

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041932.D
 Acq On : 20 Sep 2023 10:35
 Operator : MA/JU
 Sample : PB155666BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155666BL

Quant Time: Sep 20 12:11:56 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	7.957	152	299511	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1218665	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	774735	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1664029	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1451698	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1460078	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2644022	147.036	ng	0.00
7) Phenol-d6	7.110	99	3482064	139.463	ng	0.00
23) Nitrobenzene-d5	9.151	82	2139148	89.373	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1327999	137.384	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	4682936	88.720	ng	0.00
79) Terphenyl-d14	19.968	244	7381582	92.609	ng	0.00

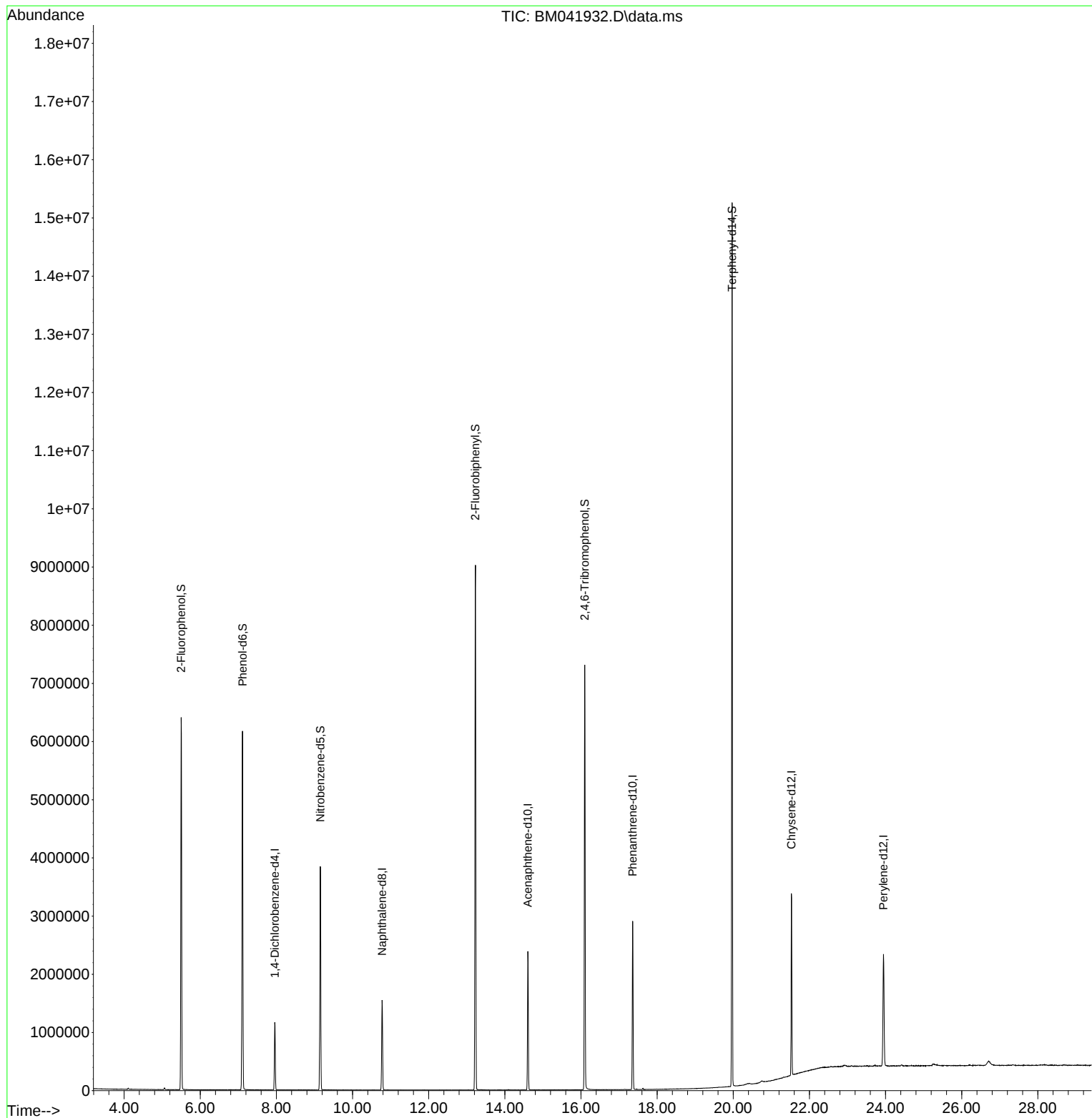
Target Compounds	Qvalue

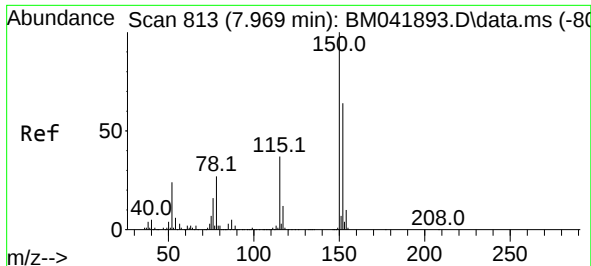
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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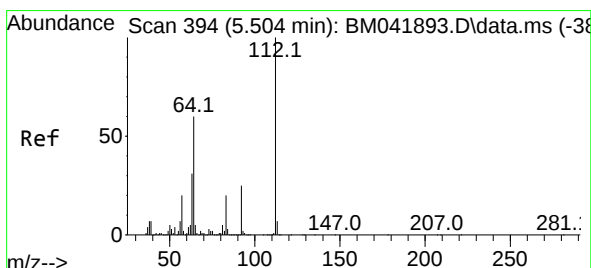
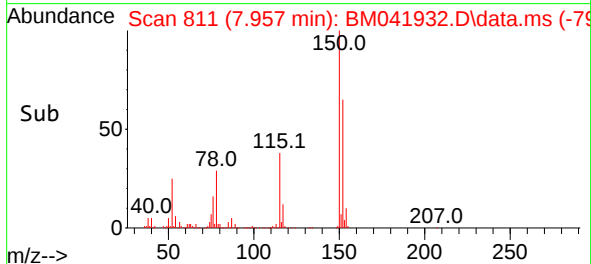
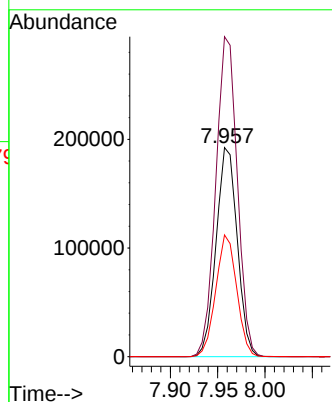
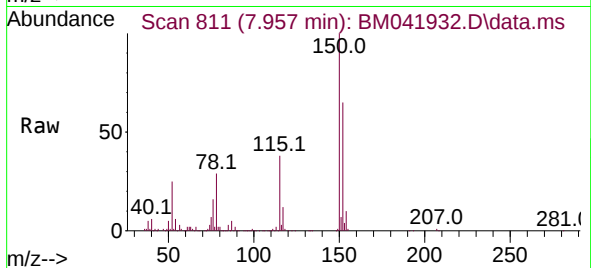




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM041932.D
Acq: 20 Sep 2023 10:35

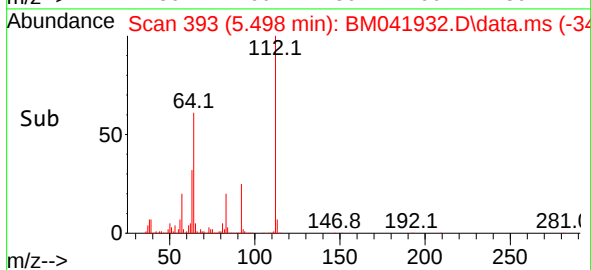
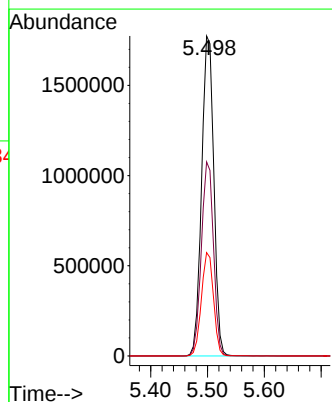
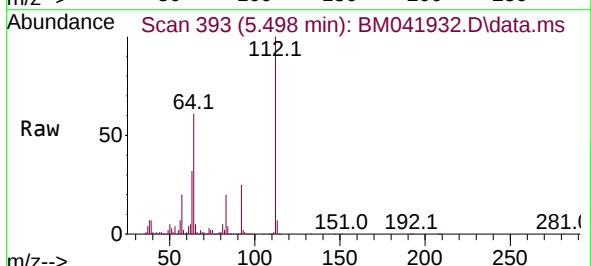
Instrument :
BNA_M
ClientSampleId :
PB155666BL

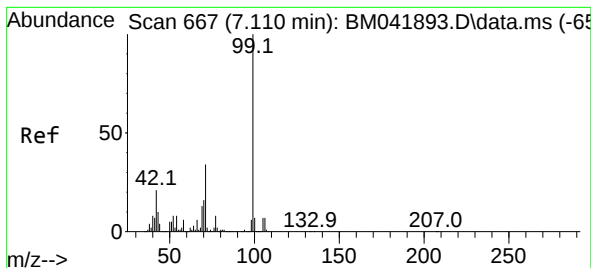
Tgt Ion:152 Resp: 299511
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 58.2 46.8 70.2



#5
2-Fluorophenol
Concen: 147.036 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041932.D
Acq: 20 Sep 2023 10:35

Tgt Ion:112 Resp: 2644022
Ion Ratio Lower Upper
112 100
64 60.6 48.1 72.1
63 32.3 25.0 37.6





#7

Phenol-d6

Concen: 139.463 ng

RT: 7.110 min Scan# 6

Delta R.T. -0.000 min

Lab File: BM041932.D

Acq: 20 Sep 2023 10:35

Instrument :

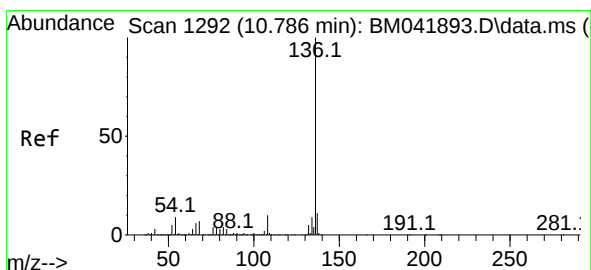
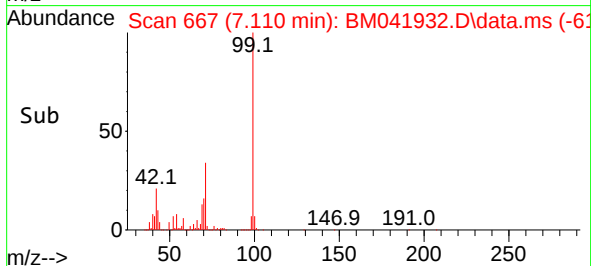
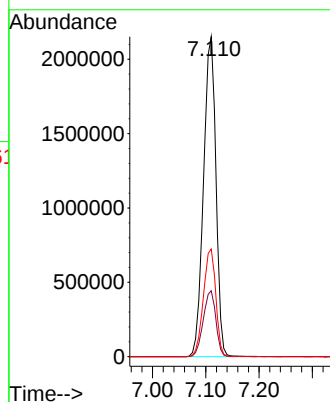
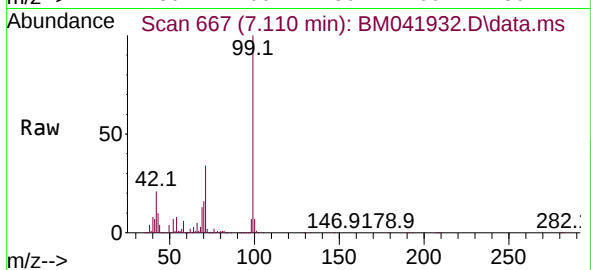
BNA_M

ClientSampleId :

PB155666BL

Tgt Ion: 99 Resp: 3482064

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	33.6	26.8	40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.775 min Scan# 1290

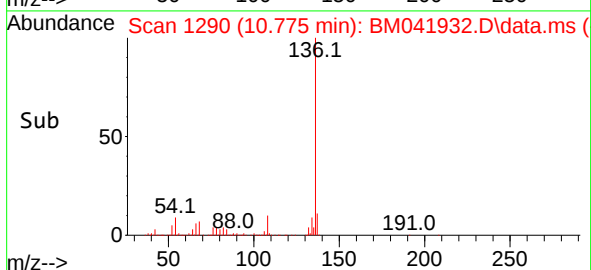
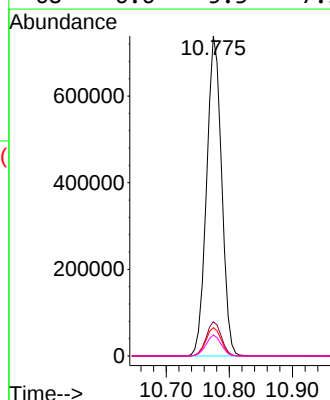
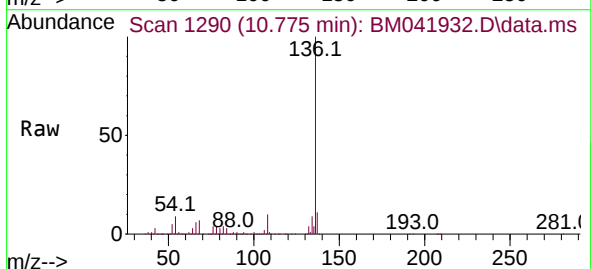
Delta R.T. -0.012 min

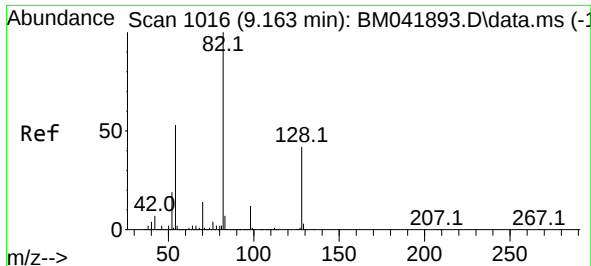
Lab File: BM041932.D

Acq: 20 Sep 2023 10:35

Tgt Ion:136 Resp: 1218665

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.8	7.0	10.4
68	6.6	5.3	7.9

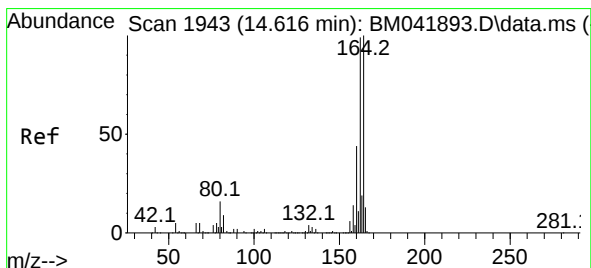
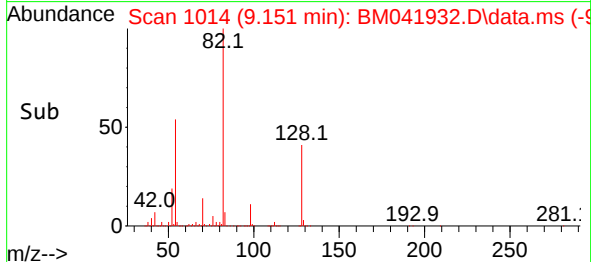
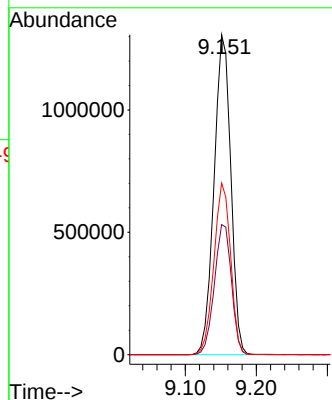
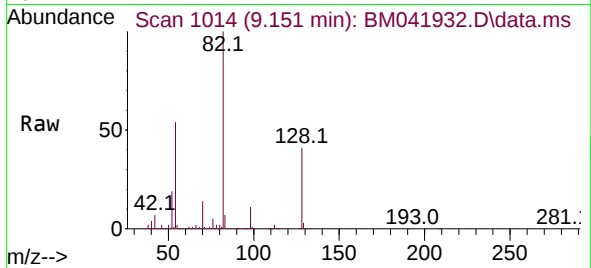




#23
Nitrobenzene-d5
Concen: 89.373 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041932.D
Acq: 20 Sep 2023 10:35

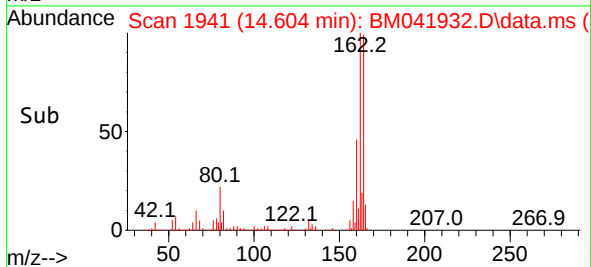
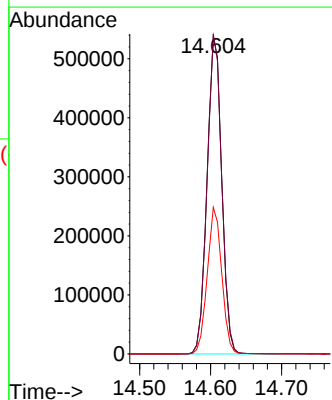
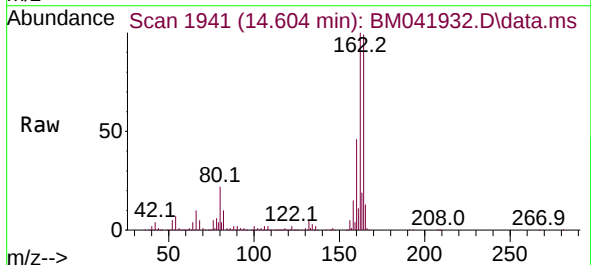
Instrument :
BNA_M
ClientSampleId :
PB155666BL

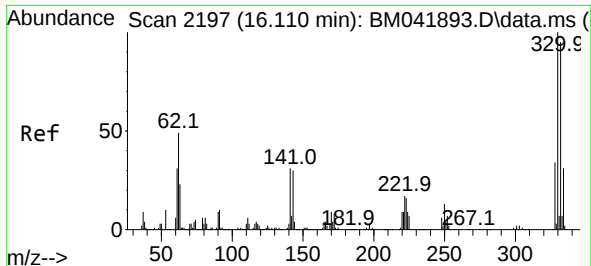
Tgt Ion: 82 Resp: 2139148
Ion Ratio Lower Upper
82 100
128 40.6 33.8 50.6
54 53.7 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041932.D
Acq: 20 Sep 2023 10:35

Tgt Ion: 164 Resp: 774735
Ion Ratio Lower Upper
164 100
162 100.7 79.3 118.9
160 46.1 35.6 53.4

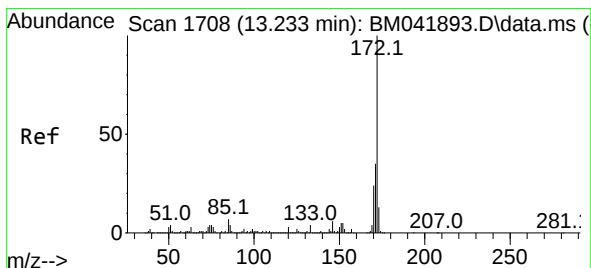
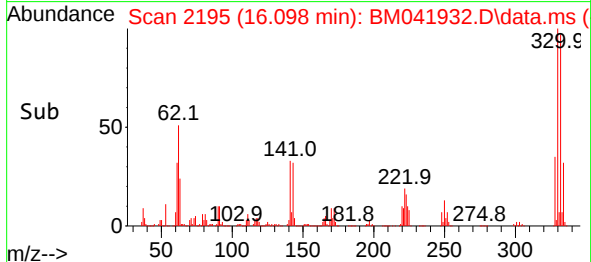
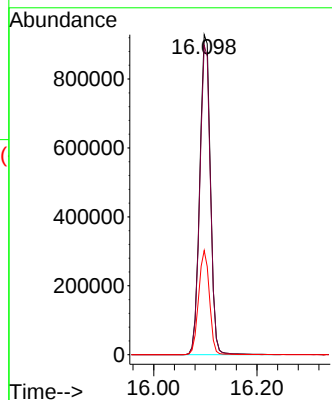
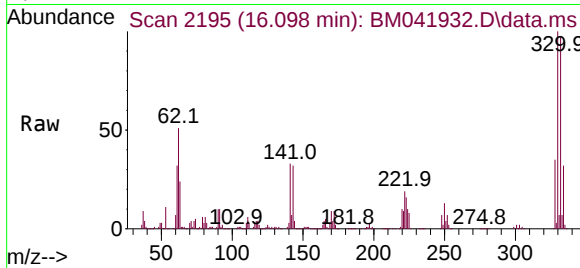




#42
2,4,6-Tribromophenol
Concen: 137.384 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041932.D
Acq: 20 Sep 2023 10:35

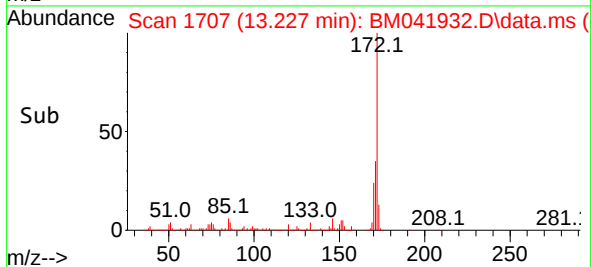
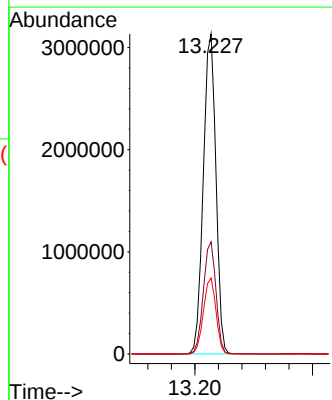
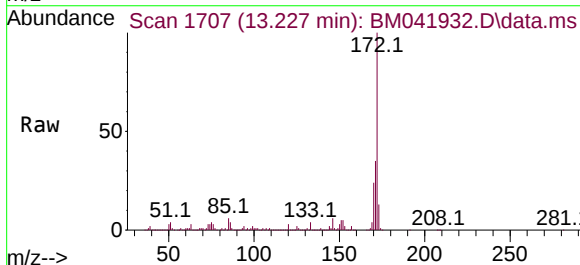
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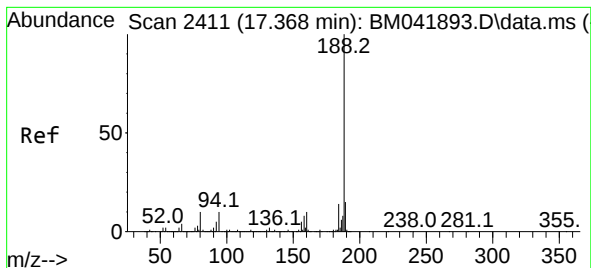
Tgt Ion:330 Resp: 1327999
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 33.0 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 88.720 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041932.D
Acq: 20 Sep 2023 10:35

Tgt Ion:172 Resp: 4682936
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041932.D

Acq: 20 Sep 2023 10:35

Instrument :

BNA_M

ClientSampleId :

PB155666BL

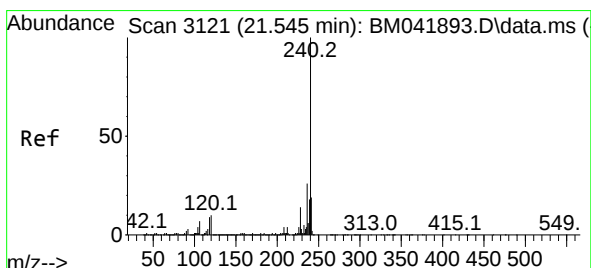
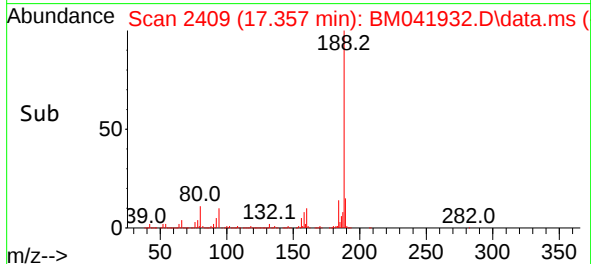
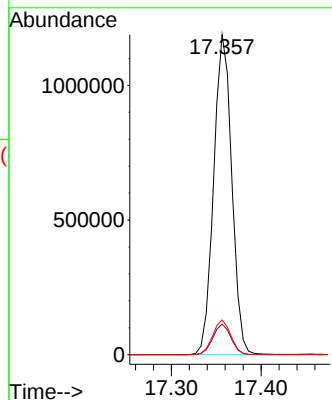
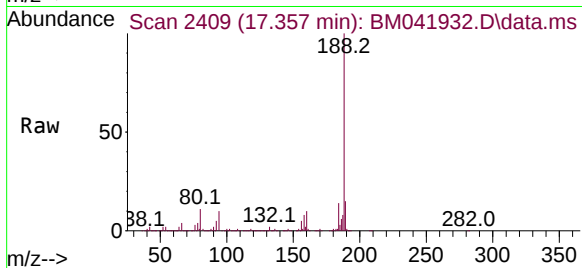
Tgt Ion:188 Resp: 1664029

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.9 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.018 min

Lab File: BM041932.D

Acq: 20 Sep 2023 10:35

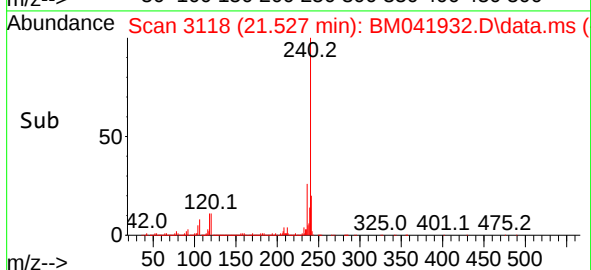
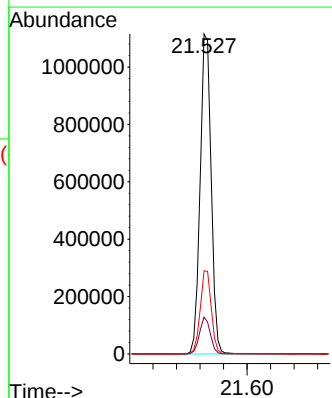
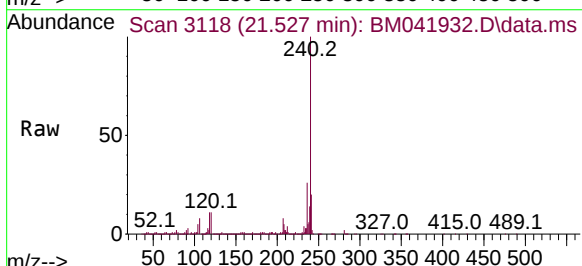
Tgt Ion:240 Resp: 1451698

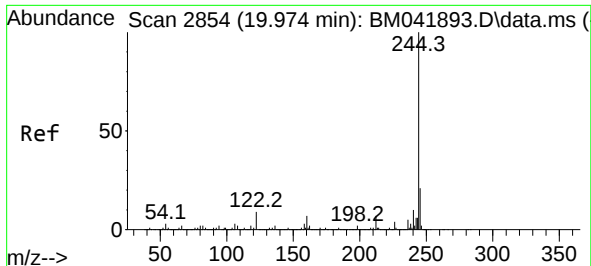
Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

236 25.9 20.7 31.1

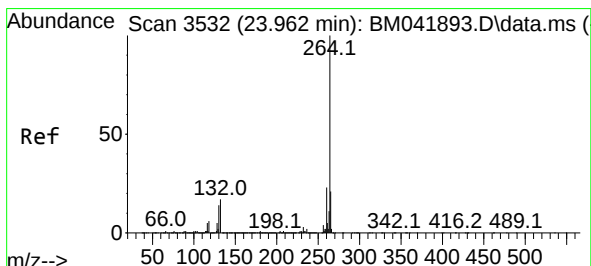
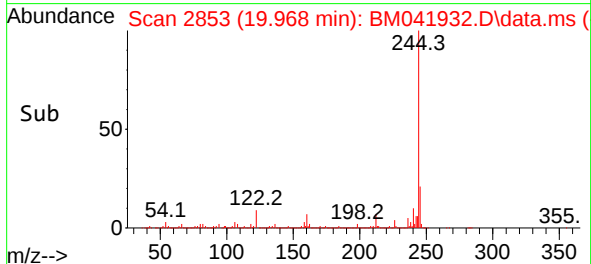
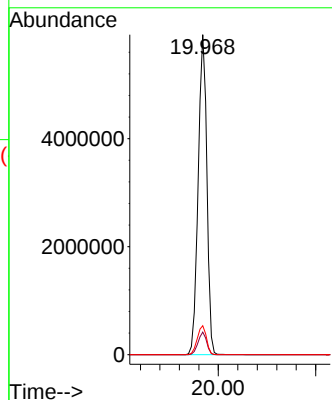
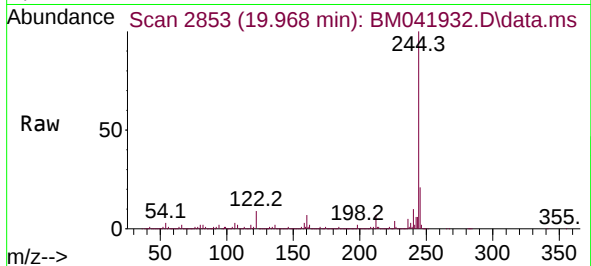




#79
 Terphenyl-d14
 Concen: 92.609 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041932.D
 Acq: 20 Sep 2023 10:35

Instrument :
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Tgt Ion:244 Resp: 7381582
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.944 min Scan# 3529
 Delta R.T. -0.018 min
 Lab File: BM041932.D
 Acq: 20 Sep 2023 10:35

Tgt Ion:264 Resp: 1460078
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 22.1 17.0 25.6

