

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033525.D
 Acq On : 18 Dec 2021 18:50
 Operator : CG/JU
 Sample : M5115-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 07:08:39 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)

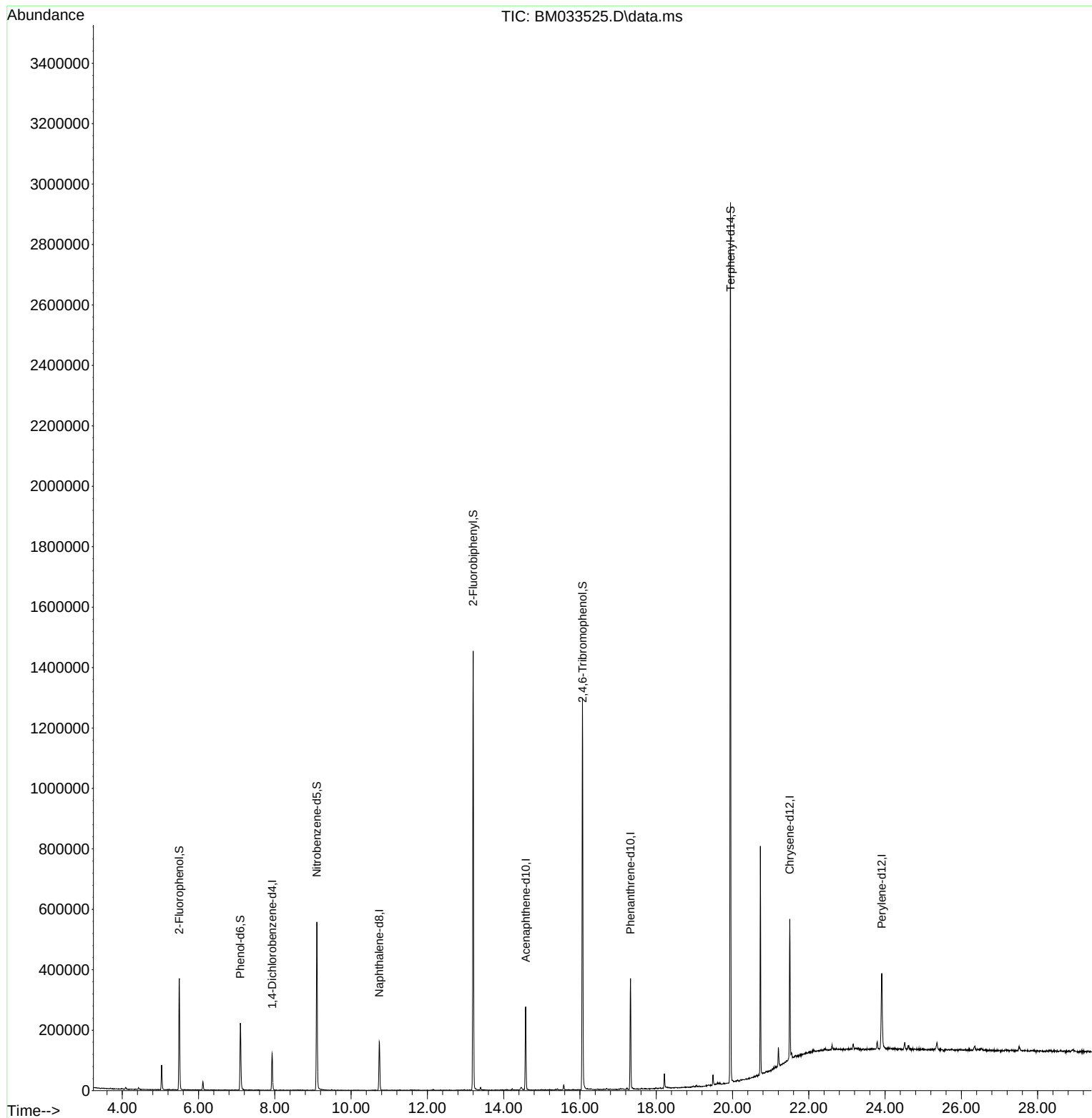
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	28116	20.000	ng	-0.01
21) Naphthalene-d8	10.736	136	118001	20.000	ng	#-0.02
39) Acenaphthene-d10	14.577	164	88216	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	205661	20.000	ng	#-0.01
76) Chrysene-d12	21.500	240	213139	20.000	ng	-0.01
86) Perylene-d12	23.912	264	192206	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	125413	76.969	ng	0.00
7) Phenol-d6	7.096	99	102814	47.019	ng	-0.02
23) Nitrobenzene-d5	9.101	82	293257	106.709	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	171144	172.466	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	635536	99.658	ng	-0.01
79) Terphenyl-d14	19.948	244	1212129	89.533	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	140	Below Cal	#	17
9) Benzaldehyde	7.096	77	248	Below Cal	#	7

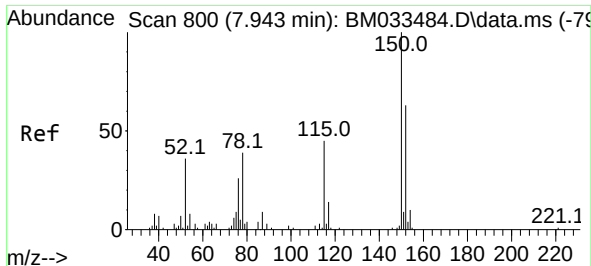
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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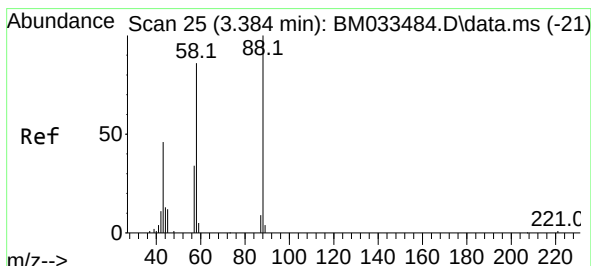
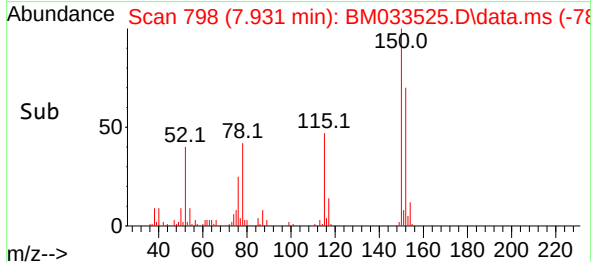
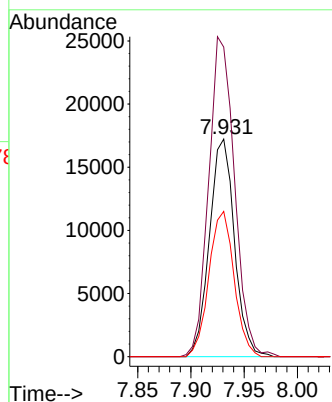
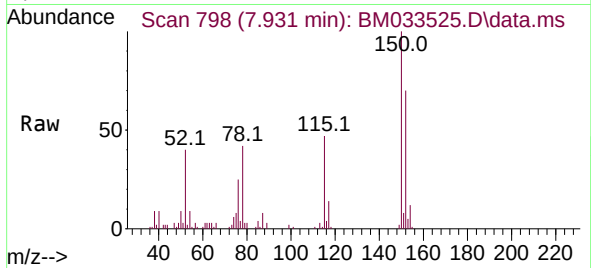




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

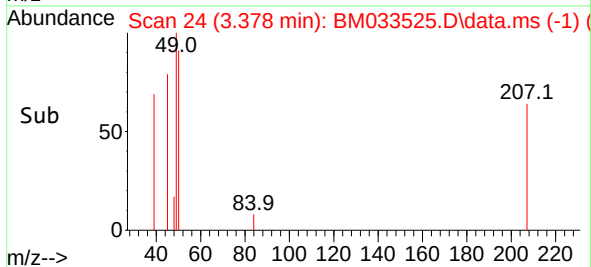
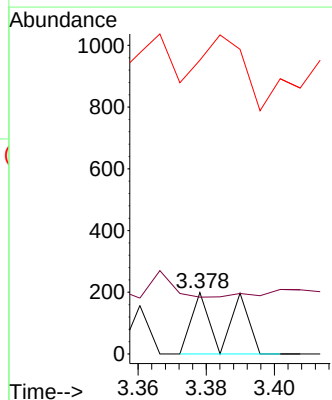
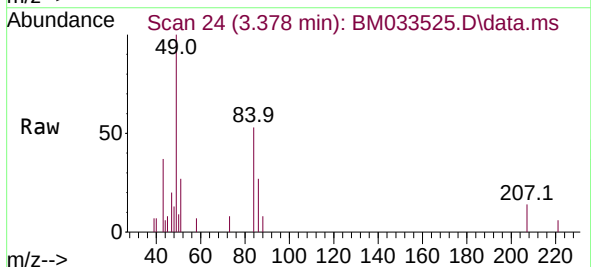
Instrument :
BNA_M
ClientSampleId :

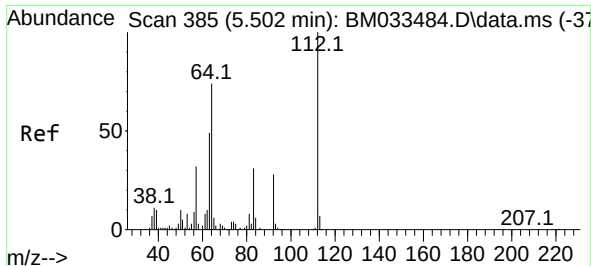
Tgt Ion:152 Resp: 28116
Ion Ratio Lower Upper
152 100
150 142.2 128.9 193.3
115 66.7 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.378 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

Tgt Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
58 0.0 67.0 100.4#
43 0.0 31.6 47.4#

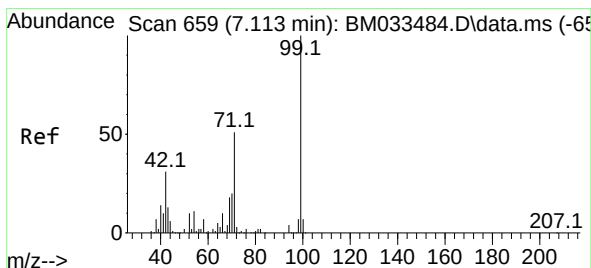
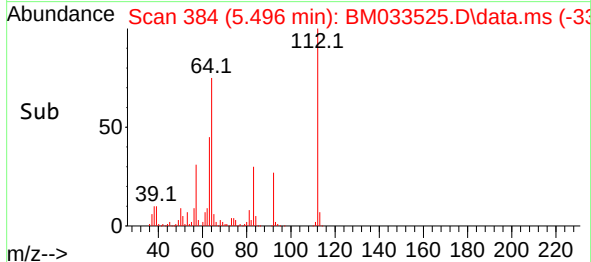
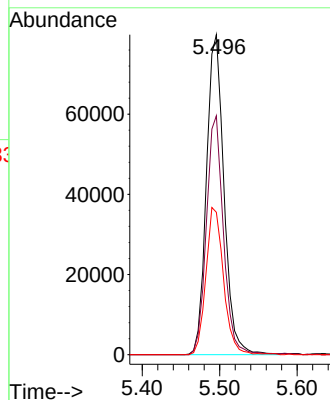
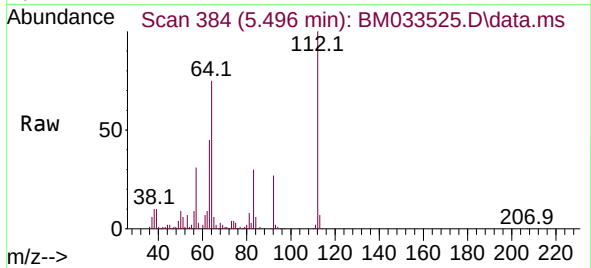




#5
2-Fluorophenol
Concen: 76.969 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

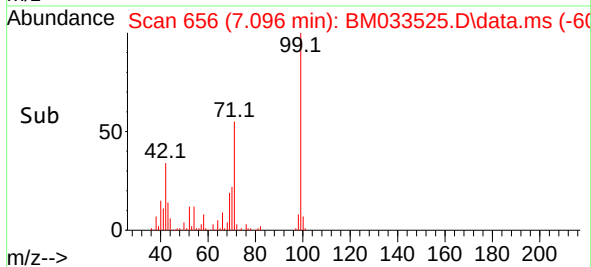
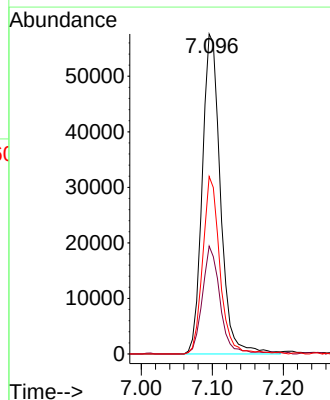
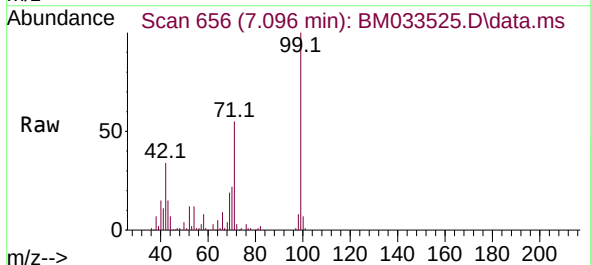
Instrument :
BNA_M
ClientSampleId :

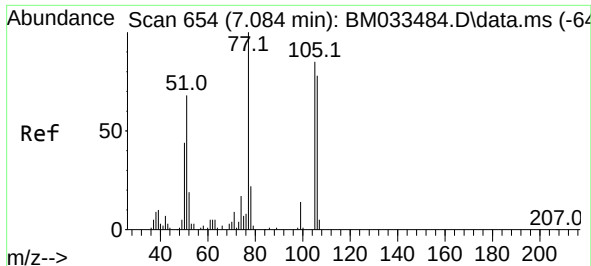
Tgt Ion:112 Resp: 125413
Ion Ratio Lower Upper
112 100
64 74.7 55.5 83.3
63 44.5 31.3 46.9



#7
Phenol-d6
Concen: 47.019 ng
RT: 7.096 min Scan# 656
Delta R.T. -0.017 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

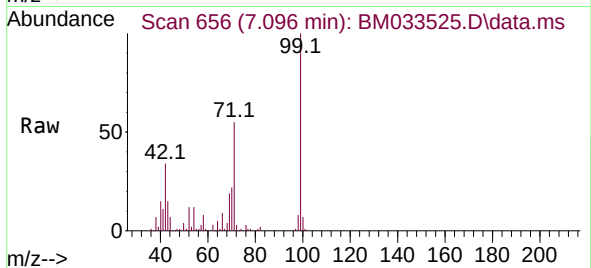
Tgt Ion: 99 Resp: 102814
Ion Ratio Lower Upper
99 100
42 33.7 20.3 30.5#
71 55.4 34.5 51.7#



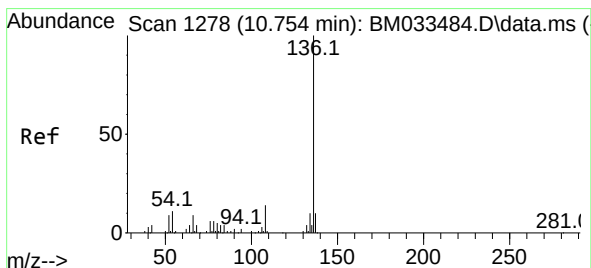
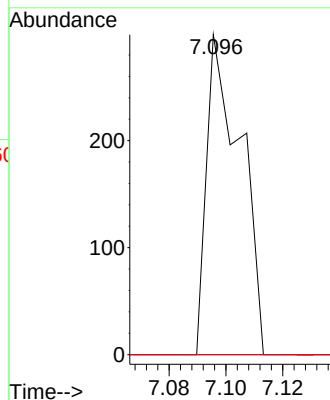
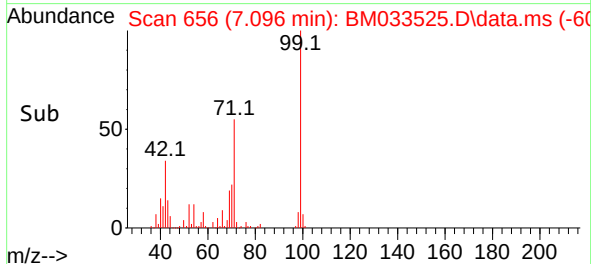


#9
Benzaldehyde
Concen: Below Cal
RT: 7.096 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

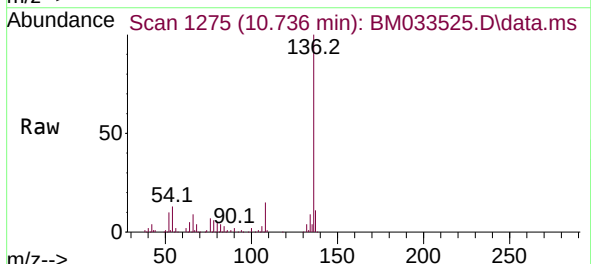
Instrument :
BNA_M
ClientSampleId :



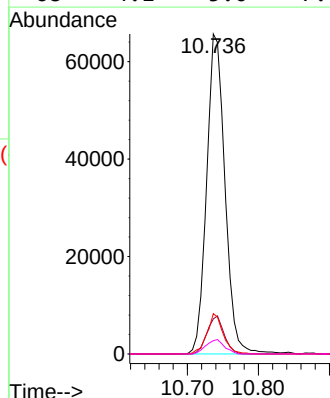
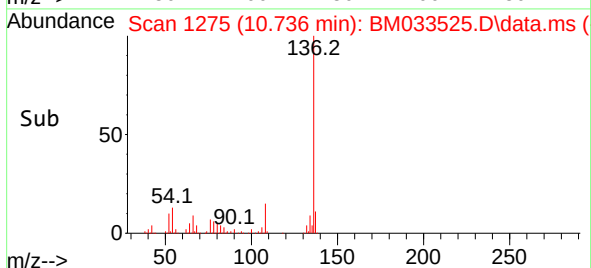
Tgt Ion: 77 Resp: 248
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

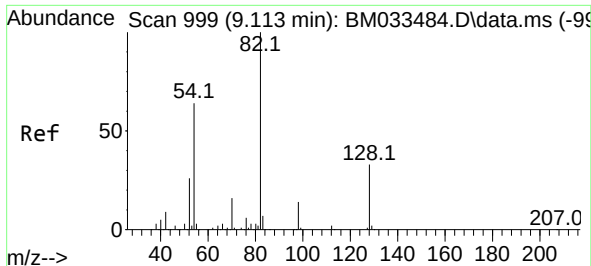


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1275
Delta R.T. -0.018 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50



Tgt Ion: 136 Resp: 118001
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.6 8.3 12.5#
68 4.1 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 106.709 ng

RT: 9.101 min Scan# 999

Delta R.T. -0.012 min

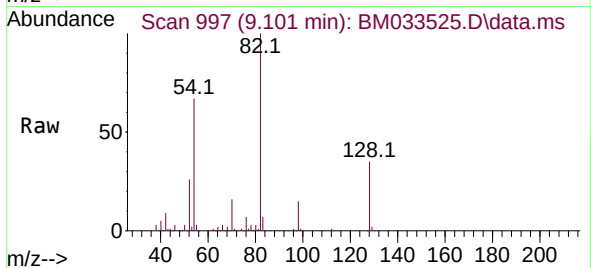
Lab File: BM033525.D

Acq: 18 Dec 2021 18:50

Instrument :

BNA_M

ClientSampleId :



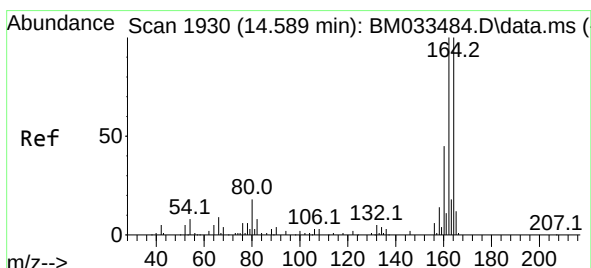
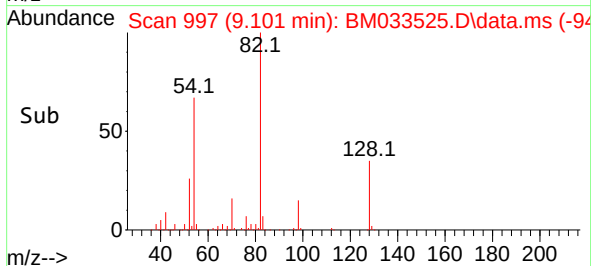
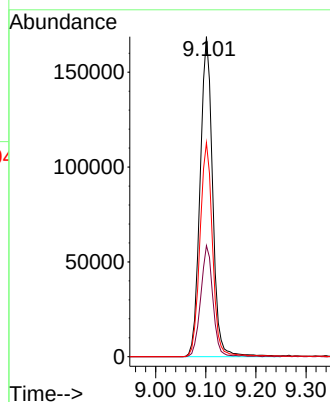
Tgt Ion: 82 Resp: 293257

Ion Ratio Lower Upper

82 100

128 34.7 28.1 42.1

54 66.9 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: BM033525.D

Acq: 18 Dec 2021 18:50

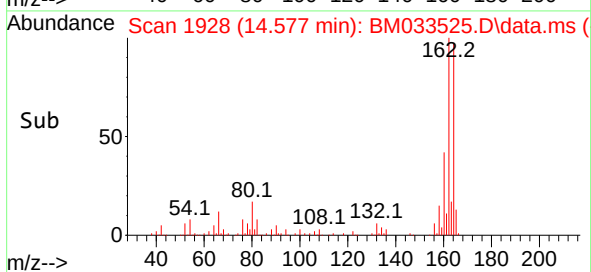
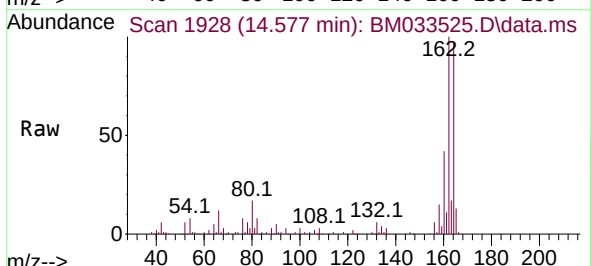
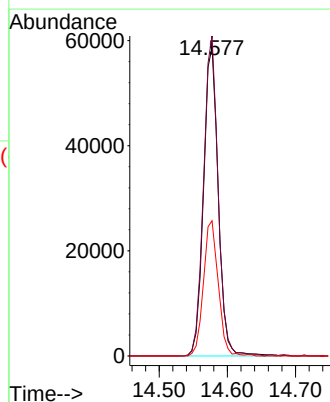
Tgt Ion: 164 Resp: 88216

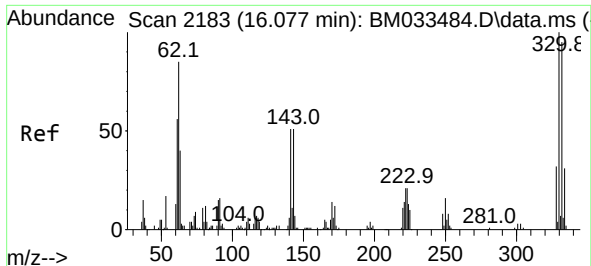
Ion Ratio Lower Upper

164 100

162 103.6 79.7 119.5

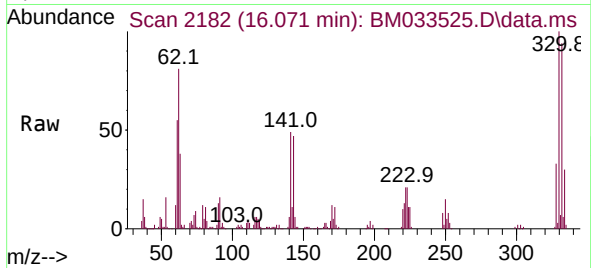
160 43.8 34.2 51.4



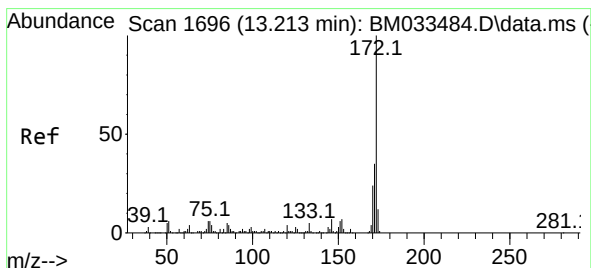
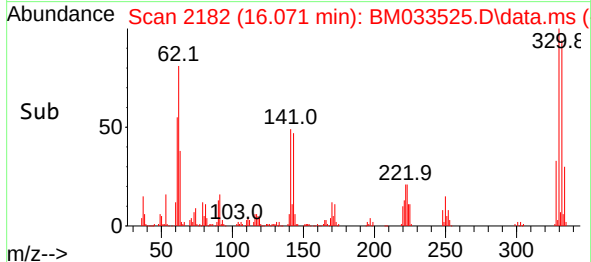
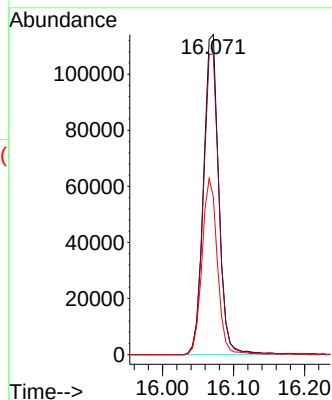


#42
2,4,6-Tribromophenol
Concen: 172.466 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

Instrument :
BNA_M
ClientSampleId :

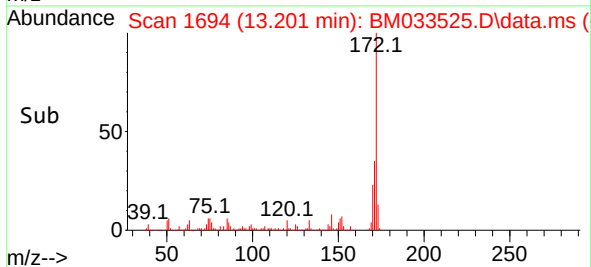
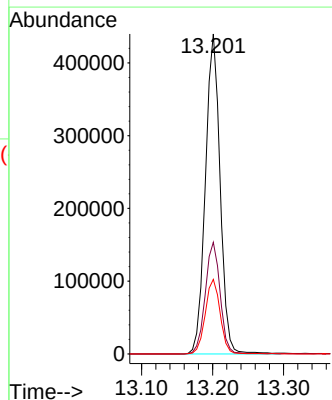
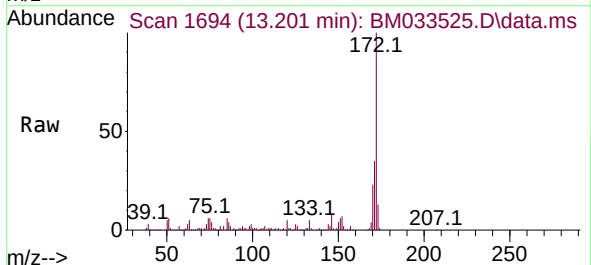


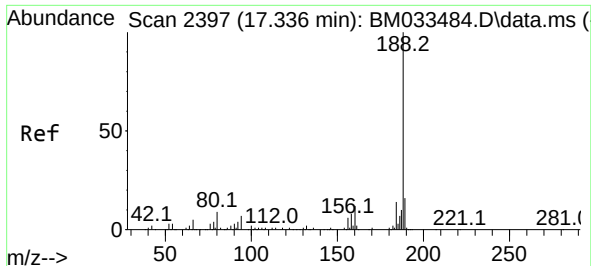
Tgt Ion:330 Resp: 171144
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 55.6 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 99.658 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

Tgt Ion:172 Resp: 635536
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 23.3 18.7 28.1

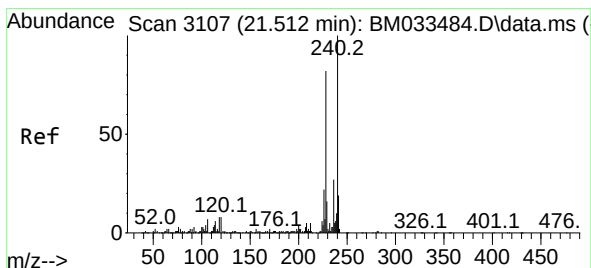
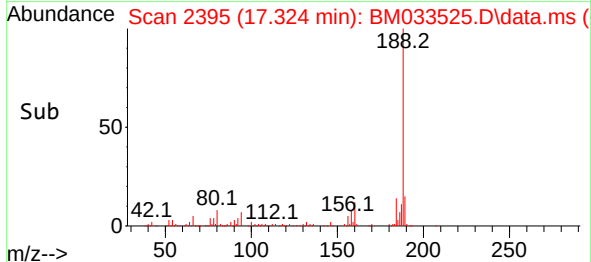
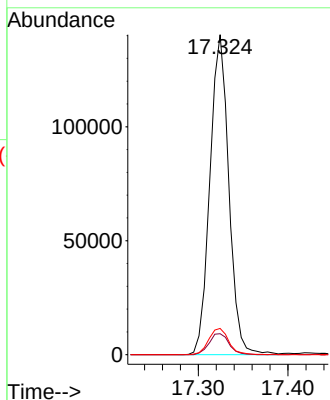
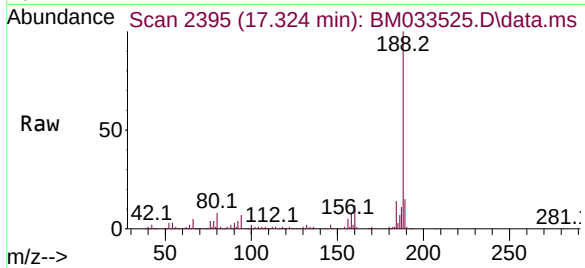




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

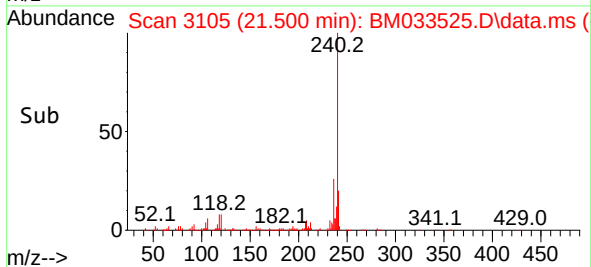
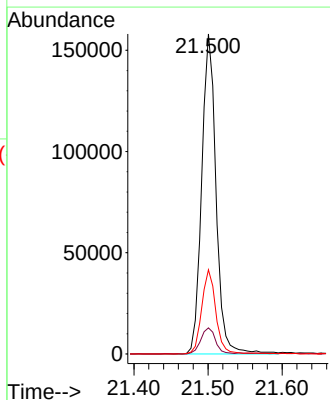
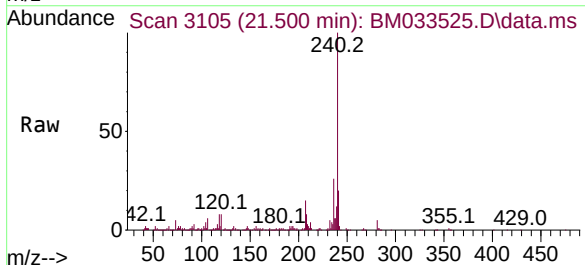
Instrument :
BNA_M
ClientSampleId :

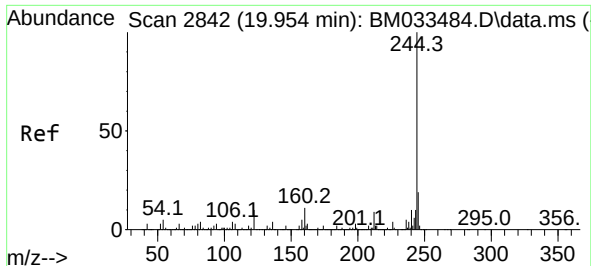
Tgt Ion:188 Resp: 205661
Ion Ratio Lower Upper
188 100
94 6.6 7.5 11.3#
80 8.2 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM033525.D
Acq: 18 Dec 2021 18:50

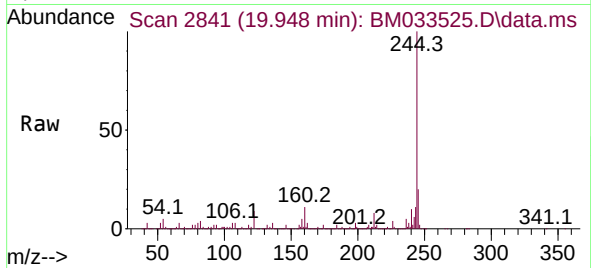
Tgt Ion:240 Resp: 213139
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 26.3 20.3 30.5



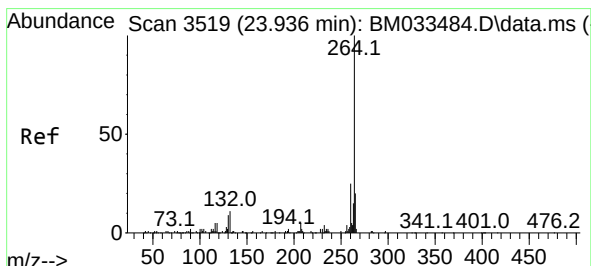
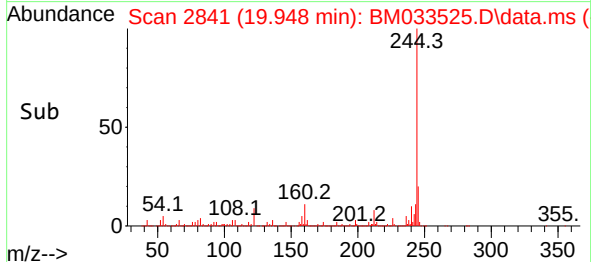
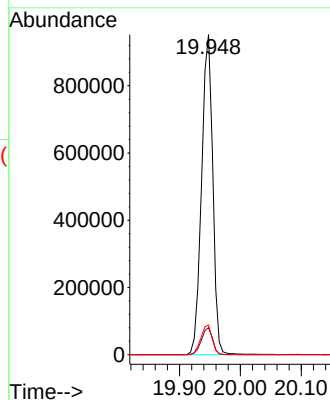


#79
 Terphenyl-d14
 Concen: 89.533 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033525.D
 Acq: 18 Dec 2021 18:50

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 1212129
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.9 8.9
 122 9.3 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: BM033525.D
 Acq: 18 Dec 2021 18:50

Tgt Ion:264 Resp: 192206
 Ion Ratio Lower Upper
 264 100
 260 26.0 17.7 26.5
 265 23.9 17.7 26.5

