

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041232.D
 Acq On : 01 Aug 2023 19:38
 Operator : MA/JU
 Sample : 03715-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T842-FH-01-BW

Quant Time: Aug 02 01:56:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

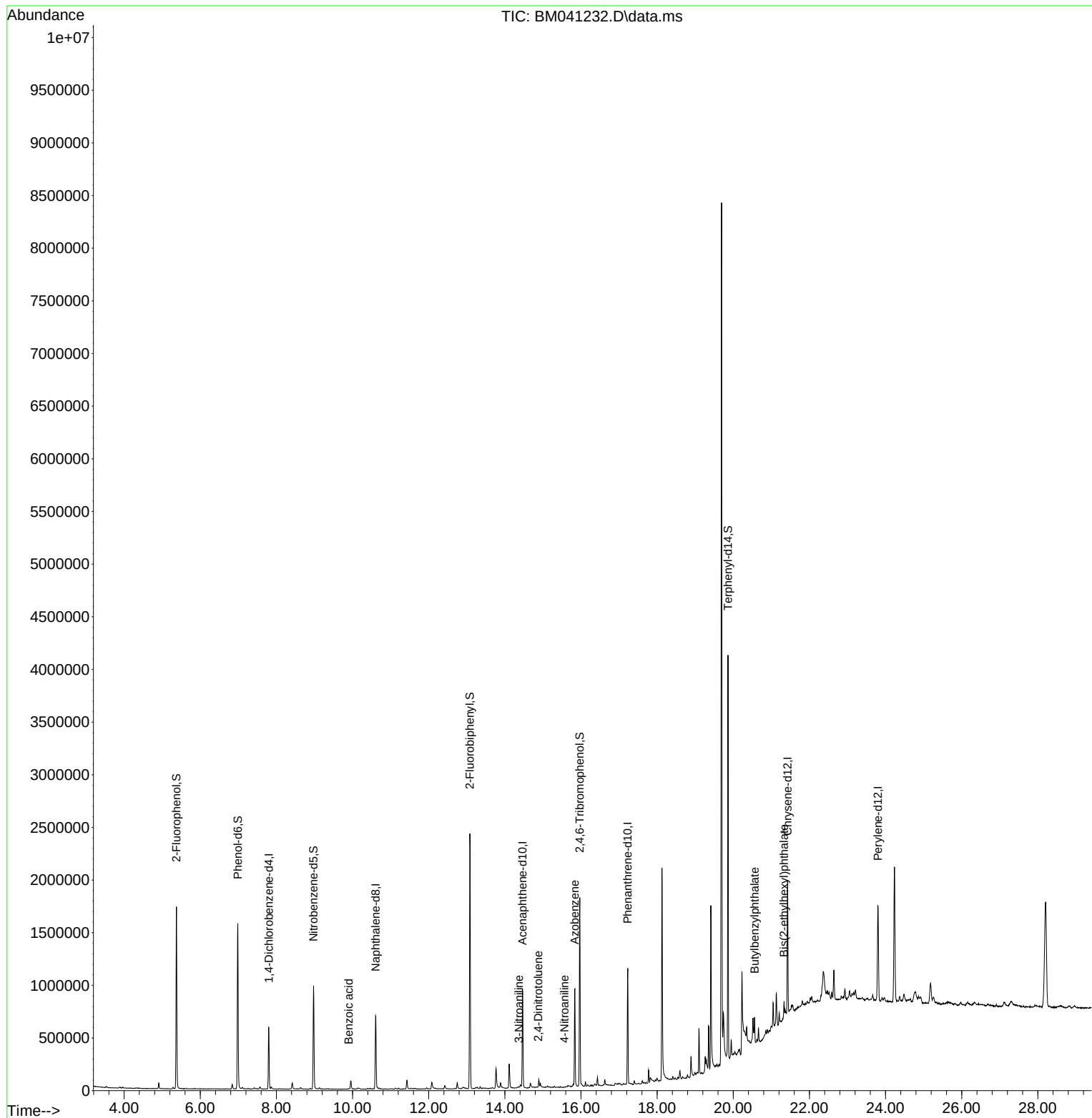
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	149589	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	560782	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	309294	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	637818	20.000	ng	0.00
76) Chrysene-d12	21.427	240	592514	20.000	ng	0.00
86) Perylene-d12	23.797	264	671033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	699509	69.890	ng	0.01
7) Phenol-d6	6.987	99	865627	66.722	ng	0.01
23) Nitrobenzene-d5	8.975	82	549897	45.602	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	327787	74.926	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1189613	48.587	ng	0.00
79) Terphenyl-d14	19.862	244	1728507	52.745	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.898	122	2755	7.527	ng	# 63
53) 3-Nitroaniline	14.369	138	6937	3.754	ng	# 4
57) 2,4-Dinitrotoluene	14.874	165	64	2.679	ng	# 34
62) 4-Nitroaniline	15.568	138	119	4.169	ng	# 13
63) Azobenzene	15.833	77	271966	11.035	ng	# 1
80) Butylbenzylphthalate	20.562	149	68156	4.504	ng	94
84) Bis(2-ethylhexyl)phtha...	21.333	149	51877	4.584	ng	# 97

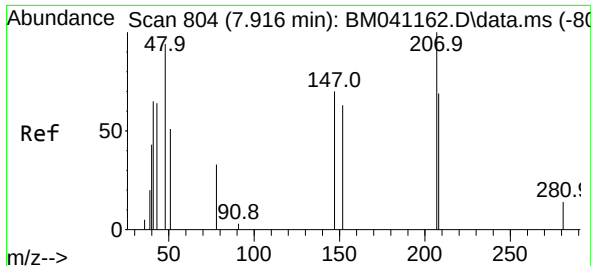
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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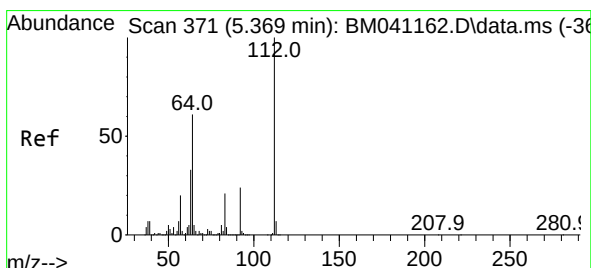
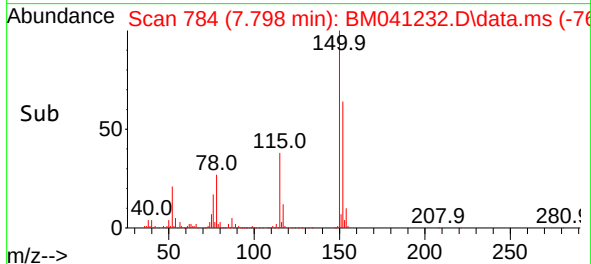
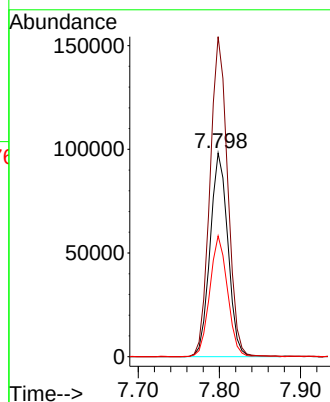
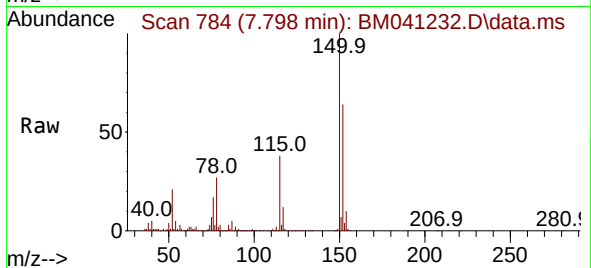




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

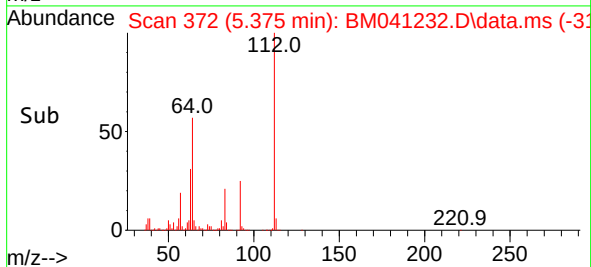
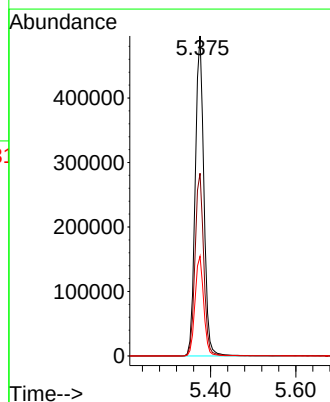
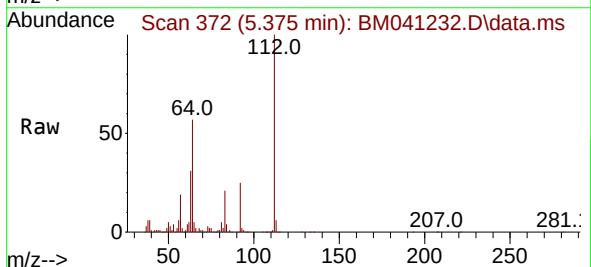
Instrument :
BNA_M
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T842-FH-01-BW

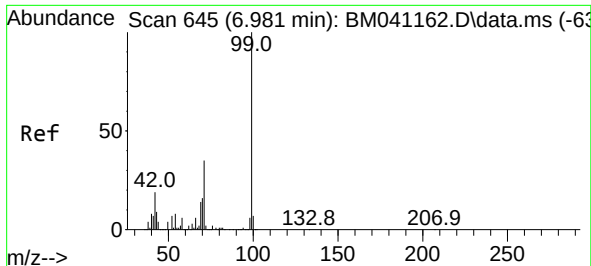
Tgt Ion:152 Resp: 149589
Ion Ratio Lower Upper
152 100
150 157.1 125.5 188.3
115 59.3 48.0 72.0



#5
2-Fluorophenol
Concen: 69.890 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.012 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion:112 Resp: 699509
Ion Ratio Lower Upper
112 100
64 57.1 48.5 72.7
63 31.2 26.5 39.7

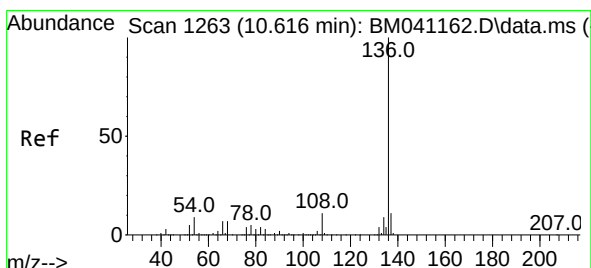
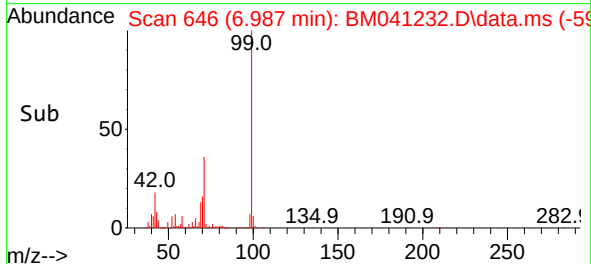
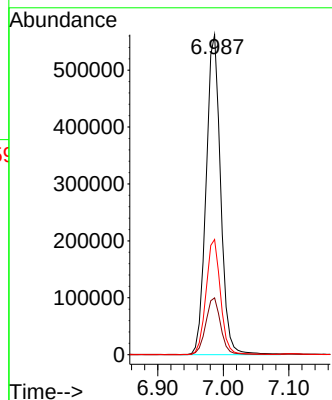
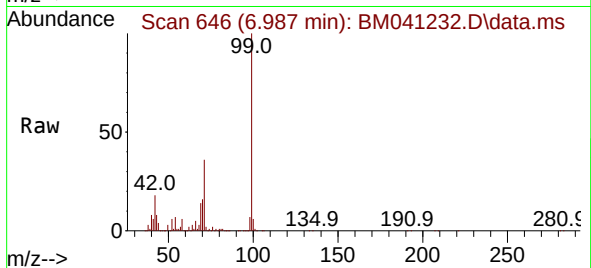




#7
Phenol-d6
Concen: 66.722 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.012 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

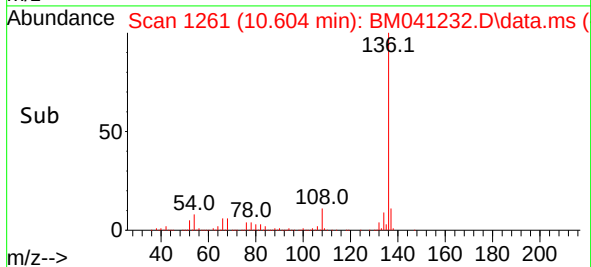
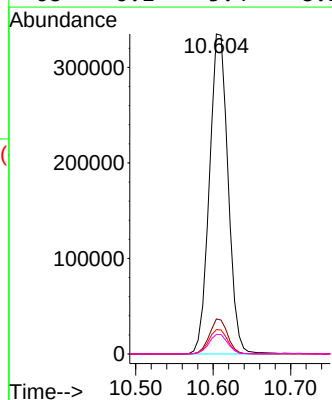
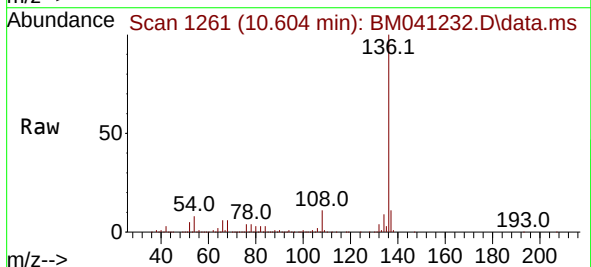
Instrument :
BNA_M
ClientSampleId :
T842-FH-01-BW

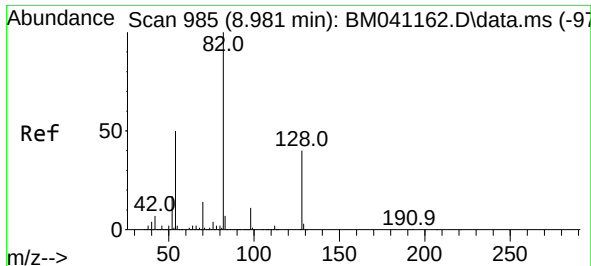
Tgt Ion: 99 Resp: 865627
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion: 136 Resp: 560782
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.9 10.3
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 45.602 ng

RT: 8.975 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041232.D

Acq: 01 Aug 2023 19:38

Instrument :

BNA_M

ClientSampleId :

T842-FH-01-BW

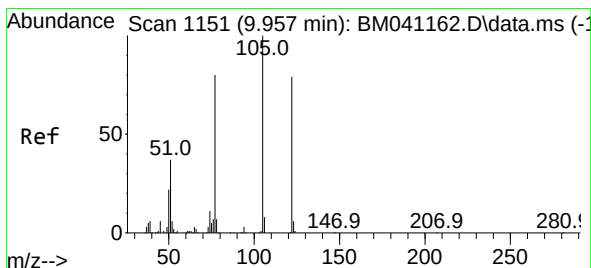
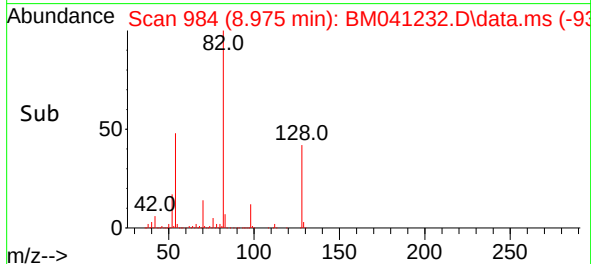
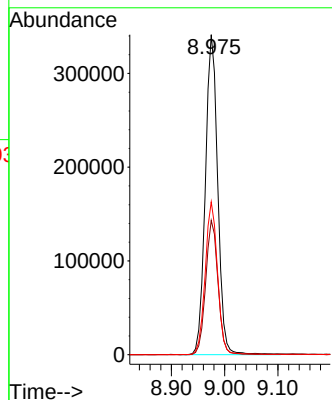
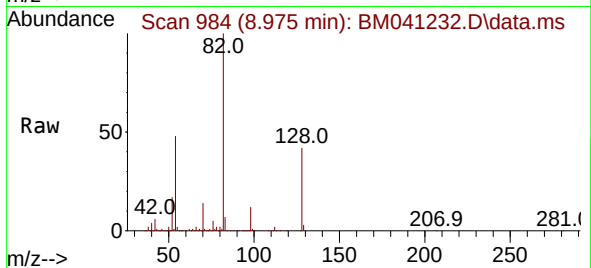
Tgt Ion: 82 Resp: 549897

Ion Ratio Lower Upper

82 100

128 42.0 31.8 47.6

54 47.8 40.1 60.1



#32

Benzoic acid

Concen: 7.527 ng

RT: 9.898 min Scan# 1141

Delta R.T. -0.047 min

Lab File: BM041232.D

Acq: 01 Aug 2023 19:38

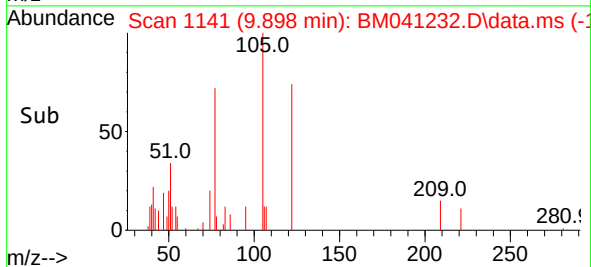
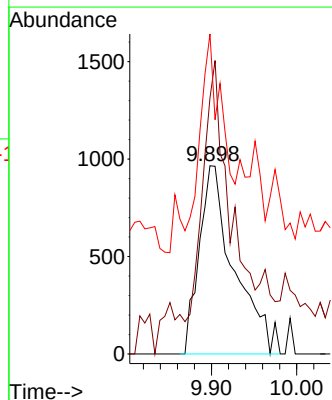
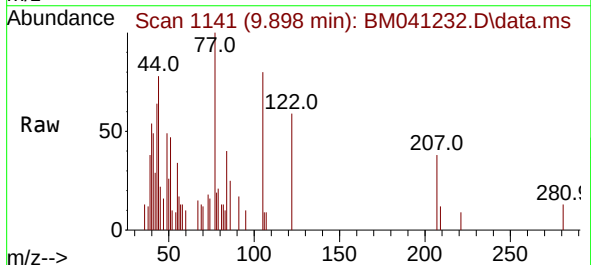
Tgt Ion: 122 Resp: 2755

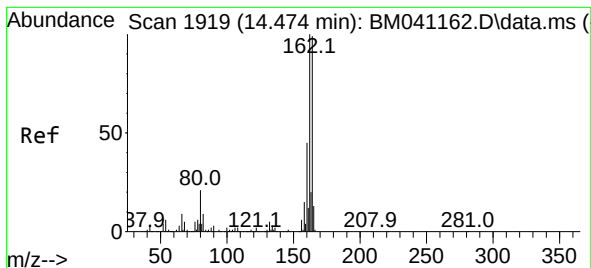
Ion Ratio Lower Upper

122 100

105 135.9 104.0 144.0

77 170.0 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BM041232.D

Acq: 01 Aug 2023 19:38

Instrument :

BNA_M

ClientSampleId :

T842-FH-01-BW

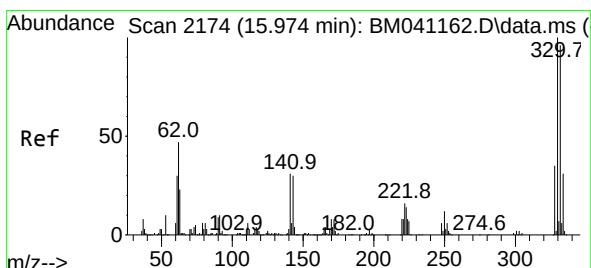
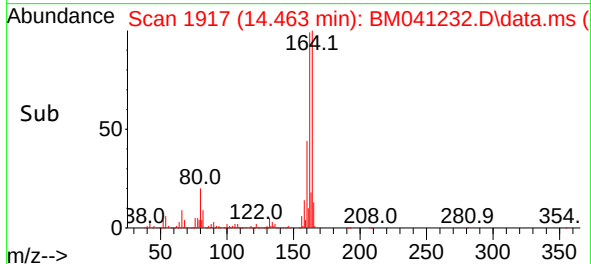
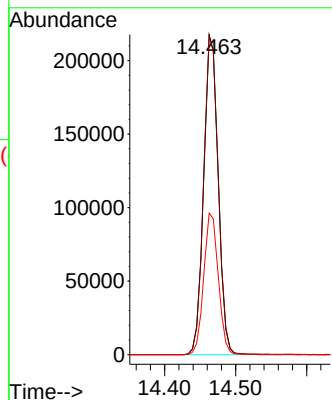
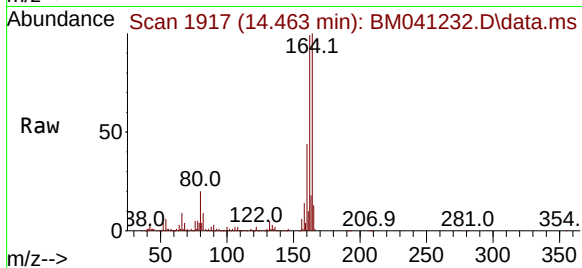
Tgt Ion:164 Resp: 309294

Ion Ratio Lower Upper

164 100

162 99.5 80.4 120.6

160 44.2 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 74.926 ng

RT: 15.968 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BM041232.D

Acq: 01 Aug 2023 19:38

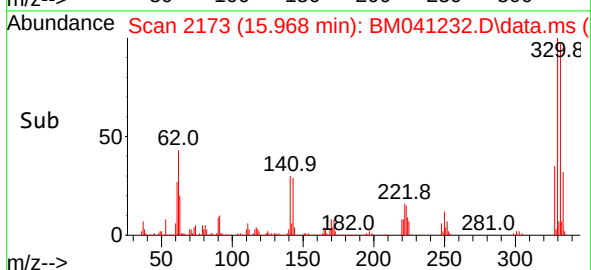
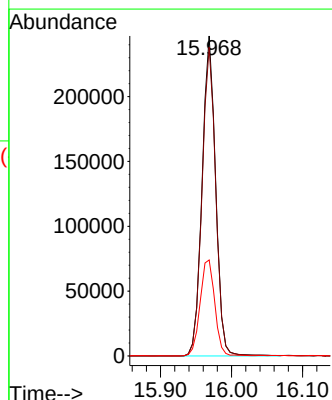
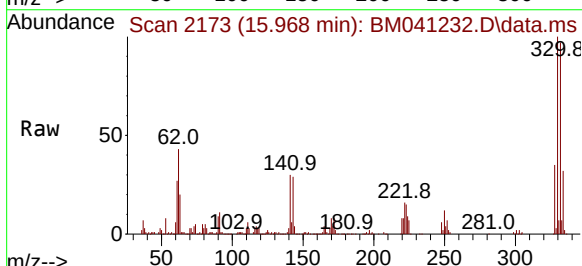
Tgt Ion:330 Resp: 327787

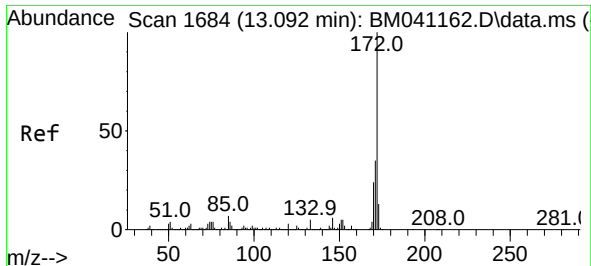
Ion Ratio Lower Upper

330 100

332 97.7 77.7 116.5

141 32.7 28.3 42.5

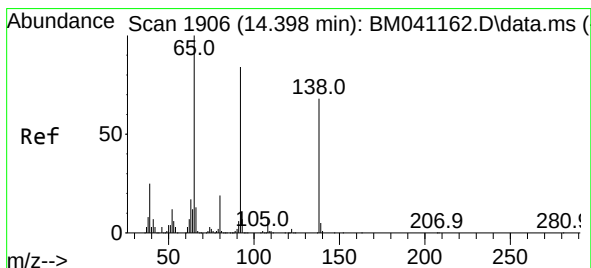
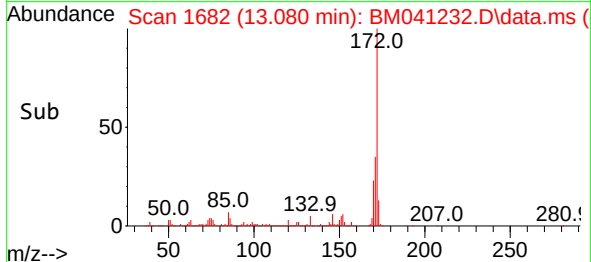
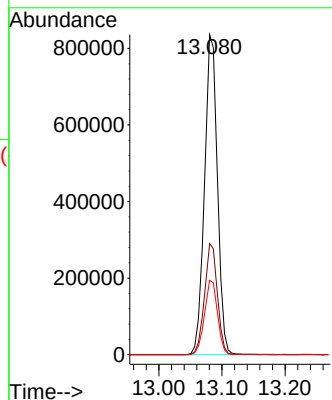
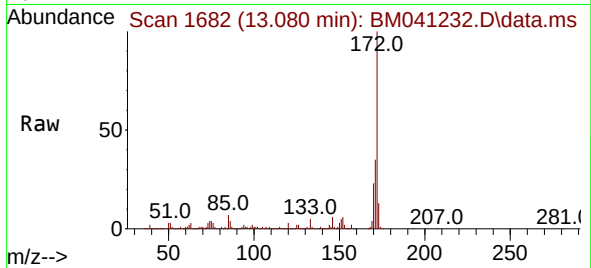




#45
2-Fluorobiphenyl
Concen: 48.587 ng
RT: 13.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

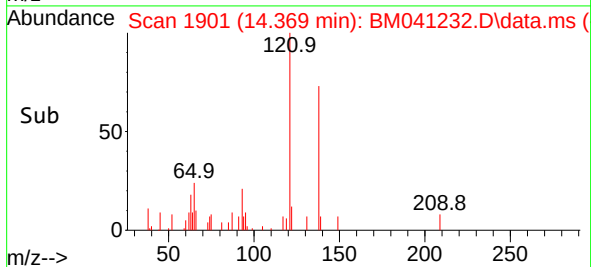
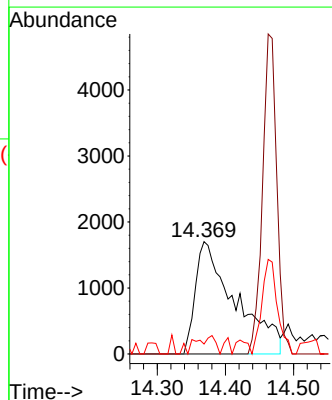
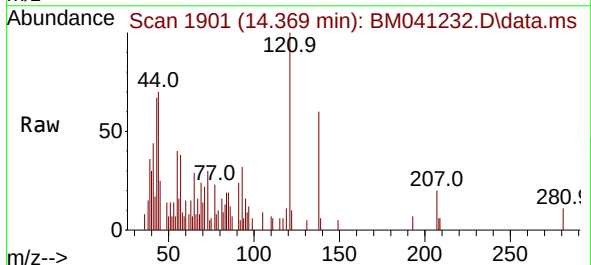
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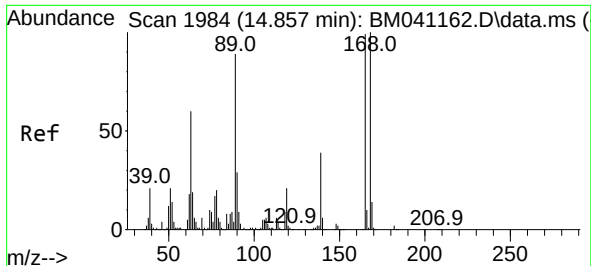
Tgt Ion:172 Resp: 1189613
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.3 18.9 28.3



#53
3-Nitroaniline
Concen: 3.754 ng
RT: 14.369 min Scan# 1901
Delta R.T. -0.024 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion:138 Resp: 6937
Ion Ratio Lower Upper
138 100
108 0.0 7.6 11.4#
92 8.9 98.9 148.3#

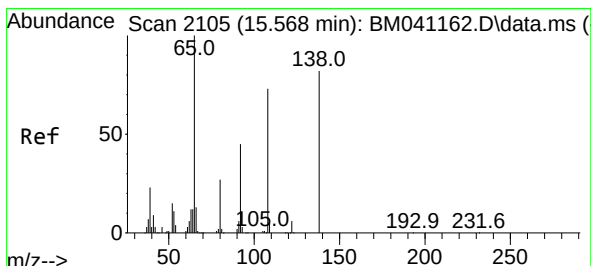
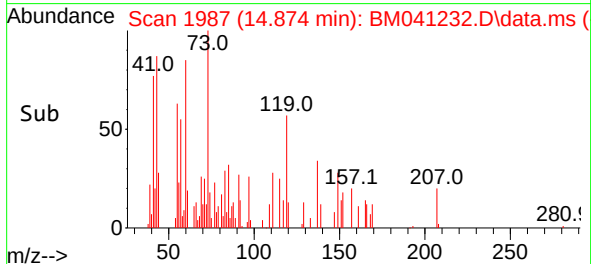
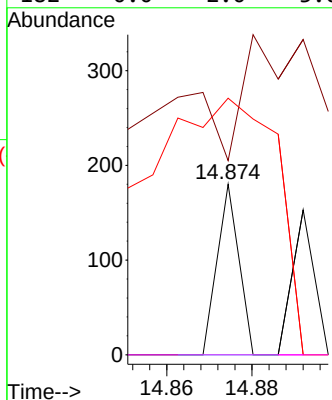
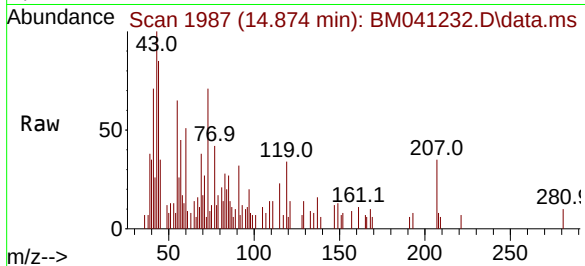




#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.874 min Scan# 1984
Delta R.T. 0.024 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

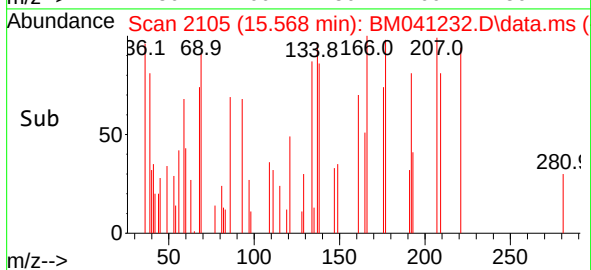
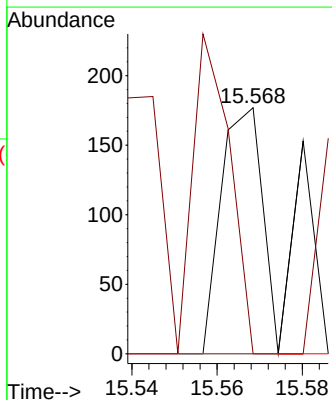
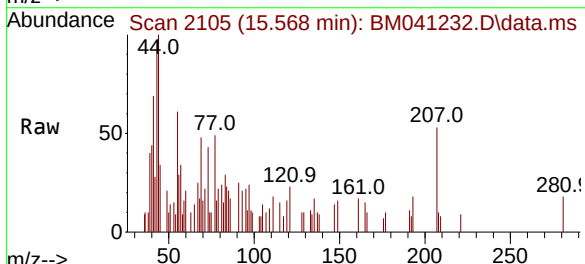
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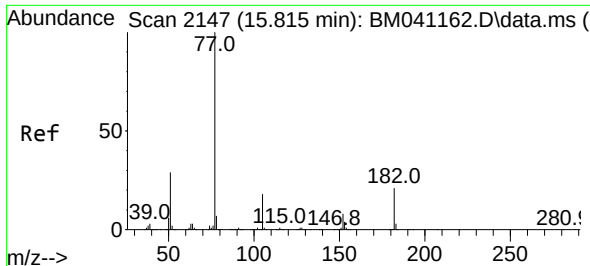
Tgt Ion:	165	Resp:	64
Ion	Ratio	Lower	Upper
165	100		
63	113.9	48.3	72.5#
89	150.6	71.8	107.8#
182	0.0	2.0	3.0#



#62
4-Nitroaniline
Concen: 4.169 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion:	138	Resp:	119
Ion	Ratio	Lower	Upper
138	100		
92	0.0	35.1	75.1#
108	0.0	67.8	107.8#

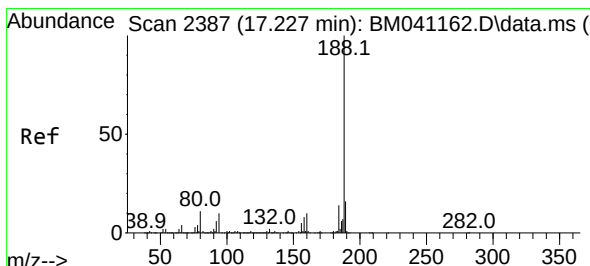
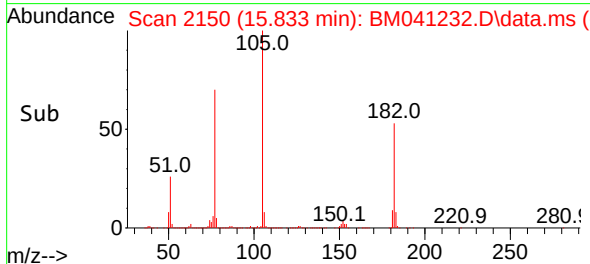
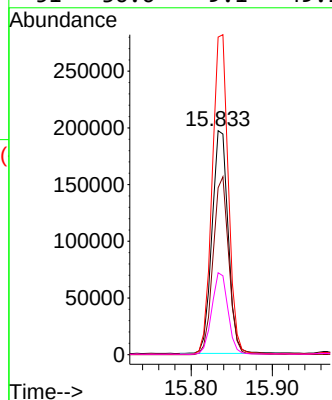
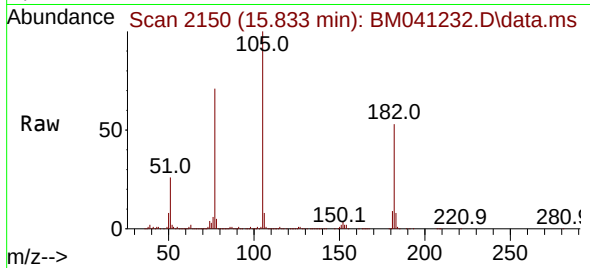




#63
Azobenzene
Concen: 11.035 ng
RT: 15.833 min Scan# 2147
Delta R.T. 0.024 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

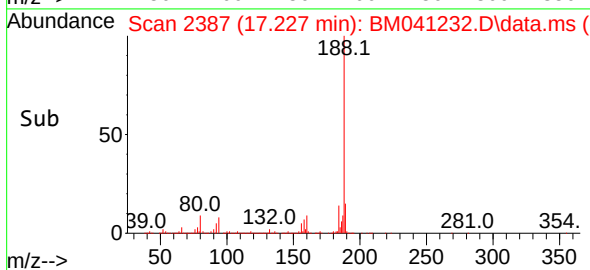
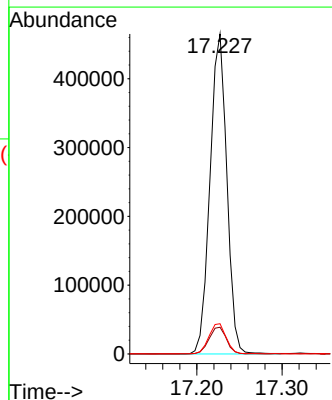
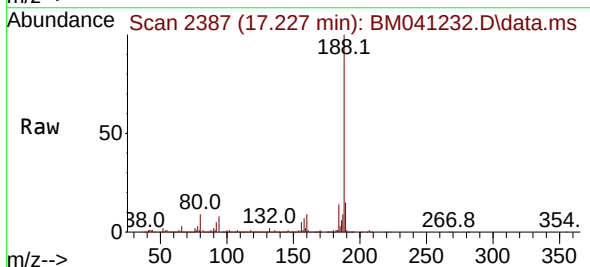
Instrument :
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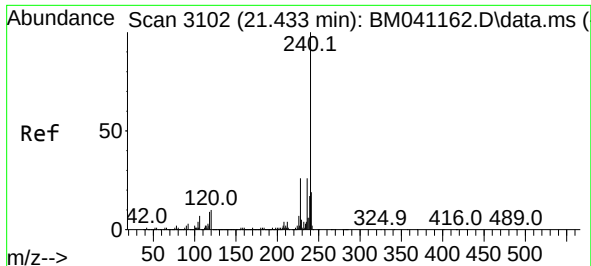
Tgt Ion: 77 Resp: 271966
Ion Ratio Lower Upper
77 100
182 74.5 1.3 41.3#
105 141.8 0.0 38.5#
51 36.6 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion: 188 Resp: 637818
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.4 8.6 13.0

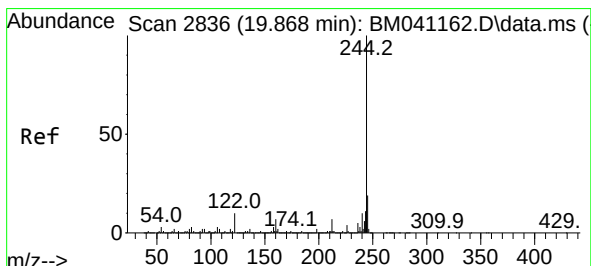
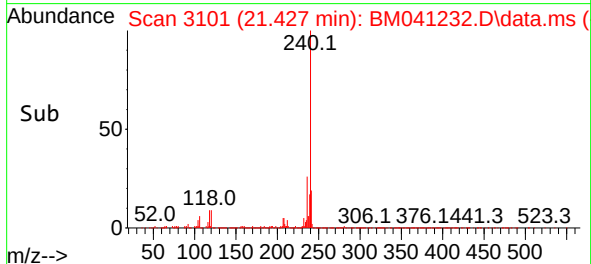
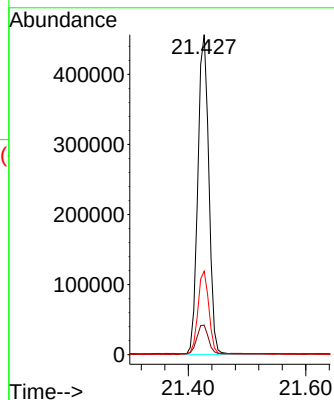
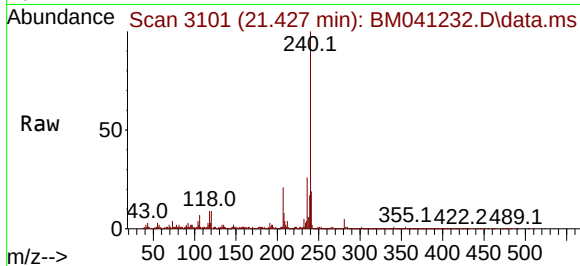




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

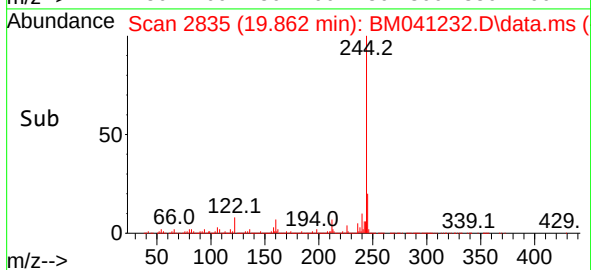
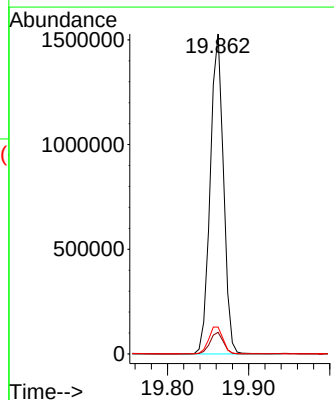
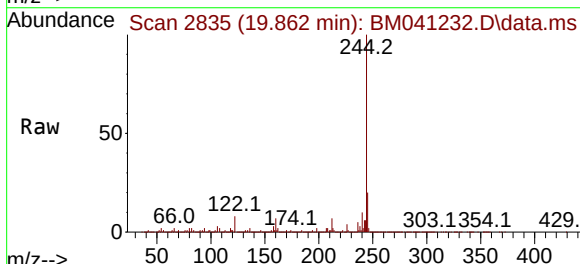
Instrument :
BNA_M
ClientSampleId :
T842-FH-01-BW

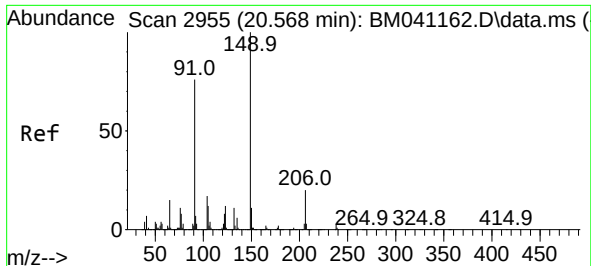
Tgt Ion:240 Resp: 592514
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 52.745 ng
RT: 19.862 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion:244 Resp: 1728507
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 8.4 7.8 11.6

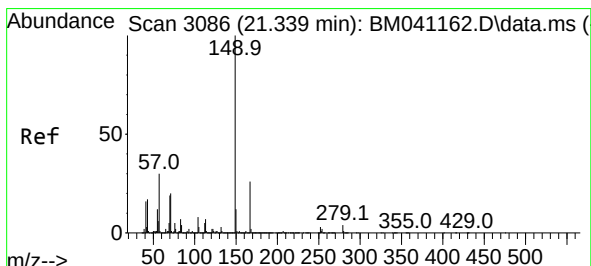
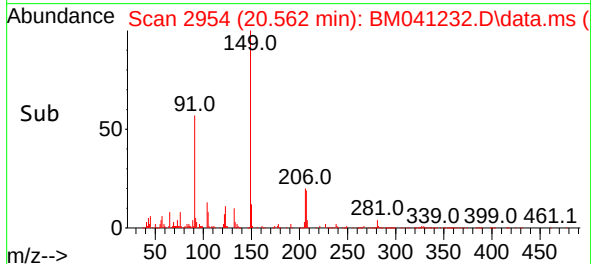
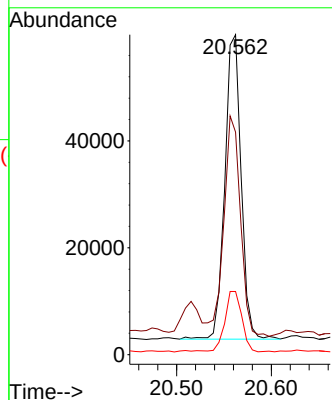
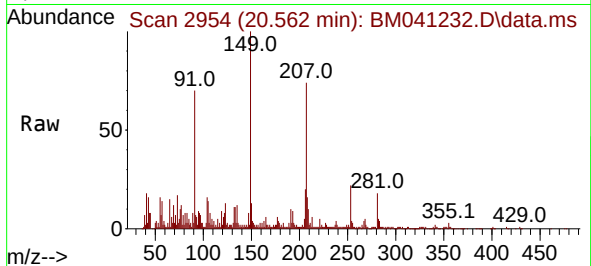




#80
Butylbenzylphthalate
Concen: 4.504 ng
RT: 20.562 min Scan# 2955
Delta R.T. 0.000 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

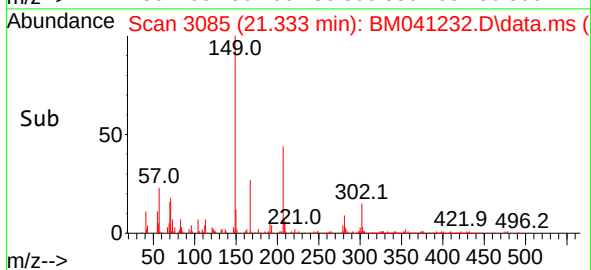
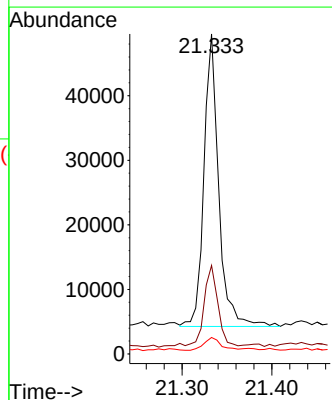
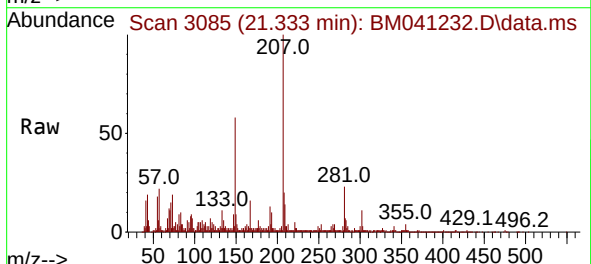
Instrument :
BNA_M
ClientSampleId :
T842-FH-01-BW

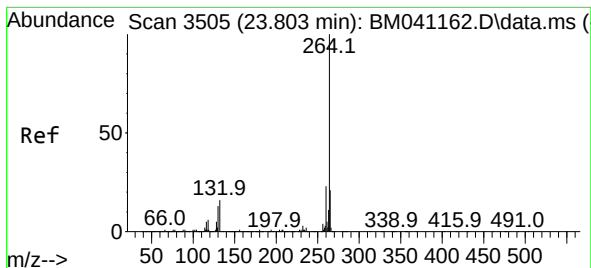
Tgt Ion:149 Resp: 68156
Ion Ratio Lower Upper
149 100
91 69.6 60.8 91.2
206 19.8 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.584 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041232.D
Acq: 01 Aug 2023 19:38

Tgt Ion:149 Resp: 51877
Ion Ratio Lower Upper
149 100
167 27.7 21.0 31.6
279 5.1 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM041232.D

Acq: 01 Aug 2023 19:38

Instrument :

BNA_M

ClientSampleId :

T842-FH-01-BW

Tgt Ion:264 Resp: 671033

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 22.3 17.4 26.0

