

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033312.D
 Acq On : 06 Dec 2021 14:59
 Operator : CG/JU
 Sample : M4917-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-35

Quant Time: Dec 07 03:07:20 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)

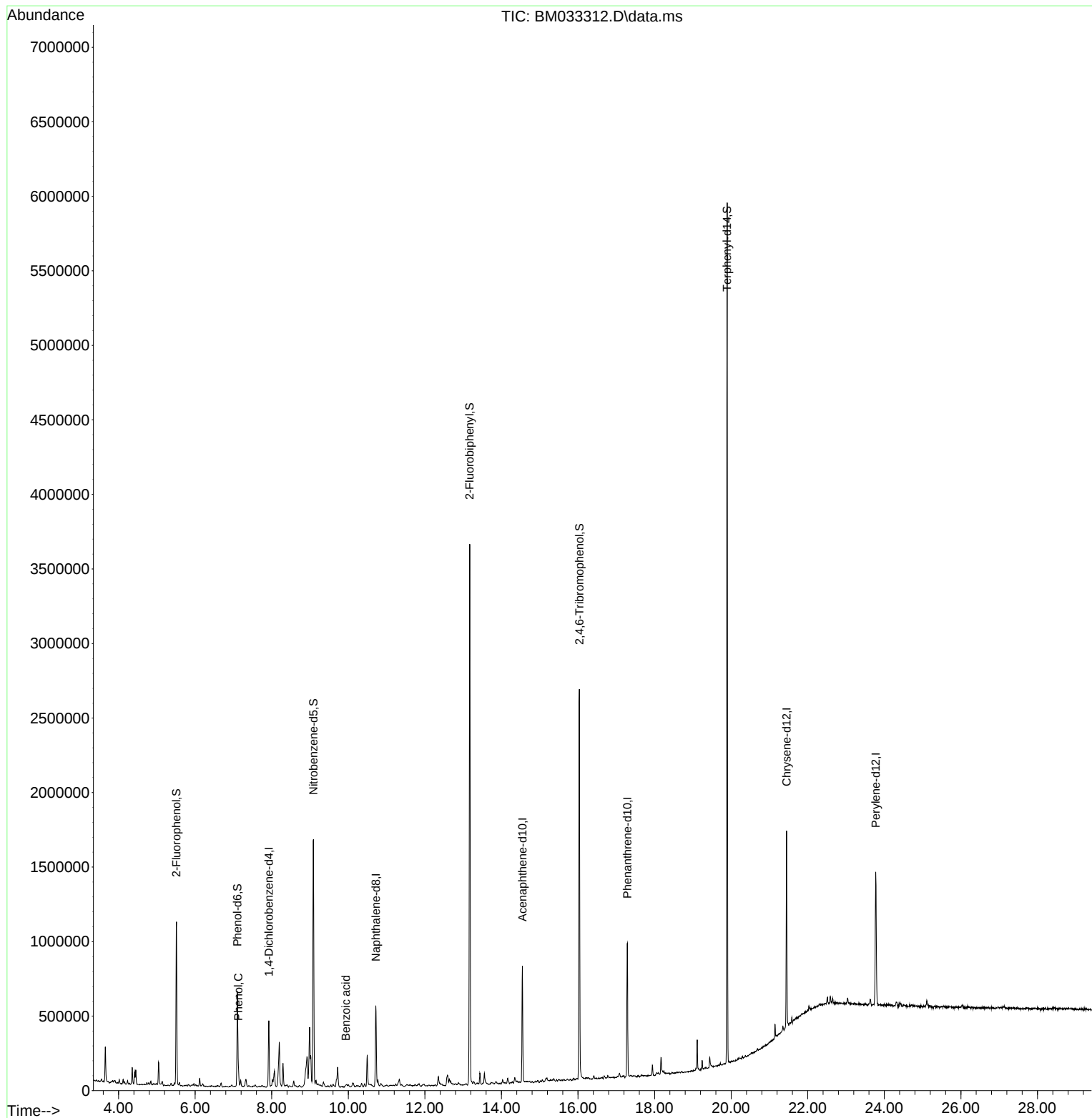
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	110038	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	427629	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	262323	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	553115	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	582659	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	605793	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	433826	65.106	ng	0.00
7) Phenol-d6	7.101	99	333095	37.325	ng	0.00
23) Nitrobenzene-d5	9.089	82	983675	106.788	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	409665	143.261	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1745248	93.828	ng	-0.01
79) Terphenyl-d14	19.895	244	2563767	87.007	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.078	77	494	Below Cal	#	16
10) Phenol	7.131	94	54045	5.988	ng	89
32) Benzoic acid	9.936	122	3248	6.007	ng	# 21

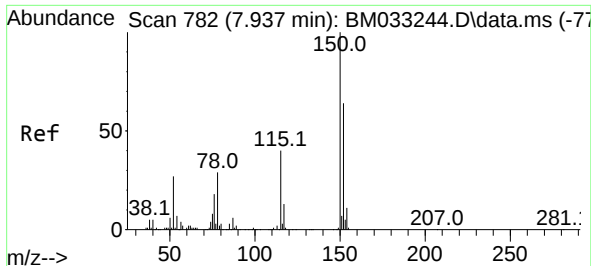
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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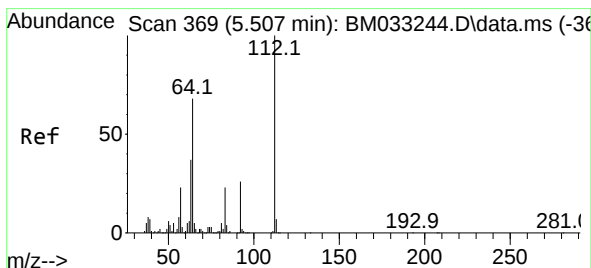
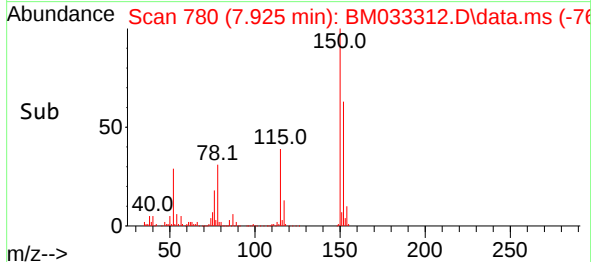
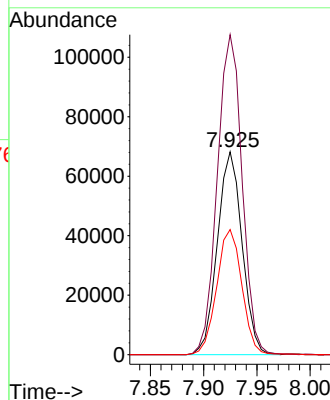
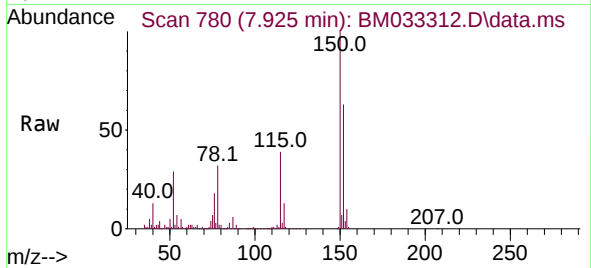




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

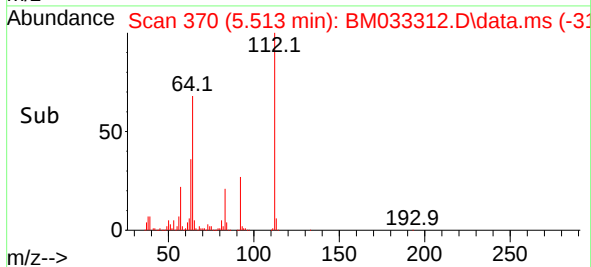
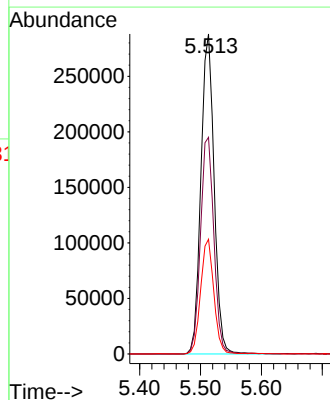
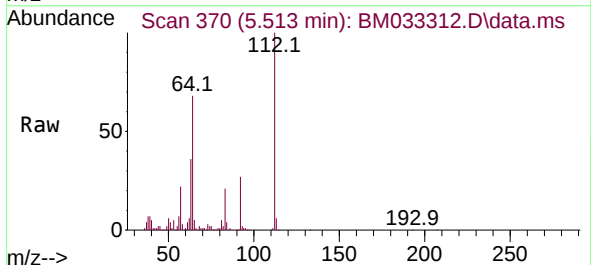
Instrument :
BNA_M
ClientSampleId :
MW-35

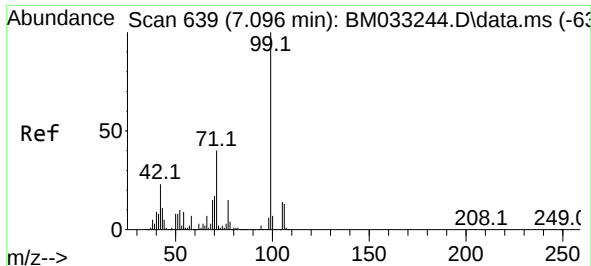
Tgt Ion:152 Resp: 110038
Ion Ratio Lower Upper
152 100
150 157.7 122.4 183.6
115 61.7 53.8 80.8



#5
2-Fluorophenol
Concen: 65.106 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion:112 Resp: 433826
Ion Ratio Lower Upper
112 100
64 67.7 53.7 80.5
63 35.9 33.9 50.9

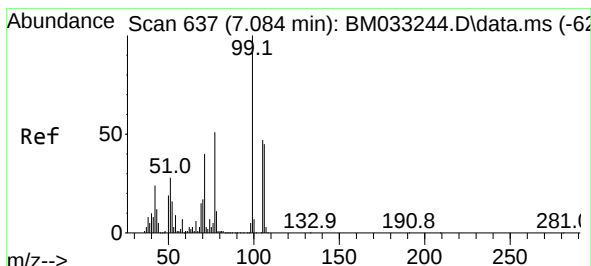
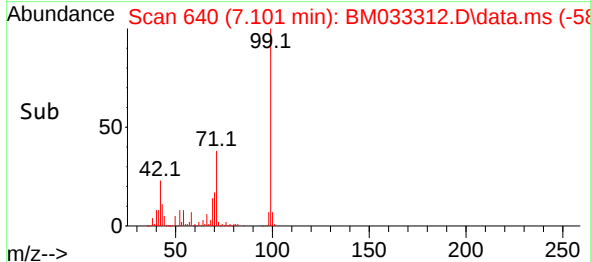
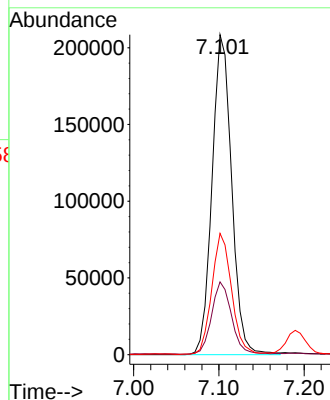
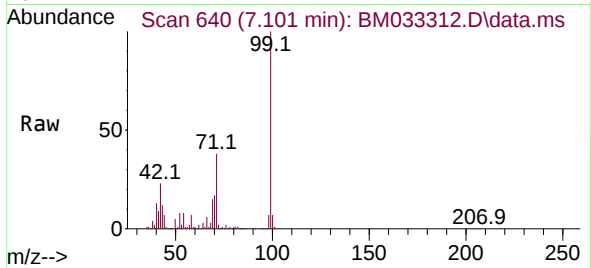




#7
Phenol-d6
Concen: 37.325 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

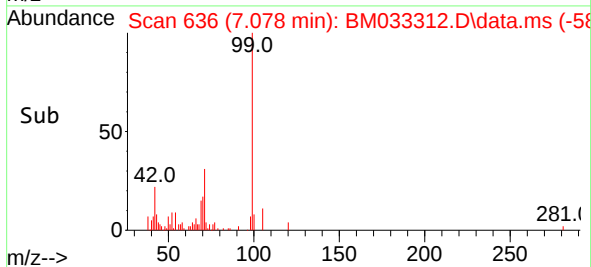
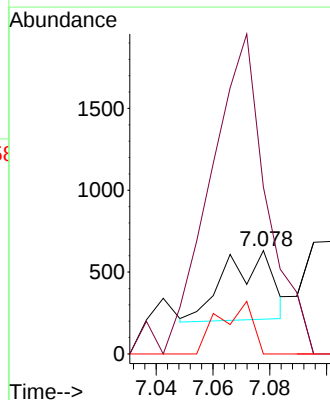
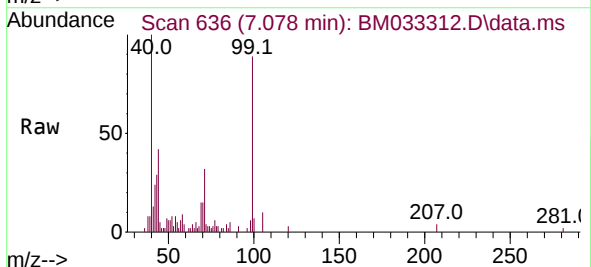
Instrument :
BNA_M
ClientSampleId :
MW-35

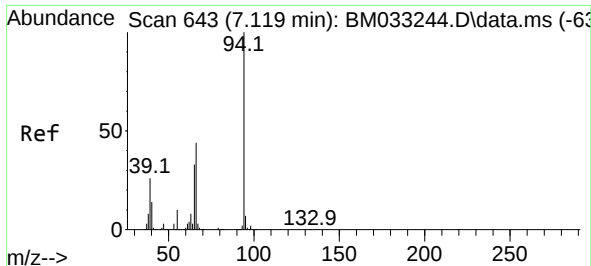
Tgt Ion: 99 Resp: 333095
Ion Ratio Lower Upper
99 100
42 22.8 23.0 34.6#
71 37.9 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 636
Delta R.T. -0.006 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion: 77 Resp: 494
Ion Ratio Lower Upper
77 100
105 161.5 68.9 108.9#
106 0.0 61.2 101.2#

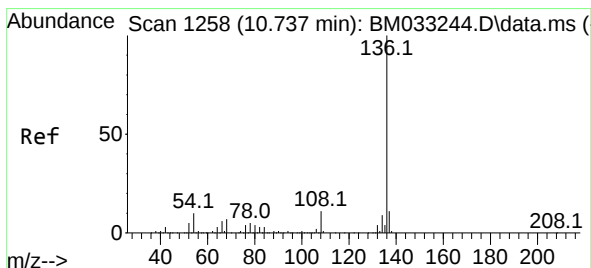
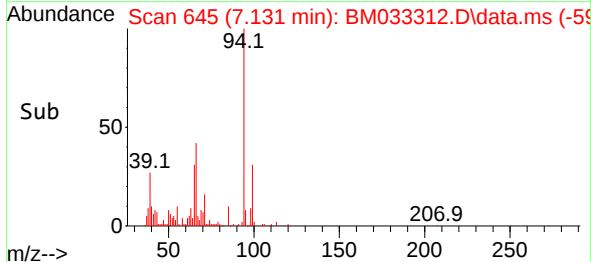
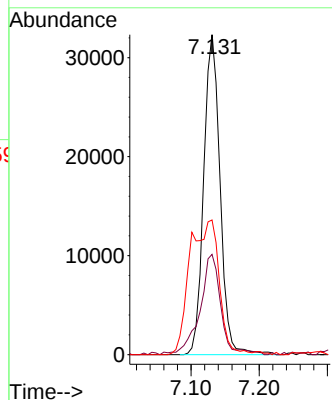
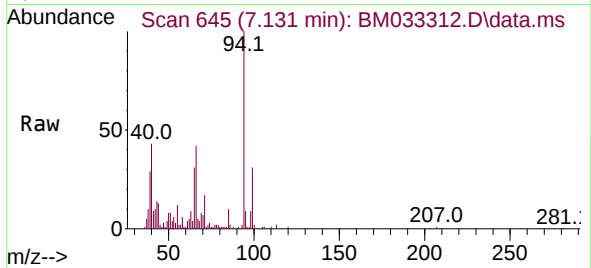




#10
Phenol
Concen: 5.988 ng
RT: 7.131 min Scan# 64
Delta R.T. 0.012 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

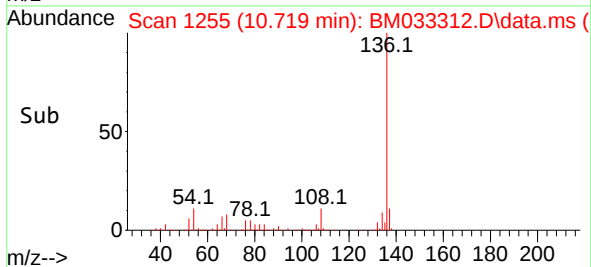
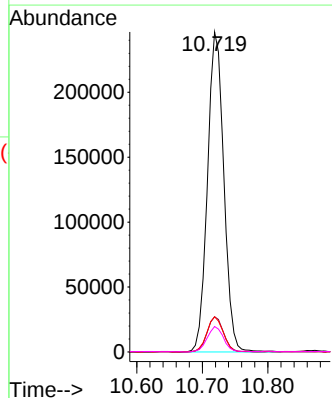
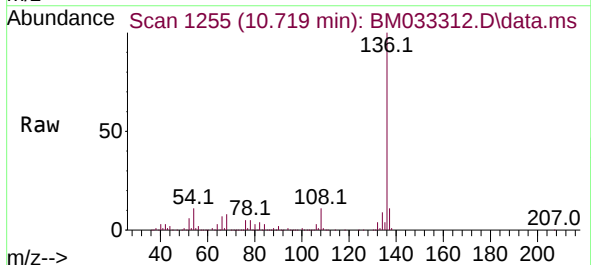
Instrument :
BNA_M
ClientSampleId :
MW-35

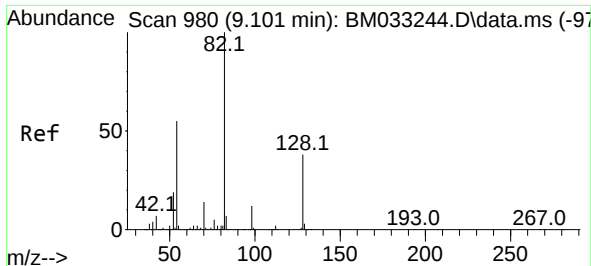
Tgt Ion: 94 Resp: 54045
Ion Ratio Lower Upper
94 100
65 31.4 16.9 56.9
66 42.1 30.0 70.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion: 136 Resp: 427629
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 11.0 7.4 11.0
68 7.9 3.8 5.8#

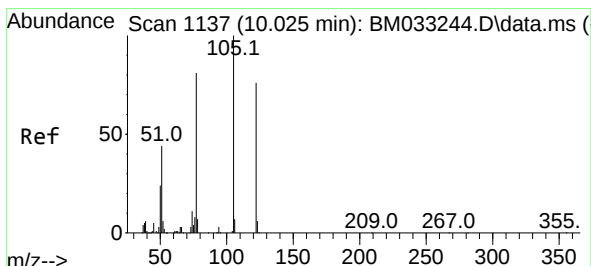
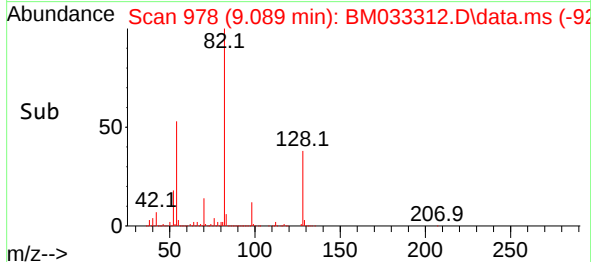
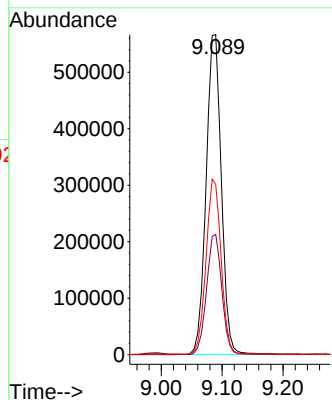
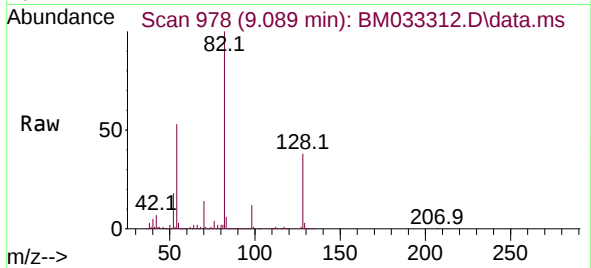




#23
Nitrobenzene-d5
Concen: 106.788 ng
RT: 9.089 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

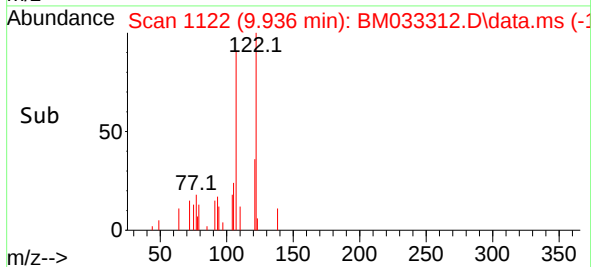
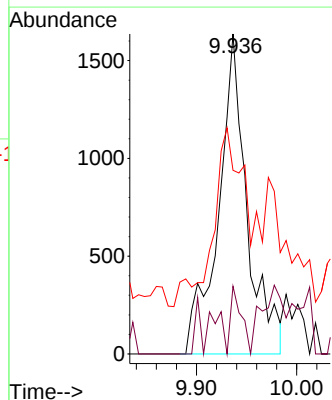
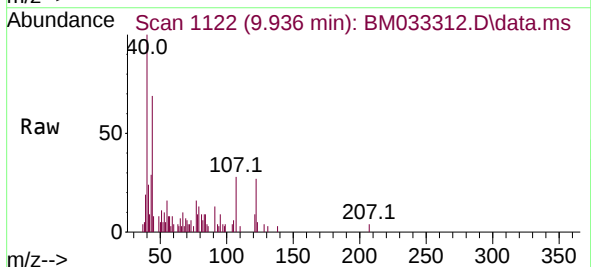
Instrument :
BNA_M
ClientSampleId :
MW-35

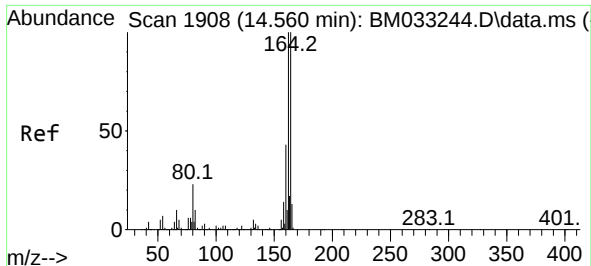
Tgt Ion: 82 Resp: 983675
Ion Ratio Lower Upper
82 100
128 37.6 29.0 43.6
54 53.2 45.8 68.8



#32
Benzoic acid
Concen: 6.007 ng
RT: 9.936 min Scan# 1122
Delta R.T. -0.089 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion: 122 Resp: 3248
Ion Ratio Lower Upper
122 100
105 21.1 120.3 160.3#
77 57.4 100.0 140.0#

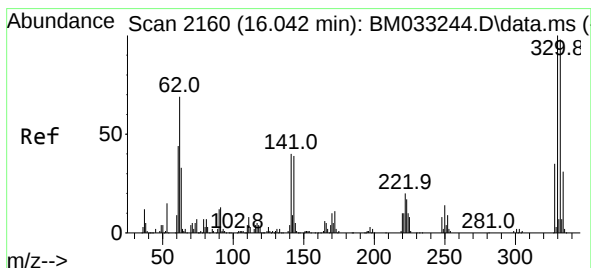
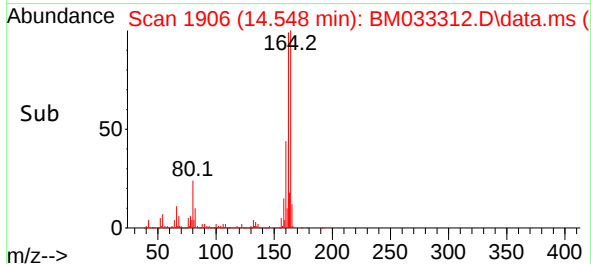
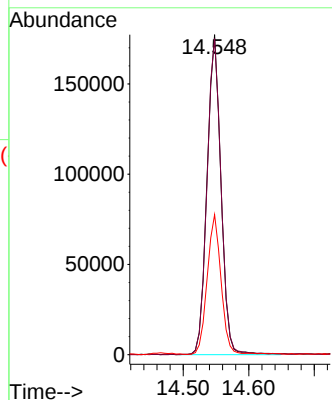
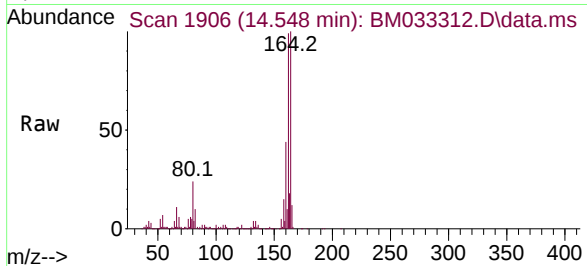




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

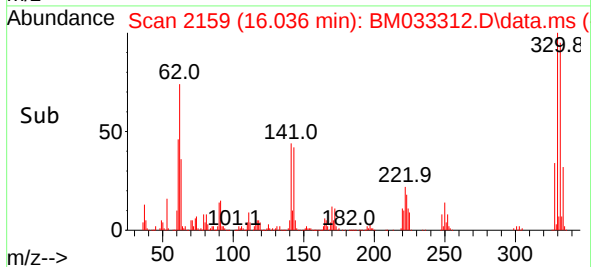
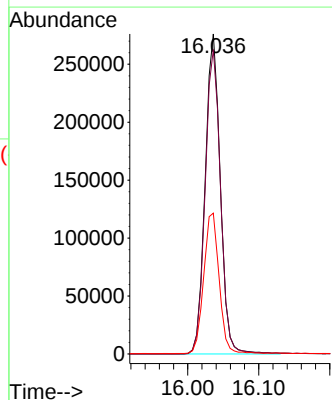
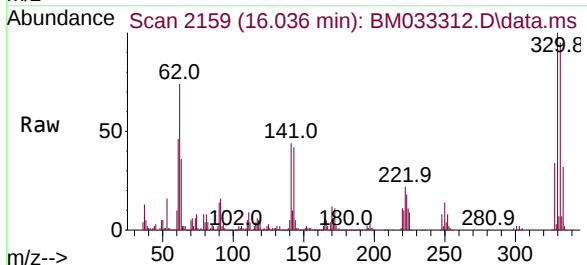
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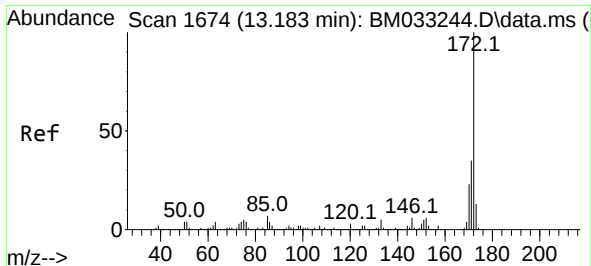
Tgt Ion:164 Resp: 262323
Ion Ratio Lower Upper
164 100
162 98.8 80.6 121.0
160 43.8 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 143.261 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion:330 Resp: 409665
Ion Ratio Lower Upper
330 100
332 97.2 75.7 113.5
141 44.7 50.7 76.1#

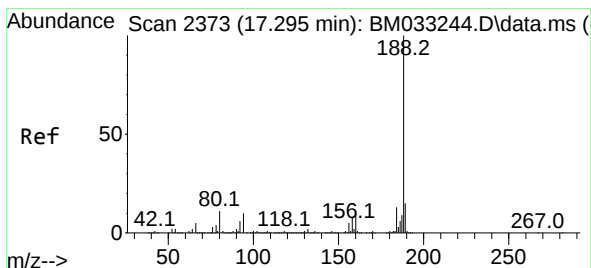
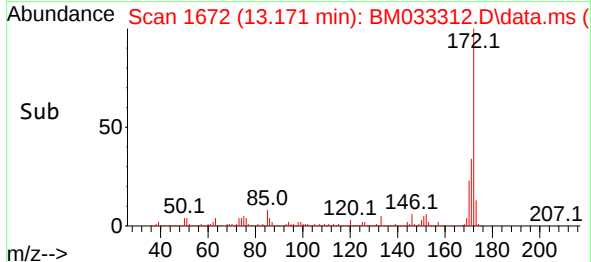
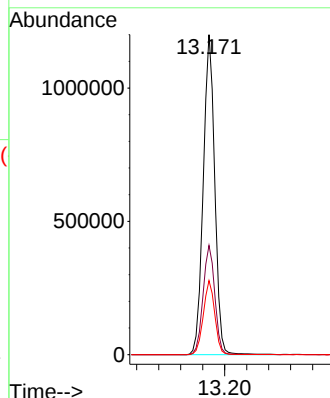
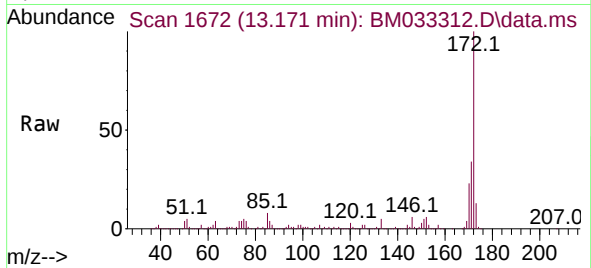




#45
2-Fluorobiphenyl
Concen: 93.828 ng
RT: 13.171 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

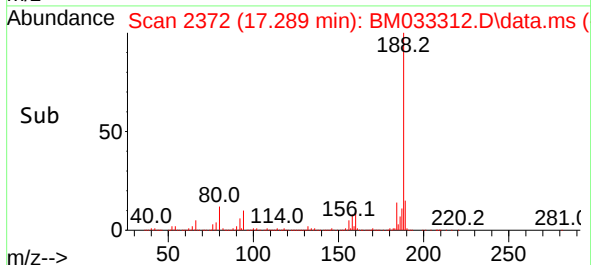
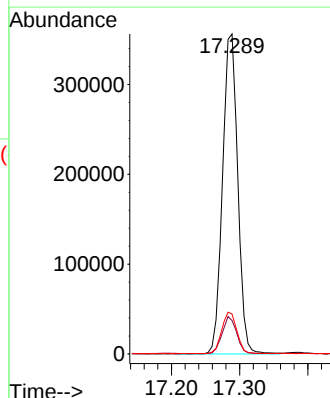
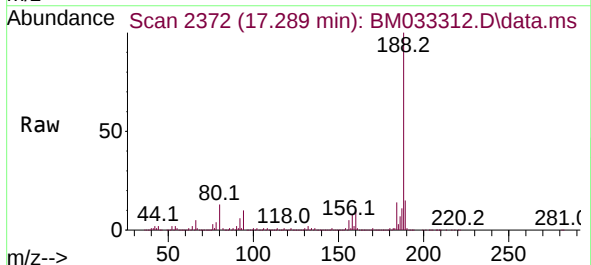
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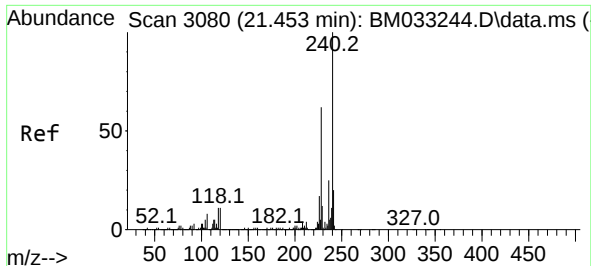
Tgt Ion:172 Resp: 1745248
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion:188 Resp: 553115
Ion Ratio Lower Upper
188 100
94 10.5 6.3 9.5#
80 12.5 7.3 10.9#

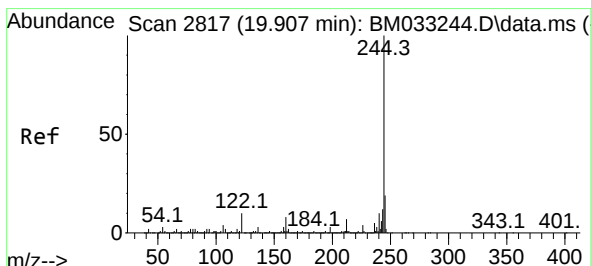
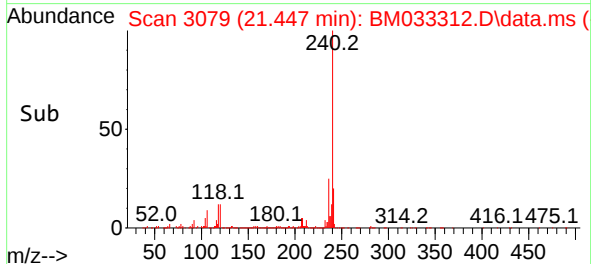
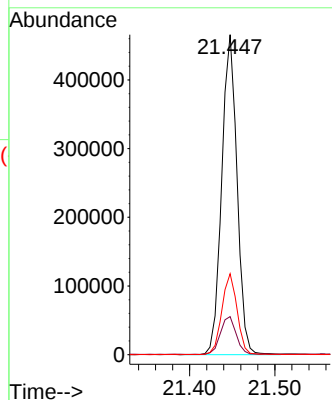
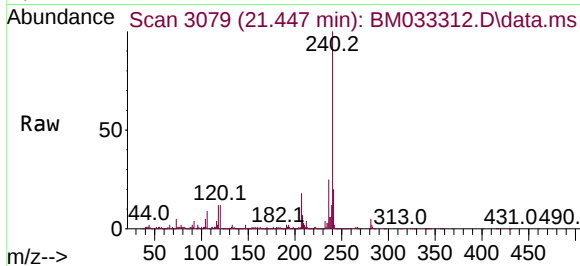




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

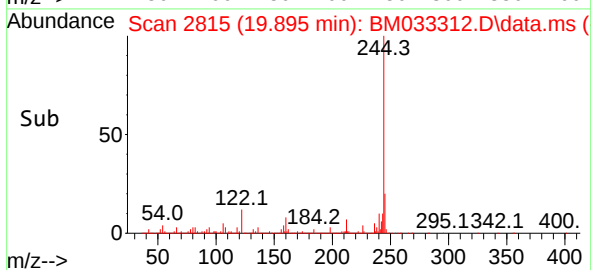
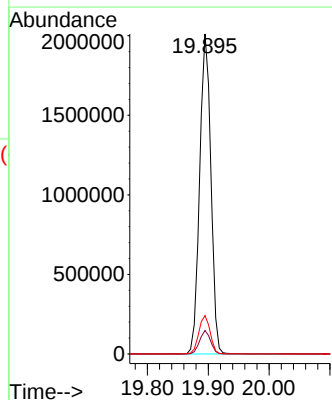
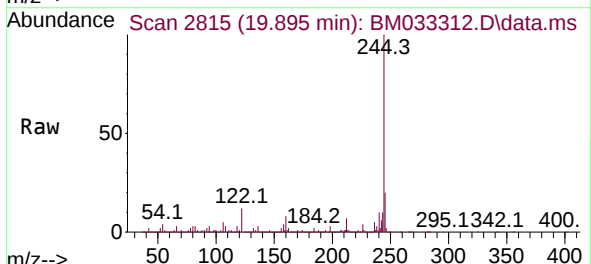
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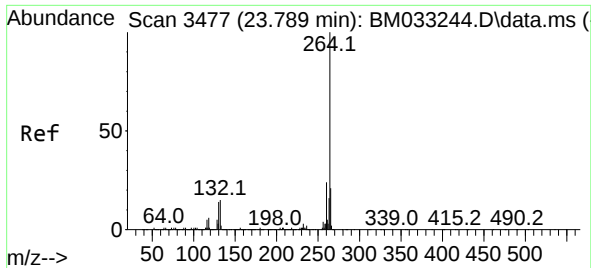
Tgt Ion:240 Resp: 582659
Ion Ratio Lower Upper
240 100
120 11.9 7.8 11.6#
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 87.007 ng
RT: 19.895 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM033312.D
Acq: 06 Dec 2021 14:59

Tgt Ion:244 Resp: 2563767
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 12.0 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.777 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM033312.D

Acq: 06 Dec 2021 14:59

Instrument :

BNA_M

ClientSampleId :

MW-35

Tgt Ion:264 Resp: 605793

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.9 18.3 27.5

