

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046355.D
 Acq On : 28 Jun 2024 16:43
 Operator : MA/JU
 Sample : P3064-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-062524

Quant Time: Jun 28 17:47:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	153119	20.000	ng	0.00
21) Naphthalene-d8	10.134	136	598334	20.000	ng	0.00
39) Acenaphthene-d10	14.022	164	314213	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	510851	20.000	ng	0.00
76) Chrysene-d12	20.992	240	364985	20.000	ng	0.00
86) Perylene-d12	23.662	264	459526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	157037	16.486	ng	0.00
7) Phenol-d6	6.640	99	188826	13.954	ng	0.00
23) Nitrobenzene-d5	8.557	82	126834	8.788	ng	0.02
42) 2,4,6-Tribromophenol	15.533	330	41259	10.797	ng	0.00
45) 2-Fluorobiphenyl	12.645	172	232743	10.040	ng	0.01
79) Terphenyl-d14	19.427	244	209330	9.489	ng	0.00

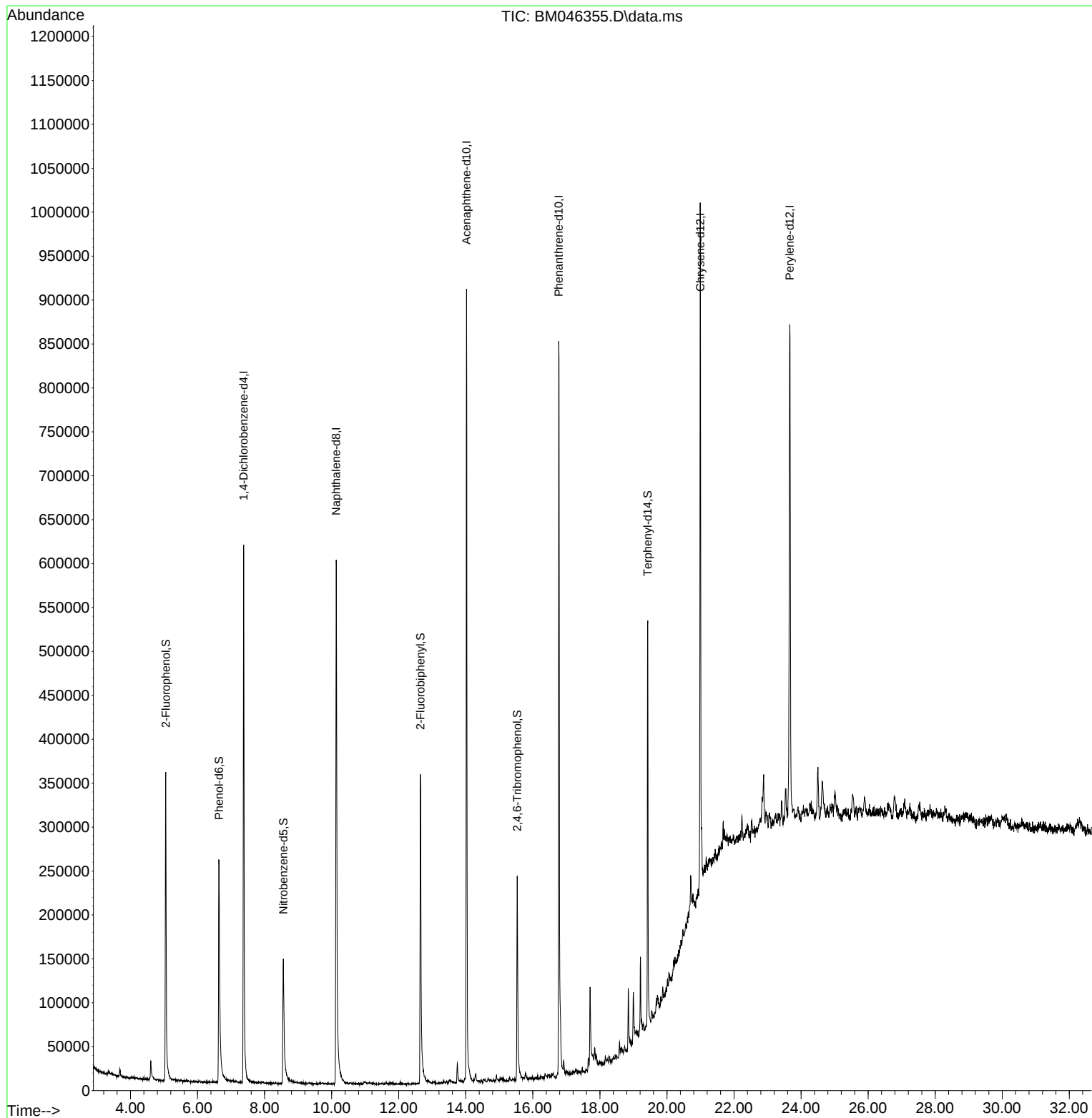
Target Compounds	Qvalue

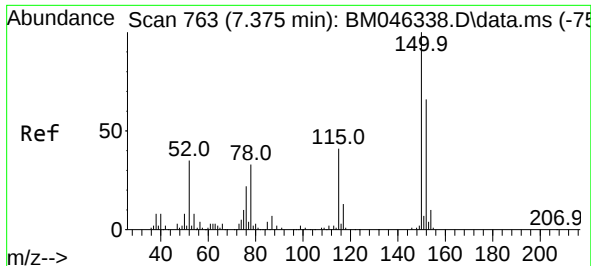
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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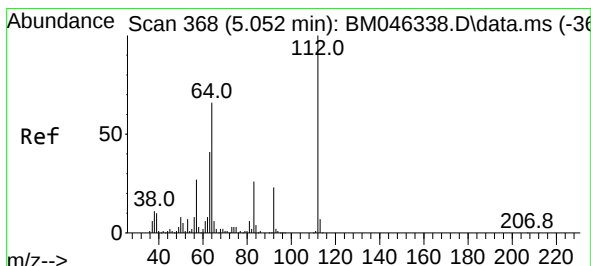
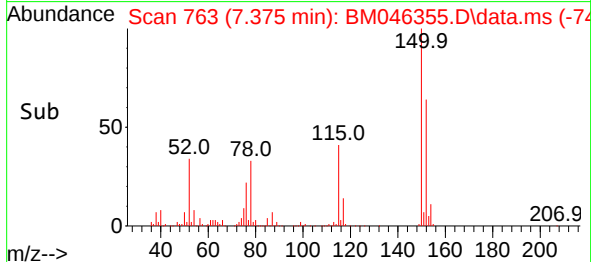
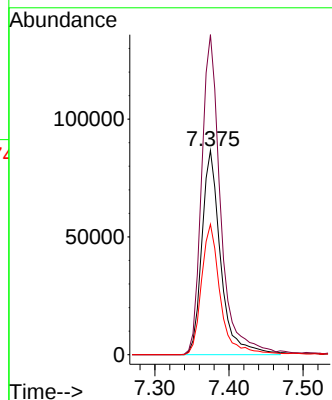
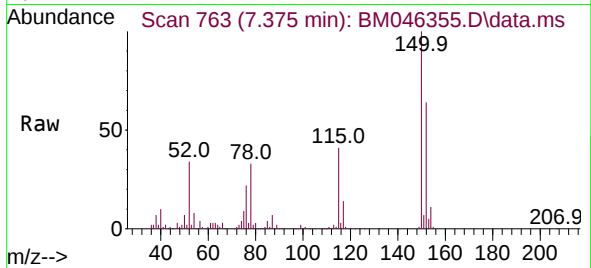




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

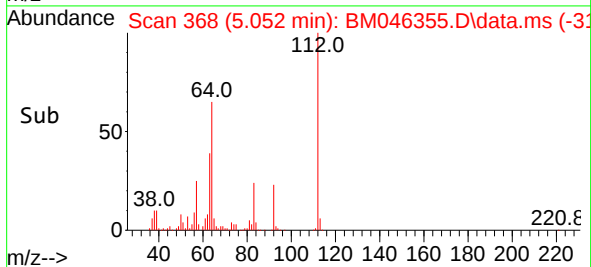
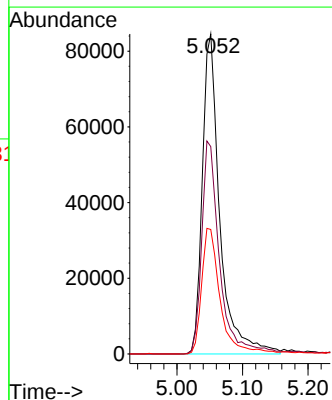
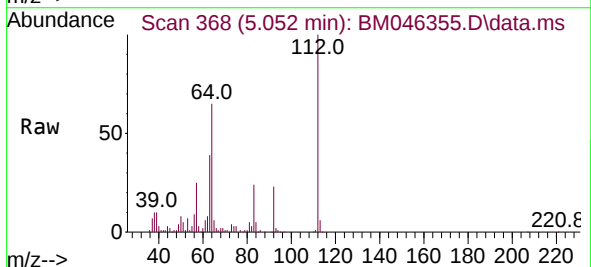
Instrument :
BNA_M
ClientSampleId :
HD-02-062524

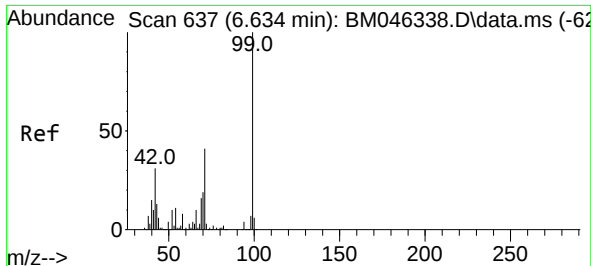
Tgt Ion:152 Resp: 153119
Ion Ratio Lower Upper
152 100
150 156.7 122.1 183.1
115 63.9 50.2 75.4



#5
2-Fluorophenol
Concen: 16.486 ng
RT: 5.052 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

Tgt Ion:112 Resp: 157037
Ion Ratio Lower Upper
112 100
64 64.8 52.8 79.2
63 38.9 32.9 49.3

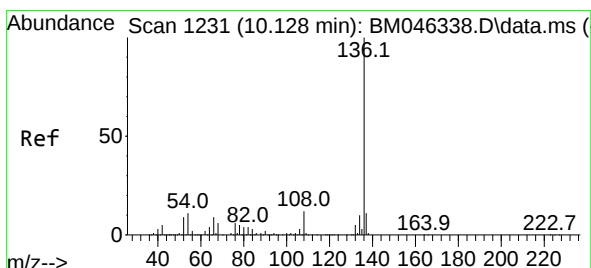
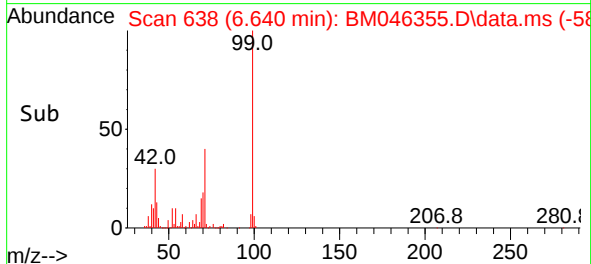
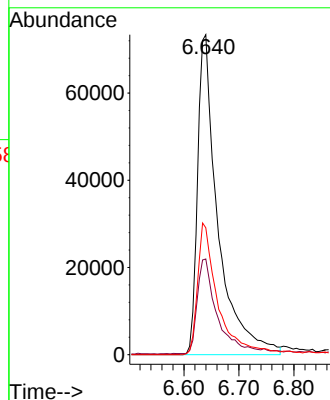
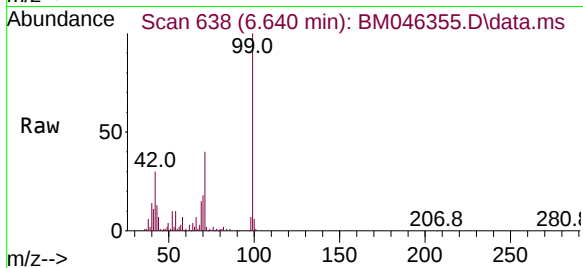




#7
Phenol-d6
Concen: 13.954 ng
RT: 6.640 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

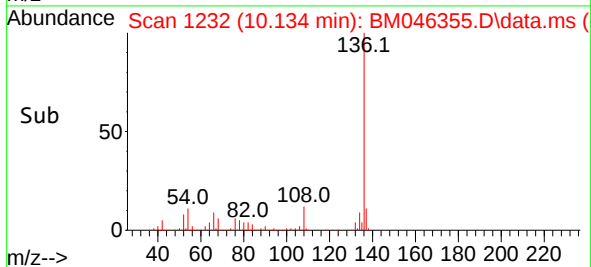
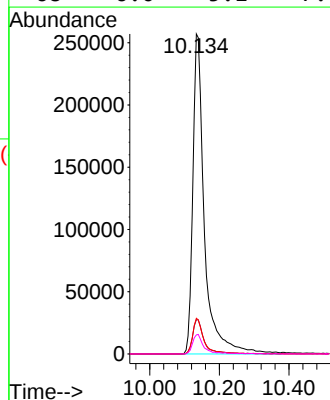
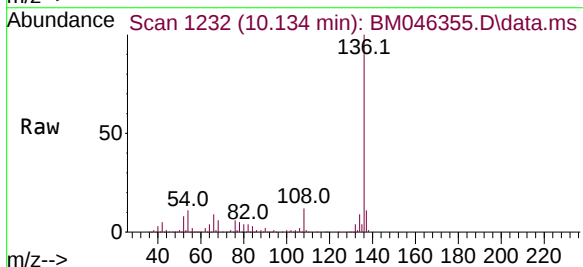
Instrument :
BNA_M
ClientSampleId :
HD-02-062524

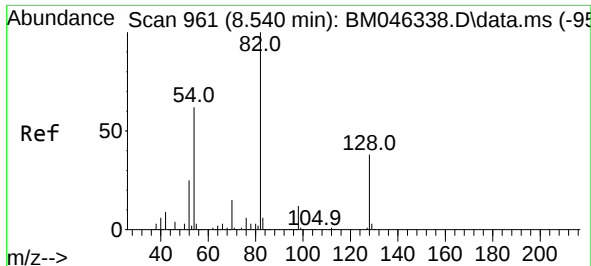
Tgt Ion: 99 Resp: 188826
Ion Ratio Lower Upper
99 100
42 29.9 24.8 37.2
71 39.7 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.134 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

Tgt Ion: 136 Resp: 598334
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.2 9.0 13.4
68 6.0 5.1 7.7

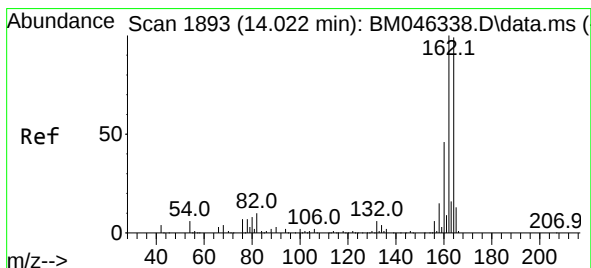
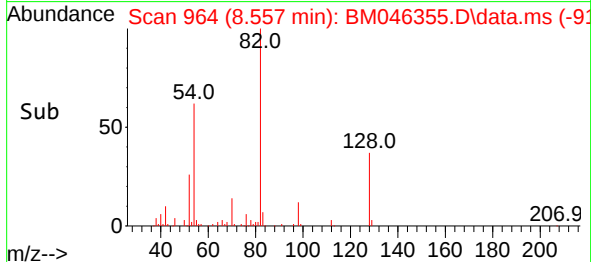
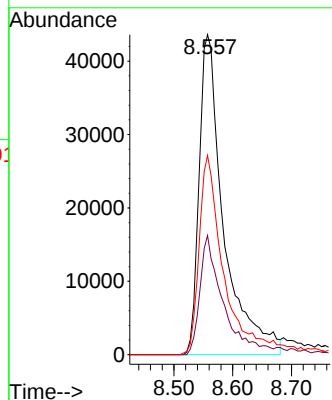
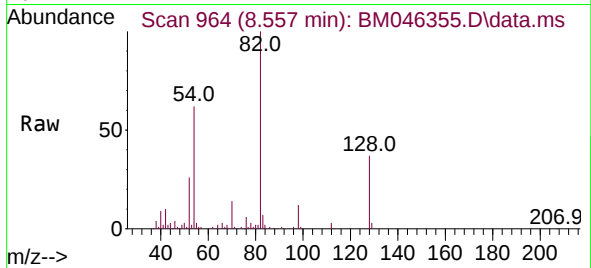




#23
Nitrobenzene-d5
Concen: 8.788 ng
RT: 8.557 min Scan# 961
Delta R.T. 0.018 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

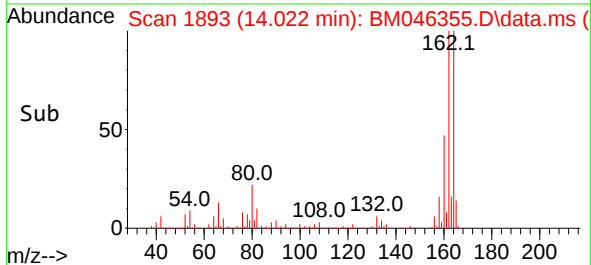
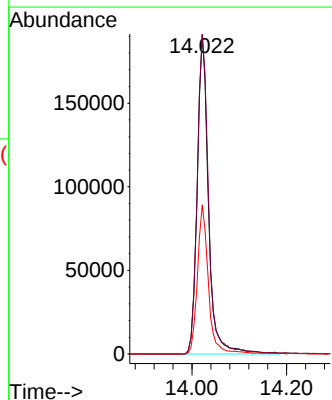
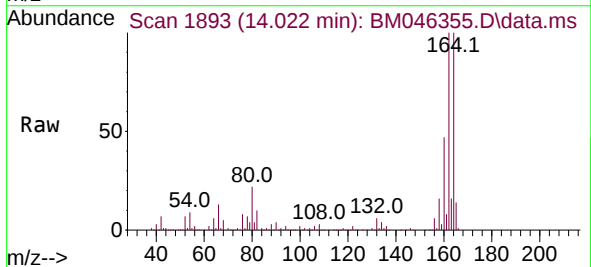
Instrument :
BNA_M
ClientSampleId :
HD-02-062524

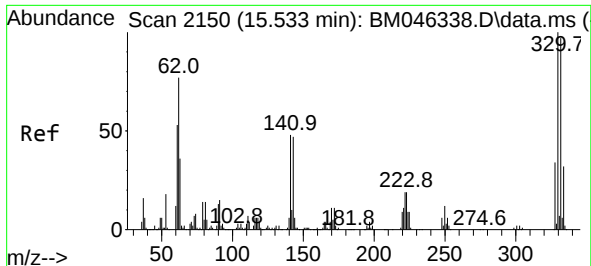
Tgt Ion: 82 Resp: 126834
Ion Ratio Lower Upper
82 100
128 37.2 30.6 46.0
54 62.3 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

Tgt Ion: 164 Resp: 314213
Ion Ratio Lower Upper
164 100
162 100.4 80.5 120.7
160 46.8 37.0 55.6

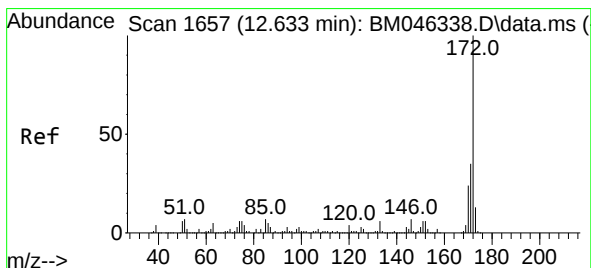
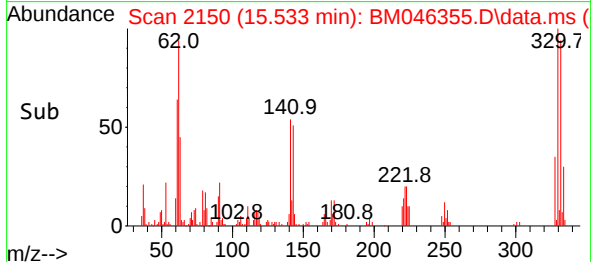
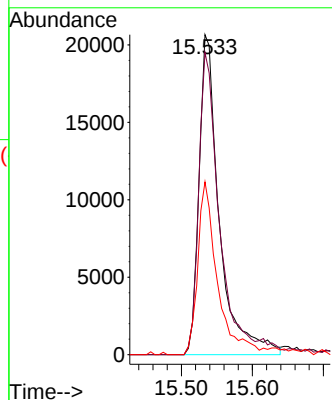
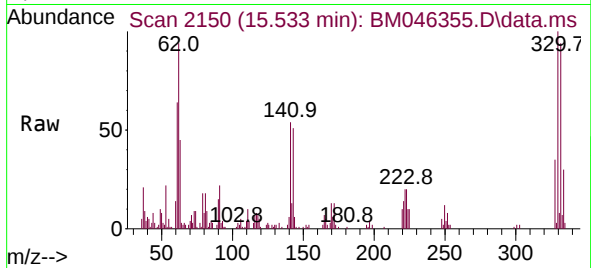




#42
2,4,6-Tribromophenol
Concen: 10.797 ng
RT: 15.533 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

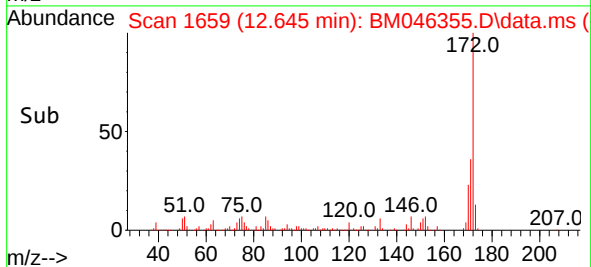
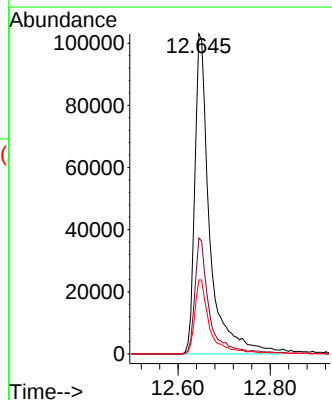
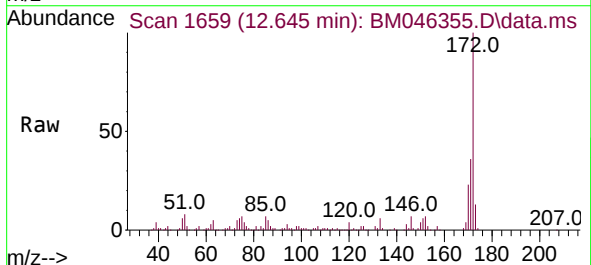
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ClientSampleId :
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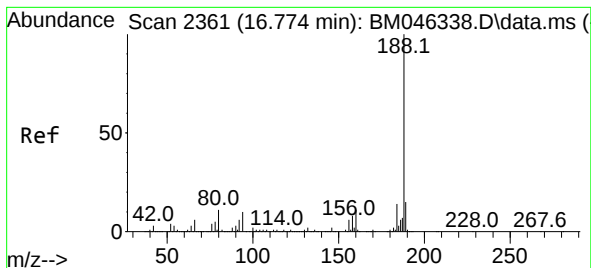
Tgt Ion:330 Resp: 41259
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 52.1 43.2 64.8



#45
2-Fluorobiphenyl
Concen: 10.040 ng
RT: 12.645 min Scan# 1659
Delta R.T. 0.012 min
Lab File: BM046355.D
Acq: 28 Jun 2024 16:43

Tgt Ion:172 Resp: 232743
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 23.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046355.D

Acq: 28 Jun 2024 16:43

Instrument :

BNA_M

ClientSampleId :

HD-02-062524

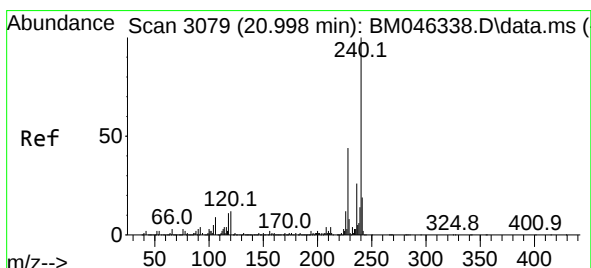
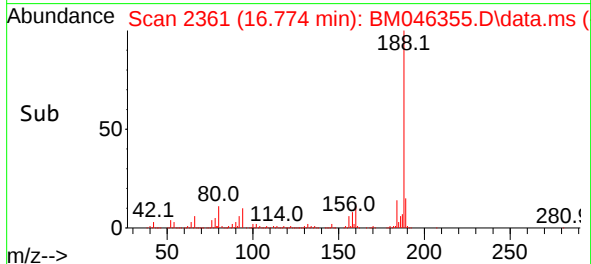
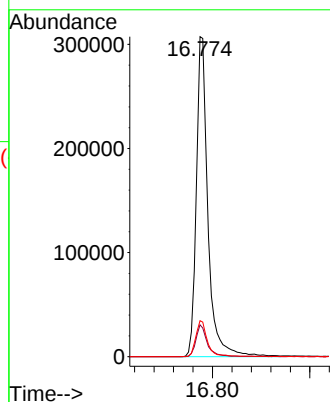
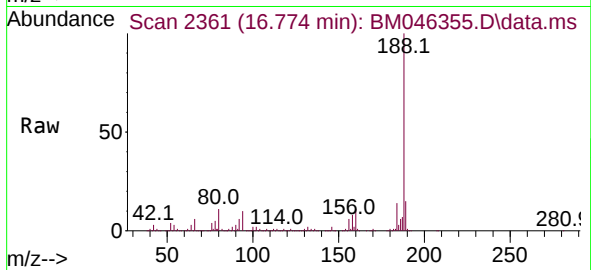
Tgt Ion:188 Resp: 510851

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.3 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.992 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BM046355.D

Acq: 28 Jun 2024 16:43

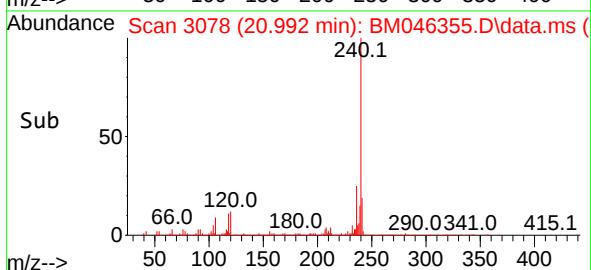
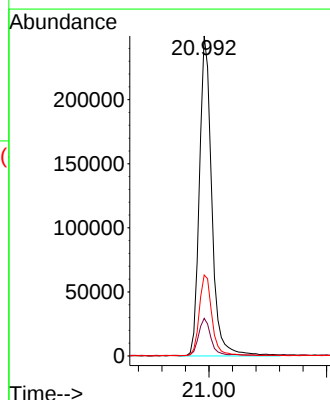
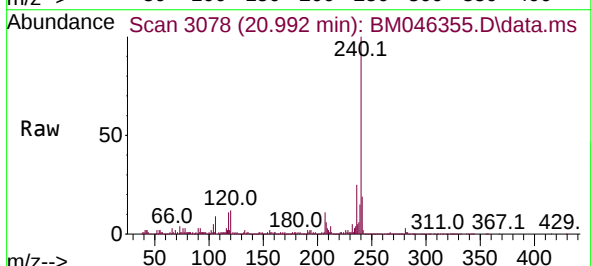
Tgt Ion:240 Resp: 364985

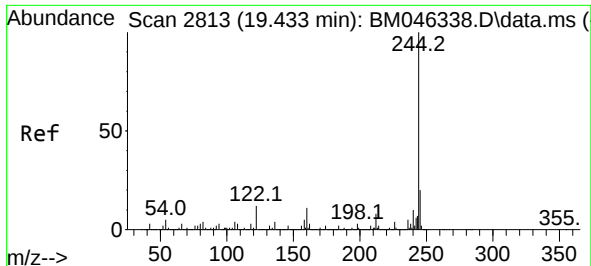
Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

236 25.3 20.5 30.7

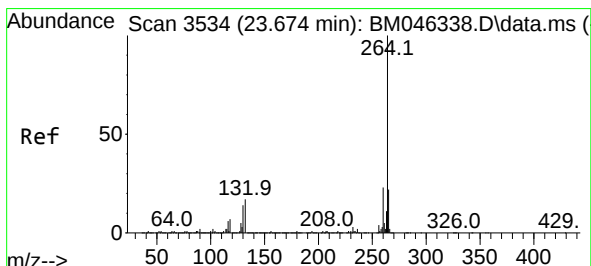
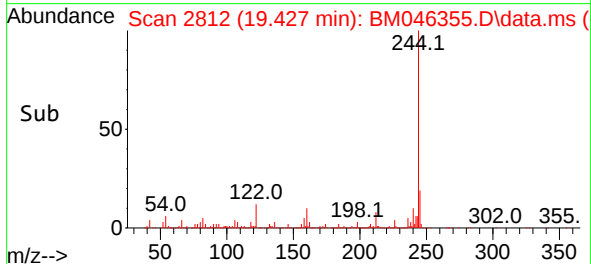
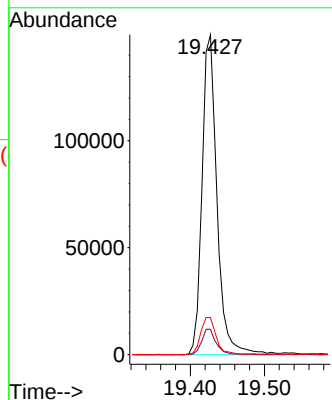
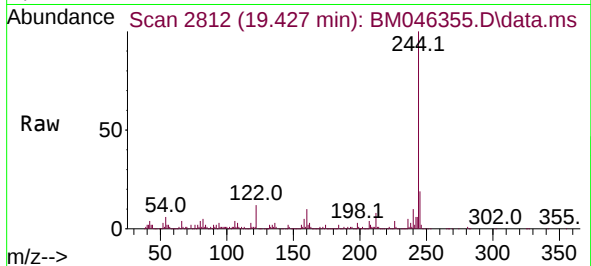




#79
 Terphenyl-d14
 Concen: 9.489 ng
 RT: 19.427 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046355.D
 Acq: 28 Jun 2024 16:43

Instrument :
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 ClientSampleId :
 HD-02-062524

Tgt Ion:244 Resp: 209330
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.6 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.662 min Scan# 3532
 Delta R.T. -0.012 min
 Lab File: BM046355.D
 Acq: 28 Jun 2024 16:43

Tgt Ion:264 Resp: 459526
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 22.0 17.7 26.5

