

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033523.D
 Acq On : 18 Dec 2021 17:38
 Operator : CG/JU
 Sample : M5074-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 07:08:16 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)

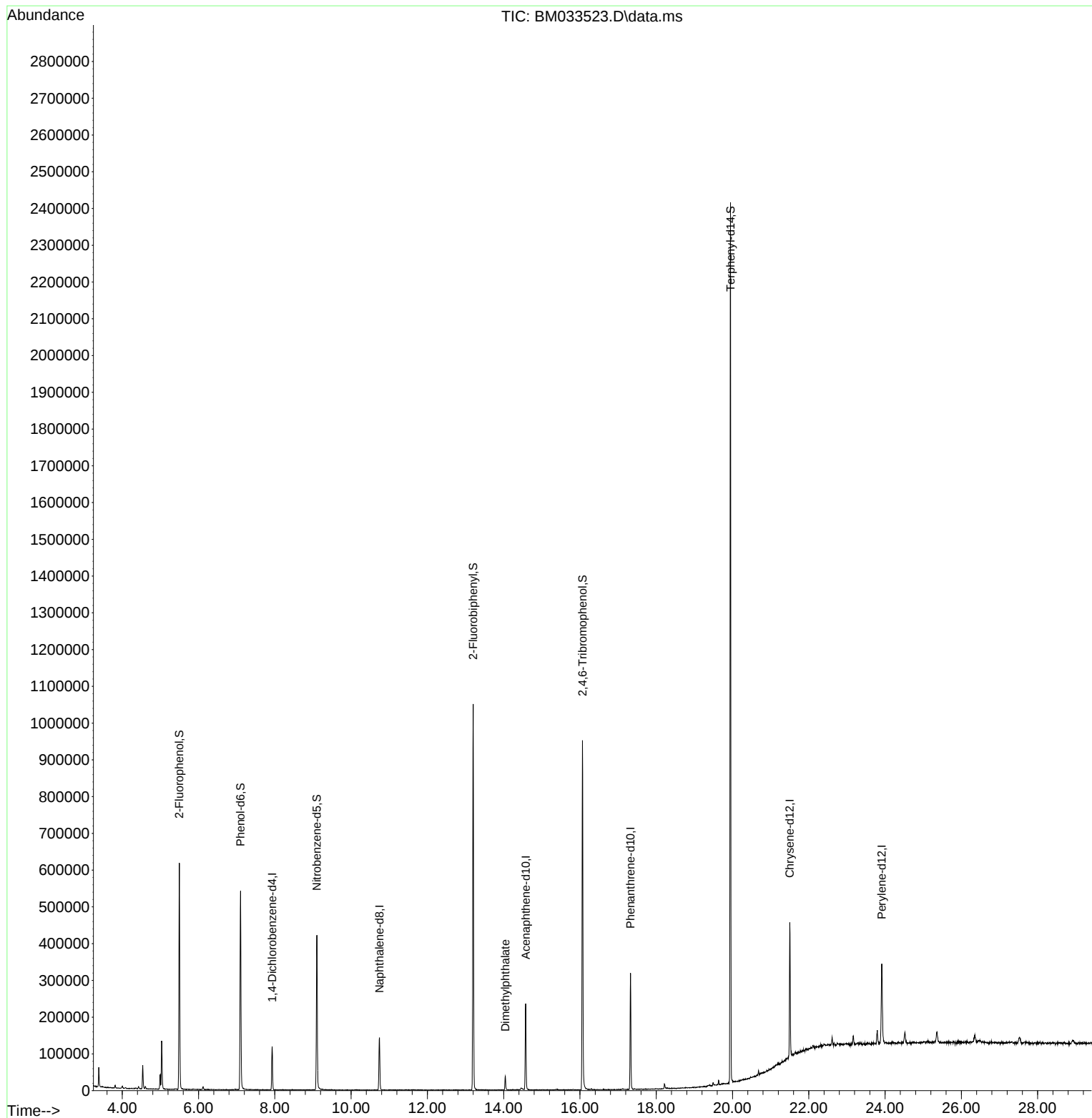
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	26388	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	104905	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	75724	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	180353	20.000	ng	#-0.01
76) Chrysene-d12	21.501	240	183464	20.000	ng	-0.01
86) Perylene-d12	23.912	264	171045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	197815	129.353	ng	0.00
7) Phenol-d6	7.102	99	237313	115.635	ng	-0.01
23) Nitrobenzene-d5	9.101	82	226443	92.683	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	130241	152.899	ng	-0.01
45) 2-Fluorobiphenyl	13.201	172	469884	85.837	ng	-0.01
79) Terphenyl-d14	19.948	244	999402	85.760	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.372	88	163	Below Cal	#	1
9) Benzaldehyde	7.102	77	635	Below Cal	#	7
50) Dimethylphthalate	14.042	163	22687	3.955	ng	# 96

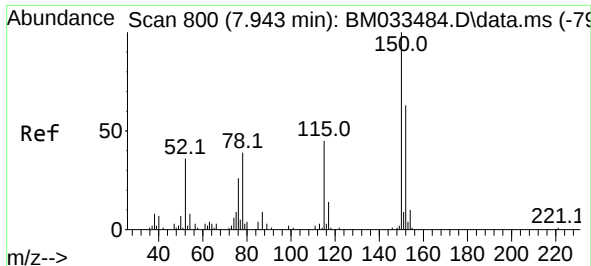
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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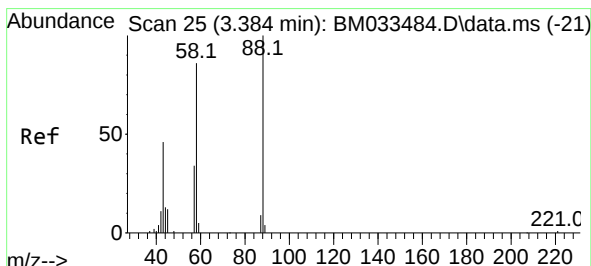
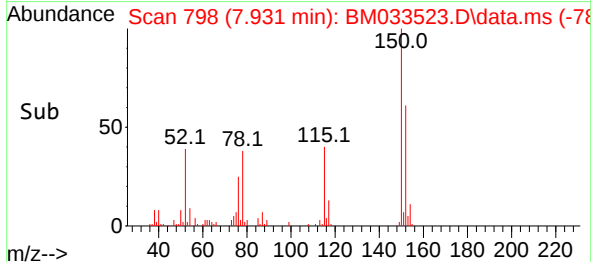
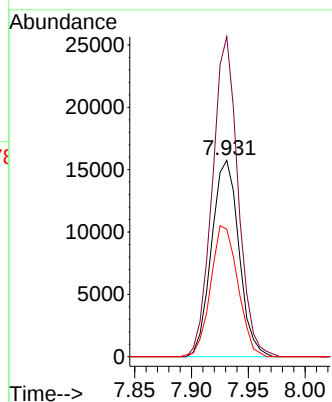
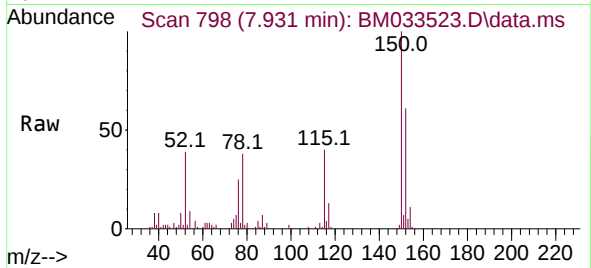




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

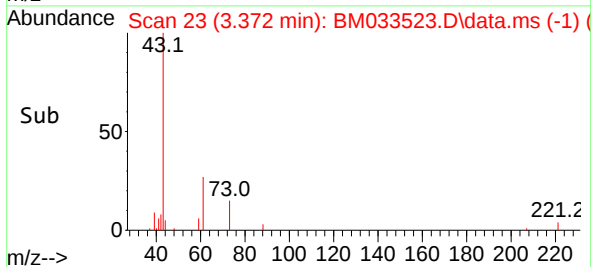
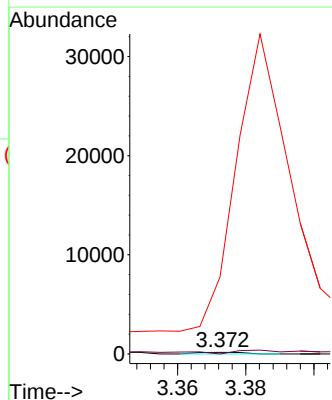
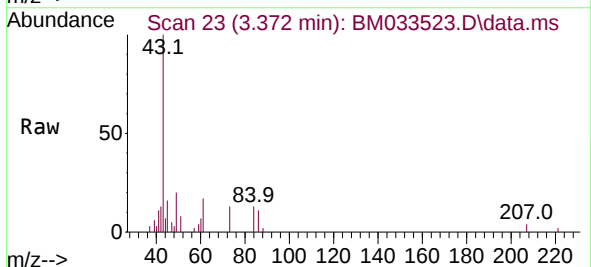
Instrument :
BNA_M
ClientSampleId :

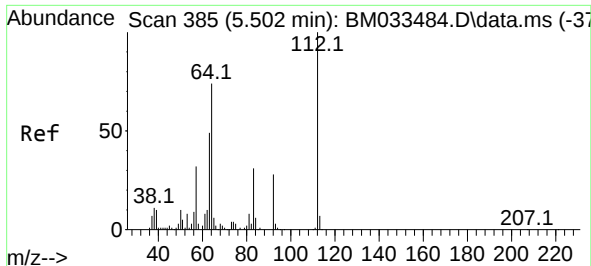
Tgt Ion:152 Resp: 26388
Ion Ratio Lower Upper
152 100
150 163.0 128.9 193.3
115 64.9 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.372 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

Tgt Ion: 88 Resp: 163
Ion Ratio Lower Upper
88 100
58 463.2 67.0 100.4#
43 22135.6 31.6 47.4#

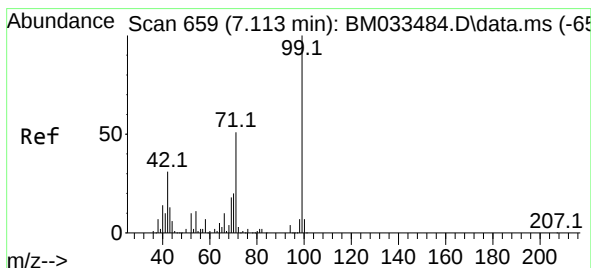
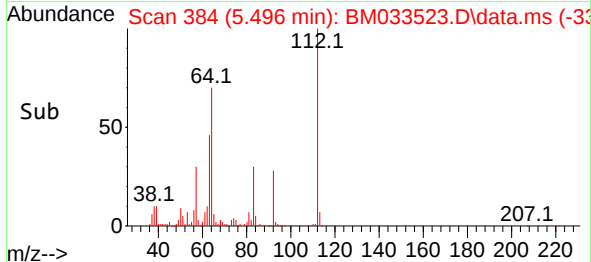
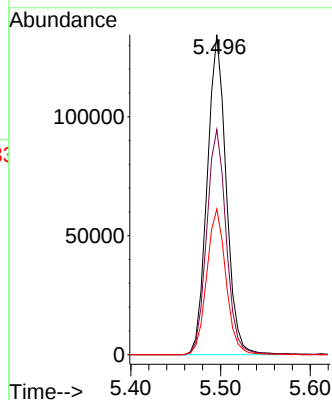
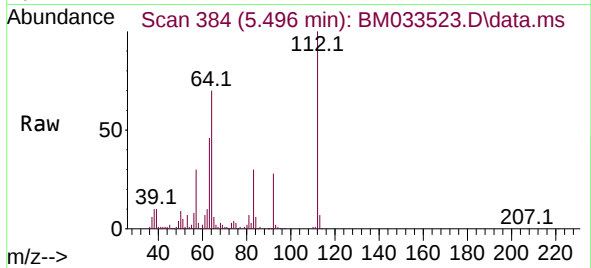




#5
2-Fluorophenol
Concen: 129.353 ng
RT: 5.496 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

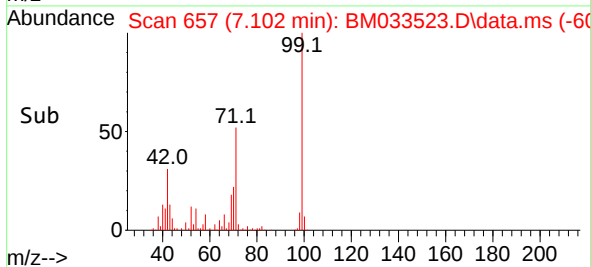
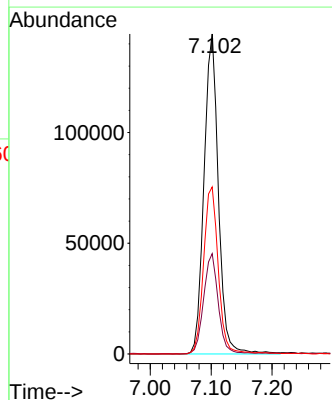
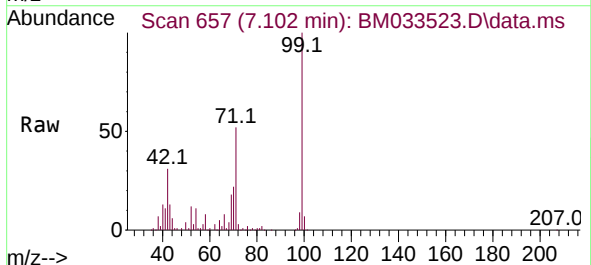
Instrument :
BNA_M
ClientSampleId :

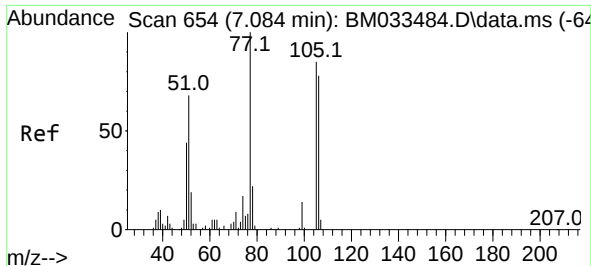
Tgt Ion:112 Resp: 197815
Ion Ratio Lower Upper
112 100
64 70.3 55.5 83.3
63 45.5 31.3 46.9



#7
Phenol-d6
Concen: 115.635 ng
RT: 7.102 min Scan# 657
Delta R.T. -0.011 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

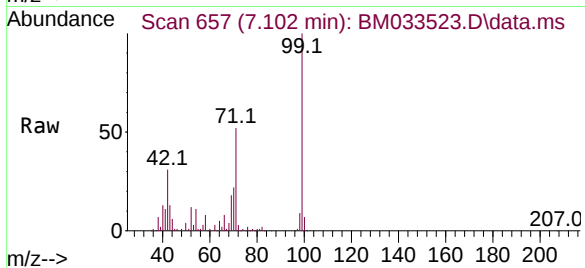
Tgt Ion: 99 Resp: 237313
Ion Ratio Lower Upper
99 100
42 31.3 20.3 30.5#
71 52.2 34.5 51.7#



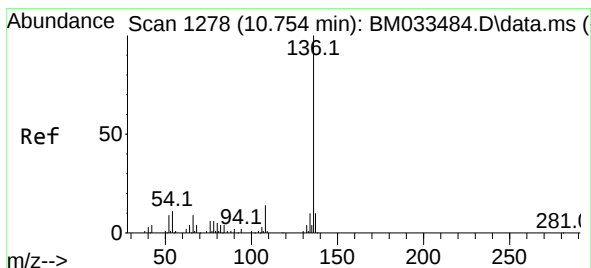
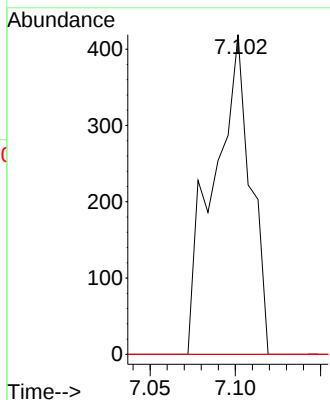
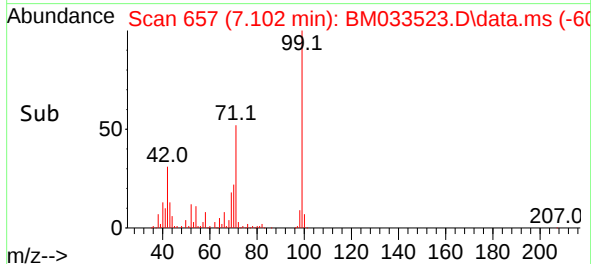


#9
Benzaldehyde
Concen: Below Cal
RT: 7.102 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

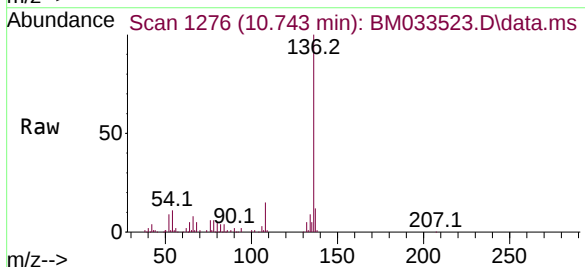
Instrument :
BNA_M
ClientSampleId :



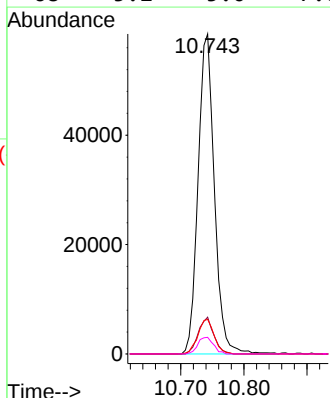
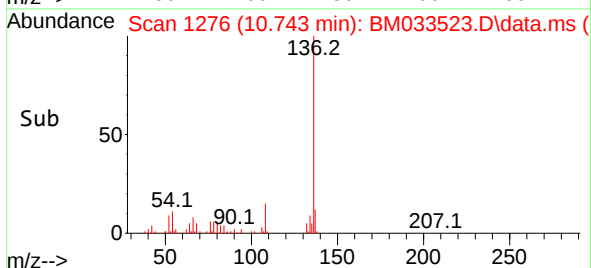
Tgt Ion: 77 Resp: 635
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

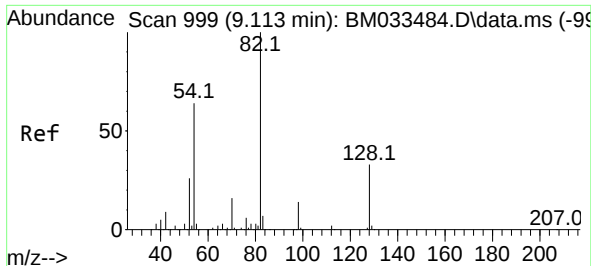


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38



Tgt Ion: 136 Resp: 104905
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.8 8.3 12.5
68 5.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 92.683 ng

RT: 9.101 min Scan# 999

Delta R.T. -0.012 min

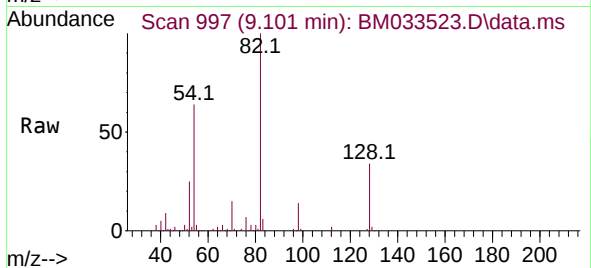
Lab File: BM033523.D

Acq: 18 Dec 2021 17:38

Instrument :

BNA_M

ClientSampleId :



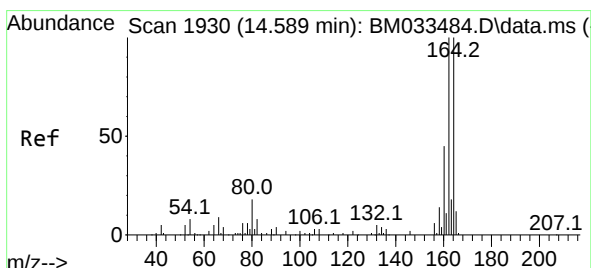
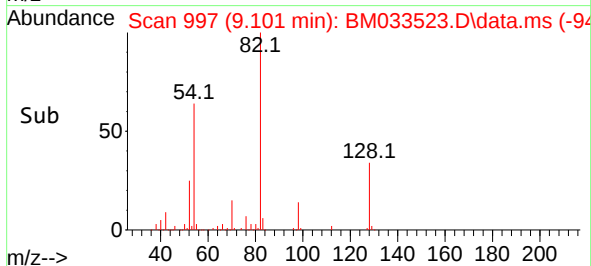
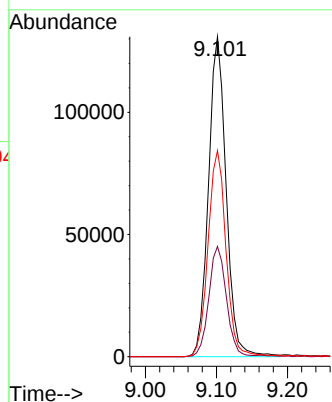
Tgt Ion: 82 Resp: 226443

Ion Ratio Lower Upper

82 100

128 34.5 28.1 42.1

54 64.4 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.578 min Scan# 1928

Delta R.T. -0.011 min

Lab File: BM033523.D

Acq: 18 Dec 2021 17:38

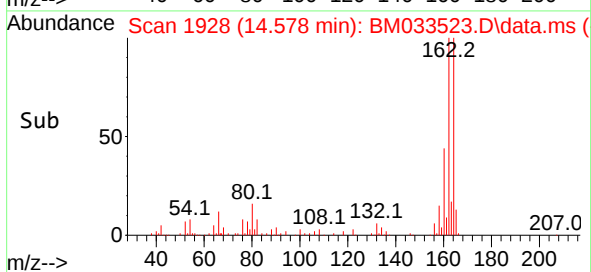
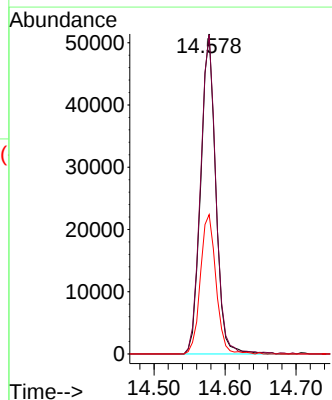
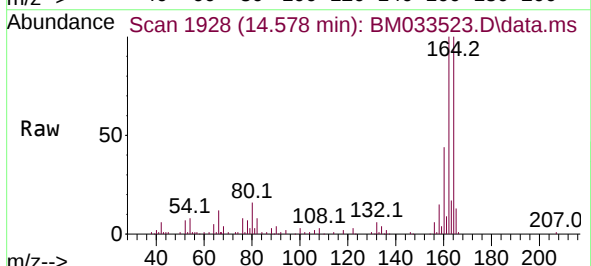
Tgt Ion: 164 Resp: 75724

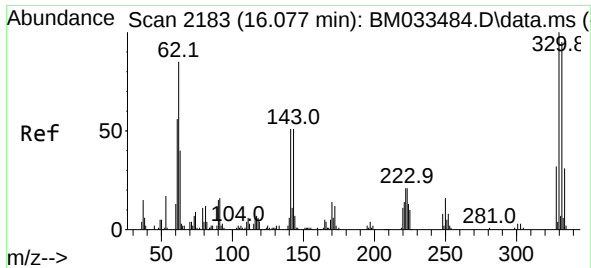
Ion Ratio Lower Upper

164 100

162 99.8 79.7 119.5

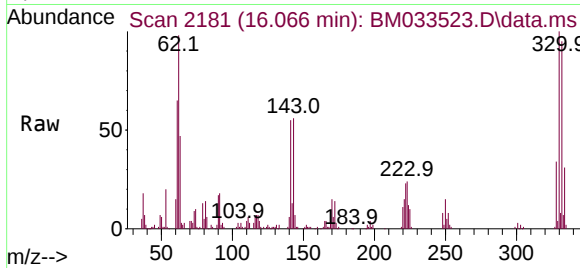
160 43.6 34.2 51.4



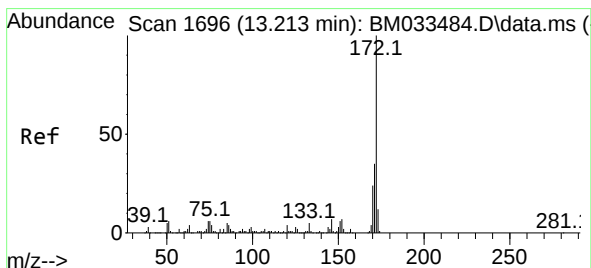
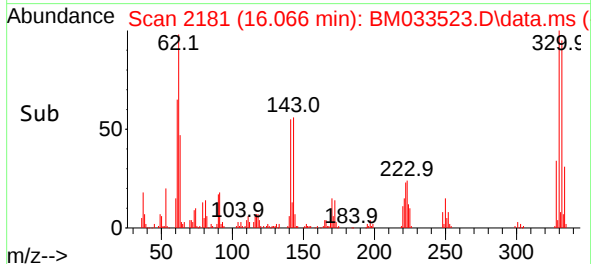
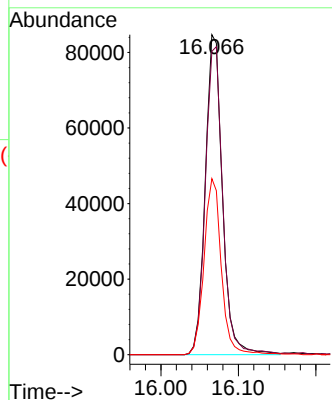


#42
2,4,6-Tribromophenol
Concen: 152.899 ng
RT: 16.066 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

Instrument :
BNA_M
ClientSampleId :

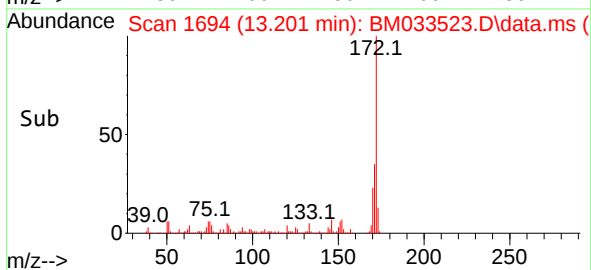
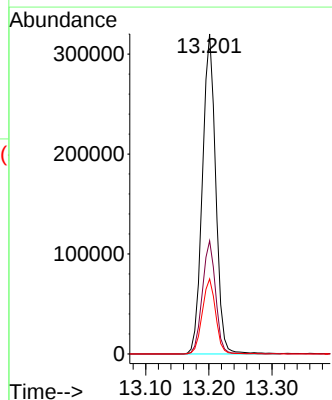
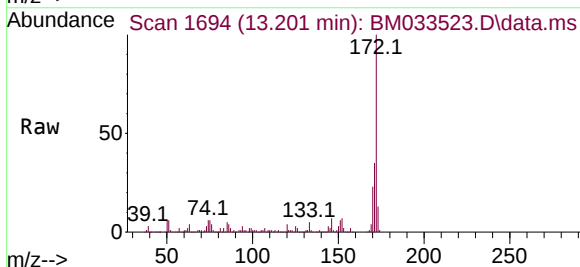


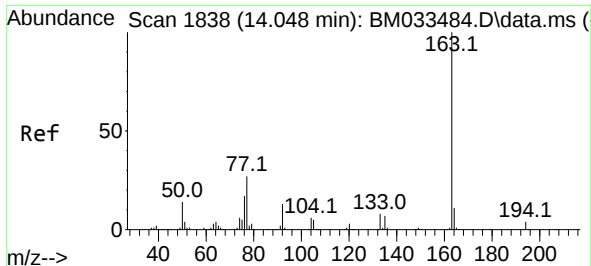
Tgt Ion:330 Resp: 130241
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 55.7 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 85.837 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

Tgt Ion:172 Resp: 469884
Ion Ratio Lower Upper
172 100
171 35.3 27.2 40.8
170 23.5 18.7 28.1

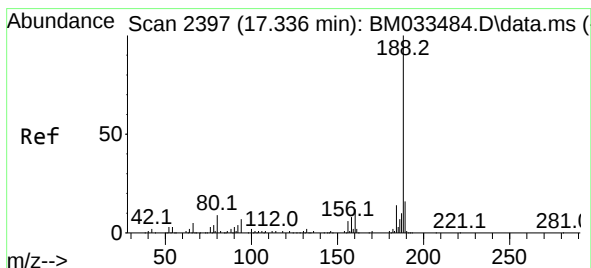
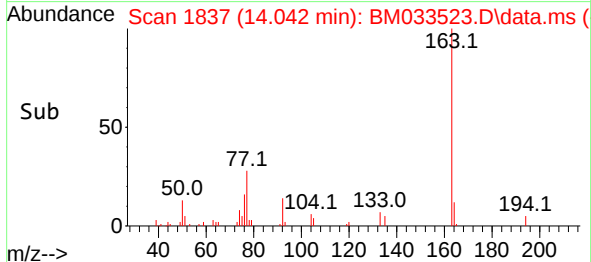
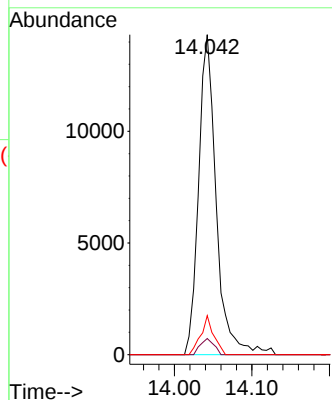
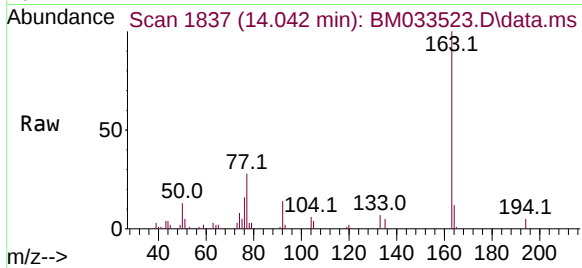




#50
Dimethylphthalate
Concen: 3.955 ng
RT: 14.042 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

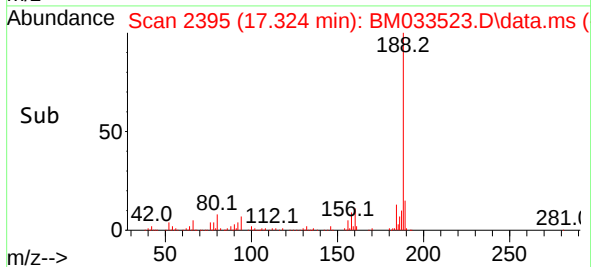
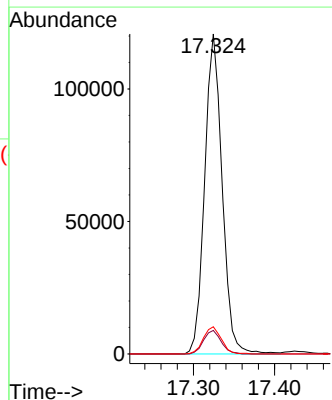
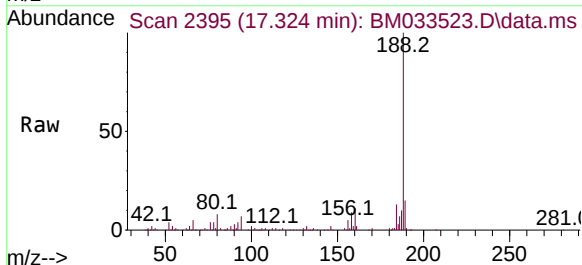
Instrument :
BNA_M
ClientSampleId :

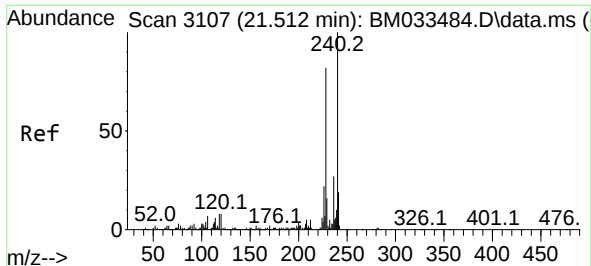
Tgt Ion:163 Resp: 22687
Ion Ratio Lower Upper
163 100
194 5.0 3.2 4.8#
164 12.2 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

Tgt Ion:188 Resp: 180353
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 8.5 8.9 13.3#

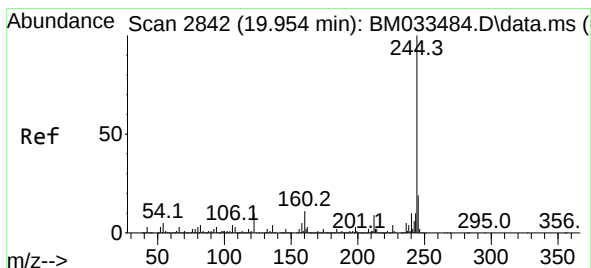
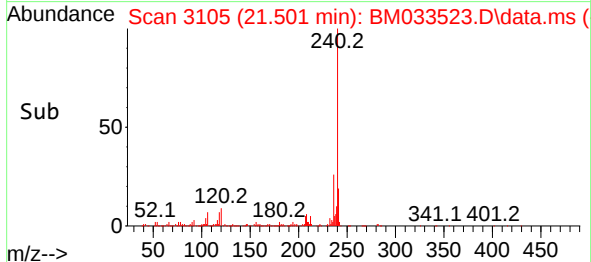
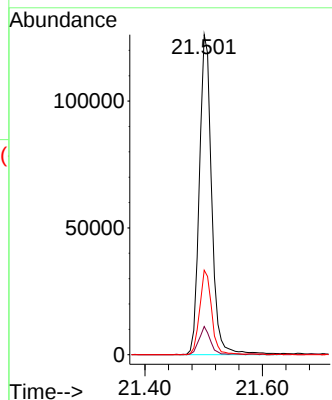
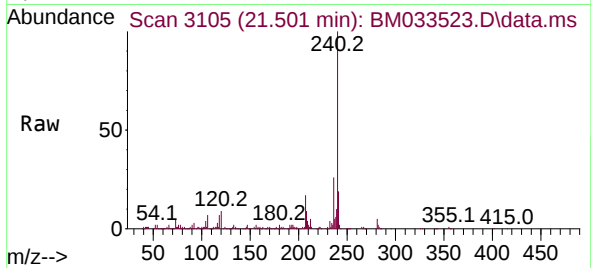




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

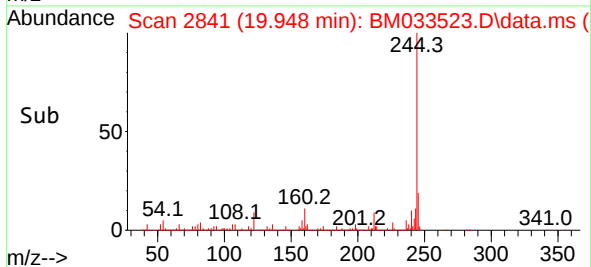
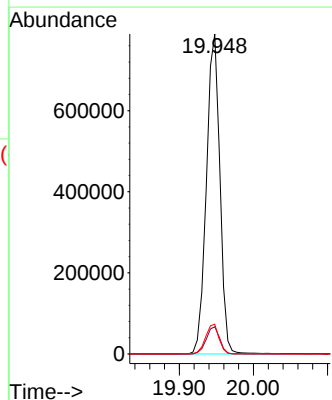
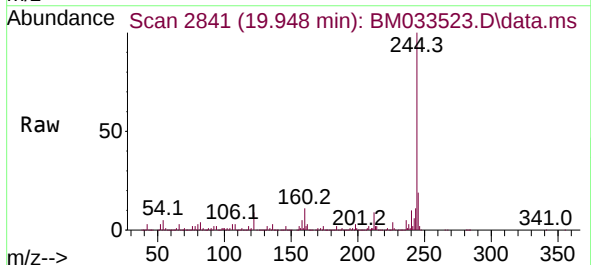
Instrument :
BNA_M
ClientSampleId :

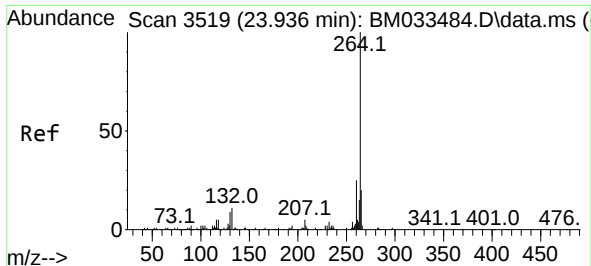
Tgt Ion:240 Resp: 183464
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 85.760 ng
RT: 19.948 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM033523.D
Acq: 18 Dec 2021 17:38

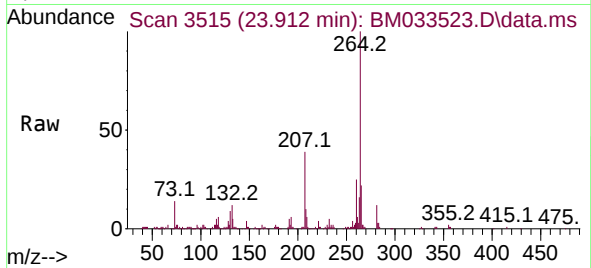
Tgt Ion:244 Resp: 999402
Ion Ratio Lower Upper
244 100
212 8.5 5.9 8.9
122 9.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: BM033523.D
 Acq: 18 Dec 2021 17:38

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264	Resp:	171045
Ion	Ratio	Lower Upper
264	100	
260	24.8	17.7 26.5
265	22.5	17.7 26.5

