

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041922.D
 Acq On : 20 Sep 2023 02:53
 Operator : MA/JU
 Sample : 04394-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB9/8

Quant Time: Sep 20 03:40:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

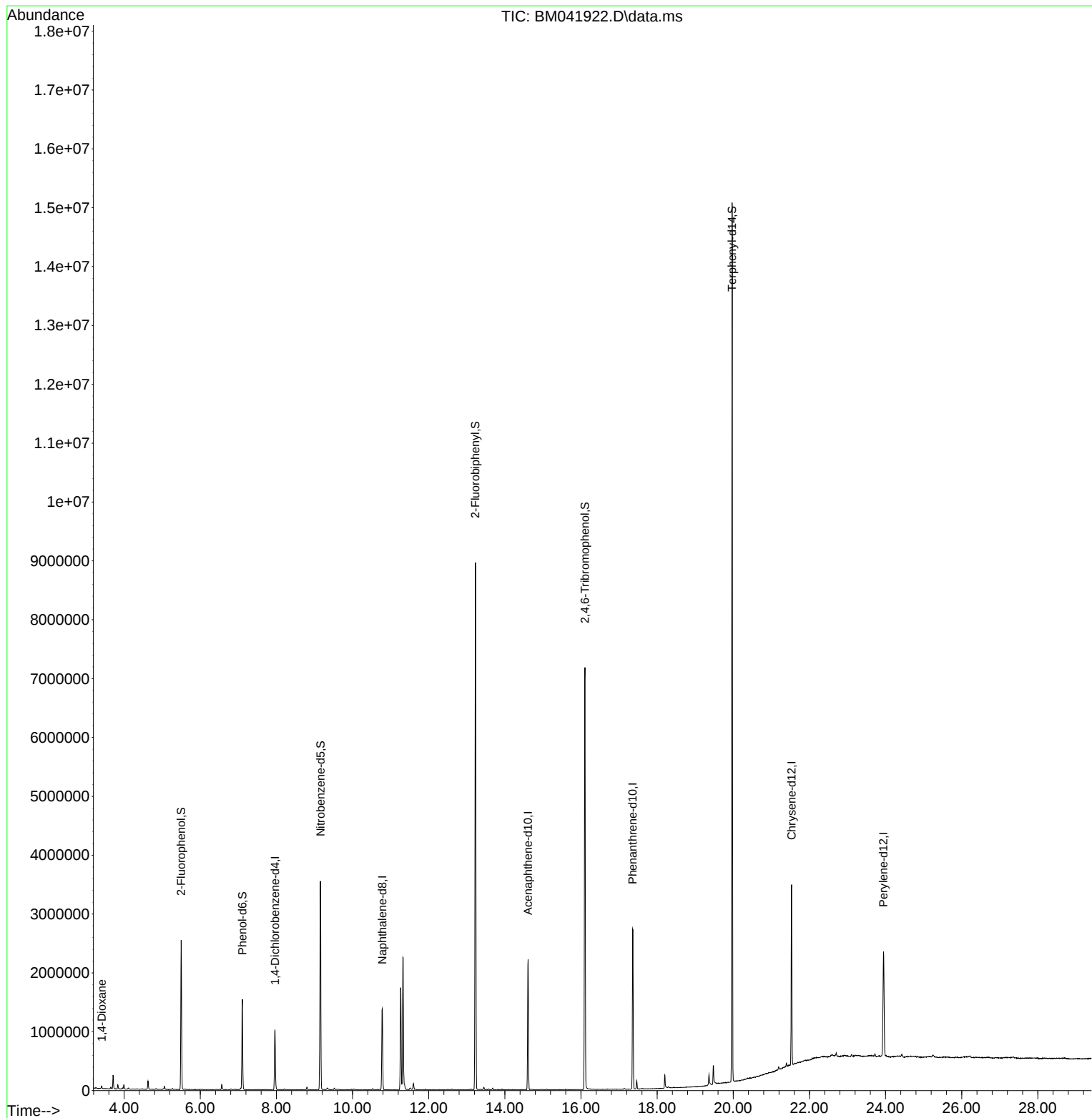
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	265744	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1115787	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	743555	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1629888	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1433838	20.000	ng	-0.01
86) Perylene-d12	23.944	264	1375928	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1004237	62.943	ng	0.00
7) Phenol-d6	7.104	99	809474	36.541	ng	0.00
23) Nitrobenzene-d5	9.157	82	2012781	91.847	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1363612	146.983	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4546813	89.753	ng	0.00
79) Terphenyl-d14	19.968	244	7590996	96.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	14032	2.156	ng	Qvalue # 87

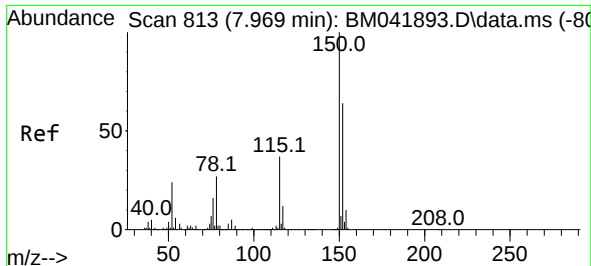
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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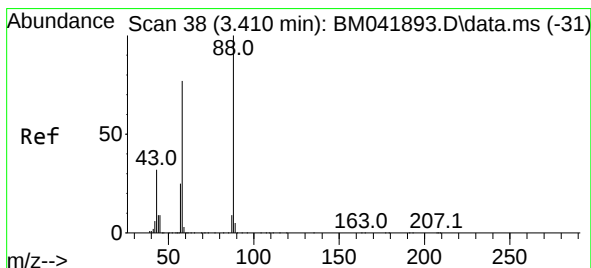
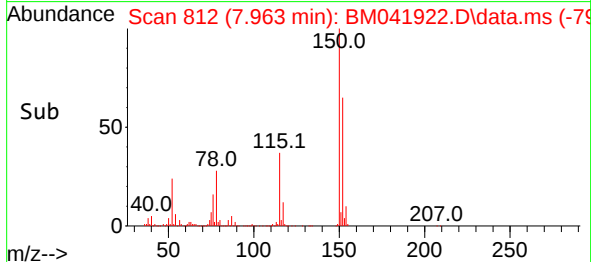
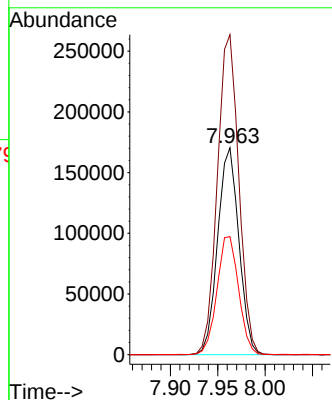
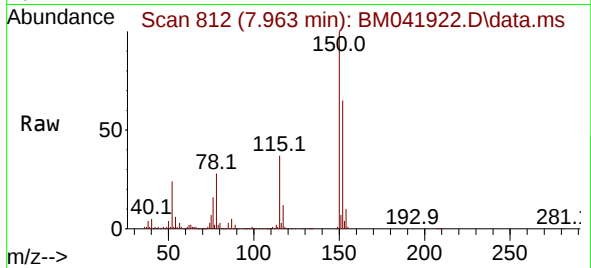




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM041922.D
 Acq: 20 Sep 2023 02:53

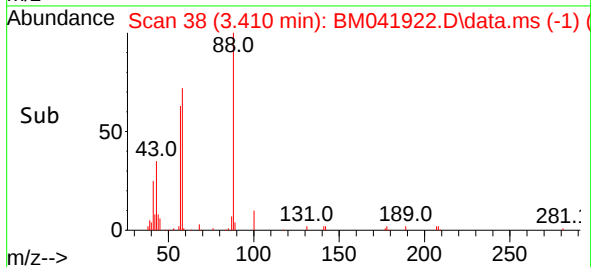
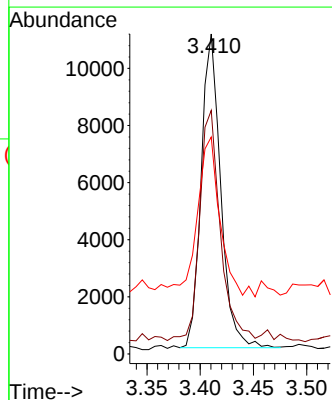
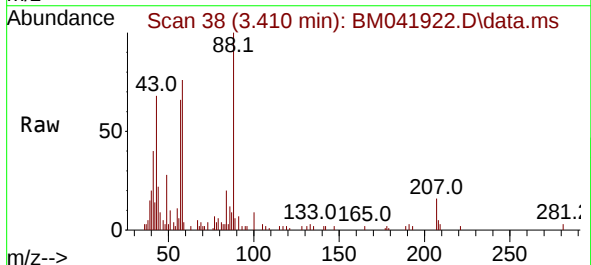
Instrument :
 BNA_M
 ClientSampleId :
 FB9/8

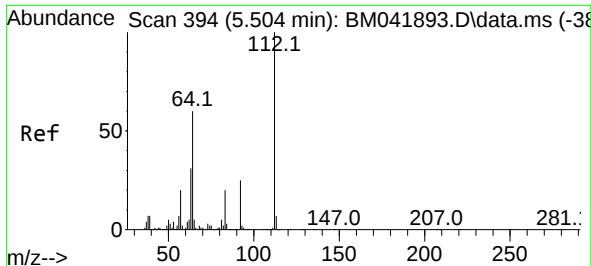
Tgt Ion:152 Resp: 265744
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.9 188.9
 115 57.1 46.8 70.2



#2
 1,4-Dioxane
 Concen: 2.156 ng
 RT: 3.410 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BM041922.D
 Acq: 20 Sep 2023 02:53

Tgt Ion: 88 Resp: 14032
 Ion Ratio Lower Upper
 88 100
 58 77.5 62.4 93.6
 43 55.4 25.8 38.6#

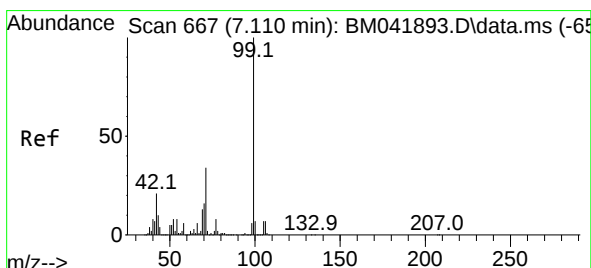
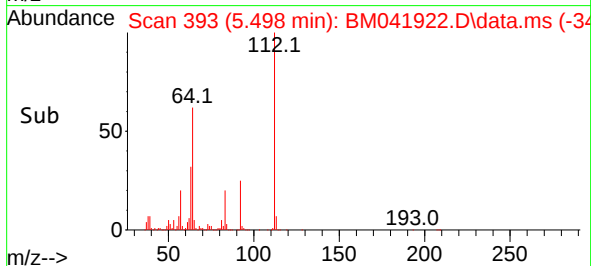
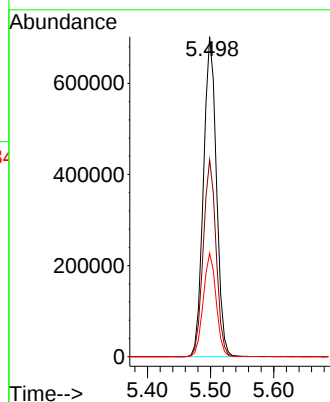
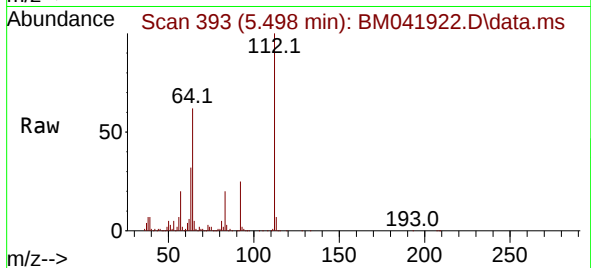




#5
2-Fluorophenol
Concen: 62.943 ng
RT: 5.498 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

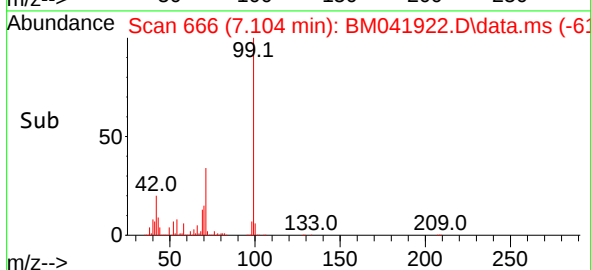
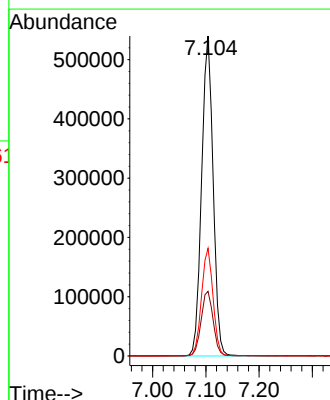
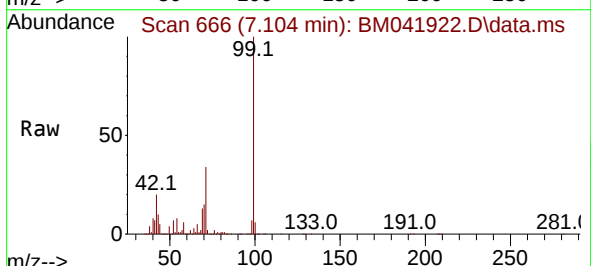
Instrument :
BNA_M
ClientSampleId :
FB9/8

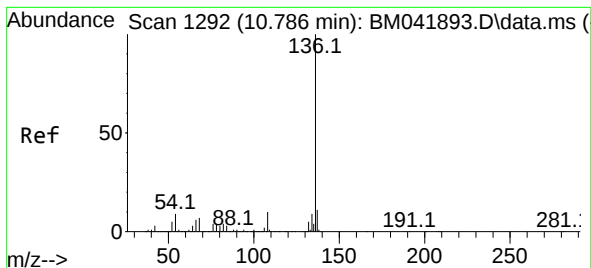
Tgt Ion:112 Resp: 1004237
Ion Ratio Lower Upper
112 100
64 61.5 48.1 72.1
63 32.4 25.0 37.6



#7
Phenol-d6
Concen: 36.541 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

Tgt Ion: 99 Resp: 809474
Ion Ratio Lower Upper
99 100
42 20.2 16.6 25.0
71 33.7 26.8 40.2



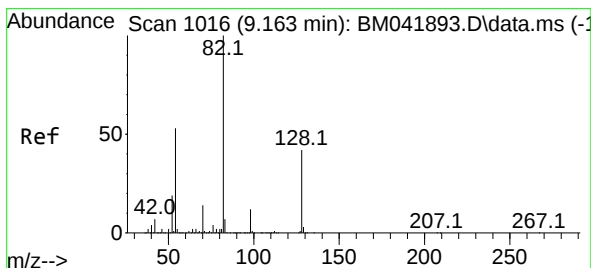
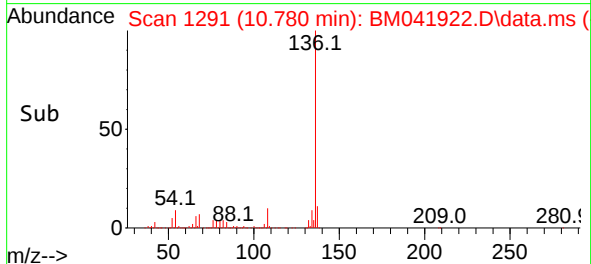
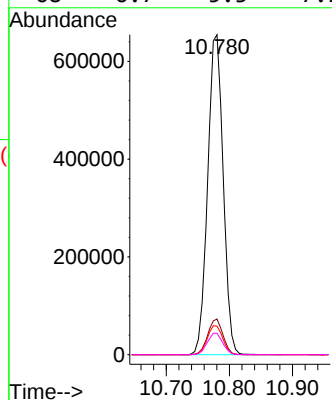
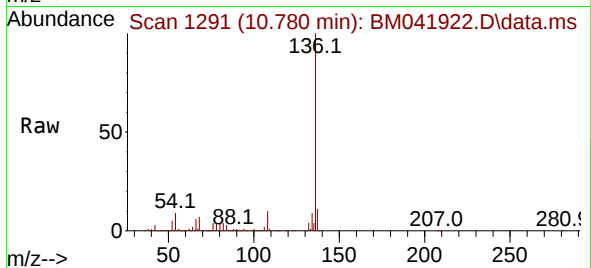


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1115787
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

Instrument :
BNA_M
ClientSampleId :
FB9/8

Tgt Ion:136 Resp: 1115787

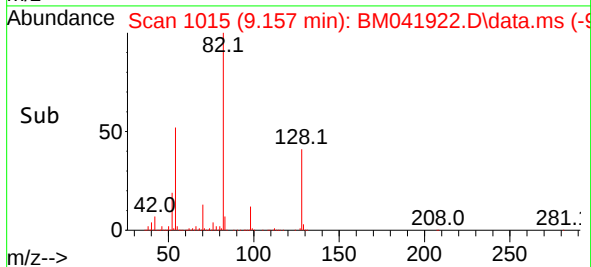
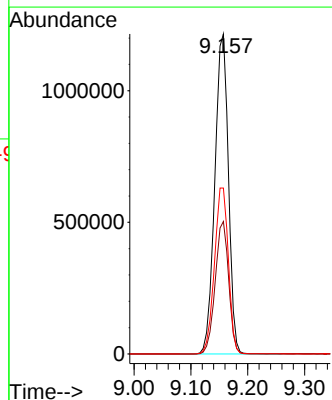
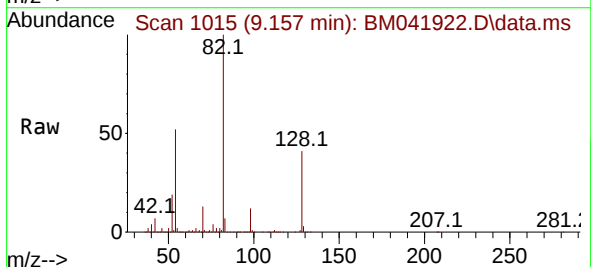
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.9	7.0	10.4
68	6.7	5.3	7.9

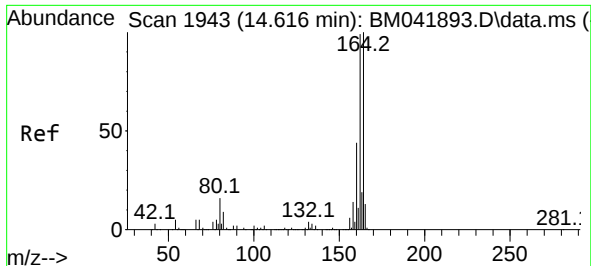


#23
Nitrobenzene-d5
Concen: 91.847 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

Tgt Ion: 82 Resp: 2012781

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.8	50.6
54	51.9	42.8	64.2

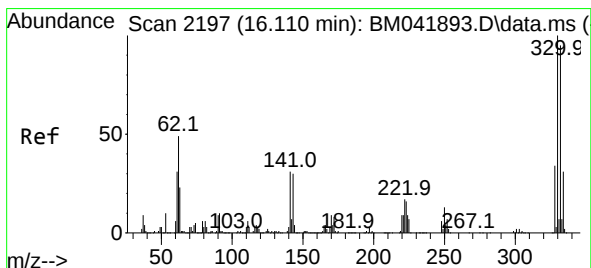
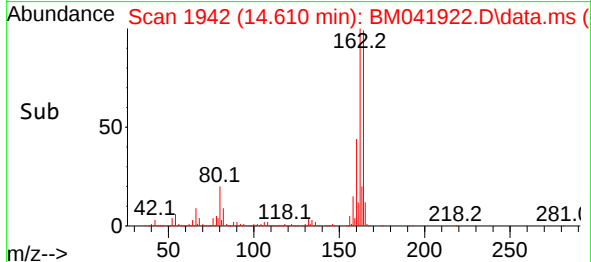
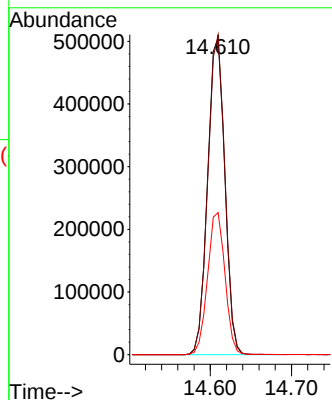
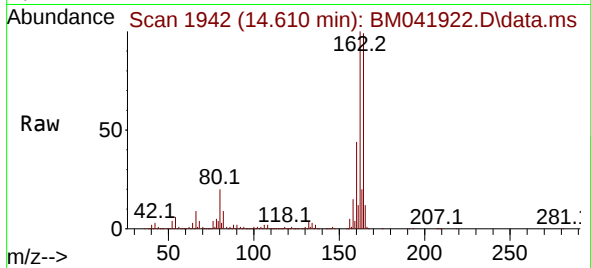




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

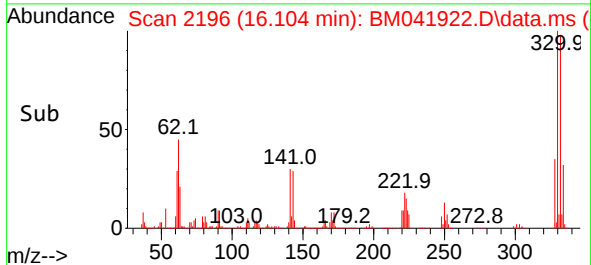
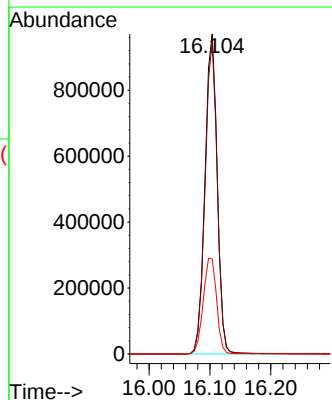
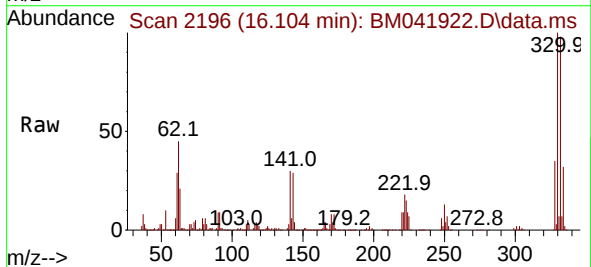
Instrument :
BNA_M
ClientSampleId :
FB9/8

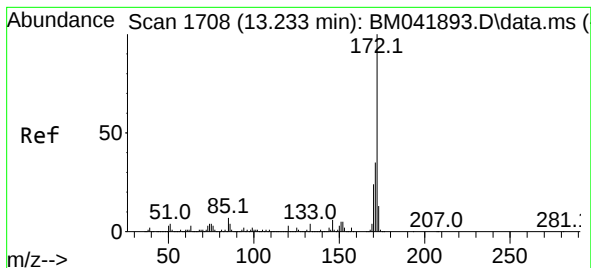
Tgt Ion:164 Resp: 743555
Ion Ratio Lower Upper
164 100
162 101.1 79.3 118.9
160 44.9 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 146.983 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

Tgt Ion:330 Resp: 1363612
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 32.5 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 89.753 ng

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041922.D

Acq: 20 Sep 2023 02:53

Instrument :

BNA_M

ClientSampleId :

FB9/8

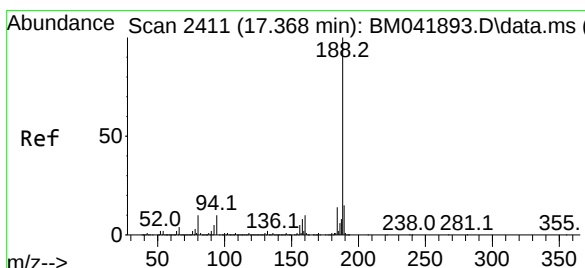
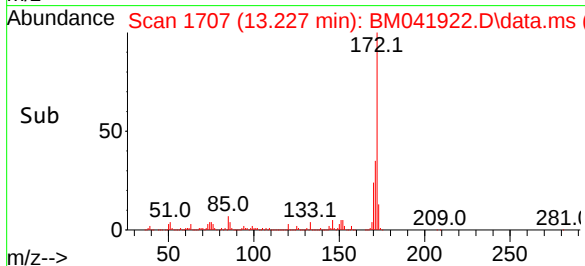
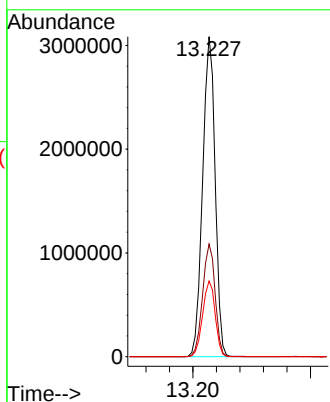
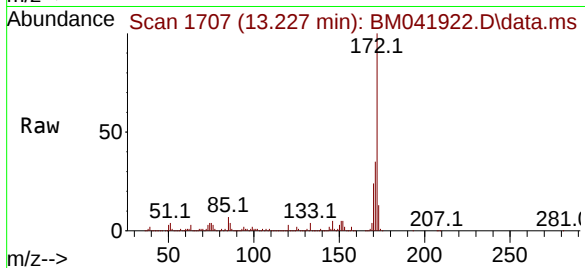
Tgt Ion:172 Resp: 4546813

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.7 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.356 min Scan# 2409

Delta R.T. -0.012 min

Lab File: BM041922.D

Acq: 20 Sep 2023 02:53

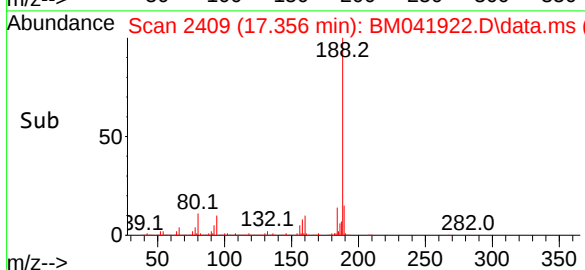
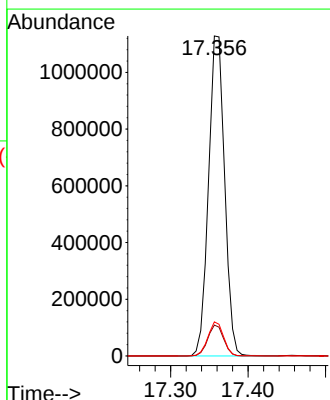
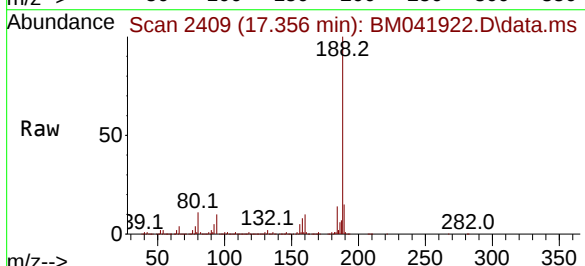
Tgt Ion:188 Resp: 1629888

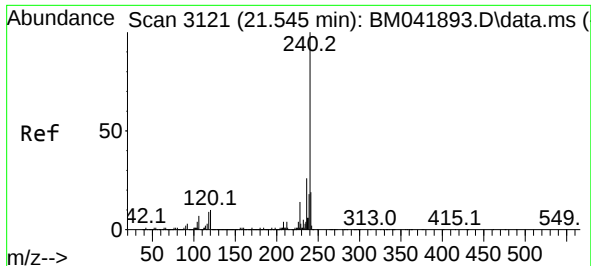
Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.7 8.3 12.5

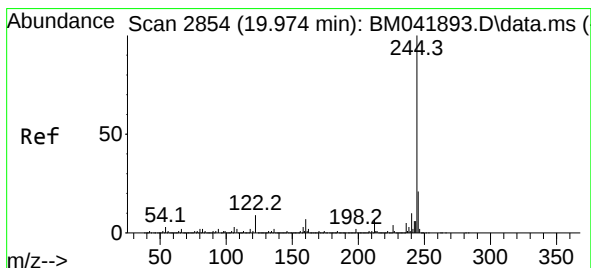
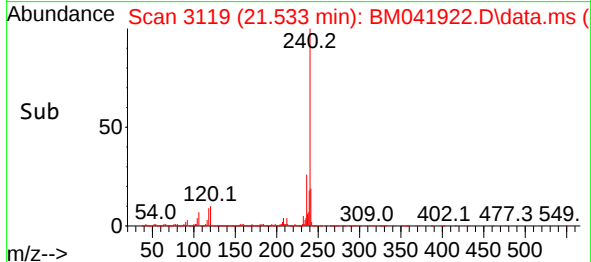
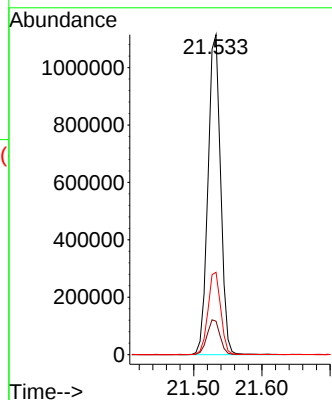
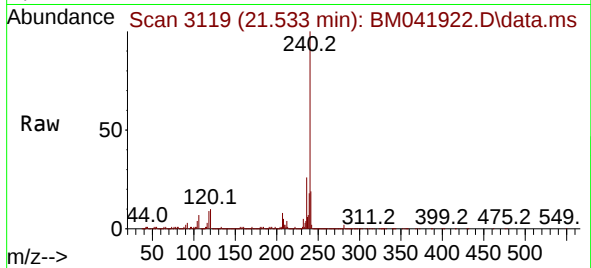




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

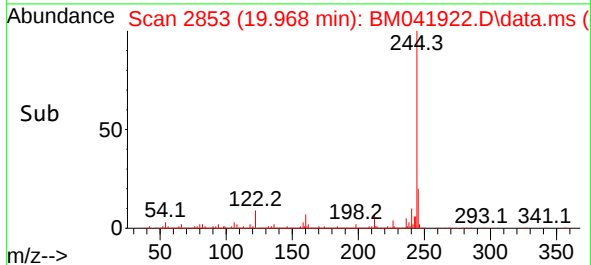
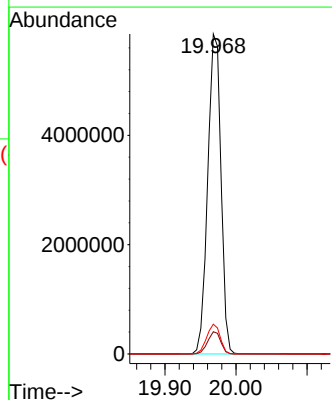
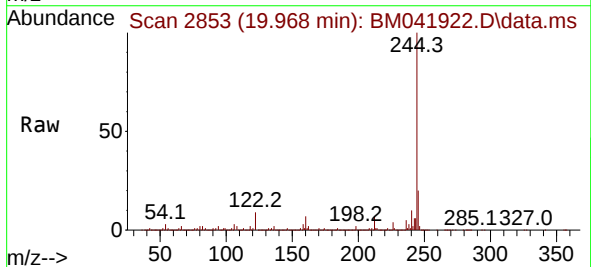
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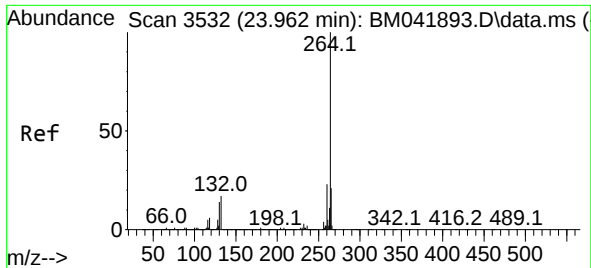
Tgt Ion:240 Resp: 1433838
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 96.423 ng
RT: 19.968 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BM041922.D
Acq: 20 Sep 2023 02:53

Tgt Ion:244 Resp: 7590996
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.3 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.944 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM041922.D
 Acq: 20 Sep 2023 02:53

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1375928
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.3 17.0 25.6

