

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033533.D
 Acq On : 18 Dec 2021 23:41
 Operator : CG/JU
 Sample : M5064-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 07:10:21 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)

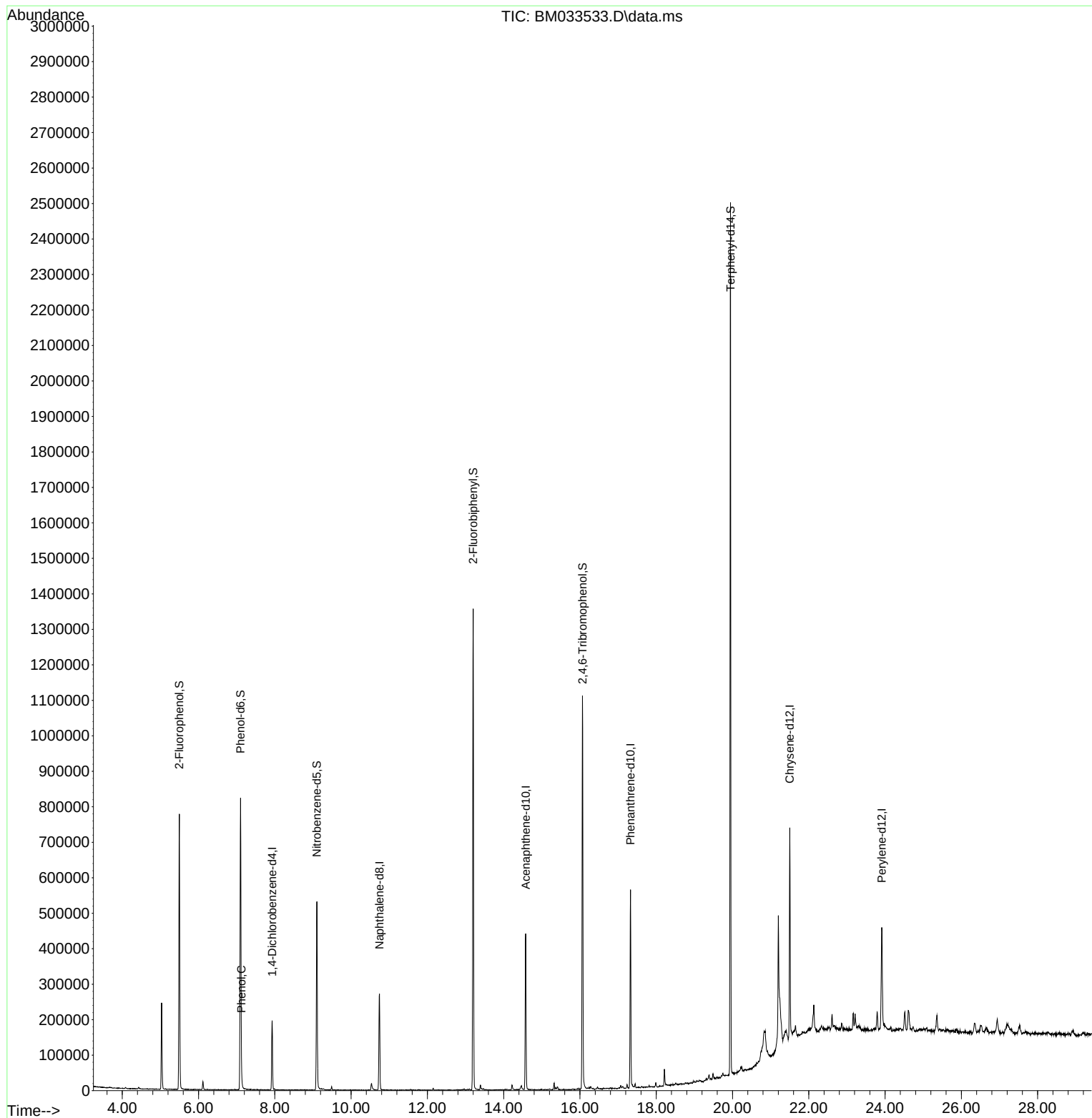
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	45387	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	203706	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	146407	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	311450	20.000	ng	#-0.01
76) Chrysene-d12	21.500	240	273869	20.000	ng	-0.01
86) Perylene-d12	23.912	264	219842	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	264794	100.670	ng	0.00
7) Phenol-d6	7.101	99	377221	106.865	ng	-0.01
23) Nitrobenzene-d5	9.101	82	288096	60.726	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	159019	96.555	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	628929	59.423	ng	-0.01
79) Terphenyl-d14	19.948	244	1006905	57.882	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	64	Below Cal	#	1
9) Benzaldehyde	7.095	77	1294	Below Cal	#	7
10) Phenol	7.125	94	9209	2.582 ng	#	57

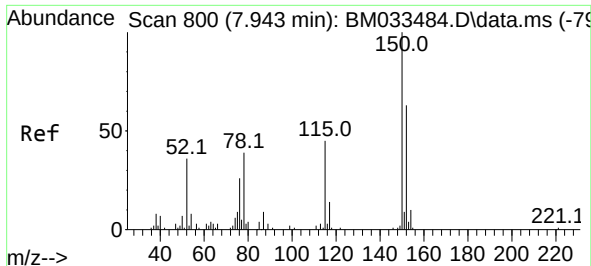
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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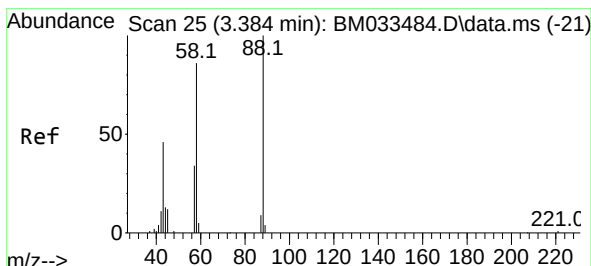
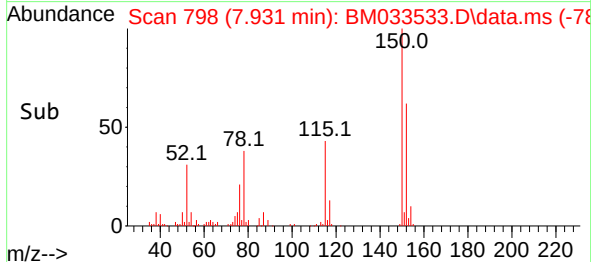
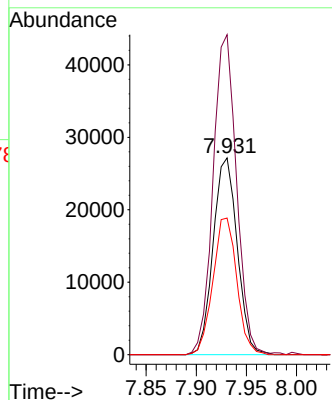
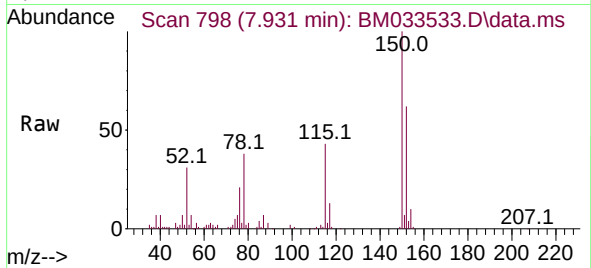




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 74
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

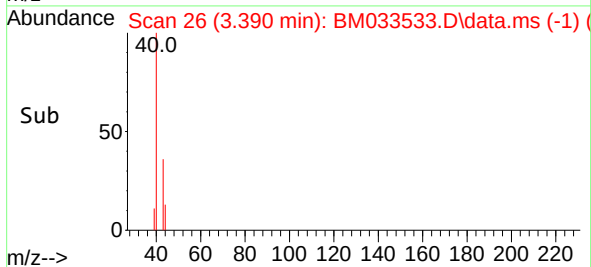
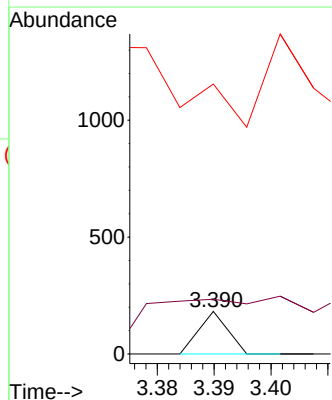
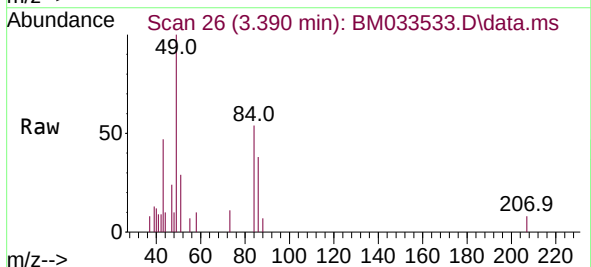
Instrument :
BNA_M
ClientSampleId :

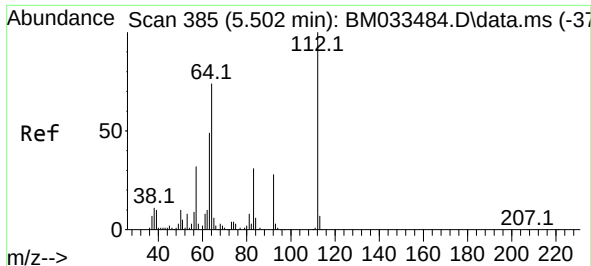
Tgt Ion:152 Resp: 45387
Ion Ratio Lower Upper
152 100
150 162.6 128.9 193.3
115 69.5 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.390 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

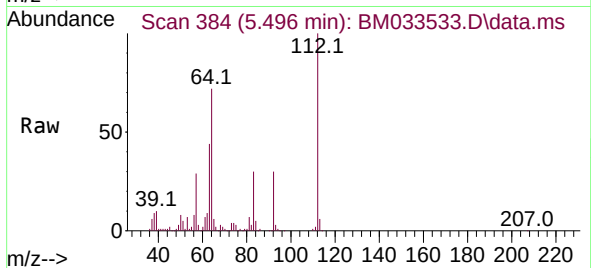
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 490.6 67.0 100.4#
43 406.3 31.6 47.4#



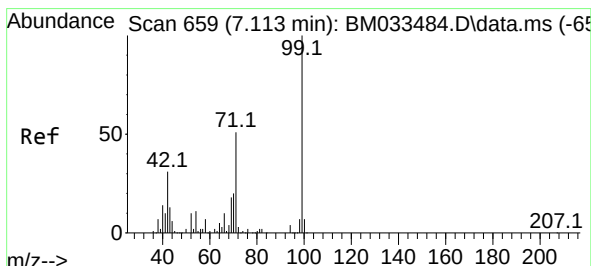
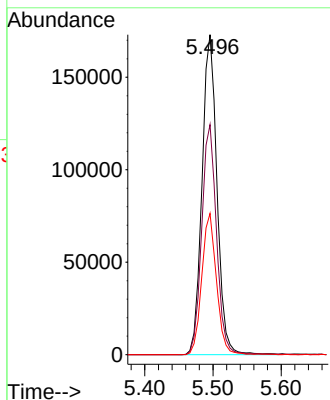
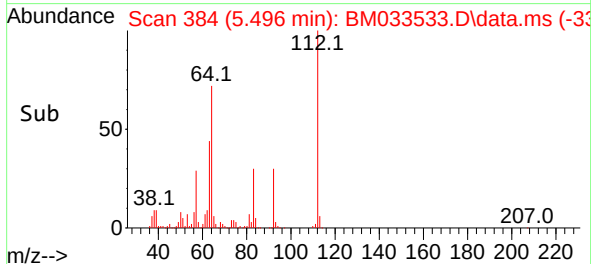


#5
2-Fluorophenol
Concen: 100.670 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

Instrument :
BNA_M
ClientSampleId :

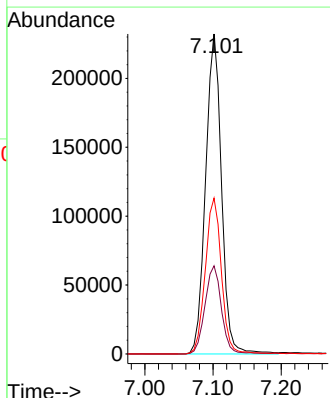
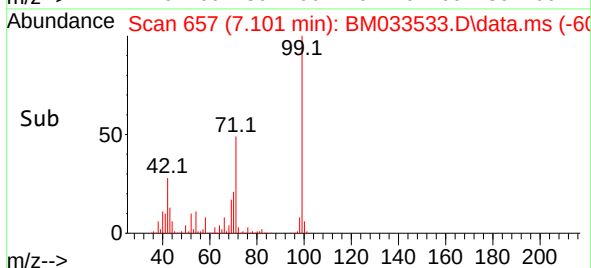
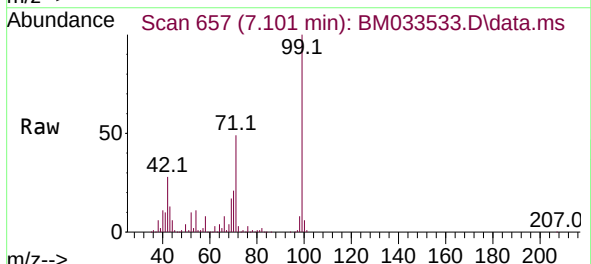


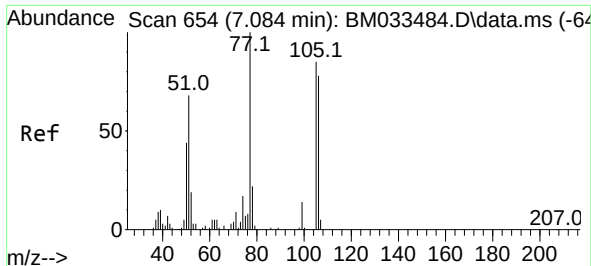
Tgt Ion:112 Resp: 264794
Ion Ratio Lower Upper
112 100
64 71.9 55.5 83.3
63 44.2 31.3 46.9



#7
Phenol-d6
Concen: 106.865 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

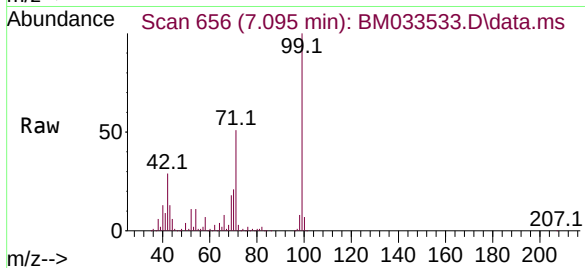
Tgt Ion: 99 Resp: 377221
Ion Ratio Lower Upper
99 100
42 27.6 20.3 30.5
71 48.7 34.5 51.7



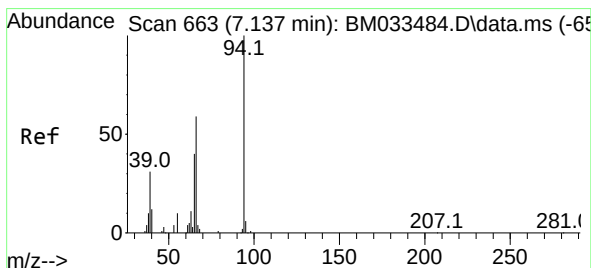
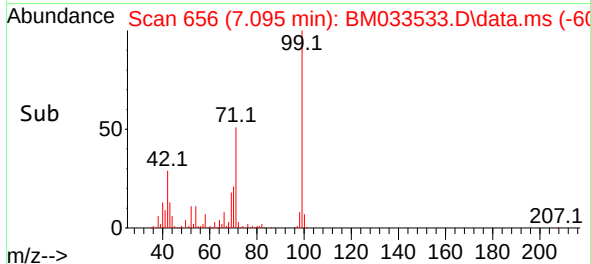
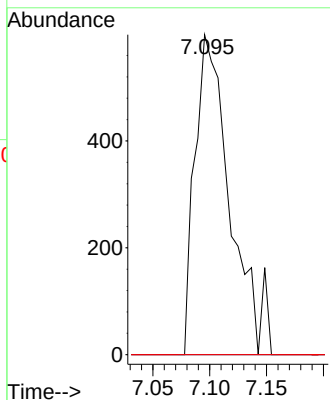


#9
Benzaldehyde
Concen: Below Cal
RT: 7.095 min Scan# 61
Delta R.T. 0.011 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

Instrument :
BNA_M
ClientSampleId :

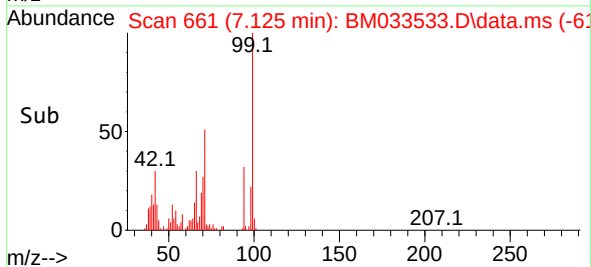
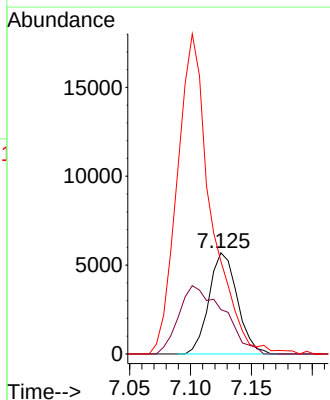
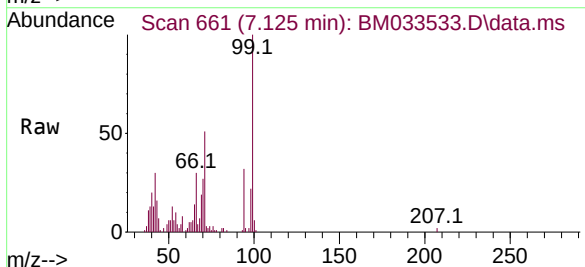


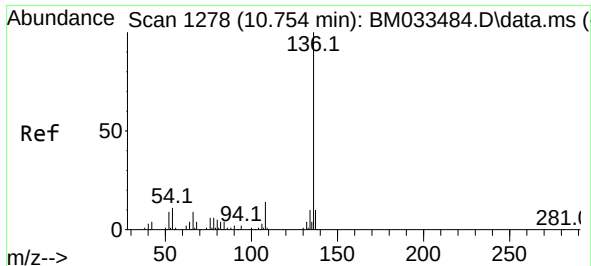
Tgt Ion: 77 Resp: 1294
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#10
Phenol
Concen: 2.582 ng
RT: 7.125 min Scan# 661
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

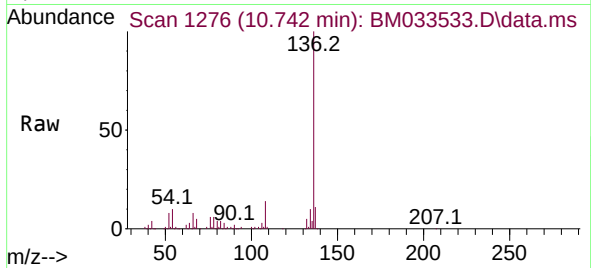
Tgt Ion: 94 Resp: 9209
Ion Ratio Lower Upper
94 100
65 43.8 15.5 55.5
66 91.6 28.5 68.5#



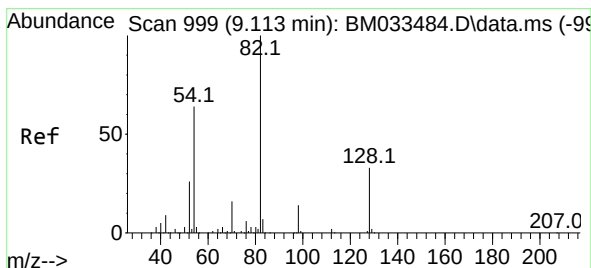
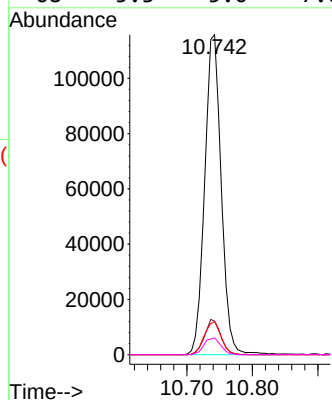


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

Instrument :
BNA_M
ClientSampleId :

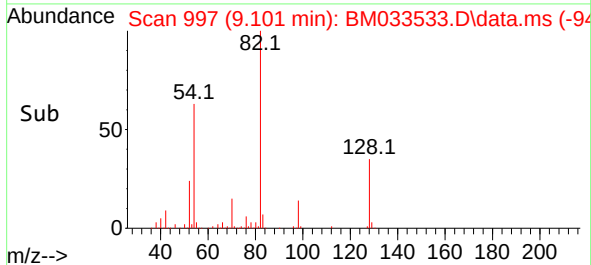
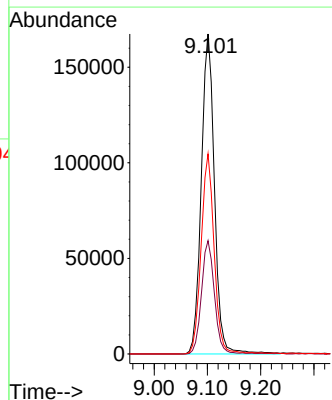
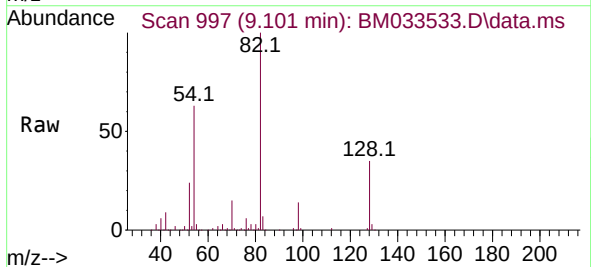


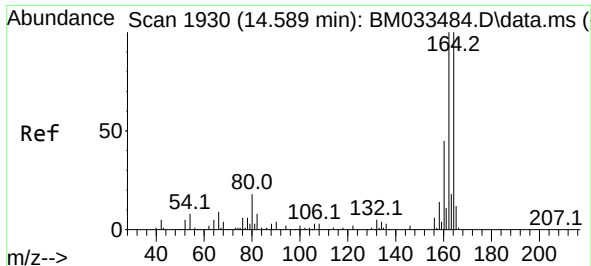
Tgt Ion:136 Resp: 203706
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.4 8.3 12.5
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 60.726 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

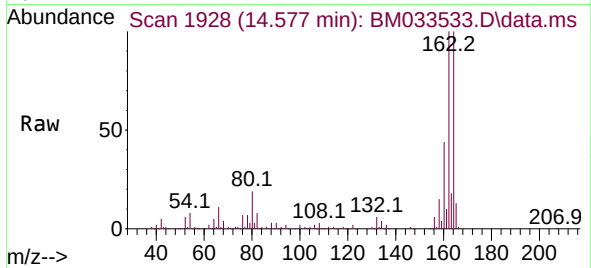
Tgt Ion: 82 Resp: 288096
Ion Ratio Lower Upper
82 100
128 35.4 28.1 42.1
54 62.6 46.1 69.1



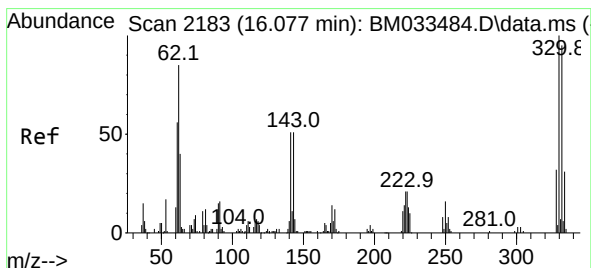
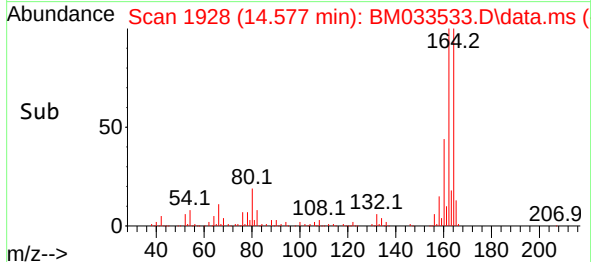
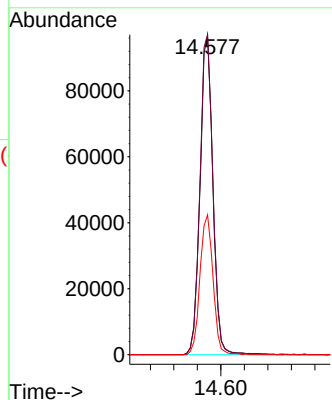


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

Instrument :
BNA_M
ClientSampleId :

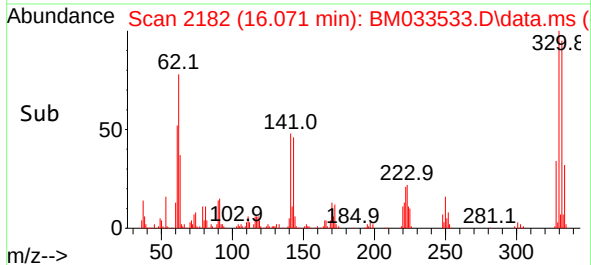
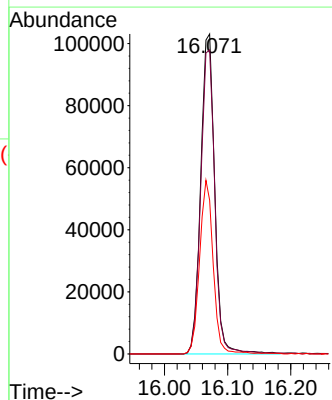
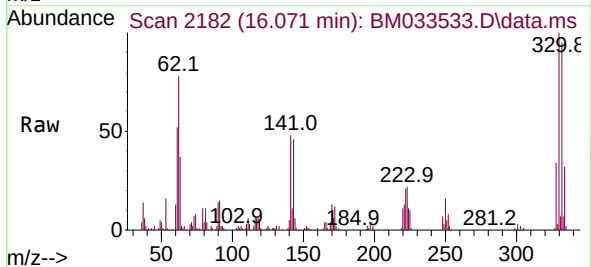


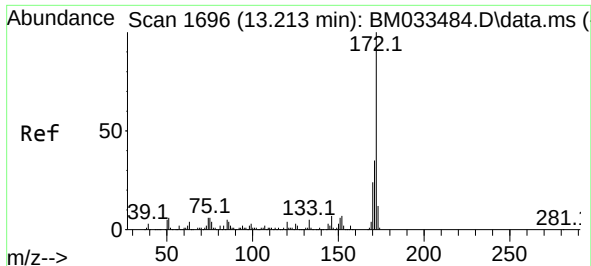
Tgt Ion:164 Resp: 146407
Ion Ratio Lower Upper
164 100
162 100.1 79.7 119.5
160 43.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 96.555 ng
RT: 16.071 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

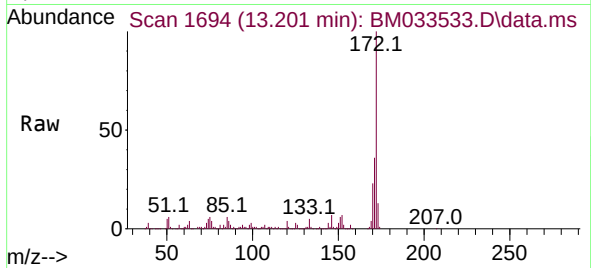
Tgt Ion:330 Resp: 159019
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 52.7 35.9 53.9



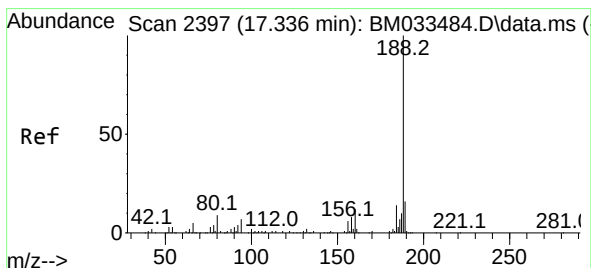
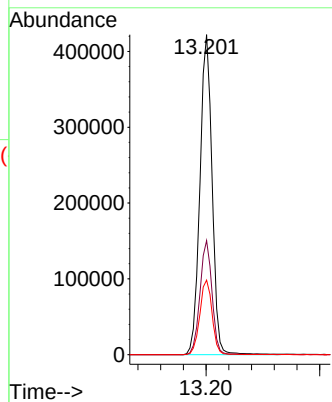
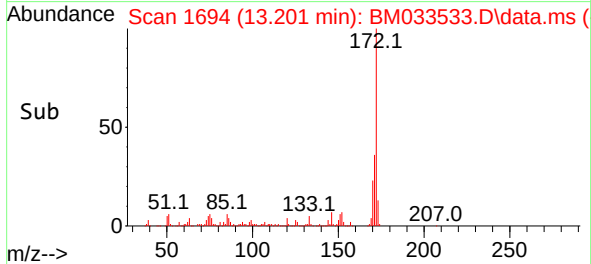


#45
2-Fluorobiphenyl
Concen: 59.423 ng
RT: 13.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

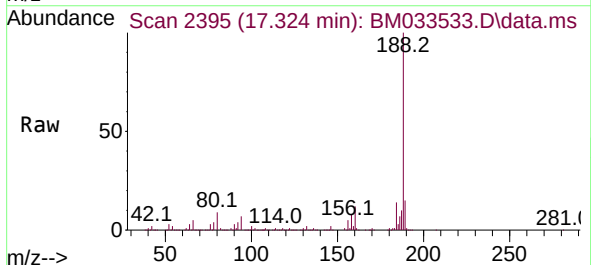
Instrument :
BNA_M
ClientSampleId :



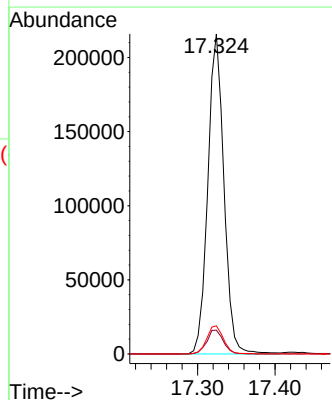
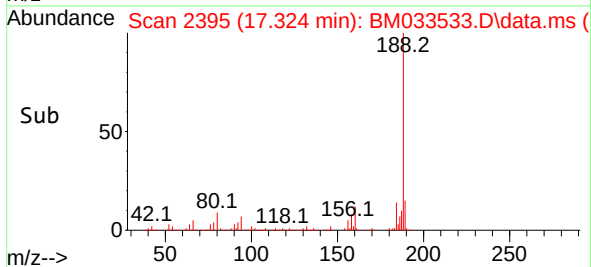
Tgt Ion:172 Resp: 628929
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.3 18.7 28.1

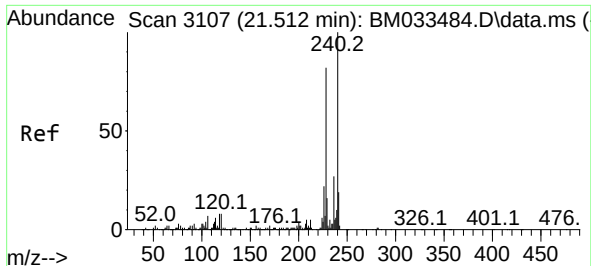


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41



Tgt Ion:188 Resp: 311450
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 8.8 8.9 13.3#

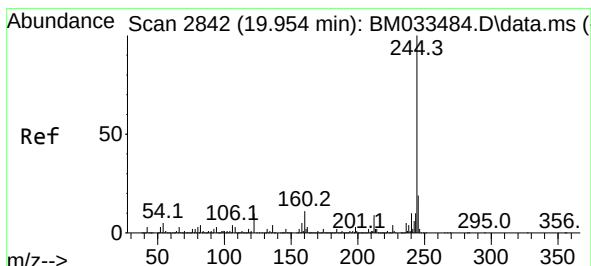
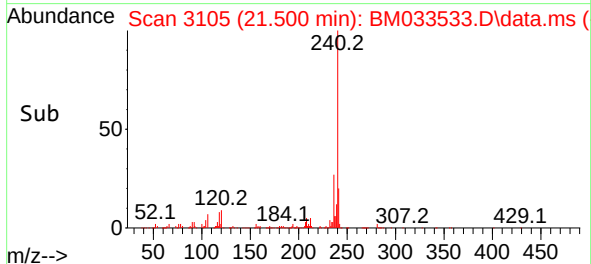
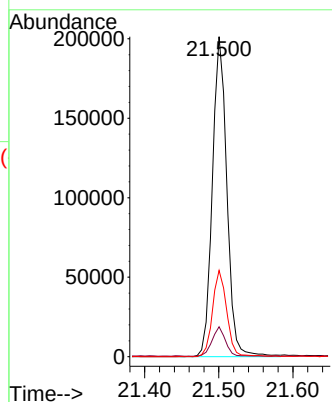
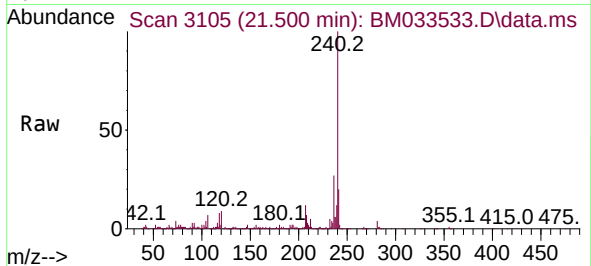




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

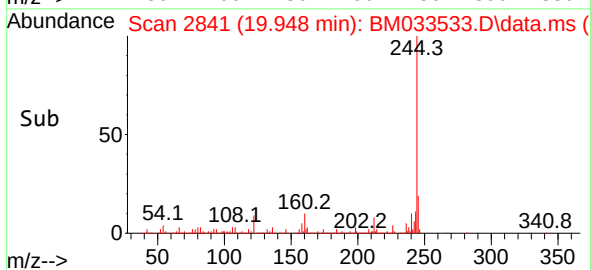
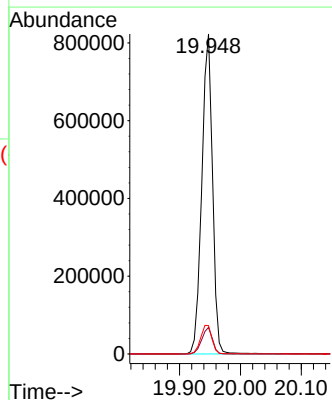
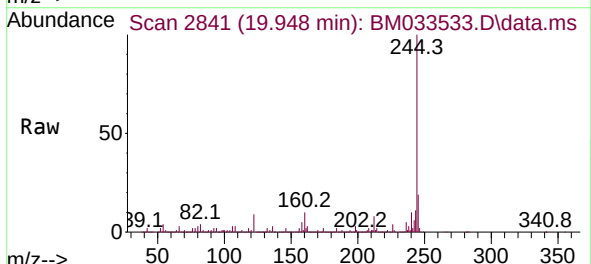
Instrument :
BNA_M
ClientSampleId :

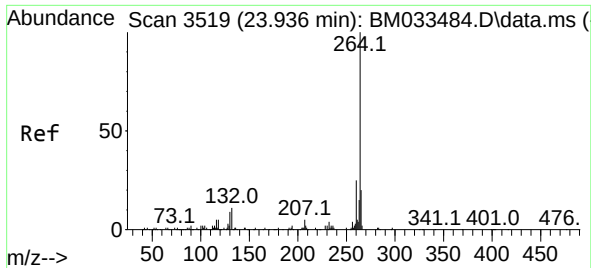
Tgt Ion:240 Resp: 273869
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 27.0 20.3 30.5



#79
Terphenyl-d14
Concen: 57.882 ng
RT: 19.948 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

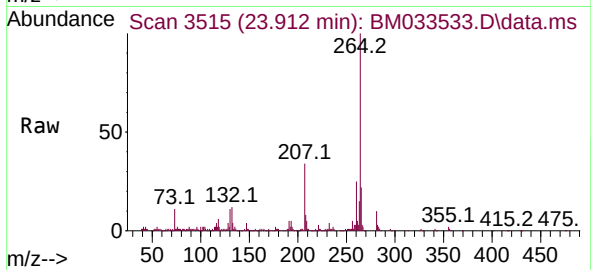
Tgt Ion:244 Resp: 1006905
Ion Ratio Lower Upper
244 100
212 8.3 5.9 8.9
122 8.8 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM033533.D
Acq: 18 Dec 2021 23:41

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:264 Resp: 219842

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.7	26.5
265	22.2	17.7	26.5

