

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033298.D
 Acq On : 03 Dec 2021 22:13
 Operator : CG/JU
 Sample : M4917-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-24

Quant Time: Dec 06 00:51:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	132657	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	524235	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	322075	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	669667	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	647582	20.000	ng	# 0.00
86) Perylene-d12	23.776	264	645244	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	593766	73.915	ng	0.01
7) Phenol-d6	7.107	99	486565	45.226	ng	0.01
23) Nitrobenzene-d5	9.089	82	1157504	102.502	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	497684	141.753	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	2157558	94.475	ng	0.00
79) Terphenyl-d14	19.900	244	3100206	94.665	ng	0.00

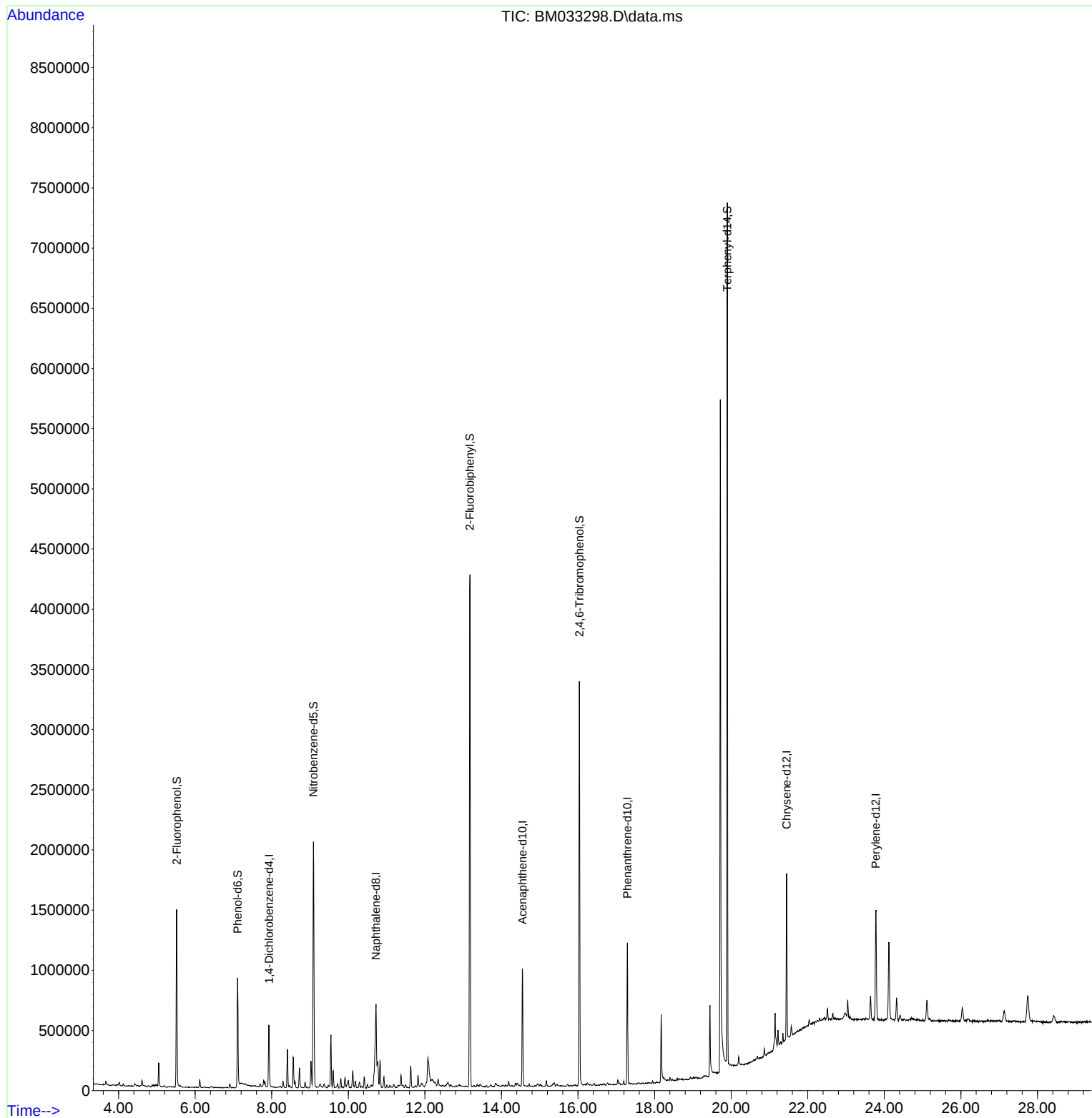
Target Compounds	Qvalue

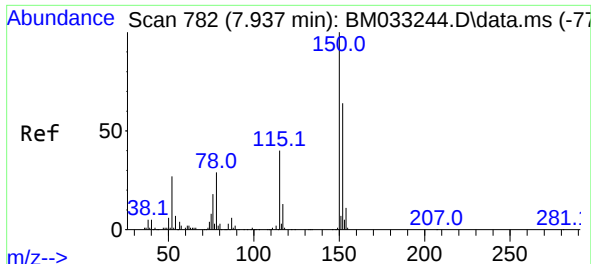
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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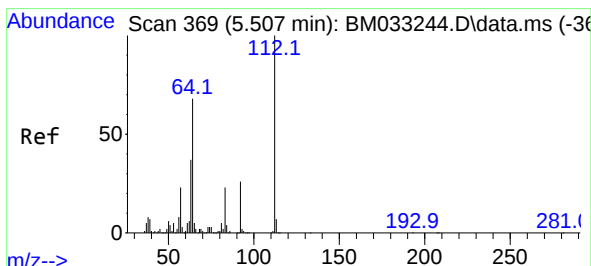
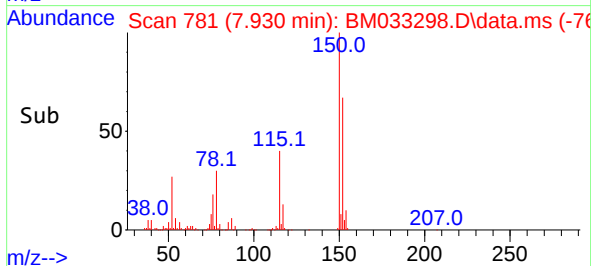
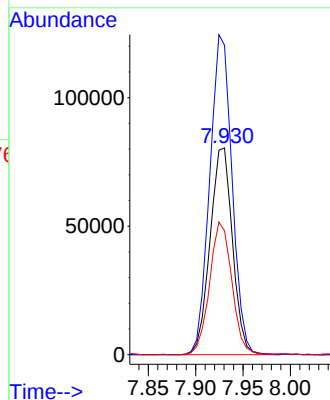
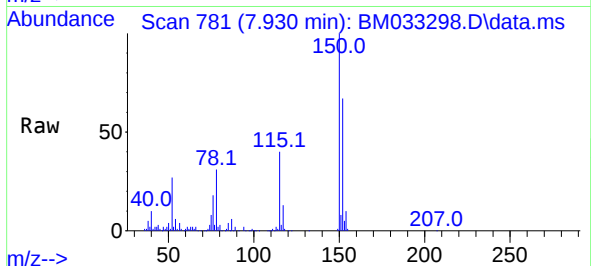




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 71
Delta R.T. -0.007 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

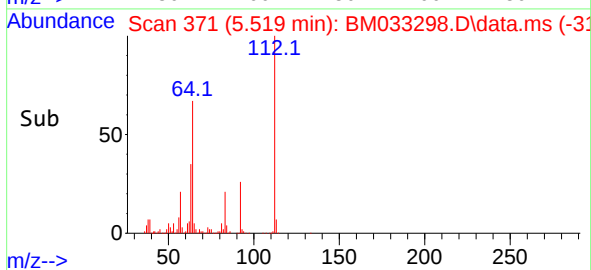
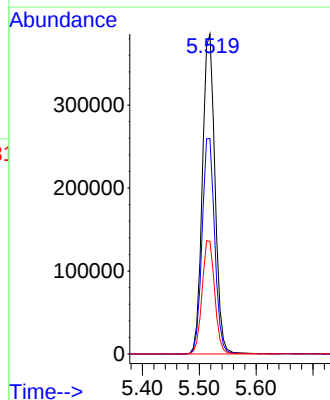
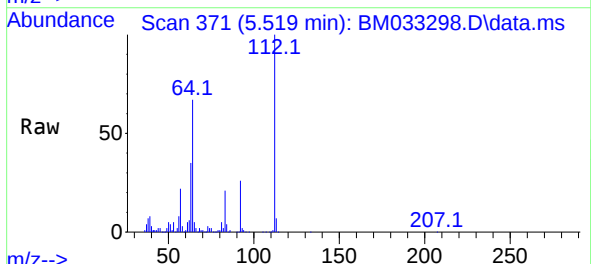
Instrument :
BNA_M
ClientSampleId :
MW-24

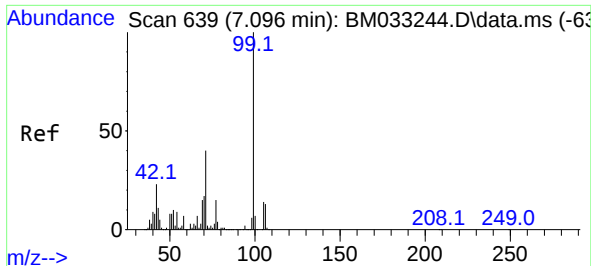
Tgt Ion:152 Resp: 132657
Ion Ratio Lower Upper
152 100
150 149.7 122.4 183.6
115 59.9 53.8 80.8



#5
2-Fluorophenol
Concen: 73.915 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.011 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:112 Resp: 593766
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 35.2 33.9 50.9

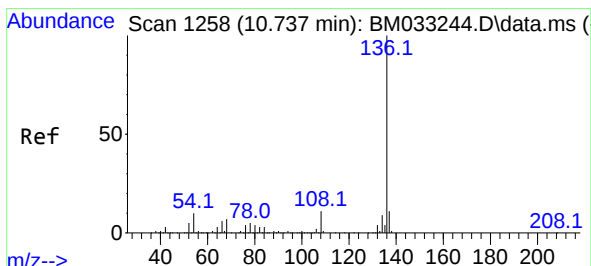
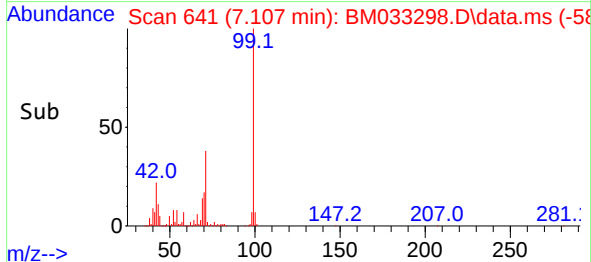
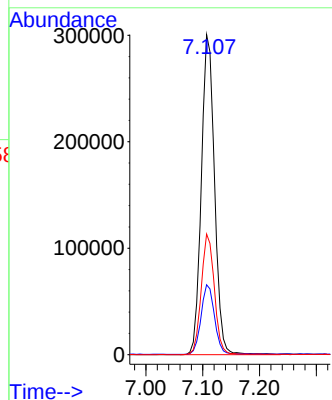
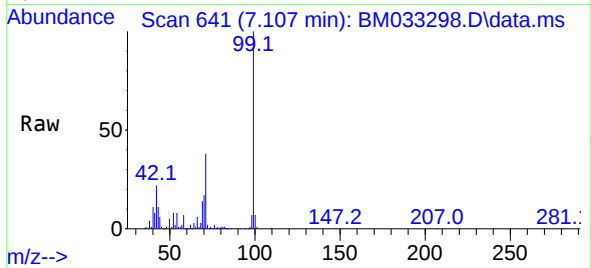




#7
Phenol-d6
Concen: 45.226 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.011 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

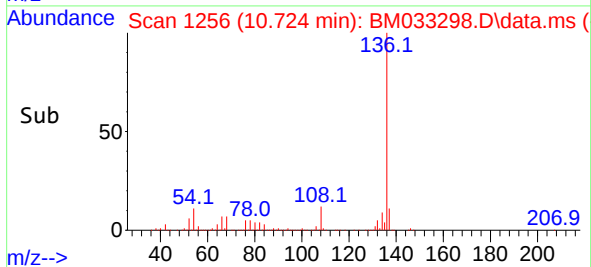
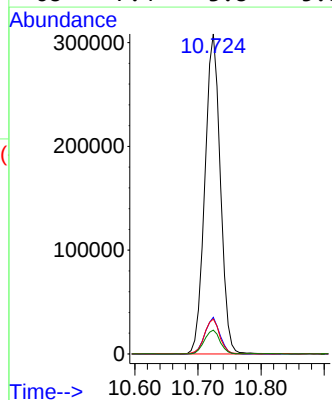
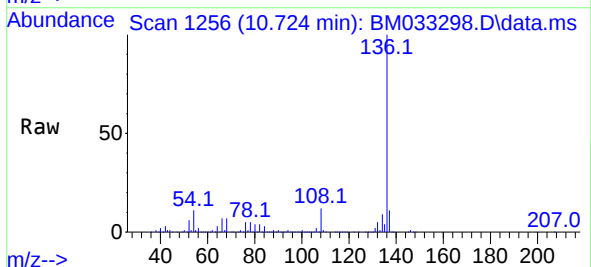
Instrument :
BNA_M
ClientSampleId :
MW-24

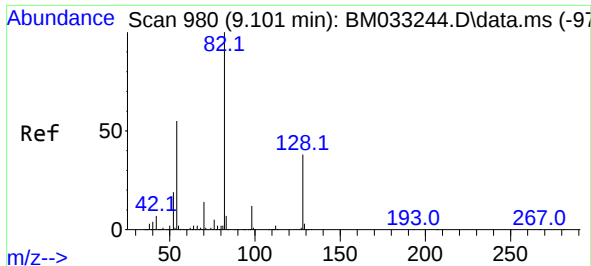
Tgt Ion: 99 Resp: 486565
Ion Ratio Lower Upper
99 100
42 21.9 23.0 34.6#
71 37.7 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1256
Delta R.T. -0.013 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion: 136 Resp: 524235
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.9 7.4 11.0
68 7.4 3.8 5.8#

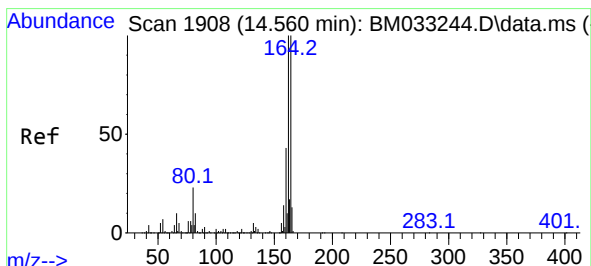
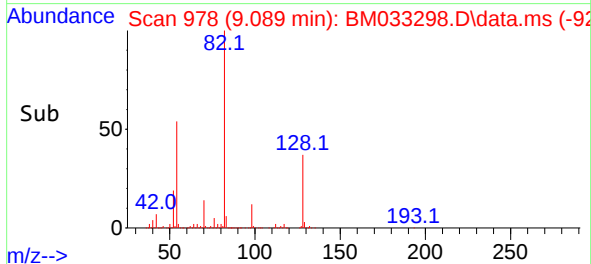
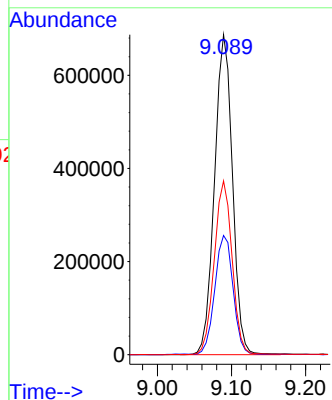
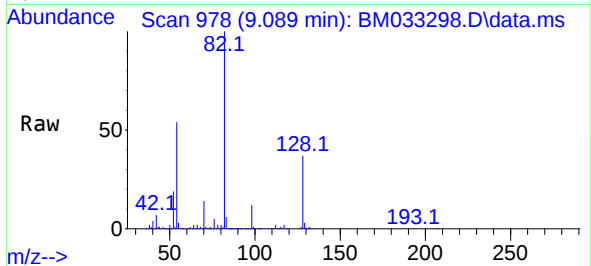




#23
Nitrobenzene-d5
Concen: 102.502 ng
RT: 9.089 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

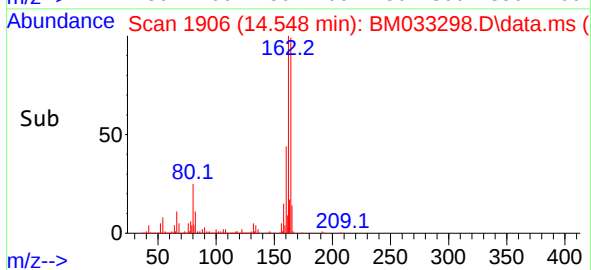
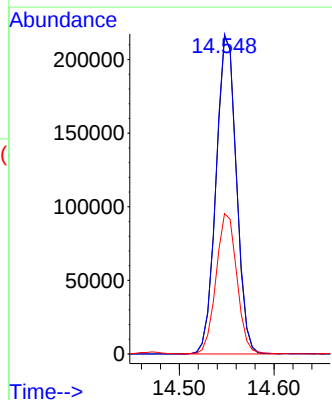
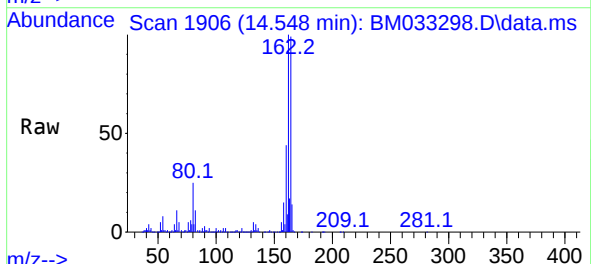
Instrument :
BNA_M
ClientSampleId :
MW-24

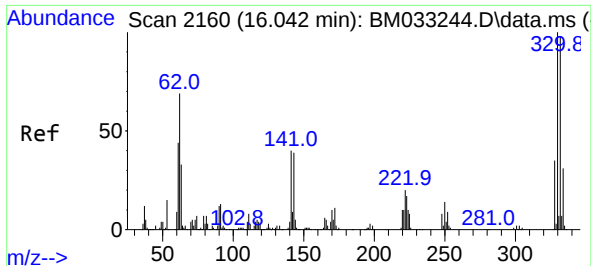
Tgt Ion: 82 Resp: 1157504
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 54.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:164 Resp: 322075
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.2 35.1 52.7

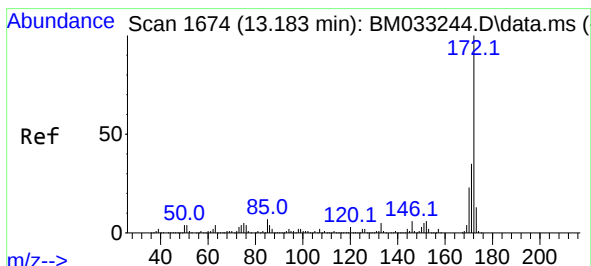
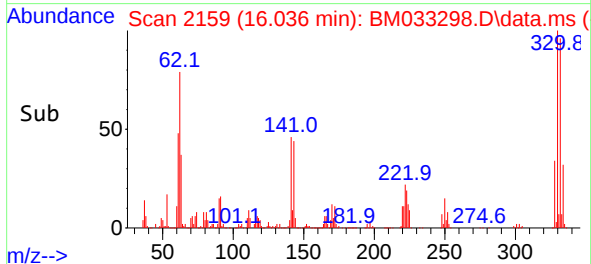
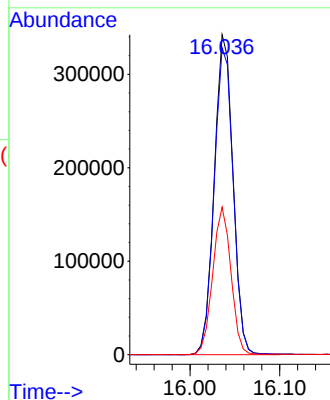
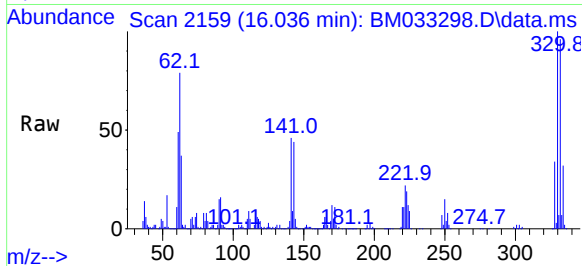




#42
2,4,6-Tribromophenol
Concen: 141.753 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

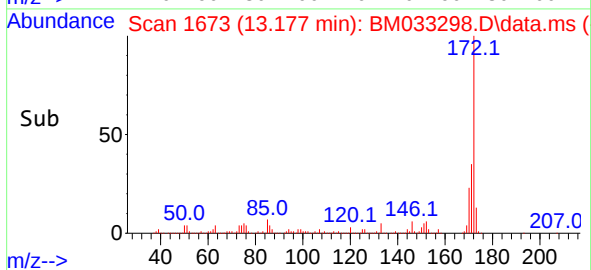
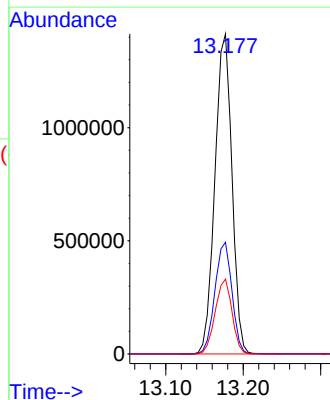
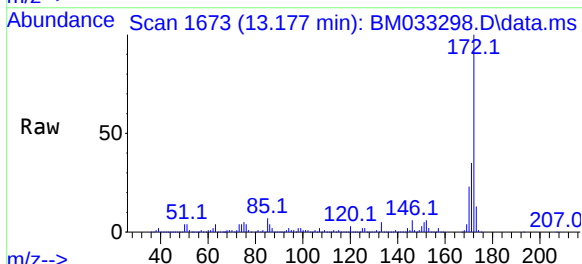
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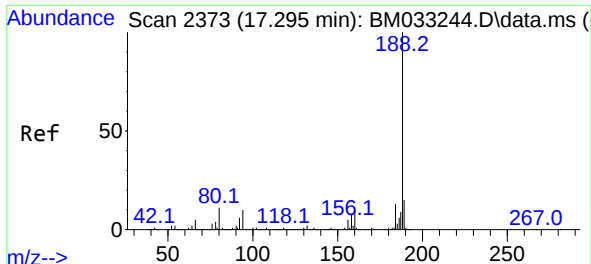
Tgt Ion:330 Resp: 497684
Ion Ratio Lower Upper
330 100
332 97.1 75.7 113.5
141 44.9 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 94.475 ng
RT: 13.177 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:172 Resp: 2157558
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.6 27.8

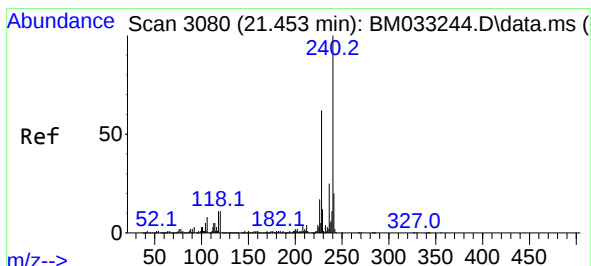
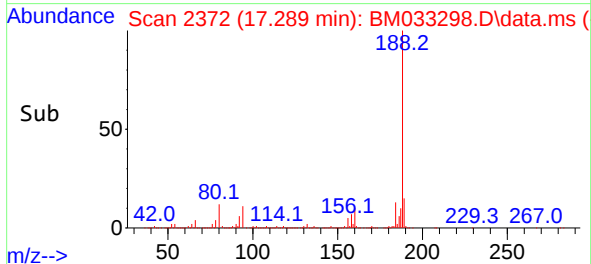
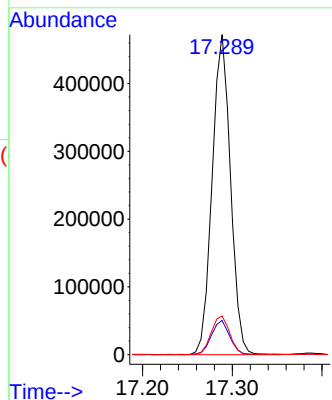
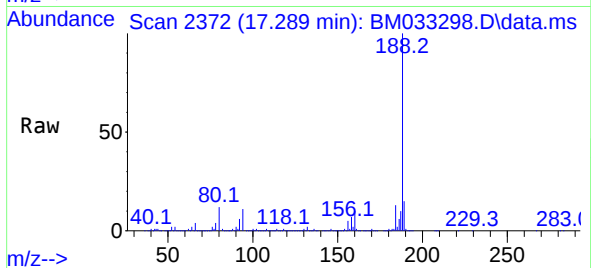




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

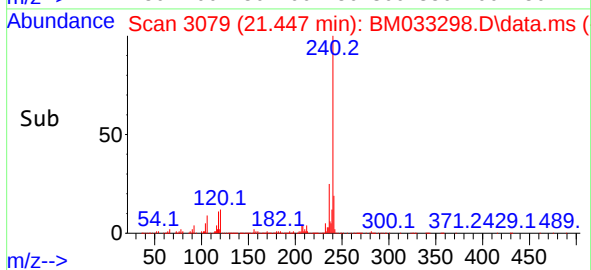
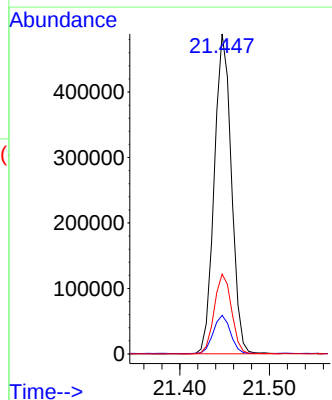
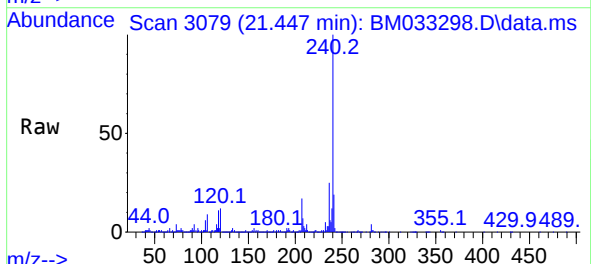
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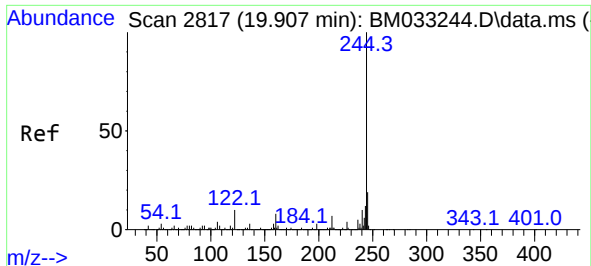
Tgt Ion:188 Resp: 669667
Ion Ratio Lower Upper
188 100
94 10.7 6.3 9.5#
80 12.1 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:240 Resp: 647582
Ion Ratio Lower Upper
240 100
120 12.1 7.8 11.6#
236 25.0 20.9 31.3

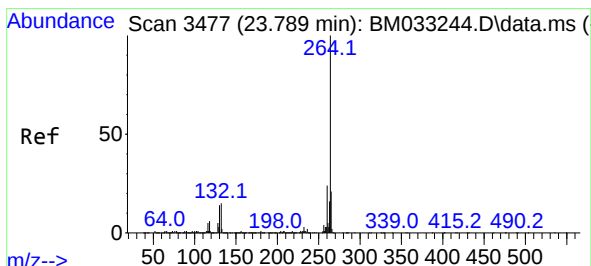
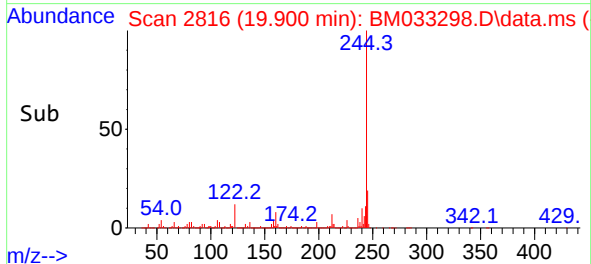
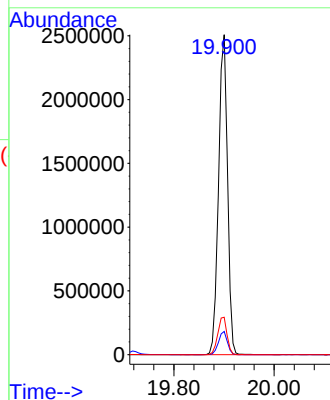
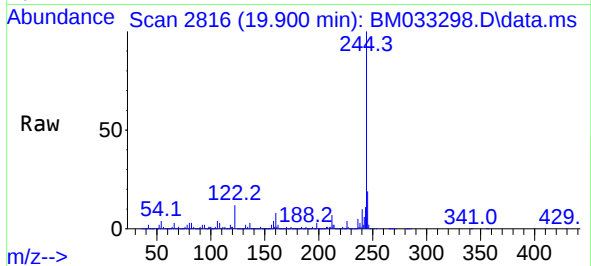




#79
 Terphenyl-d14
 Concen: 94.665 ng
 RT: 19.900 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033298.D
 Acq: 03 Dec 2021 22:13

Instrument :
 BNA_M
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Tgt Ion:244 Resp: 3100206
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 11.7 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.776 min Scan# 3475
 Delta R.T. -0.012 min
 Lab File: BM033298.D
 Acq: 03 Dec 2021 22:13

Tgt Ion:264 Resp: 645244
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.2 18.3 27.5

