

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041229.D
 Acq On : 01 Aug 2023 17:46
 Operator : MA/JU
 Sample : 03715-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T842-FH-04-CT

Quant Time: Aug 02 01:55:46 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)

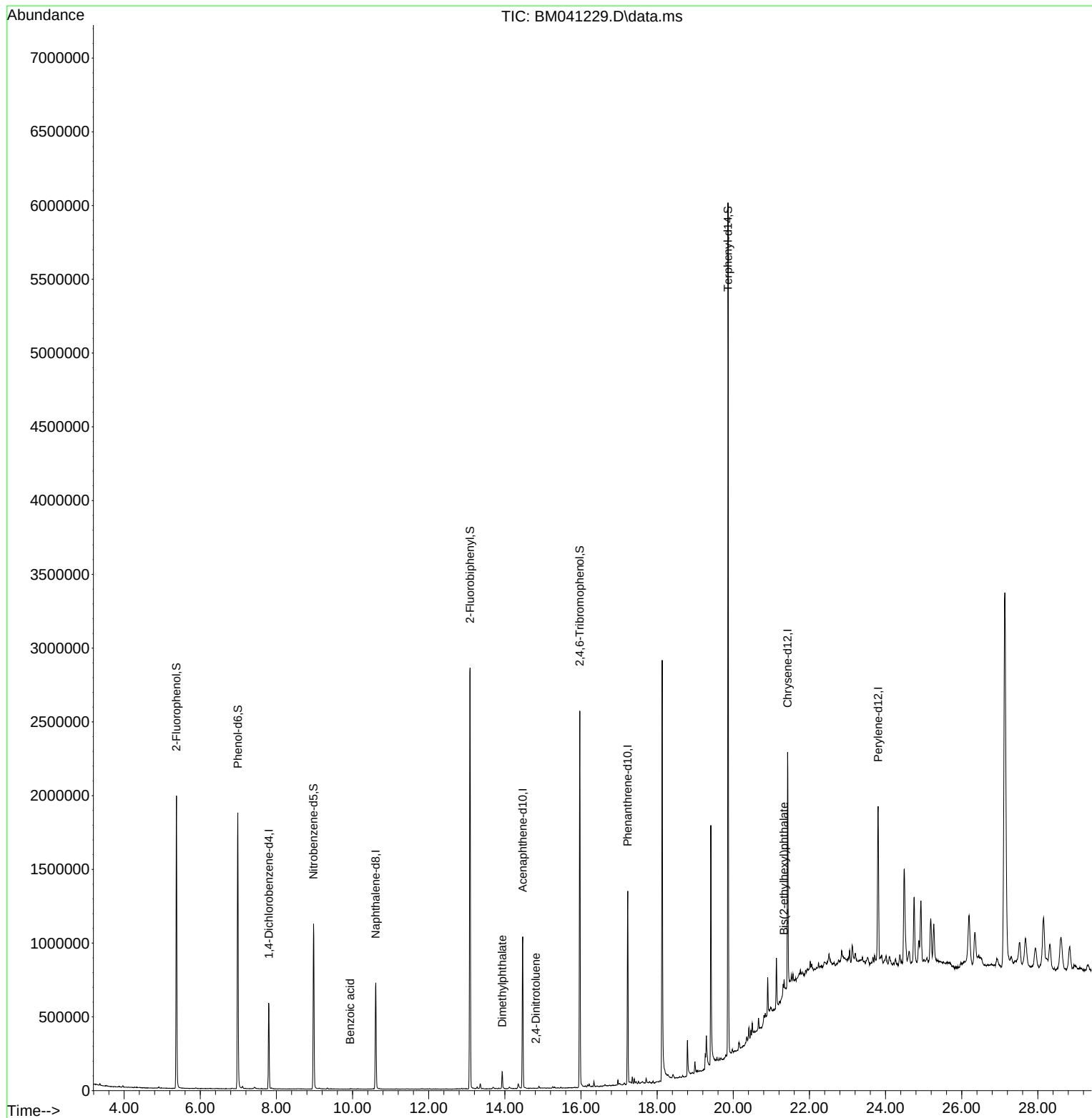
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	150020	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	575861	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	349160	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	766411	20.000	ng	0.00
76) Chrysene-d12	21.427	240	704041	20.000	ng	0.00
86) Perylene-d12	23.803	264	789808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	812918	80.988	ng	0.01
7) Phenol-d6	6.987	99	1028272	79.030	ng	0.01
23) Nitrobenzene-d5	8.975	82	653557	52.779	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	454657	92.060	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1475631	53.388	ng	0.00
79) Terphenyl-d14	19.862	244	2525026	64.845	ng	0.00
Target Compounds						
32) Benzoic acid	9.939	122	57	7.163	ng	# 1
50) Dimethylphthalate	13.933	163	74157	2.823	ng	99
57) 2,4-Dinitrotoluene	14.815	165	66	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	25869	3.397	ng	# 97

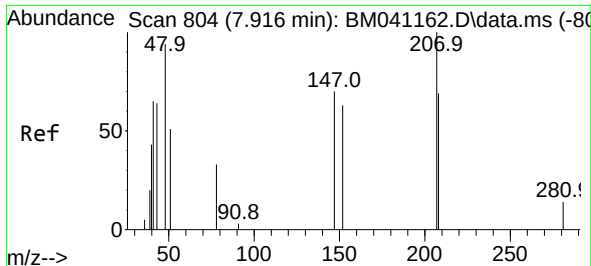
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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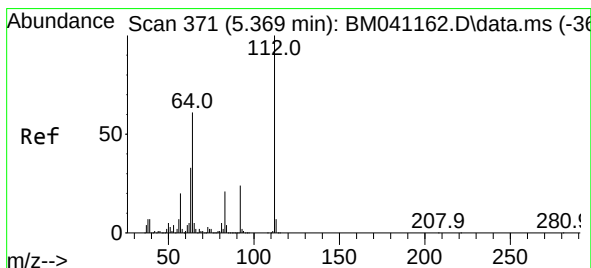
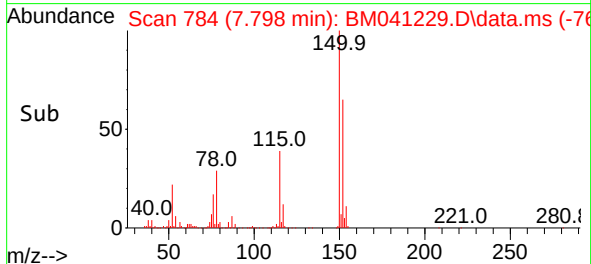
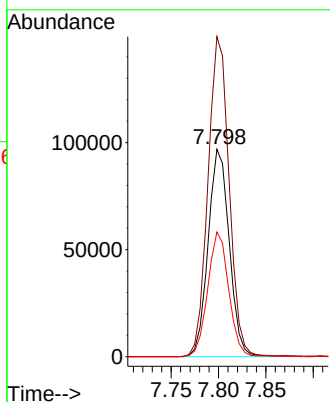
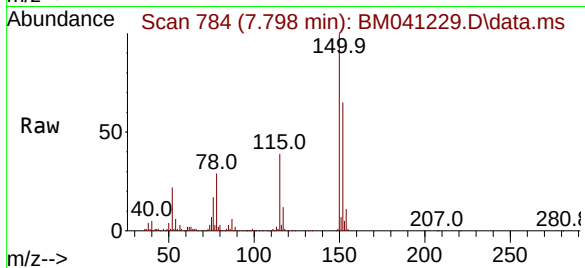




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

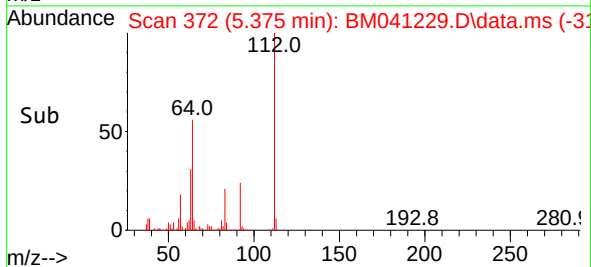
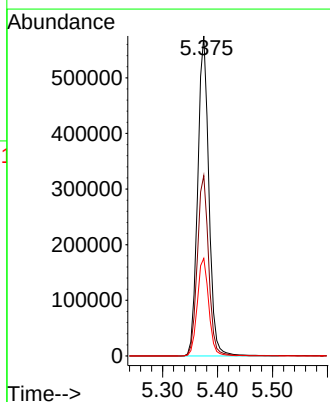
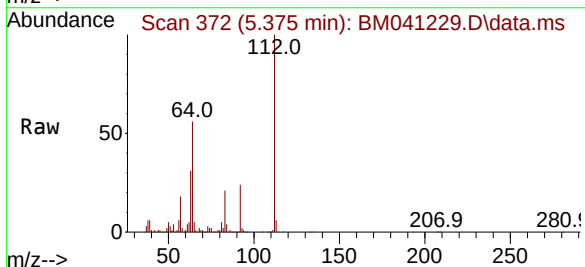
Instrument :
BNA_M
ClientSampleId :
T842-FH-04-CT

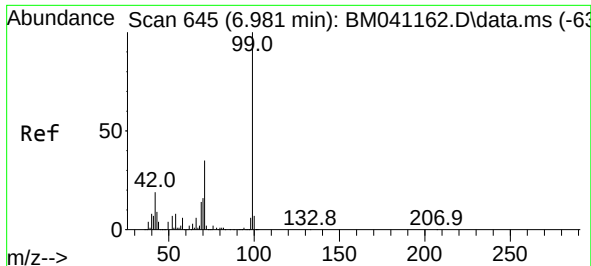
Tgt Ion:152 Resp: 150020
Ion Ratio Lower Upper
152 100
150 154.3 125.5 188.3
115 60.1 48.0 72.0



#5
2-Fluorophenol
Concen: 80.988 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.012 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Tgt Ion:112 Resp: 812918
Ion Ratio Lower Upper
112 100
64 56.4 48.5 72.7
63 30.5 26.5 39.7



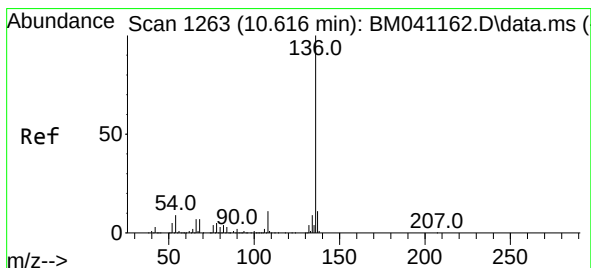
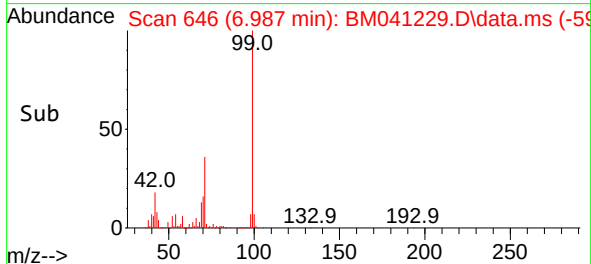
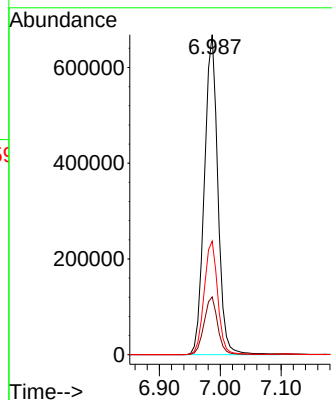
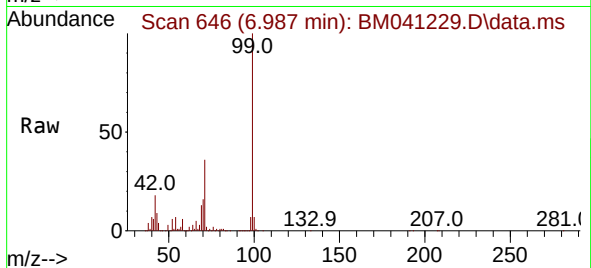


#7
Phenol-d6
Concen: 79.030 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.012 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Instrument :
BNA_M
ClientSampleId :
T842-FH-04-CT

Tgt Ion: 99 Resp: 1028272

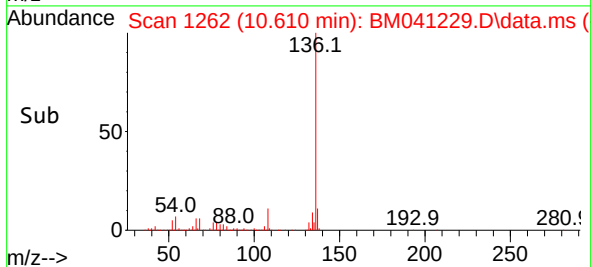
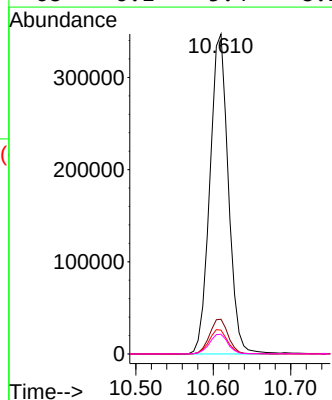
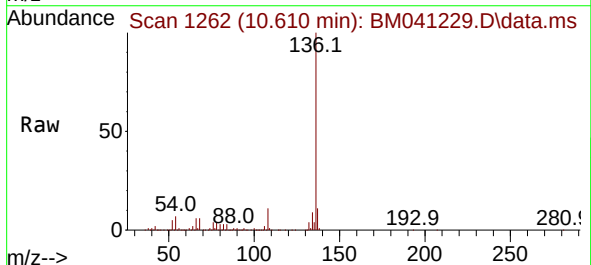
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	35.5	28.2	42.4

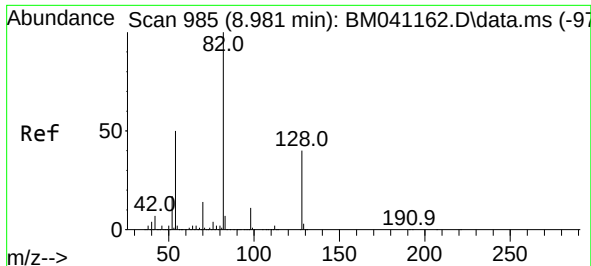


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Tgt Ion: 136 Resp: 575861

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.9	10.3
68	6.1	5.4	8.2

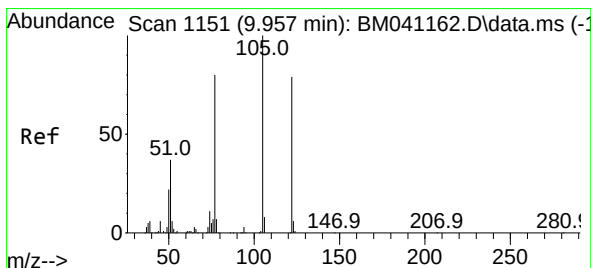
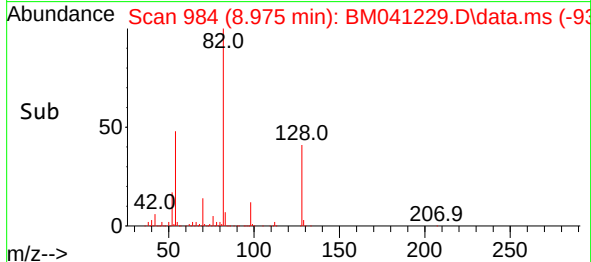
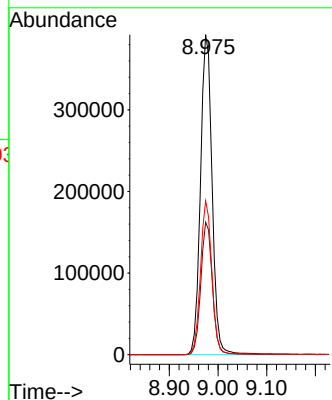
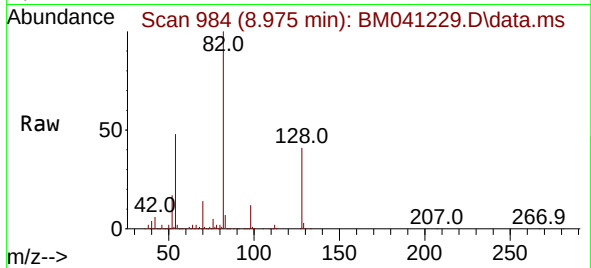




#23
Nitrobenzene-d5
Concen: 52.779 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

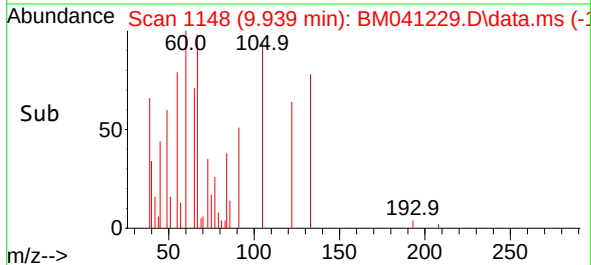
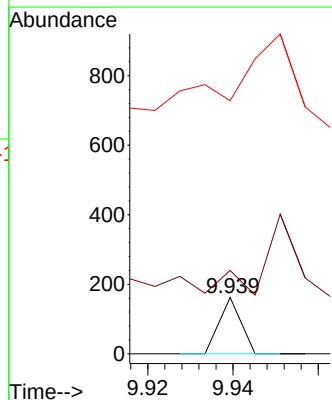
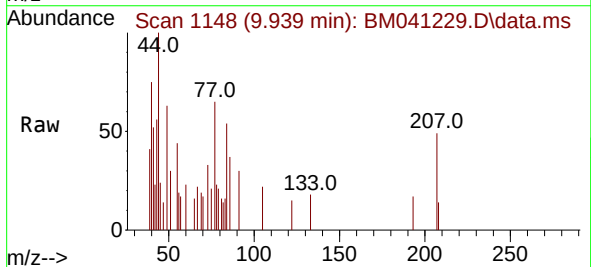
Instrument :
BNA_M
ClientSampleId :
T842-FH-04-CT

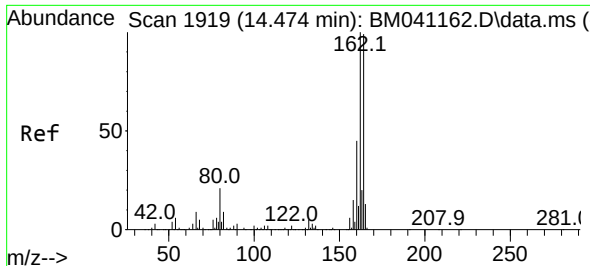
Tgt Ion: 82 Resp: 653557
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 48.1 40.1 60.1



#32
Benzoic acid
Concen: 7.163 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 148.1 104.0 144.0#
77 449.4 79.9 119.9#

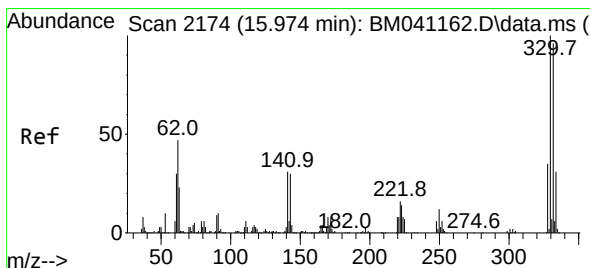
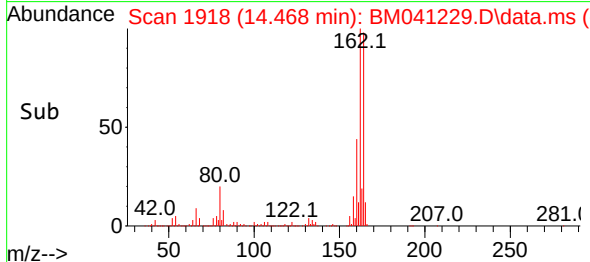
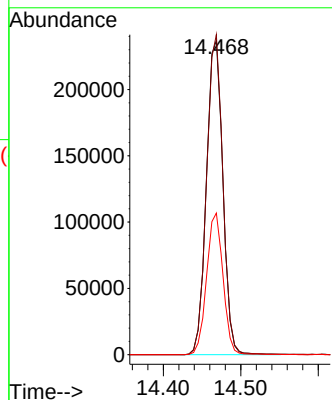
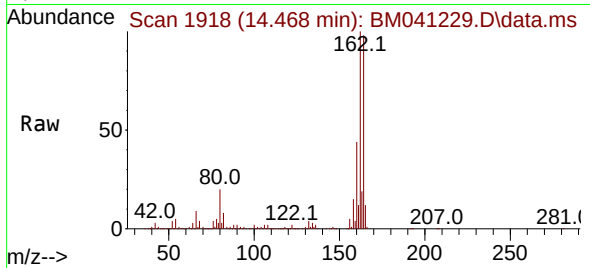




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.468 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: BM041229.D
 Acq: 01 Aug 2023 17:46

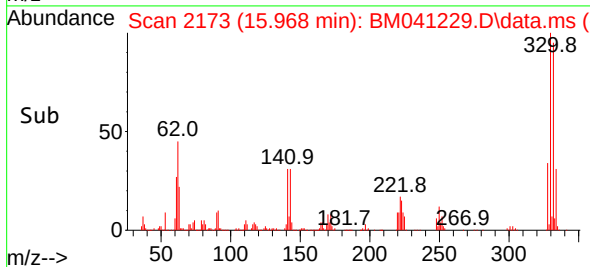
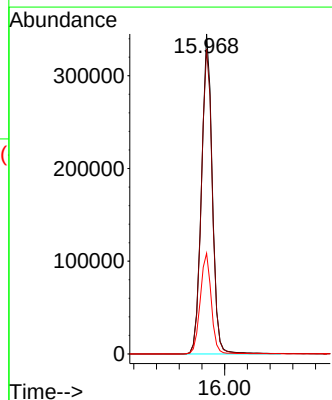
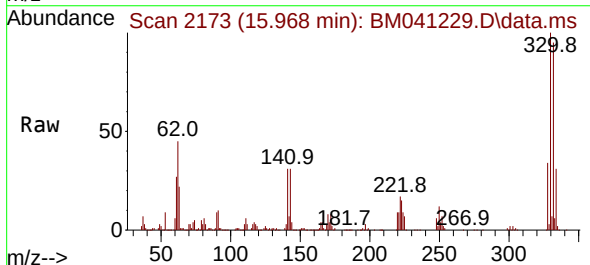
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 ClientSampleId :
 T842-FH-04-CT

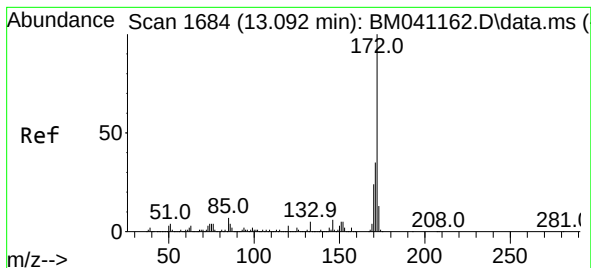
Tgt Ion:164 Resp: 349160
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.4 120.6
 160 45.1 36.2 54.2



#42
 2,4,6-Tribromophenol
 Concen: 92.060 ng
 RT: 15.968 min Scan# 2173
 Delta R.T. 0.006 min
 Lab File: BM041229.D
 Acq: 01 Aug 2023 17:46

Tgt Ion:330 Resp: 454657
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.7 116.5
 141 32.3 28.3 42.5

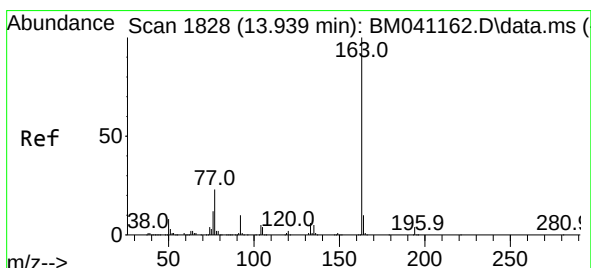
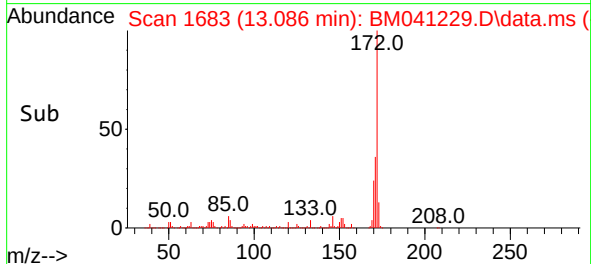
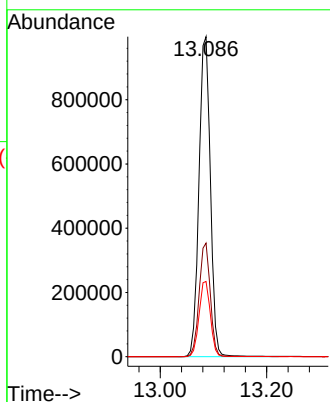
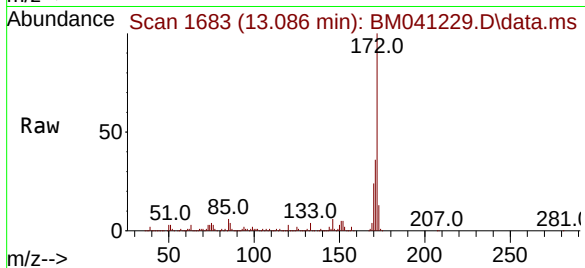




#45
2-Fluorobiphenyl
Concen: 53.388 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

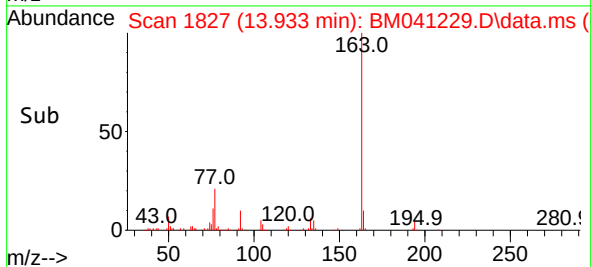
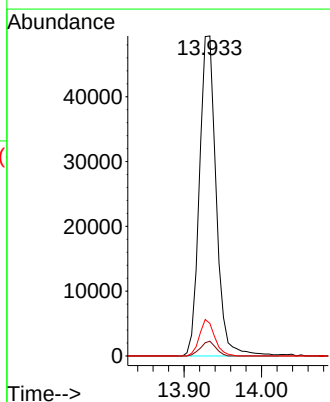
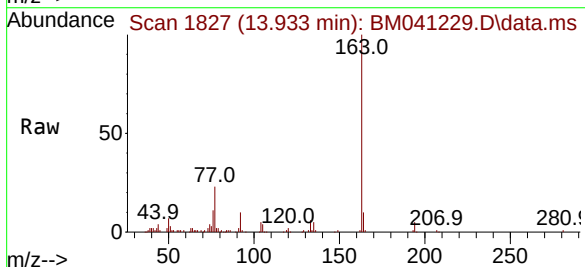
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ClientSampleId :
T842-FH-04-CT

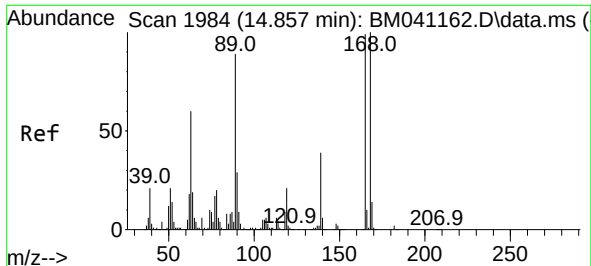
Tgt Ion:172 Resp: 1475631
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 2.823 ng
RT: 13.933 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Tgt Ion:163 Resp: 74157
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.1 8.3 12.5

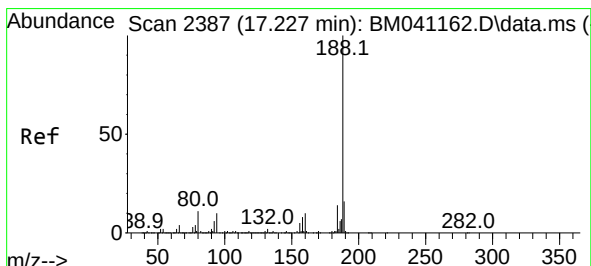
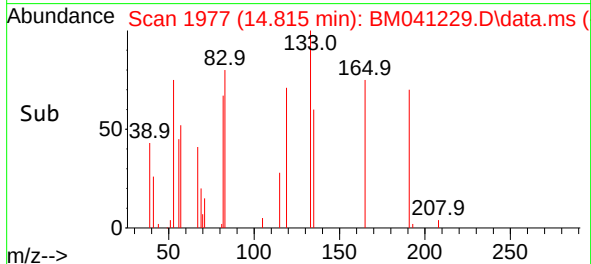
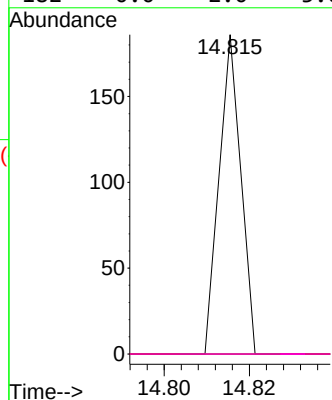
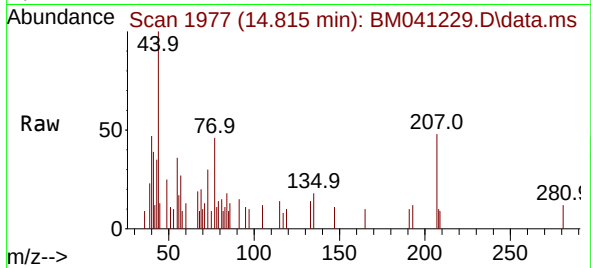




#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.815 min Scan# 1984
Delta R.T. -0.035 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

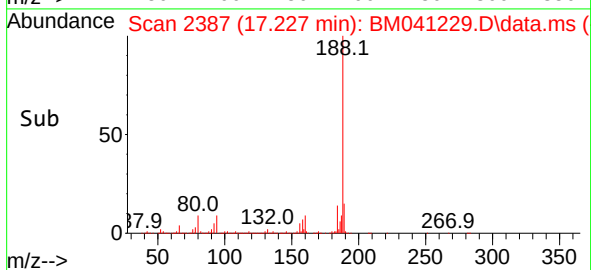
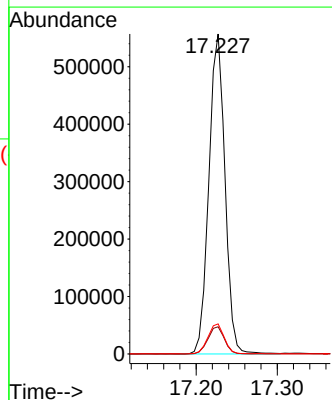
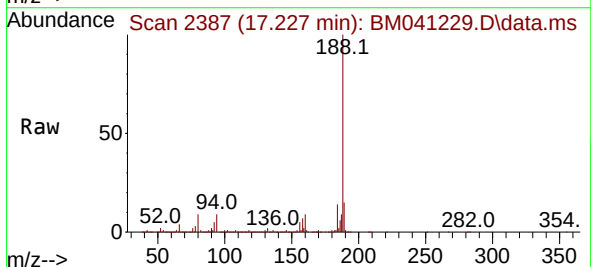
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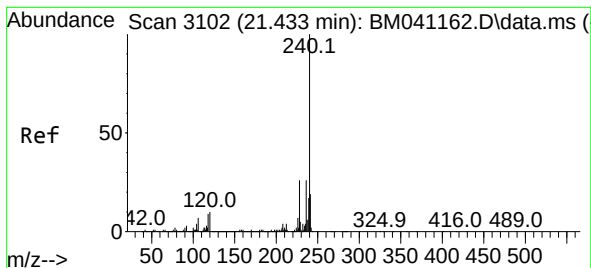
Tgt Ion:165 Resp: 66
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Tgt Ion:188 Resp: 766411
Ion Ratio Lower Upper
188 100
94 8.5 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: BM041229.D

Acq: 01 Aug 2023 17:46

Instrument :

BNA_M

ClientSampleId :

T842-FH-04-CT

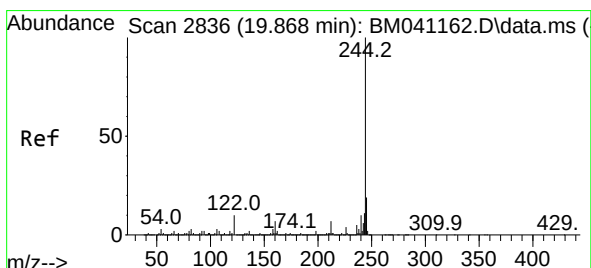
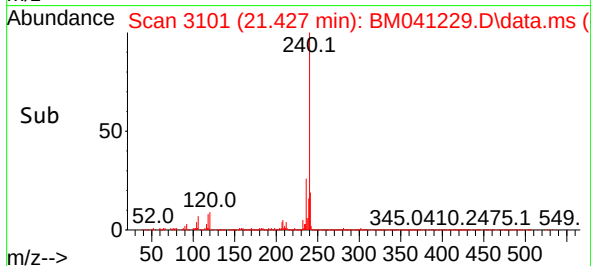
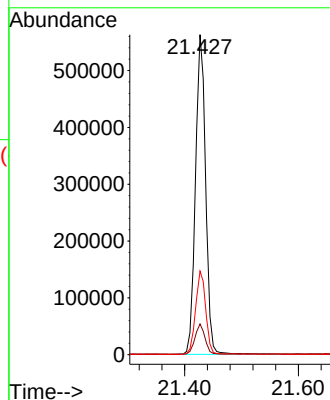
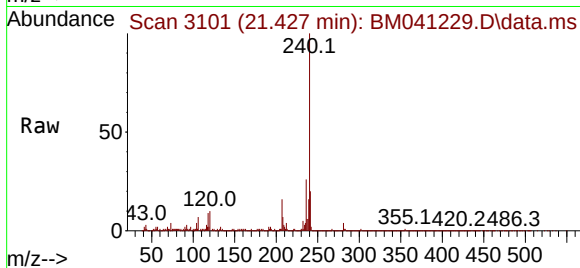
Tgt Ion:240 Resp: 704041

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 64.845 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041229.D

Acq: 01 Aug 2023 17:46

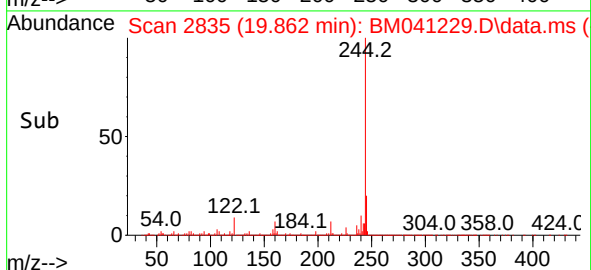
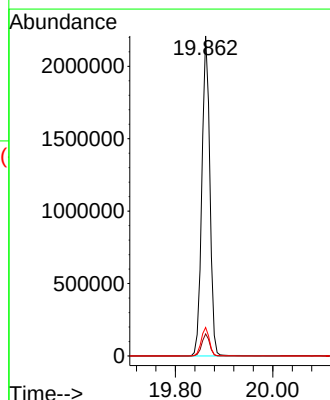
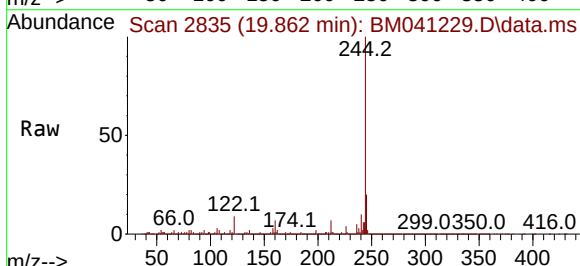
Tgt Ion:244 Resp: 2525026

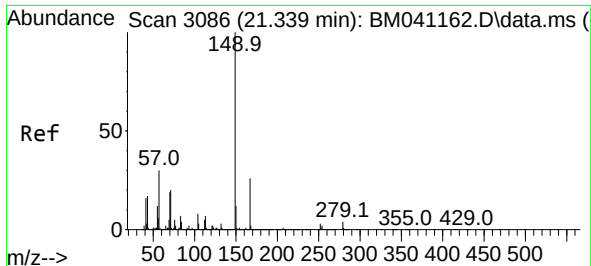
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 8.9 7.8 11.6

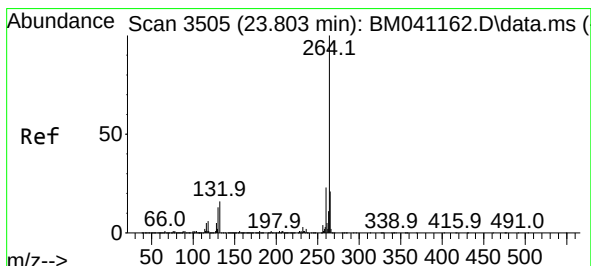
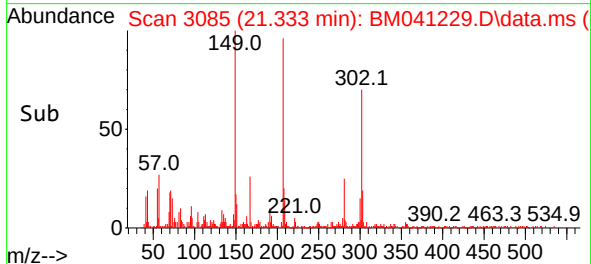
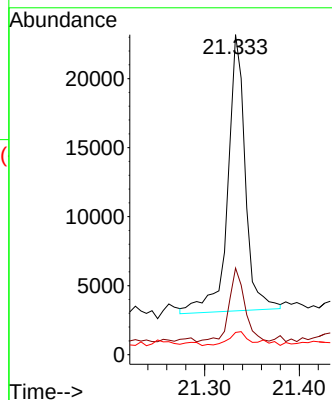
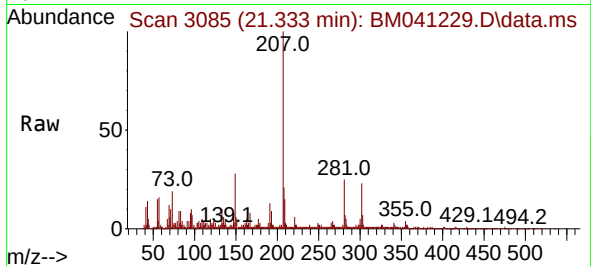




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.397 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Instrument :
BNA_M
ClientSampleId :
T842-FH-04-CT

Tgt Ion:149 Resp: 25869
Ion Ratio Lower Upper
149 100
167 27.1 21.0 31.6
279 7.0 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BM041229.D
Acq: 01 Aug 2023 17:46

Tgt Ion:264 Resp: 789808
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 22.1 17.4 26.0

