

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033521.D
 Acq On : 18 Dec 2021 16:25
 Operator : CG/JU
 Sample : M5067-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 07:07:54 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)

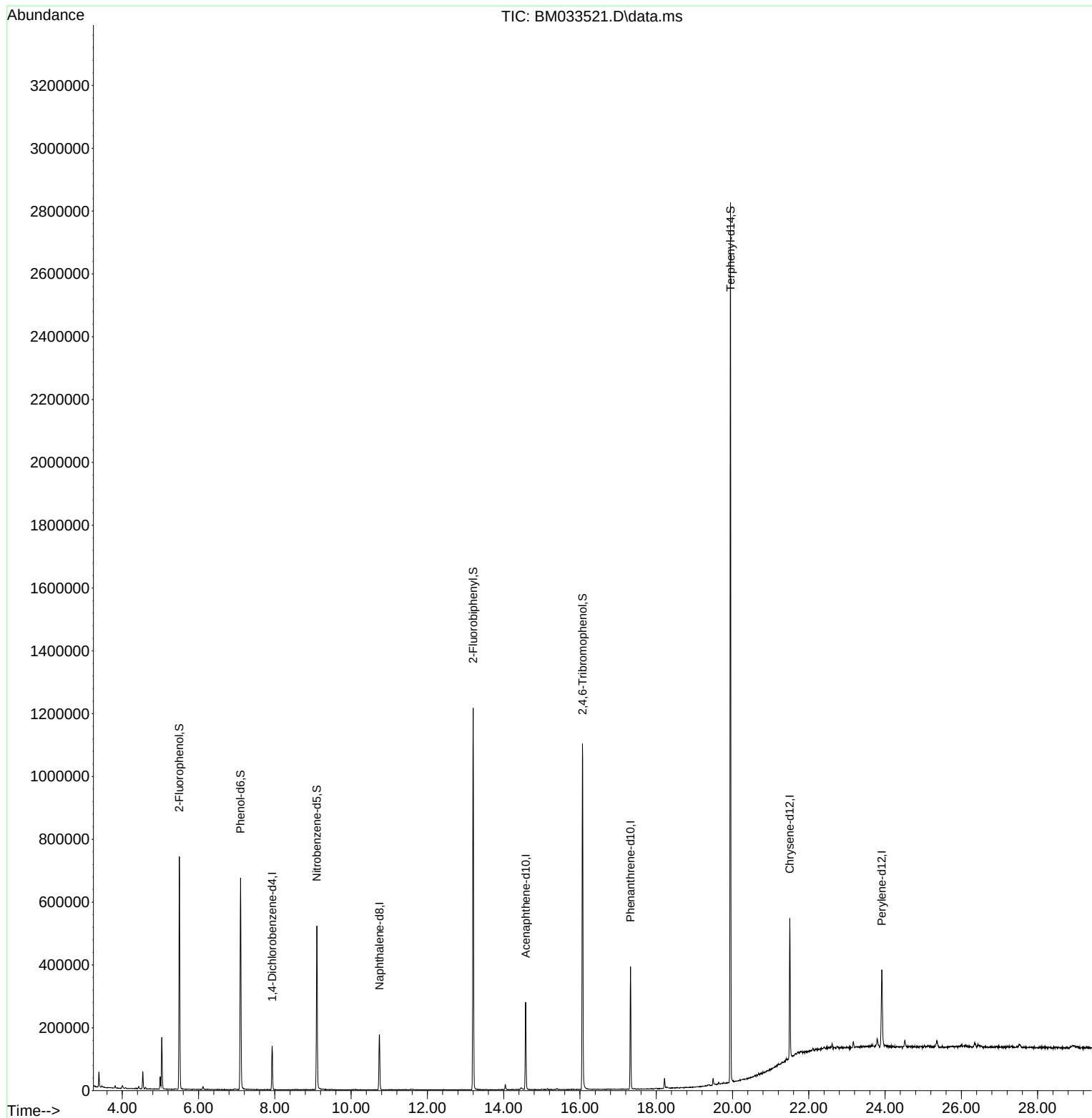
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	31437	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	128473	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	89703	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	212899	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	213716	20.000	ng	-0.01
86) Perylene-d12	23.912	264	195474	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	245384	134.688	ng	0.00
7) Phenol-d6	7.101	99	296272	121.178	ng	-0.01
23) Nitrobenzene-d5	9.101	82	276650	92.461	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	158425	157.002	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	550660	84.917	ng	-0.01
79) Terphenyl-d14	19.948	244	1140781	84.035	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.384	88	124	Below Cal	#	1
9) Benzaldehyde	7.107	77	628	Below Cal	#	7

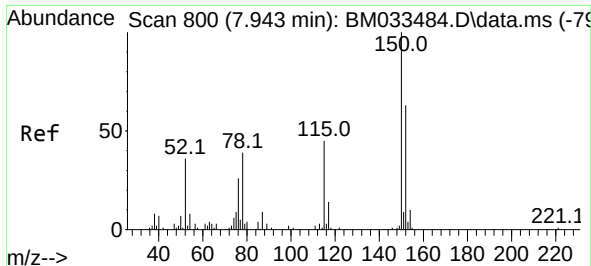
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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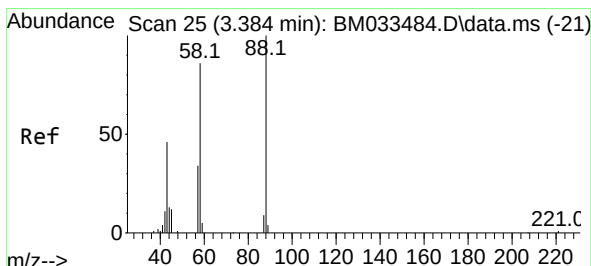
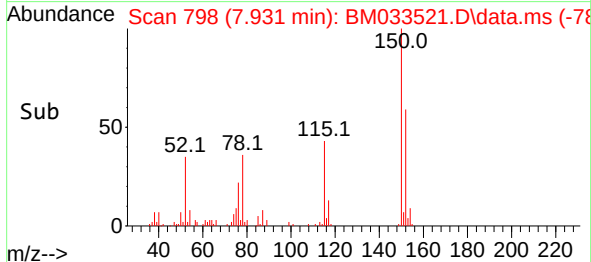
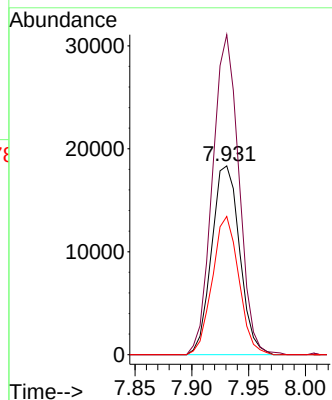
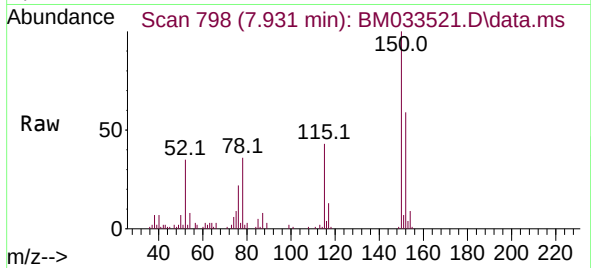




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.931 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM033521.D
 Acq: 18 Dec 2021 16:25

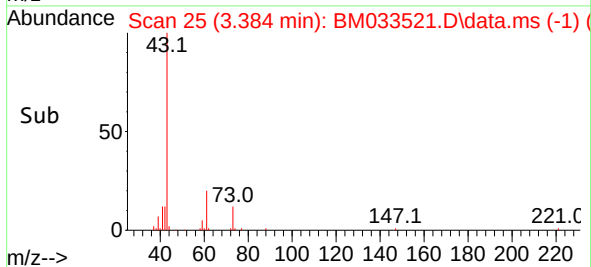
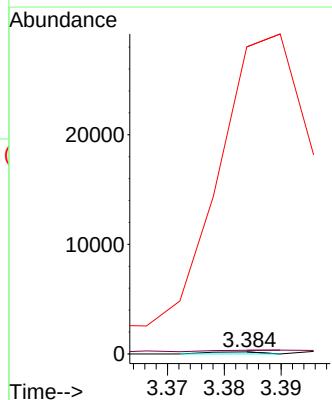
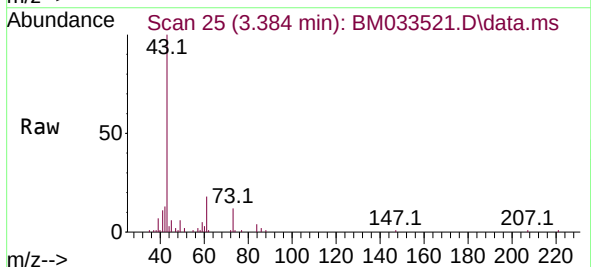
Instrument :
 BNA_M
 ClientSampleId :

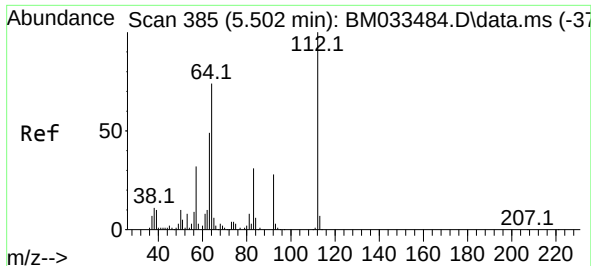
Tgt Ion:152 Resp: 31437
 Ion Ratio Lower Upper
 152 100
 150 169.4 128.9 193.3
 115 73.2 53.0 79.6



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.384 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM033521.D
 Acq: 18 Dec 2021 16:25

Tgt Ion: 88 Resp: 124
 Ion Ratio Lower Upper
 88 100
 58 294.4 67.0 100.4#
 43 28667.7 31.6 47.4#

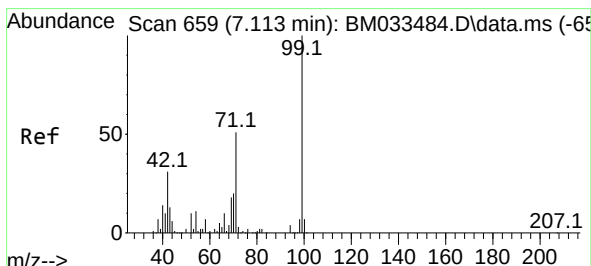
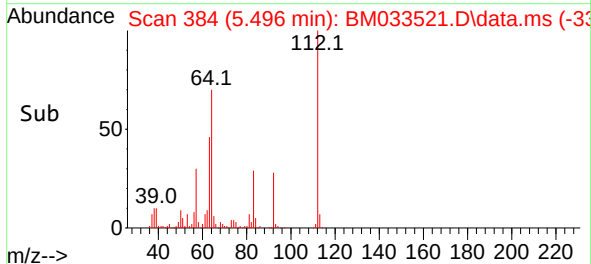
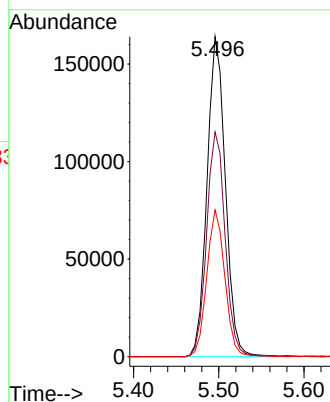
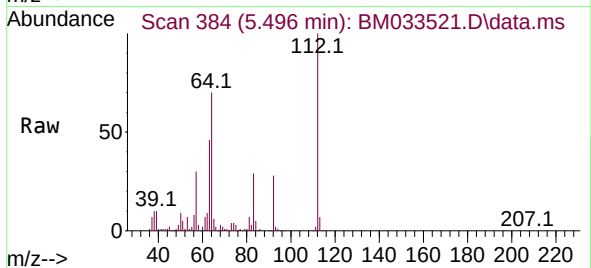




#5
2-Fluorophenol
Concen: 134.688 ng
RT: 5.496 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

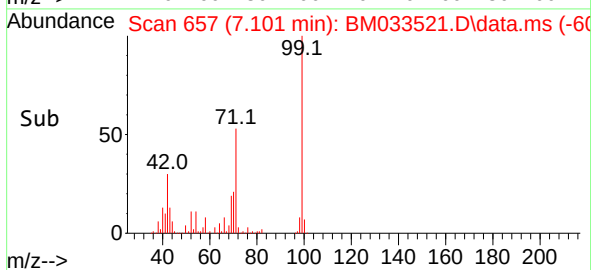
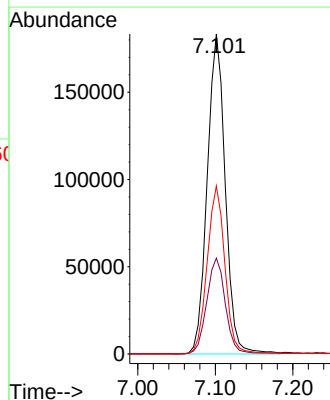
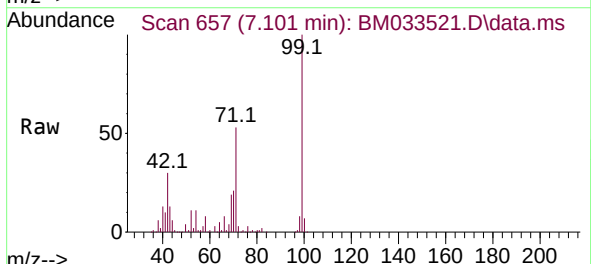
Instrument :
BNA_M
ClientSampleId :

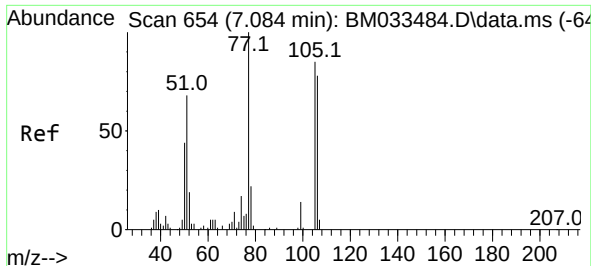
Tgt Ion:112 Resp: 245384
Ion Ratio Lower Upper
112 100
64 70.2 55.5 83.3
63 45.9 31.3 46.9



#7
Phenol-d6
Concen: 121.178 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

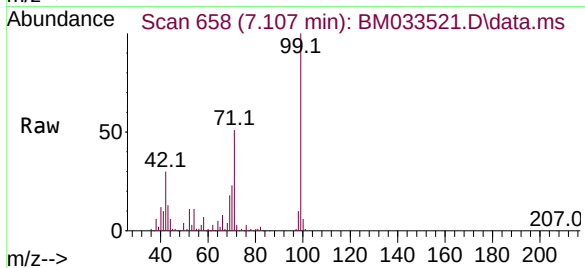
Tgt Ion: 99 Resp: 296272
Ion Ratio Lower Upper
99 100
42 30.0 20.3 30.5
71 52.5 34.5 51.7#



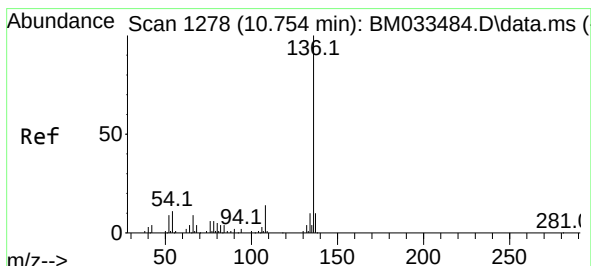
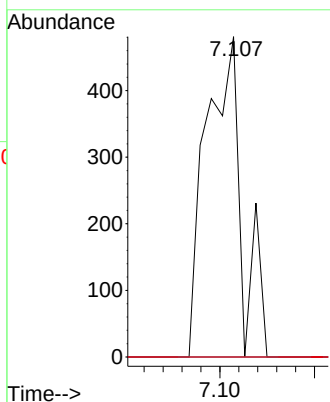
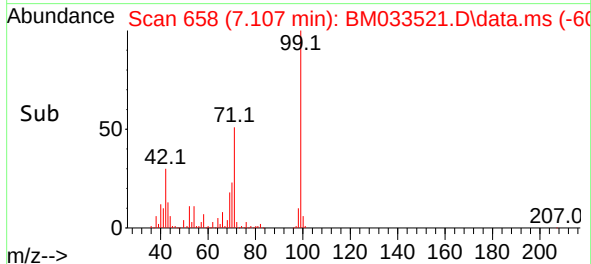


#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 61
Delta R.T. 0.023 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

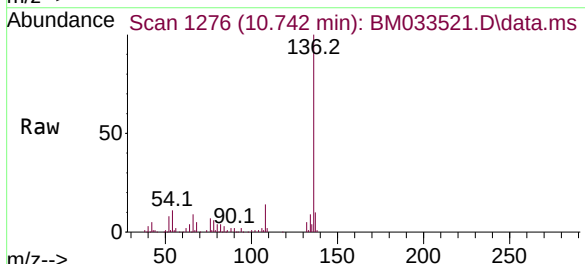
Instrument :
BNA_M
ClientSampleId :



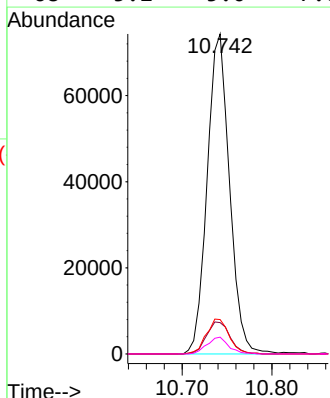
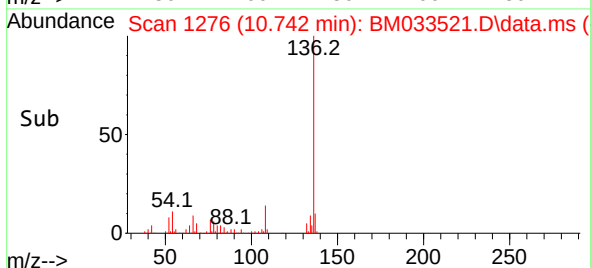
Tgt Ion: 77 Resp: 628
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

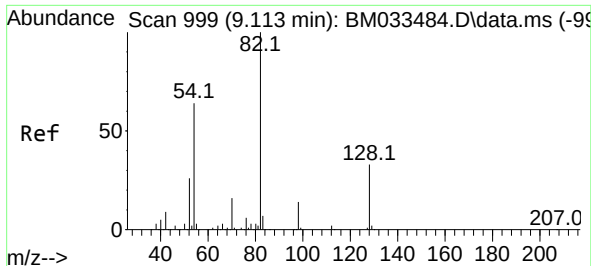


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25



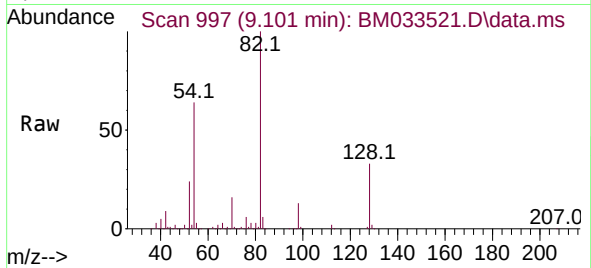
Tgt Ion: 136 Resp: 128473
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 10.8 8.3 12.5
68 5.2 5.0 7.6



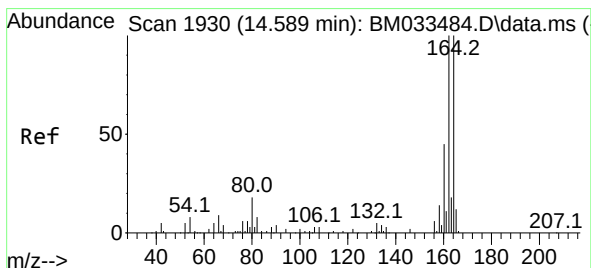
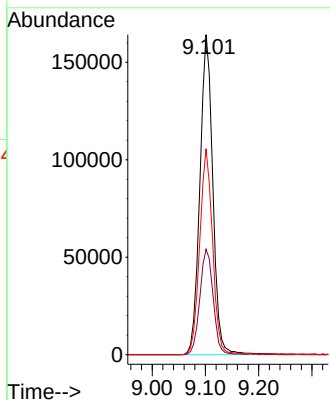
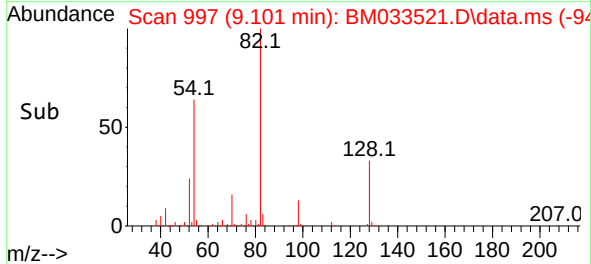


#23
Nitrobenzene-d5
Concen: 92.461 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

Instrument :
BNA_M
ClientSampleId :

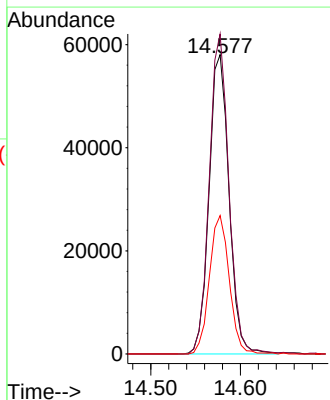
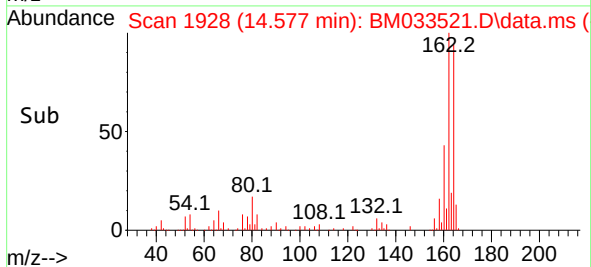
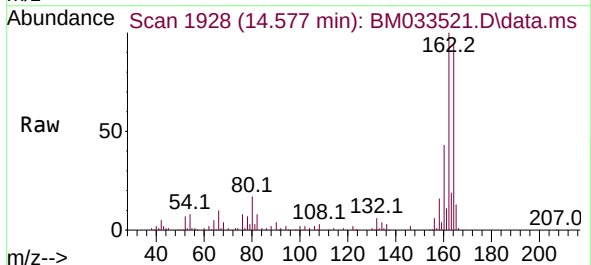


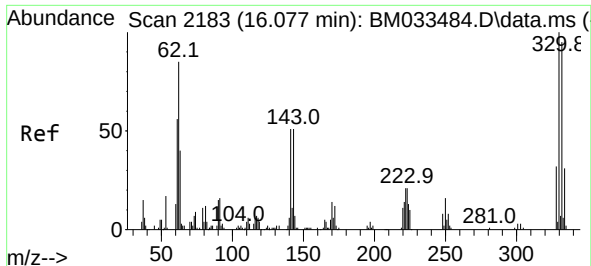
Tgt Ion: 82 Resp: 276650
Ion Ratio Lower Upper
82 100
128 33.0 28.1 42.1
54 64.4 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

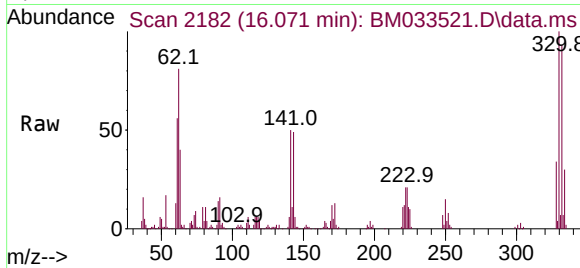
Tgt Ion: 164 Resp: 89703
Ion Ratio Lower Upper
164 100
162 106.9 79.7 119.5
160 46.2 34.2 51.4



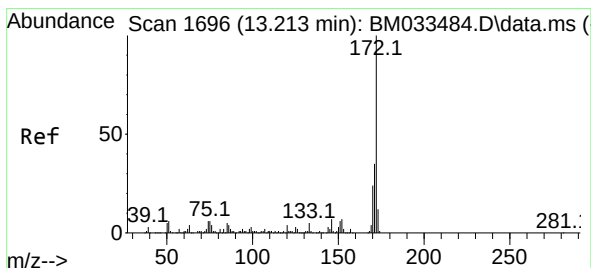
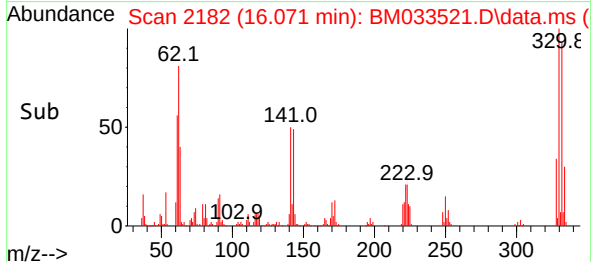
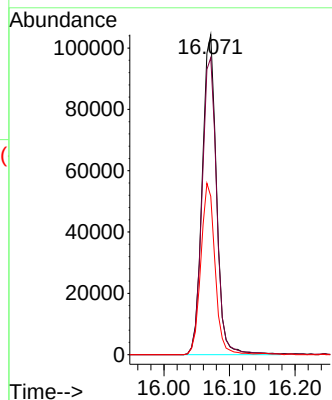


#42
2,4,6-Tribromophenol
Concen: 157.002 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

Instrument :
BNA_M
ClientSampleId :

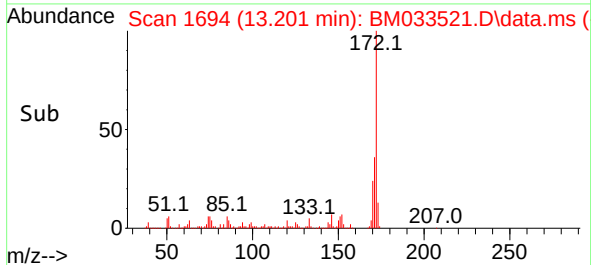
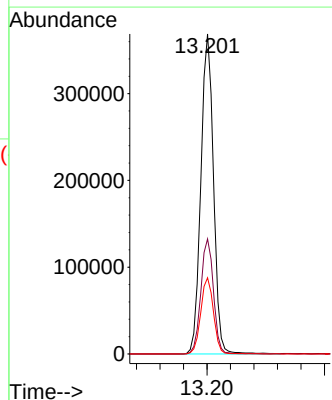
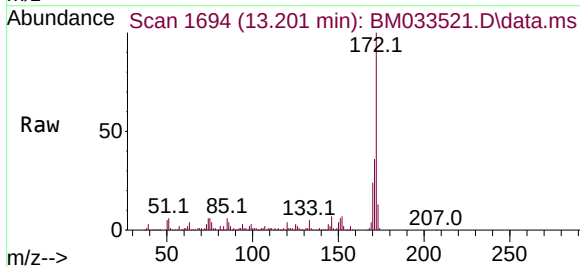


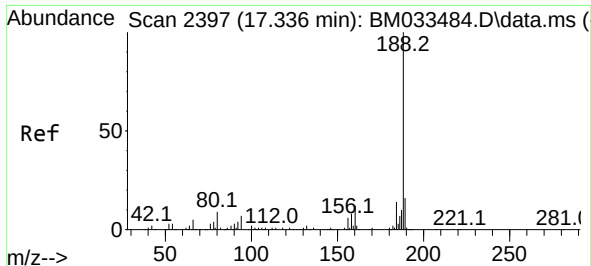
Tgt Ion:330 Resp: 158425
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 53.2 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 84.917 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

Tgt Ion:172 Resp: 550660
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.8 18.7 28.1

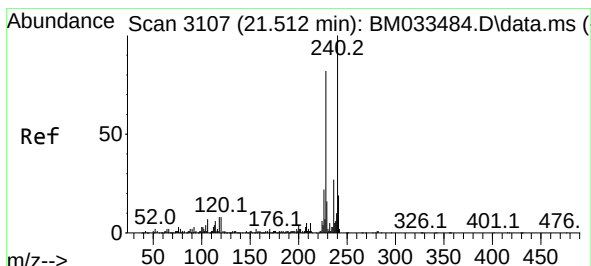
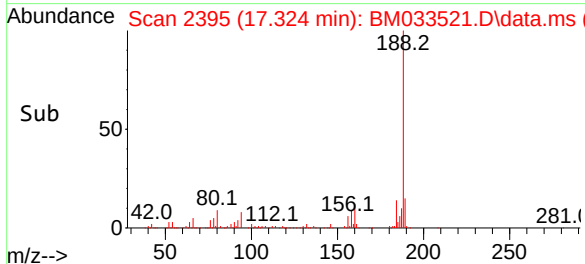
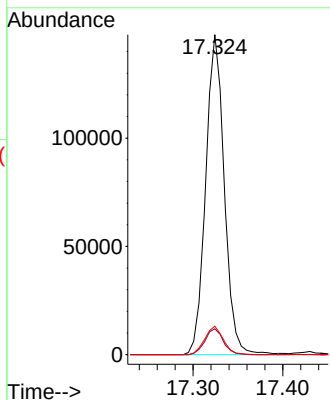
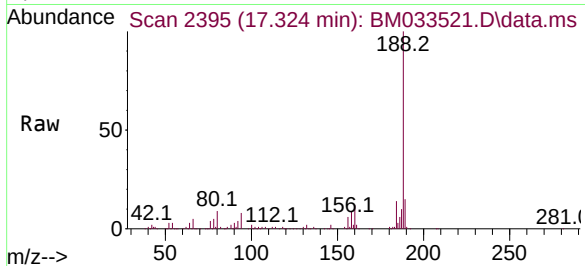




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

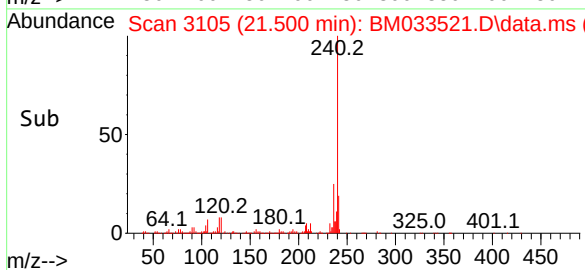
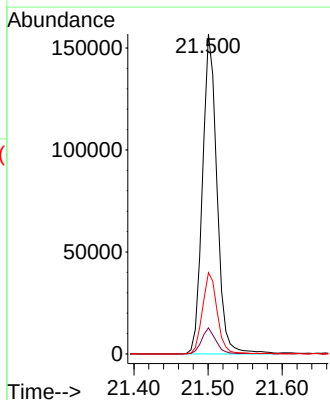
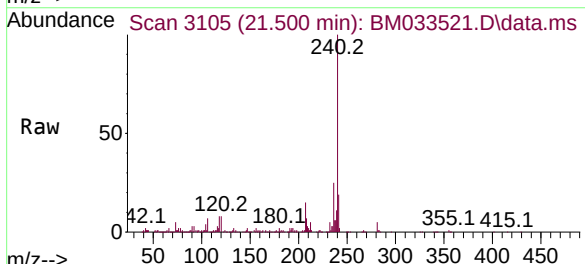
Instrument :
BNA_M
ClientSampleId :

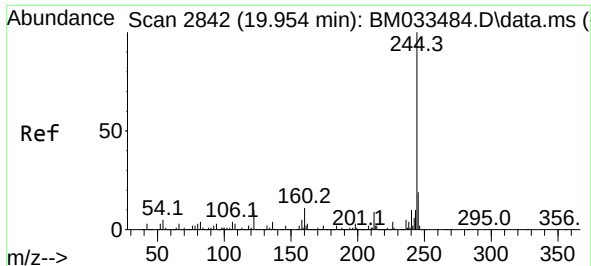
Tgt Ion:188 Resp: 212899
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM033521.D
Acq: 18 Dec 2021 16:25

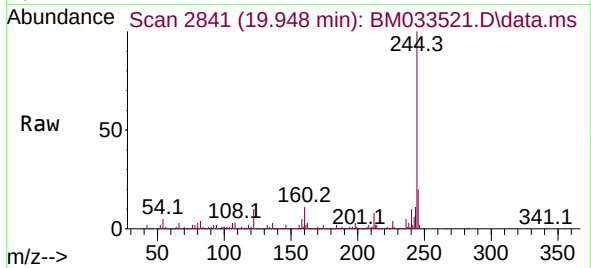
Tgt Ion:240 Resp: 213716
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 25.4 20.3 30.5



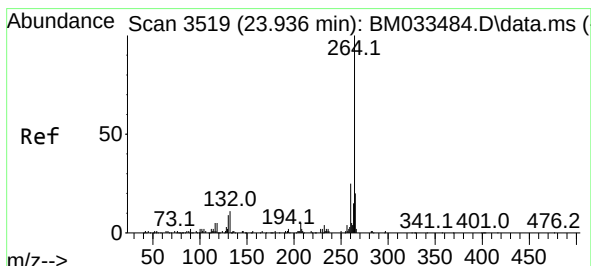
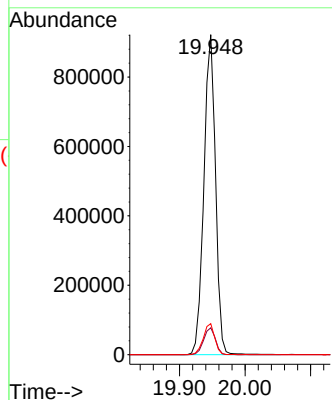
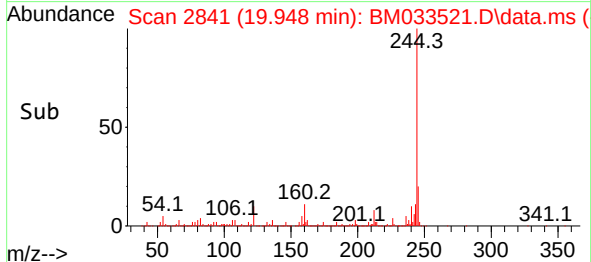


#79
 Terphenyl-d14
 Concen: 84.035 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033521.D
 Acq: 18 Dec 2021 16:25

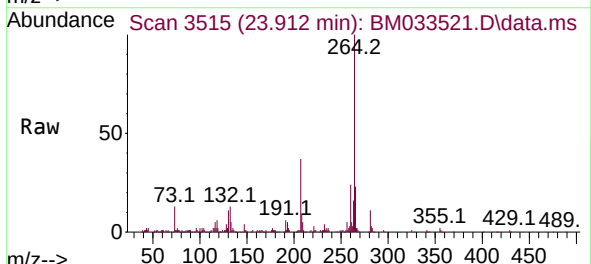
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 1140781
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.9 8.9
 122 9.7 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: BM033521.D
 Acq: 18 Dec 2021 16:25



Tgt Ion:264 Resp: 195474
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.7 26.5
 265 23.1 17.7 26.5

