

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039556.D
 Acq On : 21 Apr 2023 18:02
 Operator : CG/JU
 Sample : 02403-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Apr 22 01:46:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

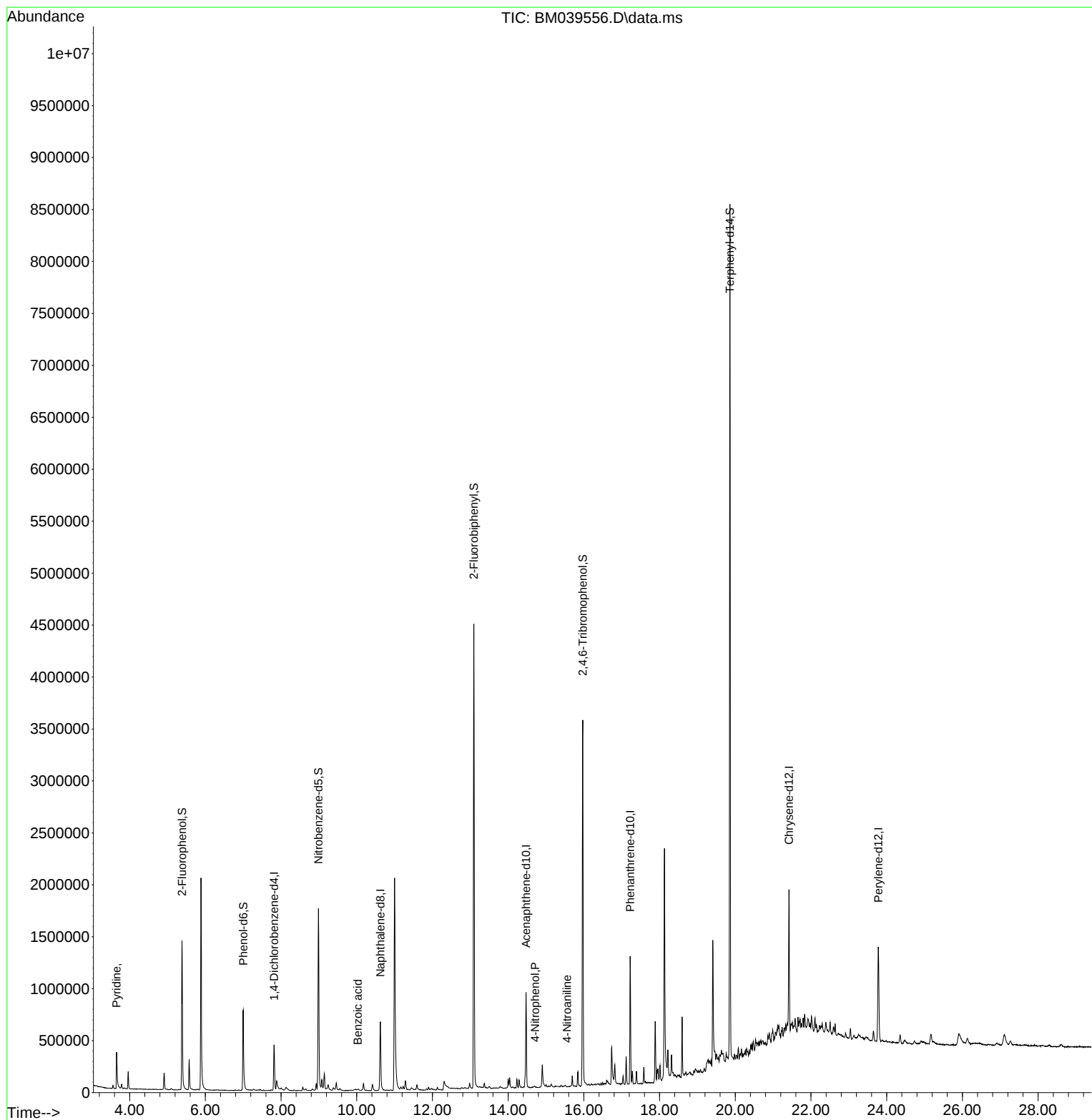
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	122901	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	501951	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	306859	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	661983	20.000	ng	0.00
76) Chrysene-d12	21.418	240	616460	20.000	ng	0.00
86) Perylene-d12	23.777	264	681897	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	633407	84.204	ng	0.00
7) Phenol-d6	7.001	99	500413	45.266	ng	0.00
23) Nitrobenzene-d5	8.989	82	1043092	101.764	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	601294	151.005	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	2180669	98.327	ng	0.00
79) Terphenyl-d14	19.859	244	3728765	109.120	ng	0.00
Target Compounds						
3) Pyridine	3.654	79	206050	22.521	ng	Qvalue 96
32) Benzoic acid	10.030	122	154	6.014	ng	# 59
56) 4-Nitrophenol	14.713	139	356	5.479	ng	# 1
62) 4-Nitroaniline	15.560	138	269	2.838	ng	# 69

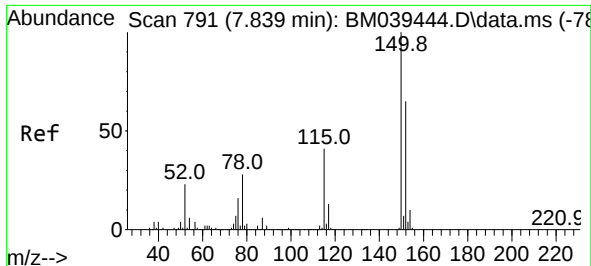
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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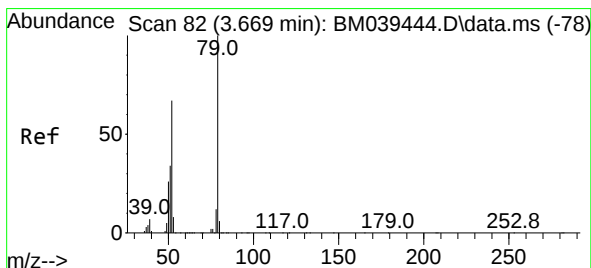
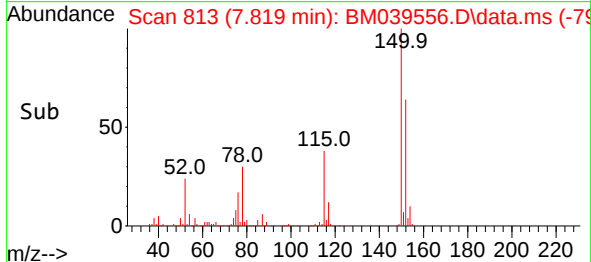
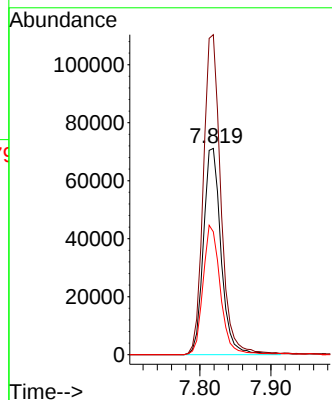
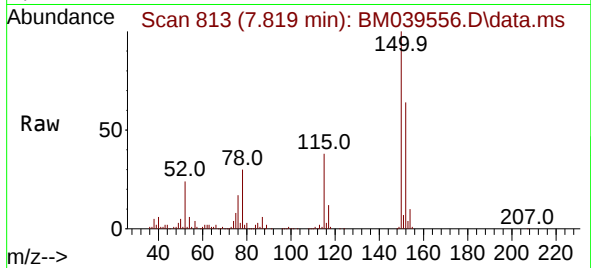




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

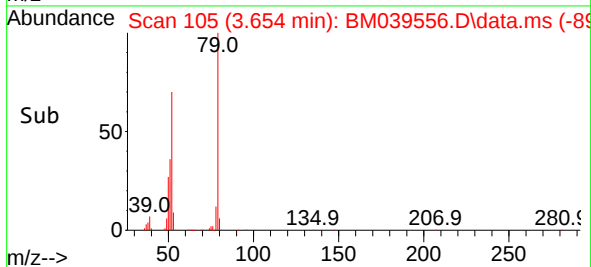
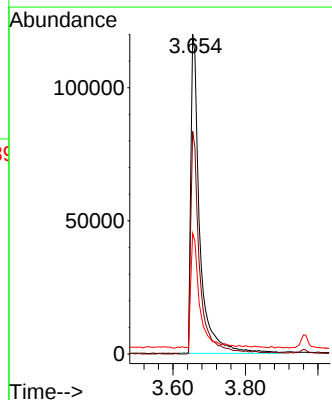
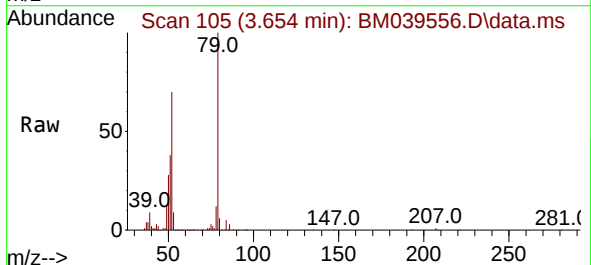
Instrument :
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COMP-1

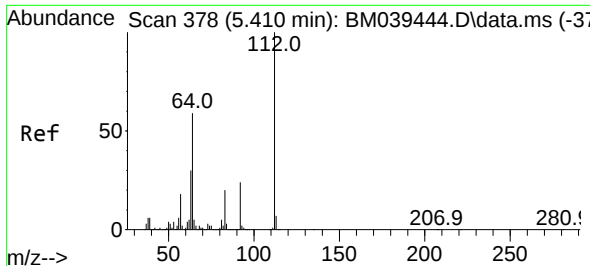
Tgt Ion:152 Resp: 122901
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.4
115 59.6 49.9 74.9



#3
Pyridine
Concen: 22.521 ng
RT: 3.654 min Scan# 105
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

Tgt Ion: 79 Resp: 206050
Ion Ratio Lower Upper
79 100
52 69.6 53.8 80.8
51 37.7 27.7 41.5

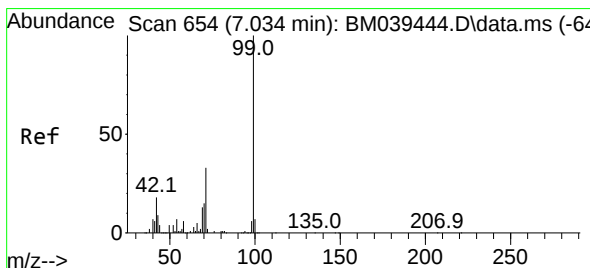
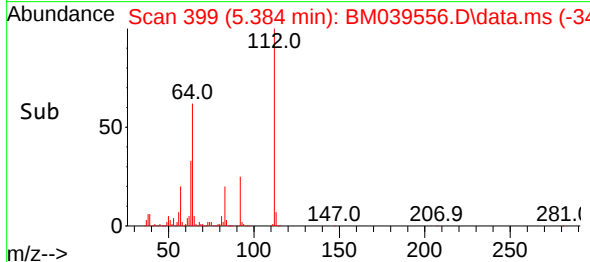
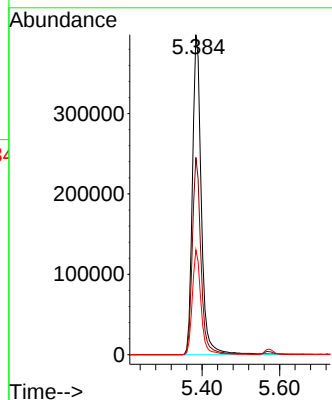
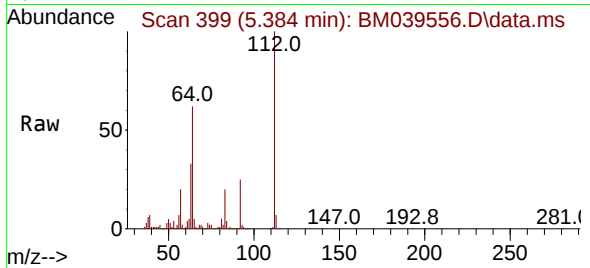




#5
2-Fluorophenol
Concen: 84.204 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

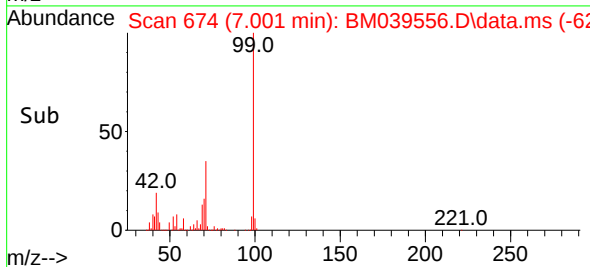
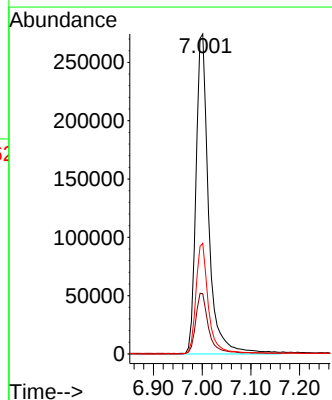
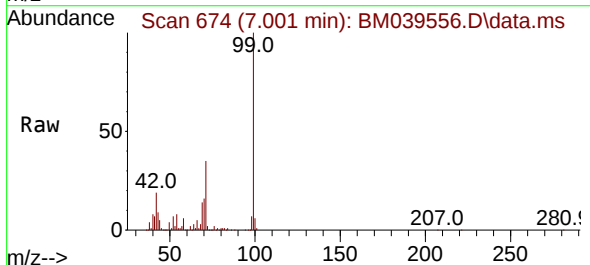
Instrument :
BNA_M
ClientSampleId :
COMP-1

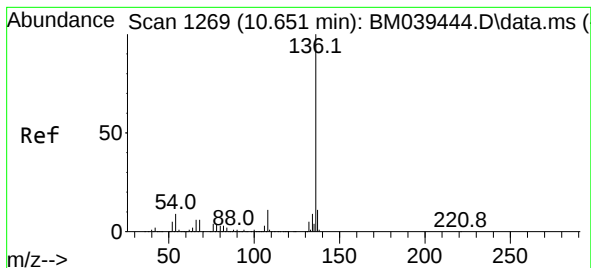
Tgt Ion: 112 Resp: 633407
Ion Ratio Lower Upper
112 100
64 61.7 47.0 70.4
63 32.7 24.2 36.4



#7
Phenol-d6
Concen: 45.266 ng
RT: 7.001 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

Tgt Ion: 99 Resp: 500413
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 34.6 26.8 40.2

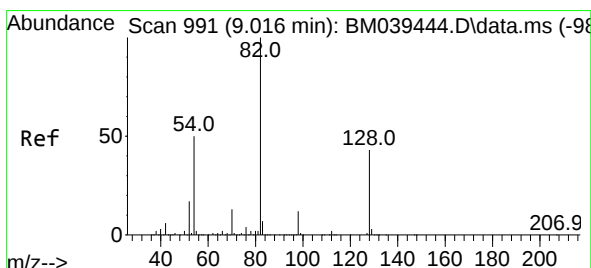
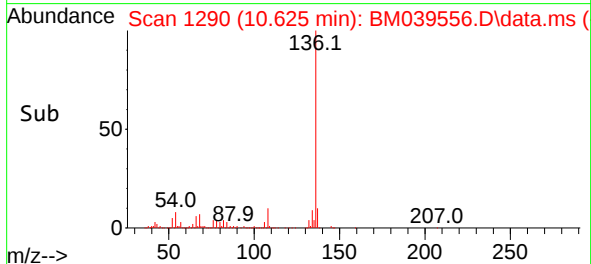
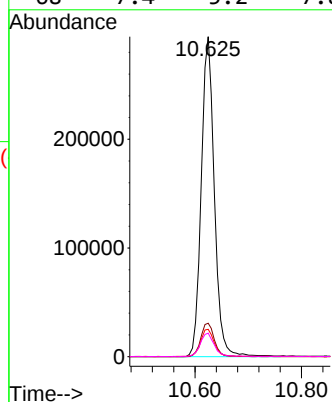
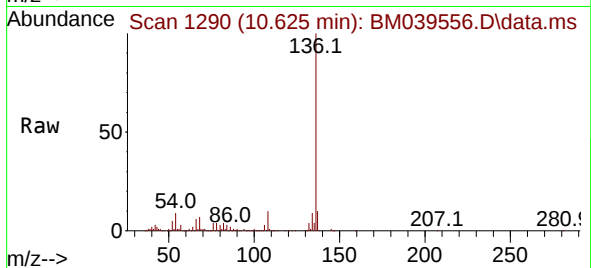




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

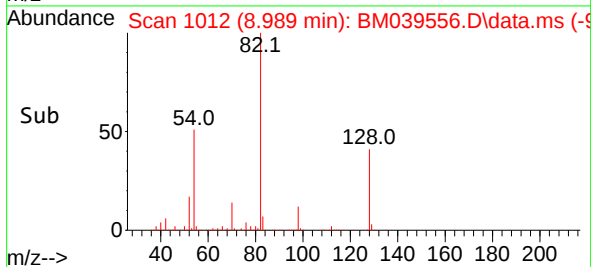
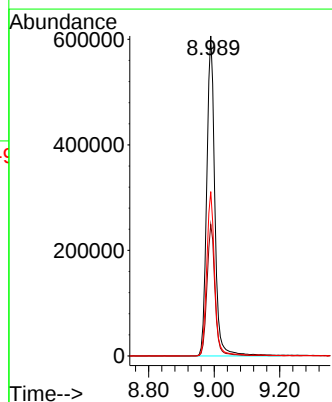
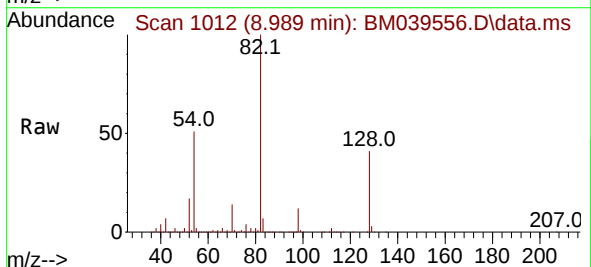
Instrument :
BNA_M
ClientSampleId :
COMP-1

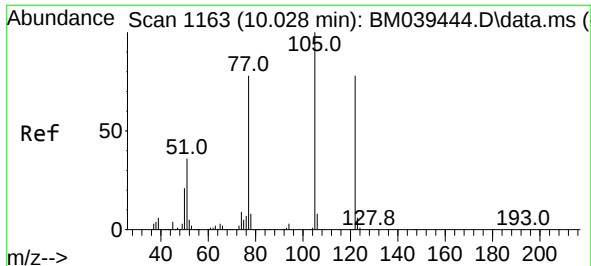
Tgt Ion:136 Resp: 501951
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.6 6.9 10.3
68 7.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 101.764 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

Tgt Ion: 82 Resp: 1043092
Ion Ratio Lower Upper
82 100
128 41.1 34.2 51.2
54 51.4 39.7 59.5

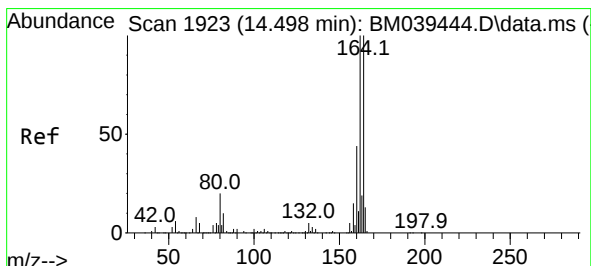
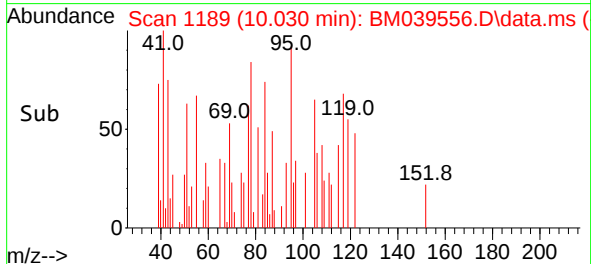
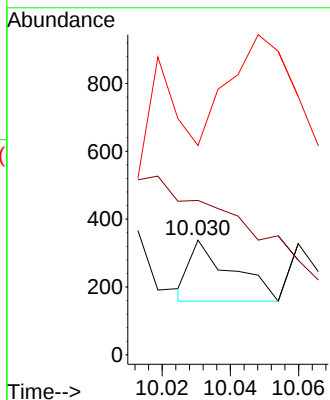
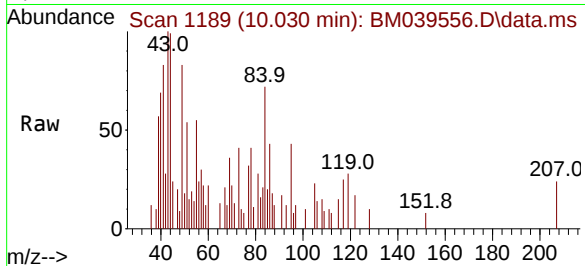




#32
Benzoic acid
Concen: 6.014 ng
RT: 10.030 min Scan# 1163
Delta R.T. 0.023 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

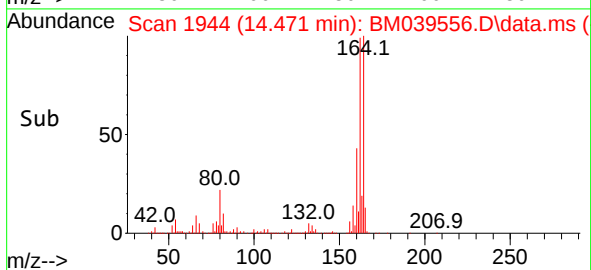
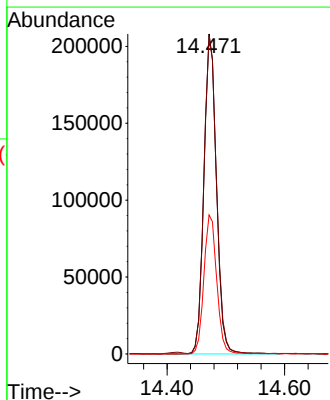
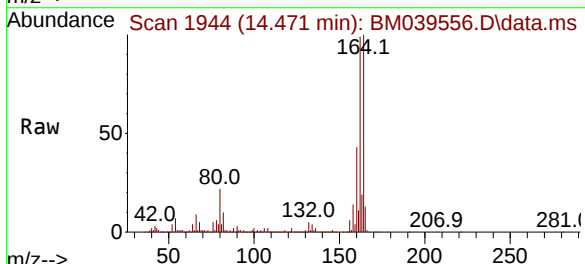
Instrument :
BNA_M
ClientSampleId :
COMP-1

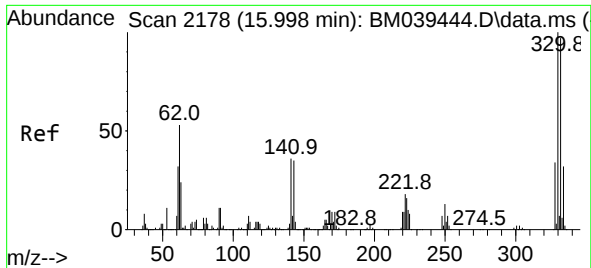
Tgt Ion:122 Resp: 154
Ion Ratio Lower Upper
122 100
105 134.6 105.9 145.9
77 182.5 78.8 118.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

Tgt Ion:164 Resp: 306859
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 43.5 35.0 52.4

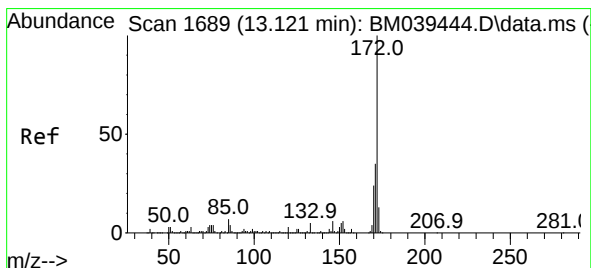
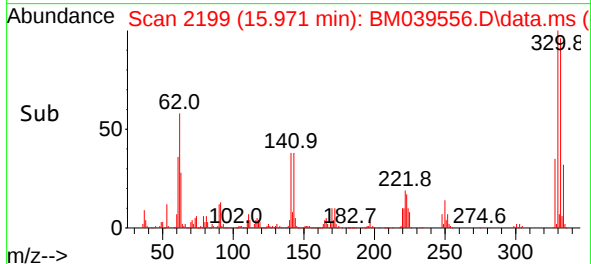
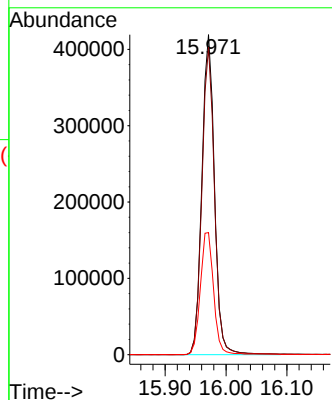
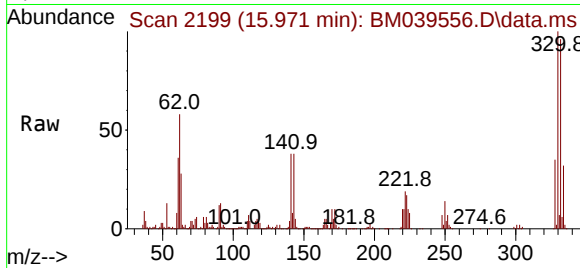




#42
 2,4,6-Tribromophenol
 Concen: 151.005 ng
 RT: 15.971 min Scan# 2178
 Delta R.T. -0.006 min
 Lab File: BM039556.D
 Acq: 21 Apr 2023 18:02

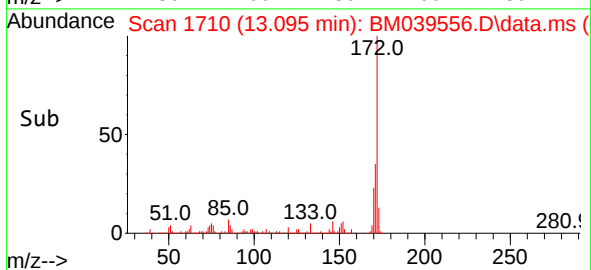
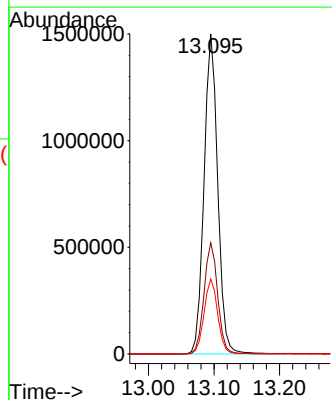
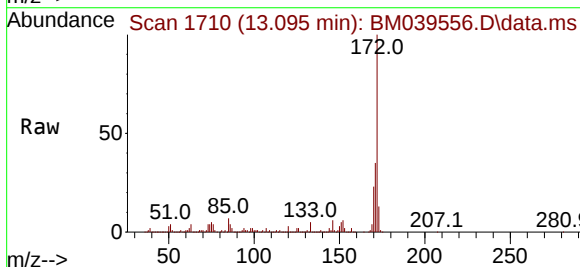
Instrument :
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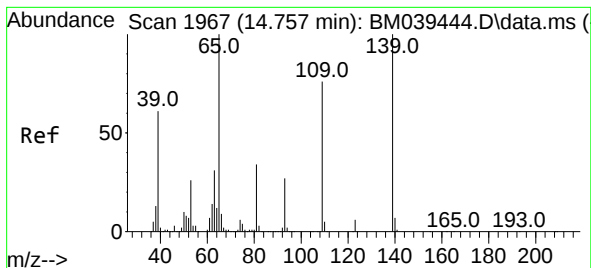
Tgt Ion:330 Resp: 601294
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 40.3 31.0 46.6



#45
 2-Fluorobiphenyl
 Concen: 98.327 ng
 RT: 13.095 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BM039556.D
 Acq: 21 Apr 2023 18:02

Tgt Ion:172 Resp: 2180669
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 23.4 19.0 28.4

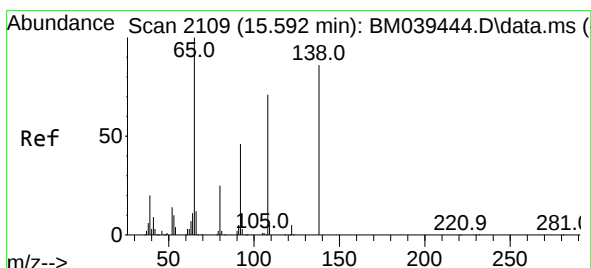
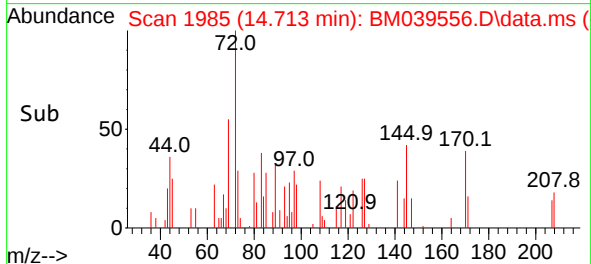
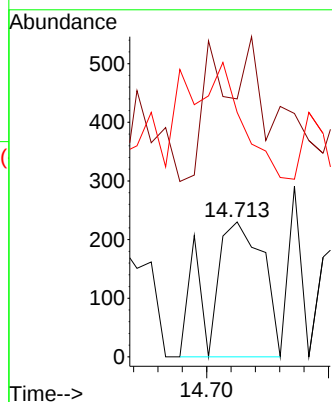
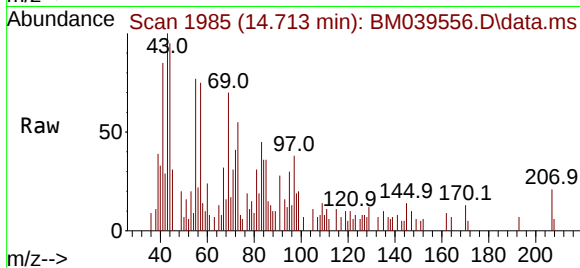




#56
4-Nitrophenol
Concen: 5.479 ng
RT: 14.713 min Scan# 1967
Delta R.T. -0.018 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

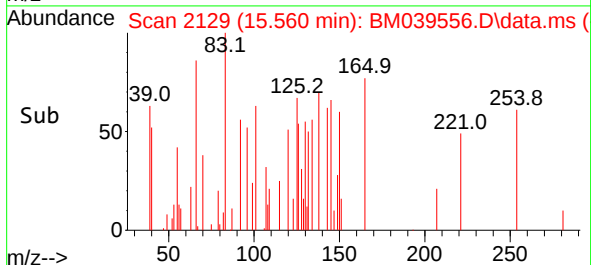
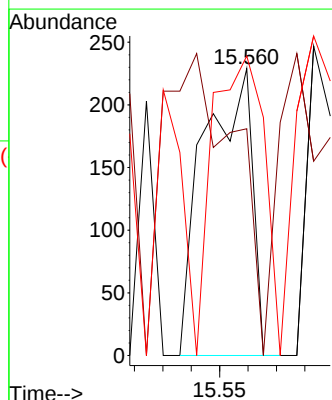
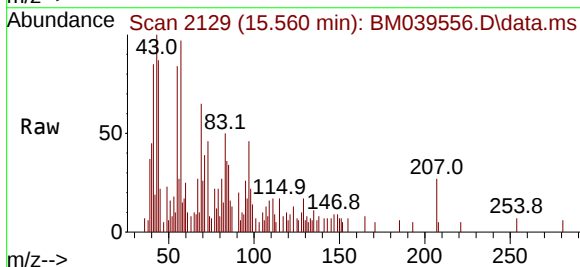
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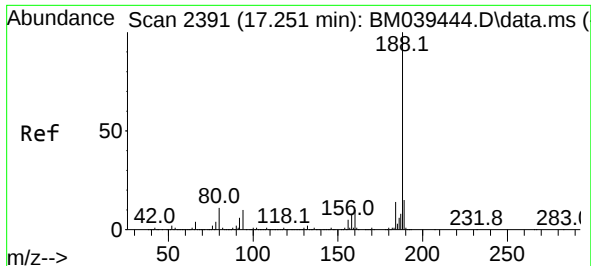
Tgt Ion:139 Resp: 356
Ion Ratio Lower Upper
139 100
109 191.3 56.5 96.5#
65 181.3 81.3 121.3#



#62
4-Nitroaniline
Concen: 2.838 ng
RT: 15.560 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

Tgt Ion:138 Resp: 269
Ion Ratio Lower Upper
138 100
92 79.0 32.6 72.6#
108 104.4 60.6 100.6#

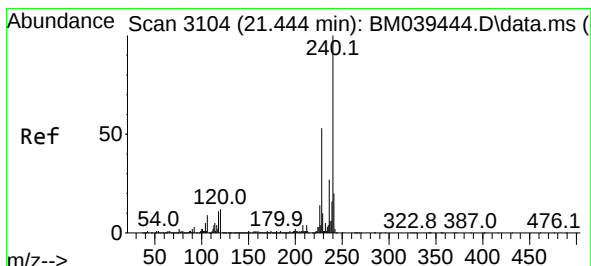
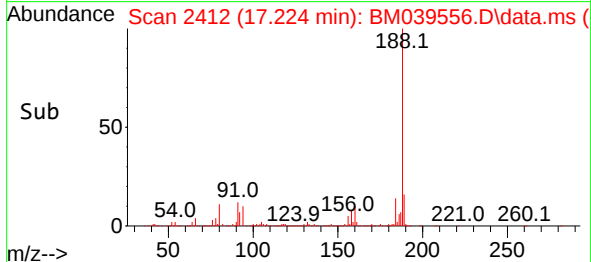
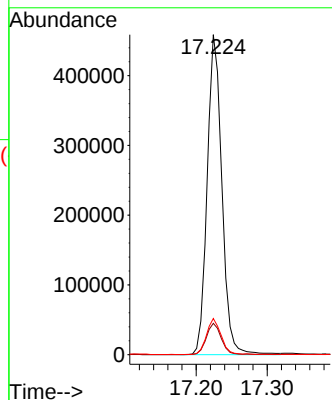
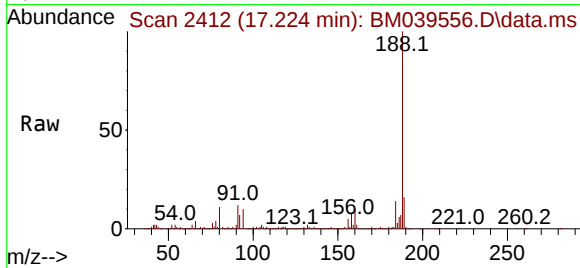




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

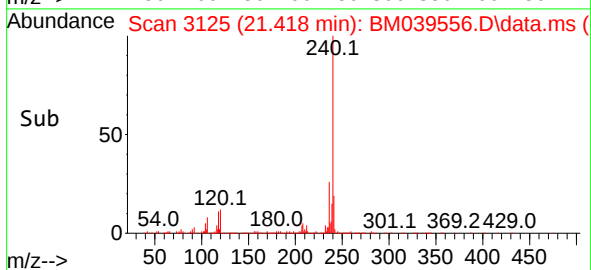
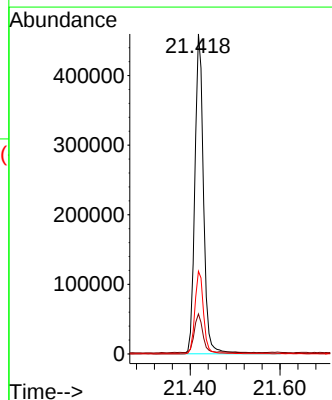
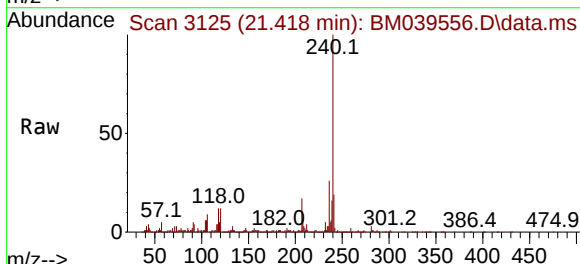
Instrument :
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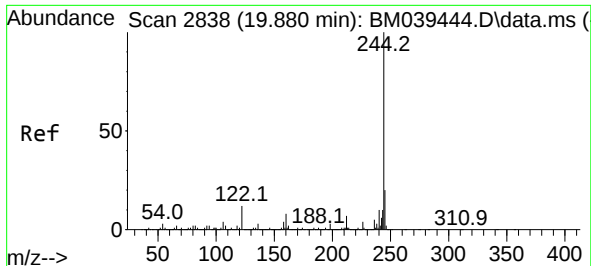
Tgt Ion:188 Resp: 661983
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 11.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM039556.D
Acq: 21 Apr 2023 18:02

Tgt Ion:240 Resp: 616460
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.9 21.2 31.8

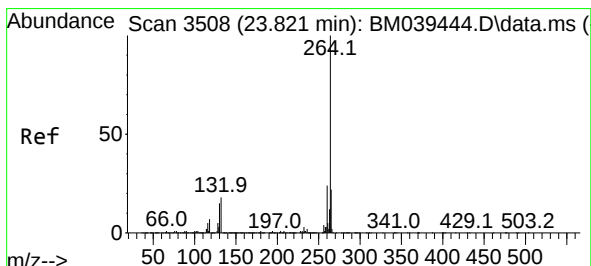
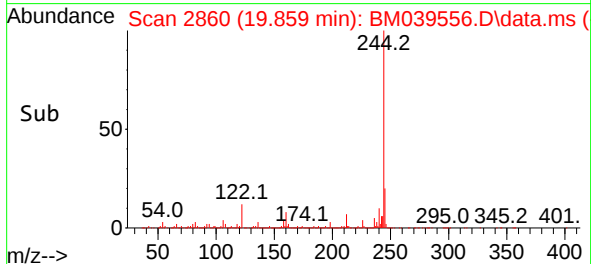
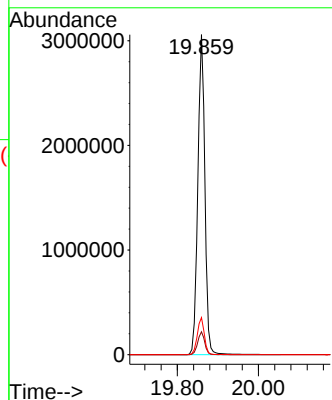
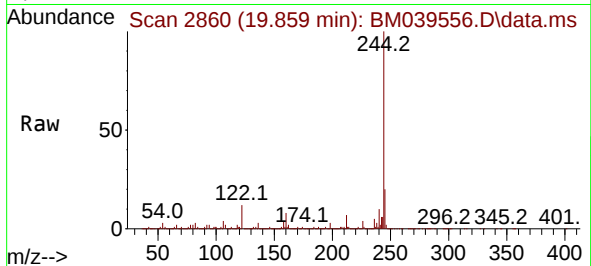




#79
 Terphenyl-d14
 Concen: 109.120 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039556.D
 Acq: 21 Apr 2023 18:02

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 3728765
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.6 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3526
 Delta R.T. -0.012 min
 Lab File: BM039556.D
 Acq: 21 Apr 2023 18:02

Tgt Ion:264 Resp: 681897
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.3 18.0 27.0

