

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047212.D
 Acq On : 15 Aug 2024 12:51
 Operator : RC/JU
 Sample : P3520-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-10-080624

Quant Time: Aug 15 13:28:42 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	7.363	152	250074	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	892156	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	549162	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1073530	20.000	ng	0.00
76) Chrysene-d12	21.021	240	917698	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1028140	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1152976	82.383	ng	0.00
7) Phenol-d6	6.575	99	1473664	76.418	ng	-0.01
23) Nitrobenzene-d5	8.510	82	979411	55.278	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	541753	85.079	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2102428	59.055	ng	-0.01
79) Terphenyl-d14	19.451	244	2773673	64.763	ng	-0.01

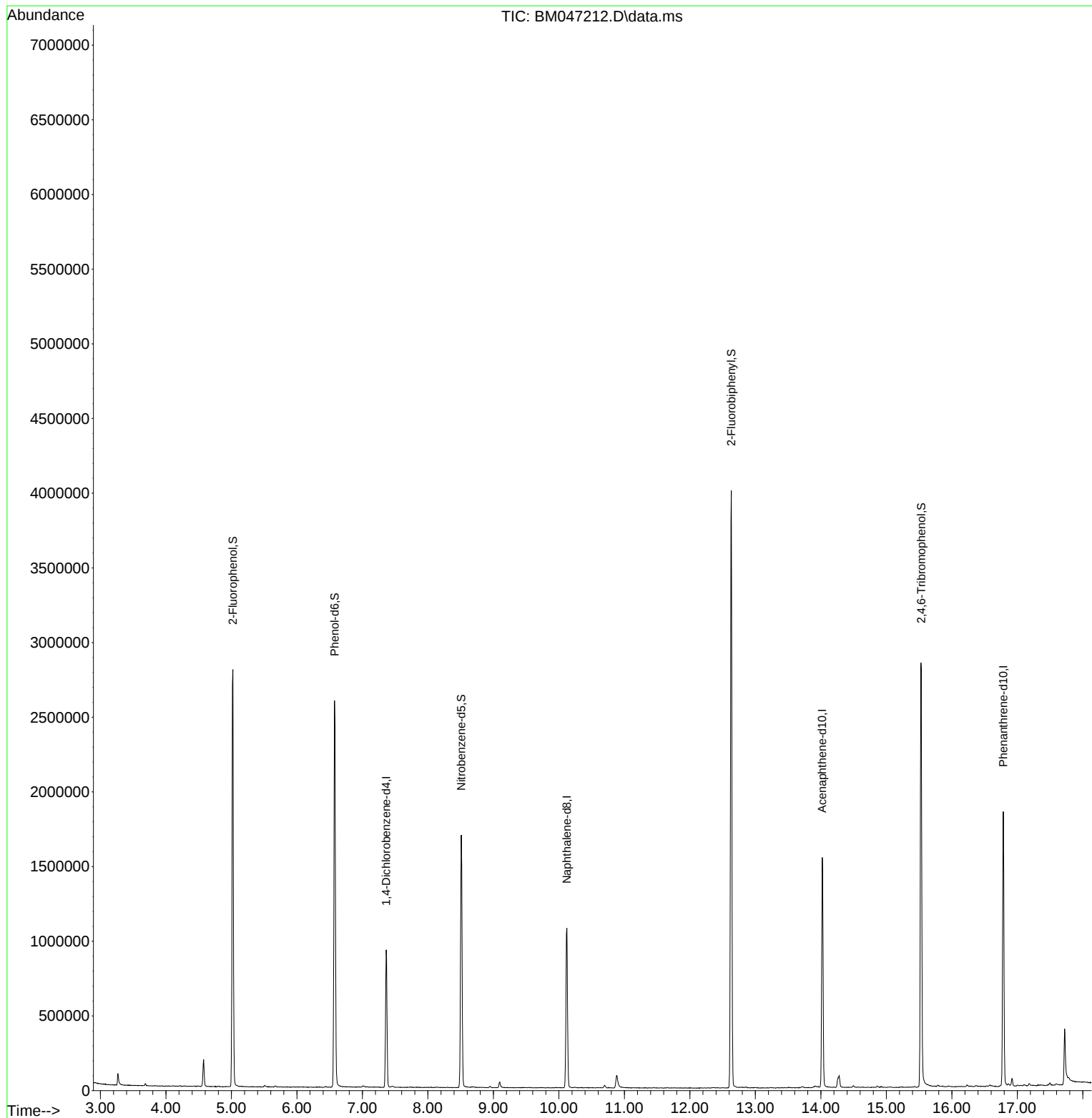
Target Compounds	Qvalue

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

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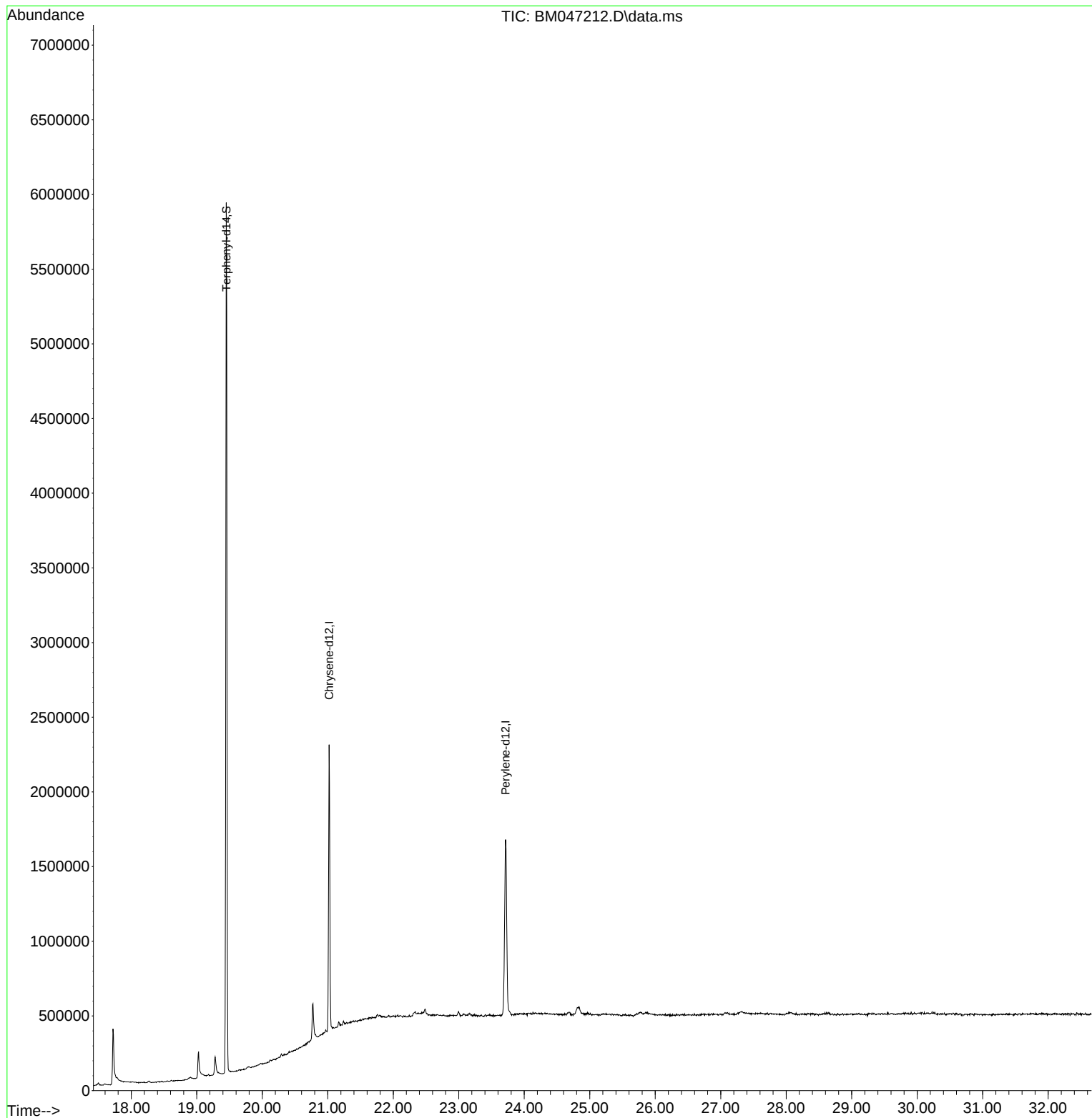
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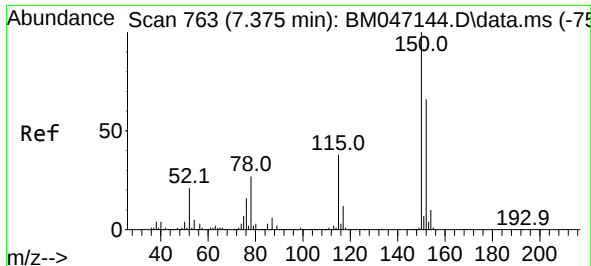


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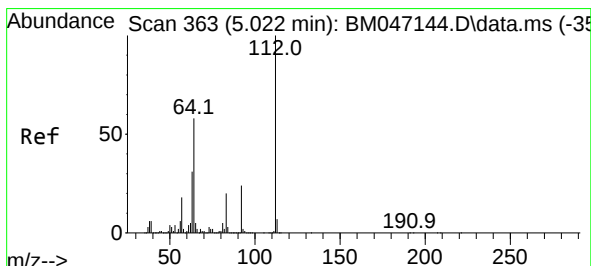
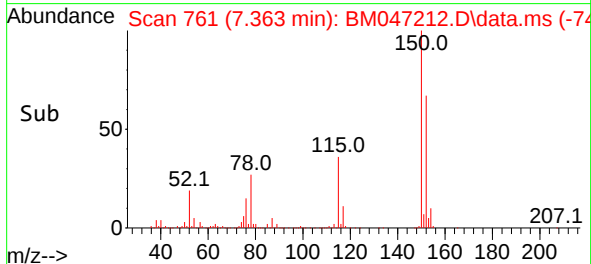
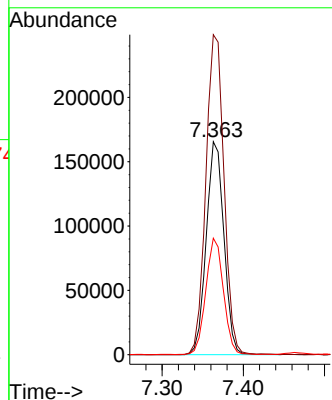
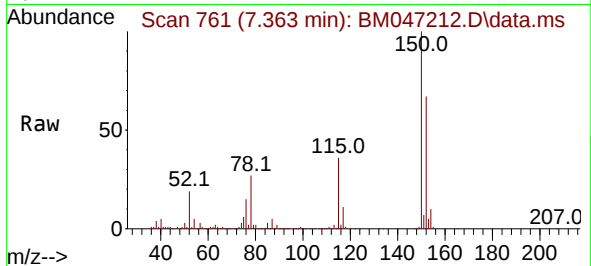




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047212.D
Acq: 15 Aug 2024 12:51

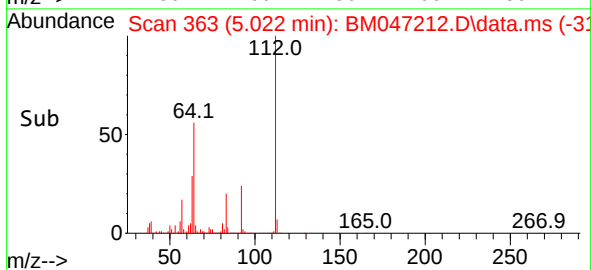
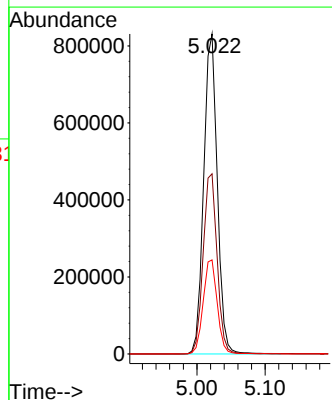
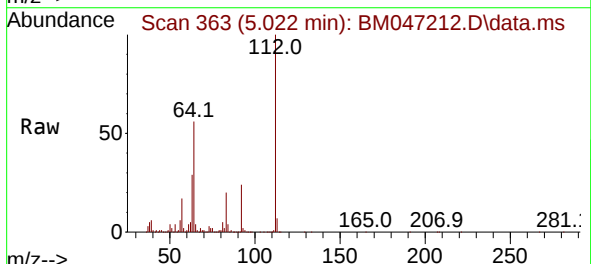
Instrument :
BNA_M
ClientSampleId :
OU4-CF-10-080624

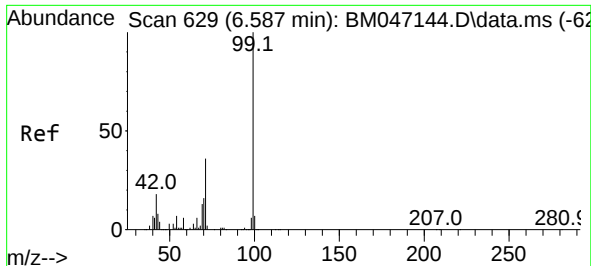
Tgt Ion:152 Resp: 250074
Ion Ratio Lower Upper
152 100
150 150.3 120.5 180.7
115 54.7 45.5 68.3



#5
2-Fluorophenol
Concen: 82.383 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047212.D
Acq: 15 Aug 2024 12:51

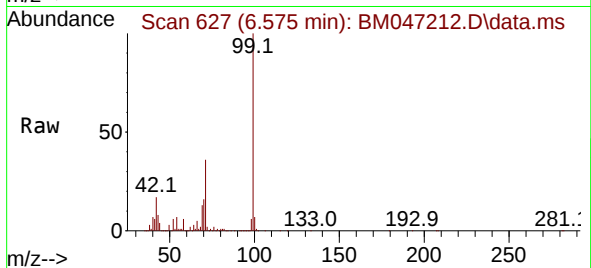
Tgt Ion:112 Resp: 1152976
Ion Ratio Lower Upper
112 100
64 56.3 46.7 70.1
63 29.4 24.8 37.2





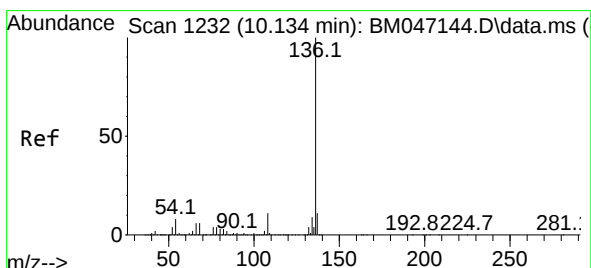
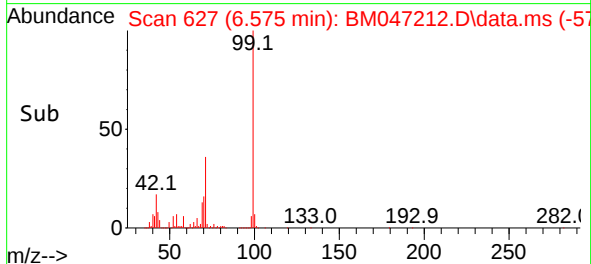
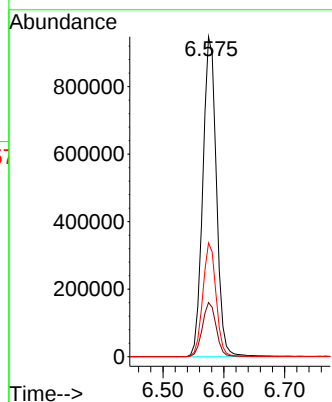
#7
Phenol-d6
Concen: 76.418 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047212.D
Acq: 15 Aug 2024 12:51

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ClientSampleId :
OU4-CF-10-080624



Tgt Ion: 99 Resp: 1473664

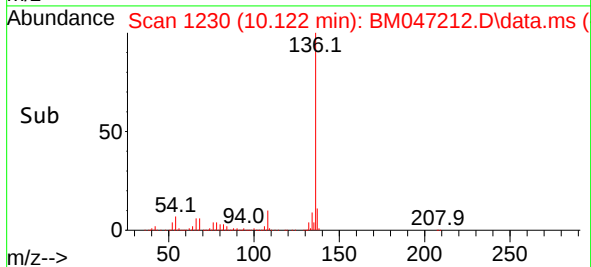
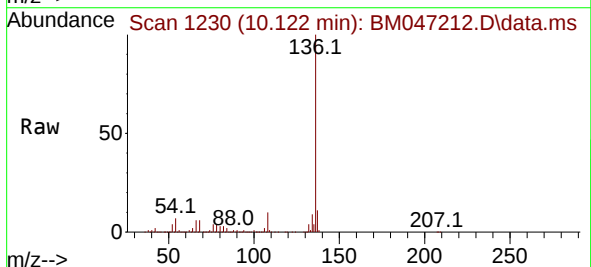
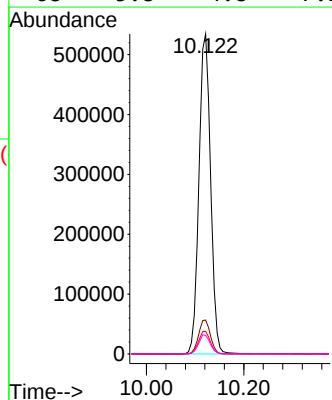
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	35.6	28.5	42.7

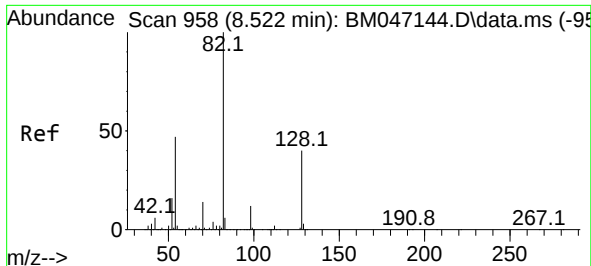


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047212.D
Acq: 15 Aug 2024 12:51

Tgt Ion: 136 Resp: 892156

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.0	6.0	9.0
68	5.8	4.8	7.2

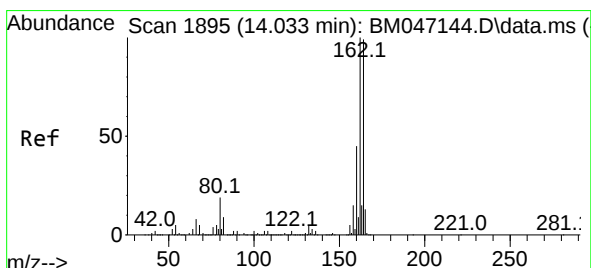
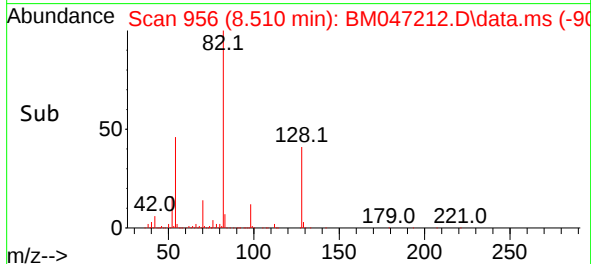
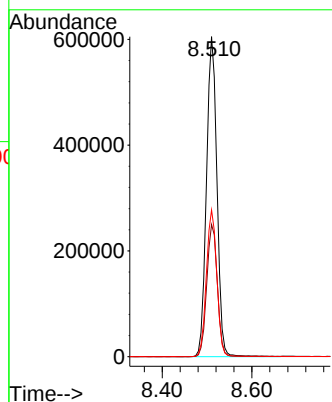
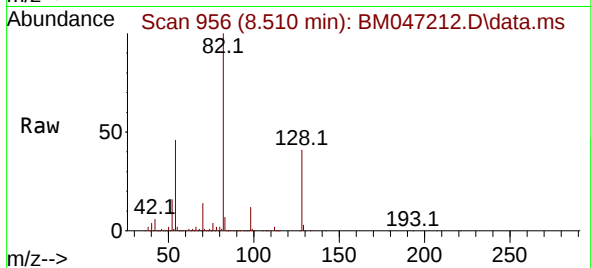




#23
Nitrobenzene-d5
Concen: 55.278 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047212.D
Acq: 15 Aug 2024 12:51

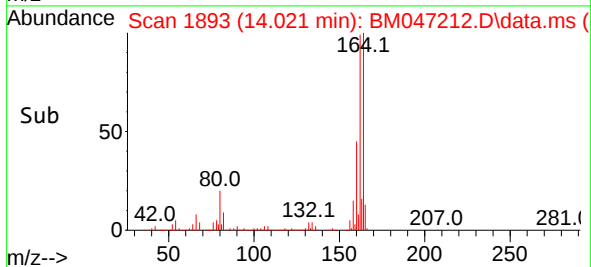
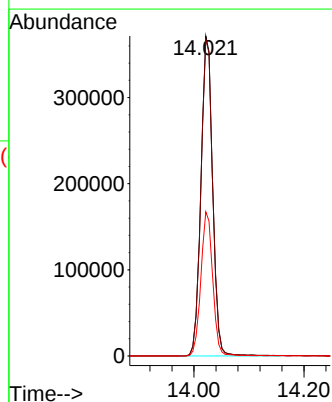
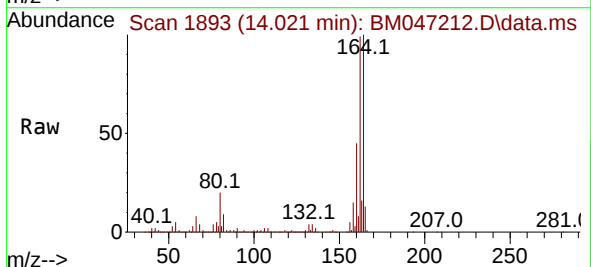
Instrument :
BNA_M
ClientSampleId :
OU4-CF-10-080624

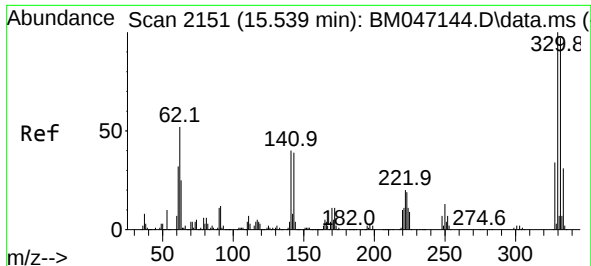
Tgt Ion: 82 Resp: 979411
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 45.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047212.D
Acq: 15 Aug 2024 12:51

Tgt Ion:164 Resp: 549162
Ion Ratio Lower Upper
164 100
162 99.0 80.7 121.1
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 85.079 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047212.D

Acq: 15 Aug 2024 12:51

Instrument :

BNA_M

ClientSampleId :

OU4-CF-10-080624

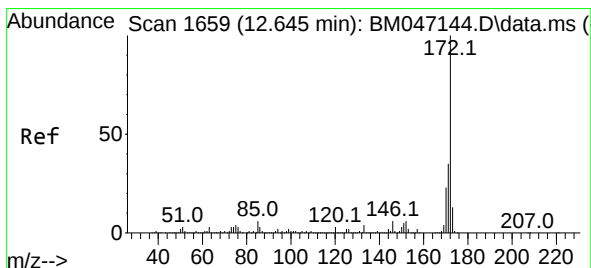
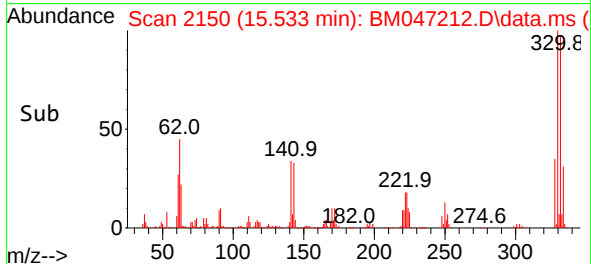
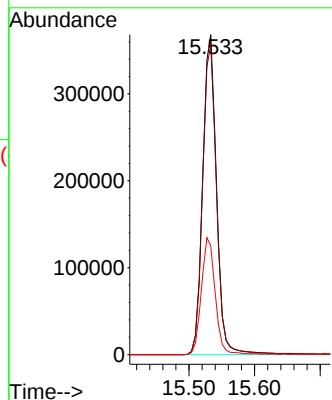
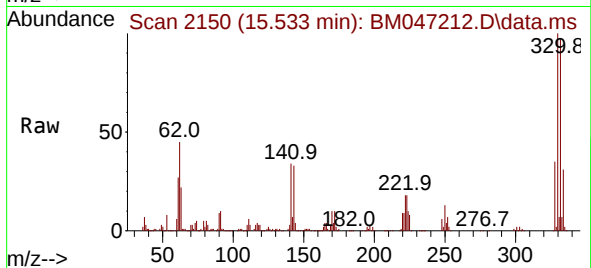
Tgt Ion:330 Resp: 541753

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

141 36.9 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 59.055 ng

RT: 12.633 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BM047212.D

Acq: 15 Aug 2024 12:51

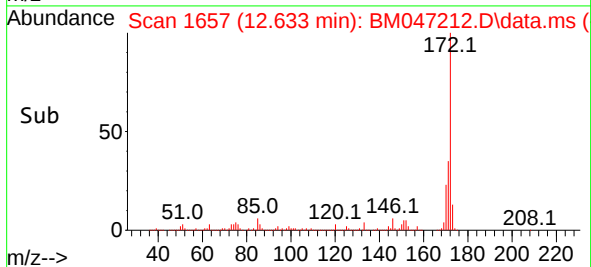
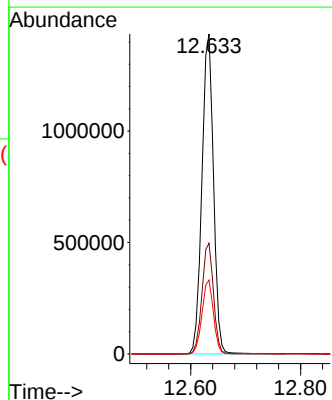
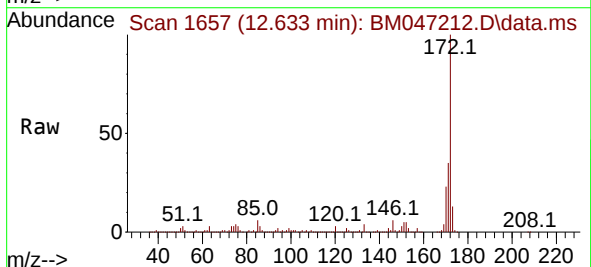
Tgt Ion:172 Resp: 2102428

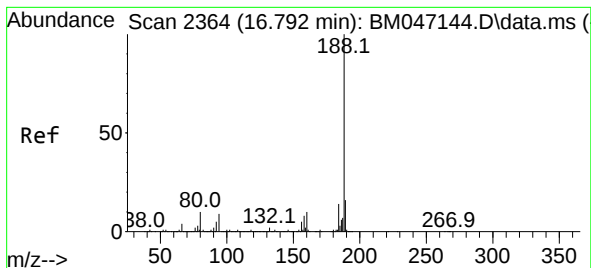
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.1 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: BM047212.D

Acq: 15 Aug 2024 12:51

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OU4-CF-10-080624

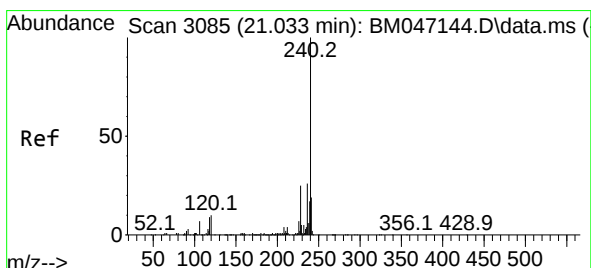
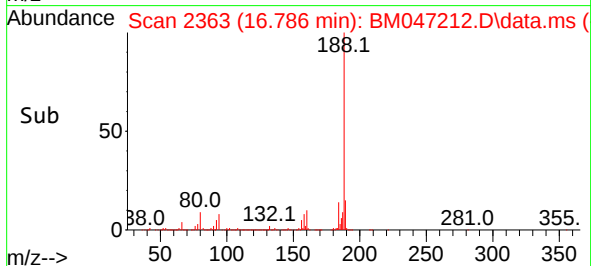
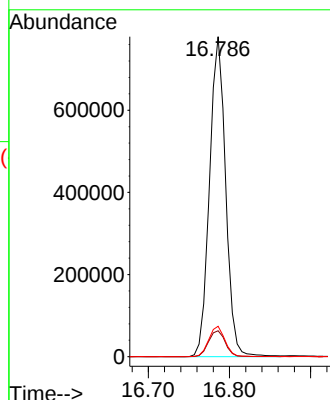
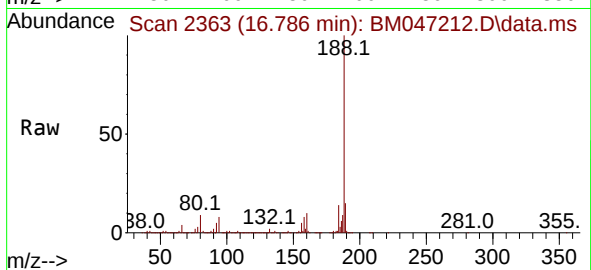
Tgt Ion:188 Resp: 1073530

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.5 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: BM047212.D

Acq: 15 Aug 2024 12:51

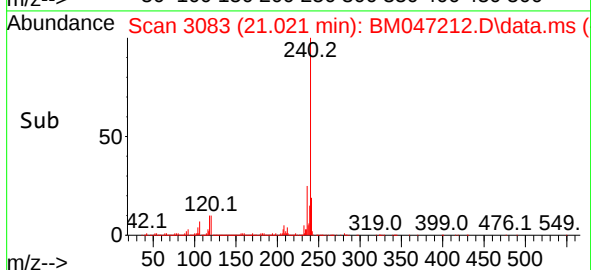
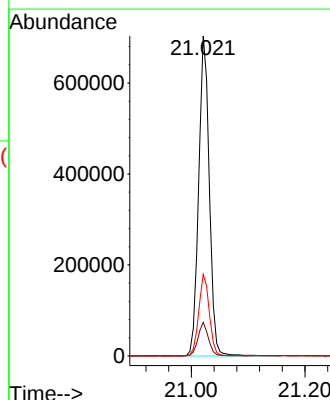
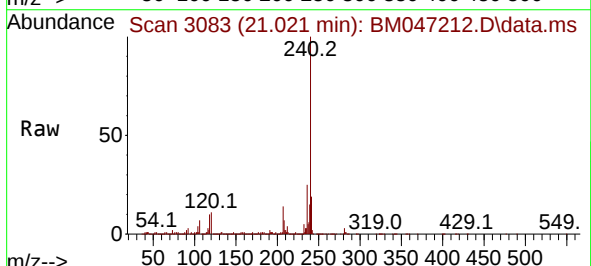
Tgt Ion:240 Resp: 917698

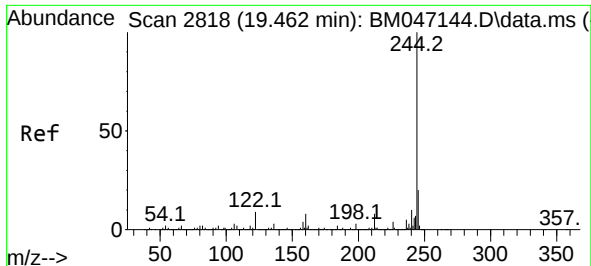
Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 25.5 20.6 30.8

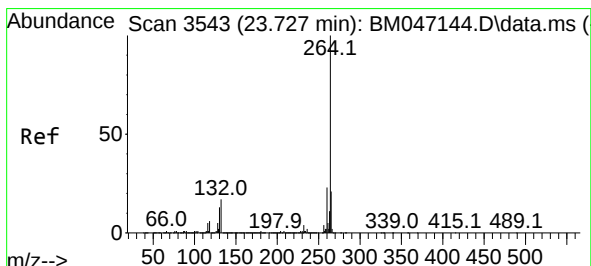
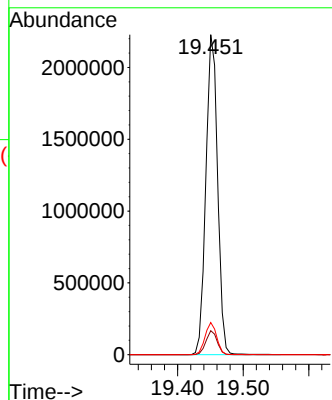
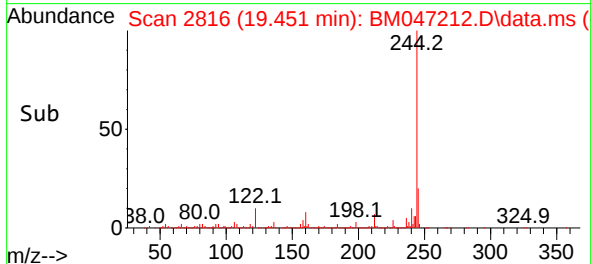
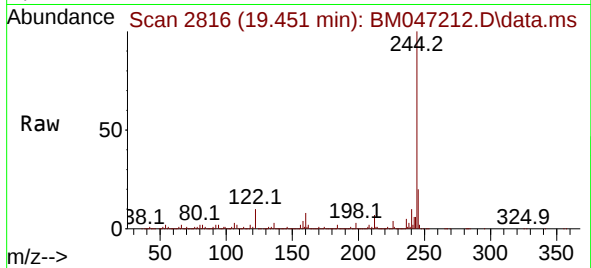




#79
 Terphenyl-d14
 Concen: 64.763 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047212.D
 Acq: 15 Aug 2024 12:51

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 OU4-CF-10-080624

Tgt Ion:244 Resp: 2773673
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.012 min
 Lab File: BM047212.D
 Acq: 15 Aug 2024 12:51

Tgt Ion:264 Resp: 1028140
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 22.6 17.3 25.9

