

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033527.D
 Acq On : 18 Dec 2021 20:02
 Operator : CG/JU
 Sample : M5039-01DL 5X
 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)

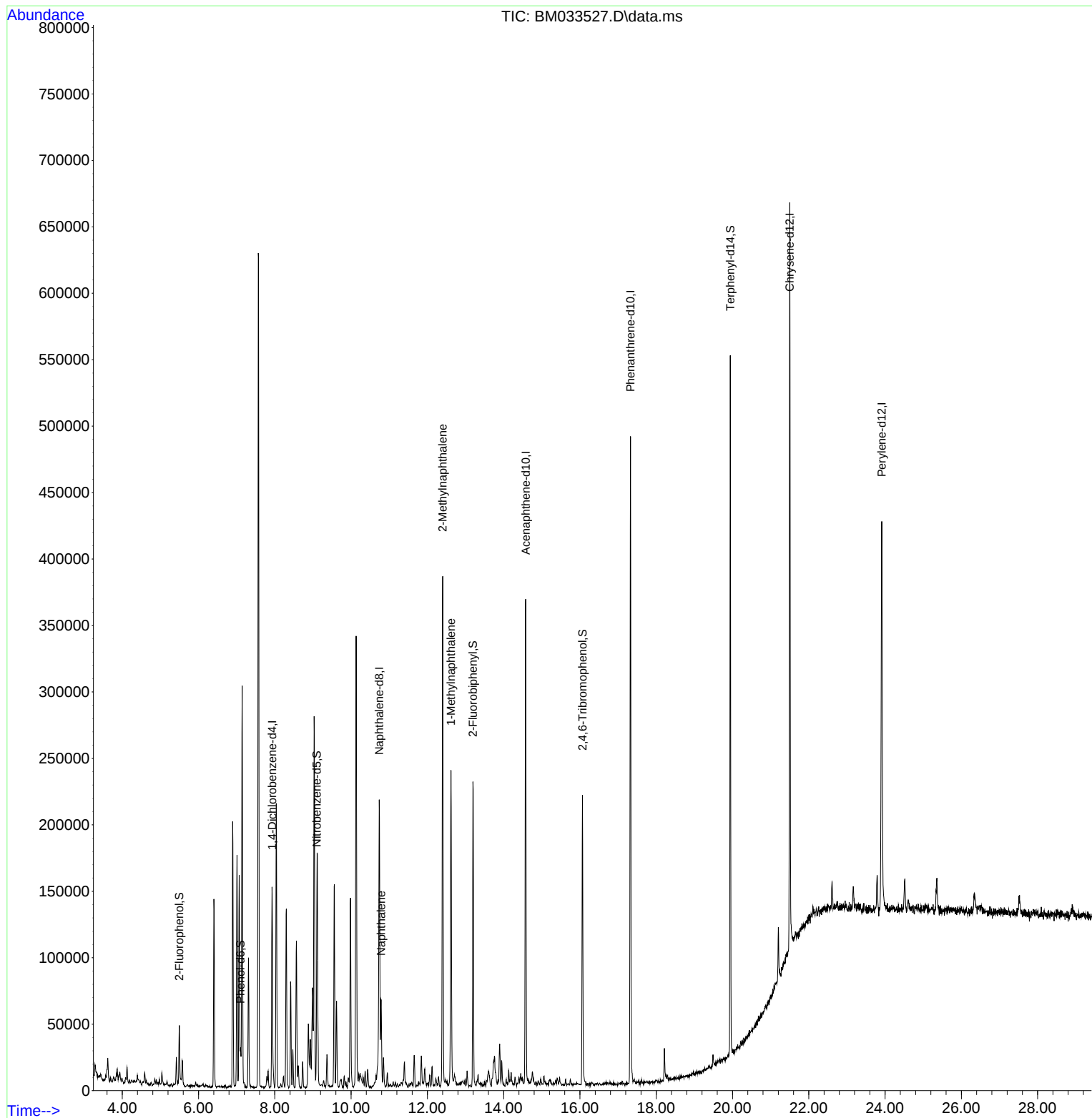
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	34454	20.000	ng	-0.01
21) Naphthalene-d8	10.736	136	152698	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	117140	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	269463	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	260289	20.000	ng	-0.01
86) 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
31) Naphthalene	10.789	128	32046	3.874	ng	# 95
37) 2-Methylnaphthalene	12.401	142	161428	28.212	ng	94
38) 1-Methylnaphthalene	12.619	142	93953	16.461	ng	100

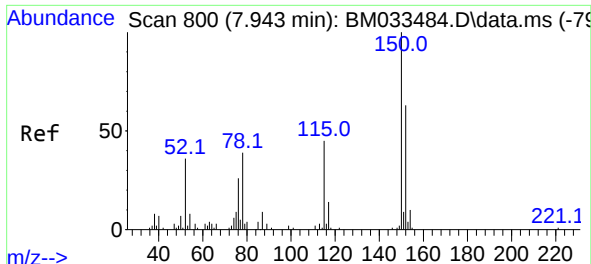
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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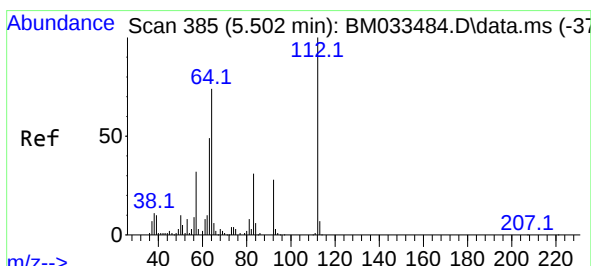
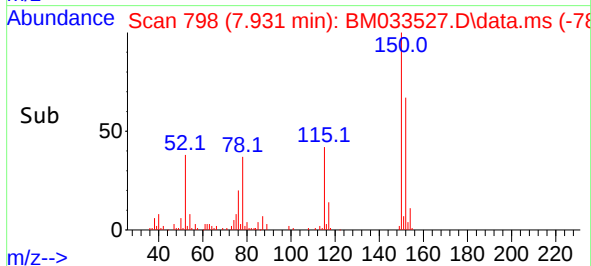
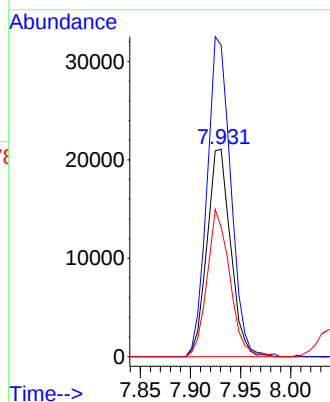
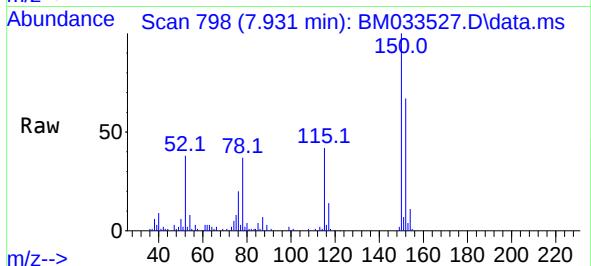




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

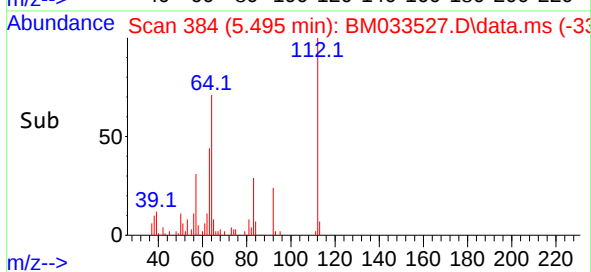
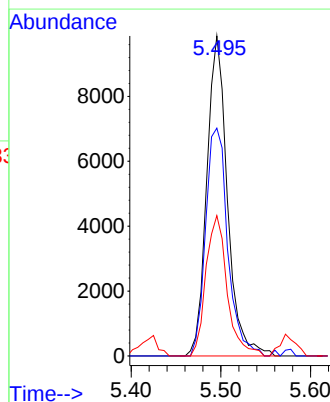
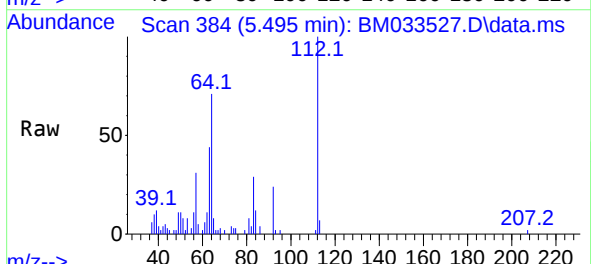
Instrument :
BNA_M
ClientSampleId :
MW-11DL

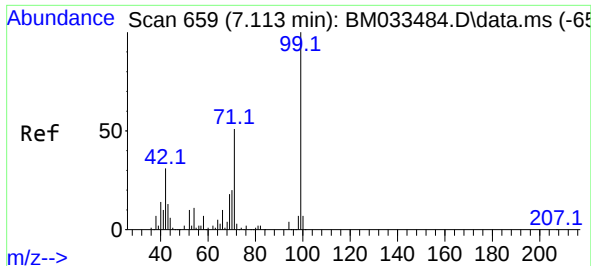
Tgt Ion:152 Resp: 34454
Ion Ratio Lower Upper
152 100
150 150.1 128.9 193.3
115 62.4 53.0 79.6



#5
2-Fluorophenol
Concen: 7.882 ng
RT: 5.495 min Scan# 384
Delta R.T. -0.007 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

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

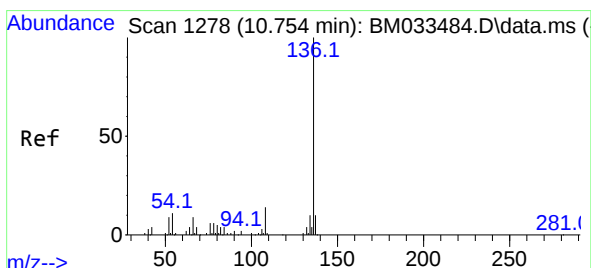
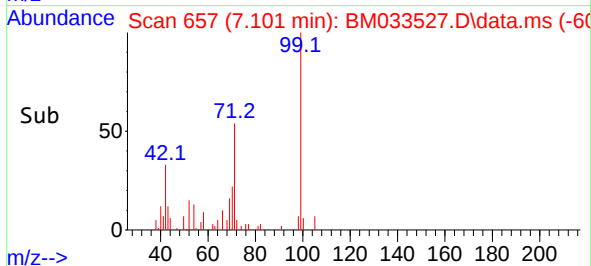
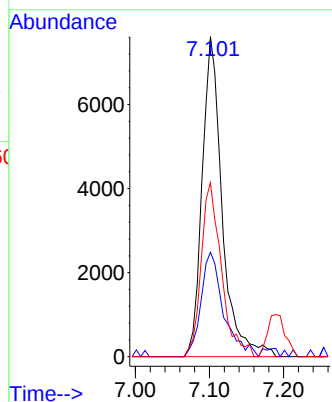
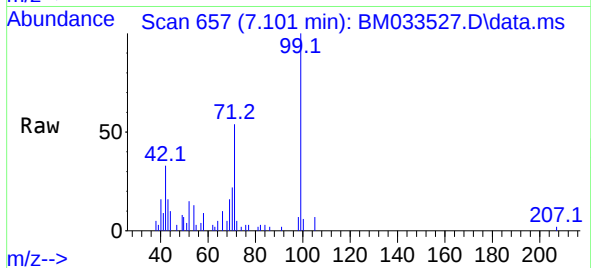




#7
Phenol-d6
Concen: 5.335 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

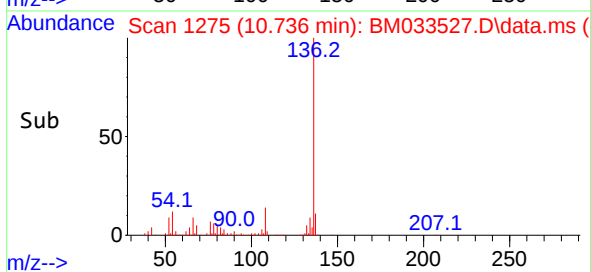
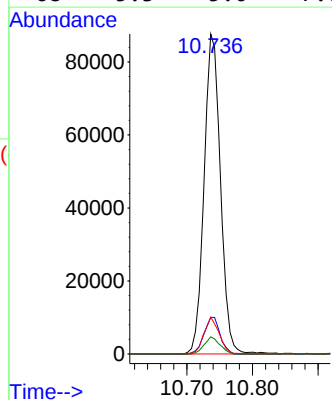
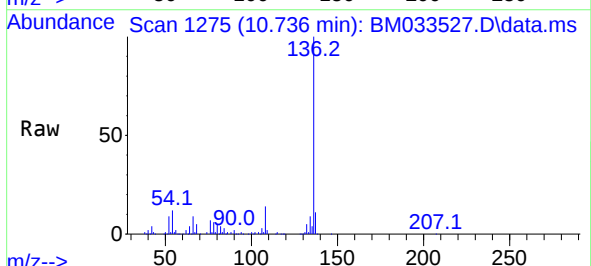
Instrument :
BNA_M
ClientSampleId :
MW-11DL

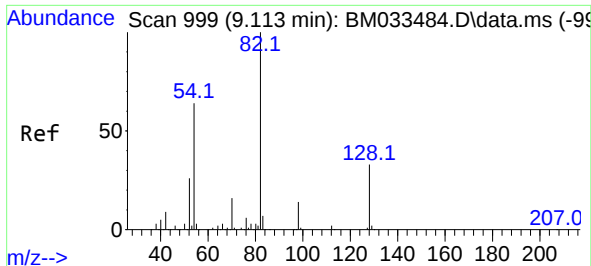
Tgt Ion: 99 Resp: 14296
Ion Ratio Lower Upper
99 100
42 32.7 20.3 30.5#
71 54.4 34.5 51.7#



#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

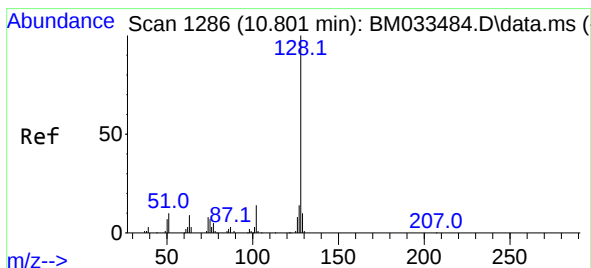
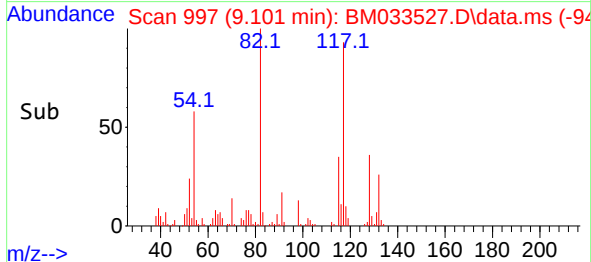
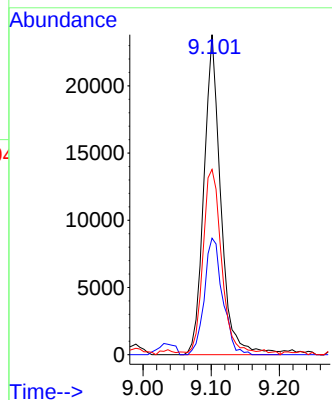
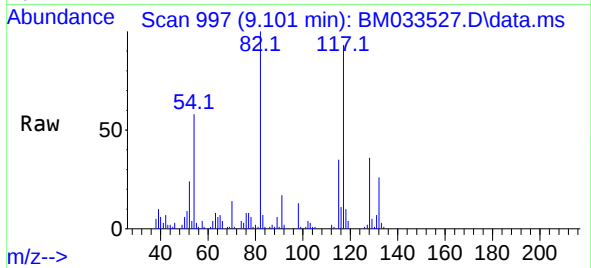




#23
Nitrobenzene-d5
Concen: 11.548 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

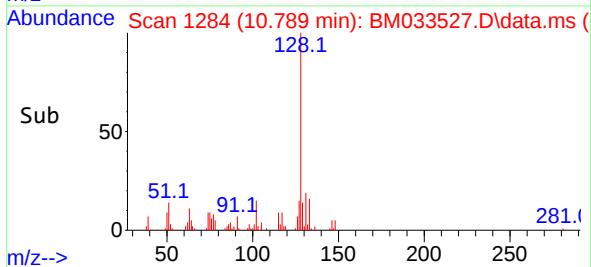
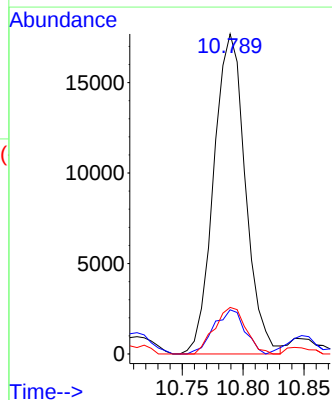
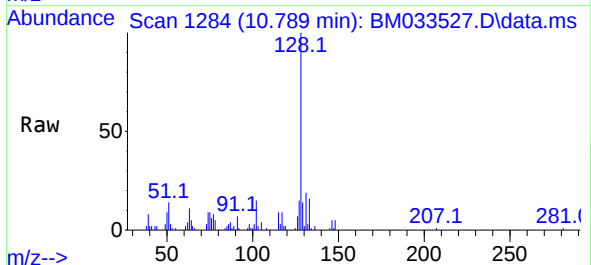
Instrument :
BNA_M
ClientSampleId :
MW-11DL

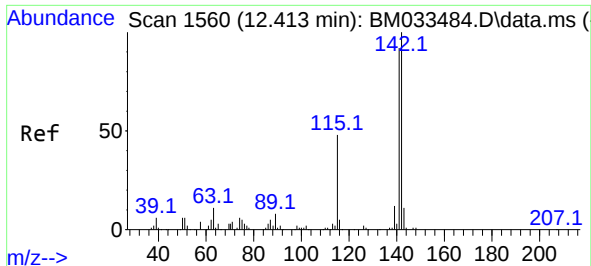
Tgt Ion: 82 Resp: 41069
Ion Ratio Lower Upper
82 100
128 36.4 28.1 42.1
54 57.9 46.1 69.1



#31
Naphthalene
Concen: 3.874 ng
RT: 10.789 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

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





#37

2-Methylnaphthalene

Concen: 28.212 ng

RT: 12.401 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM033527.D

Acq: 18 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

MW-11DL

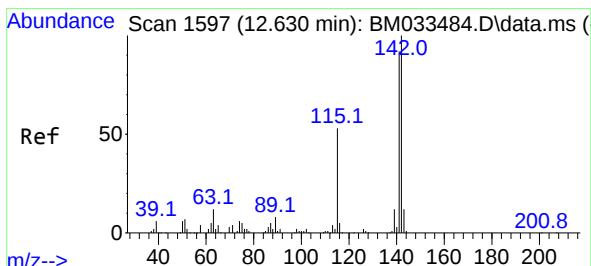
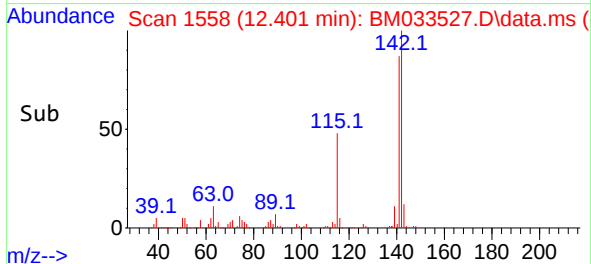
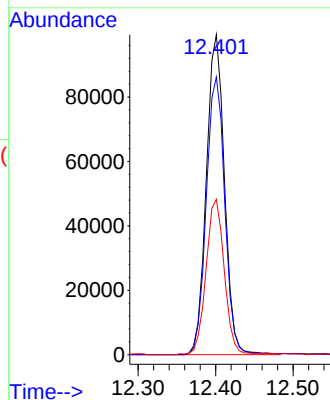
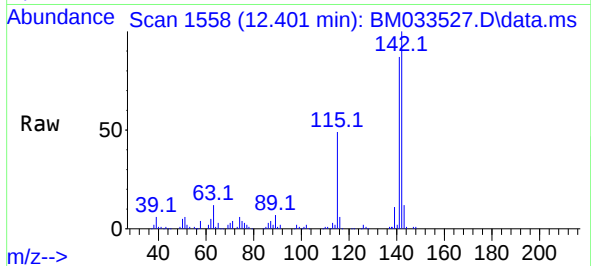
Tgt Ion:142 Resp: 161428

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

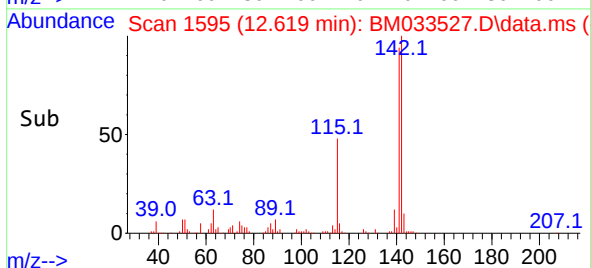
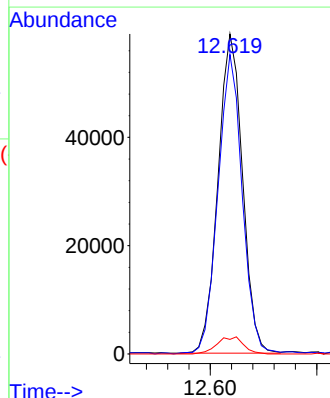
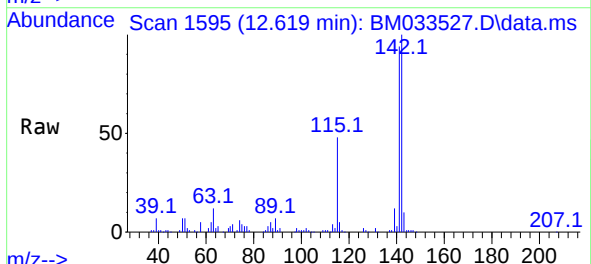
Tgt Ion:142 Resp: 93953

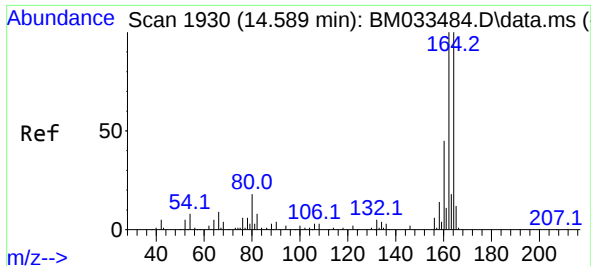
Ion Ratio Lower Upper

142 100

141 93.6 75.0 112.4

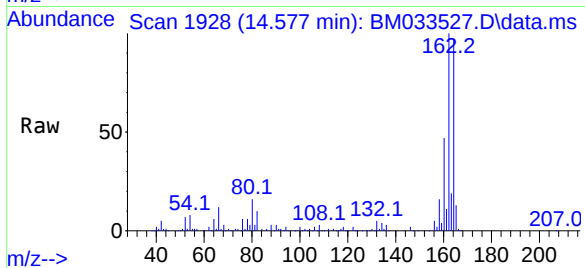
116 4.6 3.5 5.3



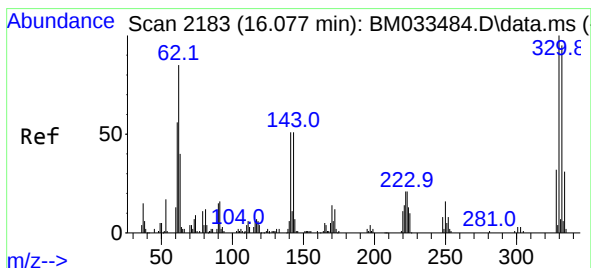
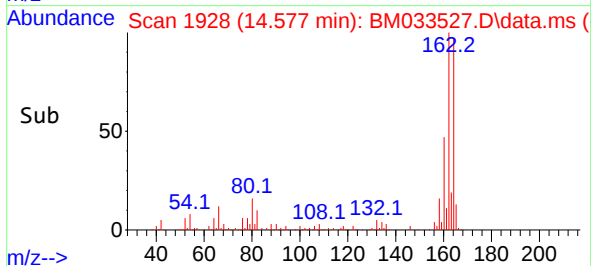
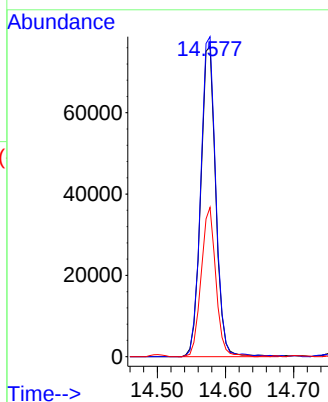


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

Instrument :
BNA_M
ClientSampleId :
MW-11DL

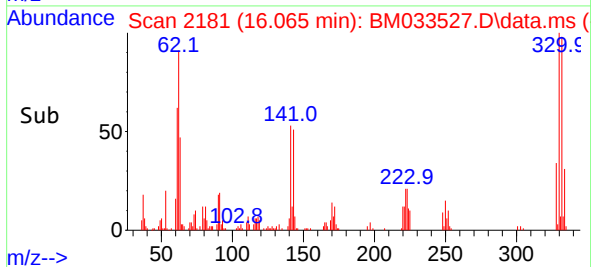
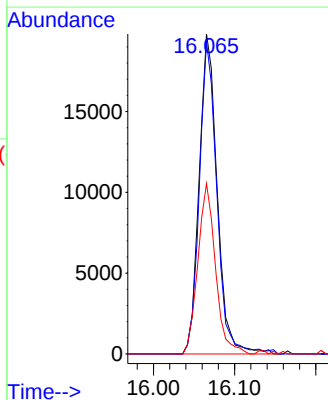
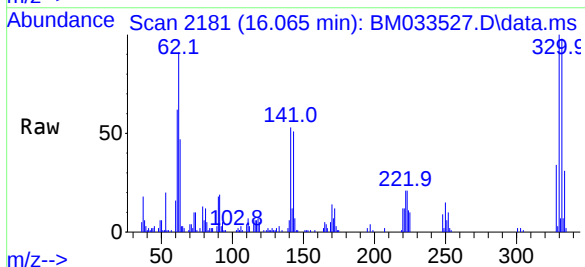


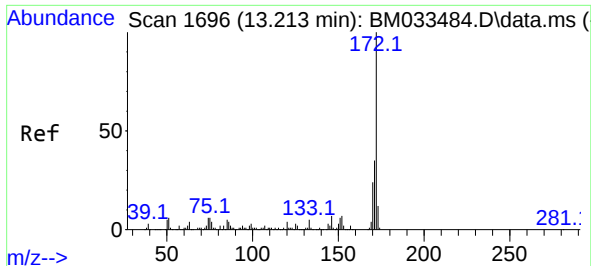
Tgt Ion:164 Resp: 117140
Ion Ratio Lower Upper
164 100
162 103.1 79.7 119.5
160 48.1 34.2 51.4



#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

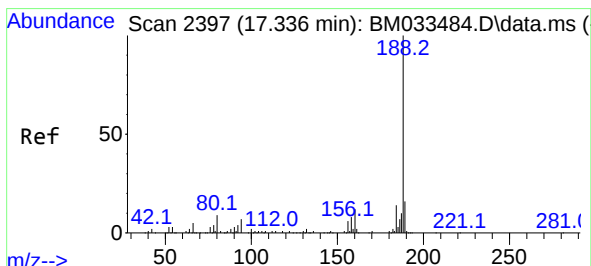
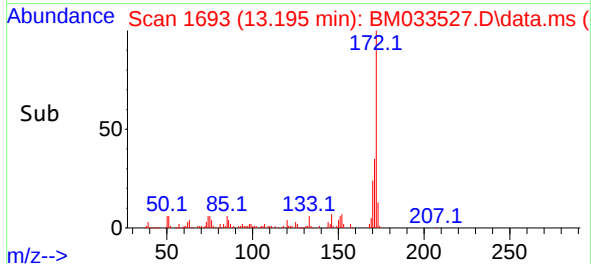
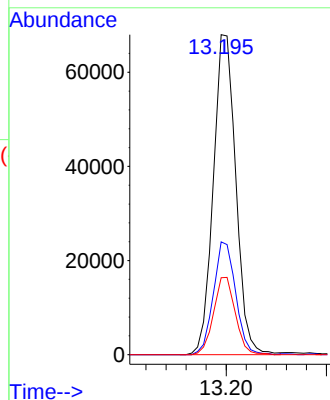
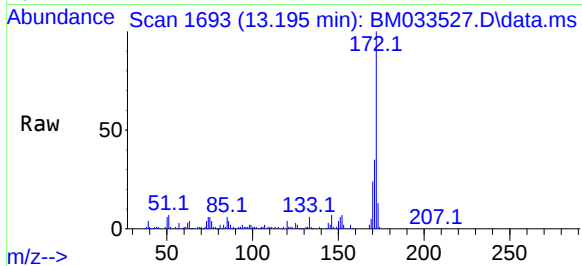




#45
2-Fluorobiphenyl
Concen: 12.534 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

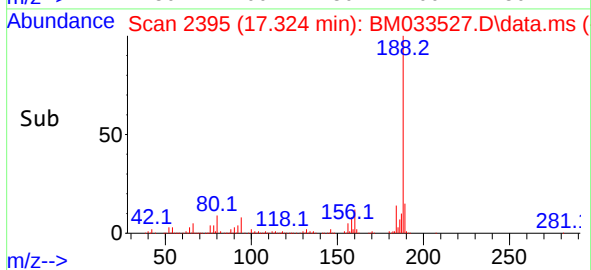
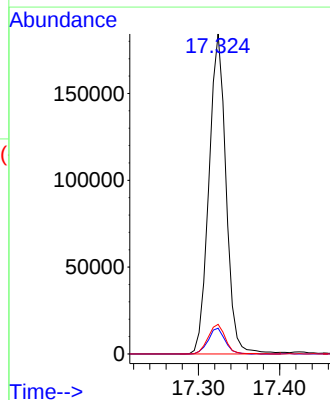
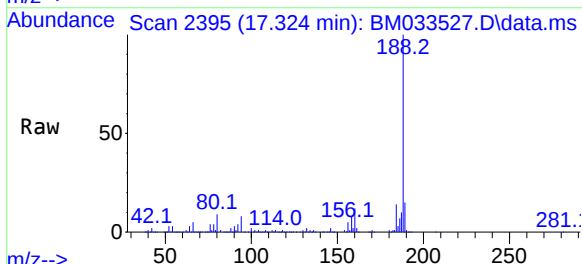
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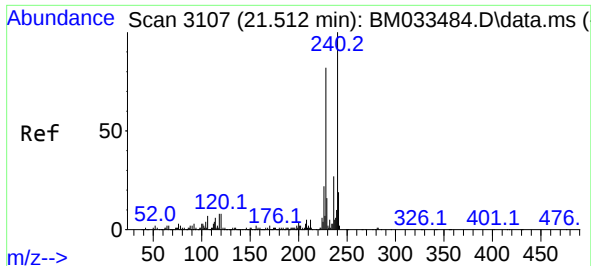
Tgt Ion:172 Resp: 106139
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

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

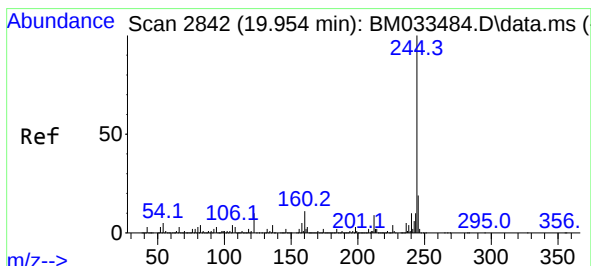
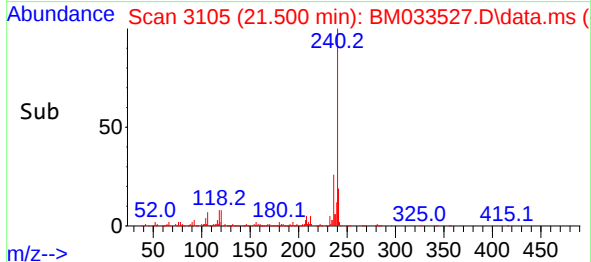
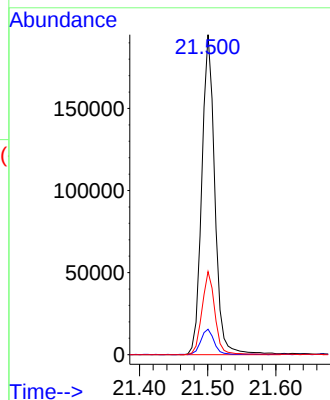
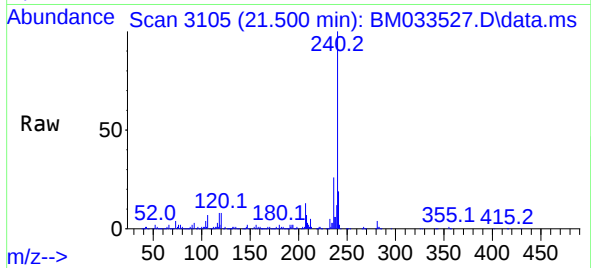




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

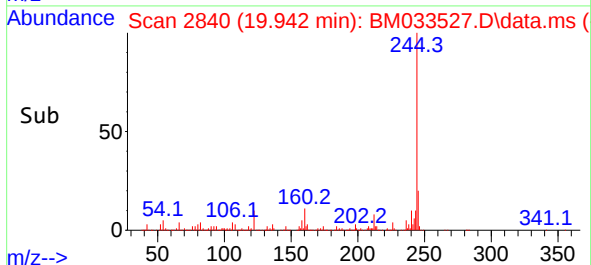
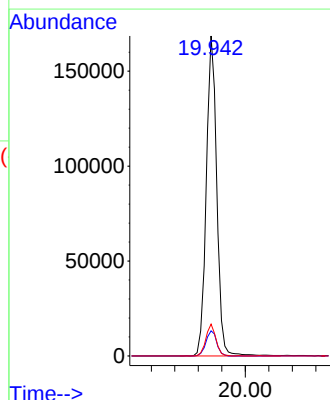
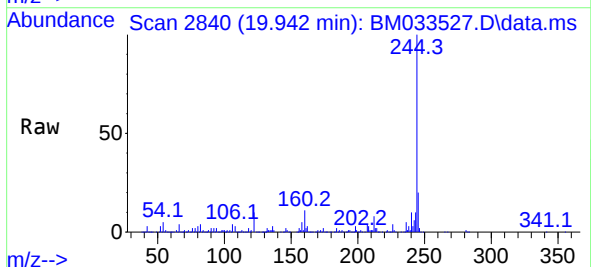
Instrument :
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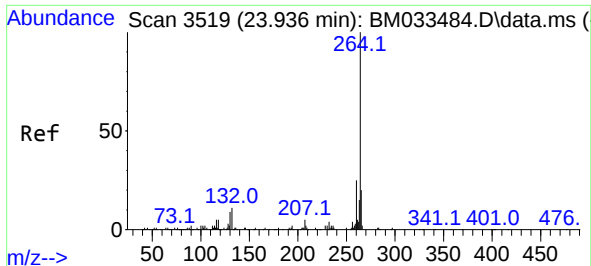
Tgt Ion:240 Resp: 260289
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 12.635 ng
RT: 19.942 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BM033527.D
Acq: 18 Dec 2021 20:02

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# 31
 Delta R.T. -0.024 min
 Lab File: BM033527.D
 Acq: 18 Dec 2021 20:02

Instrument :
 BNA_M
 ClientSampleId :
 MW-11DL

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

