

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047266.D
 Acq On : 20 Aug 2024 11:28
 Operator : RC/JU
 Sample : P3643-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 932-K1-SD-0-0.5-081524

Quant Time: Aug 20 12:11:19 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)

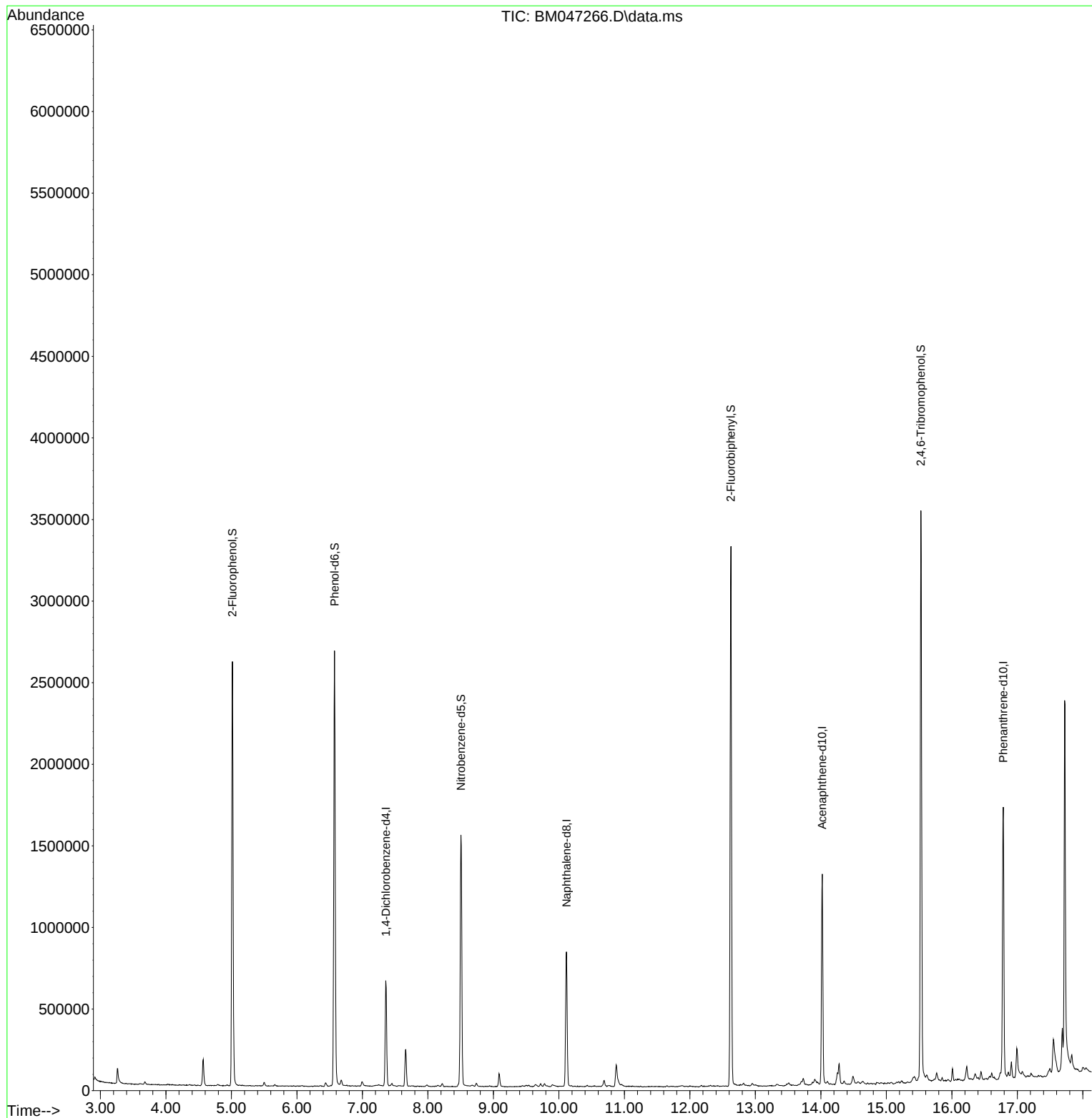
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	175726	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	681123	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	460301	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1024945	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1128116	20.000	ng	0.00
86) Perylene-d12	23.721	264	1238959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1139181	115.836	ng	0.00
7) Phenol-d6	6.575	99	1516485	111.909	ng	-0.01
23) Nitrobenzene-d5	8.504	82	921855	68.150	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	663764	124.364	ng	-0.01
45) 2-Fluorobiphenyl	12.627	172	1757603	58.900	ng	-0.02
79) Terphenyl-d14	19.450	244	2564928	48.719	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.522	77	1410	Below Cal	Qvalue #	67

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

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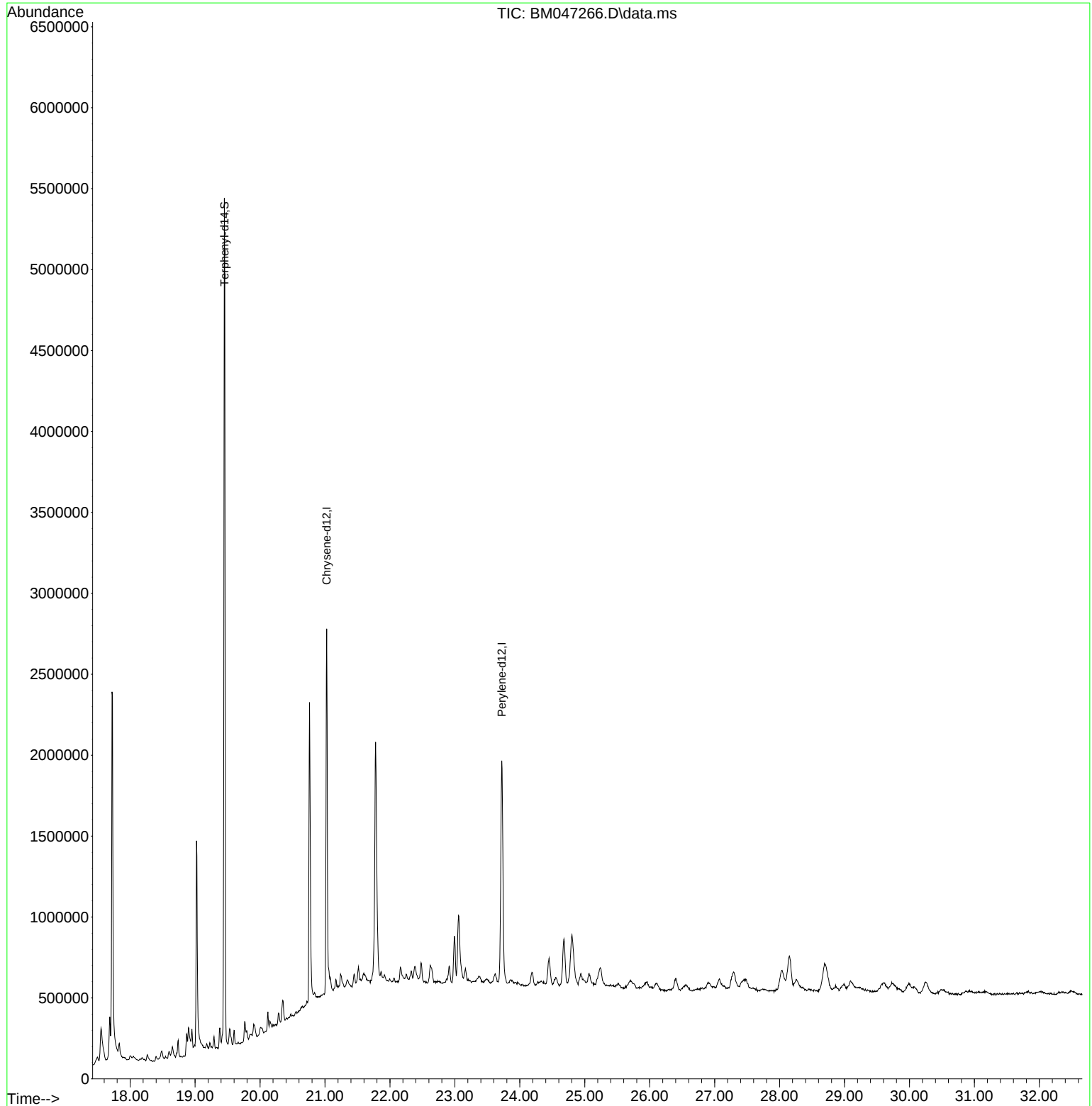
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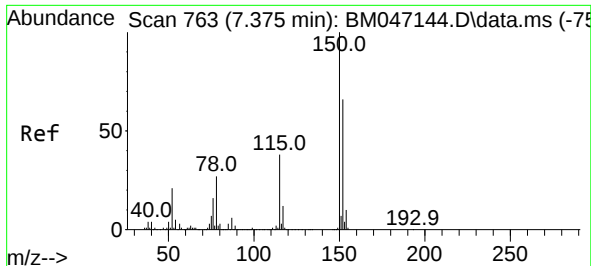


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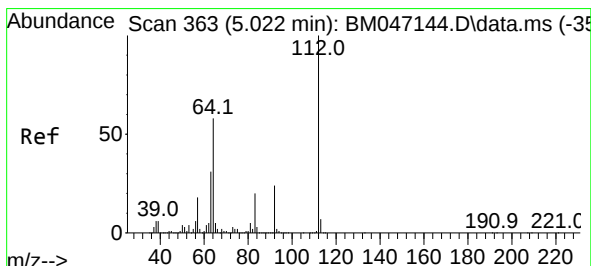
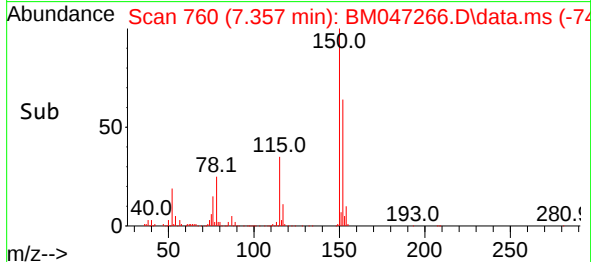
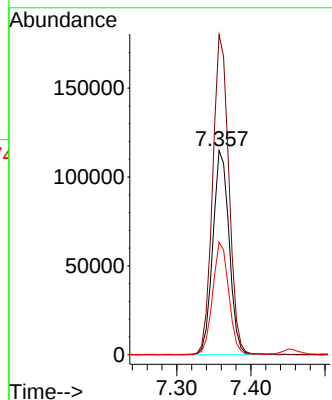
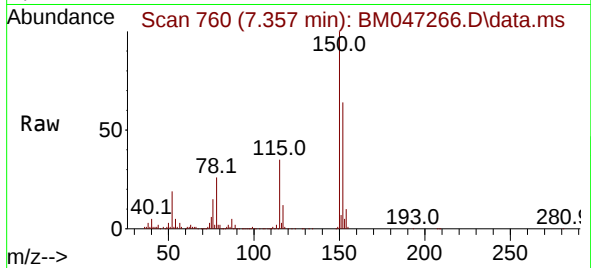




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

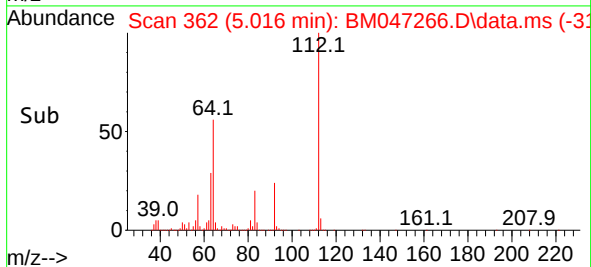
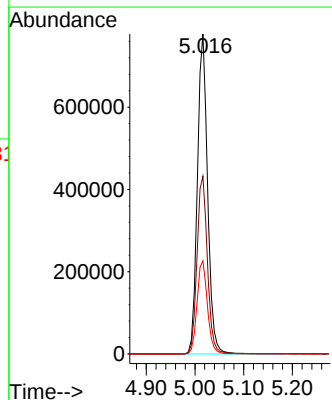
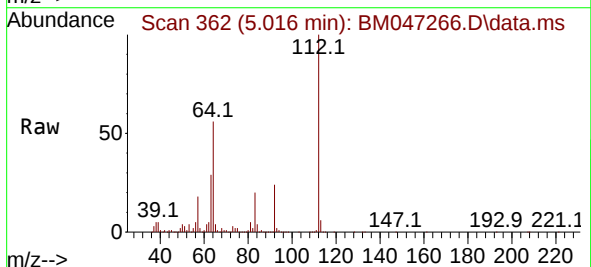
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524

Tgt Ion:152 Resp: 175726
Ion Ratio Lower Upper
152 100
150 156.8 120.5 180.7
115 55.2 45.5 68.3



#5
2-Fluorophenol
Concen: 115.836 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

Tgt Ion:112 Resp: 1139181
Ion Ratio Lower Upper
112 100
64 55.5 46.7 70.1
63 29.1 24.8 37.2

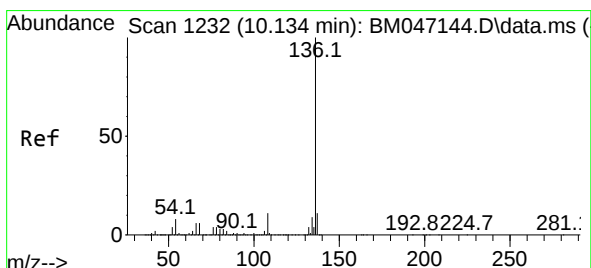
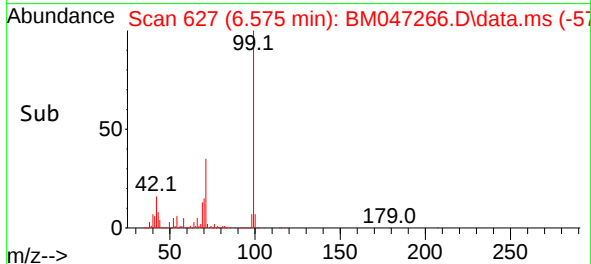
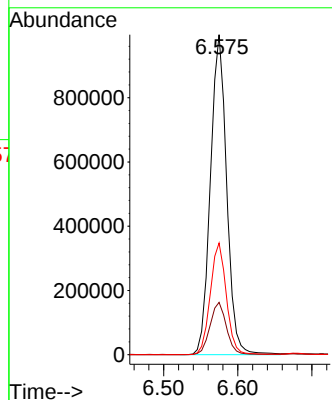
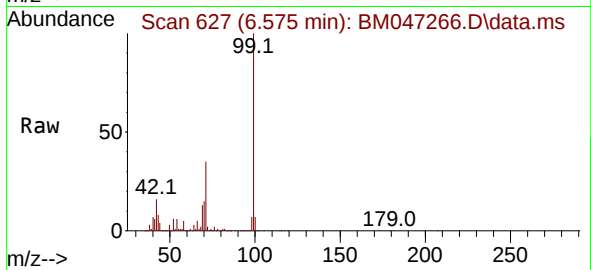




#7
Phenol-d6
Concen: 111.909 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

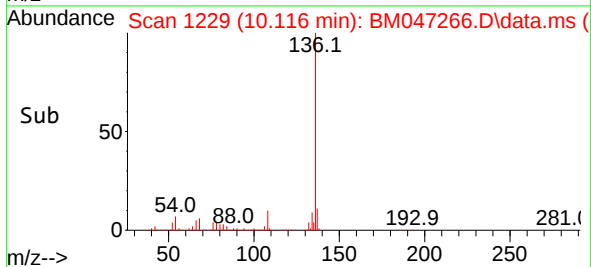
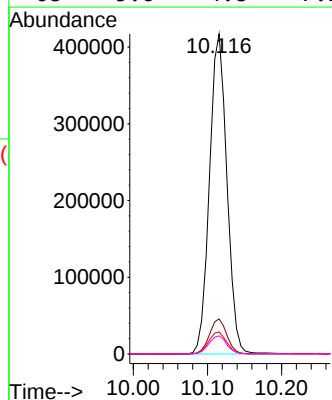
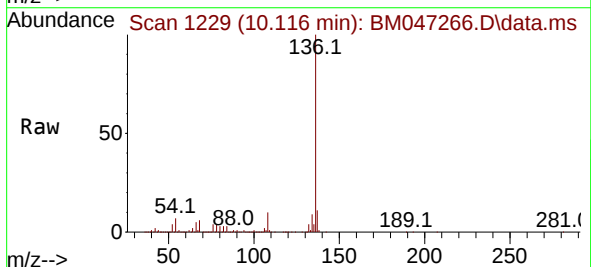
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524

Tgt Ion: 99 Resp: 1516485
Ion Ratio Lower Upper
99 100
42 16.3 14.1 21.1
71 34.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

Tgt Ion: 136 Resp: 681123
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 6.0 9.0
68 5.6 4.8 7.2

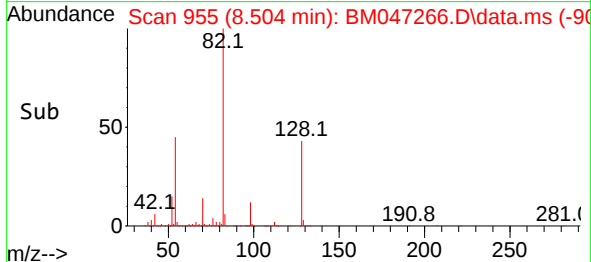
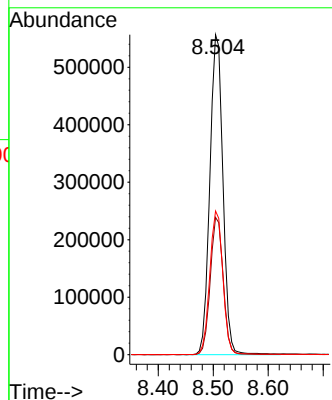
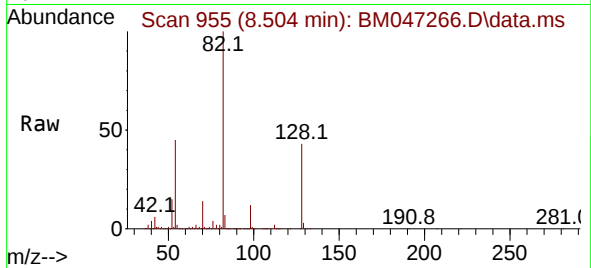




#23
Nitrobenzene-d5
Concen: 68.150 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

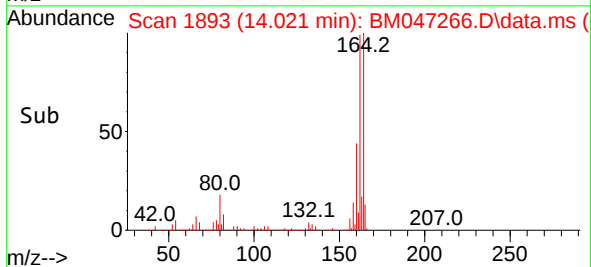
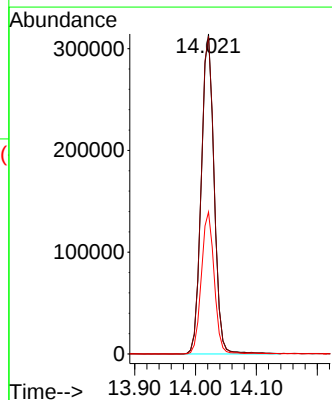
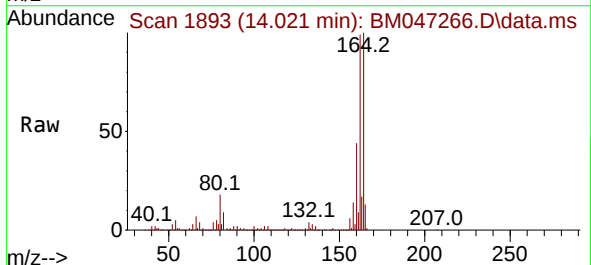
Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524

Tgt Ion: 82 Resp: 921855
Ion Ratio Lower Upper
82 100
128 42.9 32.3 48.5
54 44.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

Tgt Ion: 164 Resp: 460301
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 44.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 124.364 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047266.D

Acq: 20 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524

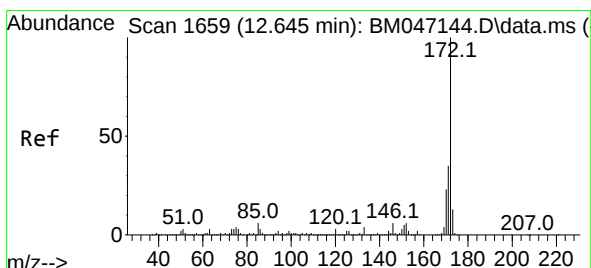
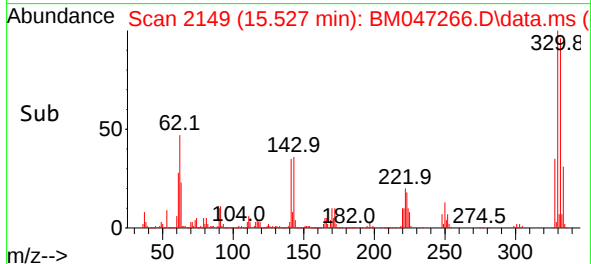
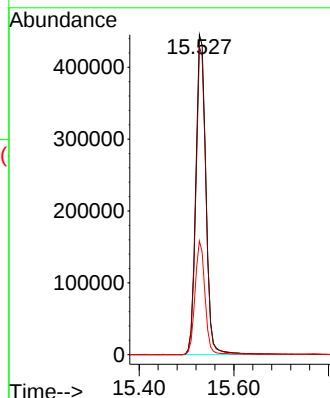
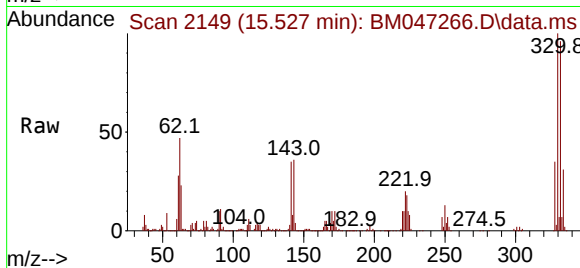
Tgt Ion:330 Resp: 663764

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 34.9 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 58.900 ng

RT: 12.627 min Scan# 1656

Delta R.T. -0.018 min

Lab File: BM047266.D

Acq: 20 Aug 2024 11:28

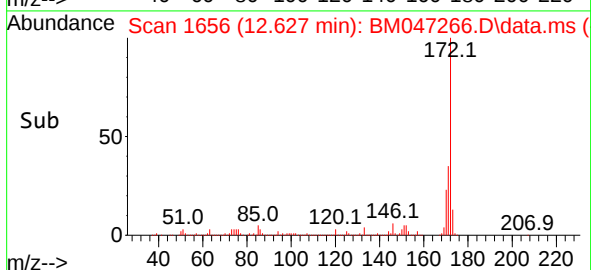
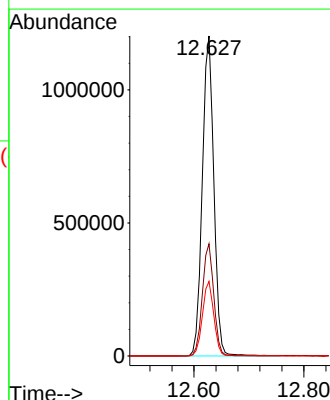
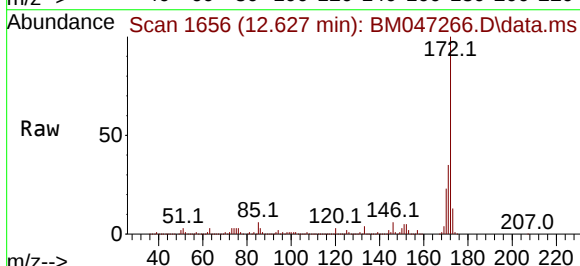
Tgt Ion:172 Resp: 1757603

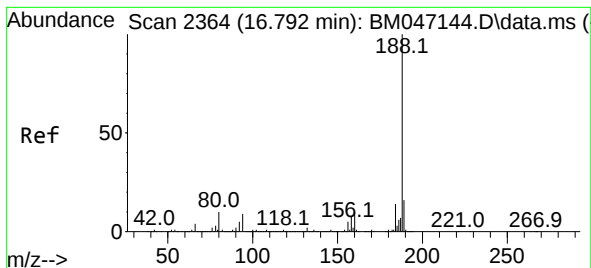
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047266.D

Acq: 20 Aug 2024 11:28

Instrument :

BNA_M

ClientSampleId :

932-K1-SD-0-0.5-081524

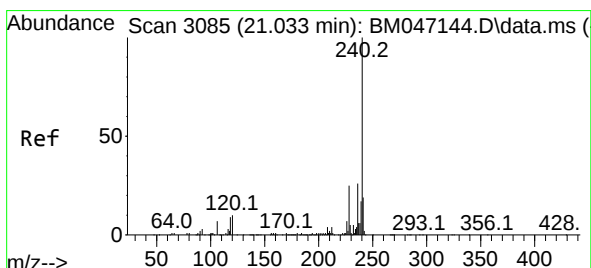
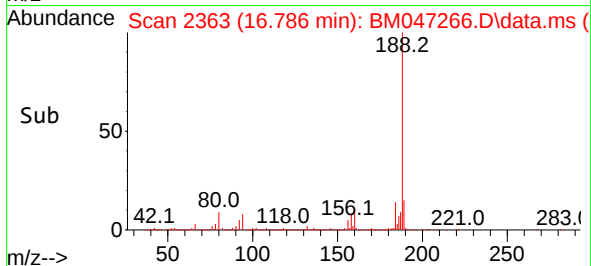
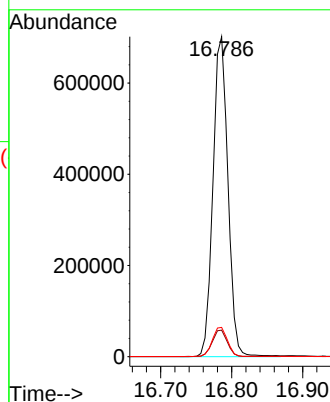
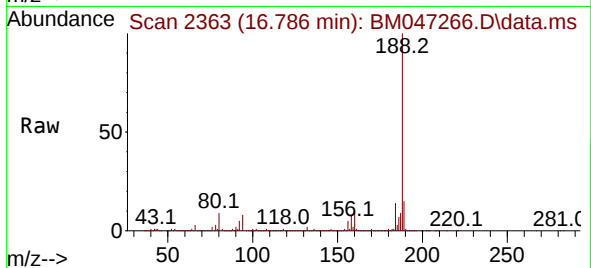
Tgt Ion:188 Resp: 1024945

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.1 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047266.D

Acq: 20 Aug 2024 11:28

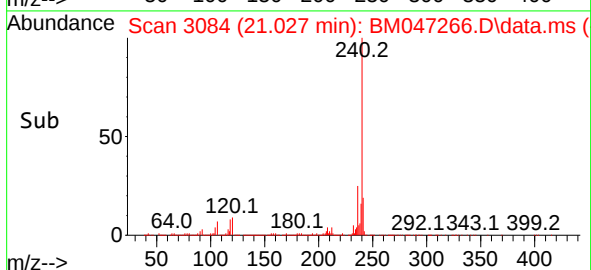
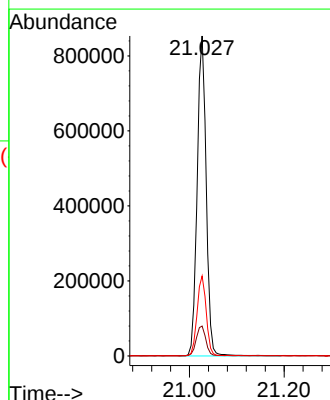
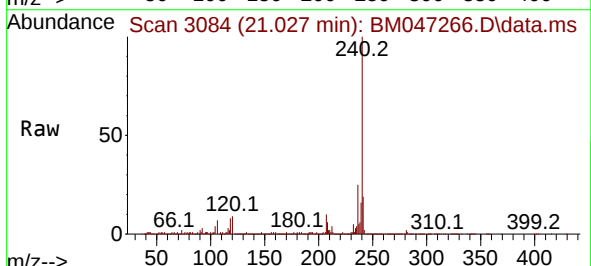
Tgt Ion:240 Resp: 1128116

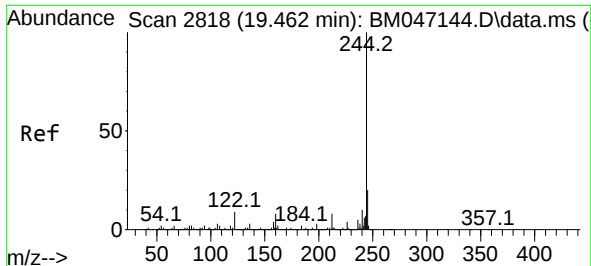
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 25.0 20.6 30.8

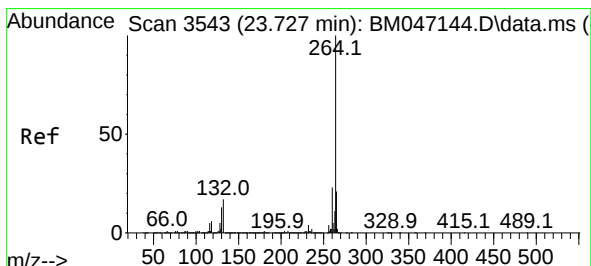
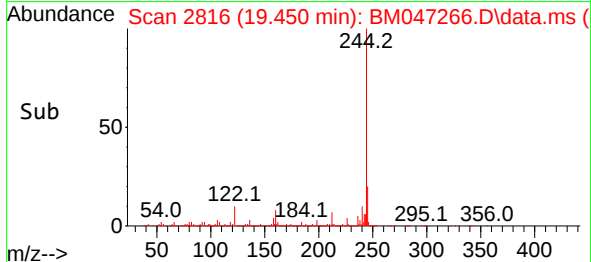
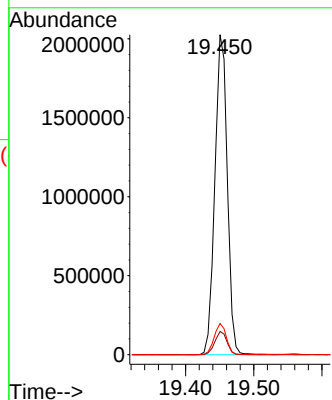
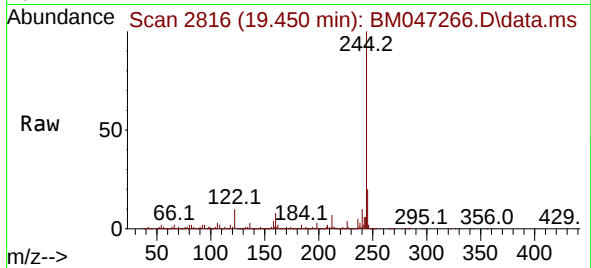




#79
Terphenyl-d14
Concen: 48.719 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047266.D
Acq: 20 Aug 2024 11:28

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 2564928
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 9.7 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: BM047266.D
Acq: 20 Aug 2024 11:28

Tgt Ion:264 Resp: 1238959
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 22.1 17.3 25.9

