

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033522.D
 Acq On : 18 Dec 2021 17:01
 Operator : CG/JU
 Sample : M5074-05RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-3RE

Quant Time: Dec 20 07:08:05 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)

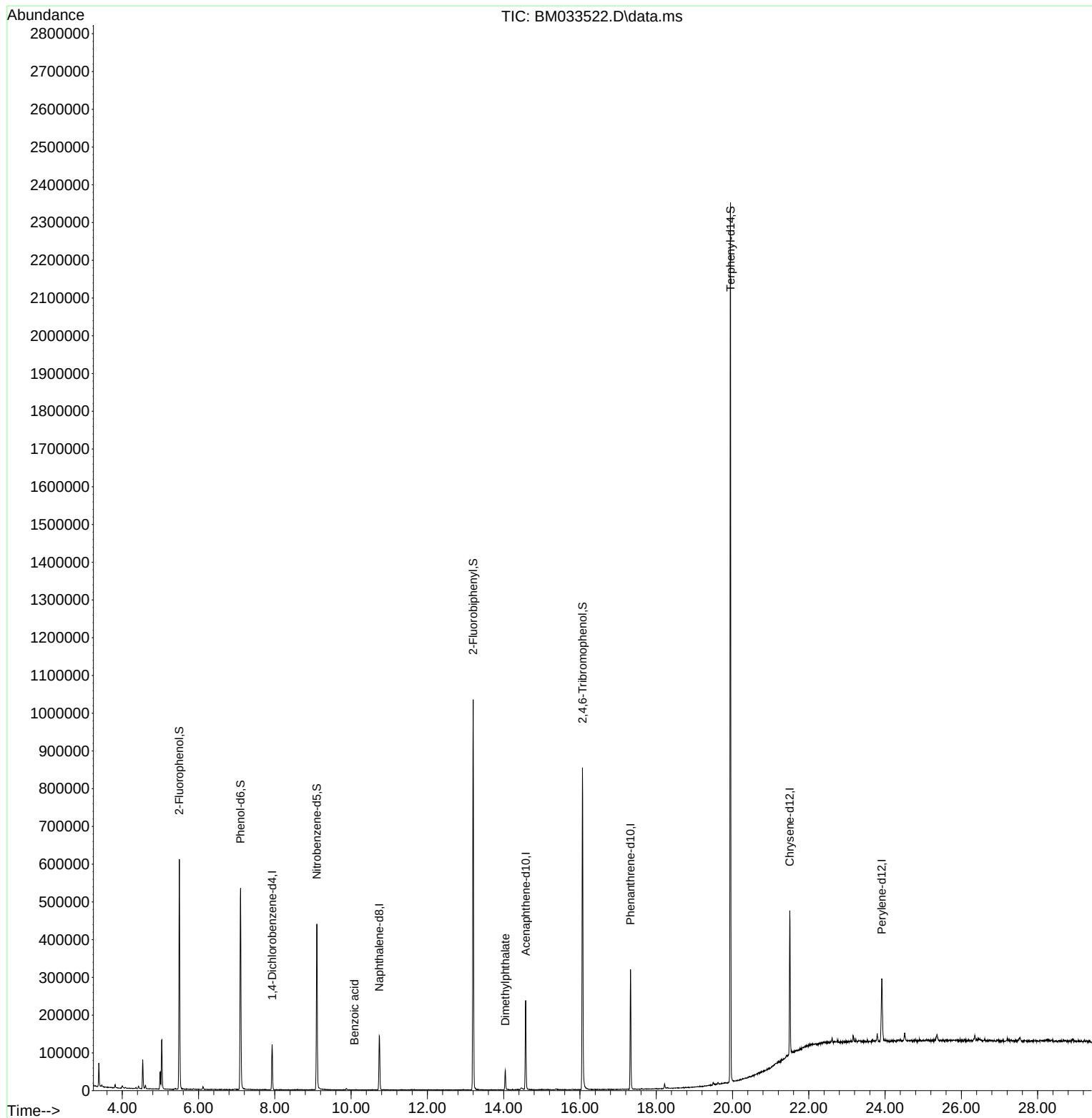
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	25491	20.000	ng	-0.01
21) Naphthalene-d8	10.736	136	106452	20.000	ng	#-0.02
39) Acenaphthene-d10	14.577	164	74772	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	182269	20.000	ng	#-0.01
76) Chrysene-d12	21.500	240	182731	20.000	ng	-0.01
86) Perylene-d12	23.912	264	136048	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	196652	133.118	ng	0.00
7) Phenol-d6	7.101	99	240169	121.144	ng	-0.01
23) Nitrobenzene-d5	9.101	82	234358	94.529	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	122717	145.900	ng	-0.01
45) 2-Fluorobiphenyl	13.201	172	468194	86.617	ng	-0.01
79) Terphenyl-d14	19.948	244	979582	84.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	231	Below Cal	#	1
9) Benzaldehyde	7.101	77	657	Below Cal	#	7
32) Benzoic acid	10.084	122	69	3.029 ng	#	1
50) Dimethylphthalate	14.042	163	30467	5.379 ng	#	96

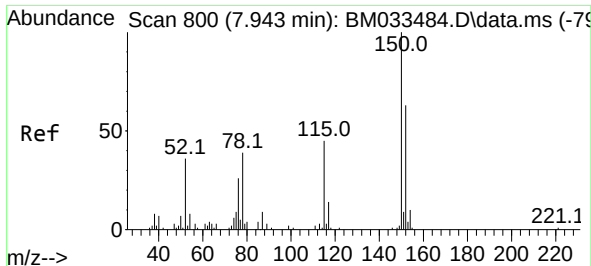
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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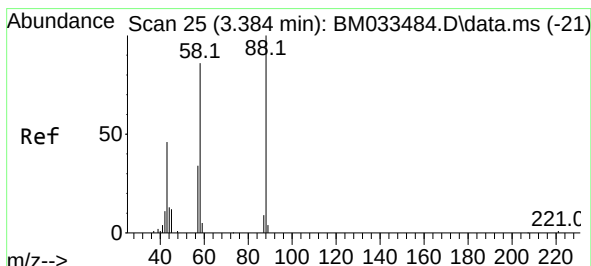
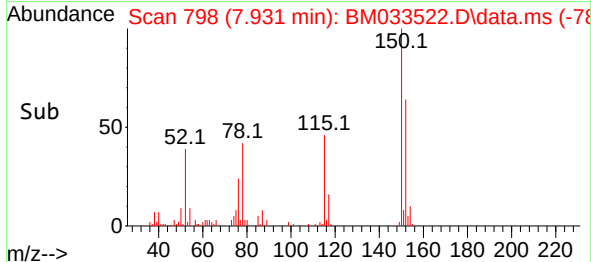
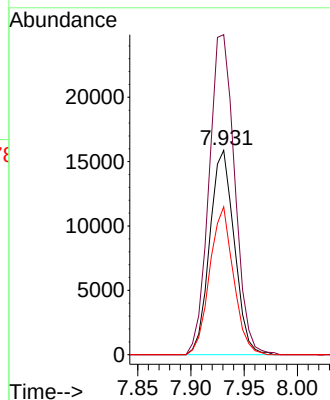
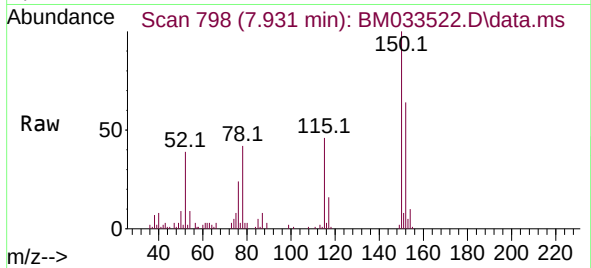




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

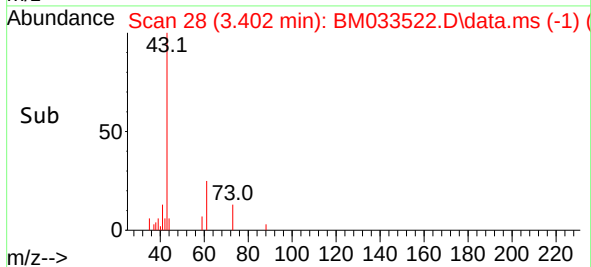
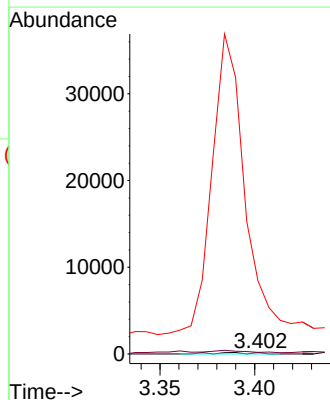
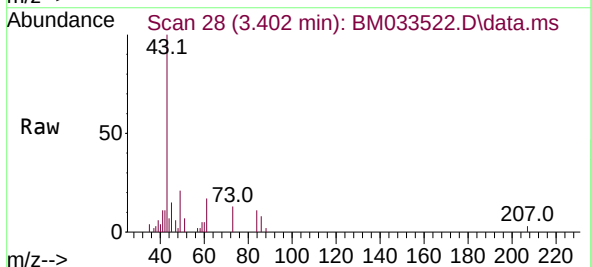
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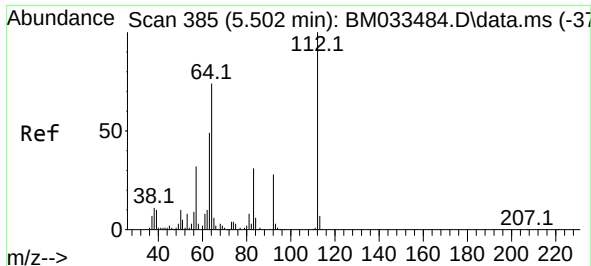
Tgt Ion:152 Resp: 25491
Ion Ratio Lower Upper
152 100
150 156.6 128.9 193.3
115 72.3 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.402 min Scan# 28
Delta R.T. 0.018 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
58 243.7 67.0 100.4#
43 18688.3 31.6 47.4#

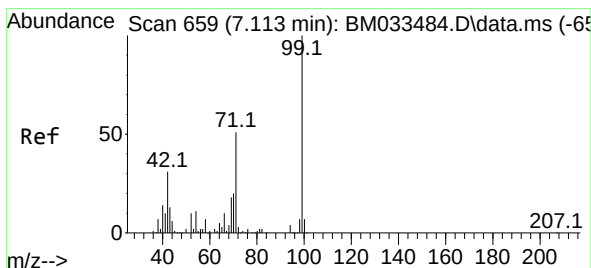
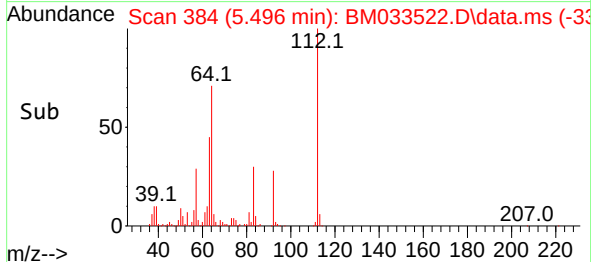
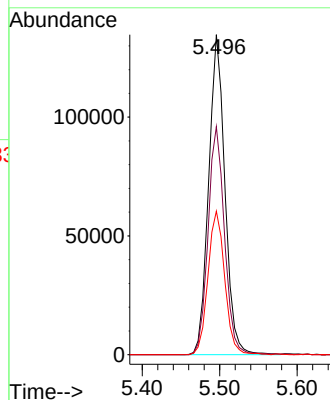
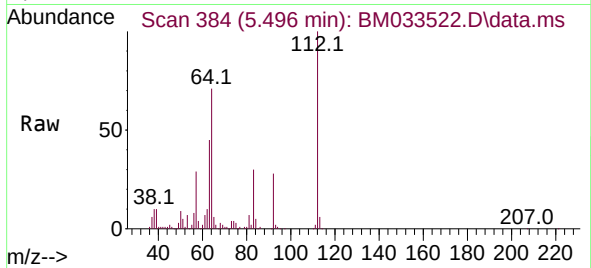




#5
2-Fluorophenol
Concen: 133.118 ng
RT: 5.496 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

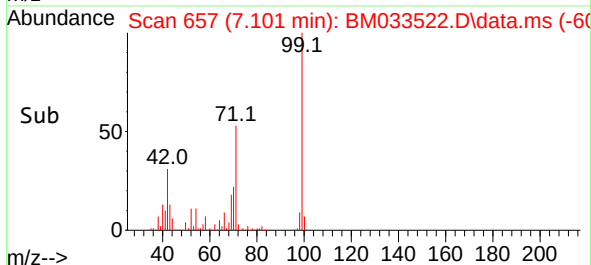
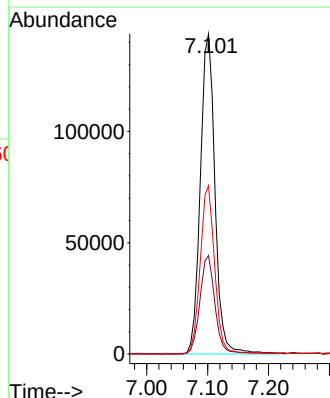
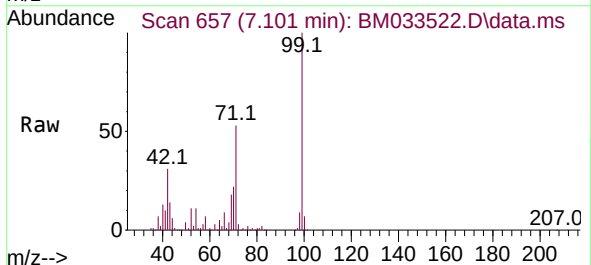
Instrument :
BNA_M
ClientSampleId :
CS-3RE

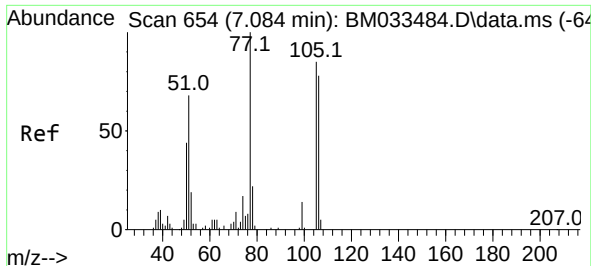
Tgt Ion:112 Resp: 196652
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 44.9 31.3 46.9



#7
Phenol-d6
Concen: 121.144 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

Tgt Ion: 99 Resp: 240169
Ion Ratio Lower Upper
99 100
42 30.7 20.3 30.5#
71 52.6 34.5 51.7#

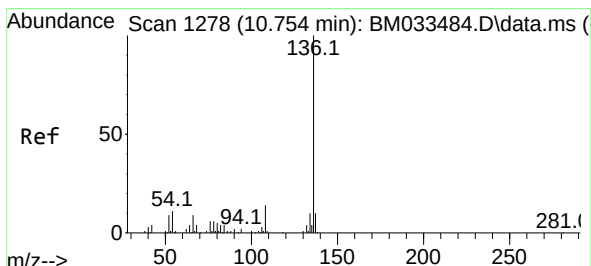
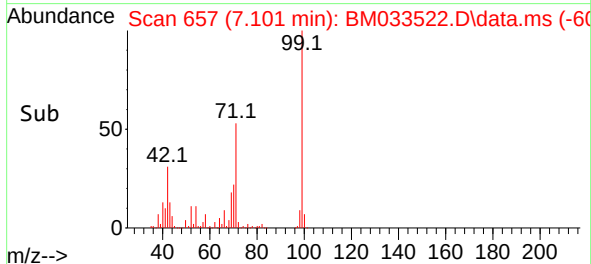
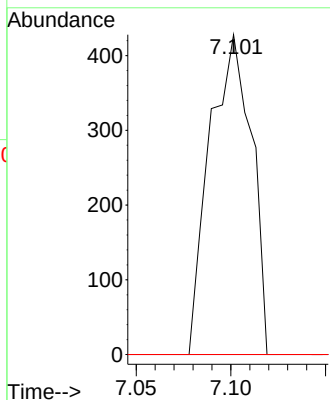
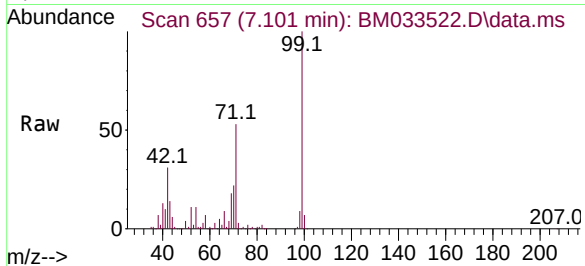




#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 61
Delta R.T. 0.017 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

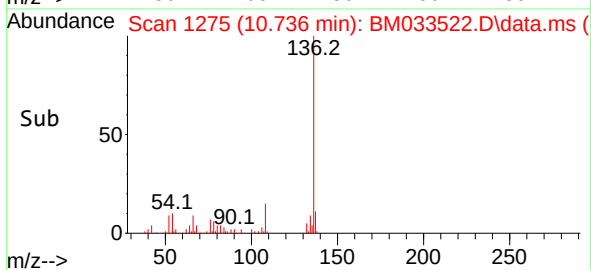
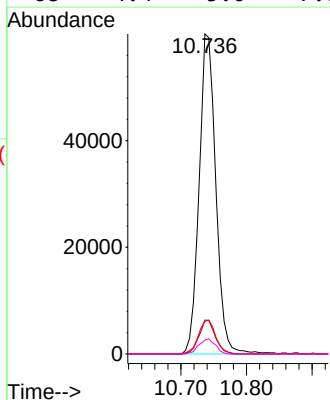
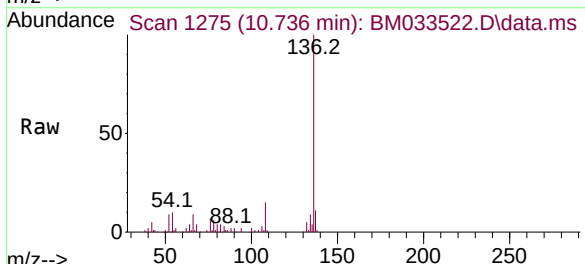
Instrument :
BNA_M
ClientSampleId :
CS-3RE

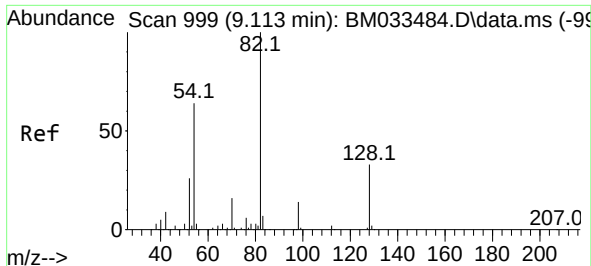
Tgt Ion: 77 Resp: 657
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1275
Delta R.T. -0.018 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

Tgt Ion: 136 Resp: 106452
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.2 8.3 12.5
68 4.4 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 94.529 ng

RT: 9.101 min Scan# 999

Delta R.T. -0.012 min

Lab File: BM033522.D

Acq: 18 Dec 2021 17:01

Instrument :

BNA_M

ClientSampleId :

CS-3RE

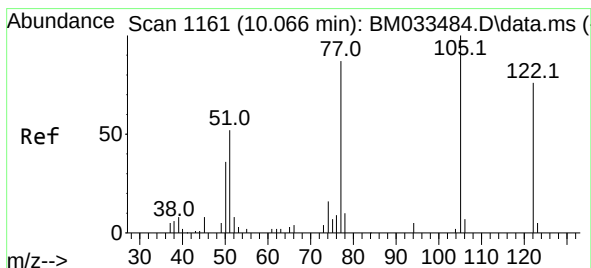
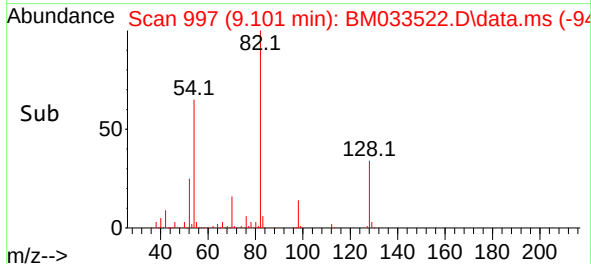
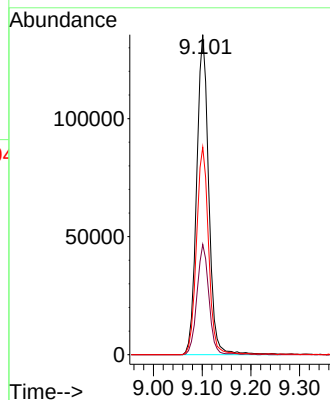
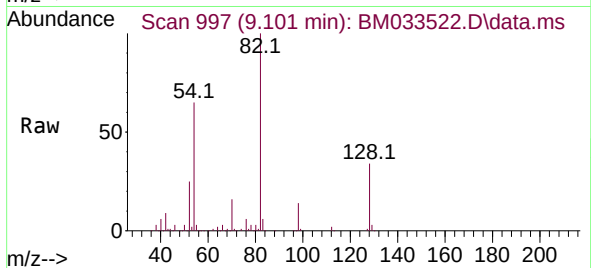
Tgt Ion: 82 Resp: 234358

Ion Ratio Lower Upper

82 100

128 34.4 28.1 42.1

54 64.8 46.1 69.1



#32

Benzoic acid

Concen: 3.029 ng

RT: 10.084 min Scan# 1164

Delta R.T. 0.018 min

Lab File: BM033522.D

Acq: 18 Dec 2021 17:01

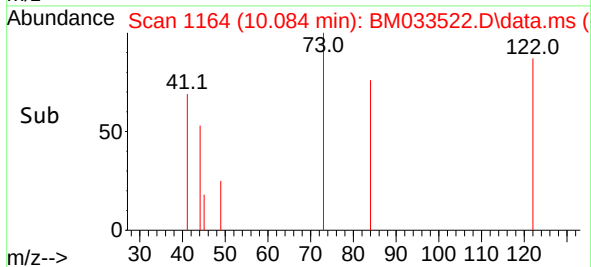
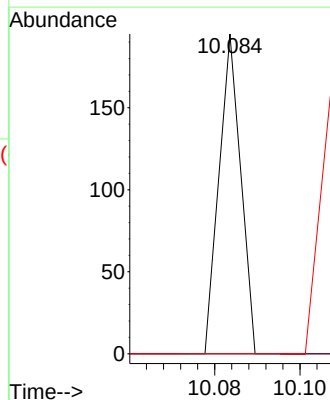
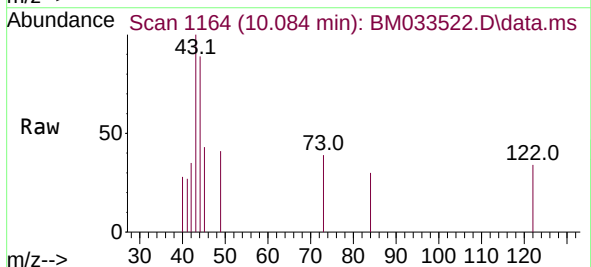
Tgt Ion: 122 Resp: 69

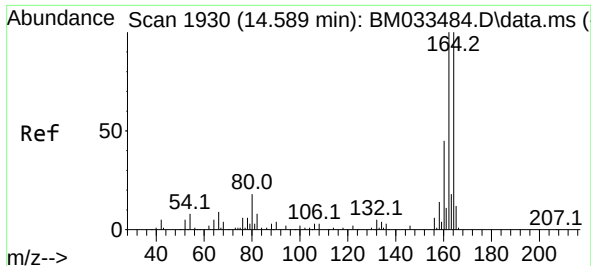
Ion Ratio Lower Upper

122 100

105 0.0 119.6 159.6#

77 0.0 101.0 141.0#

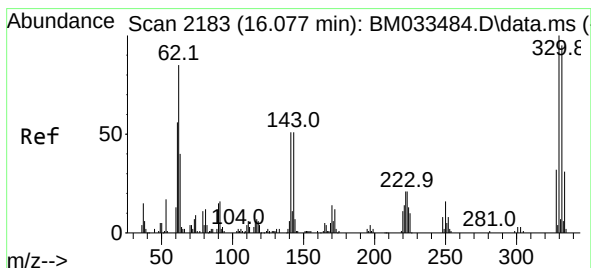
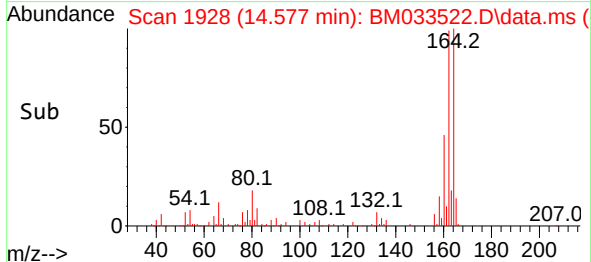
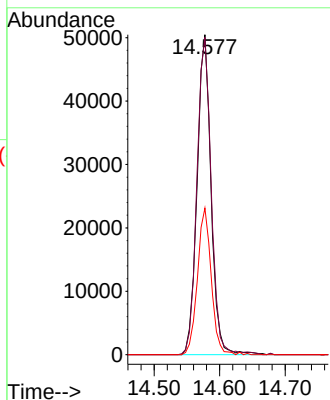
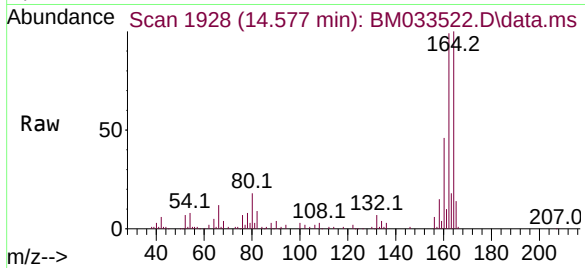




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

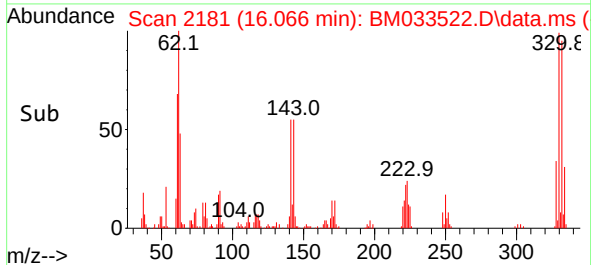
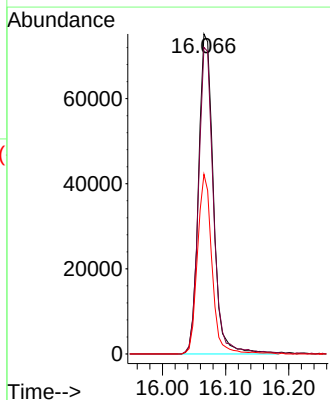
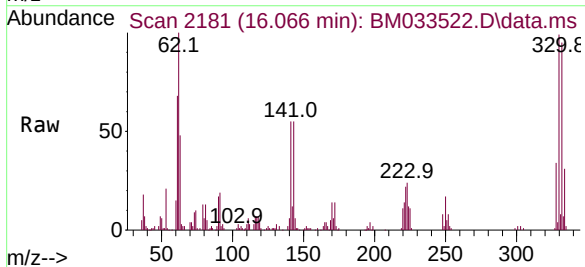
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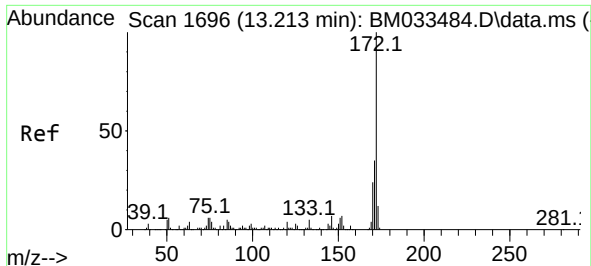
Tgt Ion:164 Resp: 74772
Ion Ratio Lower Upper
164 100
162 99.1 79.7 119.5
160 45.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 145.900 ng
RT: 16.066 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

Tgt Ion:330 Resp: 122717
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 54.7 35.9 53.9#

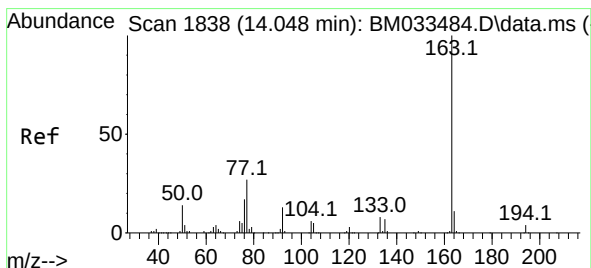
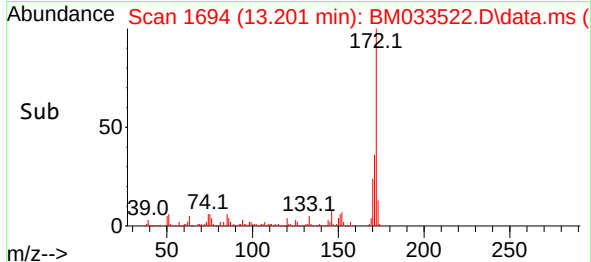
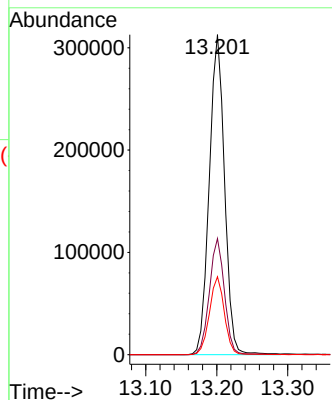
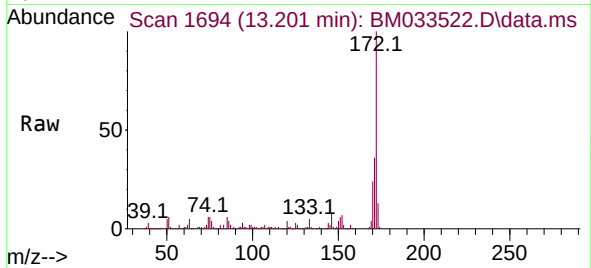




#45
2-Fluorobiphenyl
Concen: 86.617 ng
RT: 13.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

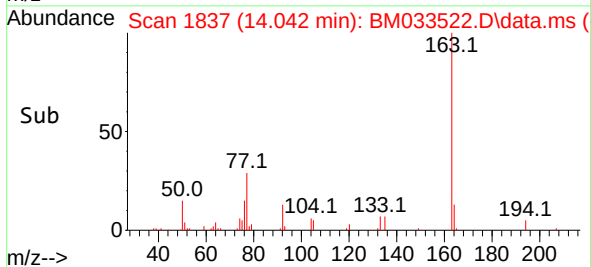
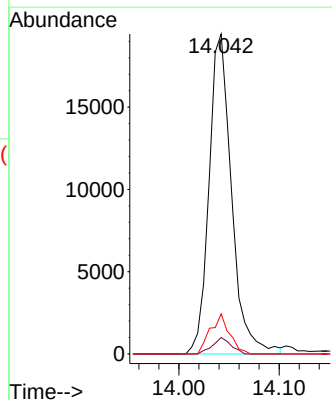
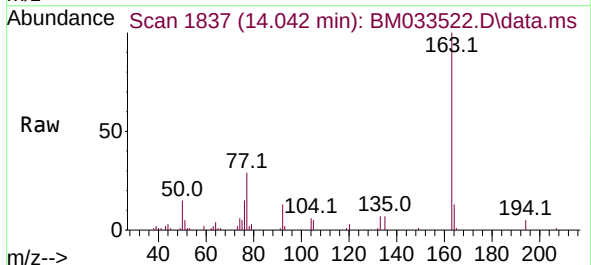
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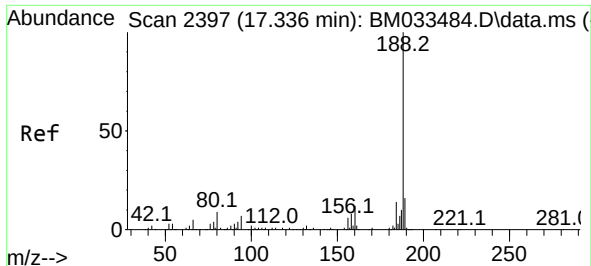
Tgt Ion:172 Resp: 468194
Ion Ratio Lower Upper
172 100
171 36.3 27.2 40.8
170 24.3 18.7 28.1



#50
Dimethylphthalate
Concen: 5.379 ng
RT: 14.042 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

Tgt Ion:163 Resp: 30467
Ion Ratio Lower Upper
163 100
194 5.2 3.2 4.8#
164 12.5 8.6 12.8

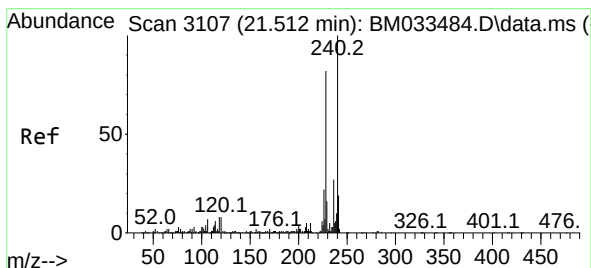
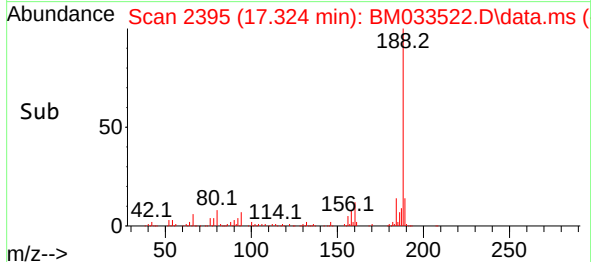
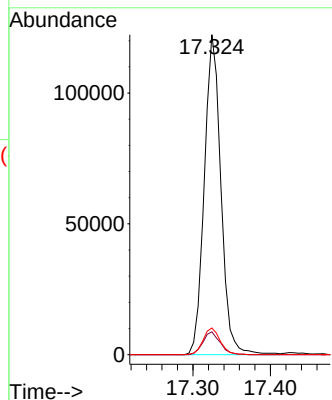
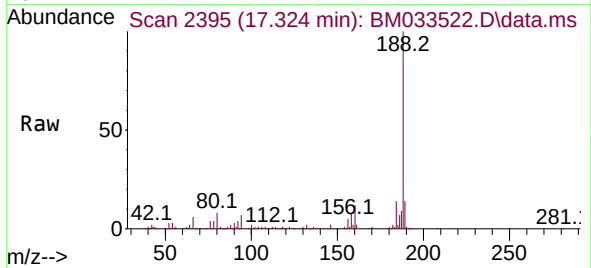




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

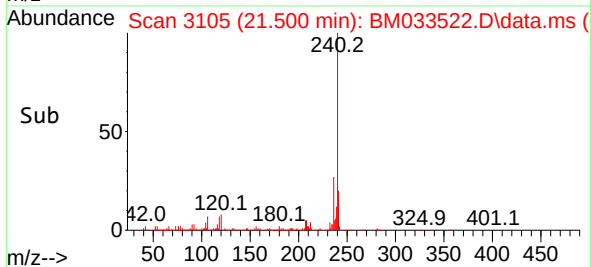
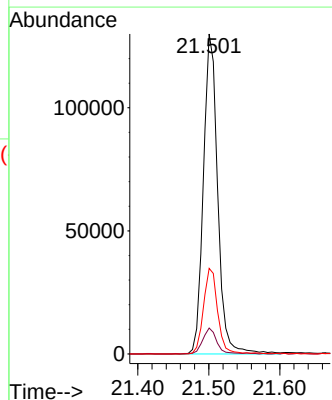
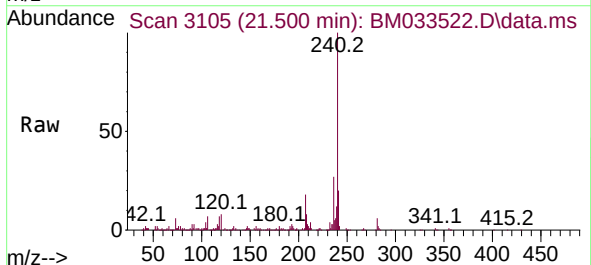
Instrument :
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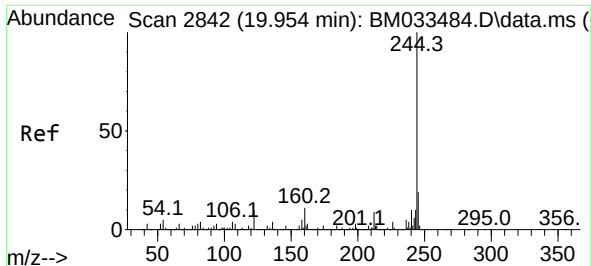
Tgt Ion:188 Resp: 182269
Ion Ratio Lower Upper
188 100
94 7.2 7.5 11.3#
80 8.3 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM033522.D
Acq: 18 Dec 2021 17:01

Tgt Ion:240 Resp: 182731
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 26.8 20.3 30.5

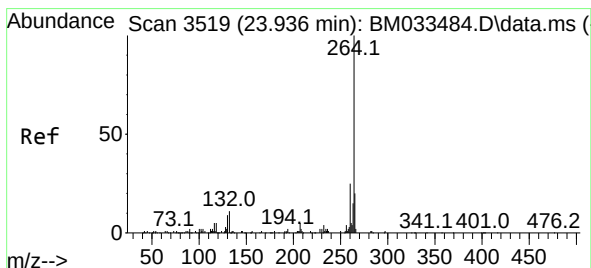
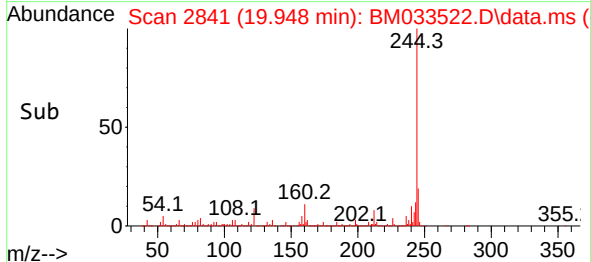
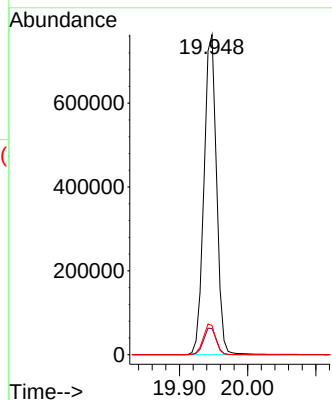
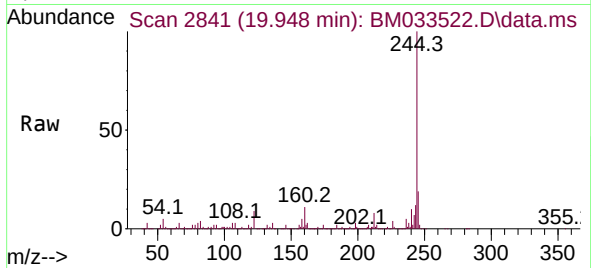




#79
 Terphenyl-d14
 Concen: 84.397 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033522.D
 Acq: 18 Dec 2021 17:01

Instrument :
 BNA_M
 ClientSampleId :
 CS-3RE

Tgt Ion:244 Resp: 979582
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 9.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.024 min
 Lab File: BM033522.D
 Acq: 18 Dec 2021 17:01

Tgt Ion:264 Resp: 136048
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.7 26.5
 265 24.0 17.7 26.5

