

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033322.D
 Acq On : 06 Dec 2021 21:01
 Operator : CG/JU
 Sample : M4918-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-38I

Quant Time: Dec 07 03:09:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 13:01:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	112459	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	440381	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	250131	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	509019	20.000	ng	#-0.01
76) Chrysene-d12	21.448	240	552158	20.000	ng	0.00
86) Perylene-d12	23.777	264	591203	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	427812	62.821	ng	0.00
7) Phenol-d6	7.101	99	329133	36.087	ng	0.00
23) Nitrobenzene-d5	9.084	82	952925	100.454	ng	-0.02
42) 2,4,6-Tribromophenol	16.036	330	341783	125.349	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1668984	94.102	ng	-0.01
79) Terphenyl-d14	19.895	244	2210308	79.156	ng	-0.01

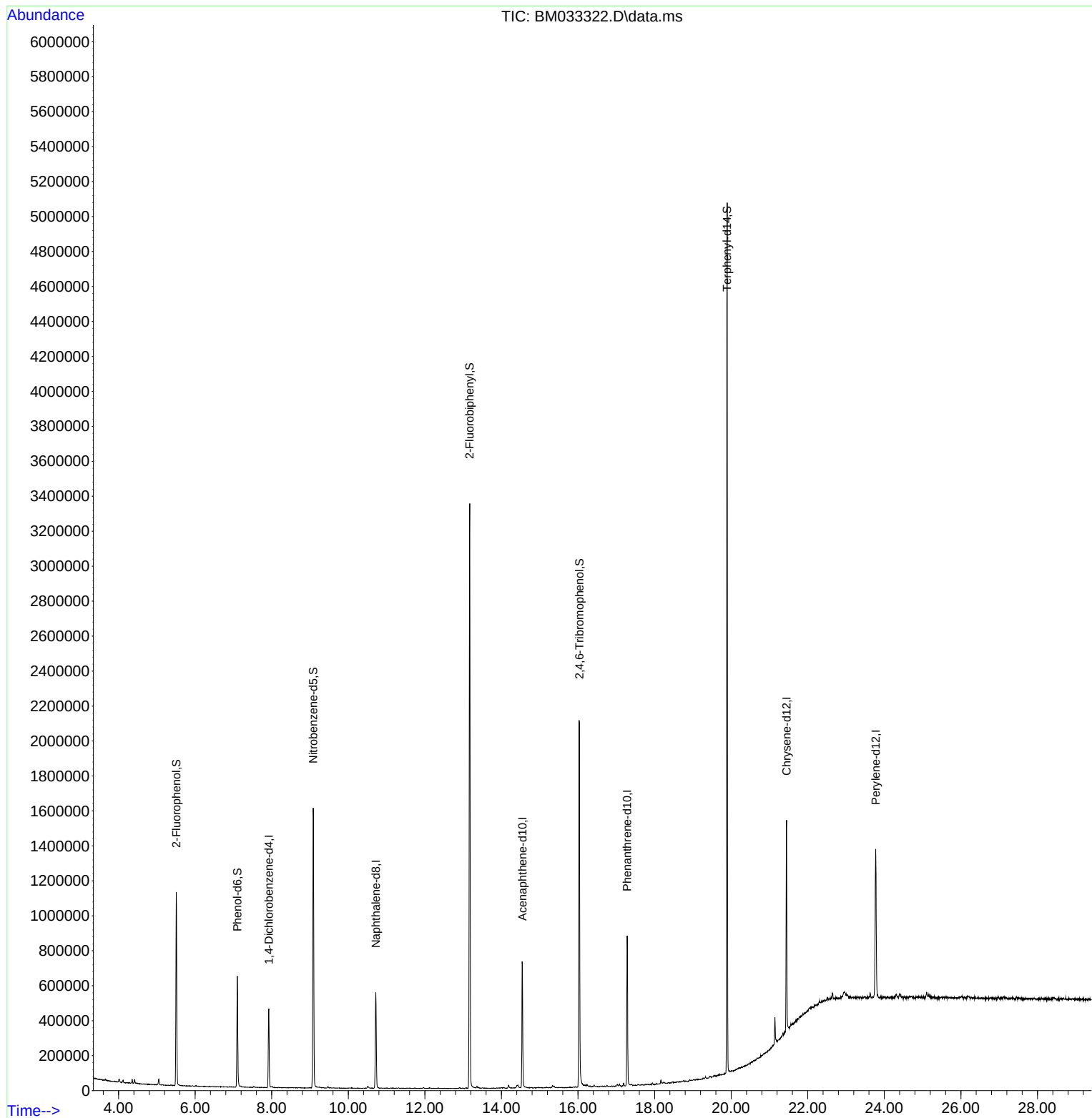
Target Compounds	Qvalue

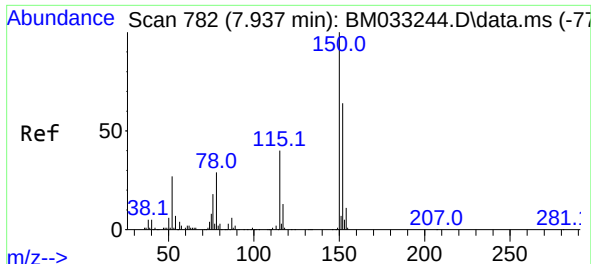
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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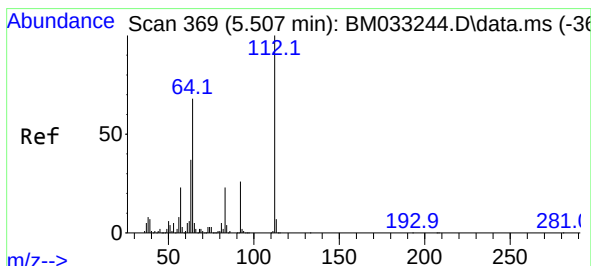
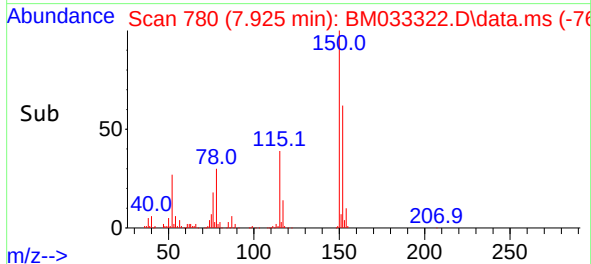
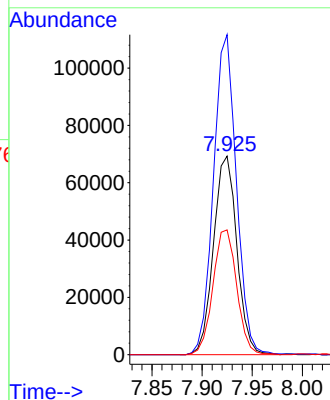
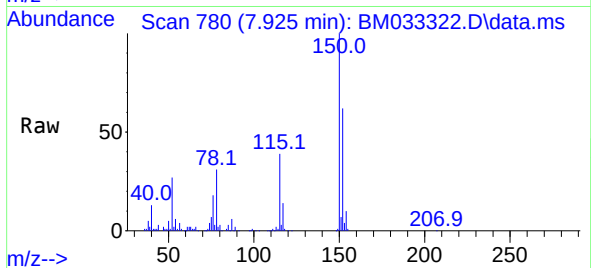




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

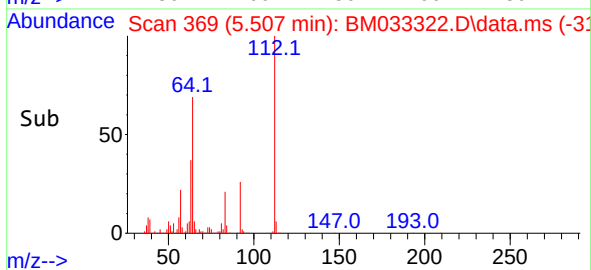
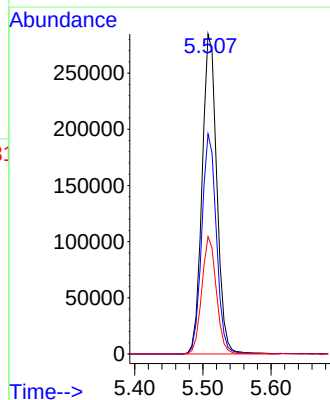
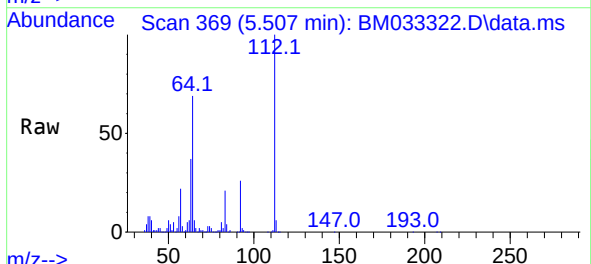
Instrument :
BNA_M
ClientSampleId :
MW-38I

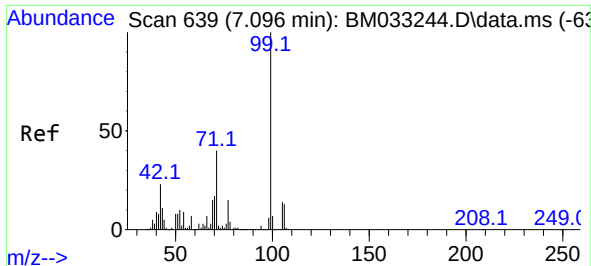
Tgt Ion:152 Resp: 112459
Ion Ratio Lower Upper
152 100
150 161.1 122.4 183.6
115 62.8 53.8 80.8



#5
2-Fluorophenol
Concen: 62.821 ng
RT: 5.507 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

Tgt Ion:112 Resp: 427812
Ion Ratio Lower Upper
112 100
64 68.8 53.7 80.5
63 36.7 33.9 50.9

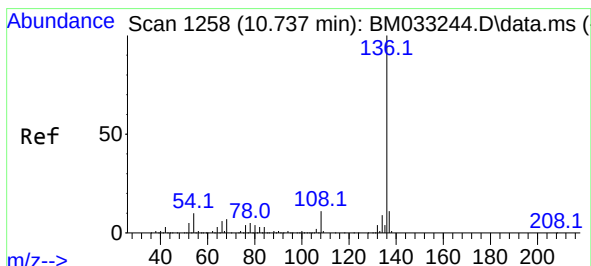
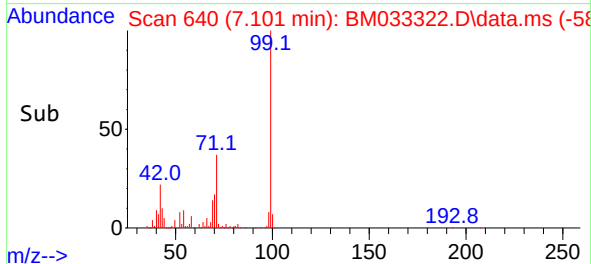
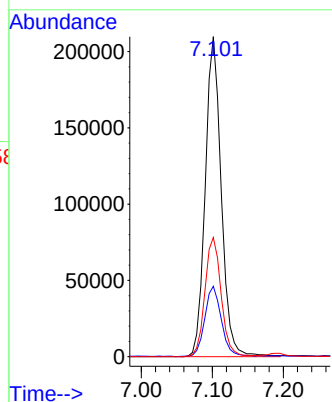
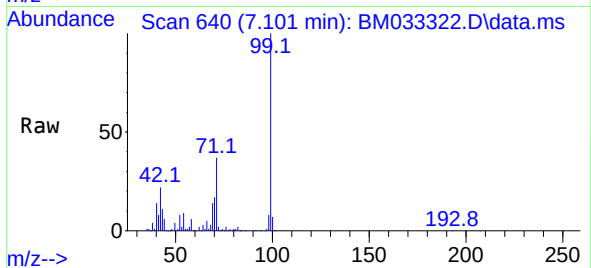




#7
Phenol-d6
Concen: 36.087 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

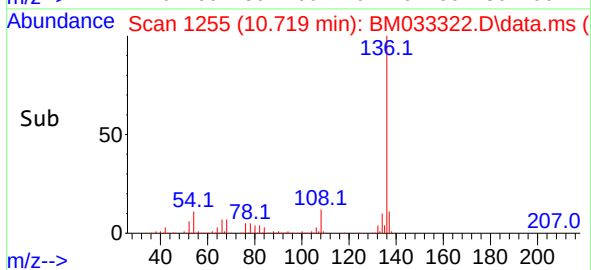
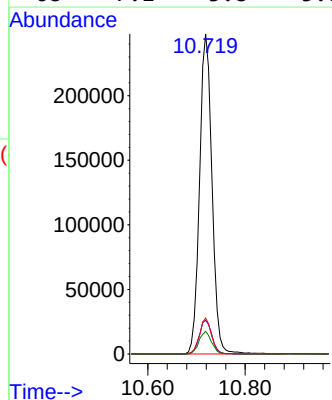
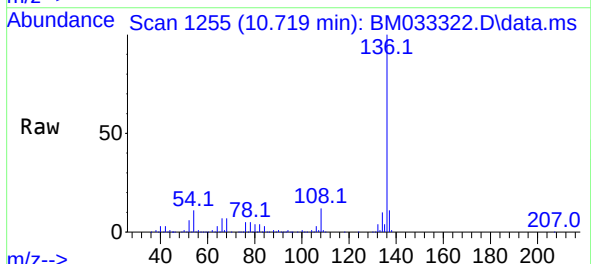
Instrument :
BNA_M
ClientSampleId :
MW-38I

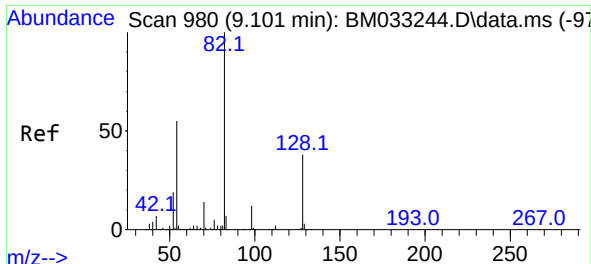
Tgt Ion: 99 Resp: 329133
Ion Ratio Lower Upper
99 100
42 22.0 23.0 34.6#
71 37.3 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

Tgt Ion: 136 Resp: 440381
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.2 7.4 11.0#
68 7.1 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 100.454 ng

RT: 9.084 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM033322.D

Acq: 06 Dec 2021 21:01

Instrument :

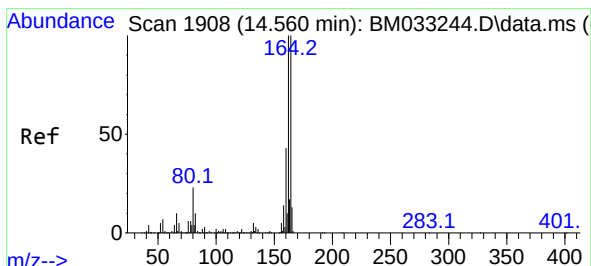
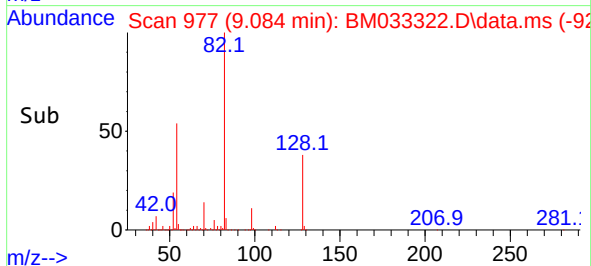
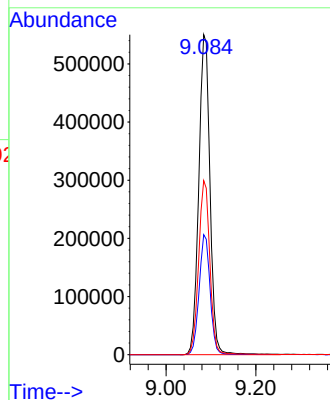
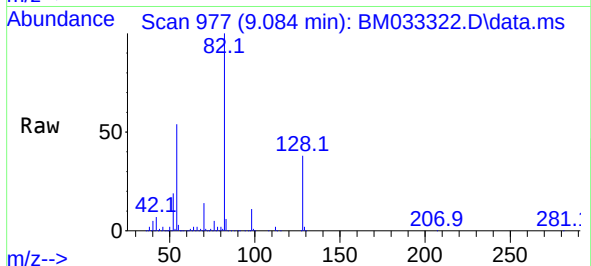
BNA_M

ClientSampleId :

MW-38I

Tgt Ion: 82 Resp: 952925

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.0	43.6
54	54.4	45.8	68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.548 min Scan# 1906

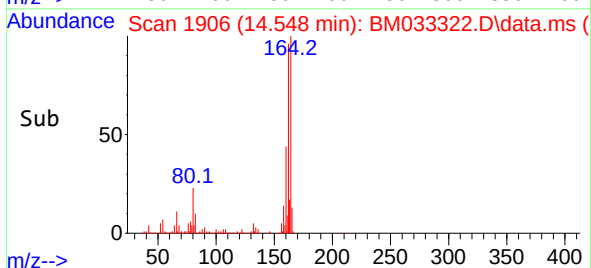
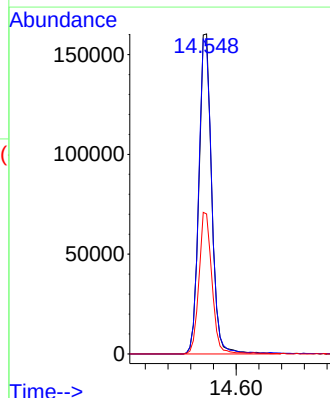
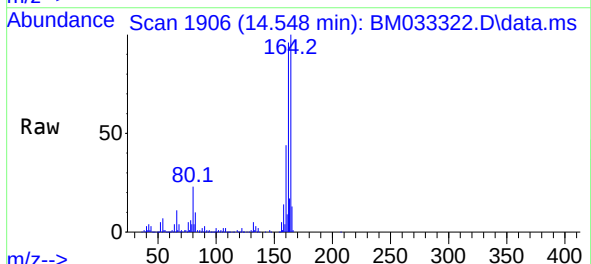
Delta R.T. -0.012 min

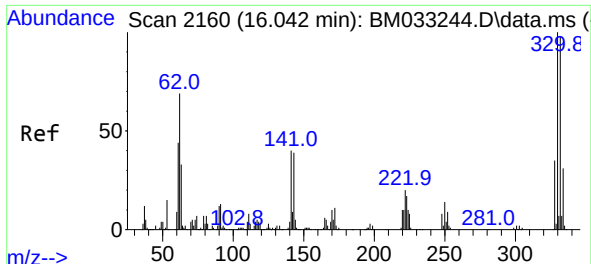
Lab File: BM033322.D

Acq: 06 Dec 2021 21:01

Tgt Ion: 164 Resp: 250131

Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.6	121.0
160	43.7	35.1	52.7

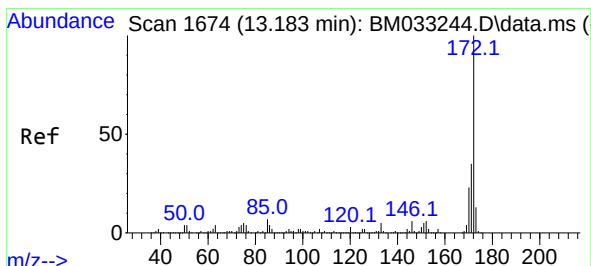
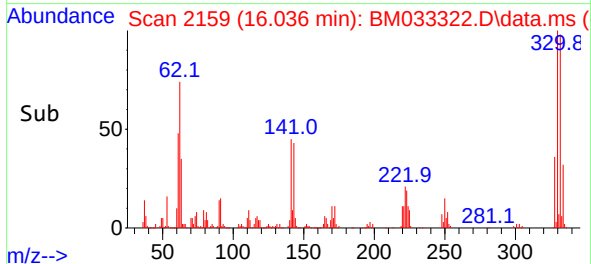
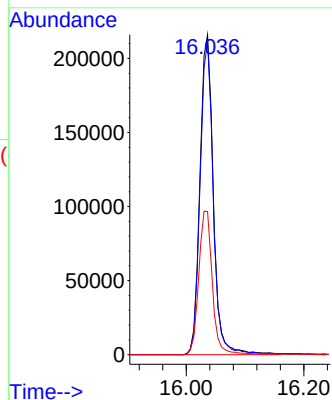
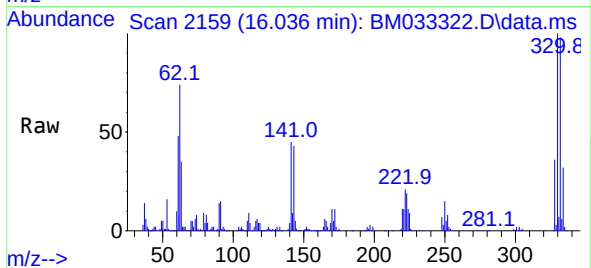




#42
2,4,6-Tribromophenol
Concen: 125.349 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

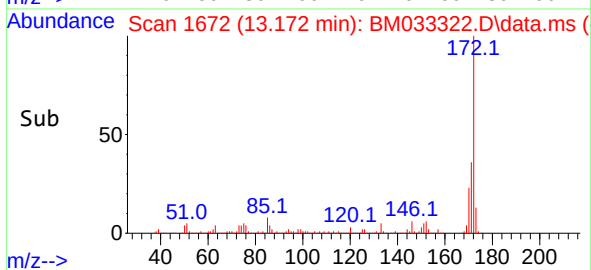
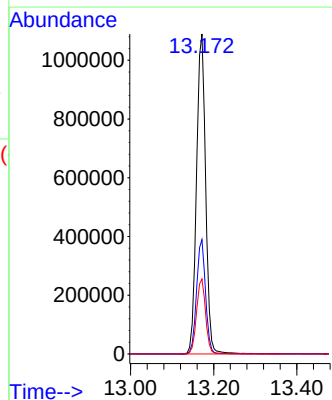
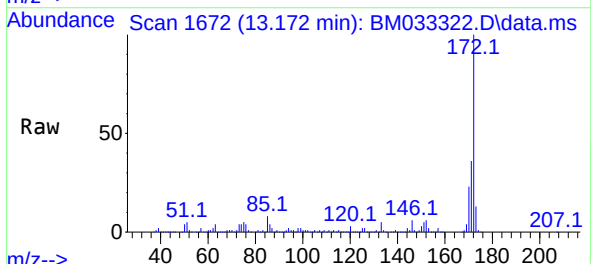
Instrument :
BNA_M
ClientSampleId :
MW-38I

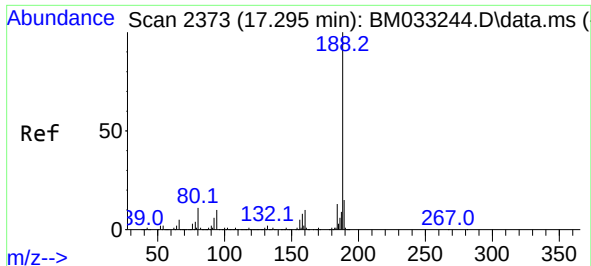
Tgt Ion:330 Resp: 341783
Ion Ratio Lower Upper
330 100
332 95.7 75.7 113.5
141 46.0 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 94.102 ng
RT: 13.172 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

Tgt Ion:172 Resp: 1668984
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.4 18.6 27.8

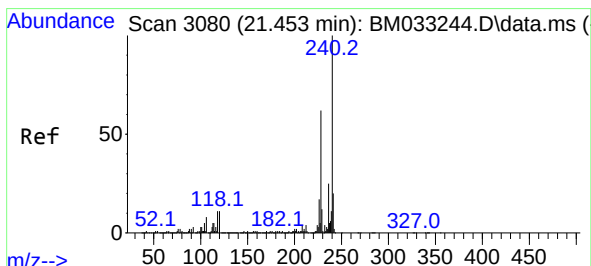
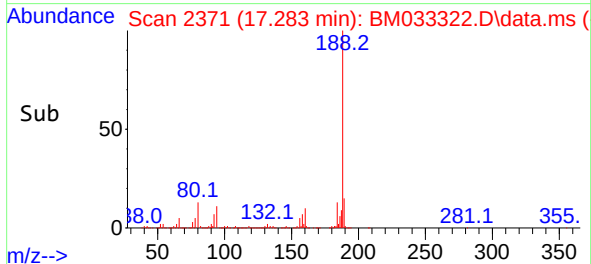
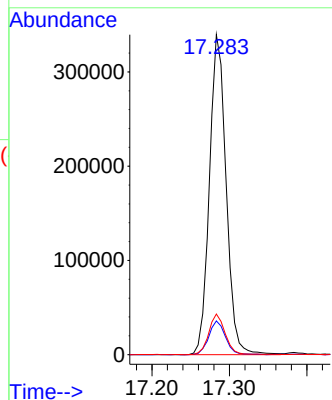
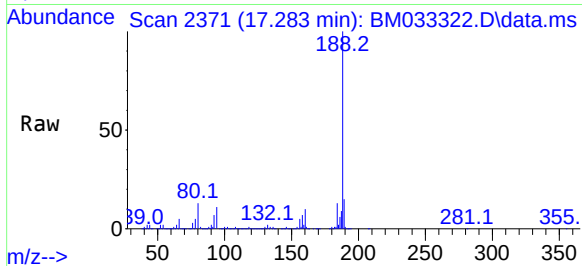




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

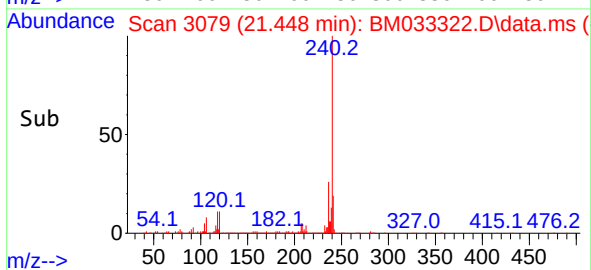
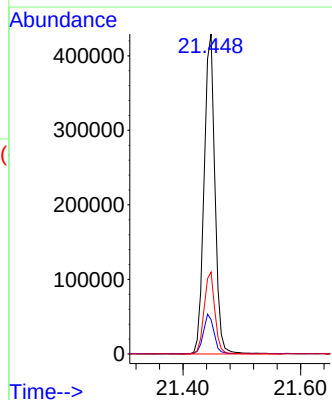
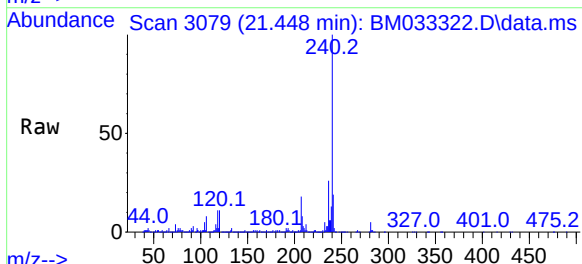
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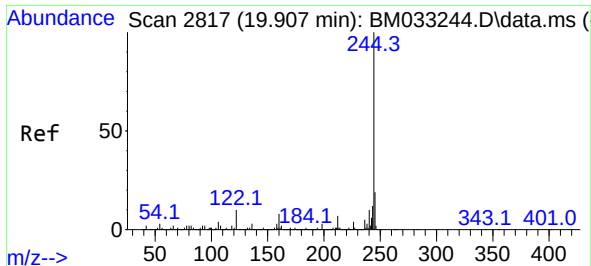
Tgt Ion:188 Resp: 509019
Ion Ratio Lower Upper
188 100
94 10.6 6.3 9.5#
80 12.7 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033322.D
Acq: 06 Dec 2021 21:01

Tgt Ion:240 Resp: 552158
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 25.6 20.9 31.3



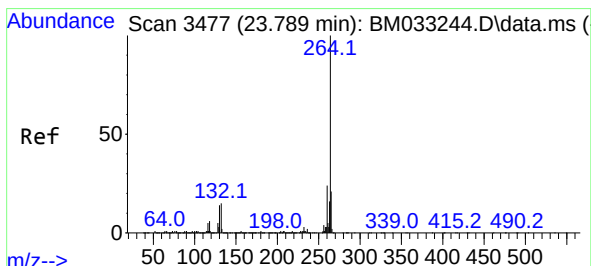
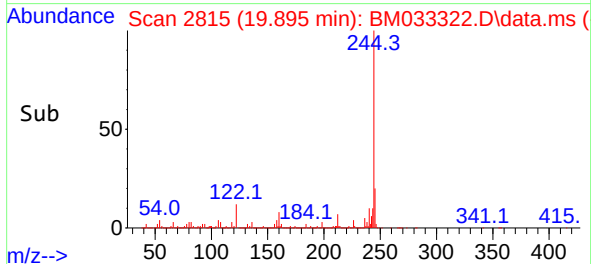
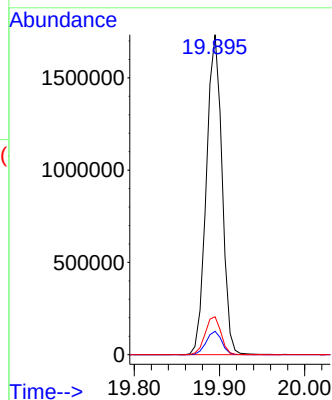
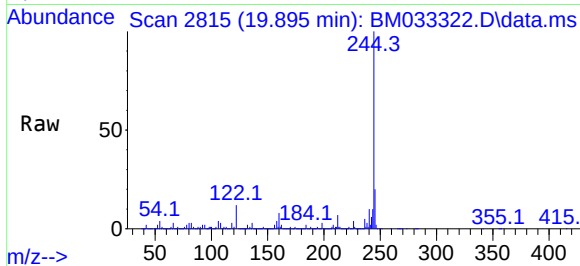


#79
 Terphenyl-d14
 Concen: 79.156 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033322.D
 Acq: 06 Dec 2021 21:01

Instrument :
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 ClientSampleId :
 MW-38I

Tgt Ion:244 Resp: 2210308

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	11.9	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3475
 Delta R.T. -0.012 min
 Lab File: BM033322.D
 Acq: 06 Dec 2021 21:01

Tgt Ion:264 Resp: 591203

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.4	18.3	27.5

