

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035419.D
 Acq On : 07 Jun 2022 19:43
 Operator : CG/JU
 Sample : N3202-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-25

Quant Time: Jun 08 04:08:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

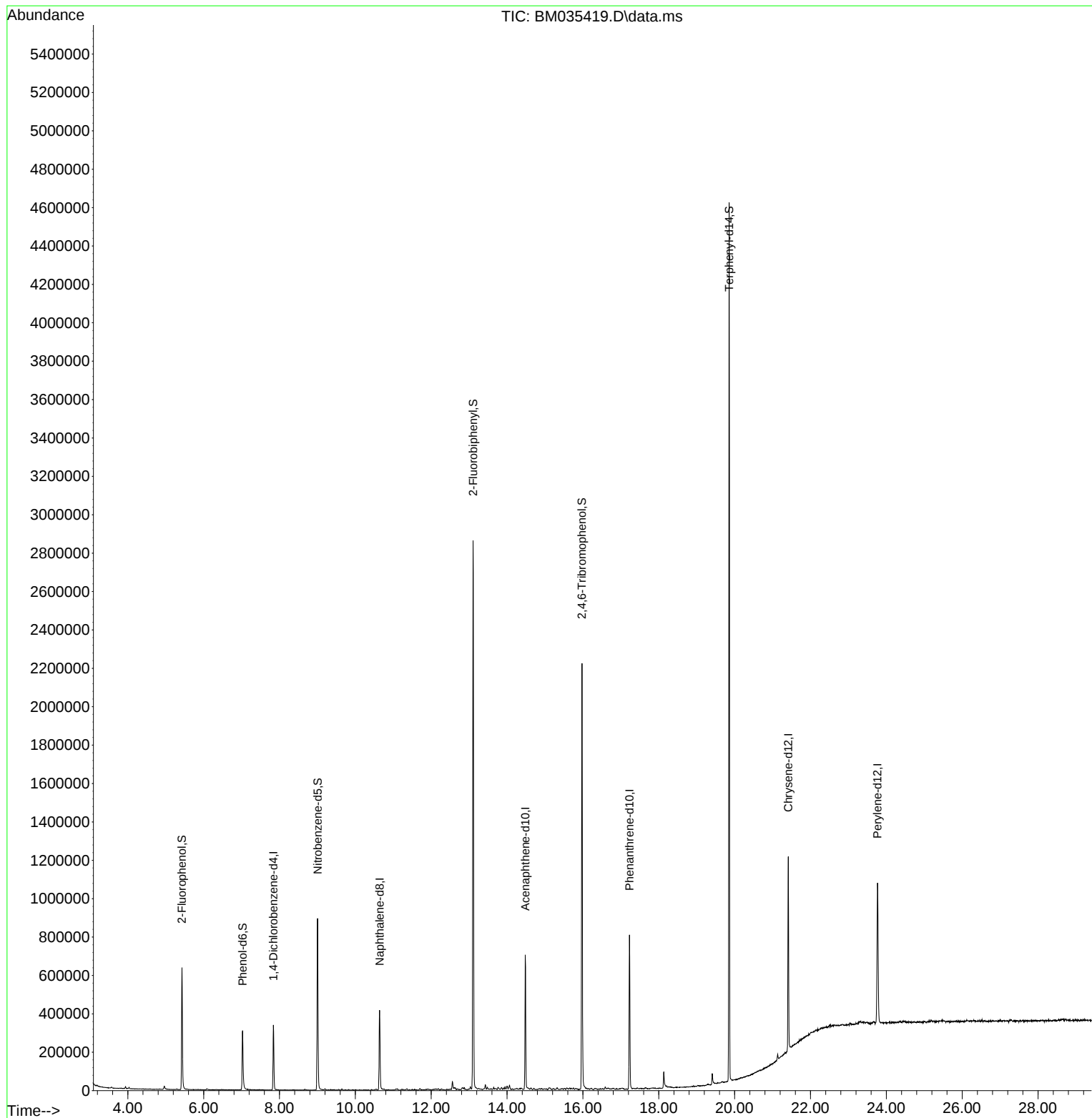
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	106886	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	403726	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	257852	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	526928	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	529122	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	579343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	322132	63.329	ng	0.00
7) Phenol-d6	7.028	99	229345	33.008	ng	0.00
23) Nitrobenzene-d5	9.004	82	527766	83.005	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	530562	128.243	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1627557	90.657	ng	0.00
79) Terphenyl-d14	19.857	244	2426179	91.351	ng	0.00
Target Compounds						
9) Benzaldehyde	6.987	77	63	Below Cal	#	Qvalue 3

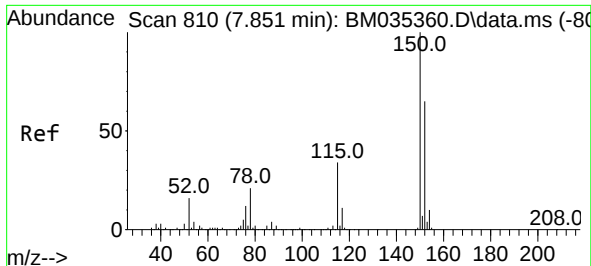
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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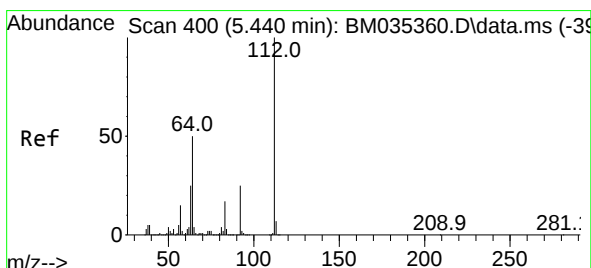
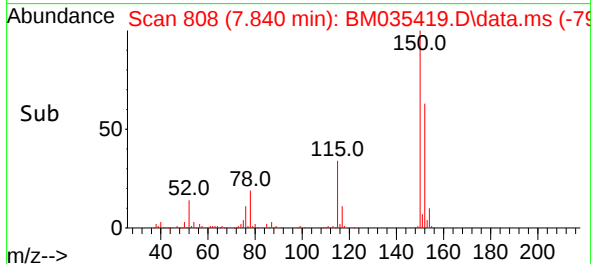
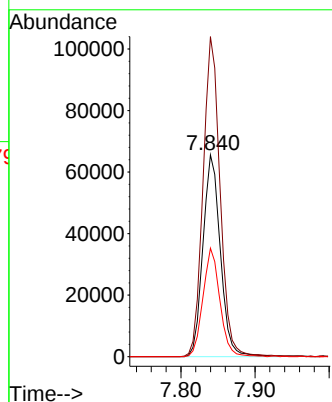
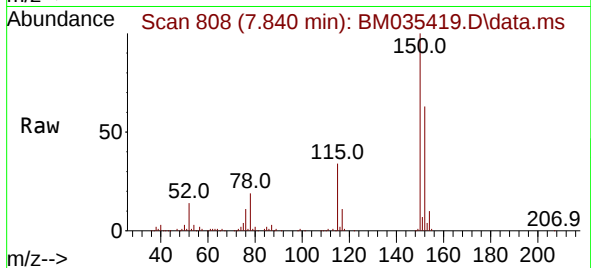




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 810
Delta R.T. -0.000 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

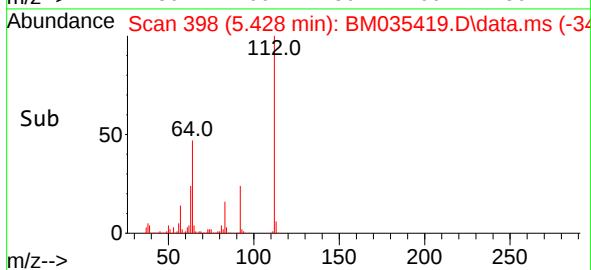
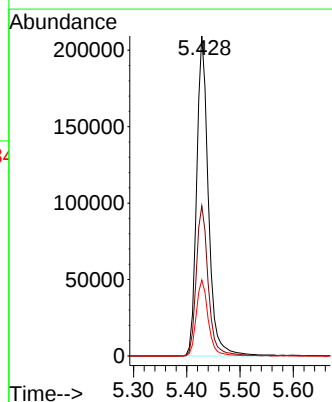
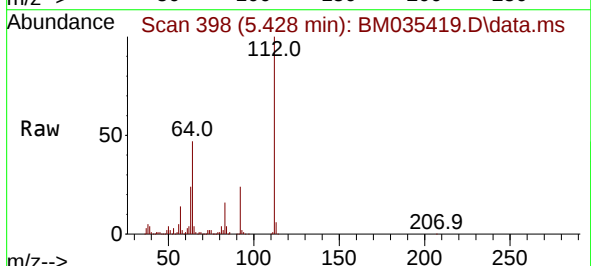
Instrument :
BNA_M
ClientSampleId :
MW-25

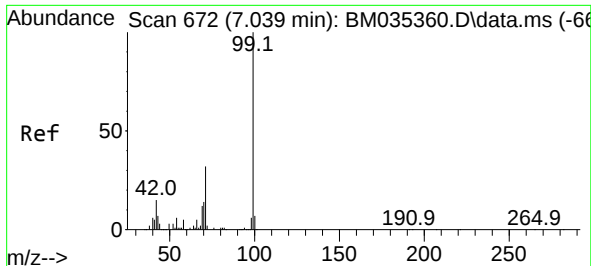
Tgt Ion:152 Resp: 106886
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 53.8 47.9 71.9



#5
2-Fluorophenol
Concen: 63.329 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

Tgt Ion:112 Resp: 322132
Ion Ratio Lower Upper
112 100
64 46.9 47.8 71.6#
63 23.7 26.6 40.0#

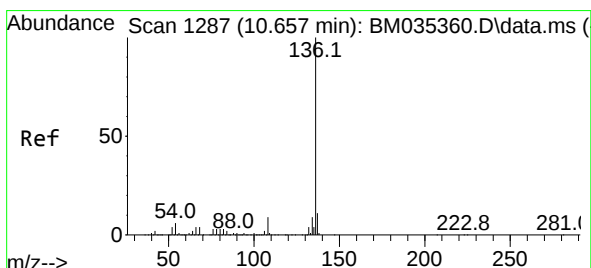
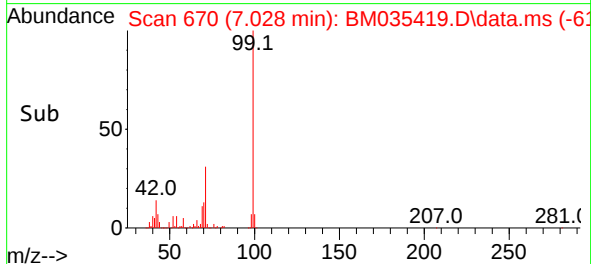
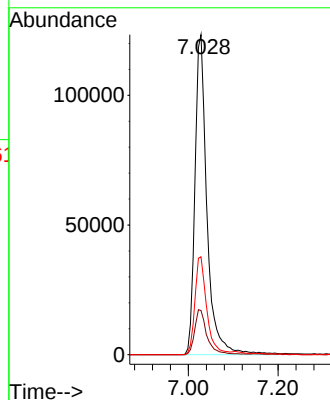
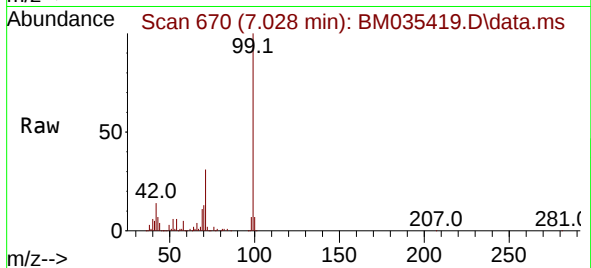




#7
Phenol-d6
Concen: 33.008 ng
RT: 7.028 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

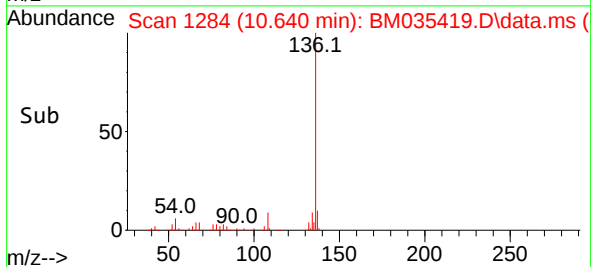
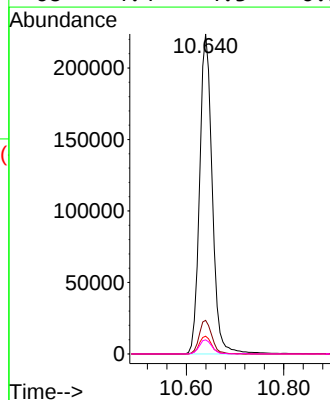
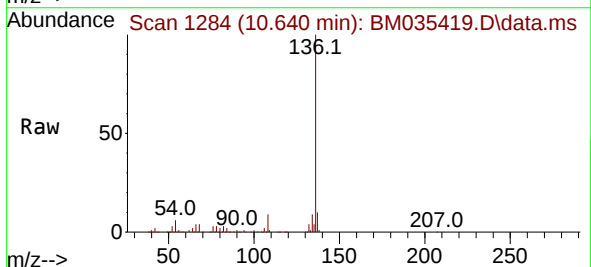
Instrument :
BNA_M
ClientSampleId :
MW-25

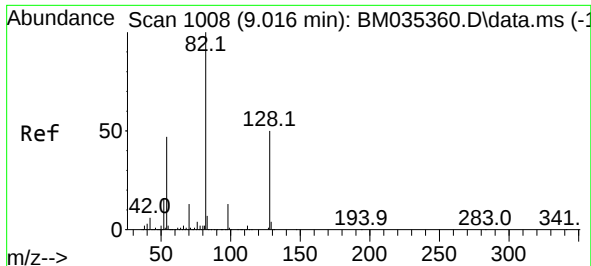
Tgt Ion: 99 Resp: 229345
Ion Ratio Lower Upper
99 100
42 13.8 18.8 28.2#
71 30.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

Tgt Ion: 136 Resp: 403726
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 5.5 7.0 10.4#
68 4.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 83.005 ng

RT: 9.004 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035419.D

Acq: 07 Jun 2022 19:43

Instrument :

BNA_M

ClientSampleId :

MW-25

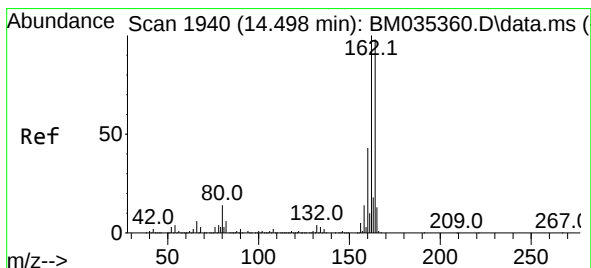
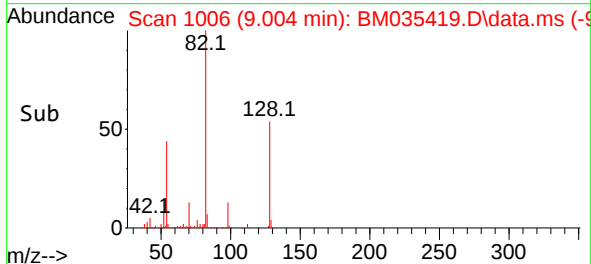
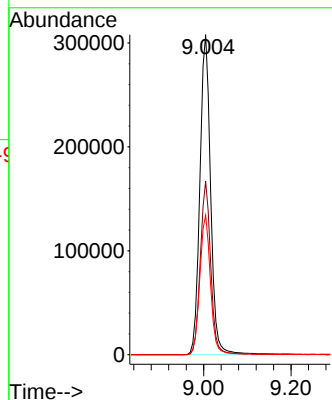
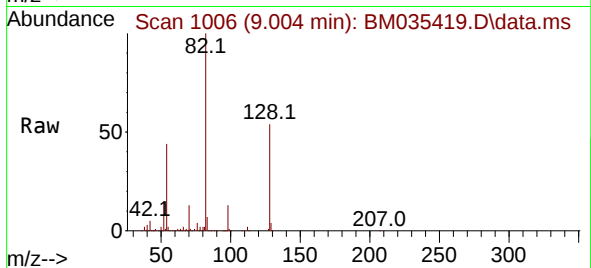
Tgt Ion: 82 Resp: 527766

Ion Ratio Lower Upper

82 100

128 54.2 33.7 50.5#

54 43.6 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM035419.D

Acq: 07 Jun 2022 19:43

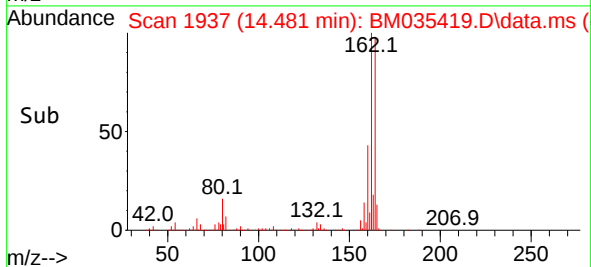
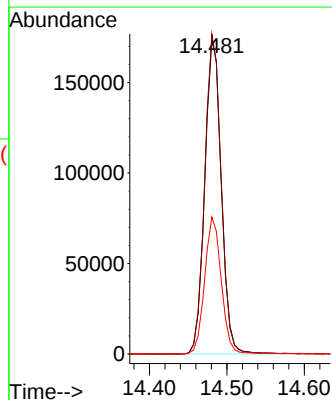
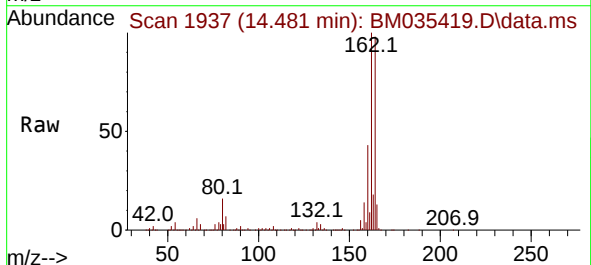
Tgt Ion:164 Resp: 257852

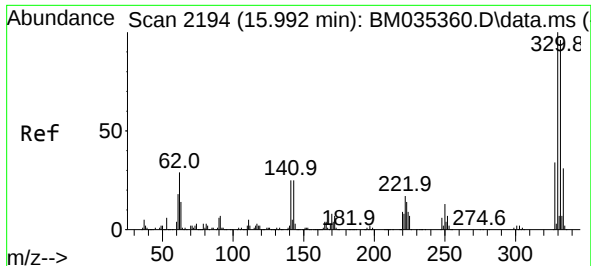
Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.6

160 43.5 37.0 55.4

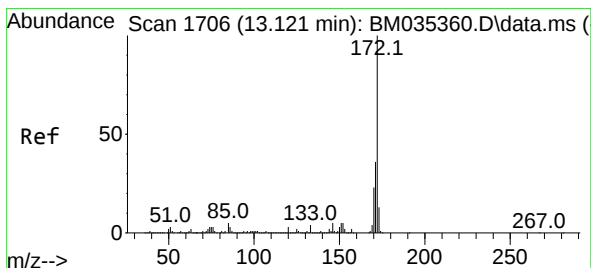
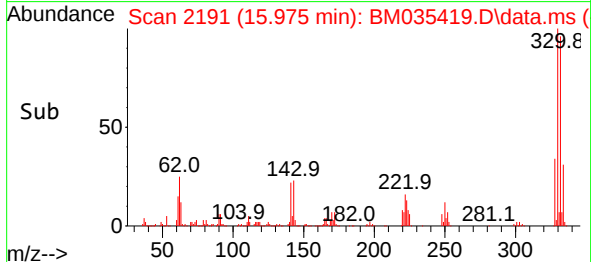
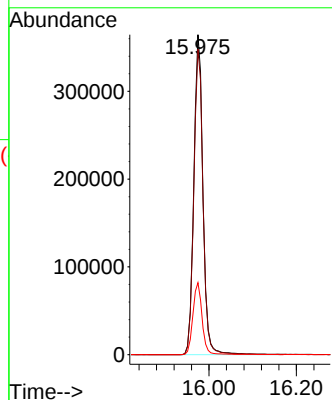
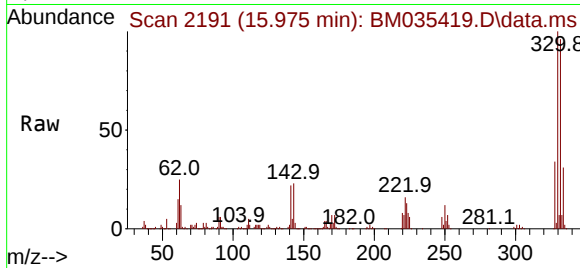




#42
2,4,6-Tribromophenol
Concen: 128.243 ng
RT: 15.975 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

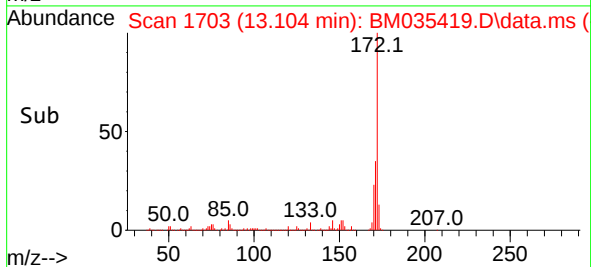
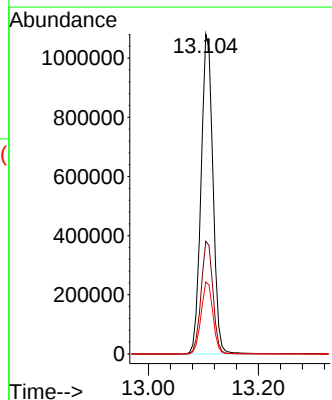
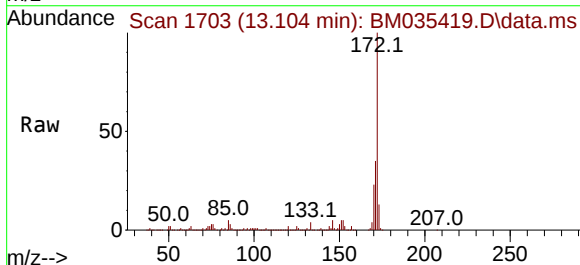
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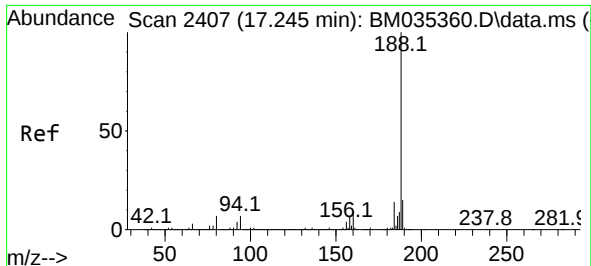
Tgt Ion:330 Resp: 530562
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 22.7 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 90.657 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

Tgt Ion:172 Resp: 1627557
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.5 18.7 28.1

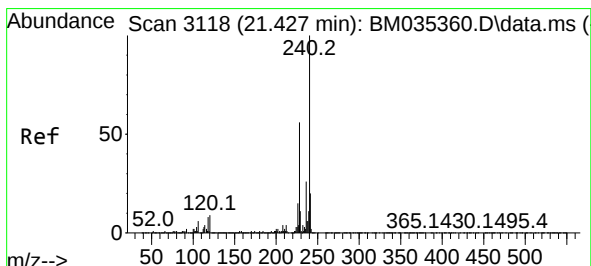
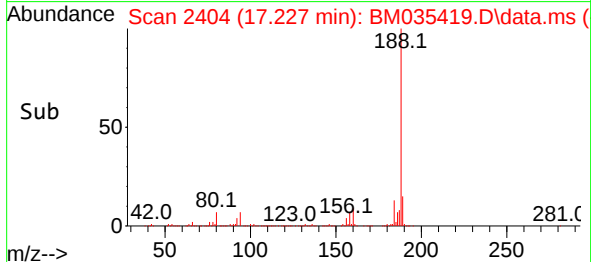
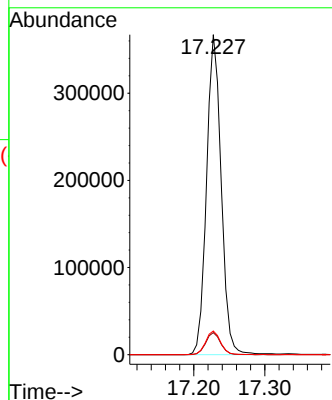
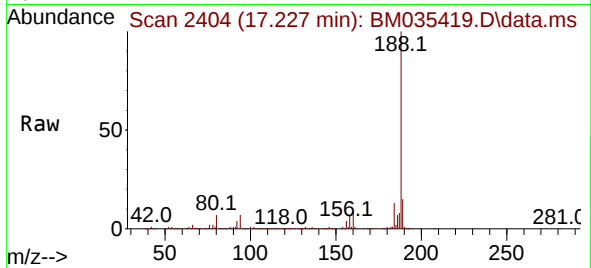




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

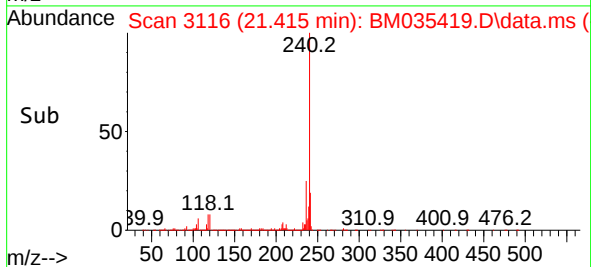
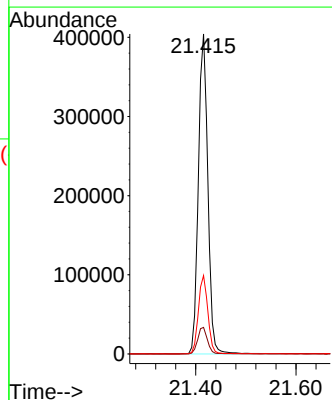
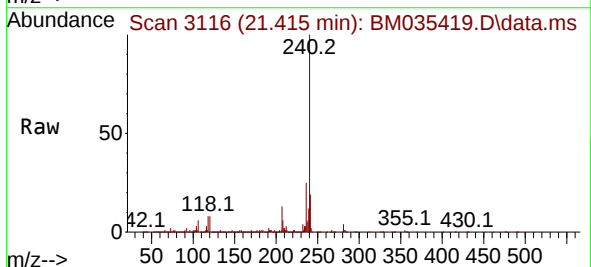
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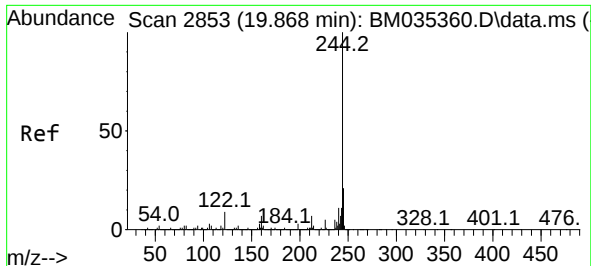
Tgt Ion:188 Resp: 526928
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 7.4 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035419.D
Acq: 07 Jun 2022 19:43

Tgt Ion:240 Resp: 529122
Ion Ratio Lower Upper
240 100
120 8.3 9.4 14.0#
236 24.5 20.6 30.8

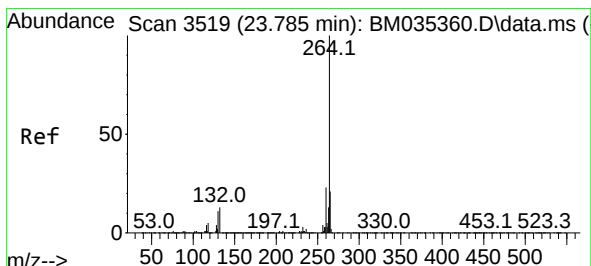
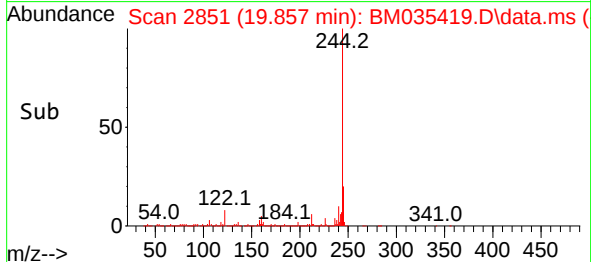
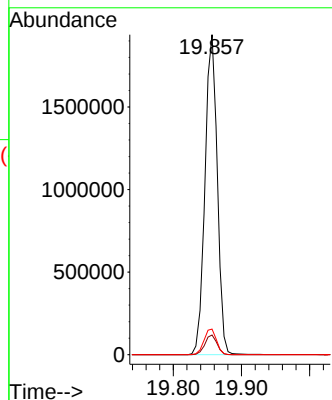
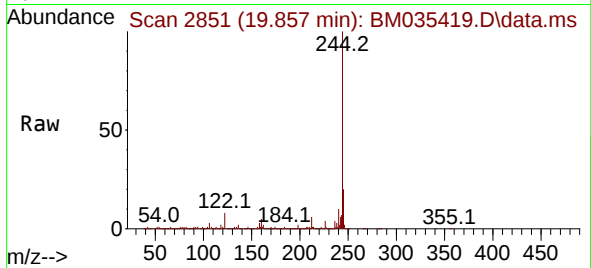




#79
 Terphenyl-d14
 Concen: 91.351 ng
 RT: 19.857 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035419.D
 Acq: 07 Jun 2022 19:43

Instrument :
 BNA_M
 ClientSampleId :
 MW-25

Tgt Ion:244 Resp: 2426179
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.4#
 122 8.0 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM035419.D
 Acq: 07 Jun 2022 19:43

Tgt Ion:264 Resp: 579343
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 22.1 17.5 26.3

