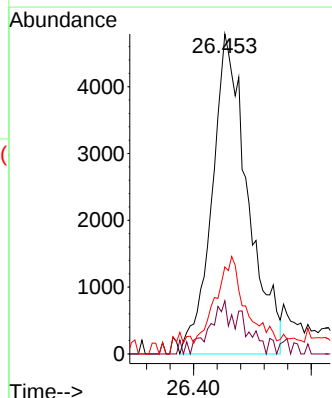
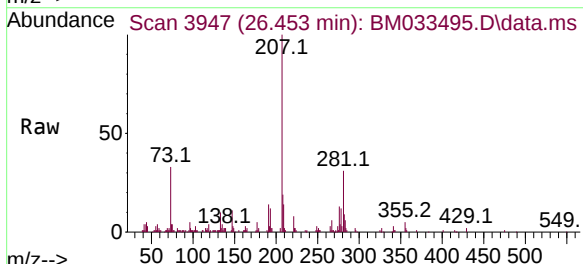
Instrument :
BNA_M
ClientSampleId :
EFF-WW

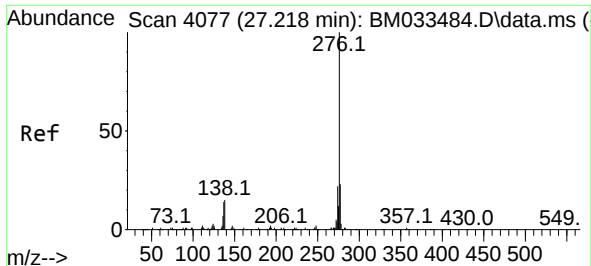
Tgt Ion:276 Resp: 20884
Ion Ratio Lower Upper
276 100
138 25.1 18.7 28.1
277 29.9 20.2 30.4



#91
Dibenzo(a,h)anthracene
Concen: 4.827 ng
RT: 26.453 min Scan# 3947
Delta R.T. -0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

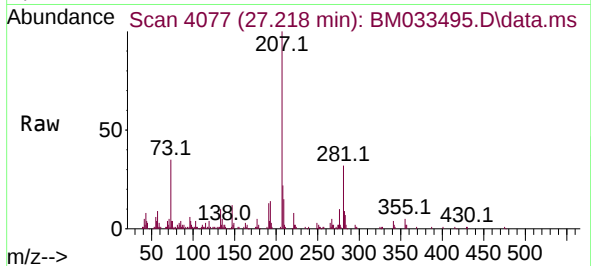
Tgt Ion:278 Resp: 20122
Ion Ratio Lower Upper
278 100
139 16.6 10.9 16.3#
279 27.2 17.7 26.5#





#92
 Benzo(g,h,i)perylene
 Concen: 2.636 ng
 RT: 27.218 min Scan# 4077
 Delta R.T. -0.000 min
 Lab File: BM033495.D
 Acq: 16 Dec 2021 21:37

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW



Tgt Ion:	276	Resp:	14129
Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.1	28.7
138	20.6	14.8	22.2

