

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041268.D
 Acq On : 03 Aug 2023 19:00
 Operator : MA/JU
 Sample : 03756-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 415/417-TP-1-4-CS-1

Quant Time: Aug 04 01:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

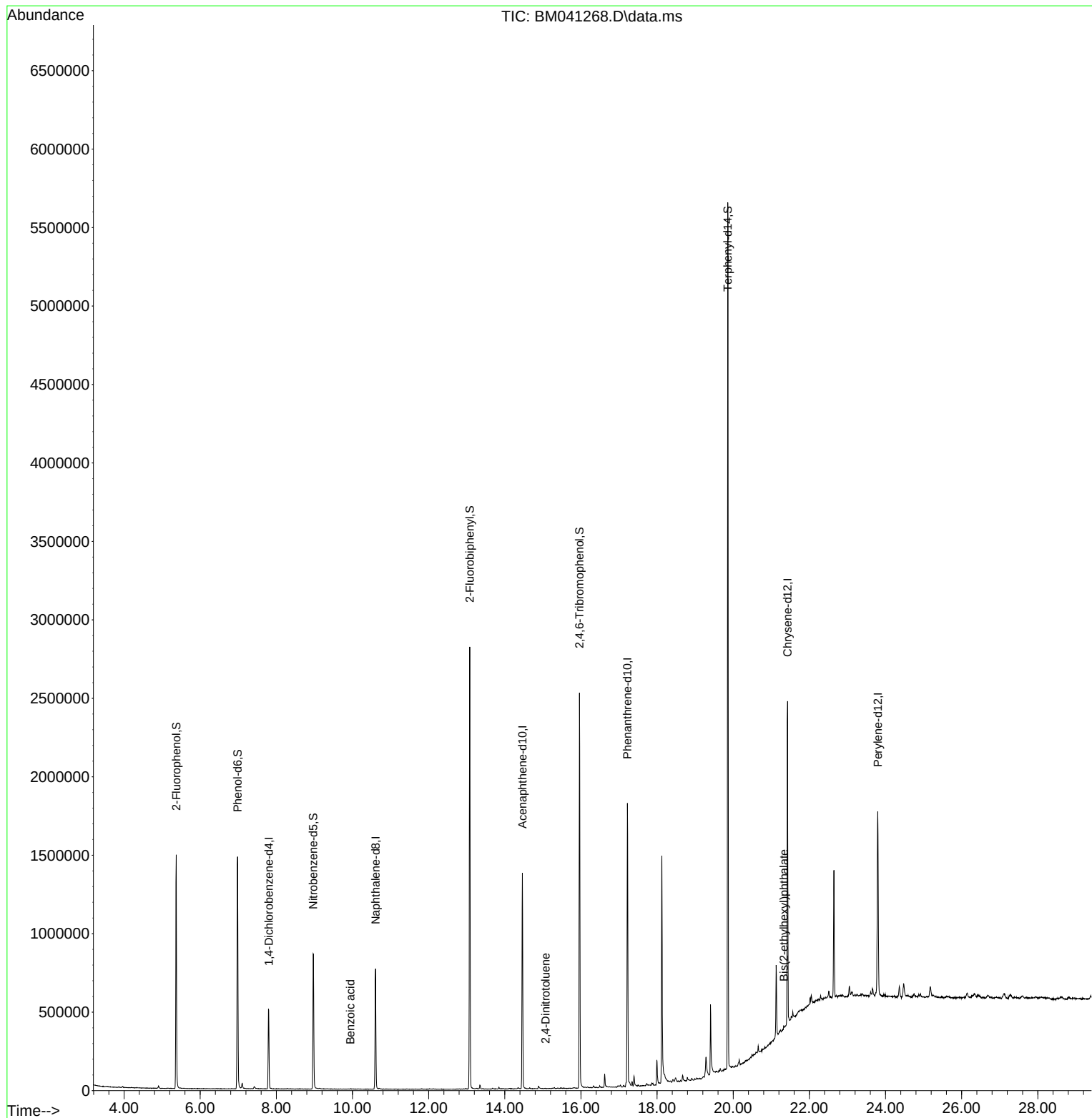
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	134261	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	610375	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	446861	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1043083	20.000	ng	0.00
76) Chrysene-d12	21.427	240	922685	20.000	ng	0.00
86) Perylene-d12	23.797	264	878334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	615203	68.484	ng	0.00
7) Phenol-d6	6.981	99	844307	72.508	ng	0.00
23) Nitrobenzene-d5	8.969	82	513600	39.131	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	466993	73.884	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1368967	38.700	ng	0.00
79) Terphenyl-d14	19.856	244	2632844	51.592	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.945	122	55	7.162	ng	# 21
57) 2,4-Dinitrotoluene	15.069	165	54	2.676	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	7903	2.739	ng	# 97

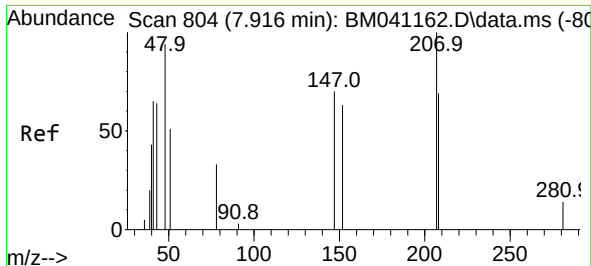
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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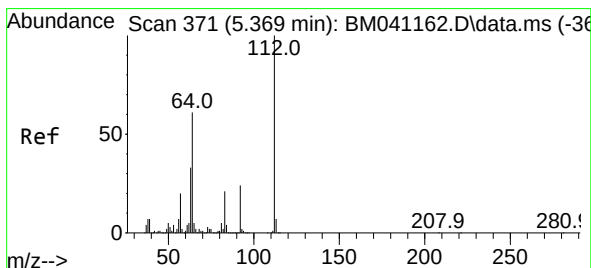
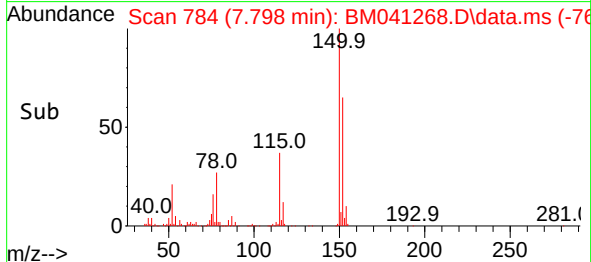
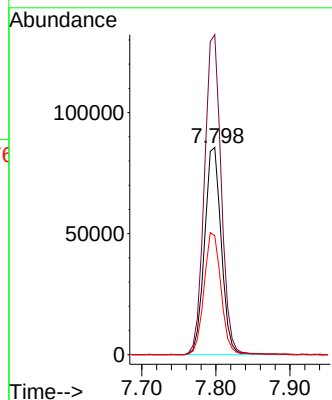
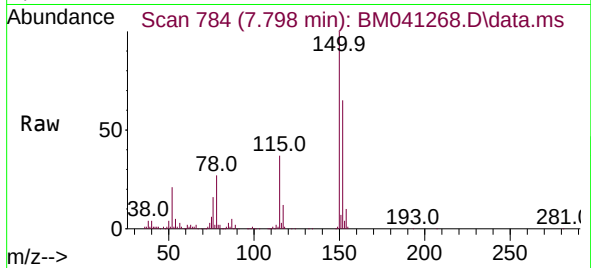




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 784
 Delta R.T. 0.005 min
 Lab File: BM041268.D
 Acq: 03 Aug 2023 19:00

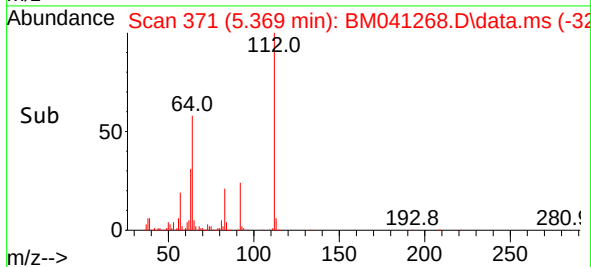
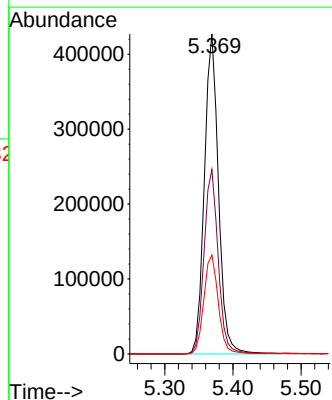
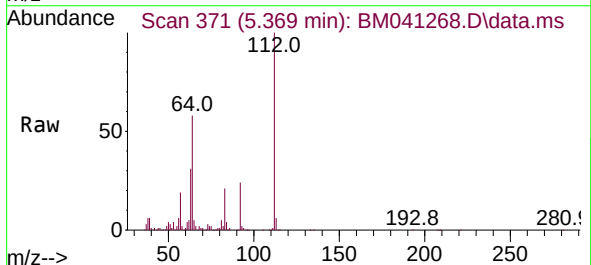
Instrument :
 BNA_M
 ClientSampleId :
 415/417-TP-1-4-CS-1

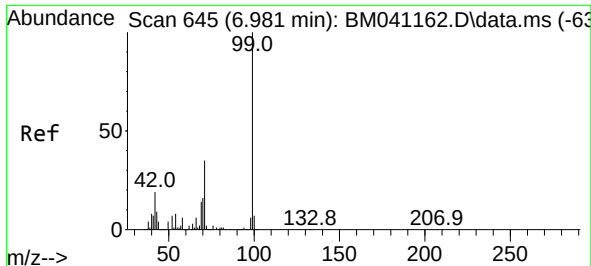
Tgt Ion:152 Resp: 134261
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.5 188.3
 115 57.4 48.0 72.0



#5
 2-Fluorophenol
 Concen: 68.484 ng
 RT: 5.369 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: BM041268.D
 Acq: 03 Aug 2023 19:00

Tgt Ion:112 Resp: 615203
 Ion Ratio Lower Upper
 112 100
 64 57.6 48.5 72.7
 63 31.0 26.5 39.7

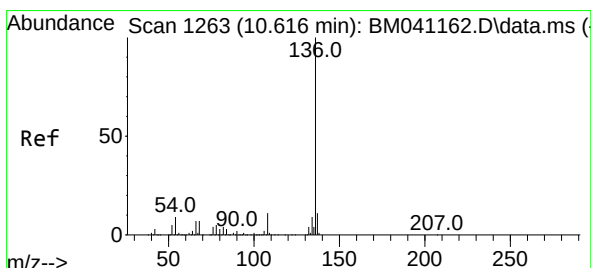
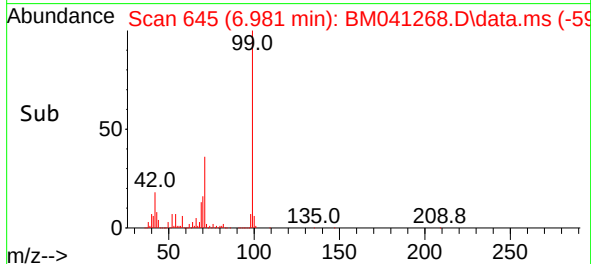
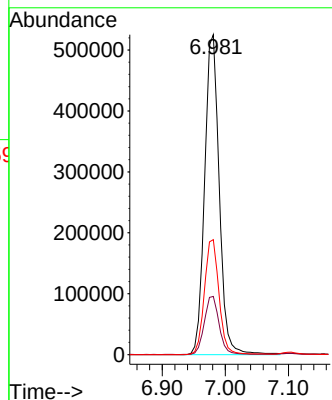
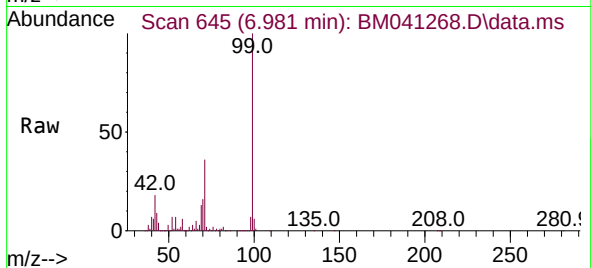




#7
Phenol-d6
Concen: 72.508 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

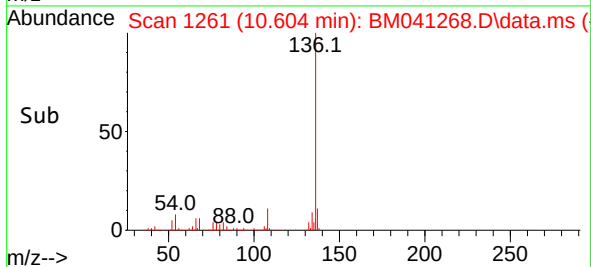
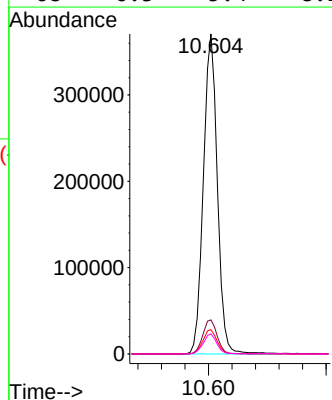
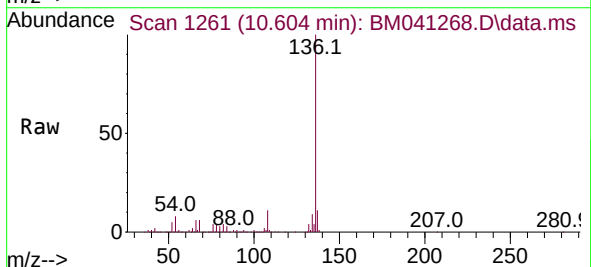
Instrument :
BNA_M
ClientSampleId :
415/417-TP-1-4-CS-1

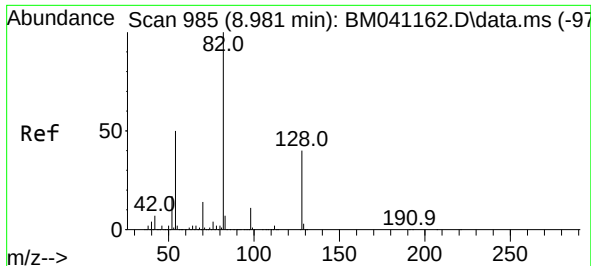
Tgt Ion: 99 Resp: 844307
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

Tgt Ion: 136 Resp: 610375
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.6 6.9 10.3
68 6.3 5.4 8.2

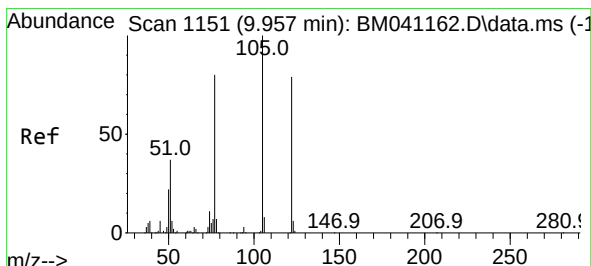
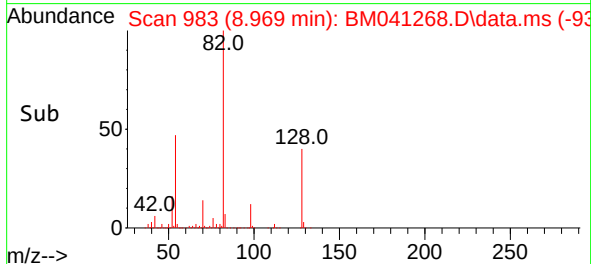
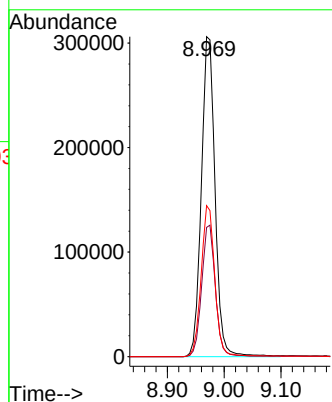
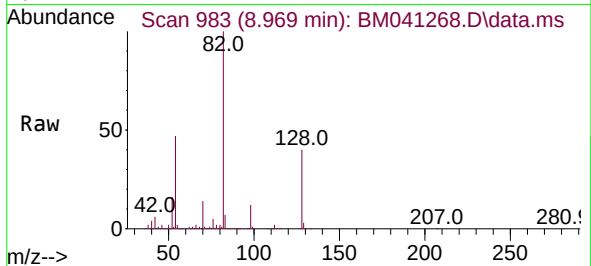




#23
Nitrobenzene-d5
Concen: 39.131 ng
RT: 8.969 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

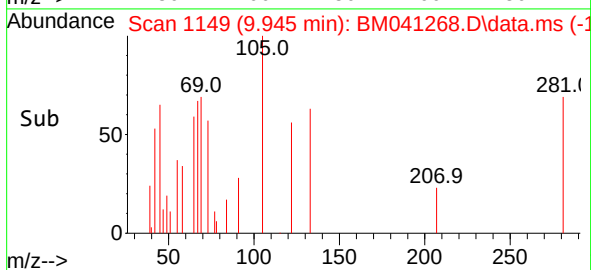
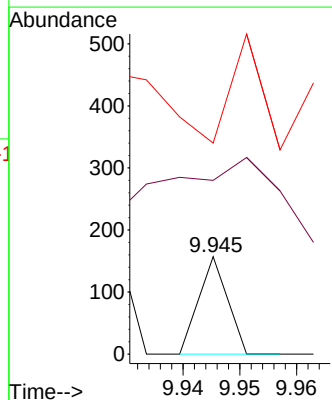
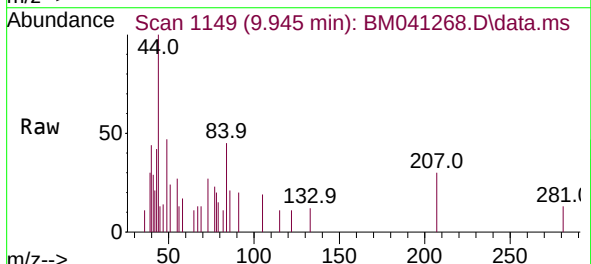
Instrument :
BNA_M
ClientSampleId :
415/417-TP-1-4-CS-1

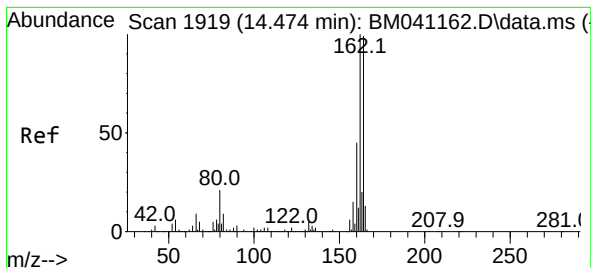
Tgt Ion: 82 Resp: 513600
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 47.2 40.1 60.1



#32
Benzoic acid
Concen: 7.162 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 178.3 104.0 144.0#
77 216.6 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM041268.D

Acq: 03 Aug 2023 19:00

Instrument :

BNA_M

ClientSampleId :

415/417-TP-1-4-CS-1

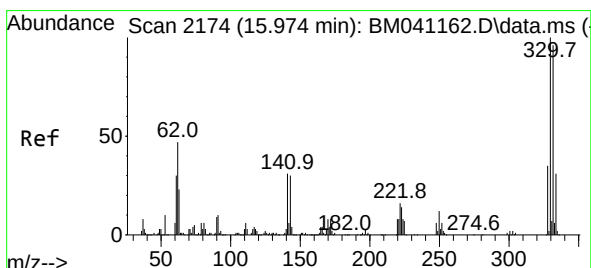
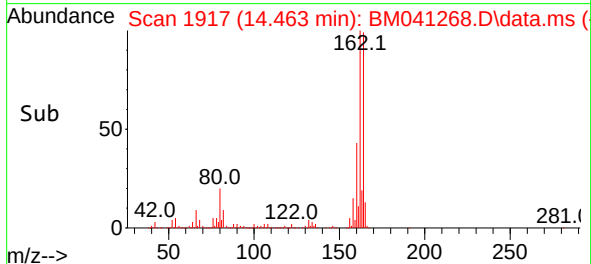
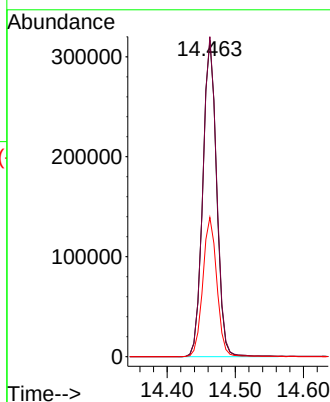
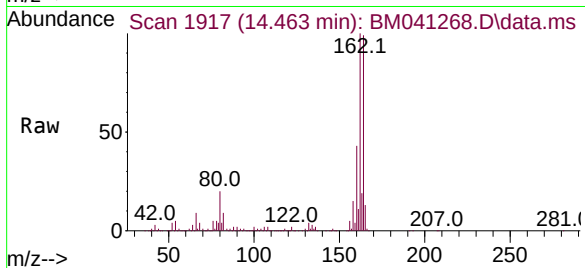
Tgt Ion:164 Resp: 446861

Ion Ratio Lower Upper

164 100

162 101.1 80.4 120.6

160 44.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 73.884 ng

RT: 15.963 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041268.D

Acq: 03 Aug 2023 19:00

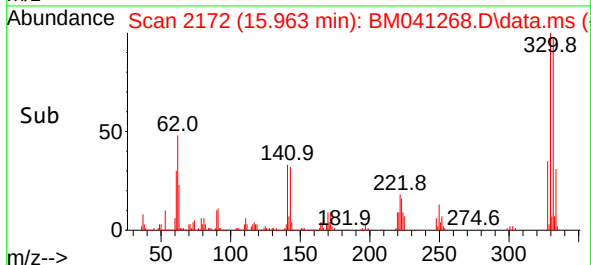
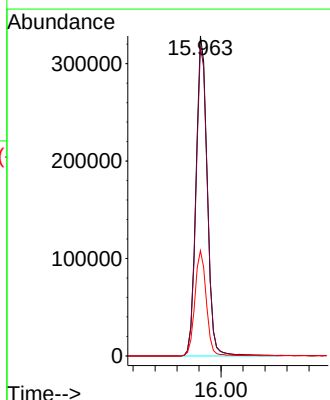
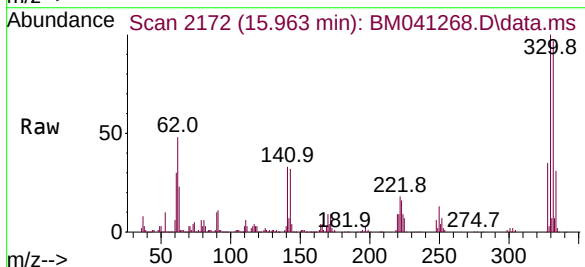
Tgt Ion:330 Resp: 466993

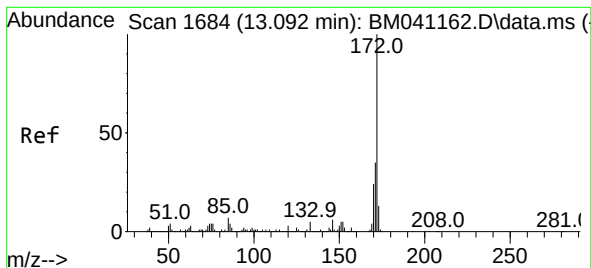
Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

141 33.2 28.3 42.5

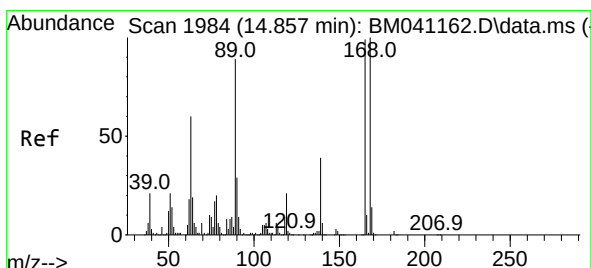
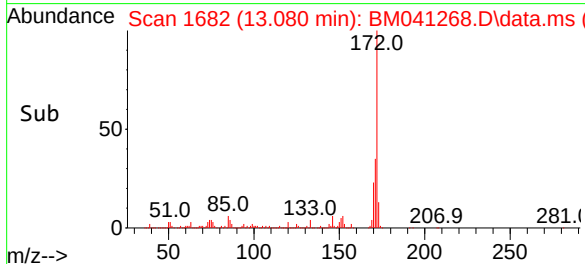
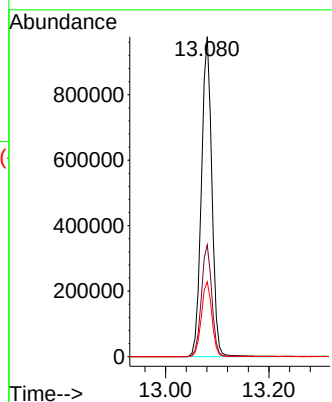
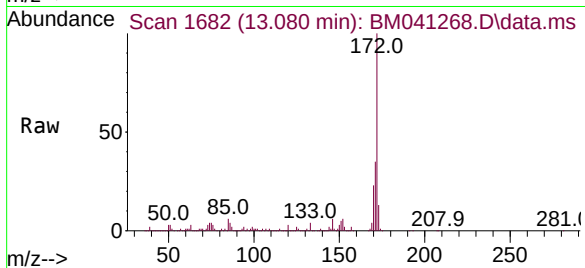




#45
2-Fluorobiphenyl
Concen: 38.700 ng
RT: 13.080 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

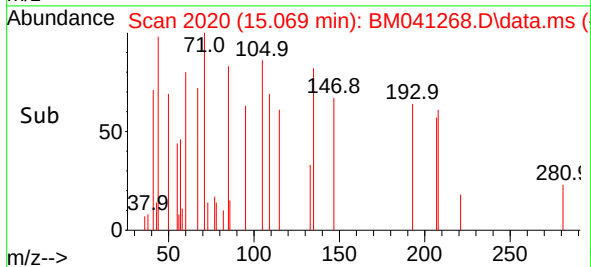
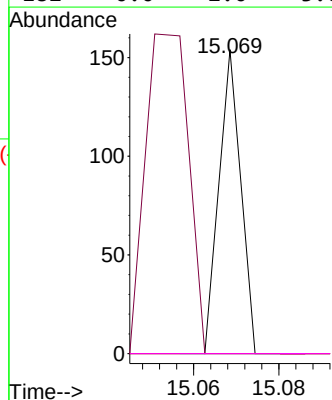
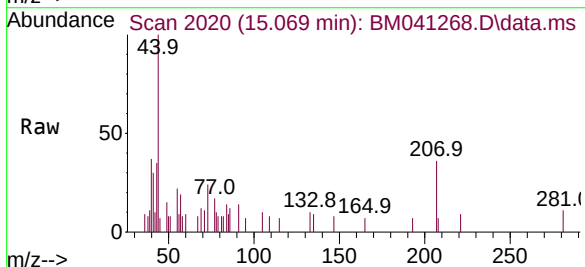
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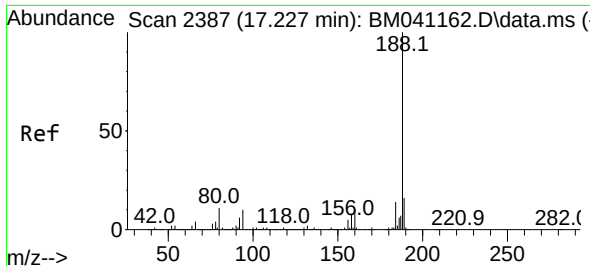
Tgt Ion:172 Resp: 1368967
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.676 ng
RT: 15.069 min Scan# 2020
Delta R.T. 0.212 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#

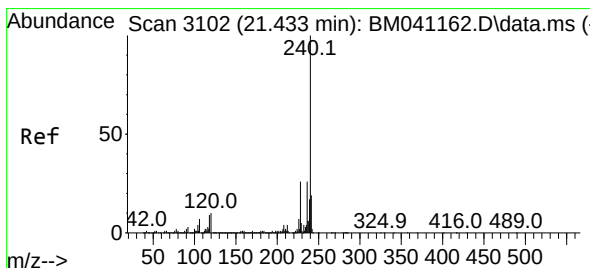
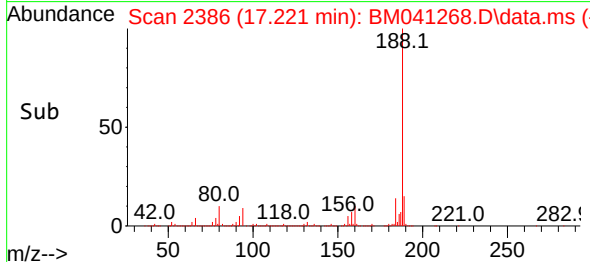
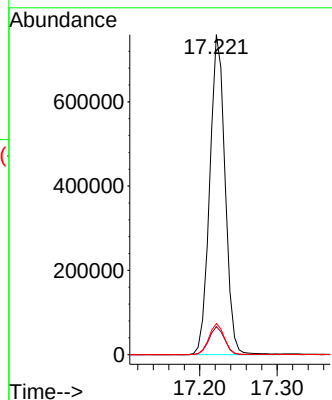
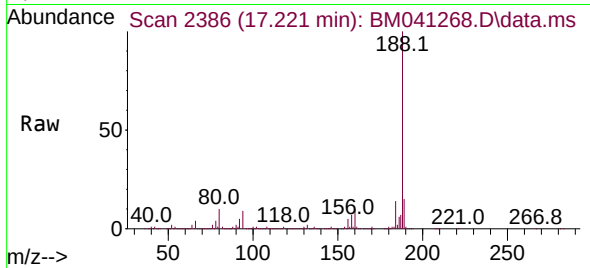




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

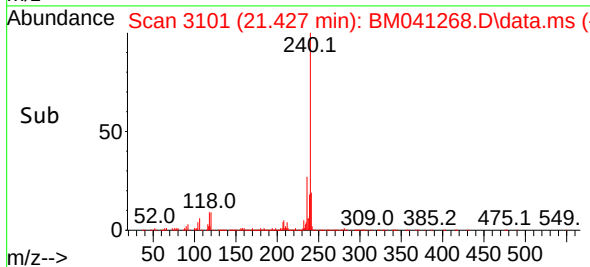
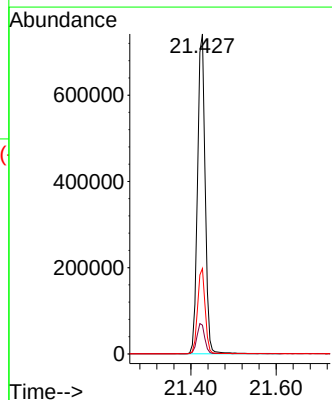
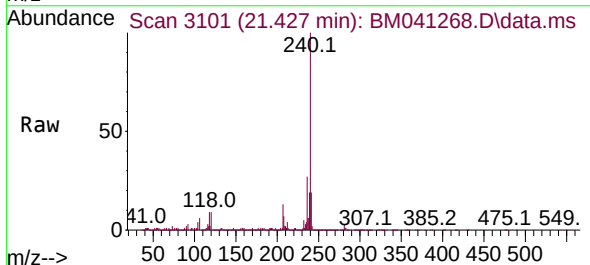
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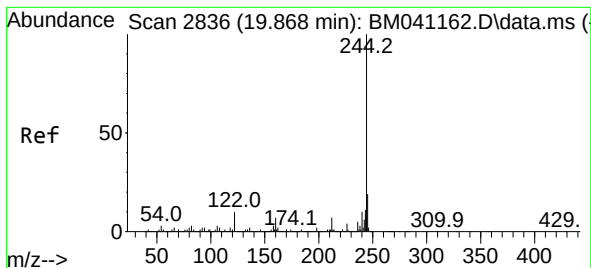
Tgt Ion:188 Resp: 1043083
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

Tgt Ion:240 Resp: 922685
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 26.7 20.6 30.8





#79

Terphenyl-d14

Concen: 51.592 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041268.D

Acq: 03 Aug 2023 19:00

Instrument :

BNA_M

ClientSampleId :

415/417-TP-1-4-CS-1

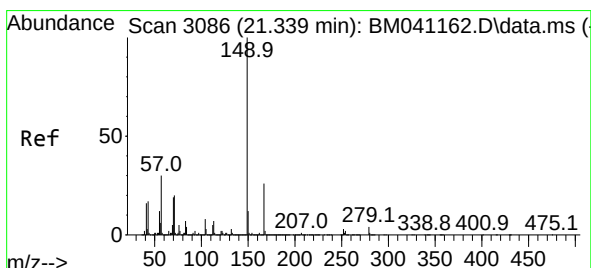
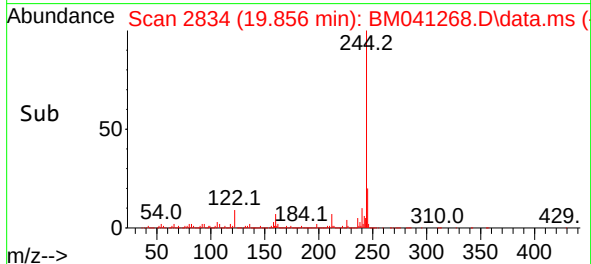
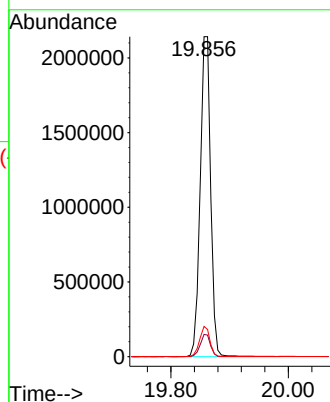
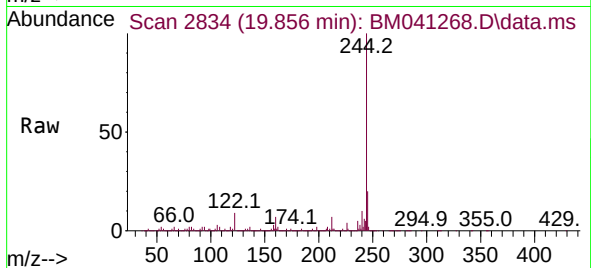
Tgt Ion:244 Resp: 2632844

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 9.5 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.739 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041268.D

Acq: 03 Aug 2023 19:00

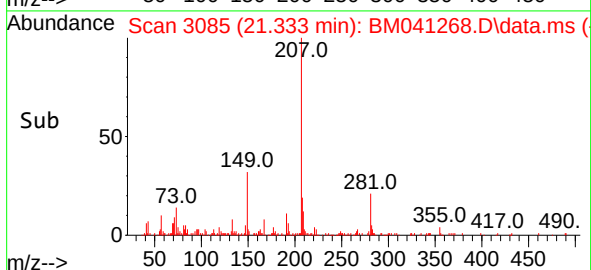
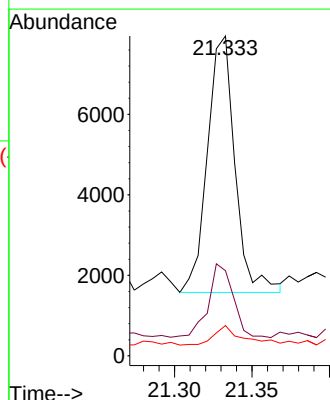
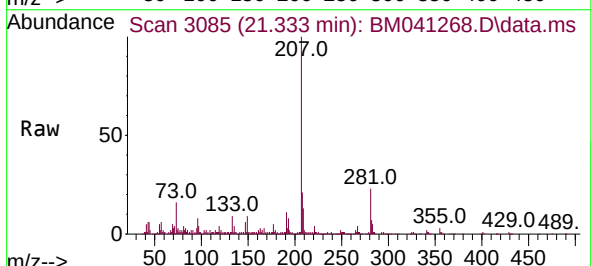
Tgt Ion:149 Resp: 7903

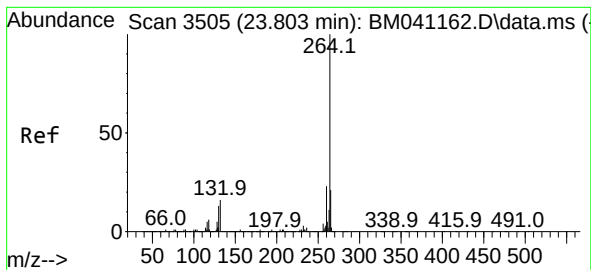
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.6

279 9.5 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041268.D
Acq: 03 Aug 2023 19:00

Instrument :
BNA_M
ClientSampleId :
415/417-TP-1-4-CS-1

Tgt Ion:264 Resp: 878334

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.9	17.4	26.0

