

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033320.D
 Acq On : 06 Dec 2021 19:49
 Operator : CG/JU
 Sample : M4918-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-37

Quant Time: Dec 07 03:08:49 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	118224	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	462247	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	275958	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	594422	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	636815	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	654489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	410905	57.396	ng	0.00
7) Phenol-d6	7.101	99	342676	35.740	ng	0.00
23) Nitrobenzene-d5	9.084	82	886028	88.984	ng	-0.02
42) 2,4,6-Tribromophenol	16.036	330	360453	119.823	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1614087	82.489	ng	-0.01
79) Terphenyl-d14	19.895	244	2500449	77.642	ng	-0.01

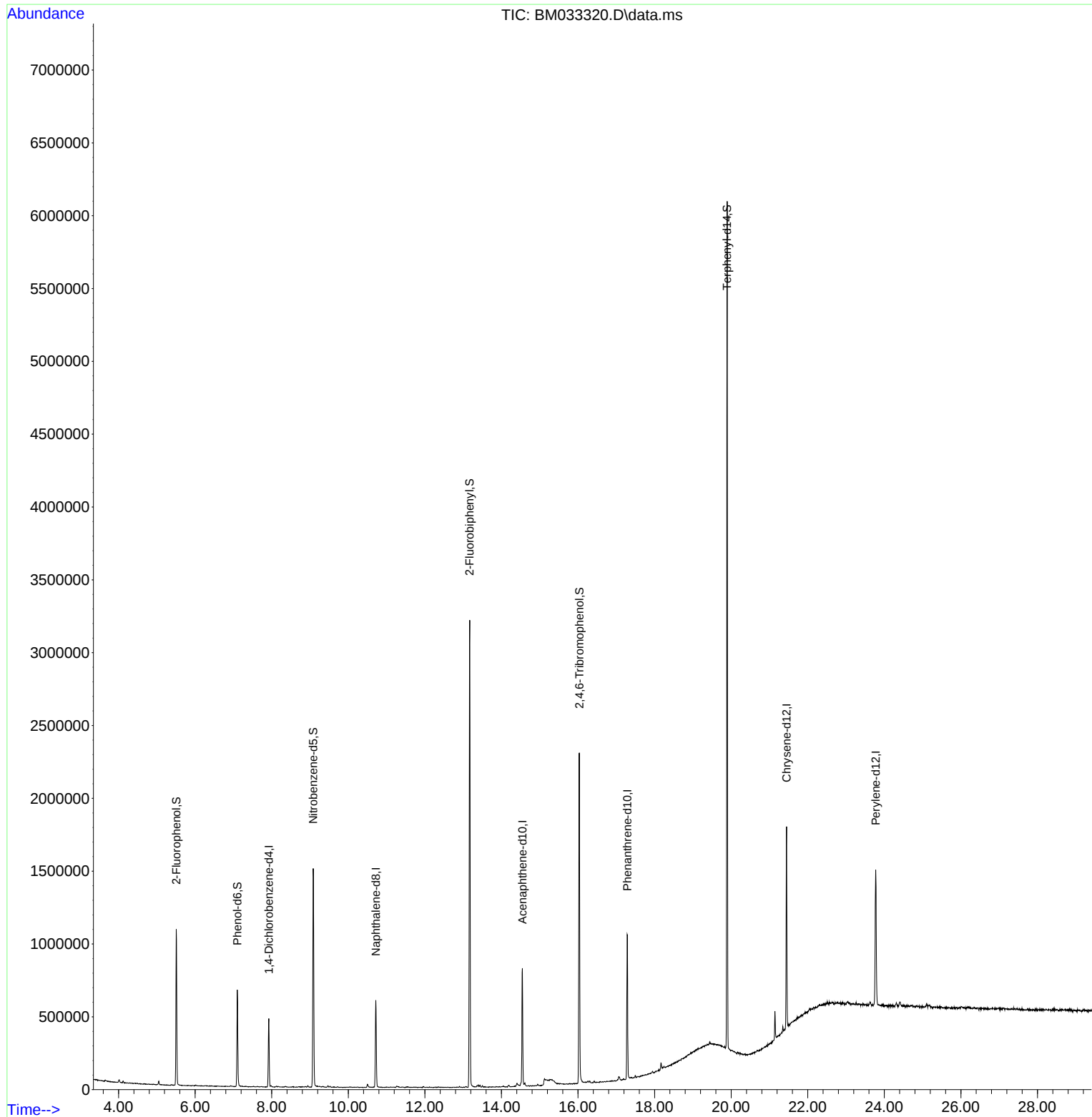
Target Compounds	Qvalue

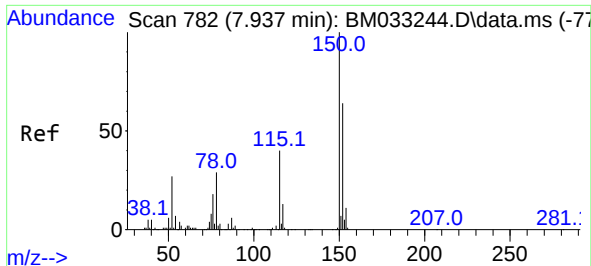
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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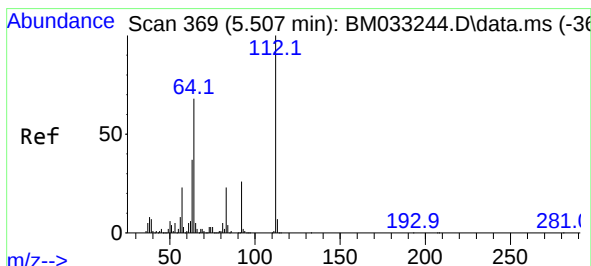
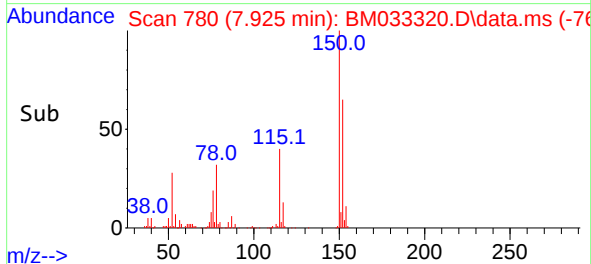
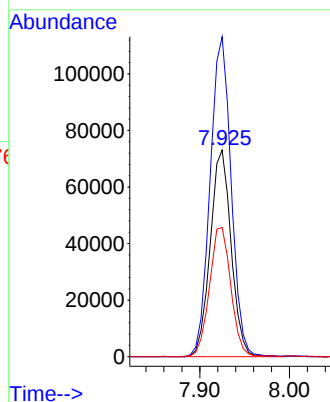
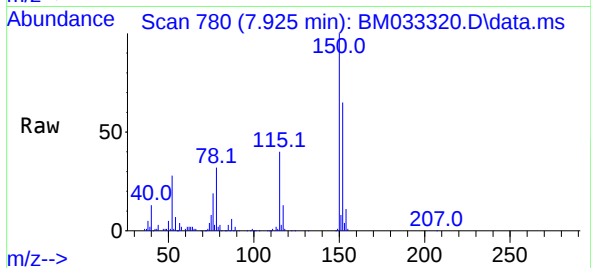




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

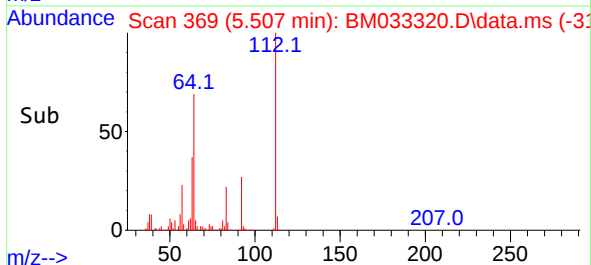
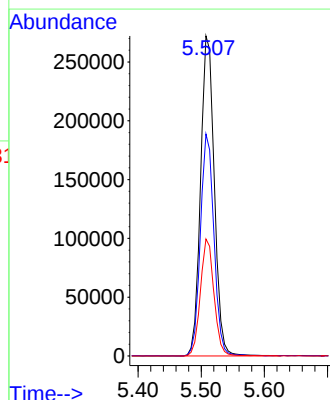
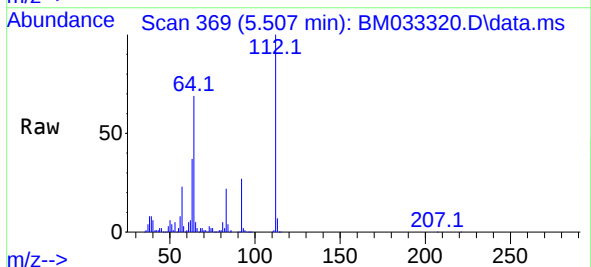
Instrument :
BNA_M
ClientSampleId :
MW-37

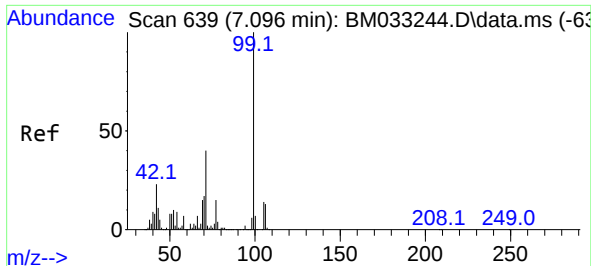
Tgt Ion:152 Resp: 118224
Ion Ratio Lower Upper
152 100
150 154.9 122.4 183.6
115 62.6 53.8 80.8



#5
2-Fluorophenol
Concen: 57.396 ng
RT: 5.507 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

Tgt Ion:112 Resp: 410905
Ion Ratio Lower Upper
112 100
64 69.3 53.7 80.5
63 36.6 33.9 50.9

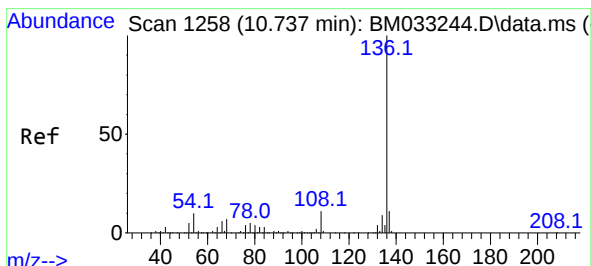
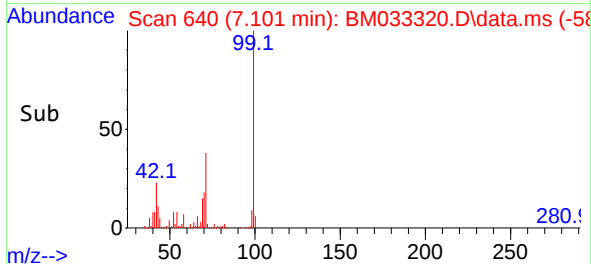
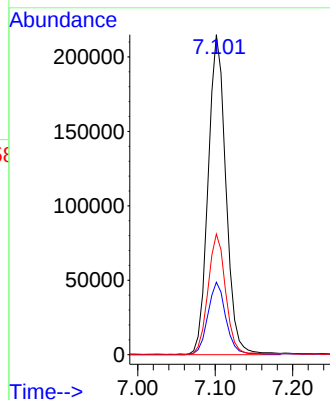
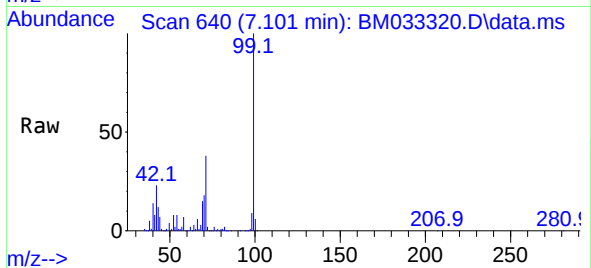




#7
Phenol-d6
Concen: 35.740 ng
RT: 7.101 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

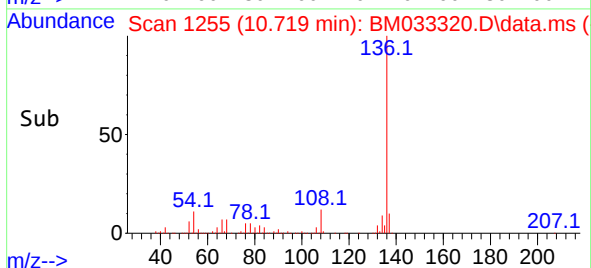
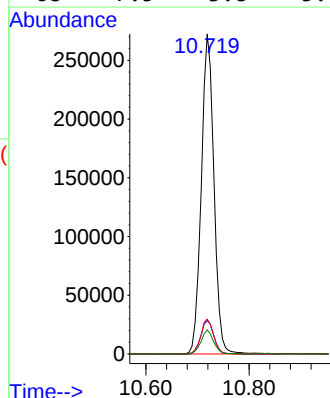
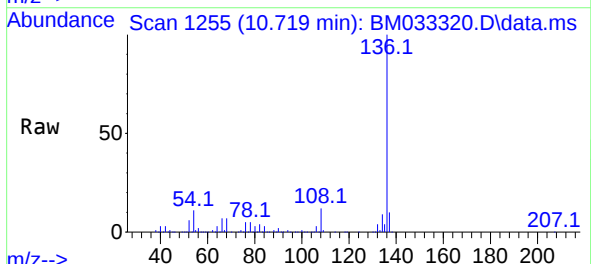
Instrument :
BNA_M
ClientSampleId :
MW-37

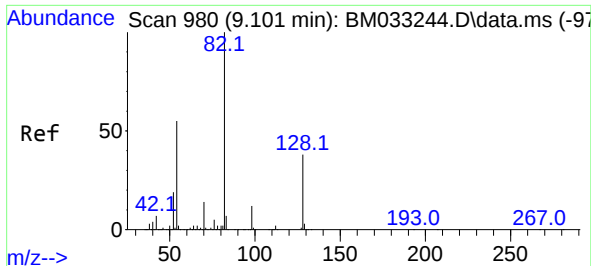
Tgt Ion: 99 Resp: 342676
Ion Ratio Lower Upper
99 100
42 22.6 23.0 34.6#
71 37.7 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

Tgt Ion: 136 Resp: 462247
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.9 7.4 11.0
68 7.5 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 88.984 ng

RT: 9.084 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM033320.D

Acq: 06 Dec 2021 19:49

Instrument :

BNA_M

ClientSampleId :

MW-37

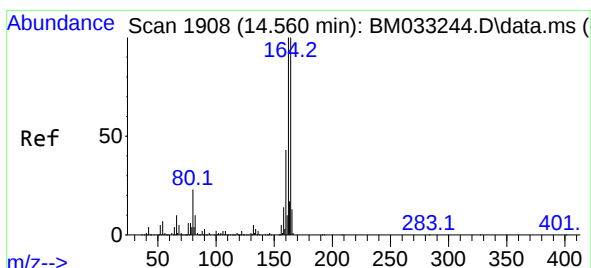
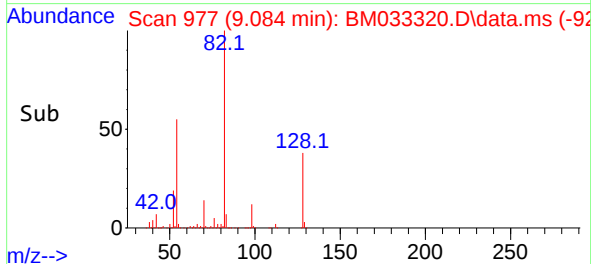
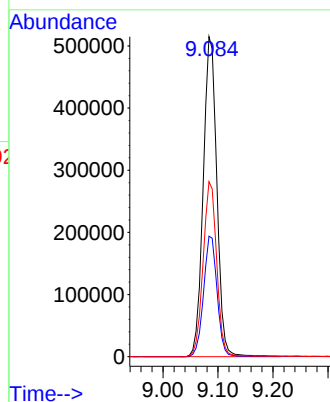
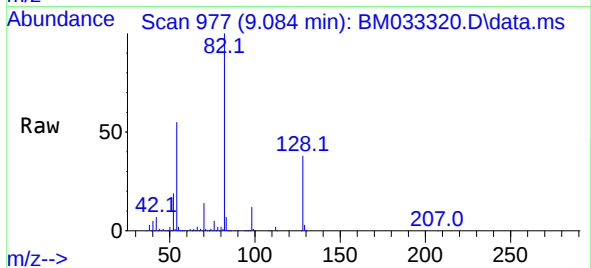
Tgt Ion: 82 Resp: 886028

Ion Ratio Lower Upper

82 100

128 37.7 29.0 43.6

54 54.7 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: BM033320.D

Acq: 06 Dec 2021 19:49

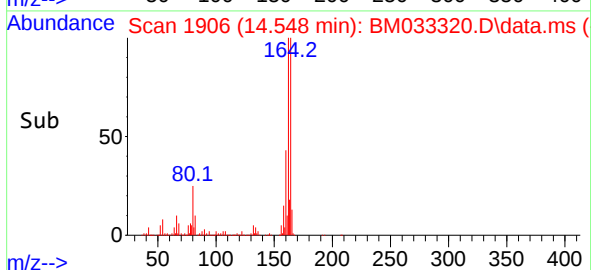
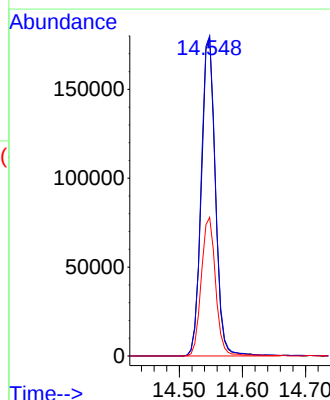
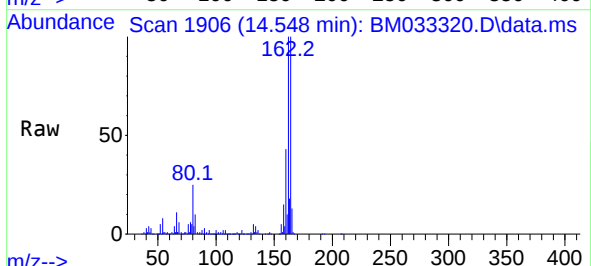
Tgt Ion: 164 Resp: 275958

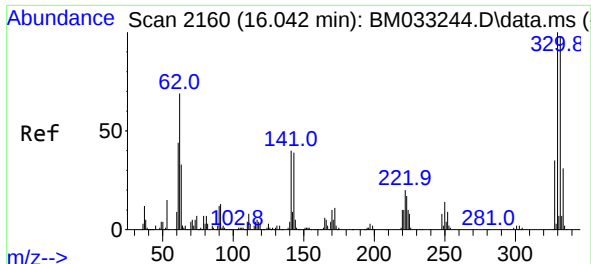
Ion Ratio Lower Upper

164 100

162 100.3 80.6 121.0

160 43.4 35.1 52.7

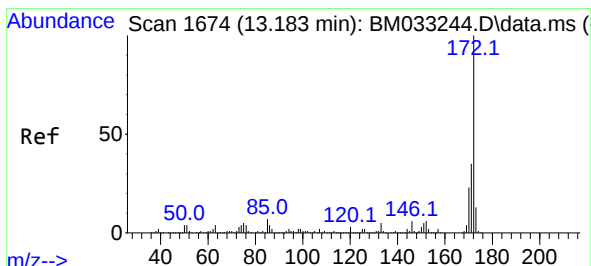
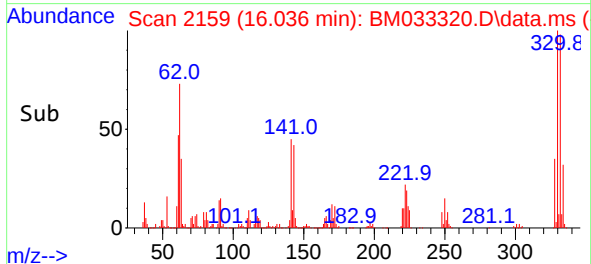
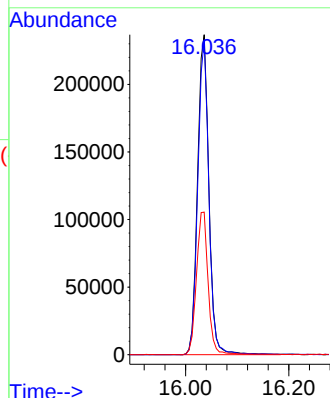
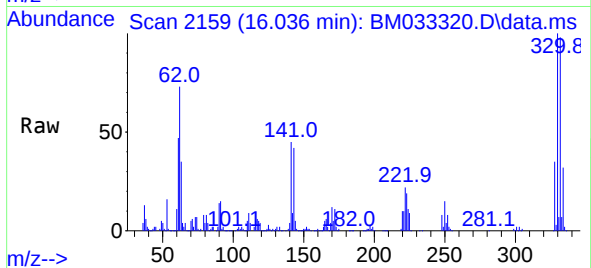




#42
2,4,6-Tribromophenol
Concen: 119.823 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

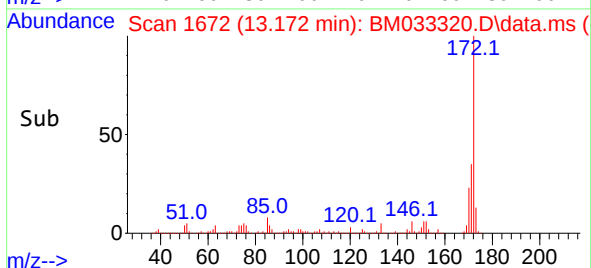
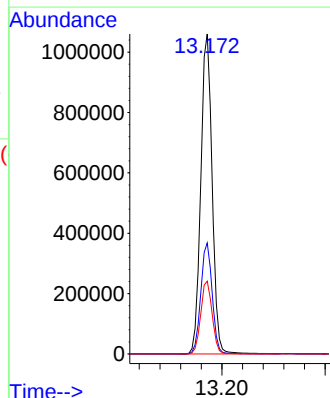
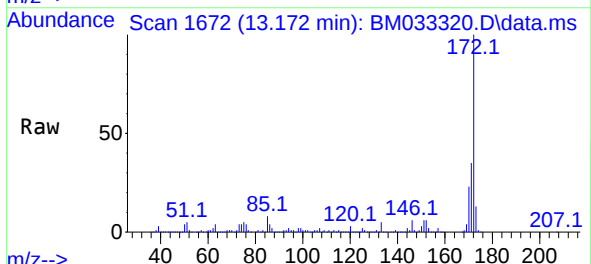
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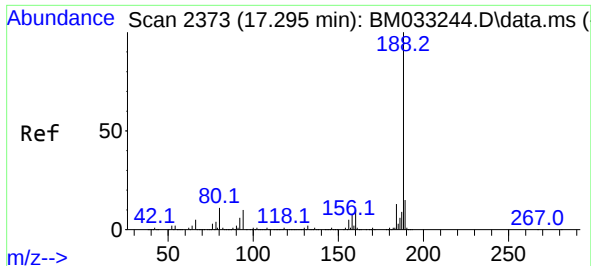
Tgt Ion:330 Resp: 360453
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 46.0 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 82.489 ng
RT: 13.172 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

Tgt Ion:172 Resp: 1614087
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.7 18.6 27.8

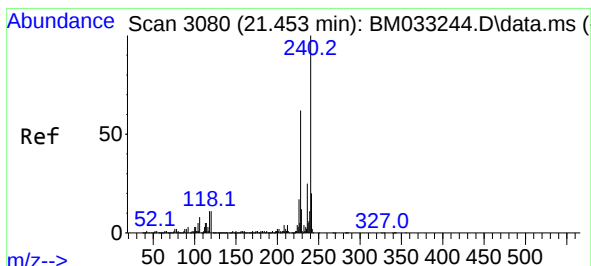
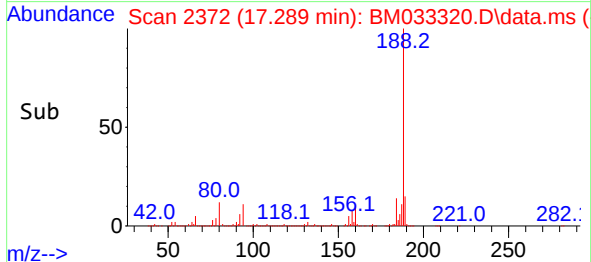
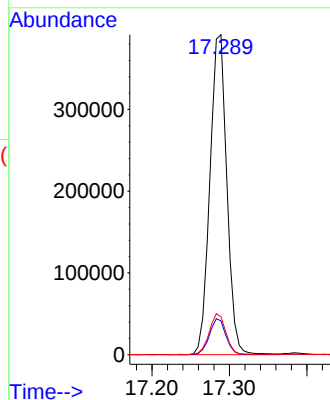
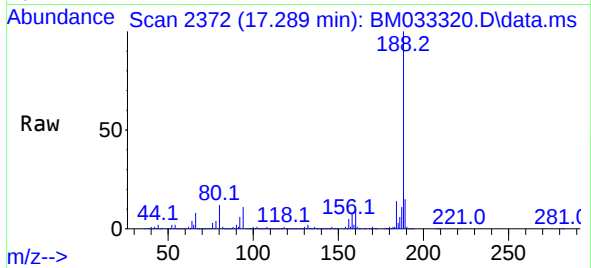




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

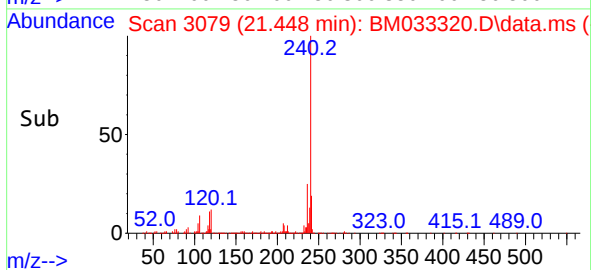
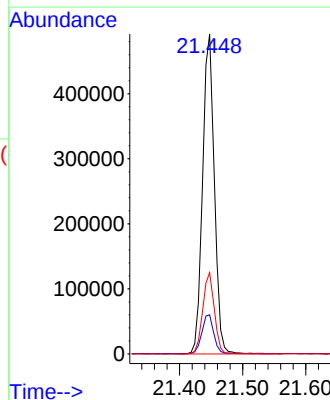
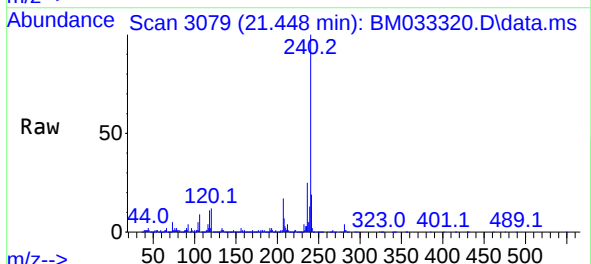
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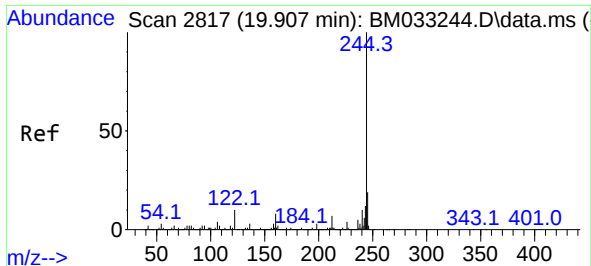
Tgt Ion:188 Resp: 594422
Ion Ratio Lower Upper
188 100
94 10.6 6.3 9.5#
80 11.8 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033320.D
Acq: 06 Dec 2021 19:49

Tgt Ion:240 Resp: 636815
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 25.4 20.9 31.3

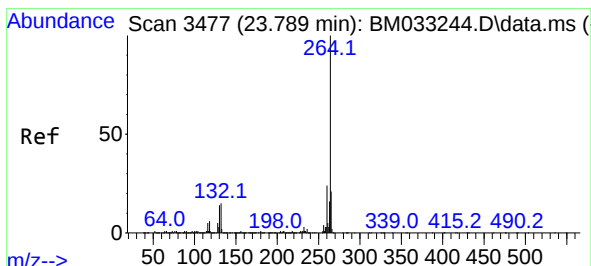
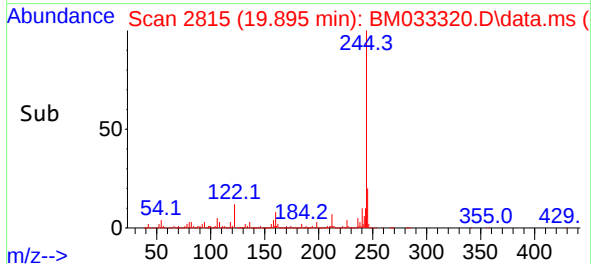
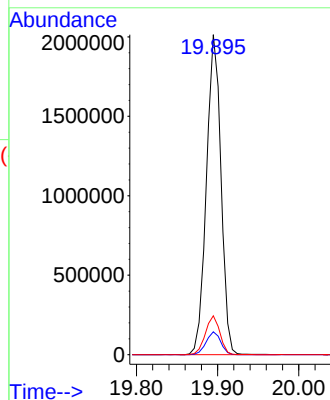
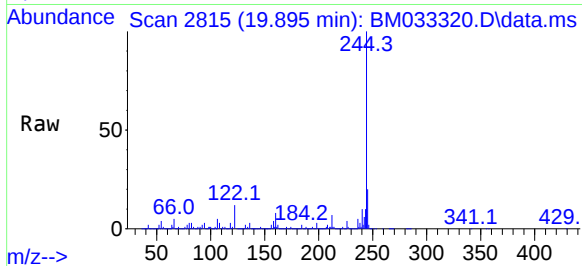




#79
 Terphenyl-d14
 Concen: 77.642 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033320.D
 Acq: 06 Dec 2021 19:49

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2500449
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 12.2 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: BM033320.D
 Acq: 06 Dec 2021 19:49

Tgt Ion:264 Resp: 654489
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 22.7 18.3 27.5

