

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047386.D
 Acq On : 28 Aug 2024 18:26
 Operator : RC/JU
 Sample : P3748-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-082624

Quant Time: Aug 29 03:03:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

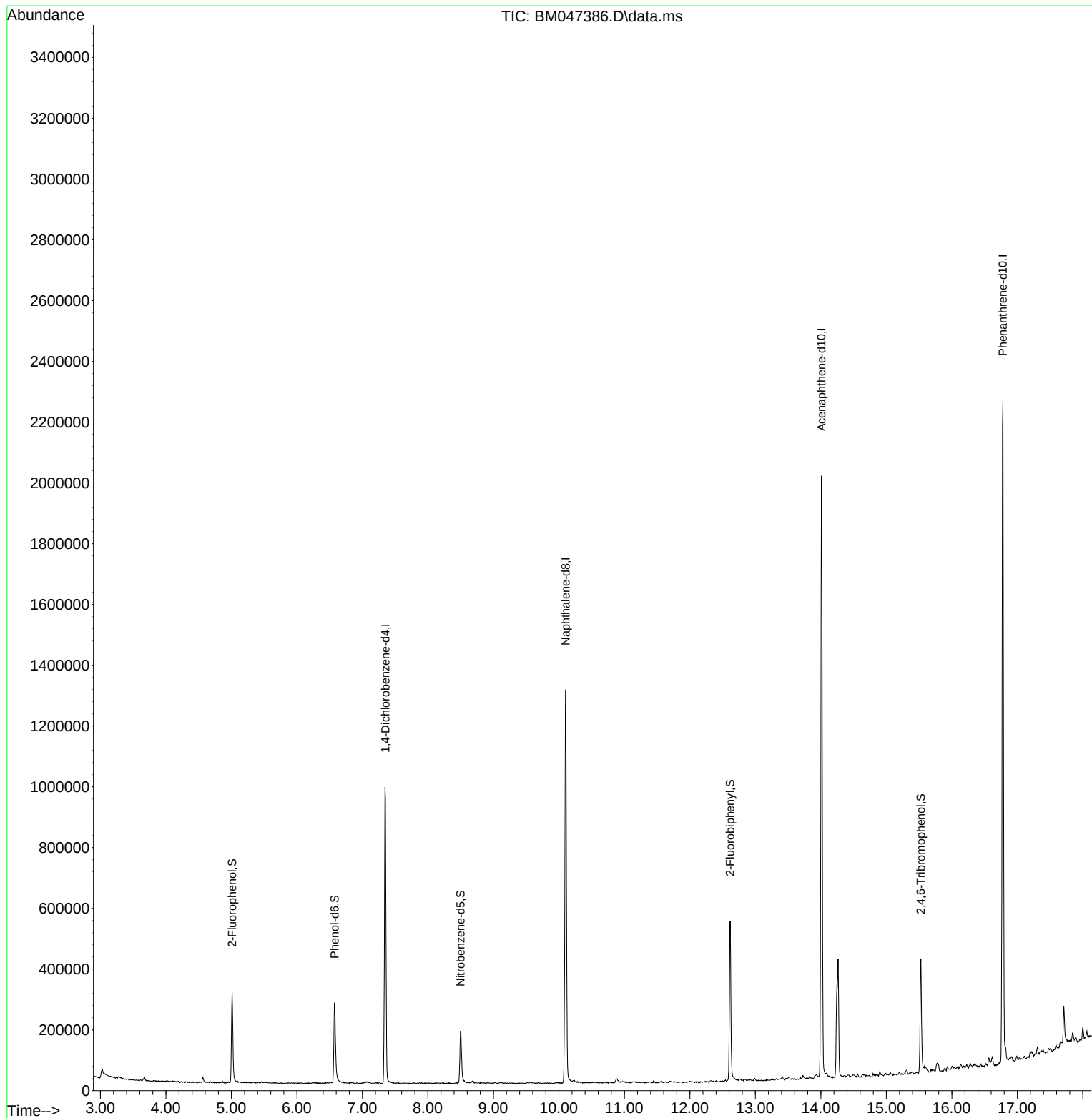
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	286704	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1101936	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	726428	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1359620	20.000	ng	0.00
76) Chrysene-d12	21.021	240	893589	20.000	ng	0.00
86) Perylene-d12	23.727	264	997229	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	143397	9.596	ng	0.00
7) Phenol-d6	6.575	99	186908	9.181	ng	0.00
23) Nitrobenzene-d5	8.498	82	117793	5.931	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	76663	8.747	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	311734	6.594	ng	0.00
79) Terphenyl-d14	19.445	244	349838	6.968	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	22.880	252	124637	2.142	ng	Qvalue # 62

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

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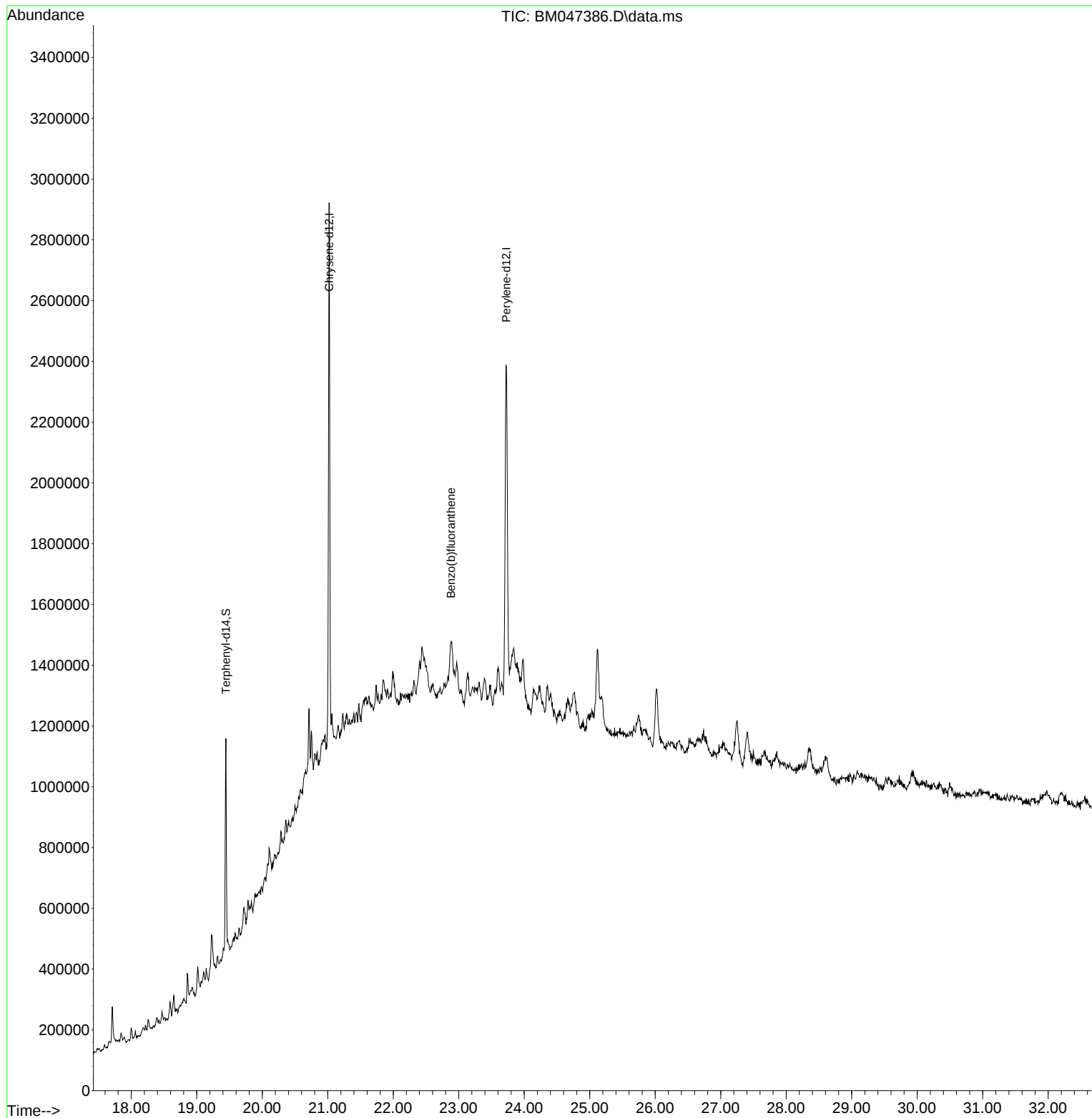
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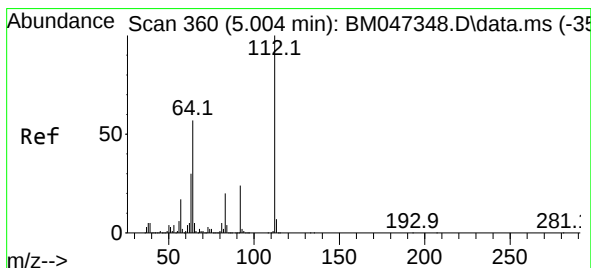
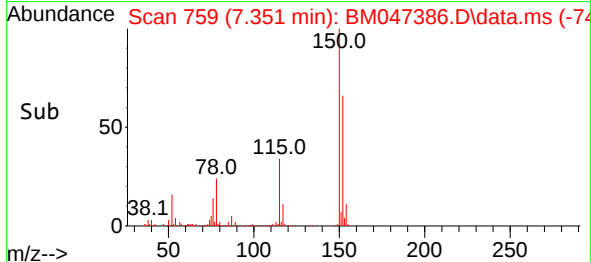
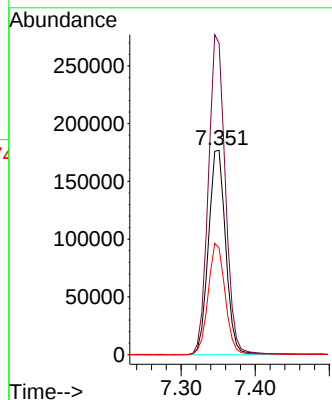
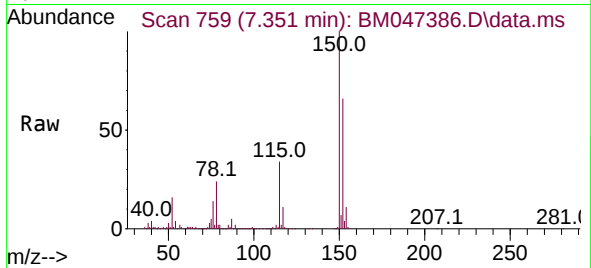




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

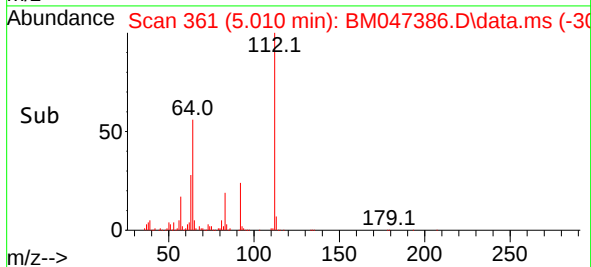
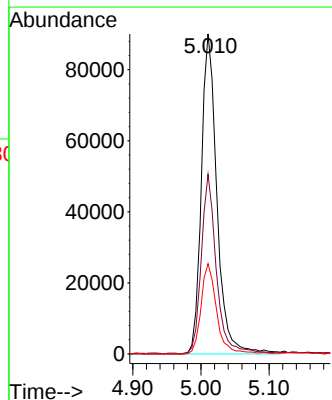
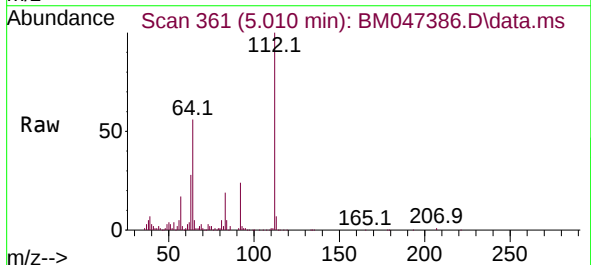
Instrument :
BNA_M
ClientSampleId :
OK-02-082624

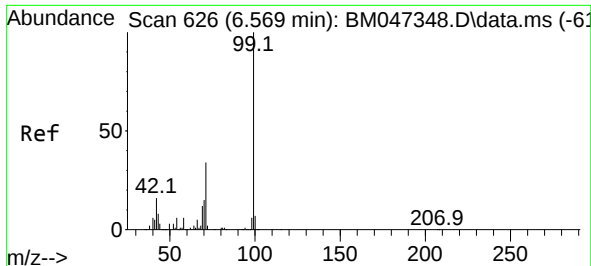
Tgt Ion:152 Resp: 286704
Ion Ratio Lower Upper
152 100
150 152.4 121.3 181.9
115 52.1 42.6 64.0



#5
2-Fluorophenol
Concen: 9.596 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

Tgt Ion:112 Resp: 143397
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 28.2 23.8 35.8

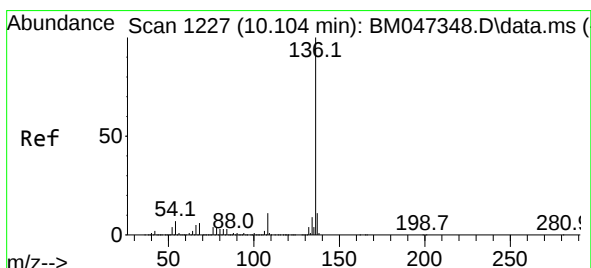
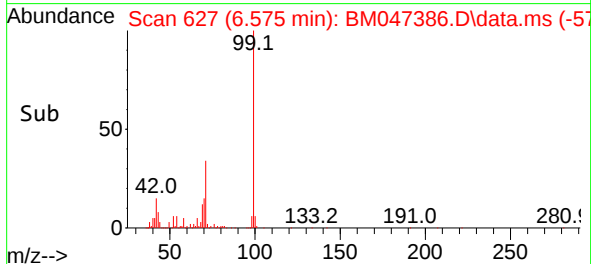
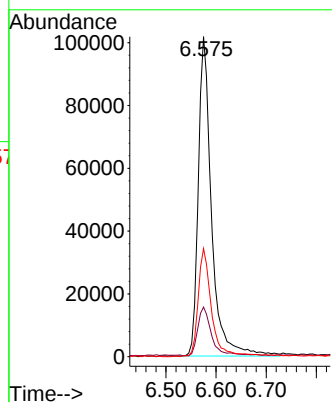
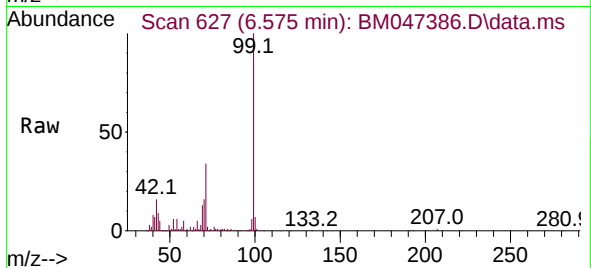




#7
Phenol-d6
Concen: 9.181 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

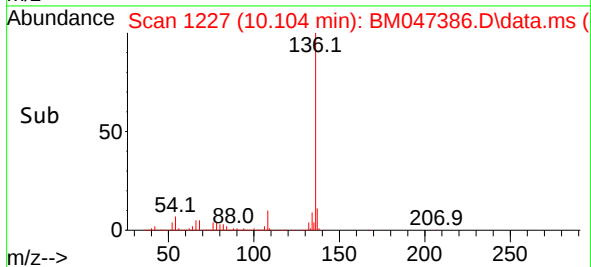
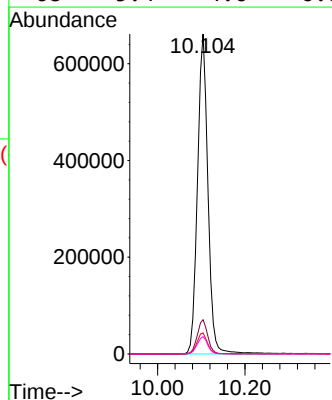
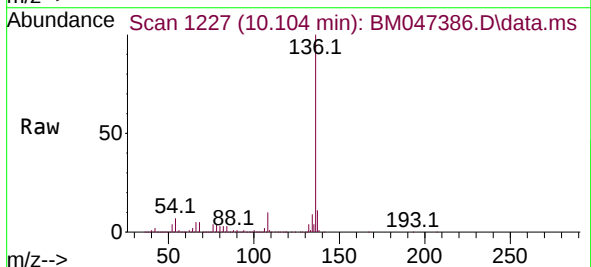
Instrument :
BNA_M
ClientSampleId :
OK-02-082624

Tgt Ion: 99 Resp: 186908
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 33.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

Tgt Ion: 136 Resp: 1101936
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.2 7.8
68 5.4 4.6 6.8

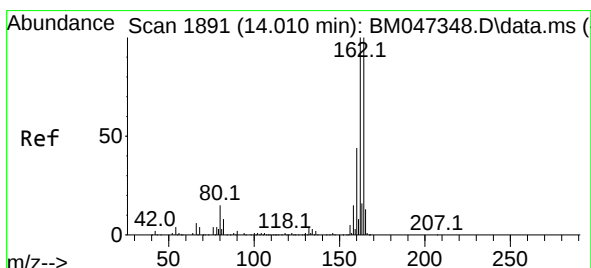
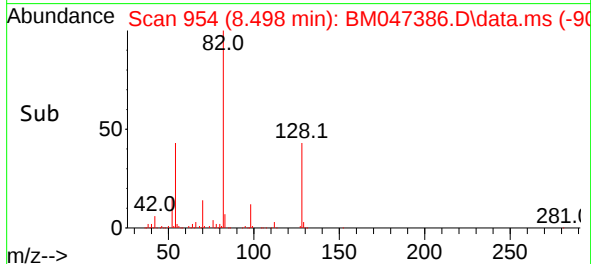
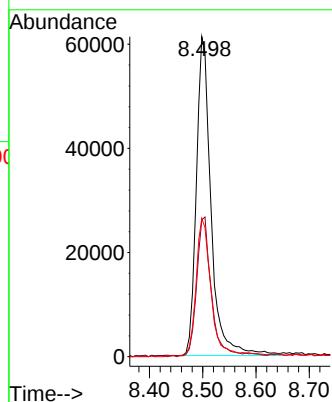
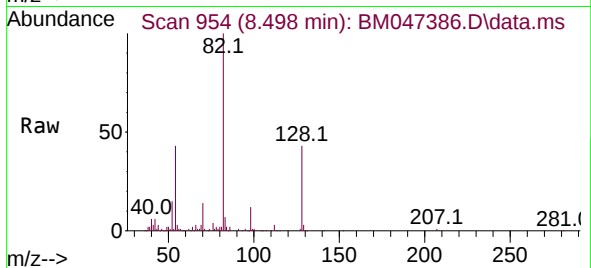




#23
Nitrobenzene-d5
Concen: 5.931 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

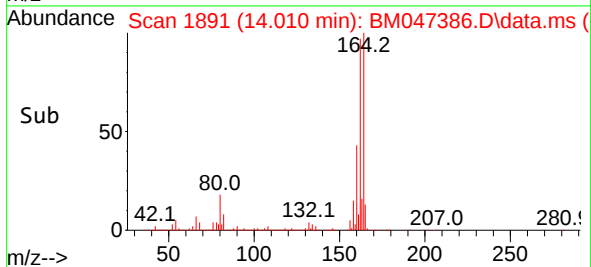
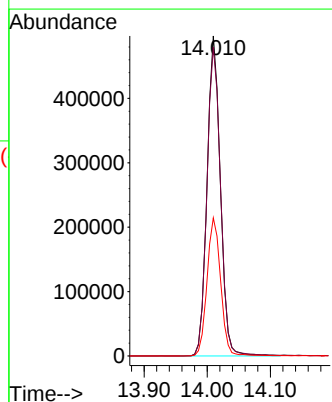
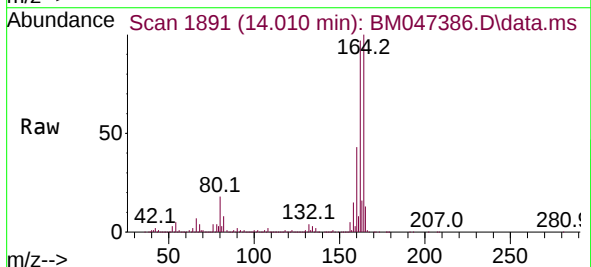
Instrument :
BNA_M
ClientSampleId :
OK-02-082624

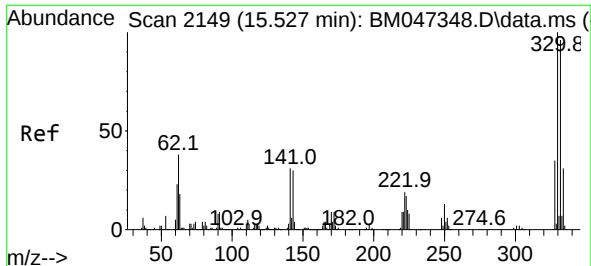
Tgt Ion: 82 Resp: 117793
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 43.2 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

Tgt Ion: 164 Resp: 726428
Ion Ratio Lower Upper
164 100
162 96.5 79.7 119.5
160 43.2 34.9 52.3

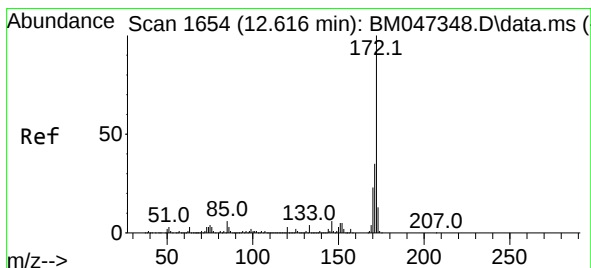
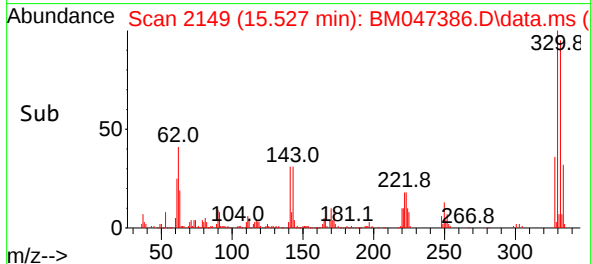
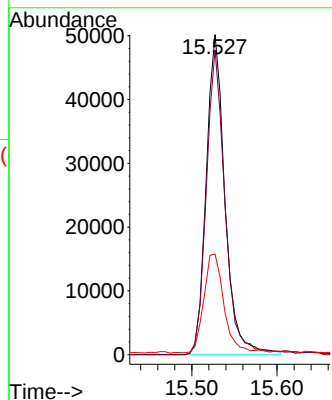
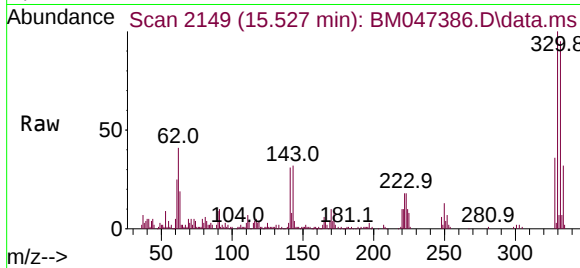




#42
2,4,6-Tribromophenol
Concen: 8.747 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

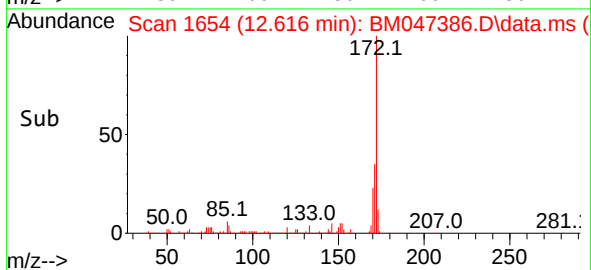
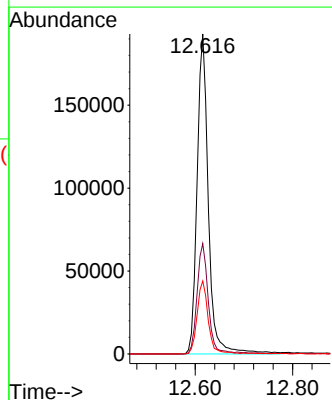
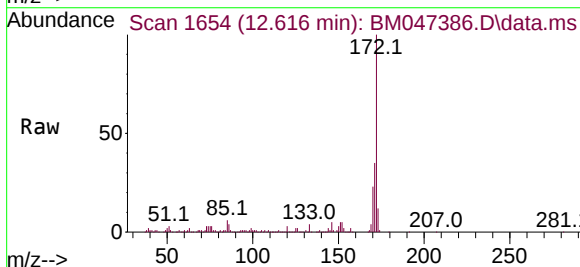
Instrument :
BNA_M
ClientSampleId :
OK-02-082624

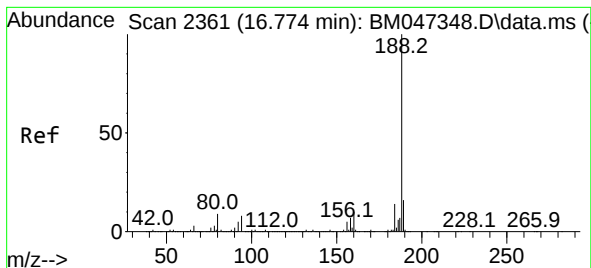
Tgt Ion:330 Resp: 76663
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 33.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 6.594 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

Tgt Ion:172 Resp: 311734
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.8 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047386.D

Acq: 28 Aug 2024 18:26

Instrument :

BNA_M

ClientSampleId :

OK-02-082624

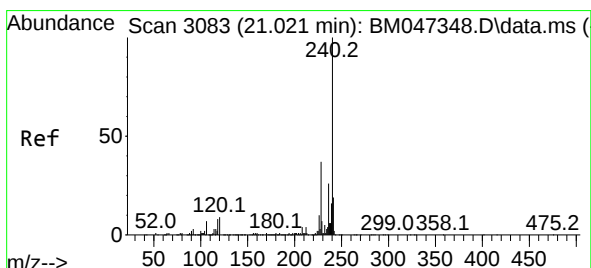
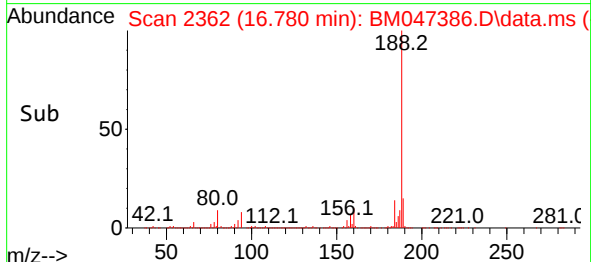
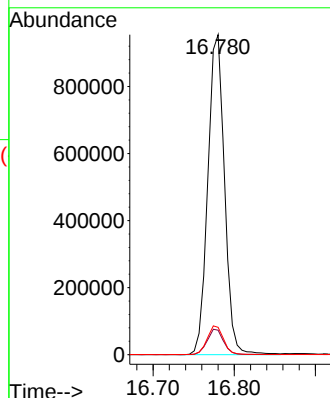
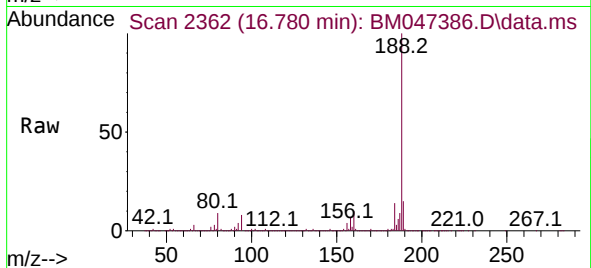
Tgt Ion:188 Resp: 1359620

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.5 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM047386.D

Acq: 28 Aug 2024 18:26

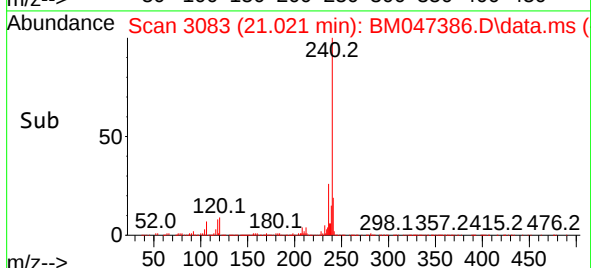
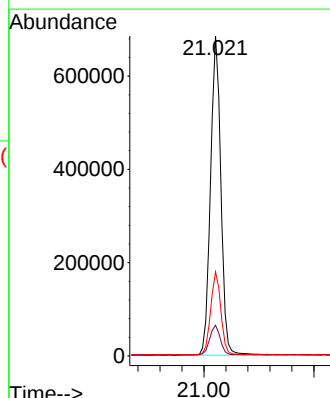
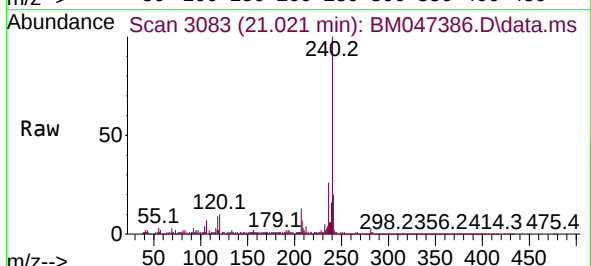
Tgt Ion:240 Resp: 893589

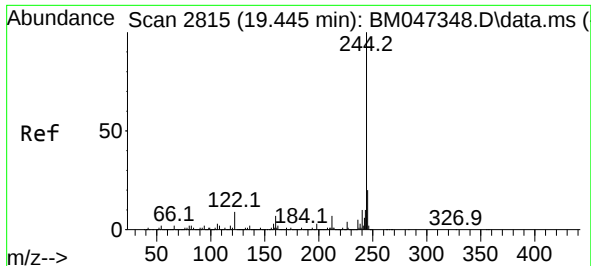
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 26.3 20.8 31.2

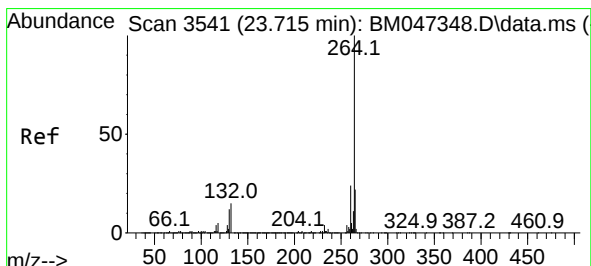
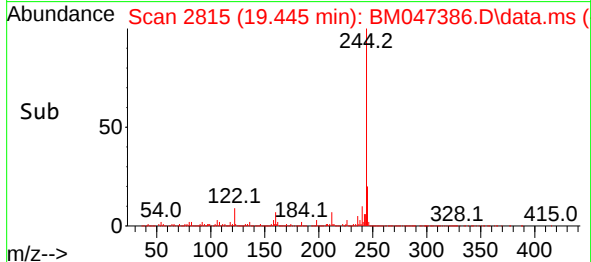
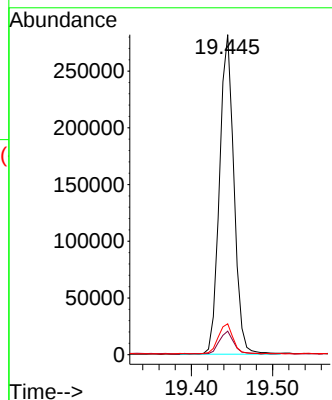
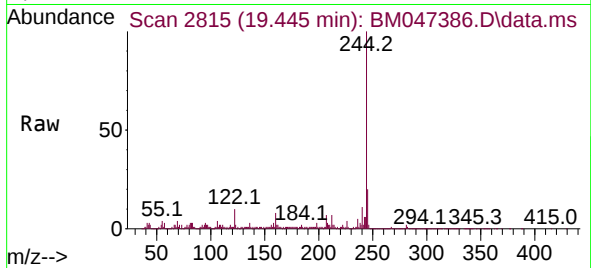




#79
 Terphenyl-d14
 Concen: 6.968 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047386.D
 Acq: 28 Aug 2024 18:26

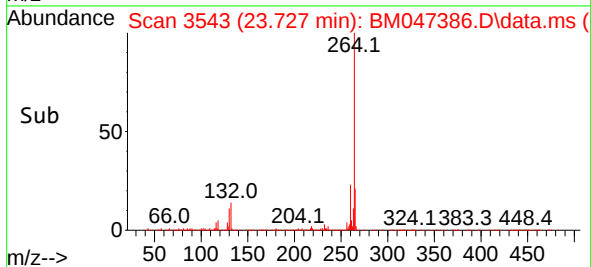
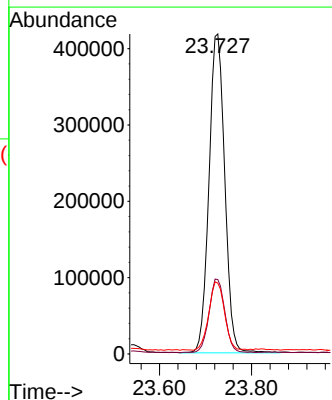
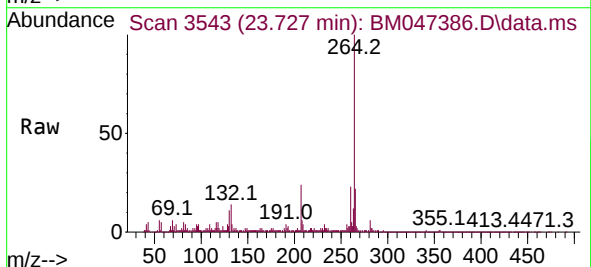
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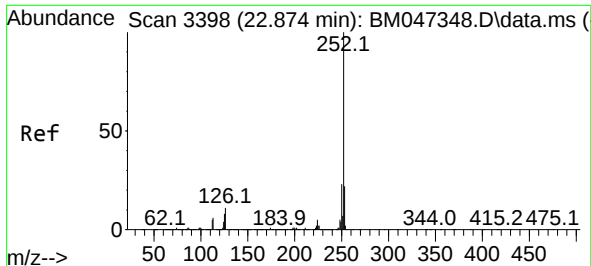
Tgt Ion:244 Resp: 349838
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. 0.012 min
 Lab File: BM047386.D
 Acq: 28 Aug 2024 18:26

Tgt Ion:264 Resp: 997229
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.1 17.8 26.6





#88
Benzo(b)fluoranthene
Concen: 2.142 ng
RT: 22.880 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM047386.D
Acq: 28 Aug 2024 18:26

Instrument :
BNA_M
ClientSampleId :
OK-02-082624

Tgt Ion:252 Resp: 124637
Ion Ratio Lower Upper
252 100
253 40.8 17.8 26.6#
125 20.6 6.6 10.0#

