

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033318.D
 Acq On : 06 Dec 2021 18:36
 Operator : CG/JU
 Sample : M4917-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

Quant Time: Dec 07 03:08:28 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	118136	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	458973	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	267162	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	559664	20.000	ng	#-0.01
76) Chrysene-d12	21.447	240	596177	20.000	ng	0.00
86) Perylene-d12	23.777	264	624228	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	575569	80.457	ng	0.00
7) Phenol-d6	7.101	99	658286	68.708	ng	0.00
23) Nitrobenzene-d5	9.089	82	1020316	103.201	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	379228	130.215	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1760531	92.935	ng	-0.01
79) Terphenyl-d14	19.895	244	1968369	65.287	ng	-0.01

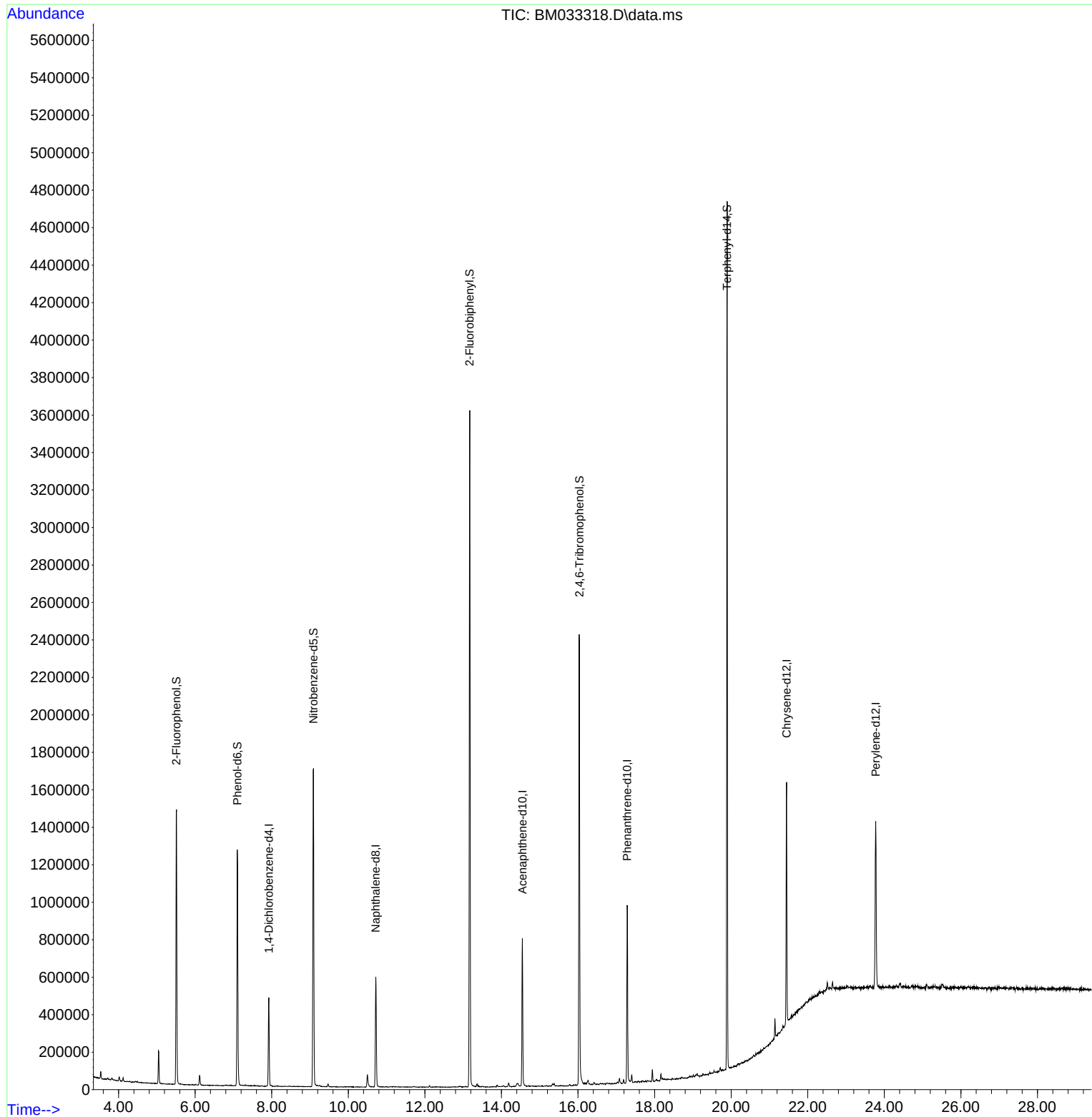
Target Compounds	Qvalue

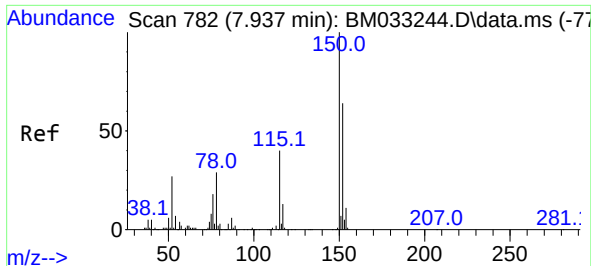
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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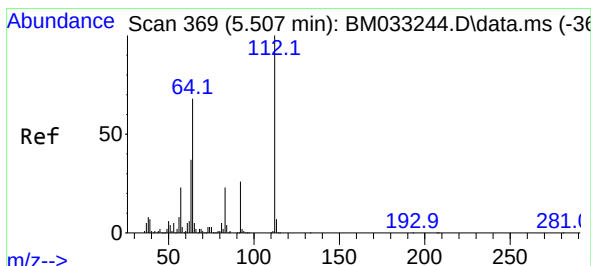
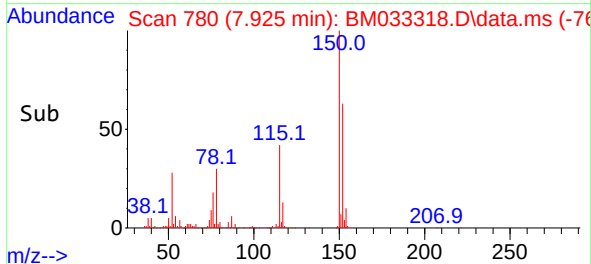
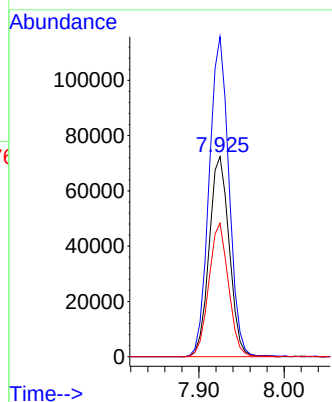
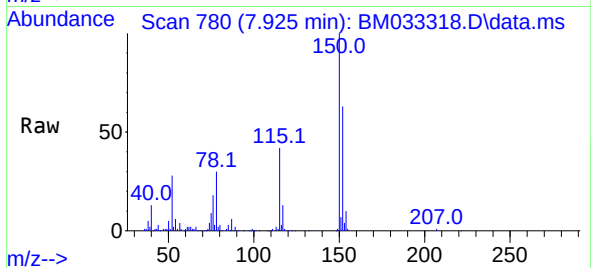




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

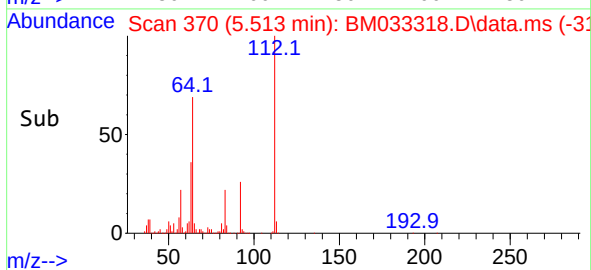
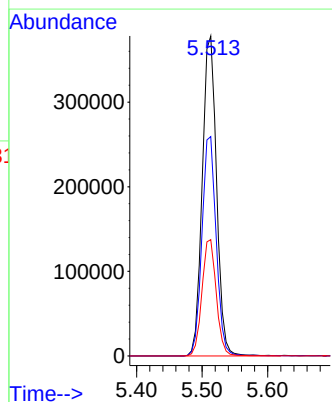
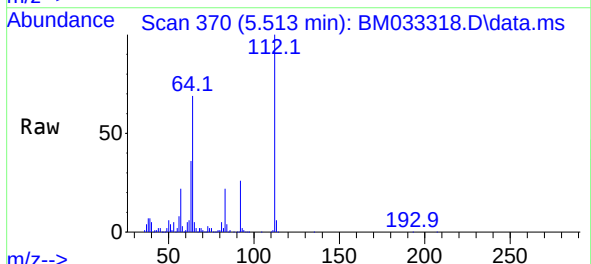
Instrument :
BNA_M
ClientSampleId :
MW-14

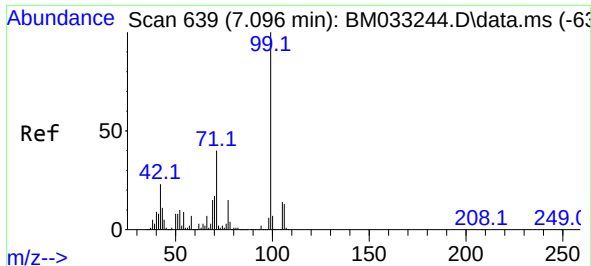
Tgt Ion:152 Resp: 118136
Ion Ratio Lower Upper
152 100
150 160.0 122.4 183.6
115 66.7 53.8 80.8



#5
2-Fluorophenol
Concen: 80.457 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

Tgt Ion:112 Resp: 575569
Ion Ratio Lower Upper
112 100
64 68.5 53.7 80.5
63 36.3 33.9 50.9

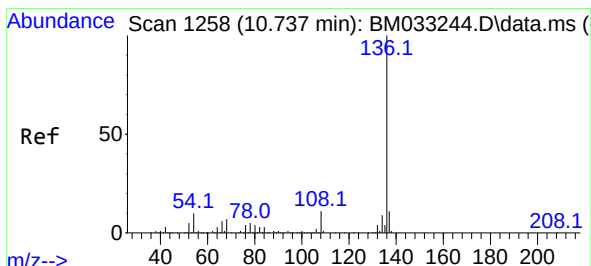
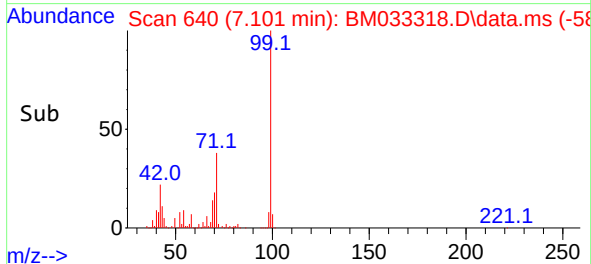
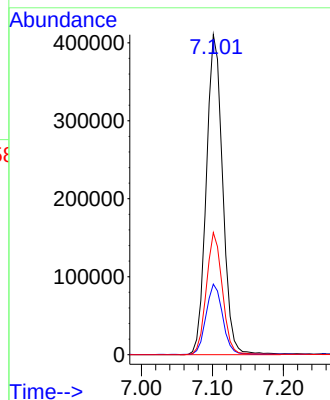
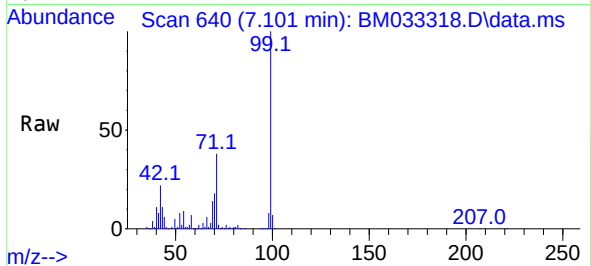




#7
Phenol-d6
Concen: 68.708 ng
RT: 7.101 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

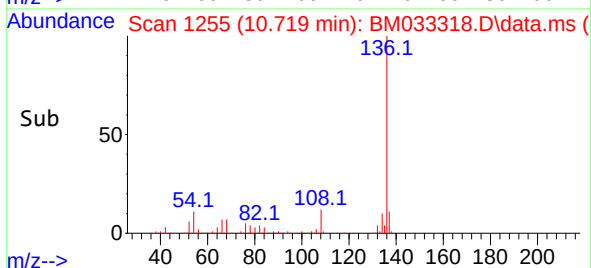
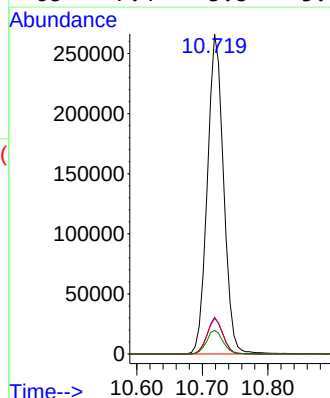
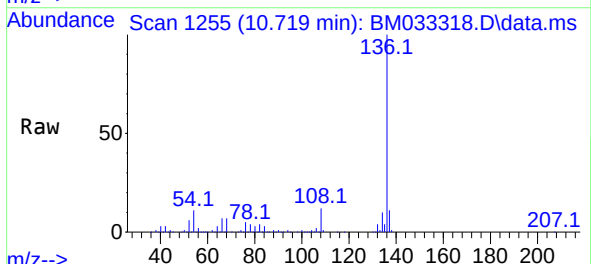
Instrument :
BNA_M
ClientSampleId :
MW-14

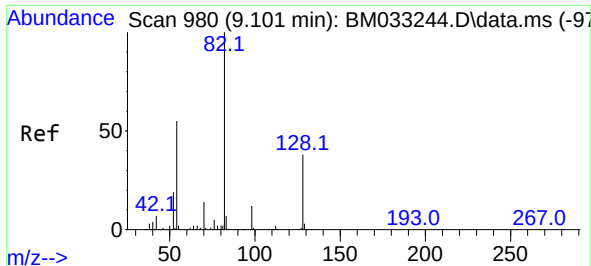
Tgt Ion: 99 Resp: 658286
Ion Ratio Lower Upper
99 100
42 22.1 23.0 34.6#
71 38.2 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

Tgt Ion: 136 Resp: 458973
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.1 7.4 11.0#
68 7.4 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 103.201 ng

RT: 9.089 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033318.D

Acq: 06 Dec 2021 18:36

Instrument :

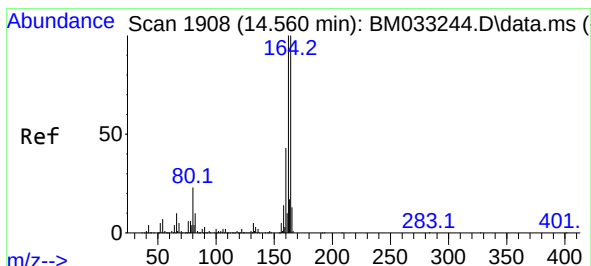
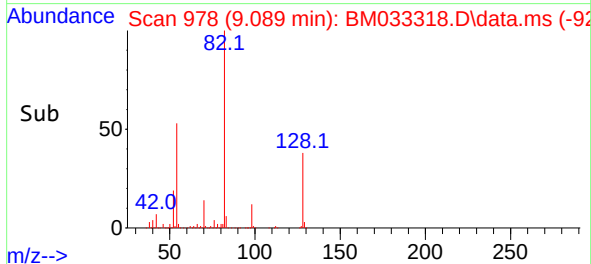
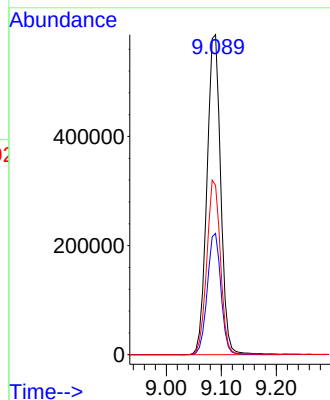
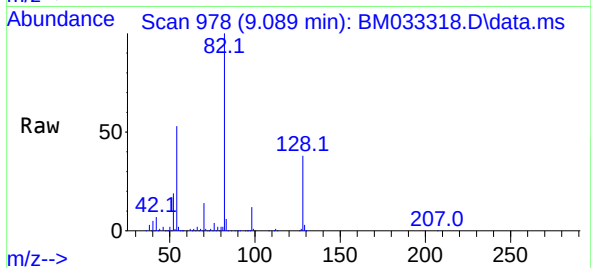
BNA_M

ClientSampleId :

MW-14

Tgt Ion: 82 Resp: 1020316

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.0	43.6
54	52.9	45.8	68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.548 min Scan# 1906

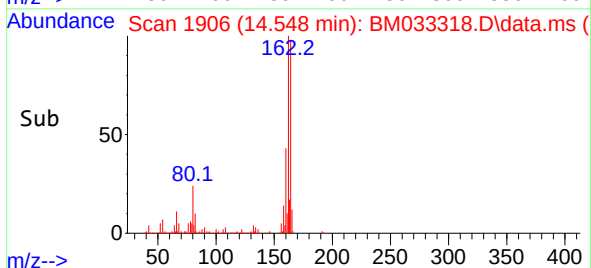
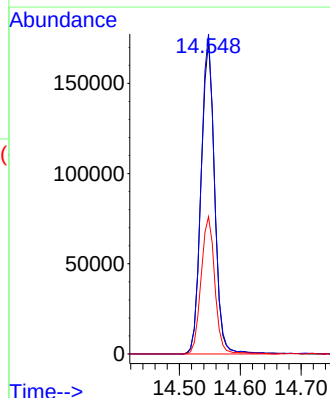
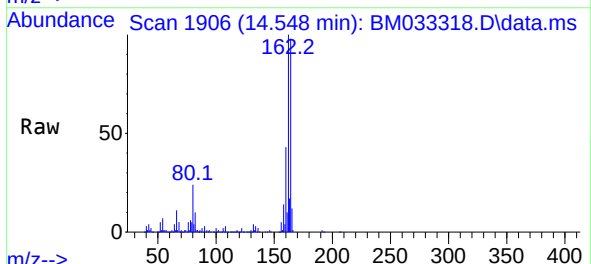
Delta R.T. -0.012 min

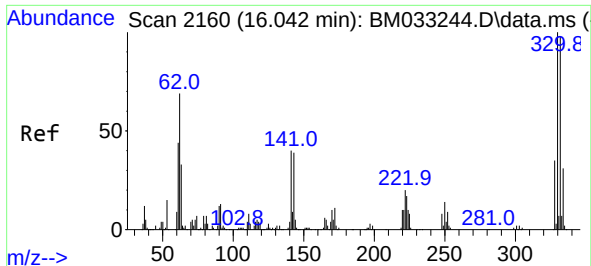
Lab File: BM033318.D

Acq: 06 Dec 2021 18:36

Tgt Ion: 164 Resp: 267162

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	43.9	35.1	52.7

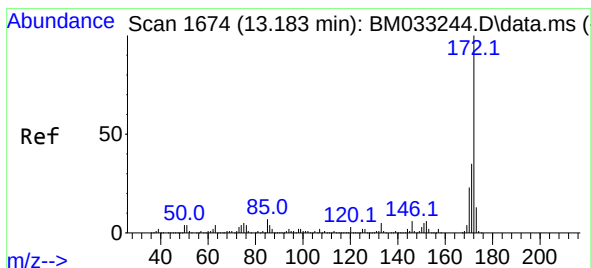
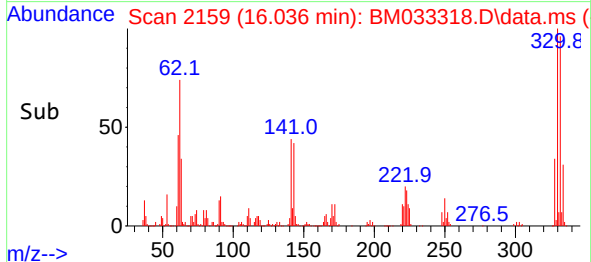
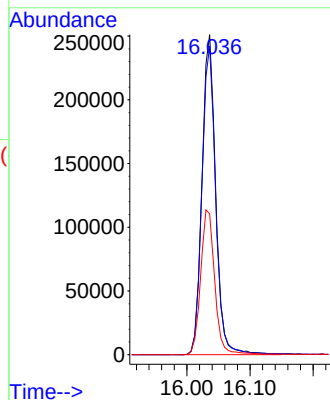
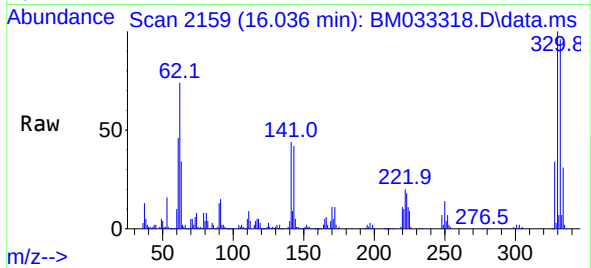




#42
2,4,6-Tribromophenol
Concen: 130.215 ng
RT: 16.036 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

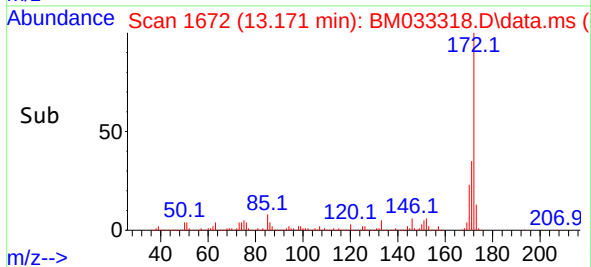
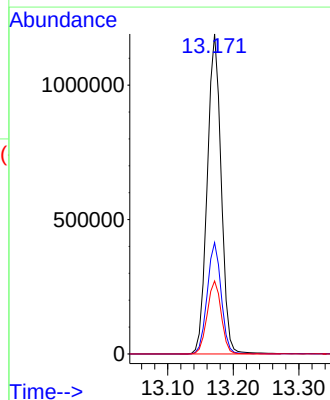
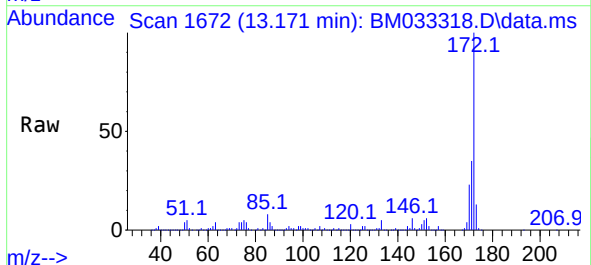
Instrument :
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ClientSampleId :
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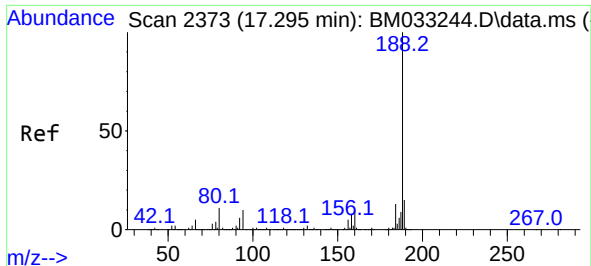
Tgt Ion:330 Resp: 379228
Ion Ratio Lower Upper
330 100
332 97.0 75.7 113.5
141 46.5 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 92.935 ng
RT: 13.171 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

Tgt Ion:172 Resp: 1760531
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.8 18.6 27.8

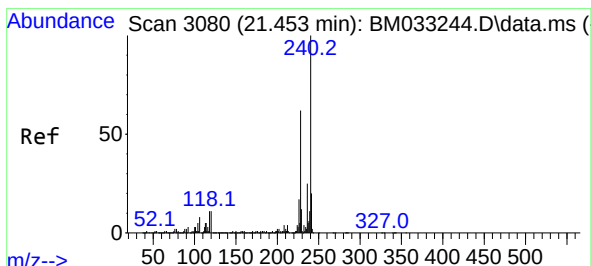
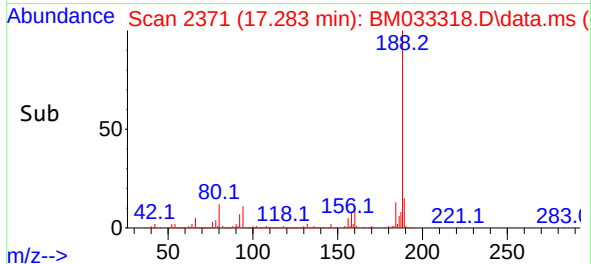
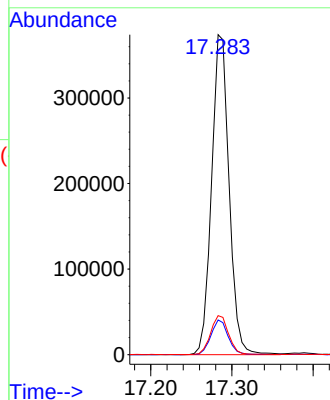
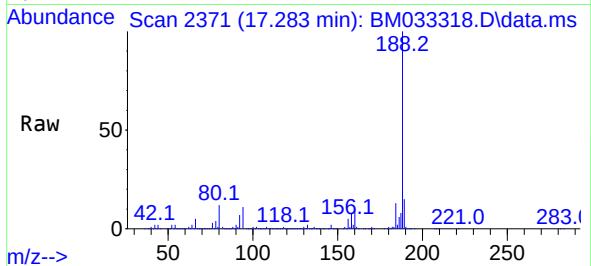




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

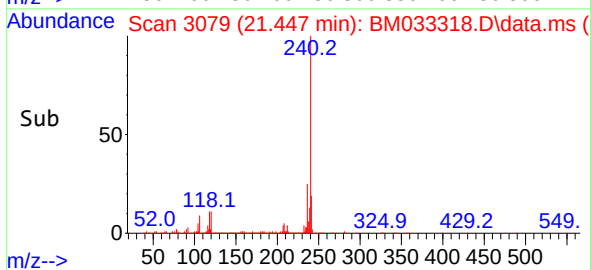
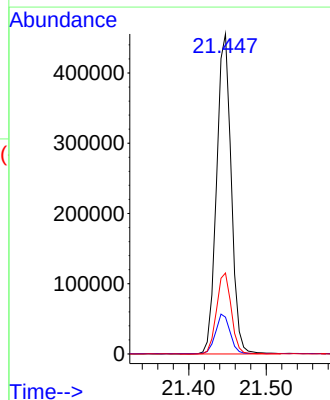
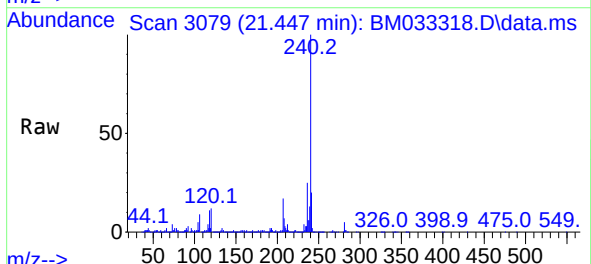
Instrument :
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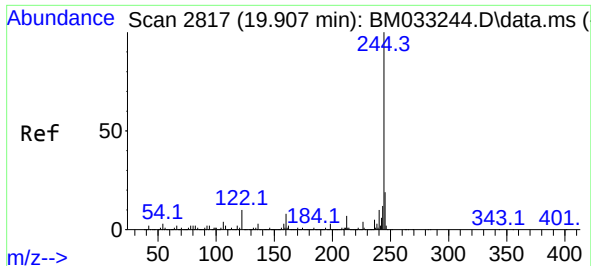
Tgt Ion:188 Resp: 559664
Ion Ratio Lower Upper
188 100
94 10.9 6.3 9.5#
80 12.2 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033318.D
Acq: 06 Dec 2021 18:36

Tgt Ion:240 Resp: 596177
Ion Ratio Lower Upper
240 100
120 11.5 7.8 11.6
236 25.3 20.9 31.3

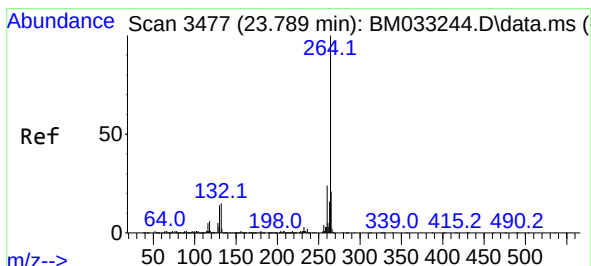
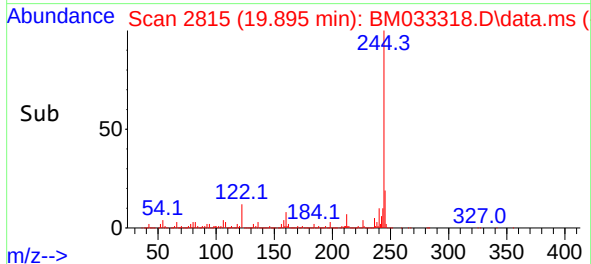
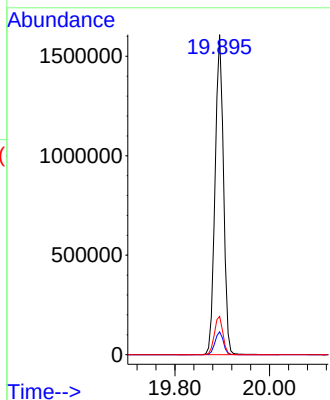
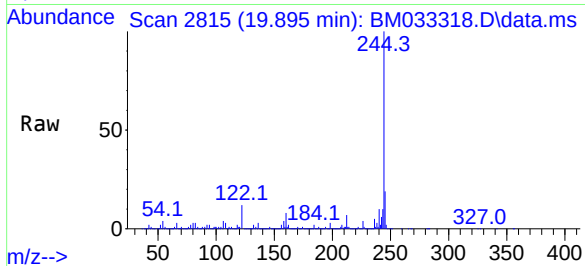




#79
 Terphenyl-d14
 Concen: 65.287 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033318.D
 Acq: 06 Dec 2021 18:36

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

Tgt Ion:244 Resp: 1968369
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BM033318.D
 Acq: 06 Dec 2021 18:36

Tgt Ion:264 Resp: 624228
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 22.2 18.3 27.5

