

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
 Data File : BM047590.D
 Acq On : 20 Sep 2024 15:41
 Operator : RC/JU
 Sample : PB163138BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163138BL

Quant Time: Sep 21 03:24:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	324847	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1242967	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	608799	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1071432	20.000	ng	0.00
76) Chrysene-d12	21.433	240	717325	20.000	ng	0.00
86) Perylene-d12	24.462	264	713682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2705123	127.613	ng	0.00
7) Phenol-d6	7.010	99	3381697	121.073	ng	0.00
23) Nitrobenzene-d5	8.998	82	2062146	82.588	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	647407	114.843	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3724972	86.576	ng	0.00
79) Terphenyl-d14	19.827	244	4335586	108.448	ng	0.00

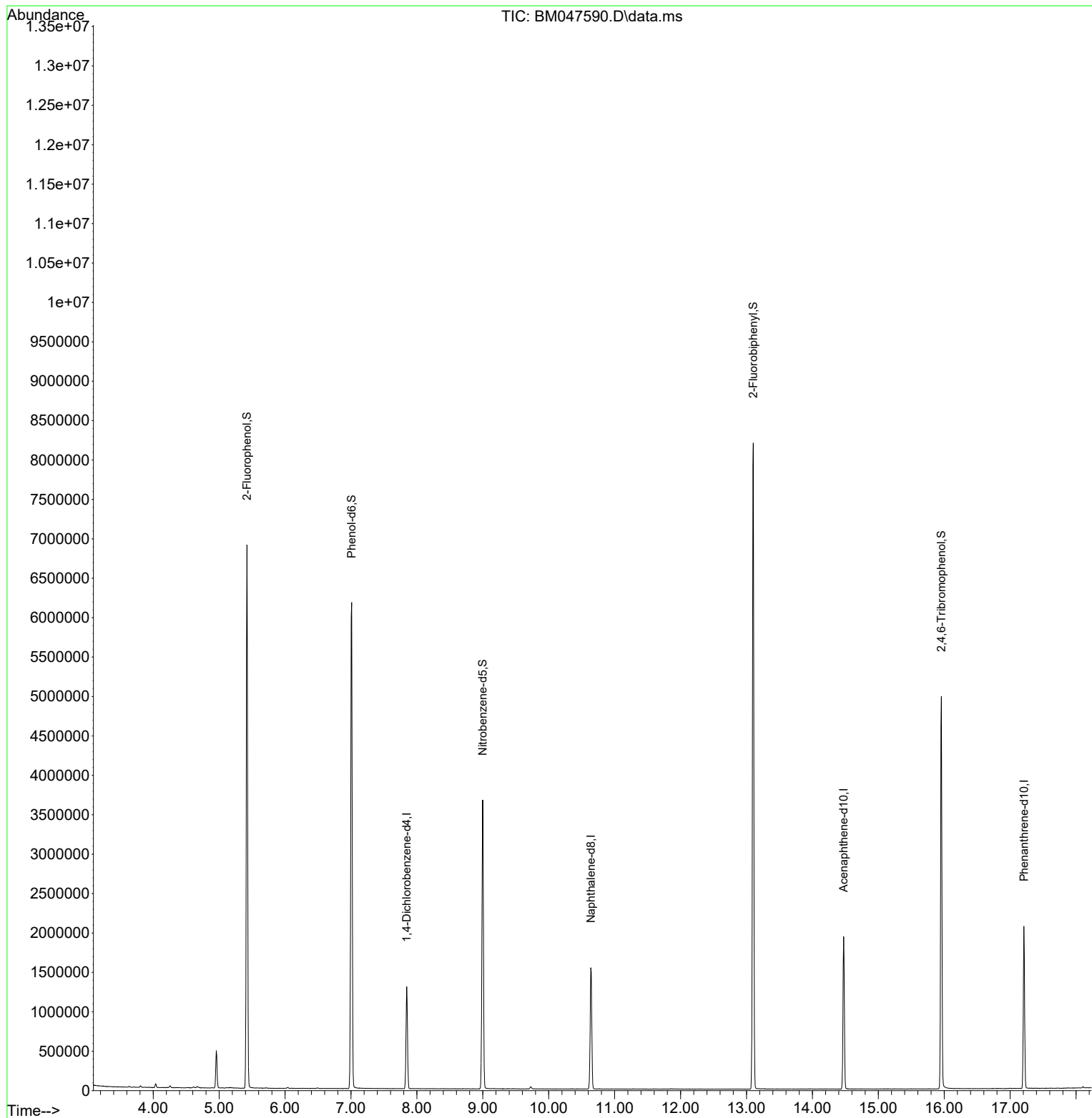
Target Compounds	Qvalue

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

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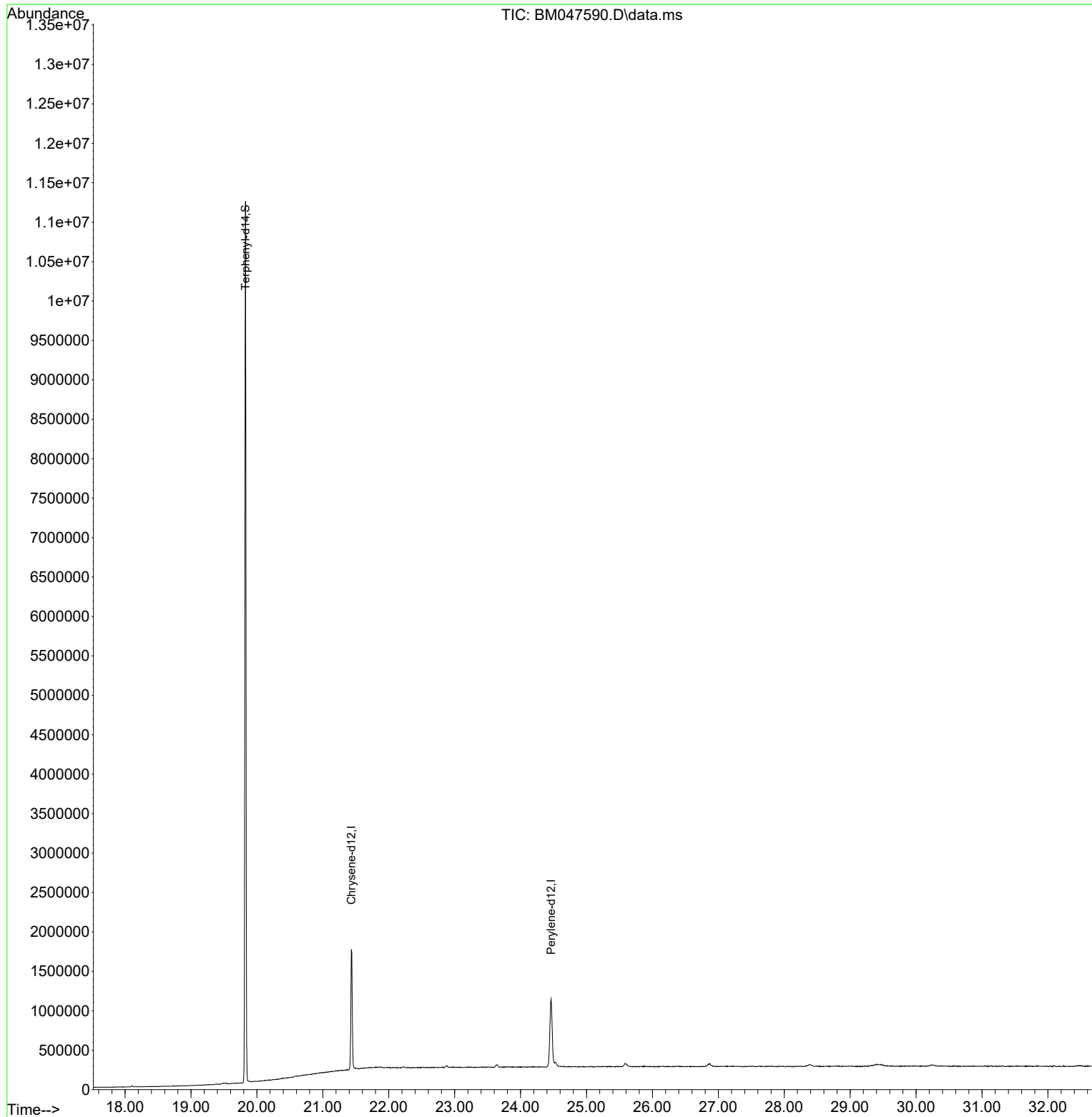
Quant Time: Sep 21 03:24:32 2024
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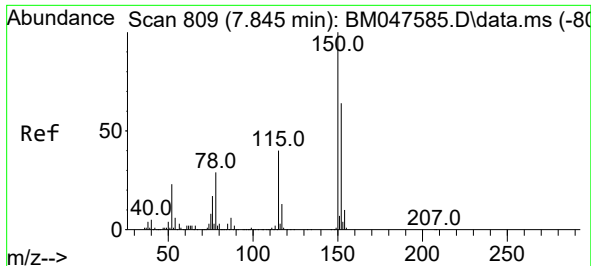


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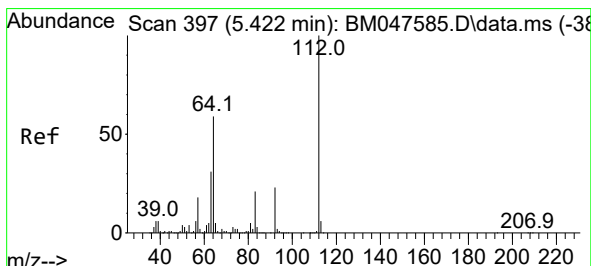
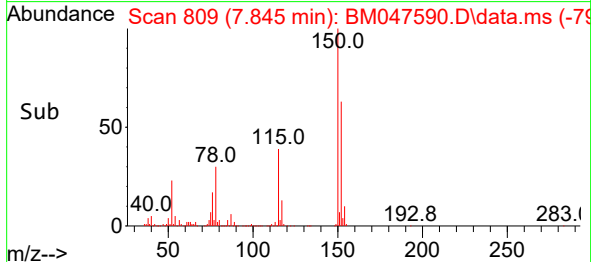
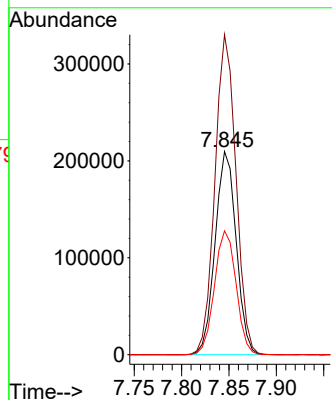
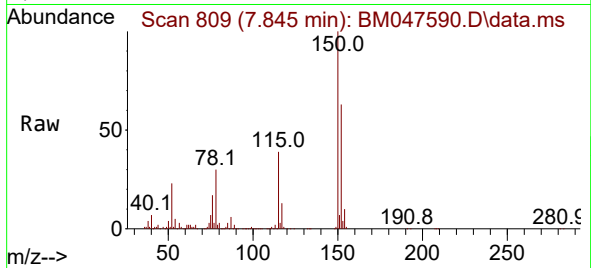




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

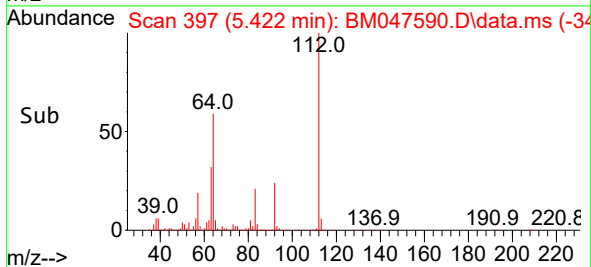
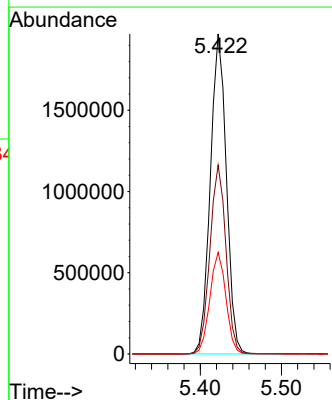
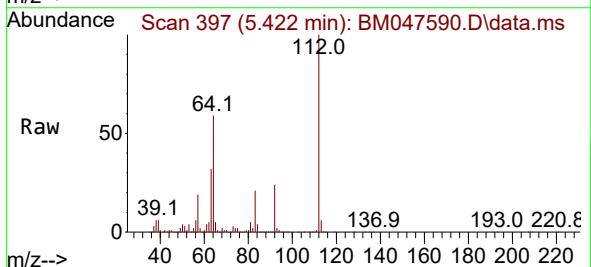
Instrument :
BNA_M
ClientSampleId :
PB163138BL

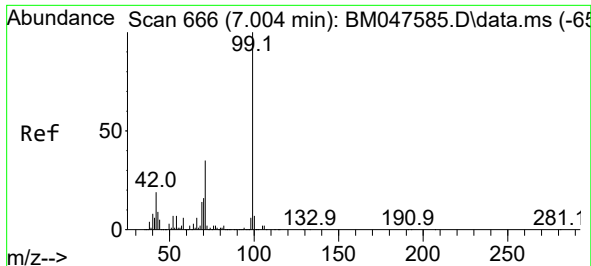
Tgt Ion:152 Resp: 324847
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 127.613 ng
RT: 5.422 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:112 Resp: 2705123
Ion Ratio Lower Upper
112 100
64 59.1 46.8 70.2
63 31.8 25.2 37.8

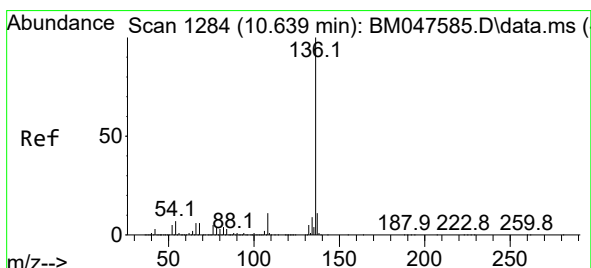
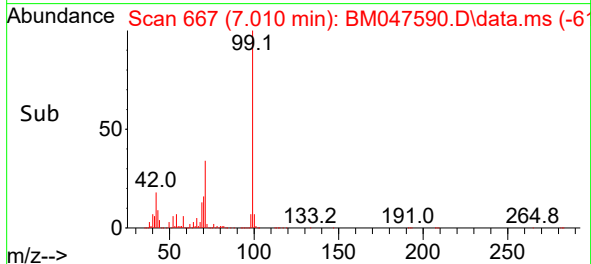
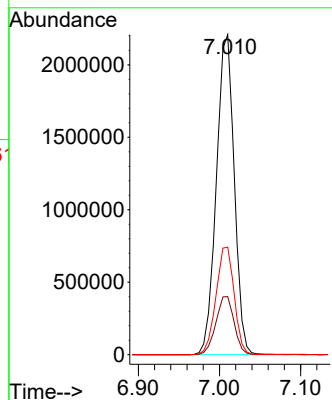
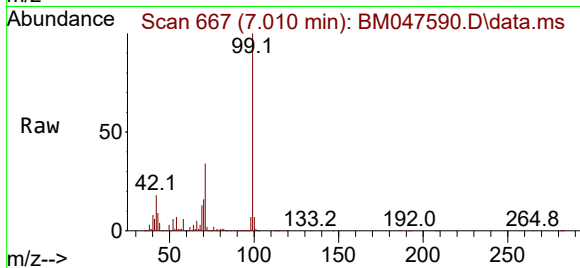




#7
Phenol-d6
Concen: 121.073 ng
RT: 7.010 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

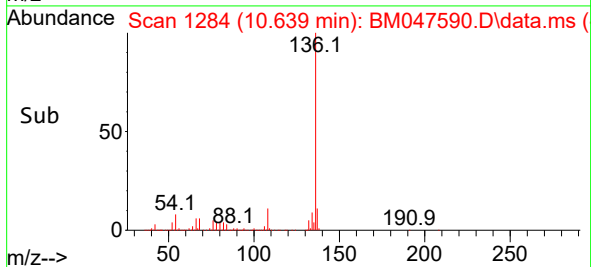
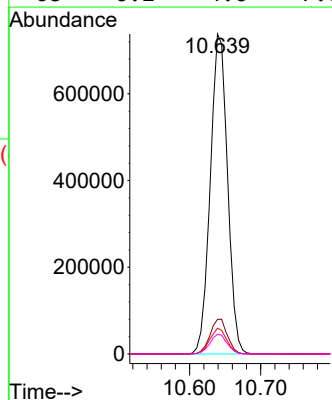
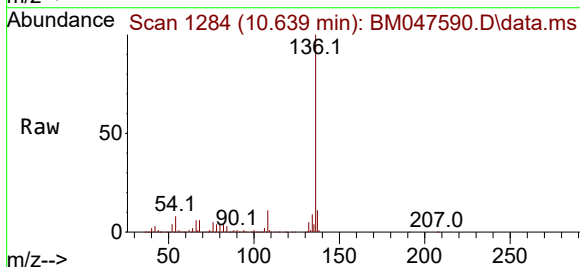
Instrument :
BNA_M
ClientSampleId :
PB163138BL

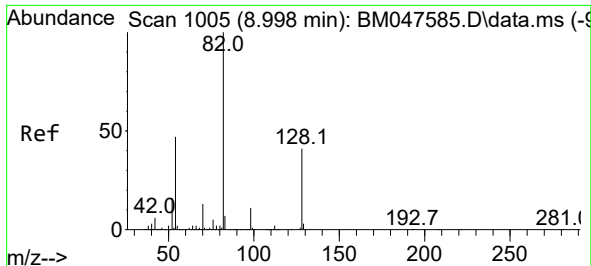
Tgt Ion: 99 Resp: 3381697
Ion Ratio Lower Upper
99 100
42 18.1 15.3 22.9
71 33.6 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:136 Resp: 1242967
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 6.0 9.0
68 6.2 4.6 7.0

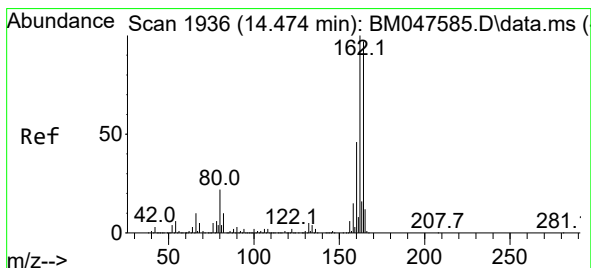
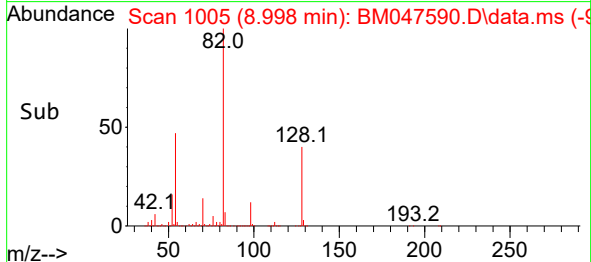
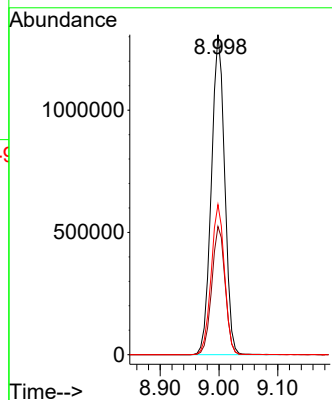
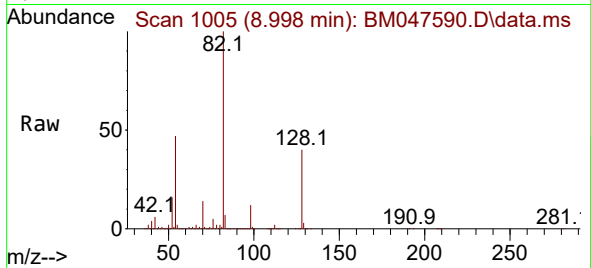




#23
Nitrobenzene-d5
Concen: 82.588 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

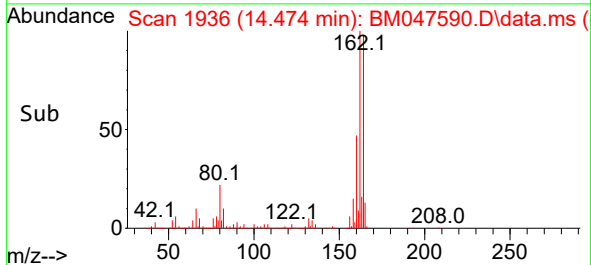
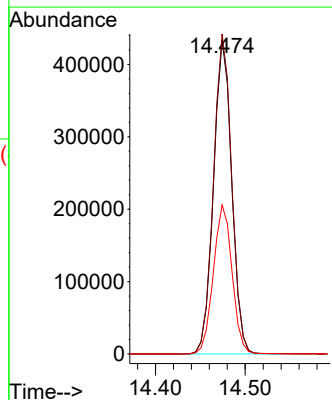
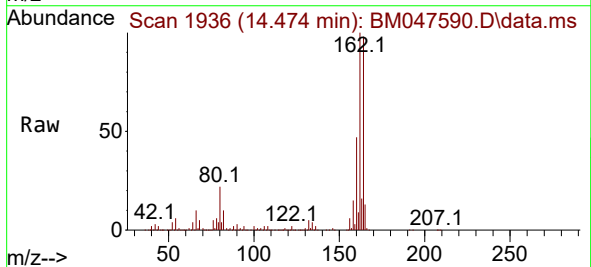
Instrument :
BNA_M
ClientSampleId :
PB163138BL

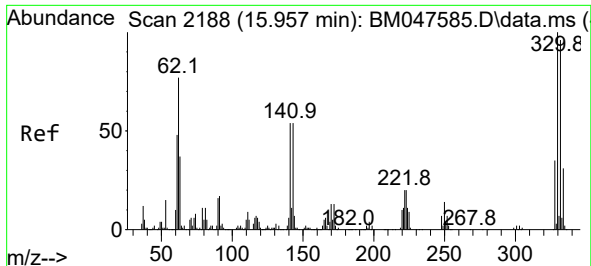
Tgt Ion: 82 Resp: 2062146
Ion Ratio Lower Upper
82 100
128 40.1 32.5 48.7
54 46.9 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:164 Resp: 608799
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 47.5 37.8 56.6

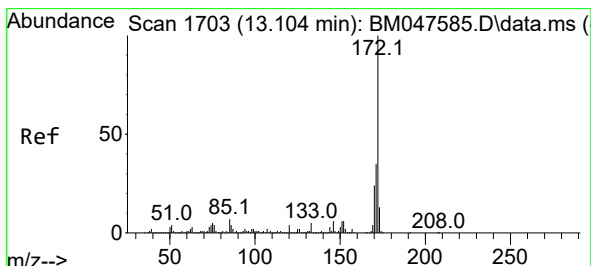
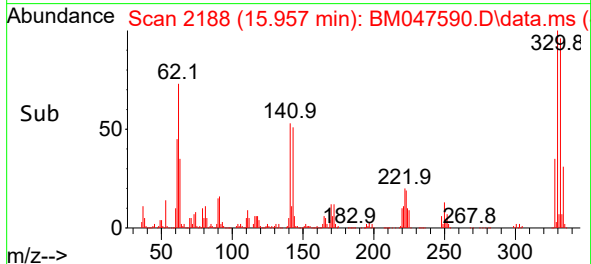
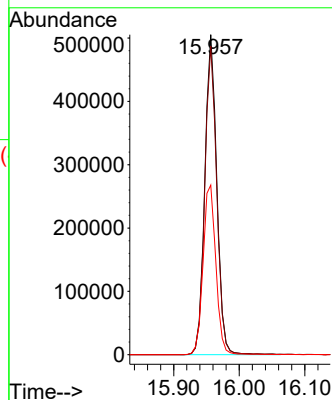
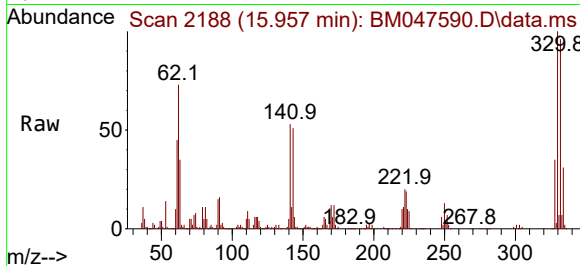




#42
2,4,6-Tribromophenol
Concen: 114.843 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

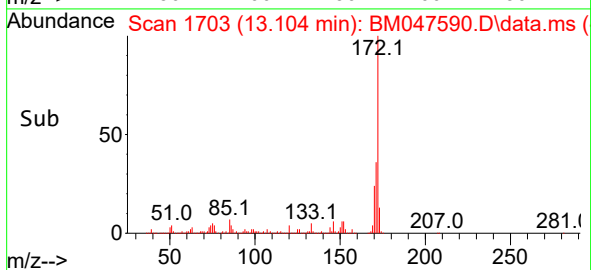
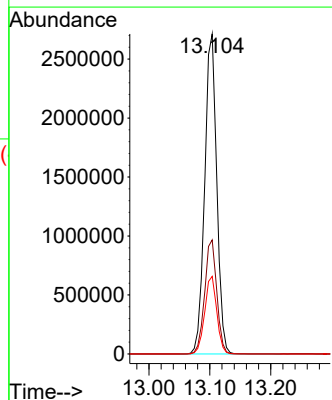
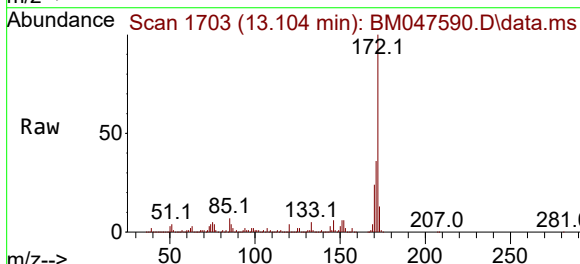
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ClientSampleId :
PB163138BL

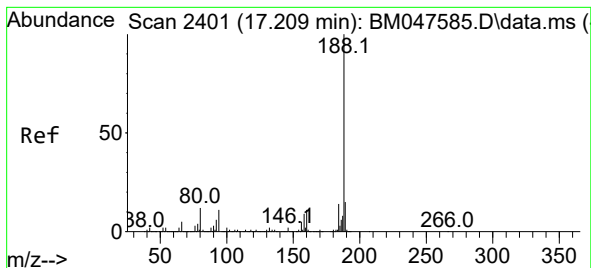
Tgt Ion:330 Resp: 647407
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 56.3 45.9 68.9



#45
2-Fluorobiphenyl
Concen: 86.576 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:172 Resp: 3724972
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BM047590.D

Acq: 20 Sep 2024 15:41

Instrument :

BNA_M

ClientSampleId :

PB163138BL

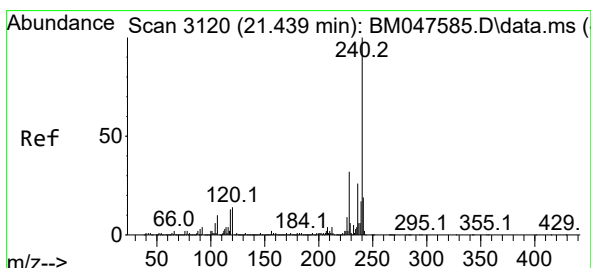
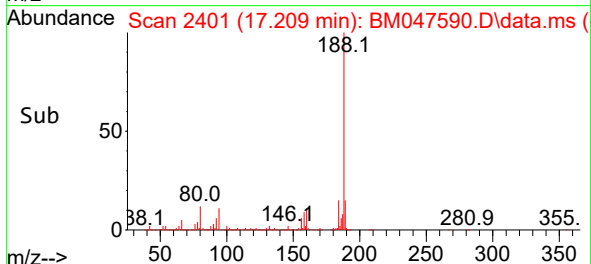
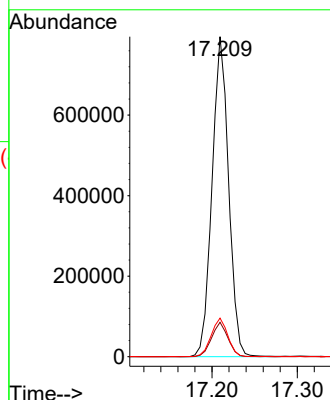
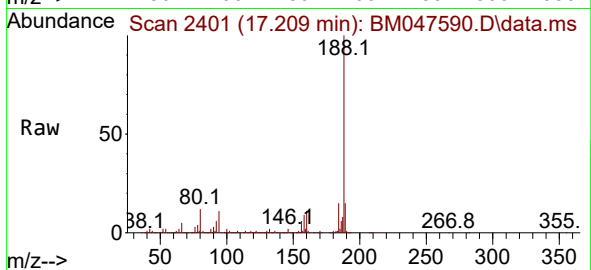
Tgt Ion:188 Resp: 1071432

Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

80 12.1 9.9 14.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM047590.D

Acq: 20 Sep 2024 15:41

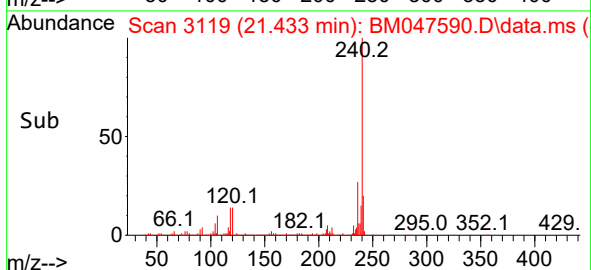
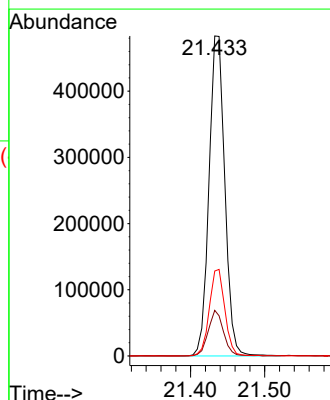
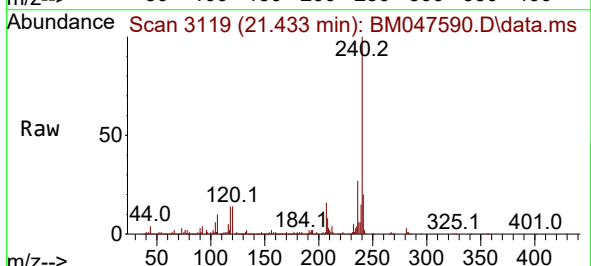
Tgt Ion:240 Resp: 717325

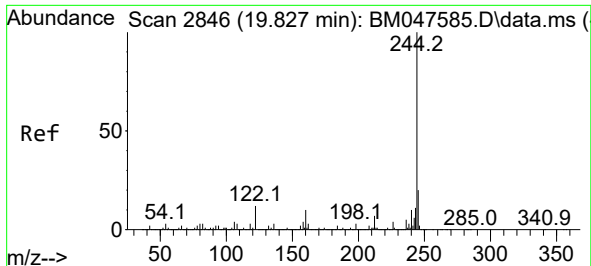
Ion Ratio Lower Upper

240 100

120 14.2 10.8 16.2

236 26.6 20.8 31.2

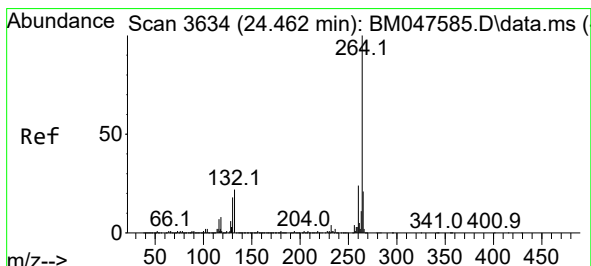
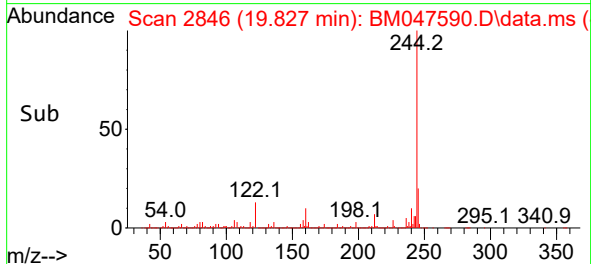
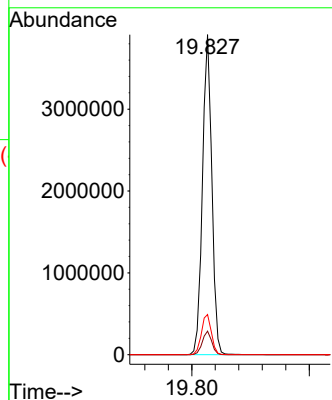
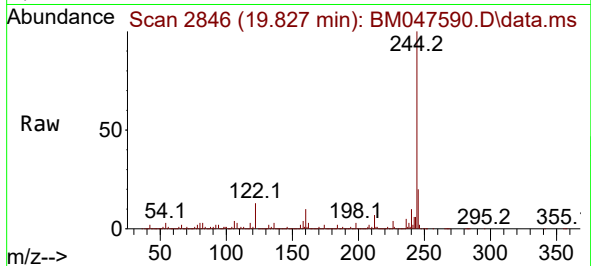




#79
 Terphenyl-d14
 Concen: 108.448 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: BM047590.D
 Acq: 20 Sep 2024 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB163138BL

Tgt Ion:244 Resp: 4335586
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.6 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.462 min Scan# 3634
 Delta R.T. -0.000 min
 Lab File: BM047590.D
 Acq: 20 Sep 2024 15:41

Tgt Ion:264 Resp: 713682
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.2 17.0 25.6

