

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047293.D
 Acq On : 21 Aug 2024 11:43
 Operator : RC/JU
 Sample : PB162782BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162782BL

Quant Time: Aug 21 12:24:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	237992	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	852931	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	528426	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	990838	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	684131	20.000	ng	-0.01
86) Perylene-d12	23.721	264	820446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	2045548	153.579	ng	0.00
7) Phenol-d6	6.575	99	2548086	138.840	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1692953	99.944	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	944682	154.179	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	3780573	110.359	ng	-0.02
79) Terphenyl-d14	19.445	244	4220685	132.196	ng	-0.02

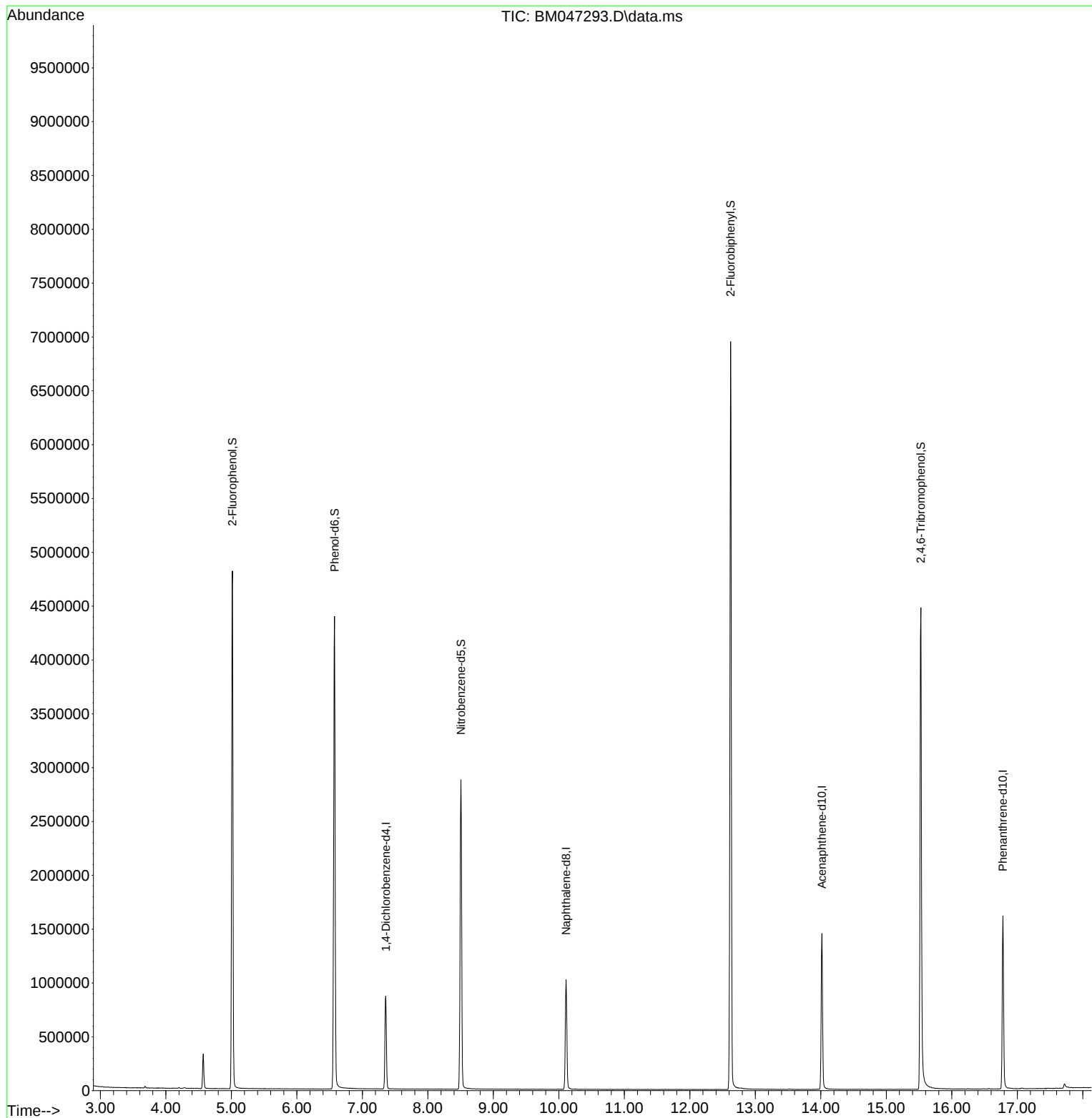
Target Compounds	Qvalue

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

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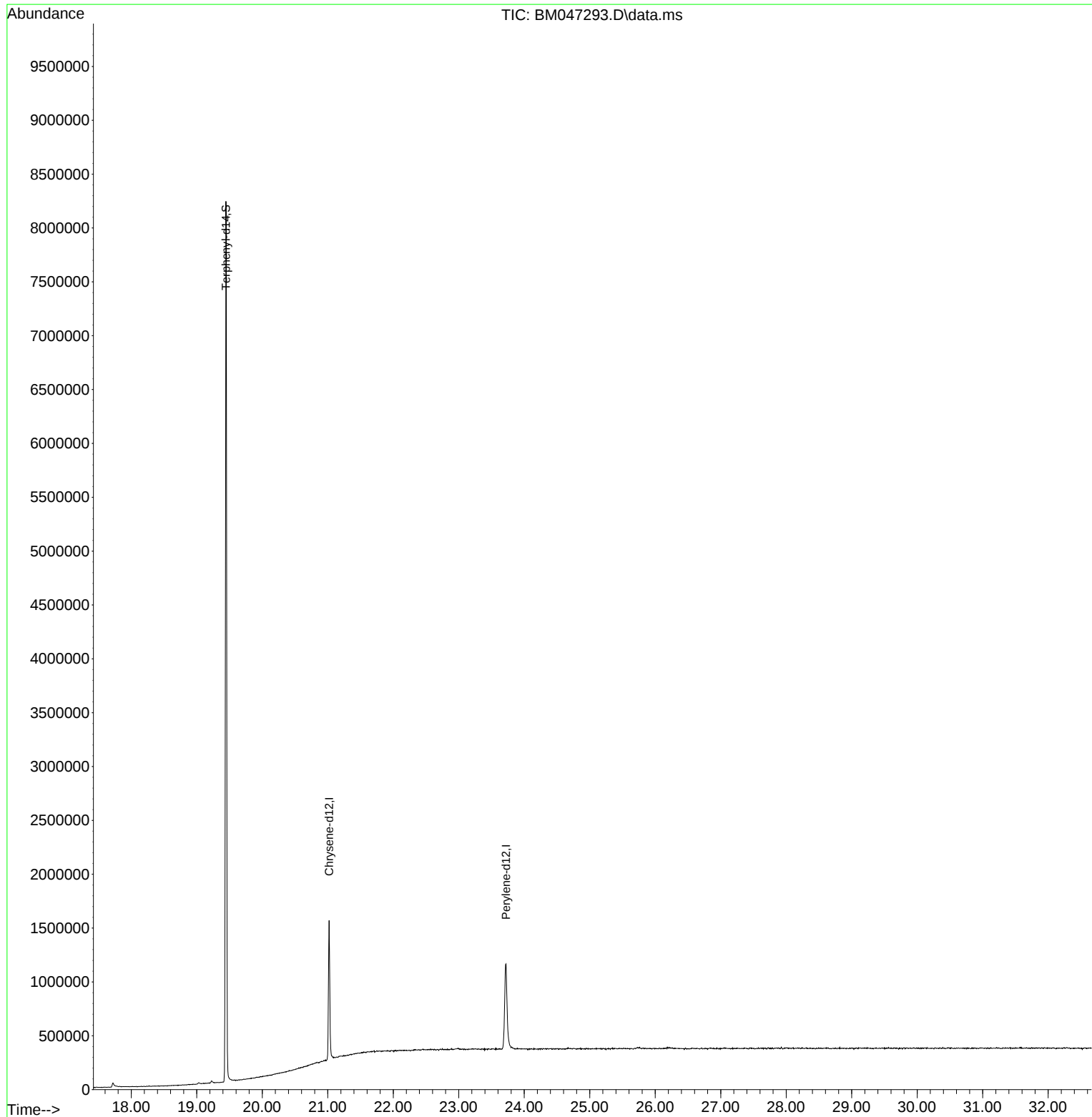
Quant Time: Aug 21 12:24:19 2024
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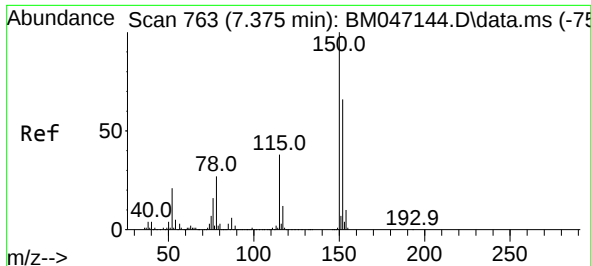


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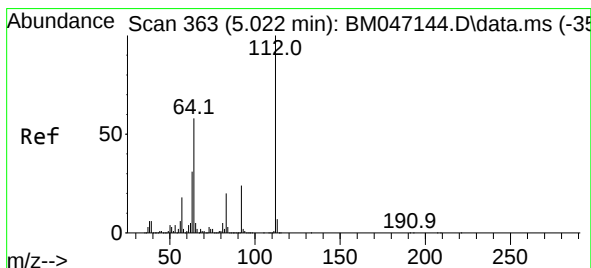
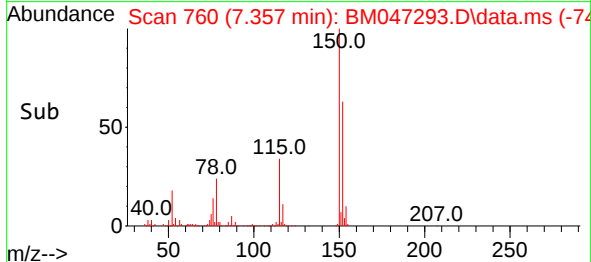
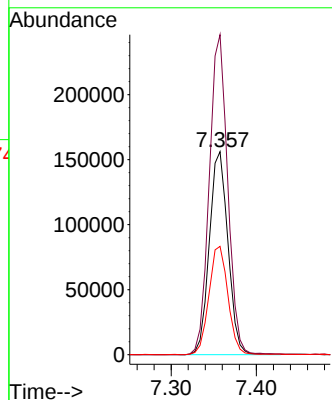
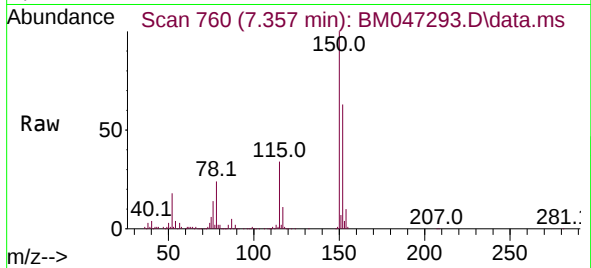




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.357 min Scan# 763
 Delta R.T. -0.018 min
 Lab File: BM047293.D
 Acq: 21 Aug 2024 11:43

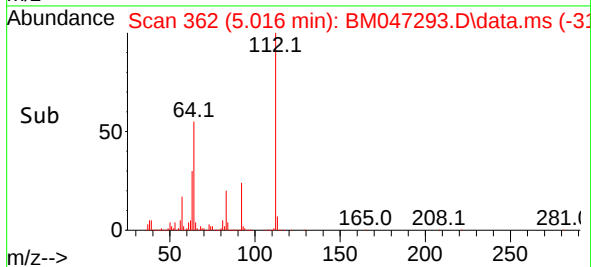
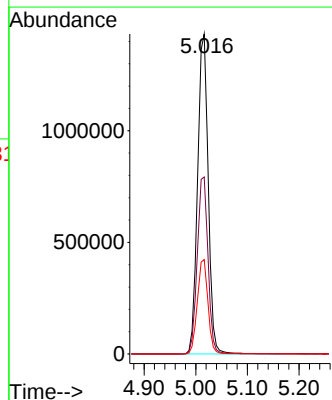
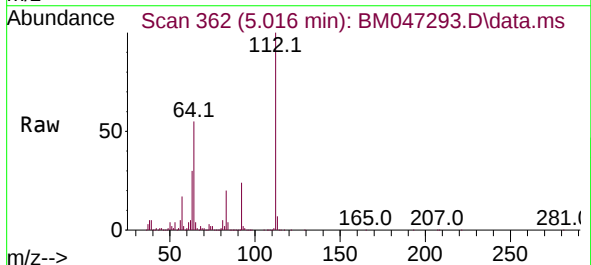
Instrument :
 BNA_M
 ClientSampleId :
 PB162782BL

Tgt Ion:152 Resp: 237992
 Ion Ratio Lower Upper
 152 100
 150 157.6 120.5 180.7
 115 53.4 45.5 68.3



#5
 2-Fluorophenol
 Concen: 153.579 ng
 RT: 5.016 min Scan# 362
 Delta R.T. -0.006 min
 Lab File: BM047293.D
 Acq: 21 Aug 2024 11:43

Tgt Ion:112 Resp: 2045548
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.7 70.1
 63 29.5 24.8 37.2

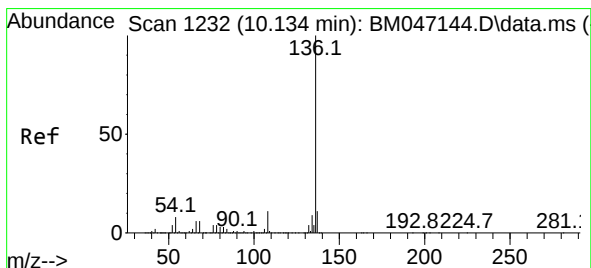
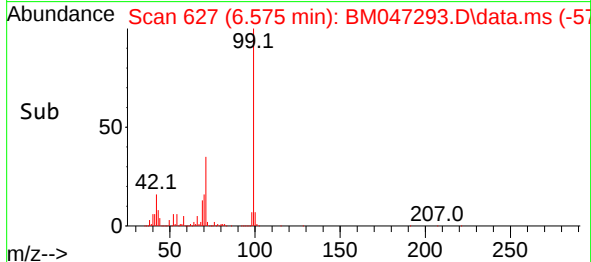
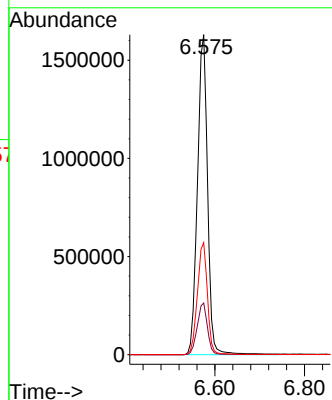
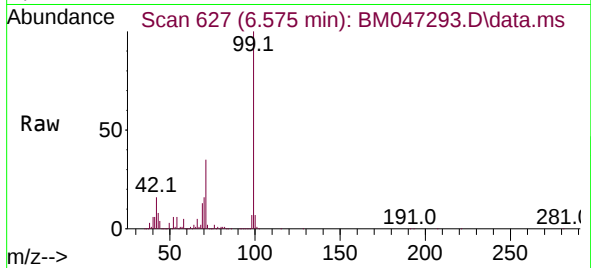




#7
Phenol-d6
Concen: 138.840 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047293.D
Acq: 21 Aug 2024 11:43

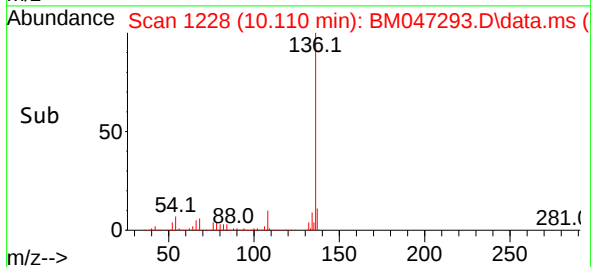
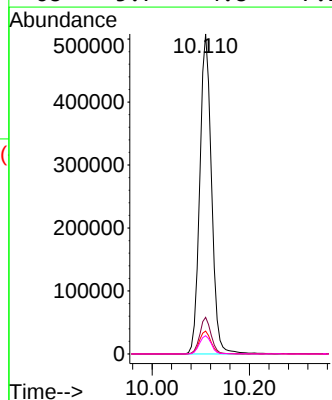
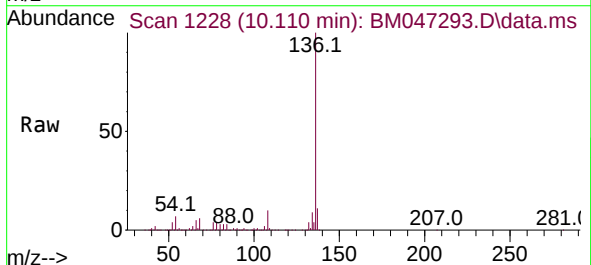
Instrument :
BNA_M
ClientSampleId :
PB162782BL

Tgt Ion: 99 Resp: 2548086
Ion Ratio Lower Upper
99 100
42 16.2 14.1 21.1
71 35.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047293.D
Acq: 21 Aug 2024 11:43

Tgt Ion: 136 Resp: 852931
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.2 6.0 9.0
68 5.7 4.8 7.2

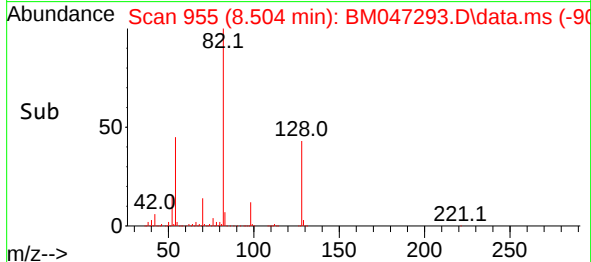
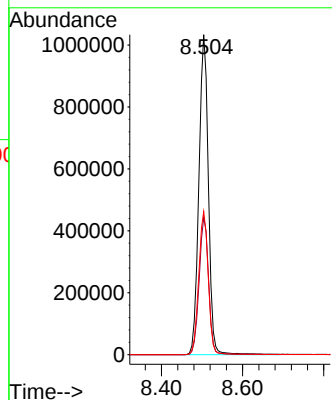
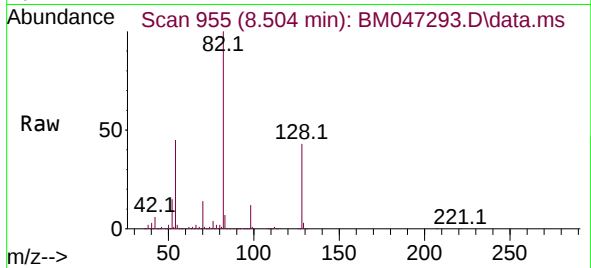




#23
Nitrobenzene-d5
Concen: 99.944 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047293.D
Acq: 21 Aug 2024 11:43

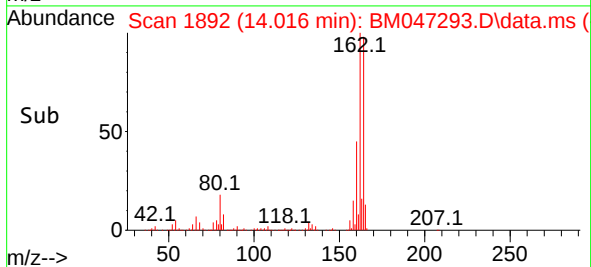
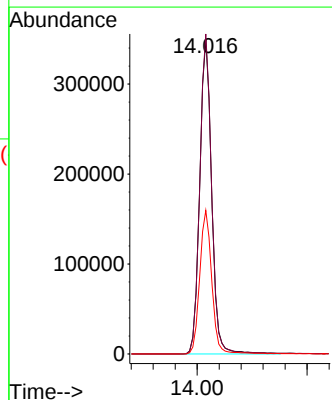
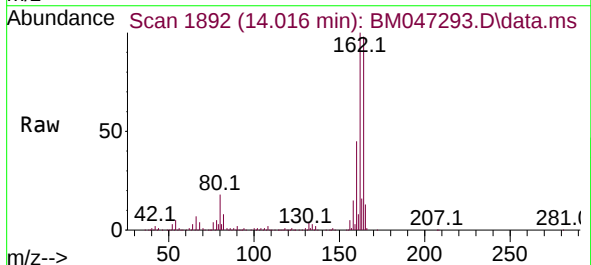
Instrument :
BNA_M
ClientSampleId :
PB162782BL

Tgt Ion: 82 Resp: 1692953
Ion Ratio Lower Upper
82 100
128 42.9 32.3 48.5
54 44.8 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047293.D
Acq: 21 Aug 2024 11:43

Tgt Ion:164 Resp: 528426
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 45.6 36.0 54.0

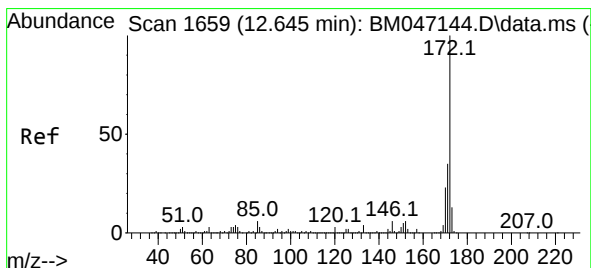
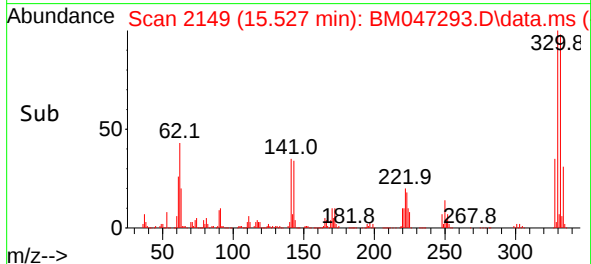
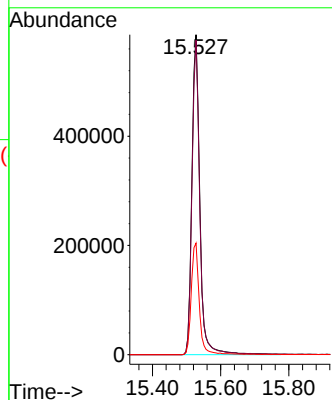
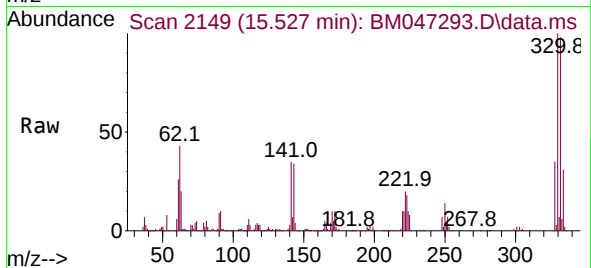




#42
2,4,6-Tribromophenol
Concen: 154.179 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047293.D
Acq: 21 Aug 2024 11:43

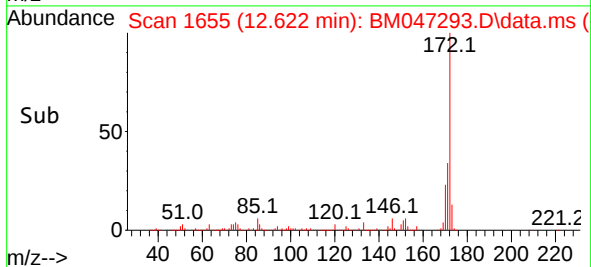
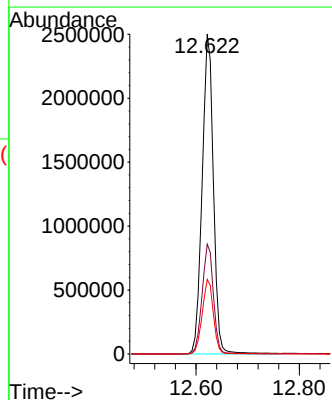
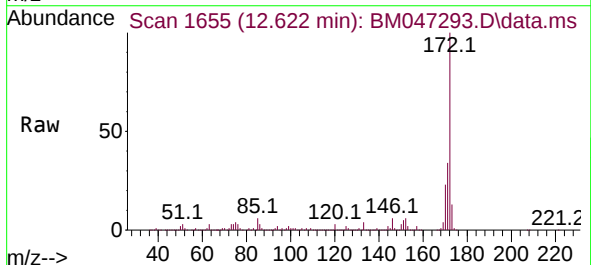
Instrument :
BNA_M
ClientSampleId :
PB162782BL

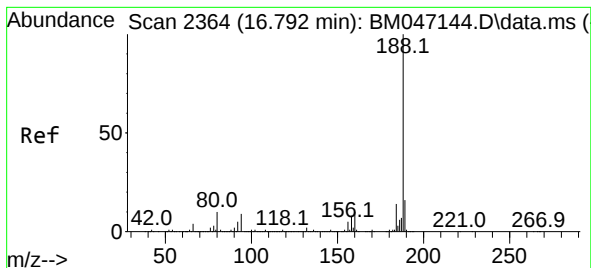
Tgt Ion:330 Resp: 944682
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.2
141 35.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 110.359 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047293.D
Acq: 21 Aug 2024 11:43

Tgt Ion:172 Resp: 3780573
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047293.D

Acq: 21 Aug 2024 11:43

Instrument :

BNA_M

ClientSampleId :

PB162782BL

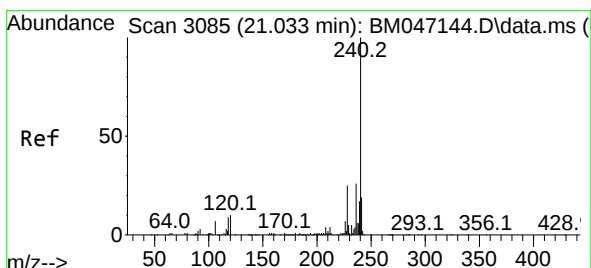
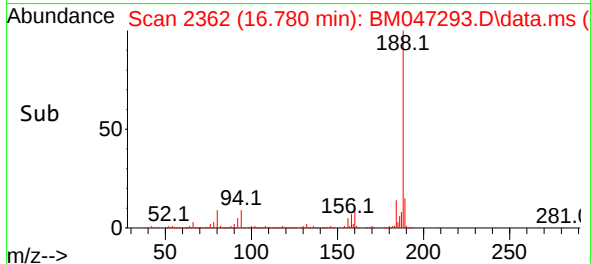
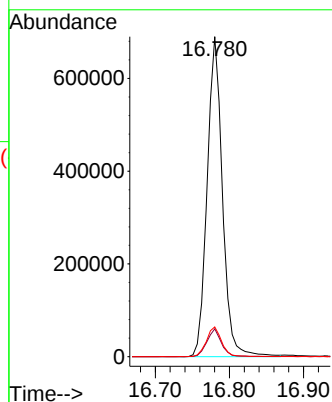
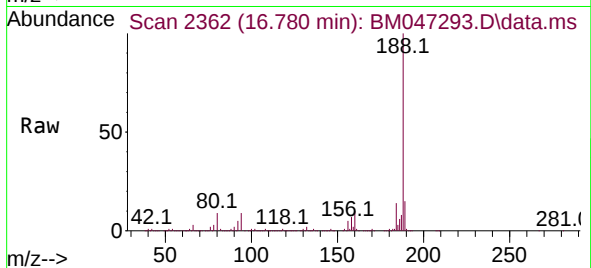
Tgt Ion:188 Resp: 990838

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047293.D

Acq: 21 Aug 2024 11:43

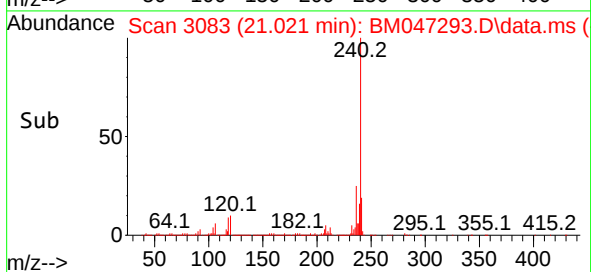
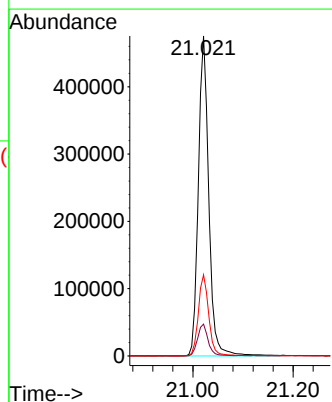
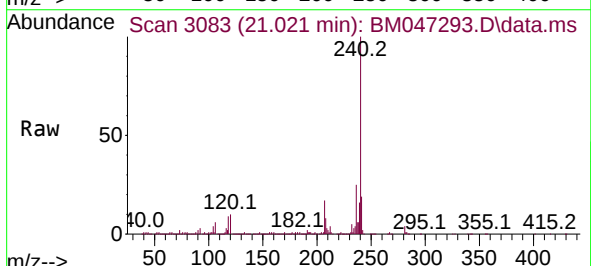
Tgt Ion:240 Resp: 684131

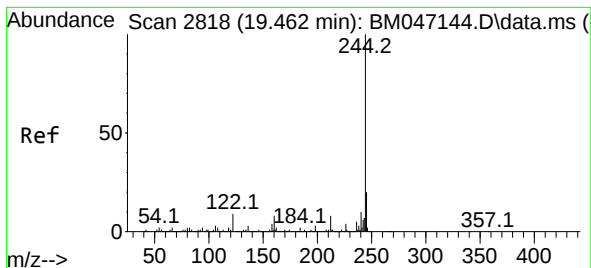
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 25.3 20.6 30.8





#79

Terphenyl-d14

Concen: 132.196 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047293.D

Acq: 21 Aug 2024 11:43

Instrument :

BNA_M

ClientSampleId :

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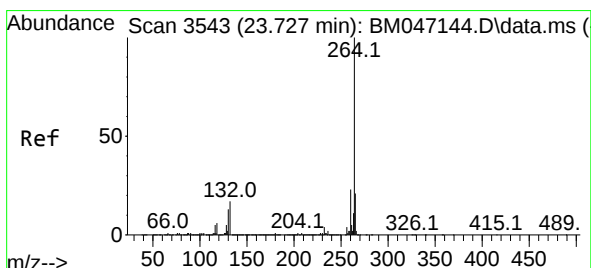
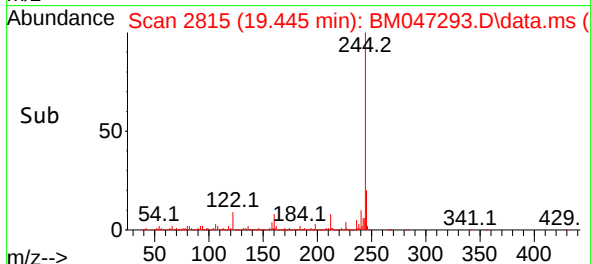
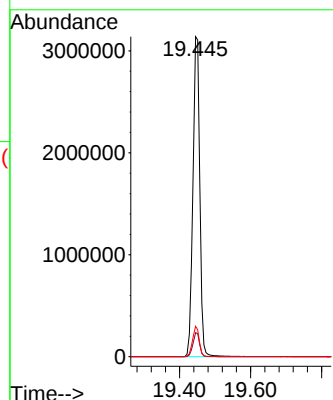
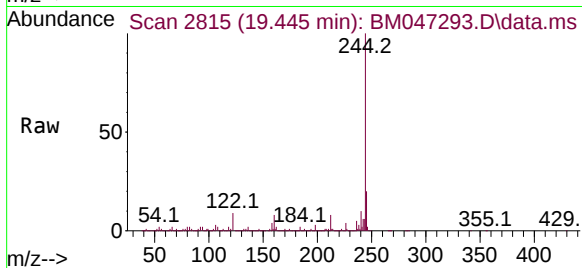
Tgt Ion:244 Resp: 4220685

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047293.D

Acq: 21 Aug 2024 11:43

Tgt Ion:264 Resp: 820446

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.3 17.3 25.9

