

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047217.D
 Acq On : 15 Aug 2024 16:11
 Operator : RC/JU
 Sample : P3518-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-01-080724

Quant Time: Aug 15 17:19:32 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)

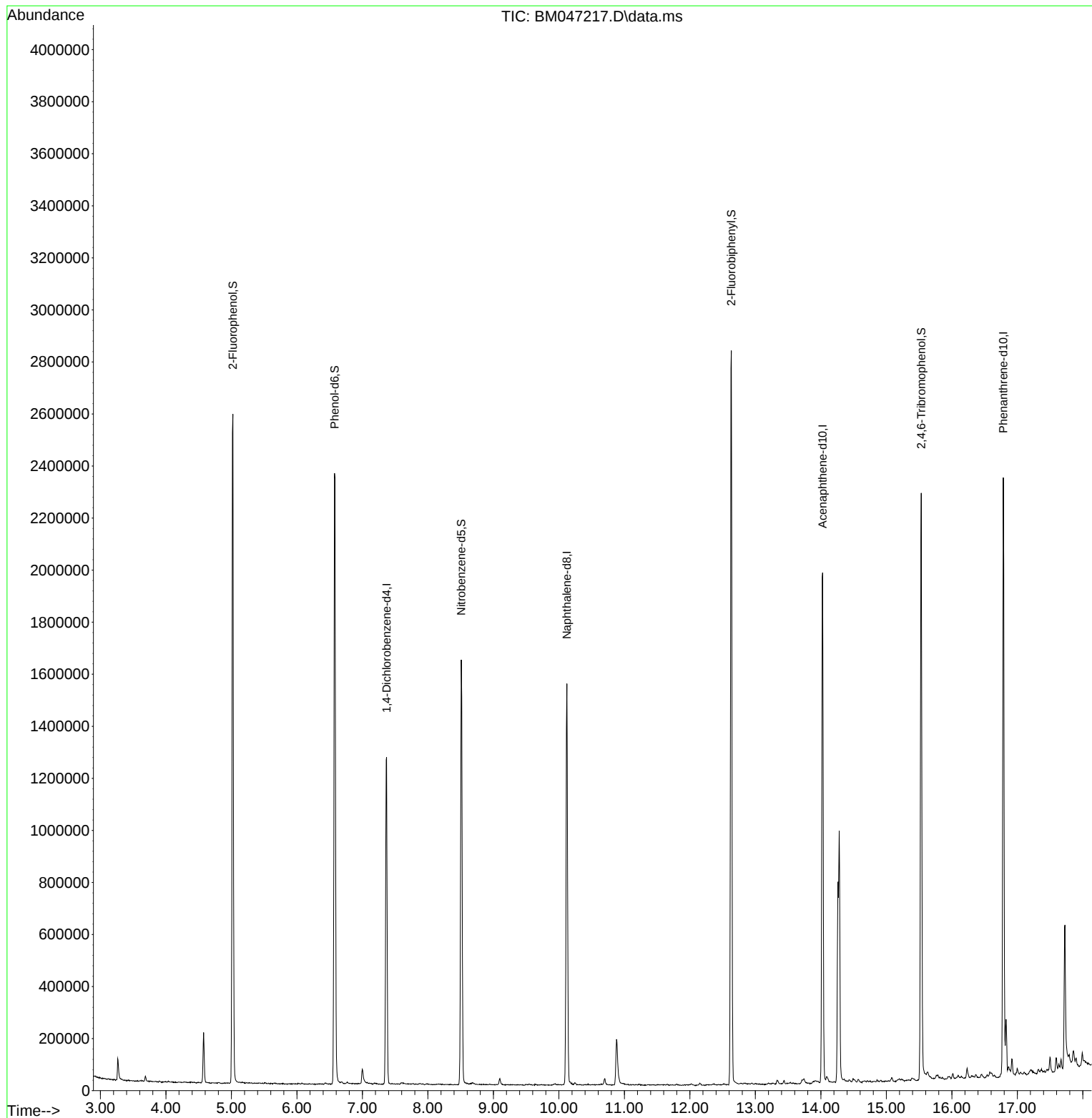
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	349578	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1238795	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	719294	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1318431	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1075148	20.000	ng	0.00
86) Perylene-d12	23.721	264	1234505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1074735	54.934	ng	0.00
7) Phenol-d6	6.575	99	1363076	50.564	ng	-0.01
23) Nitrobenzene-d5	8.510	82	937787	38.118	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	413459	49.573	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1512137	32.428	ng	-0.01
79) Terphenyl-d14	19.450	244	1499014	29.875	ng	-0.01
Target Compounds						
75) Fluoranthene	18.862	202	194554	2.417	ng	99
78) Pyrene	19.227	202	190026	2.475	ng	98

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

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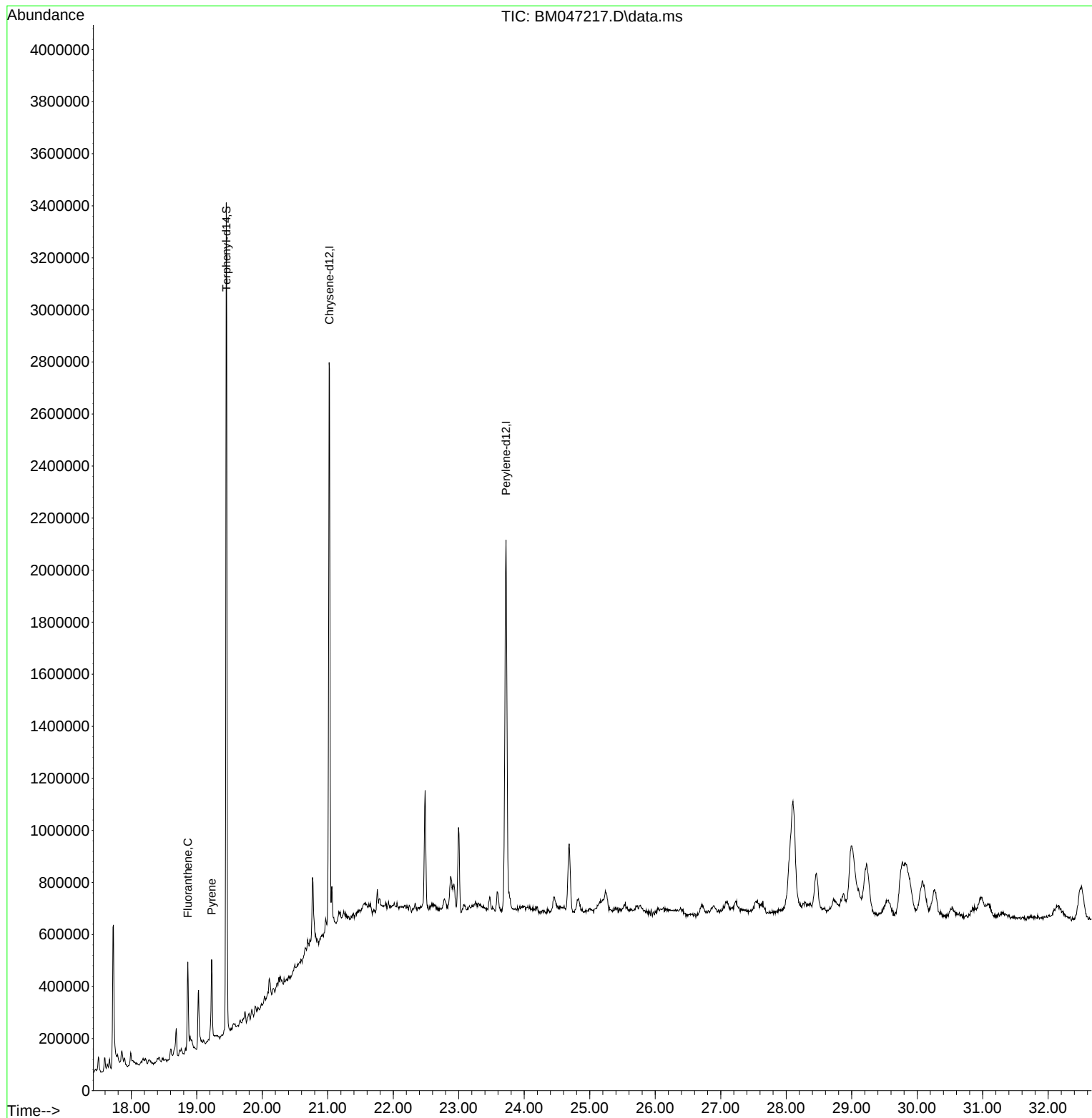
Quant Time: Aug 15 17:19:32 2024
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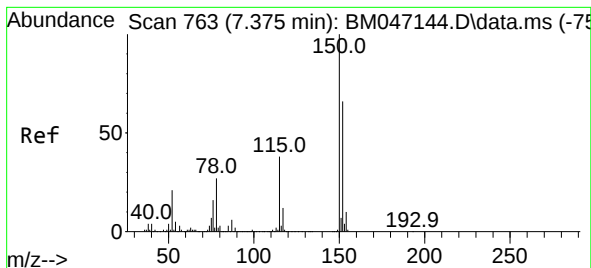


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.369 min Scan# 7

Delta R.T. -0.006 min

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Instrument :

BNA_M

ClientSampleId :

OU4-TS-01-080724

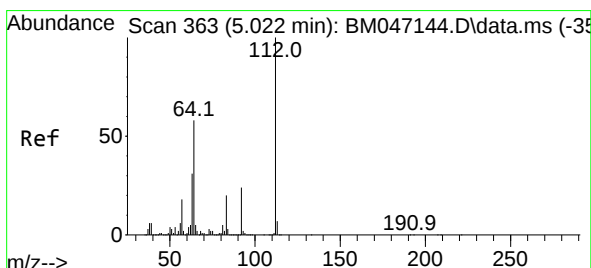
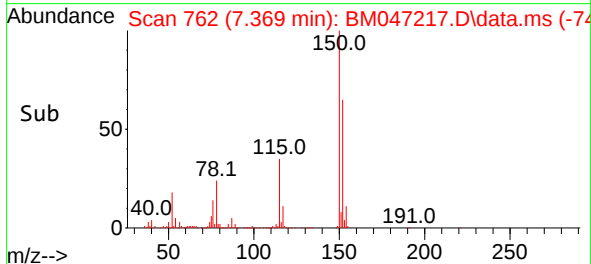
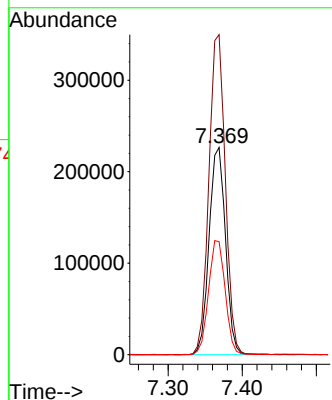
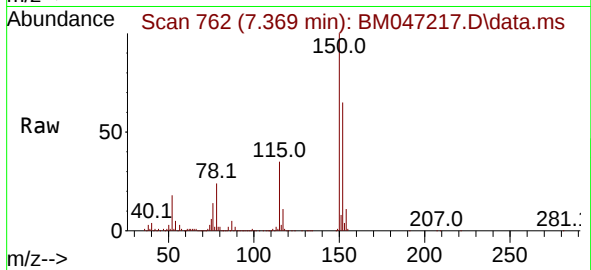
Tgt Ion:152 Resp: 349578

Ion Ratio Lower Upper

152 100

150 154.5 120.5 180.7

115 54.5 45.5 68.3



#5

2-Fluorophenol

Concen: 54.934 ng

RT: 5.022 min Scan# 363

Delta R.T. -0.000 min

Lab File: BM047217.D

Acq: 15 Aug 2024 16:11

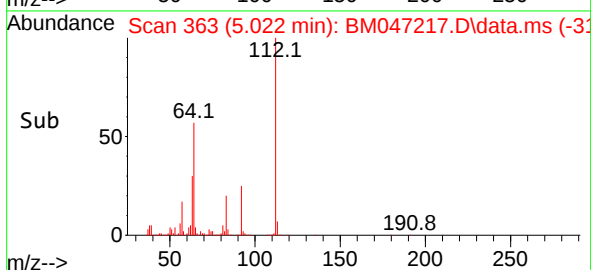
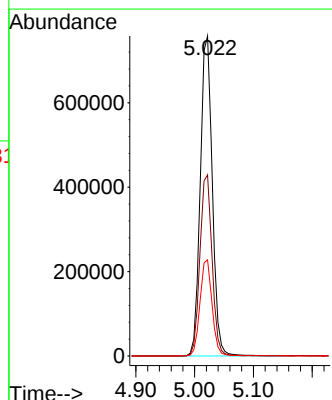
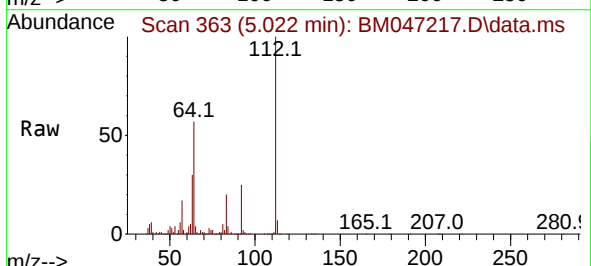
Tgt Ion:112 Resp: 1074735

Ion Ratio Lower Upper

112 100

64 56.6 46.7 70.1

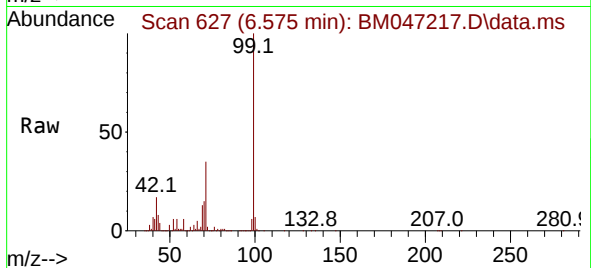
63 30.0 24.8 37.2





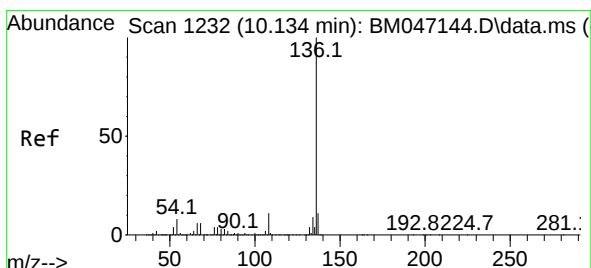
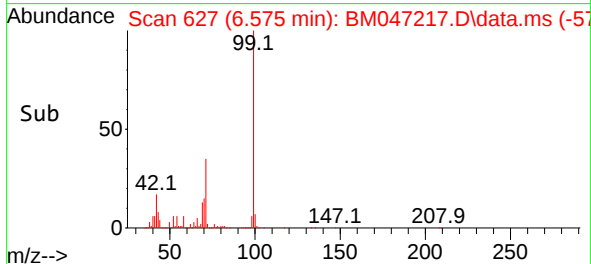
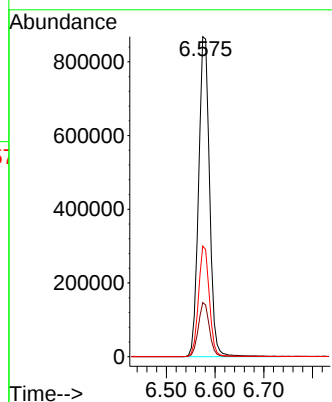
#7
Phenol-d6
Concen: 50.564 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

Instrument :
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ClientSampleId :
OU4-TS-01-080724



Tgt Ion: 99 Resp: 1363076

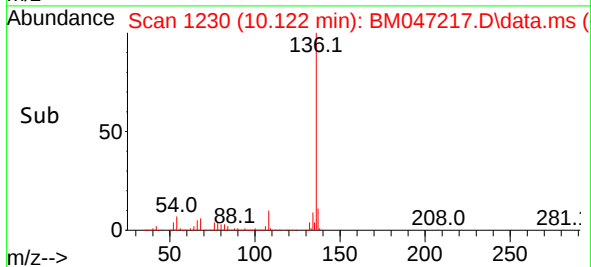
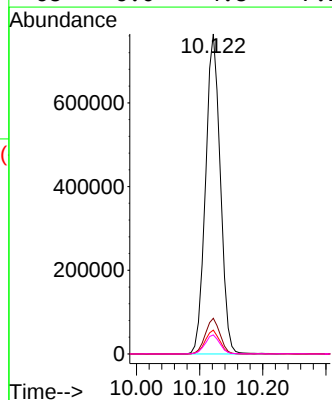
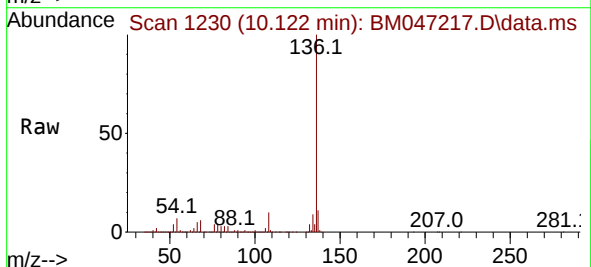
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	34.5	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

Tgt Ion: 136 Resp: 1238795

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.4	6.0	9.0
68	6.0	4.8	7.2

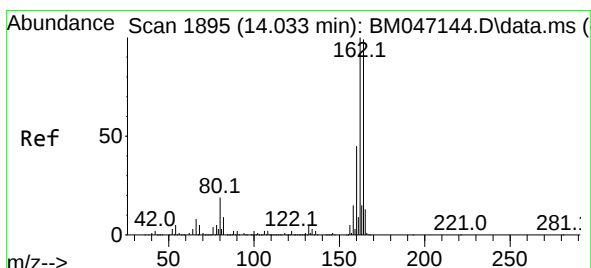
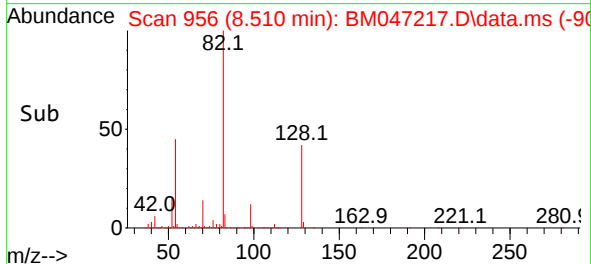
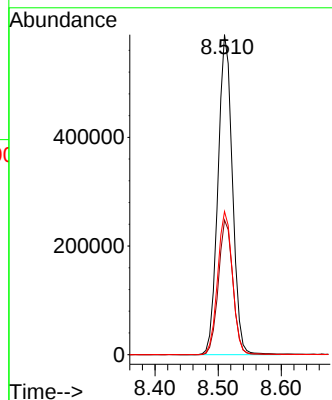
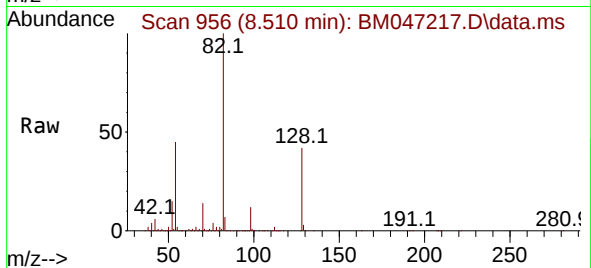




#23
Nitrobenzene-d5
Concen: 38.118 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

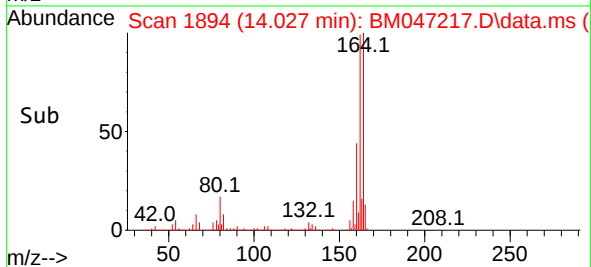
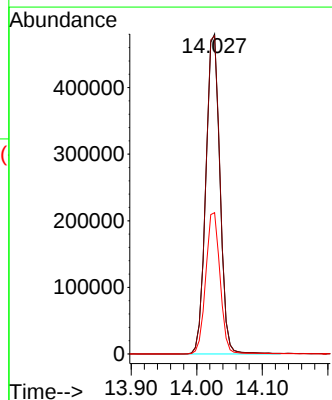
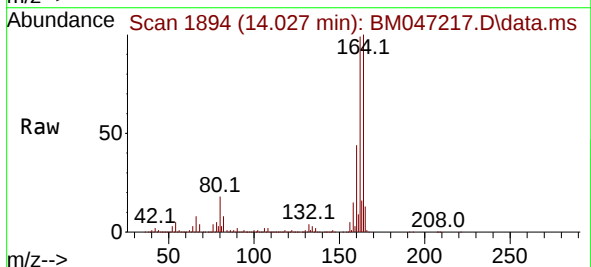
Instrument :
BNA_M
ClientSampleId :
OU4-TS-01-080724

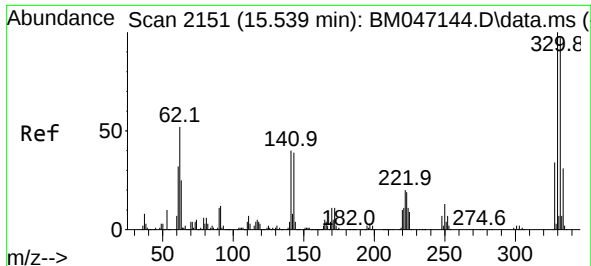
Tgt Ion: 82 Resp: 937787
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 44.8 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

Tgt Ion: 164 Resp: 719294
Ion Ratio Lower Upper
164 100
162 99.4 80.7 121.1
160 44.1 36.0 54.0

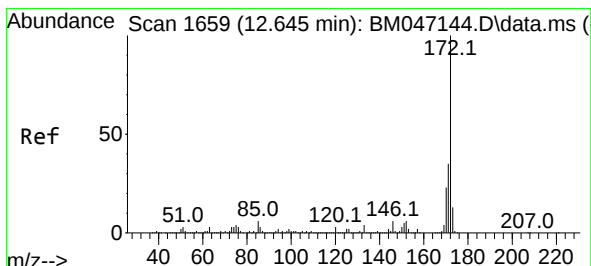
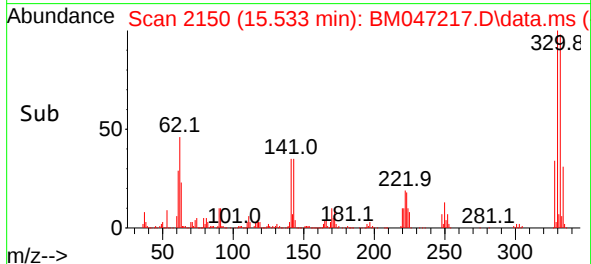
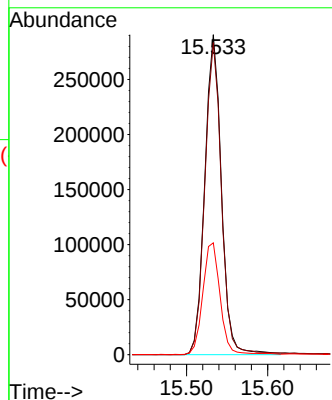
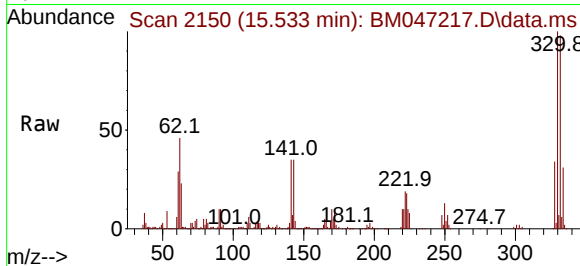




#42
2,4,6-Tribromophenol
Concen: 49.573 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

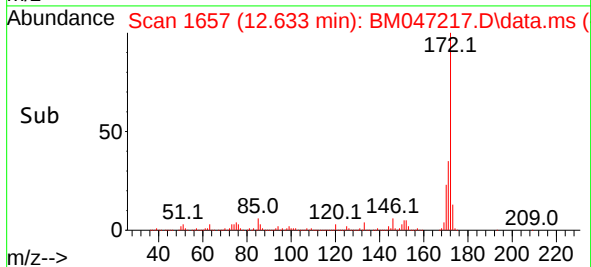
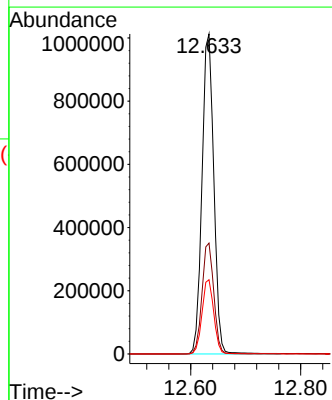
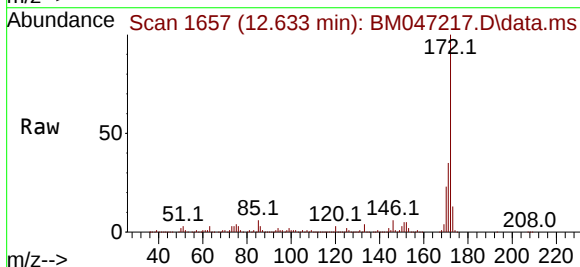
Instrument :
BNA_M
ClientSampleId :
OU4-TS-01-080724

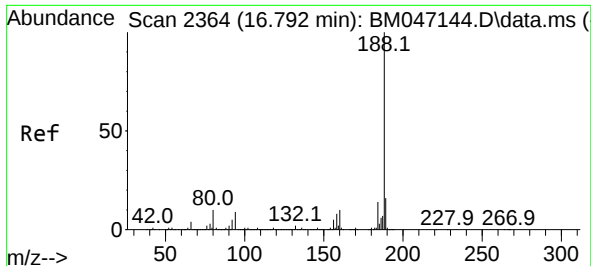
Tgt Ion:330 Resp: 413459
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.2
141 36.6 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 32.428 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

Tgt Ion:172 Resp: 1512137
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.7 28.1

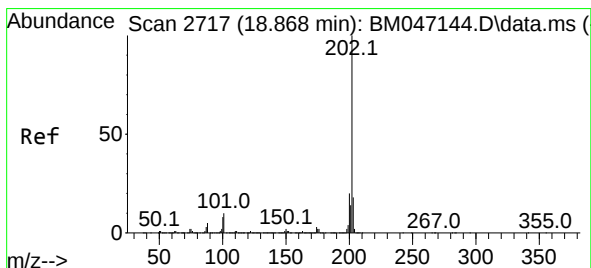
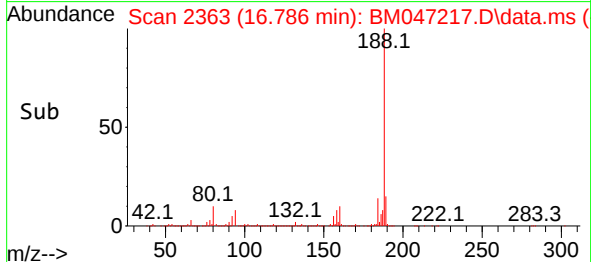
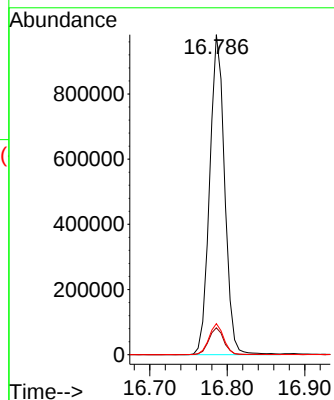
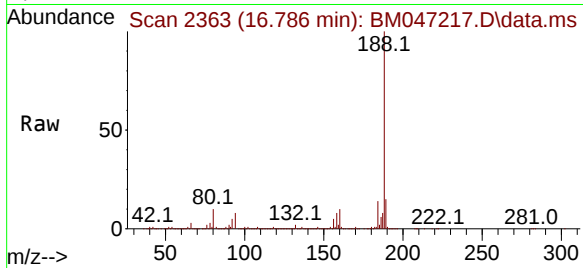




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

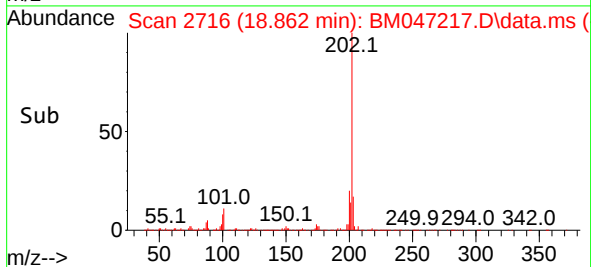
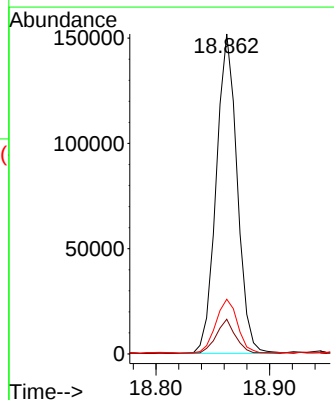
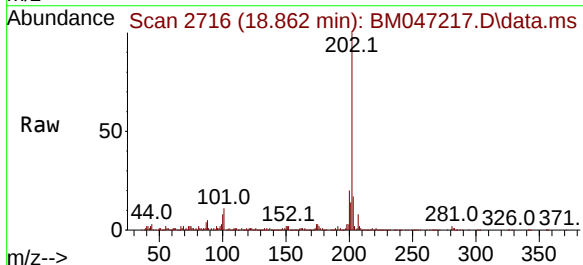
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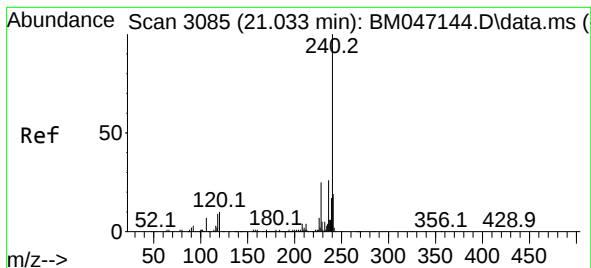
Tgt Ion:188 Resp: 1318431
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.7 8.0 12.0



#75
Fluoranthene
Concen: 2.417 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047217.D
Acq: 15 Aug 2024 16:11

Tgt Ion:202 Resp: 194554
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.2
203 17.1 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047217.D

Acq: 15 Aug 2024 16:11

Instrument :

BNA_M

ClientSampleId :

OU4-TS-01-080724

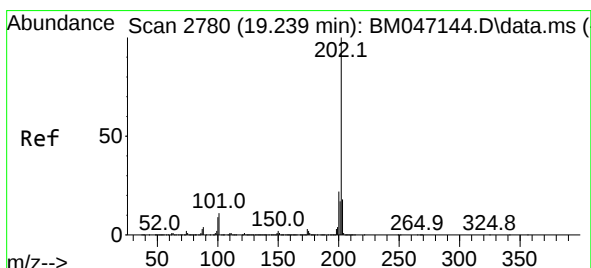
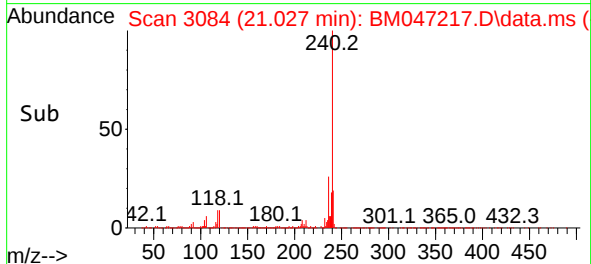
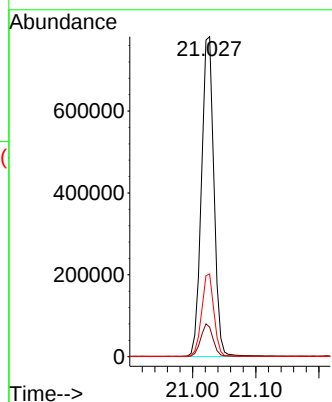
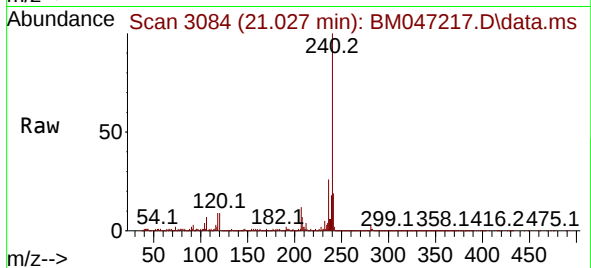
Tgt Ion:240 Resp: 1075148

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

236 25.8 20.6 30.8



#78

Pyrene

Concen: 2.475 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047217.D

Acq: 15 Aug 2024 16:11

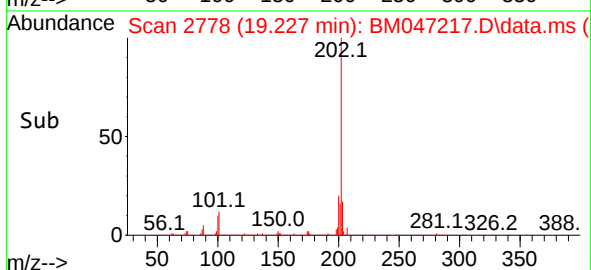
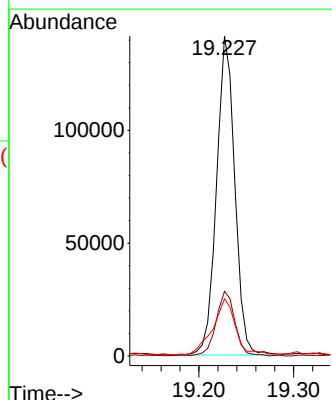
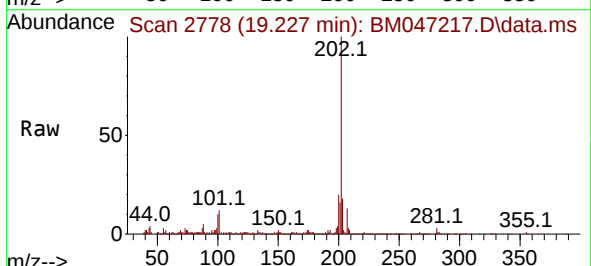
Tgt Ion:202 Resp: 190026

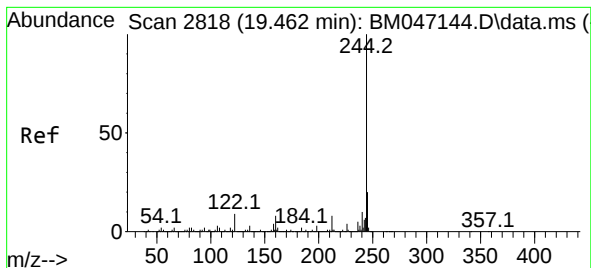
Ion Ratio Lower Upper

202 100

200 20.2 17.2 25.8

203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 29.875 ng

RT: 19.450 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047217.D

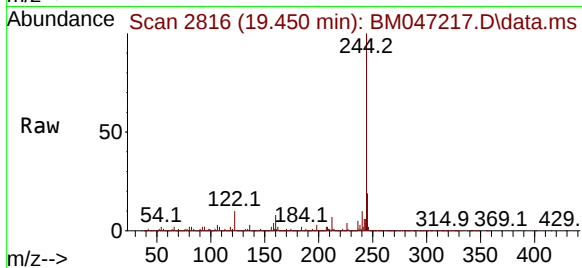
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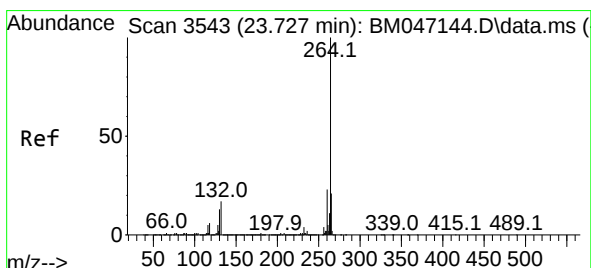
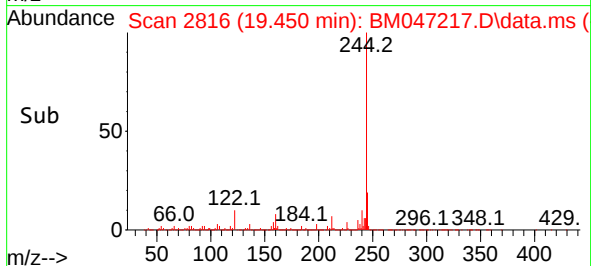
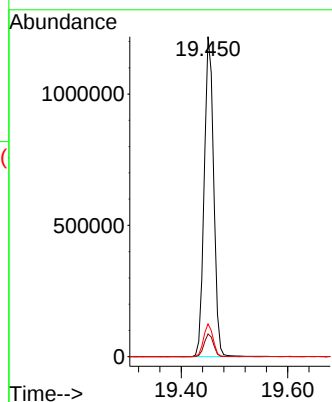
Tgt Ion:244 Resp: 1499014

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 10.2 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: BM047217.D

Acq: 15 Aug 2024 16:11

Tgt Ion:264 Resp: 1234505

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.8 17.3 25.9

