

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033520.D
 Acq On : 18 Dec 2021 15:49
 Operator : CG/JU
 Sample : M5074-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-2

Quant Time: Dec 20 07:07:42 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)

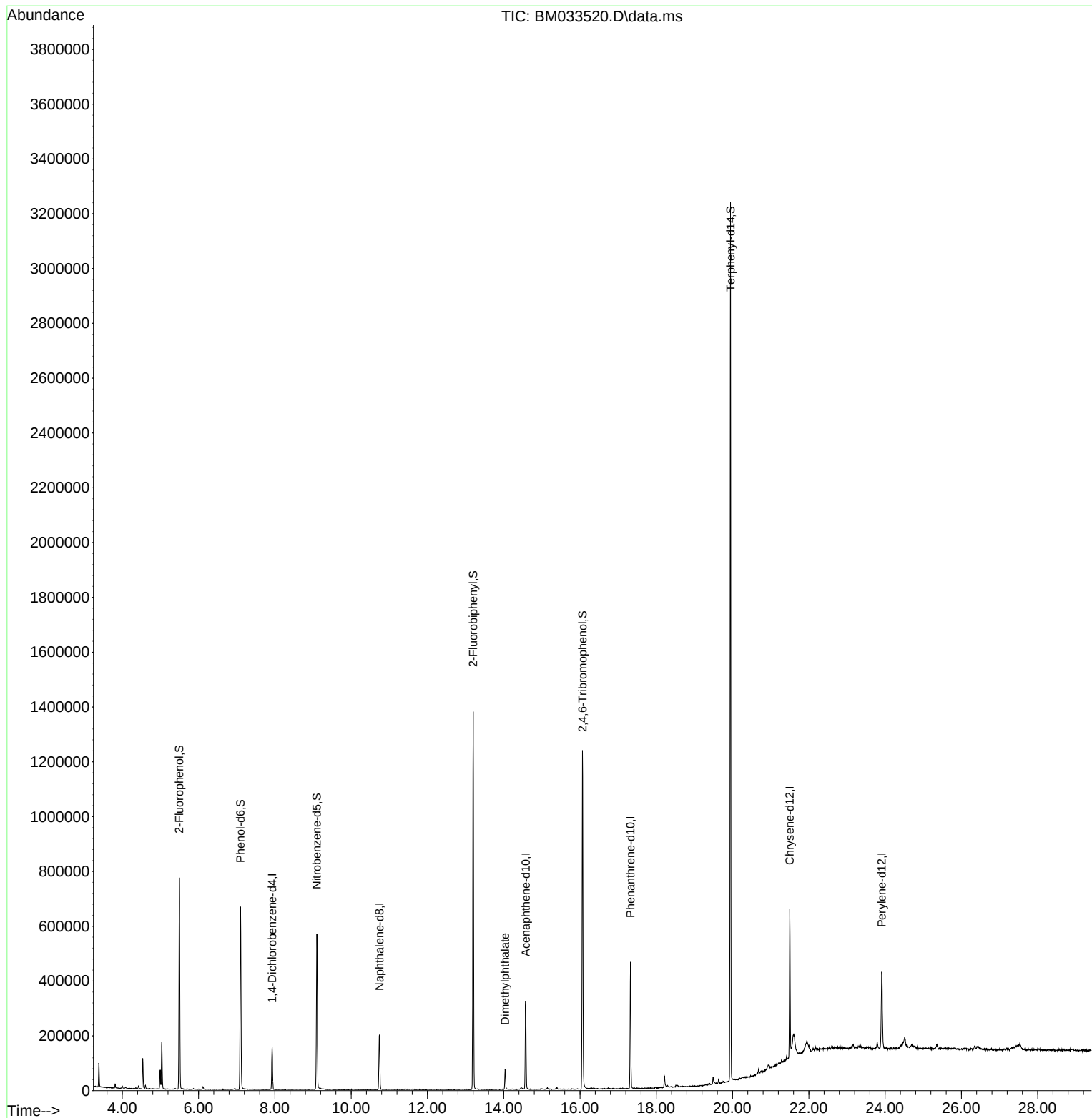
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	35439	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	150149	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	107196	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	251980	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	242692	20.000	ng	-0.01
86) Perylene-d12	23.912	264	213873	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	255129	124.223	ng	0.00
7) Phenol-d6	7.101	99	306066	111.047	ng	-0.01
23) Nitrobenzene-d5	9.101	82	305565	87.382	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	176582	146.439	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	626943	80.904	ng	-0.01
79) Terphenyl-d14	19.947	244	1294098	83.947	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	194	Below Cal	#	1
9) Benzaldehyde	7.101	77	961	Below Cal	#	7
50) Dimethylphthalate	14.036	163	42066	5.181	ng	98

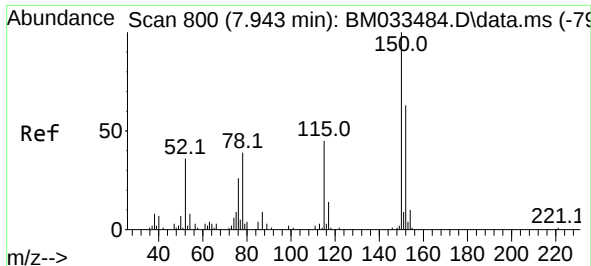
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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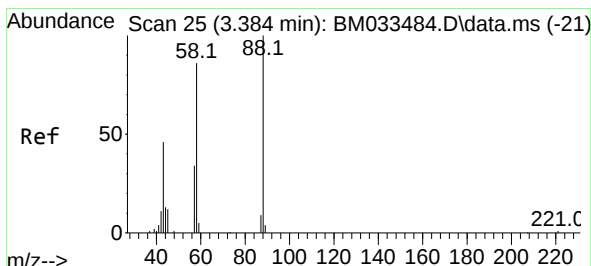
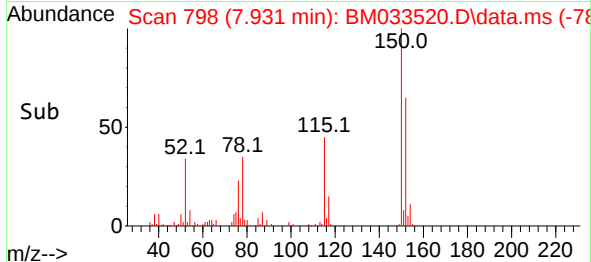
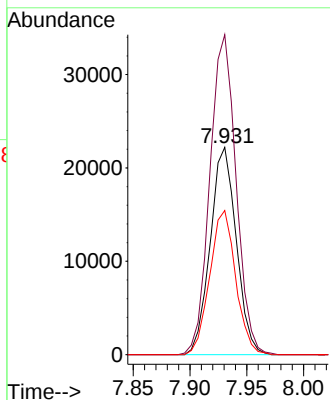
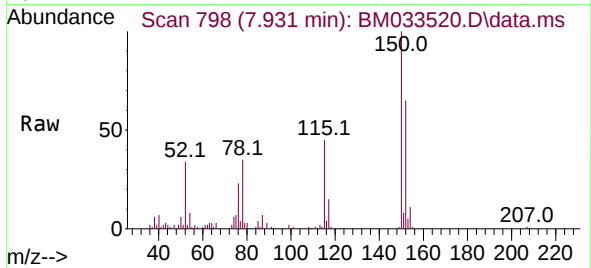




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

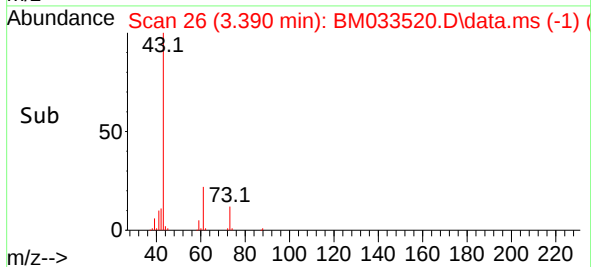
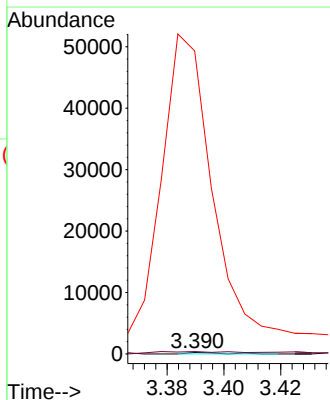
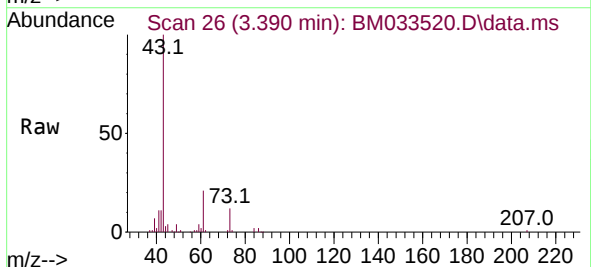
Instrument :
BNA_M
ClientSampleId :
CS-2

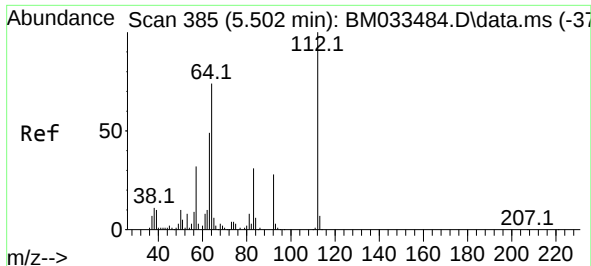
Tgt Ion:152 Resp: 35439
Ion Ratio Lower Upper
152 100
150 154.3 128.9 193.3
115 69.5 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.390 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
58 435.6 67.0 100.4#
43 31626.8 31.6 47.4#

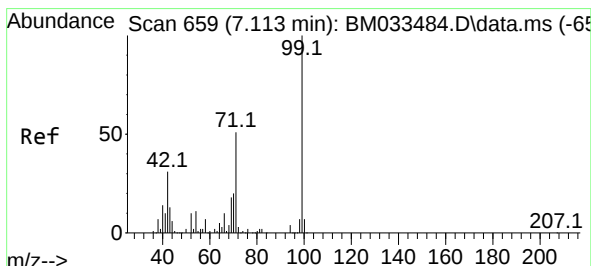
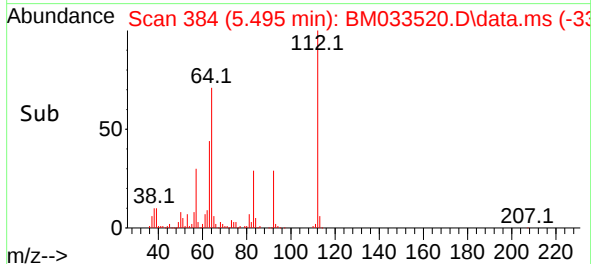
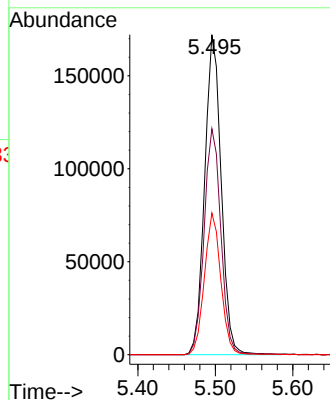
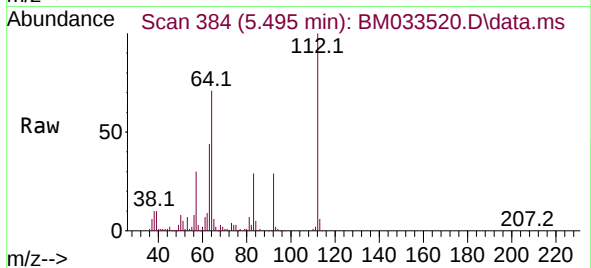




#5
2-Fluorophenol
Concen: 124.223 ng
RT: 5.495 min Scan# 385
Delta R.T. -0.007 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

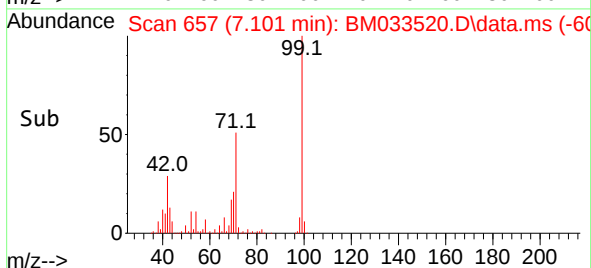
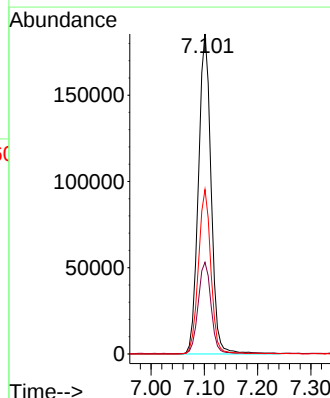
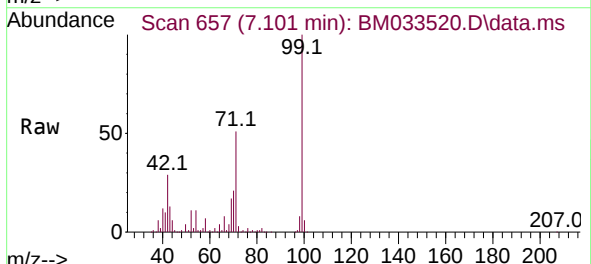
Instrument :
BNA_M
ClientSampleId :
CS-2

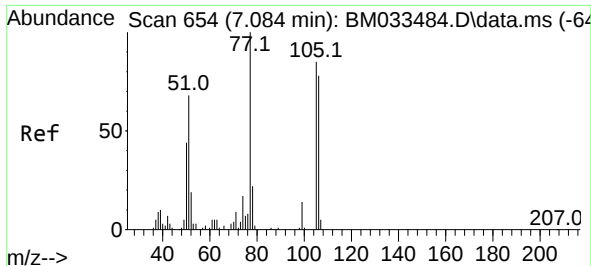
Tgt Ion:112 Resp: 255129
Ion Ratio Lower Upper
112 100
64 70.6 55.5 83.3
63 44.2 31.3 46.9



#7
Phenol-d6
Concen: 111.047 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

Tgt Ion: 99 Resp: 306066
Ion Ratio Lower Upper
99 100
42 28.7 20.3 30.5
71 51.4 34.5 51.7

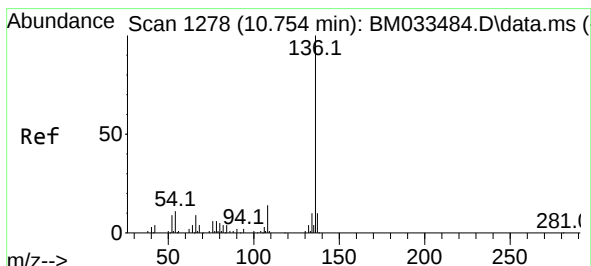
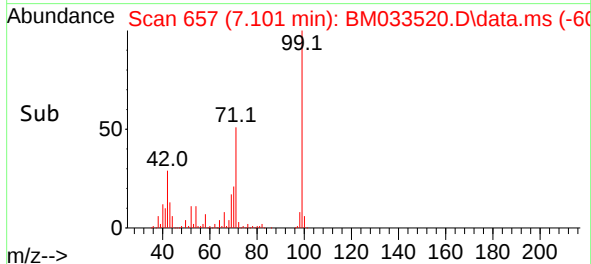
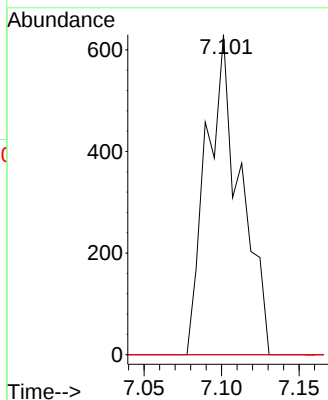
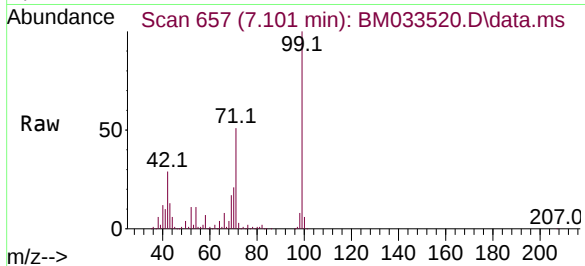




#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 61
Delta R.T. 0.017 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

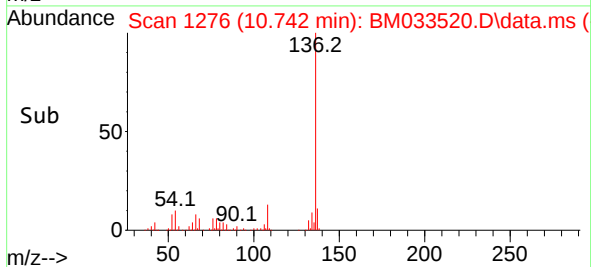
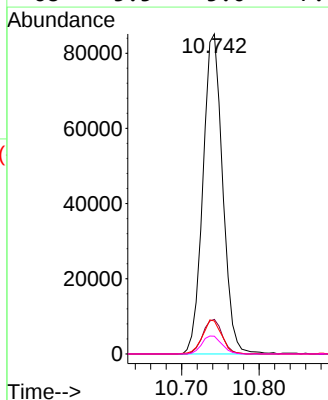
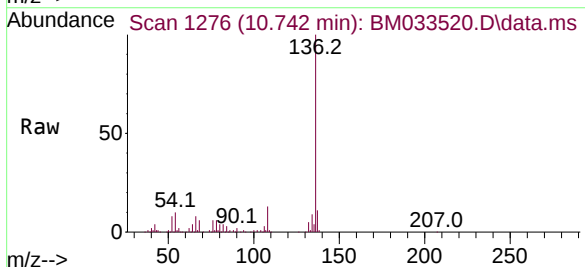
Instrument :
BNA_M
ClientSampleId :
CS-2

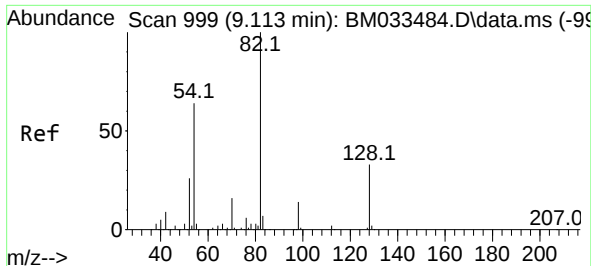
Tgt Ion: 77 Resp: 961
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

Tgt Ion: 136 Resp: 150149
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.382 ng

RT: 9.101 min Scan# 999

Delta R.T. -0.012 min

Lab File: BM033520.D

Acq: 18 Dec 2021 15:49

Instrument :

BNA_M

ClientSampleId :

CS-2

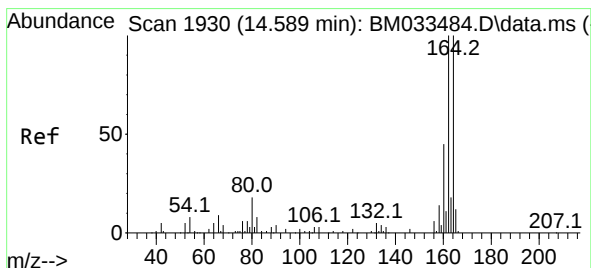
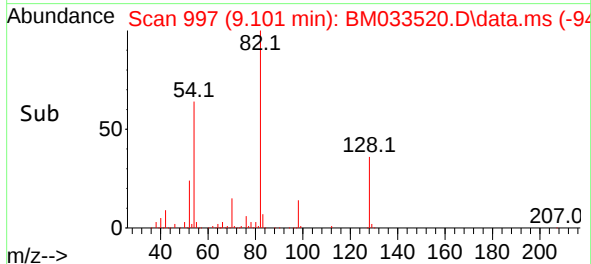
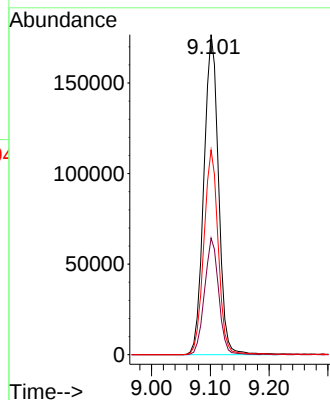
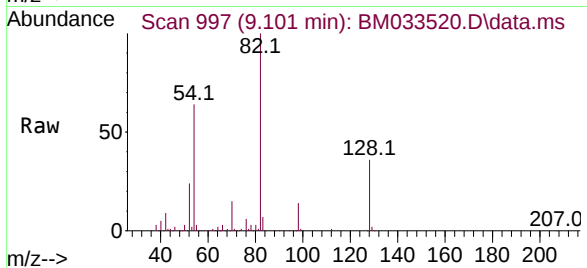
Tgt Ion: 82 Resp: 305565

Ion Ratio Lower Upper

82 100

128 36.5 28.1 42.1

54 64.0 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: BM033520.D

Acq: 18 Dec 2021 15:49

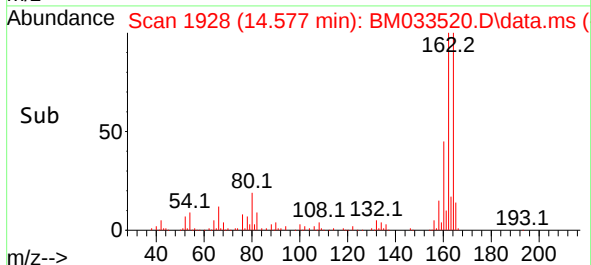
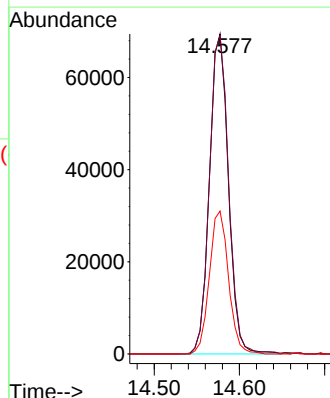
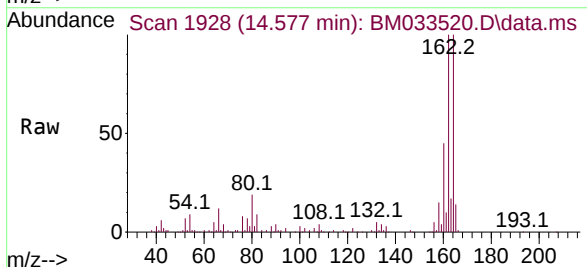
Tgt Ion:164 Resp: 107196

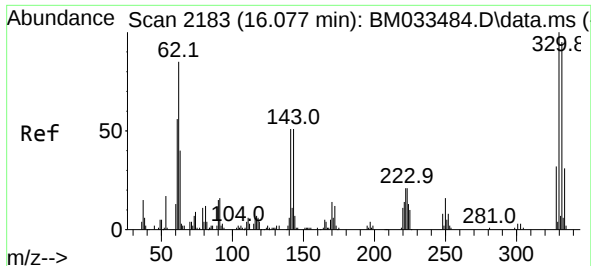
Ion Ratio Lower Upper

164 100

162 99.6 79.7 119.5

160 44.7 34.2 51.4

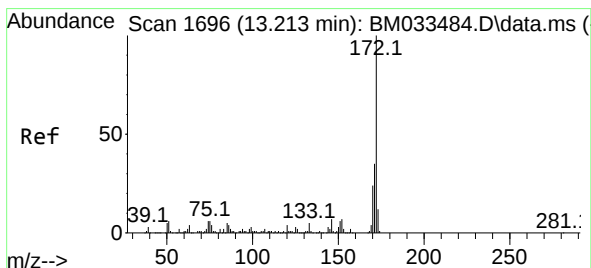
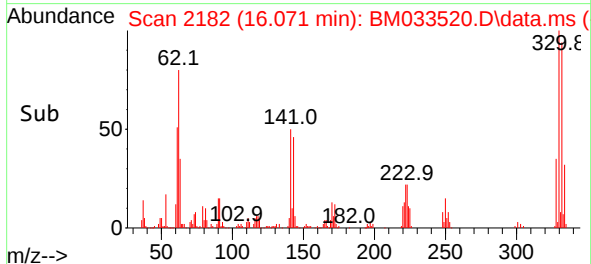
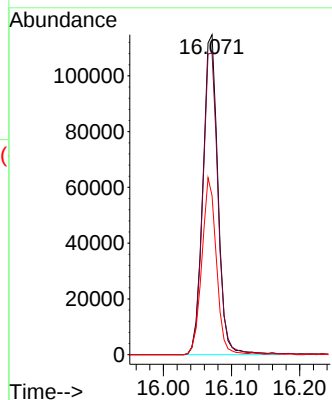
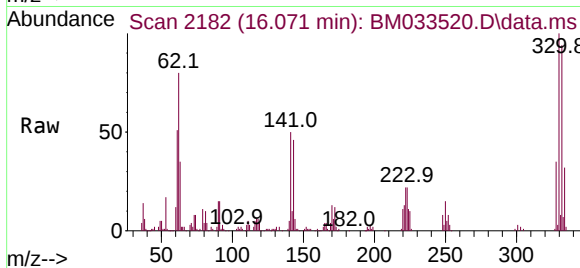




#42
2,4,6-Tribromophenol
Concen: 146.439 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

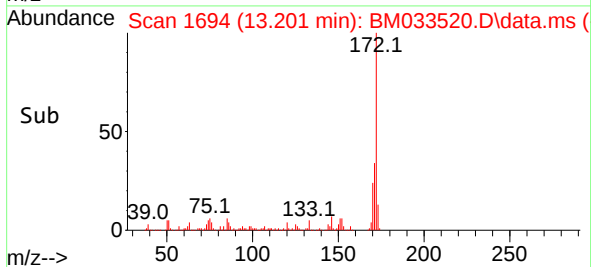
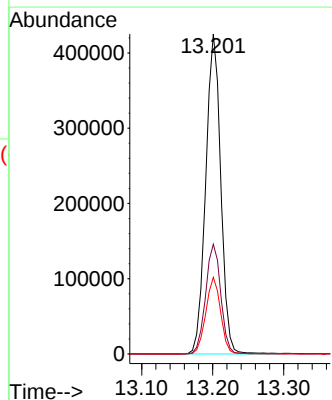
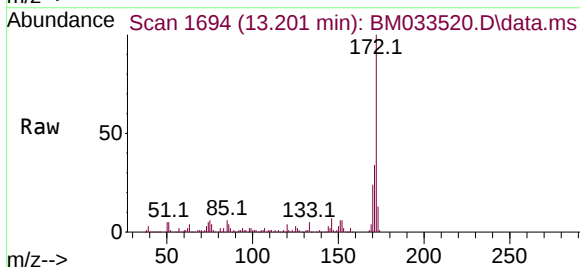
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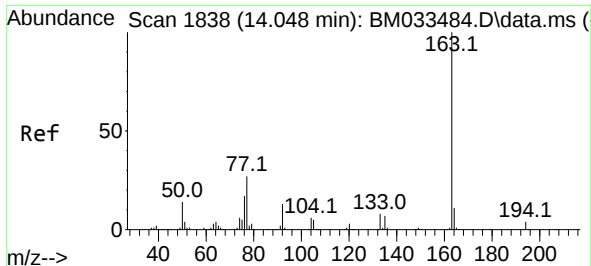
Tgt Ion:330 Resp: 176582
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 53.1 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 80.904 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

Tgt Ion:172 Resp: 626943
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 24.0 18.7 28.1

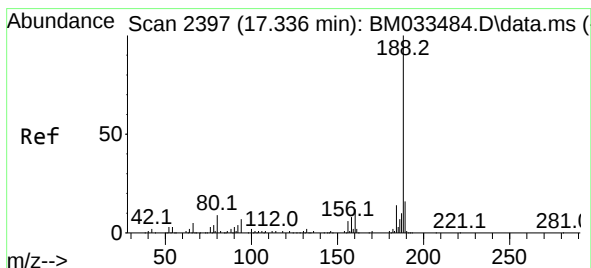
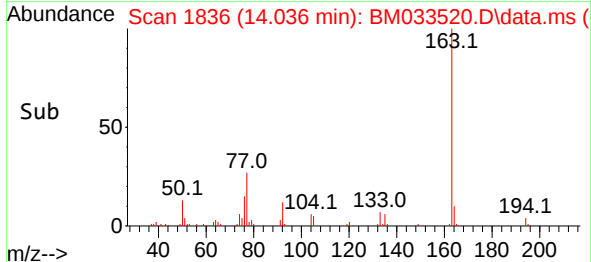
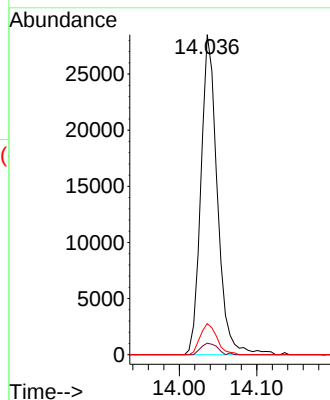
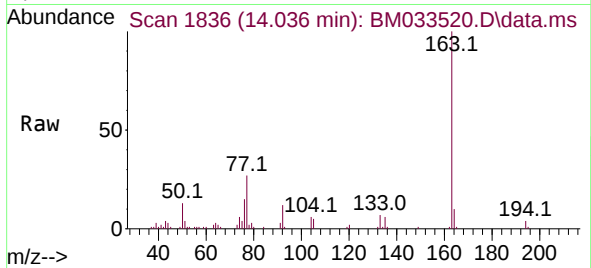




#50
Dimethylphthalate
Concen: 5.181 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

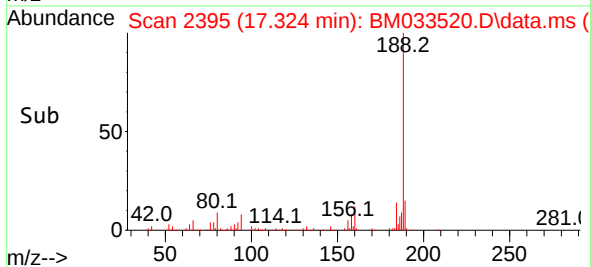
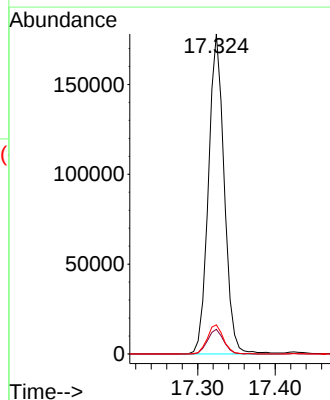
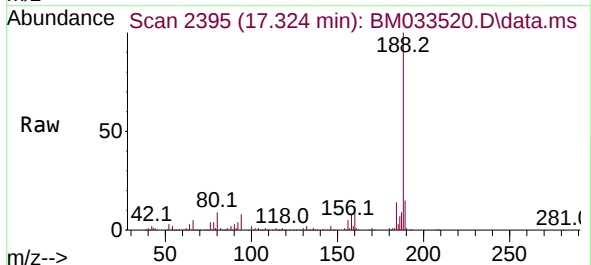
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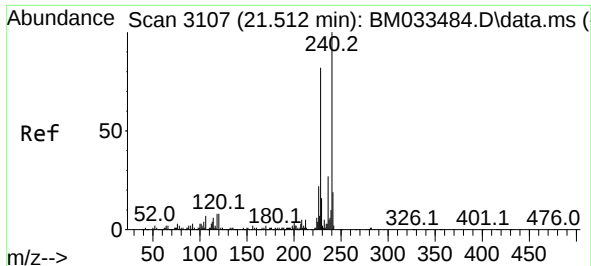
Tgt Ion:163 Resp: 42066
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

Tgt Ion:188 Resp: 251980
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 9.1 8.9 13.3

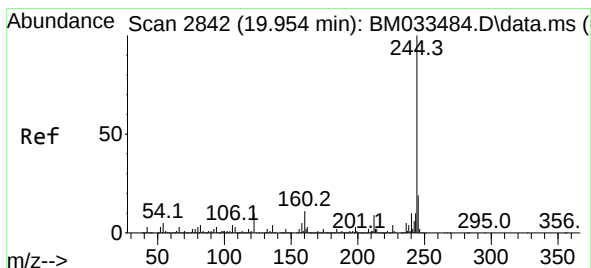
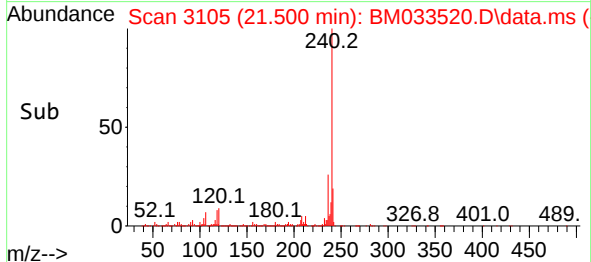
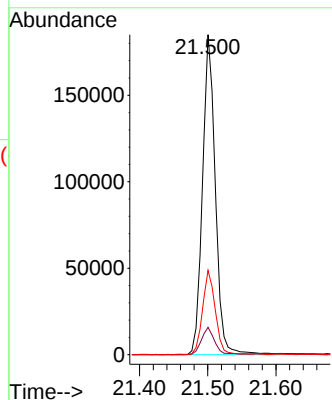
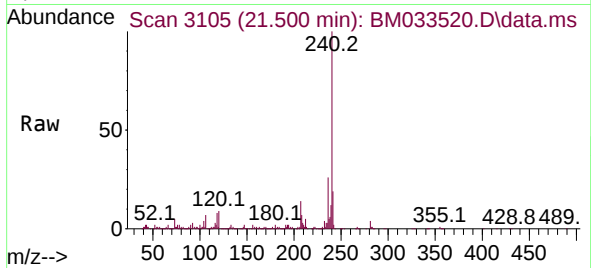




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

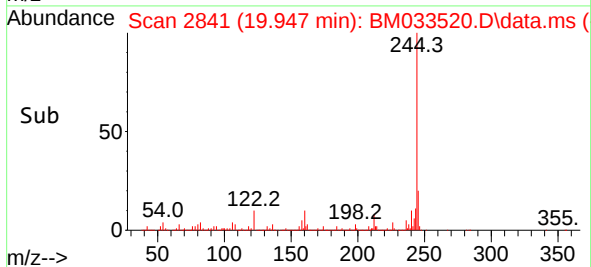
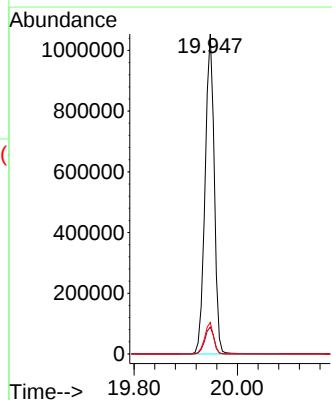
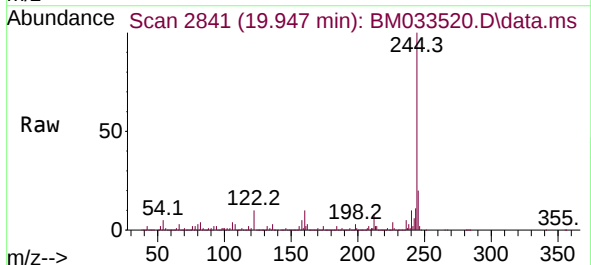
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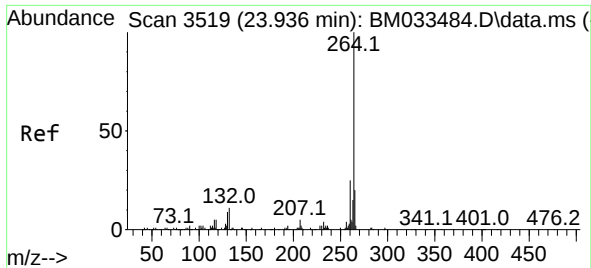
Tgt Ion:240 Resp: 242692
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 83.947 ng
RT: 19.947 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BM033520.D
Acq: 18 Dec 2021 15:49

Tgt Ion:244 Resp: 1294098
Ion Ratio Lower Upper
244 100
212 8.4 5.9 8.9
122 9.9 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: BM033520.D
 Acq: 18 Dec 2021 15:49

Instrument :
 BNA_M
 ClientSampleId :
 CS-2

Tgt Ion:264 Resp: 213873
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.7 26.5
 265 22.6 17.7 26.5

