

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033319.D
 Acq On : 06 Dec 2021 19:12
 Operator : CG/JU
 Sample : M4918-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-40

Quant Time: Dec 07 03:08:39 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	120448	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	481791	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	306995	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	651943	20.000	ng	#-0.01
76) Chrysene-d12	21.442	240	672904	20.000	ng	#-0.01
86) Perylene-d12	23.777	264	685483	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	438118	60.067	ng	0.00
7) Phenol-d6	7.101	99	345023	35.320	ng	0.00
23) Nitrobenzene-d5	9.084	82	1042379	100.439	ng	-0.02
42) 2,4,6-Tribromophenol	16.036	330	466639	139.440	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1948897	89.530	ng	-0.01
79) Terphenyl-d14	19.895	244	2822291	82.936	ng	-0.01

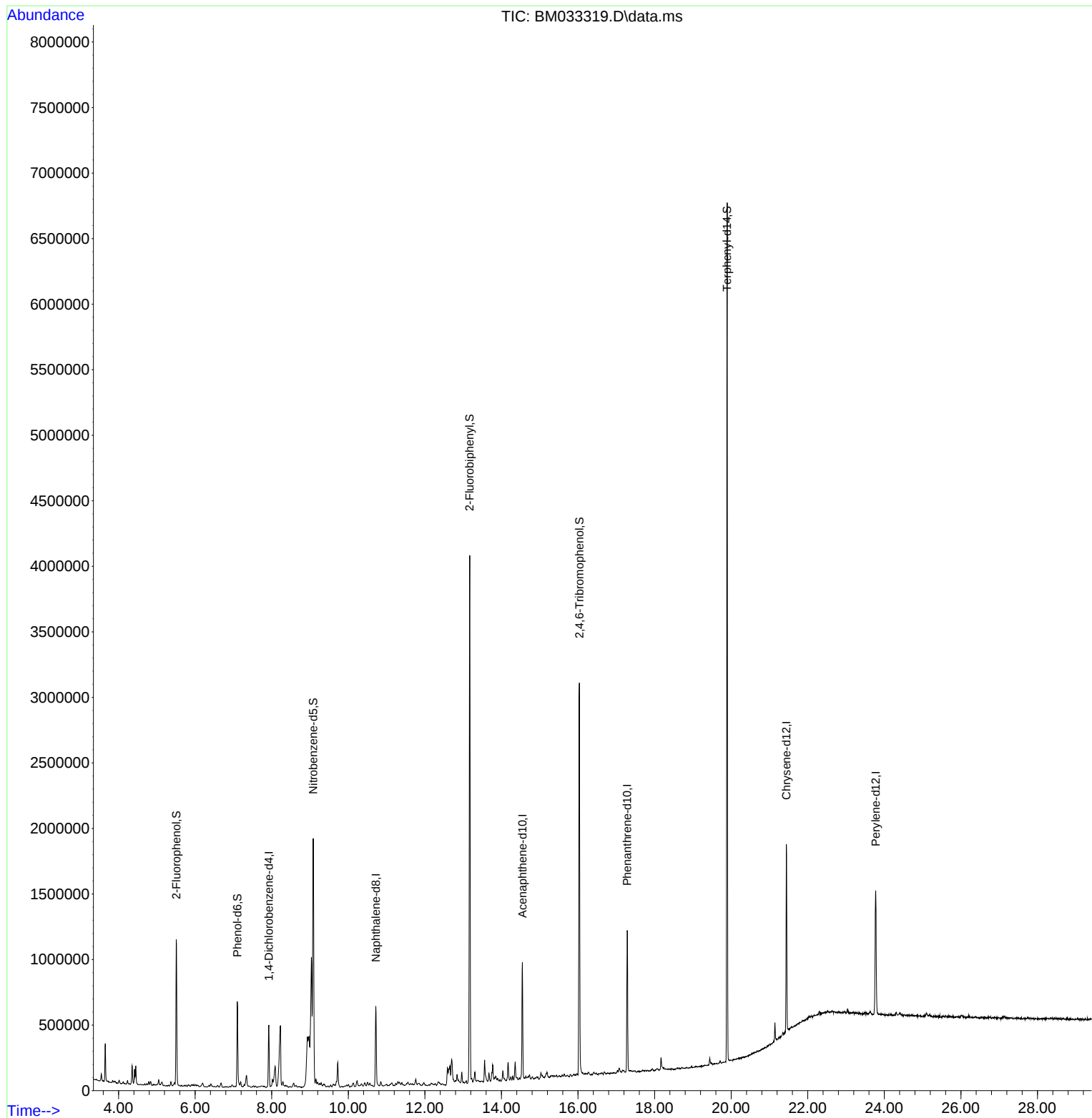
Target Compounds	Qvalue

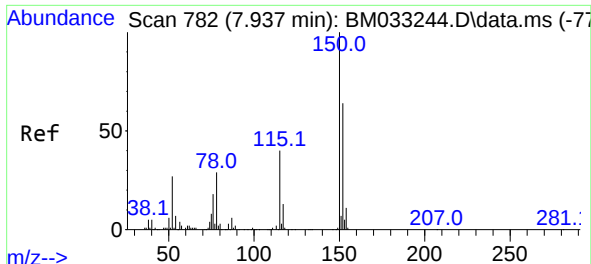
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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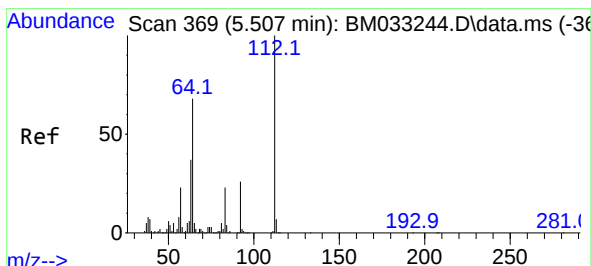
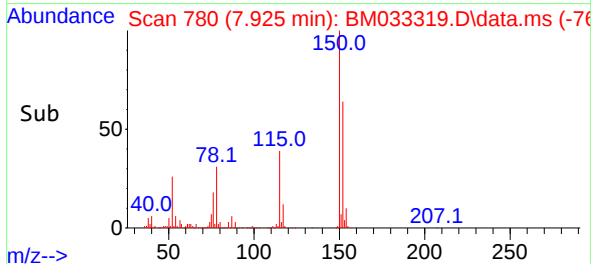
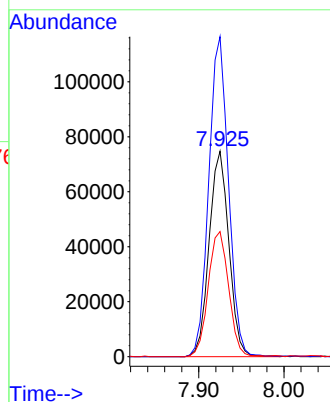
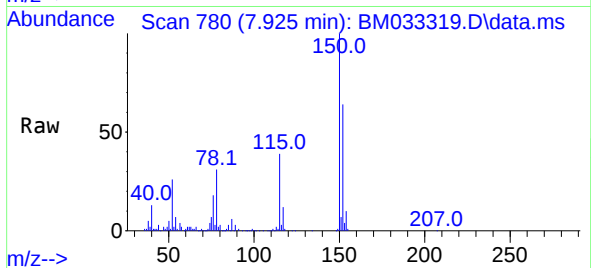




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

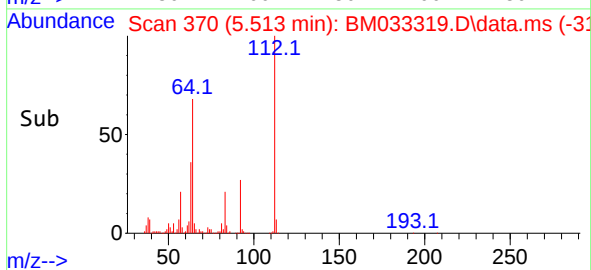
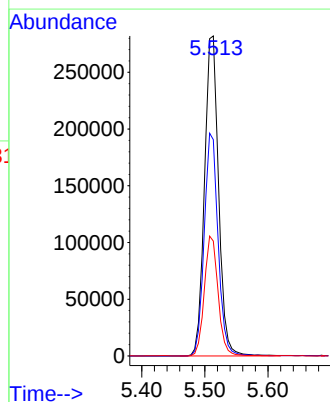
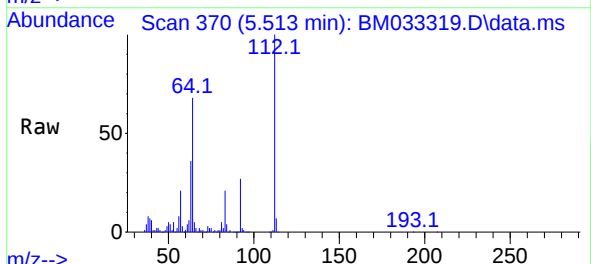
Instrument :
BNA_M
ClientSampleId :
MW-40

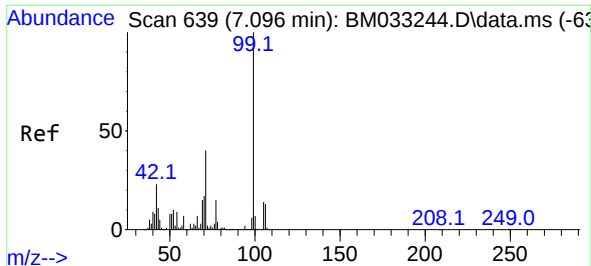
Tgt Ion:152 Resp: 120448
Ion Ratio Lower Upper
152 100
150 155.8 122.4 183.6
115 60.9 53.8 80.8



#5
2-Fluorophenol
Concen: 60.067 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

Tgt Ion:112 Resp: 438118
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 35.9 33.9 50.9

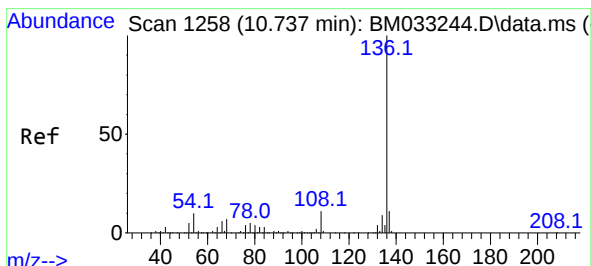
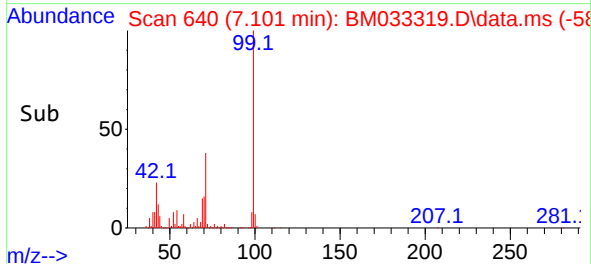
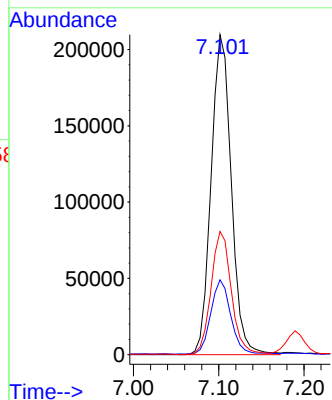
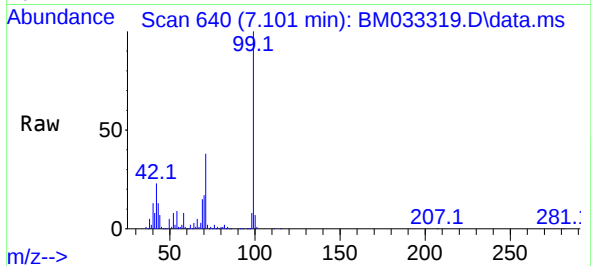




#7
Phenol-d6
Concen: 35.320 ng
RT: 7.101 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

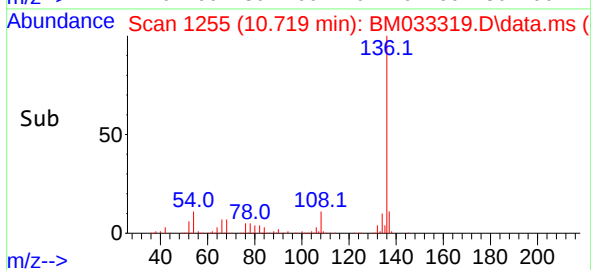
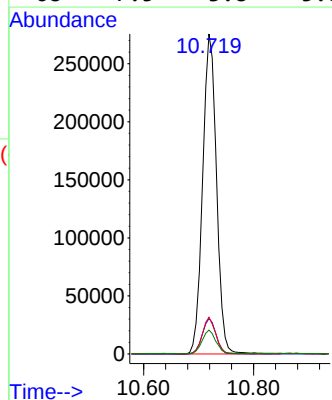
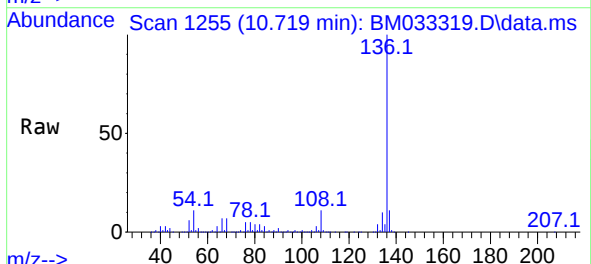
Instrument :
BNA_M
ClientSampleId :
MW-40

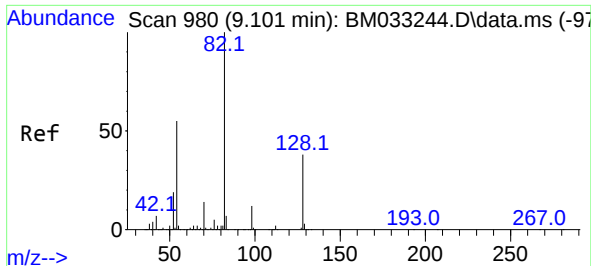
Tgt Ion: 99 Resp: 345023
Ion Ratio Lower Upper
99 100
42 23.4 23.0 34.6
71 38.5 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

Tgt Ion: 136 Resp: 481791
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.5 7.4 11.0#
68 7.5 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 100.439 ng

RT: 9.084 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM033319.D

Acq: 06 Dec 2021 19:12

Instrument :

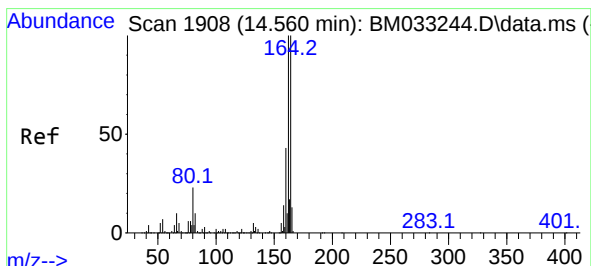
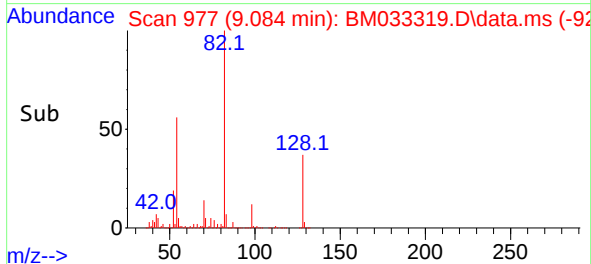
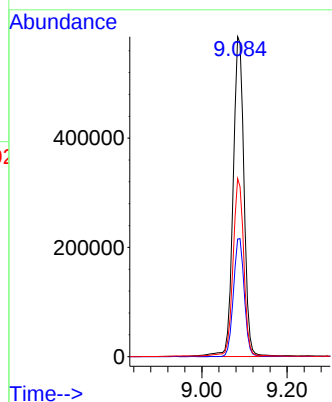
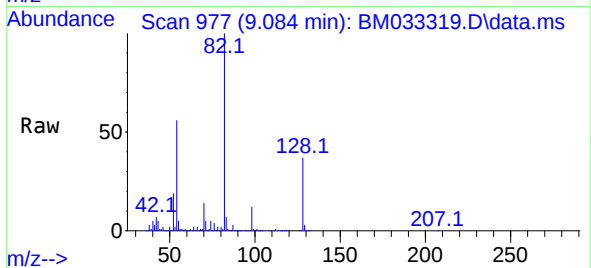
BNA_M

ClientSampleId :

MW-40

Tgt Ion: 82 Resp: 1042379

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.0	43.6
54	55.7	45.8	68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.548 min Scan# 1906

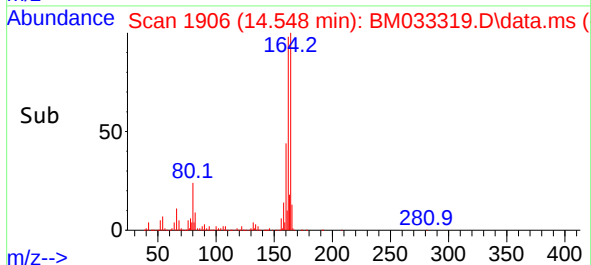
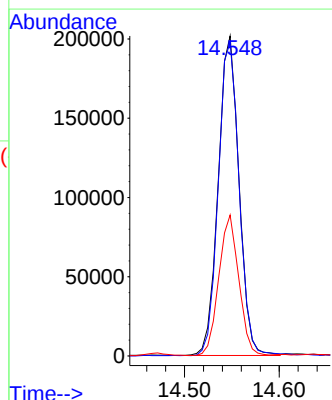
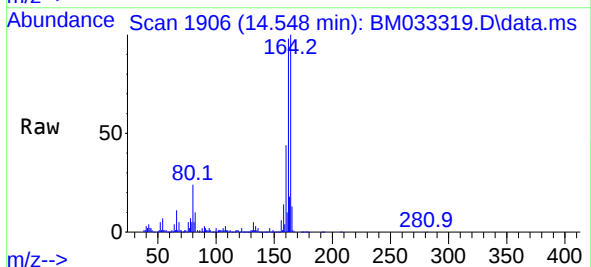
Delta R.T. -0.012 min

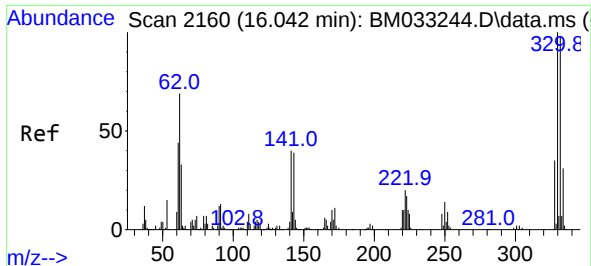
Lab File: BM033319.D

Acq: 06 Dec 2021 19:12

Tgt Ion: 164 Resp: 306995

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.6	121.0
160	44.1	35.1	52.7

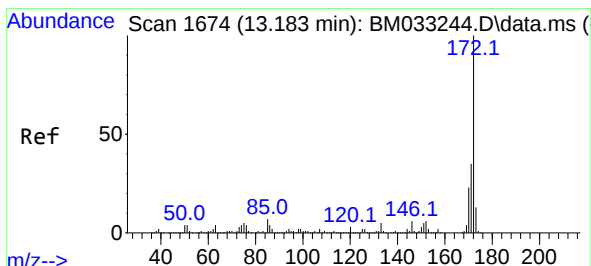
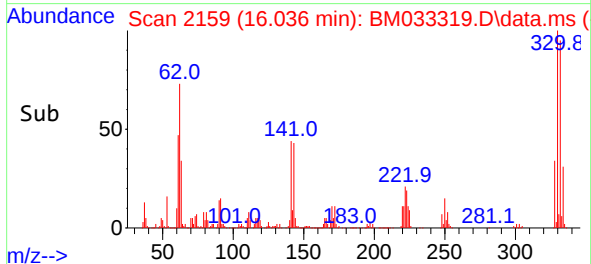
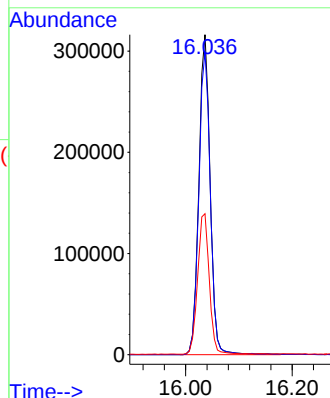
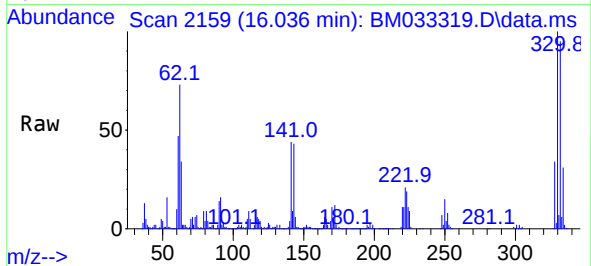




#42
2,4,6-Tribromophenol
Concen: 139.440 ng
RT: 16.036 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

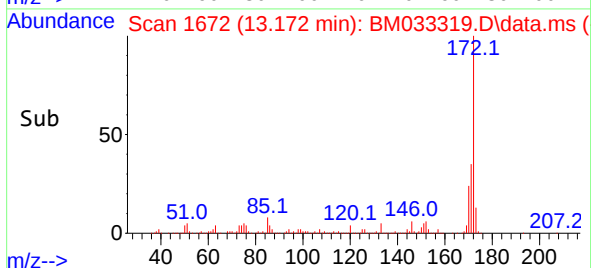
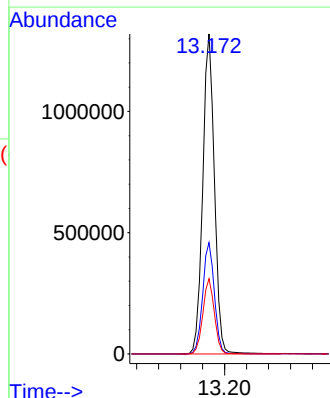
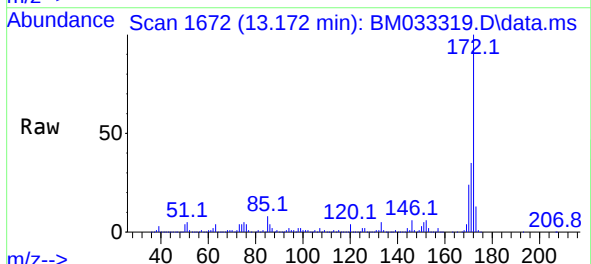
Instrument :
BNA_M
ClientSampleId :
MW-40

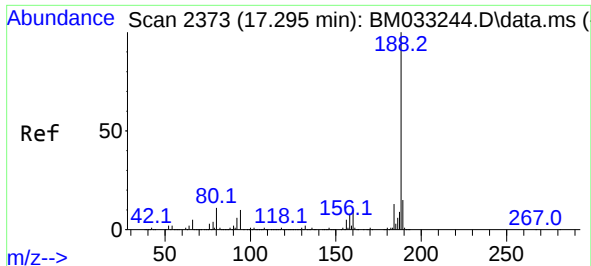
Tgt Ion:330 Resp: 466639
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 45.3 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 89.530 ng
RT: 13.172 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

Tgt Ion:172 Resp: 1948897
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.6 27.8

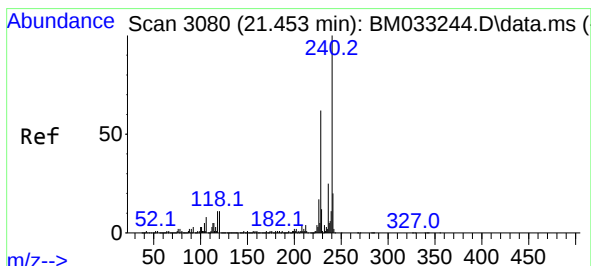
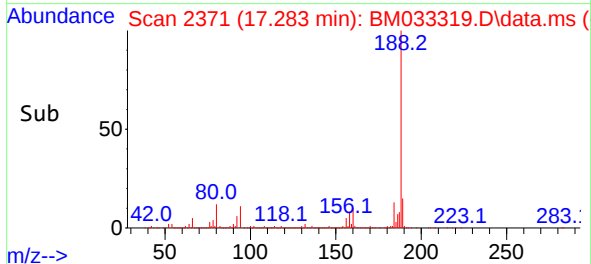
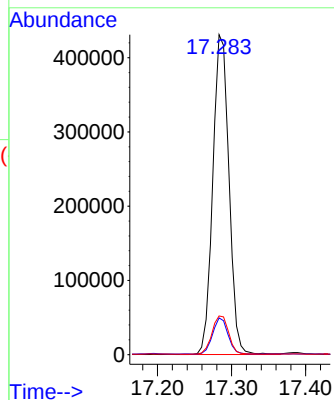
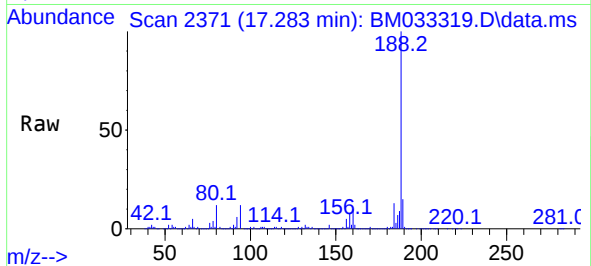




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

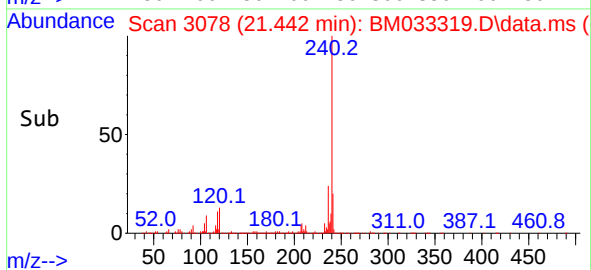
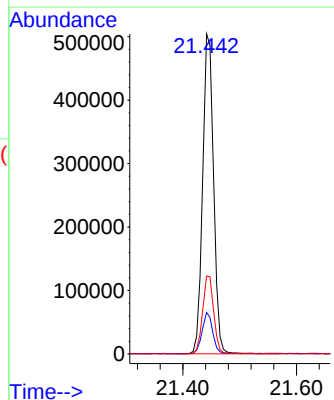
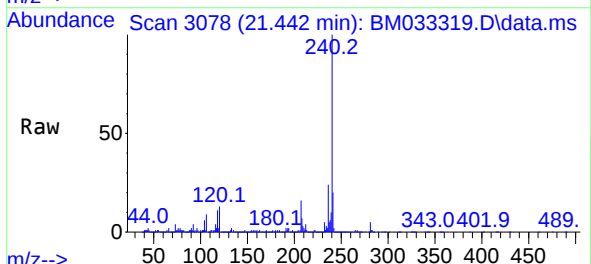
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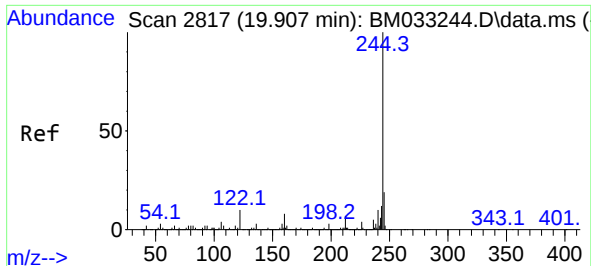
Tgt Ion:188 Resp: 651943
Ion Ratio Lower Upper
188 100
94 11.5 6.3 9.5#
80 12.1 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BM033319.D
Acq: 06 Dec 2021 19:12

Tgt Ion:240 Resp: 672904
Ion Ratio Lower Upper
240 100
120 12.9 7.8 11.6#
236 24.4 20.9 31.3

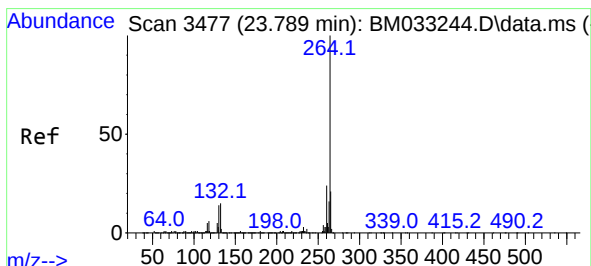
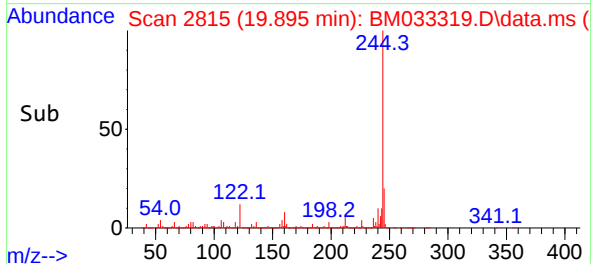
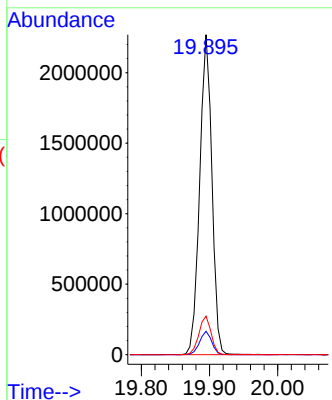
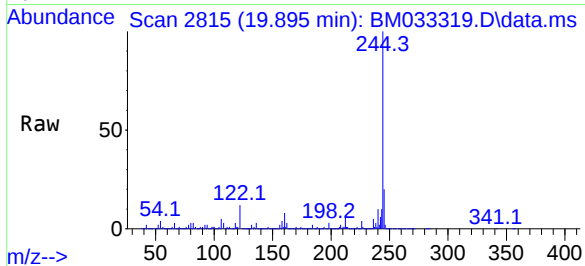




#79
 Terphenyl-d14
 Concen: 82.936 ng
 RT: 19.895 min Scan# 2815
 Delta R.T. -0.012 min
 Lab File: BM033319.D
 Acq: 06 Dec 2021 19:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-40

Tgt Ion:244 Resp: 2822291
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 12.1 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: BM033319.D
 Acq: 06 Dec 2021 19:12

Tgt Ion:264 Resp: 685483
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.4 18.3 27.5

