

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047567.D
 Acq On : 19 Sep 2024 12:35
 Operator : RC/JU
 Sample : PB163318BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163318BL

Quant Time: Sep 19 13:22:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

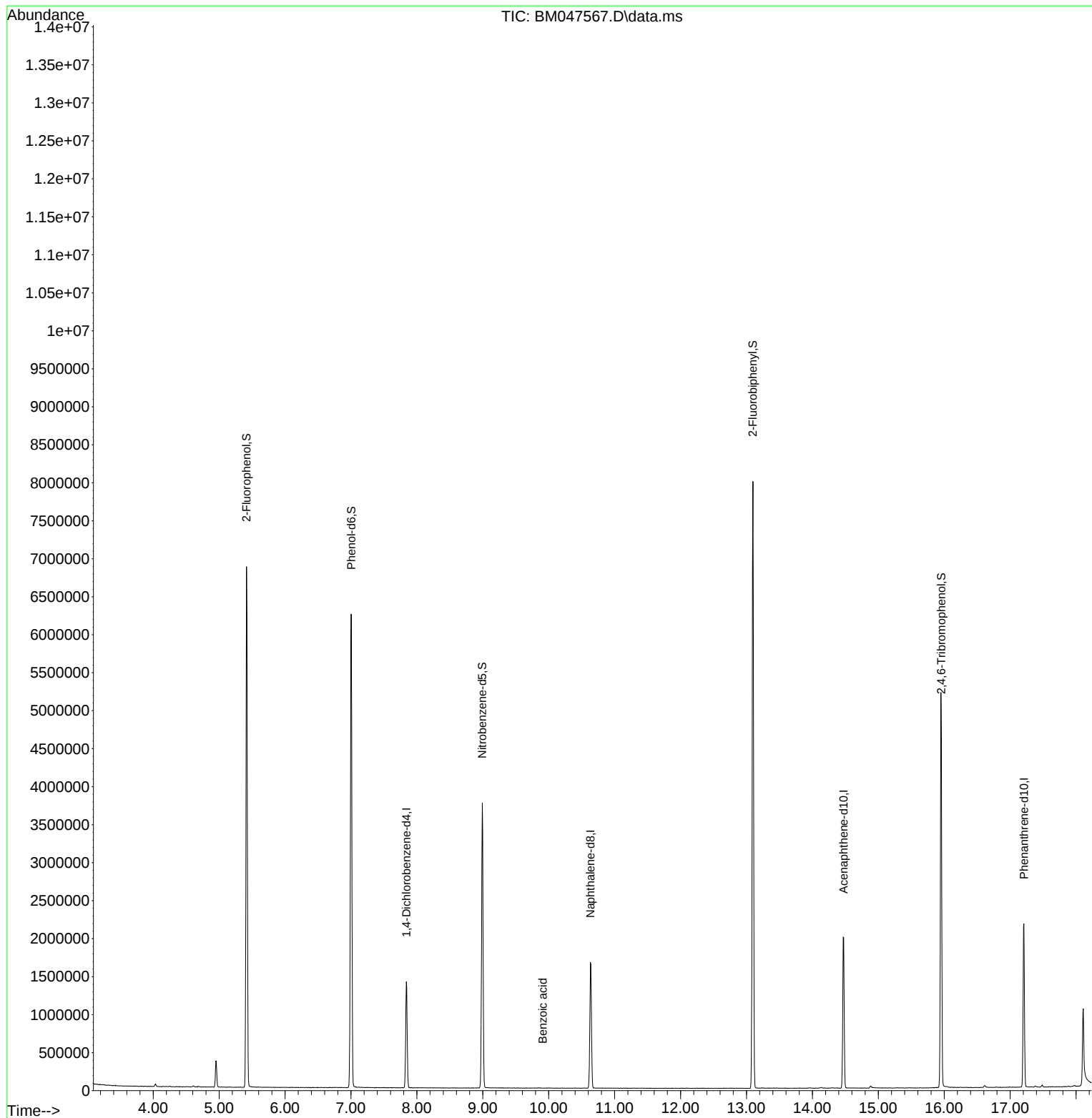
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	353821	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	1340234	20.000	ng	-0.01
39) Acenaphthene-d10	14.474	164	659710	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1165231	20.000	ng	0.00
76) Chrysene-d12	21.433	240	864552	20.000	ng	-0.01
86) Perylene-d12	24.456	264	939242	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2760872	124.241	ng	0.00
7) Phenol-d6	7.004	99	3405572	108.822	ng	0.00
23) Nitrobenzene-d5	8.992	82	2088000	77.969	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	682393	107.014	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3670972	76.653	ng	-0.01
79) Terphenyl-d14	19.821	244	4587860	95.092	ng	-0.01
Target Compounds						
32) Benzoic acid	9.910	122	79	6.704	ng	Qvalue # 51

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

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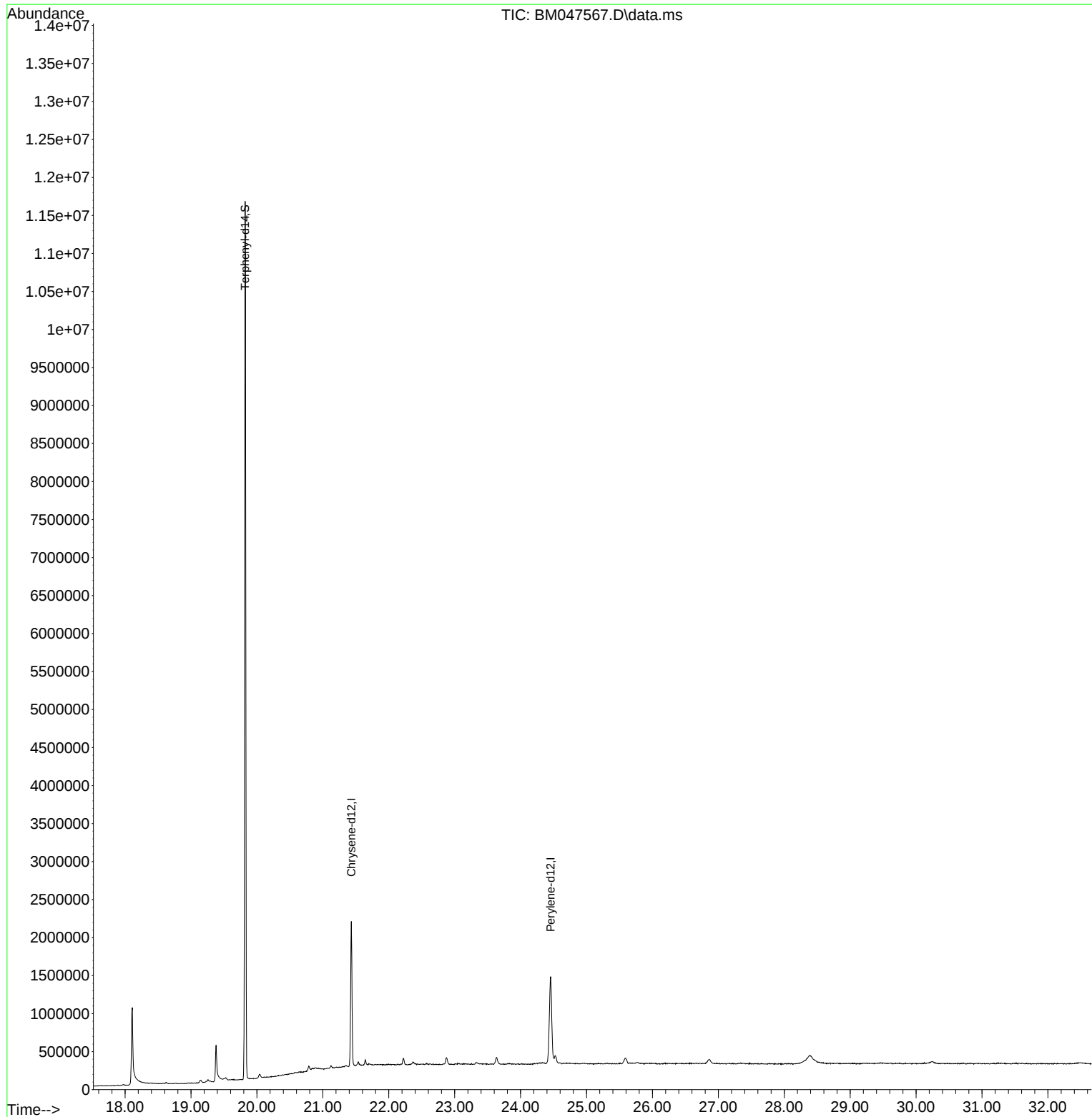
Quant Time: Sep 19 13:22:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
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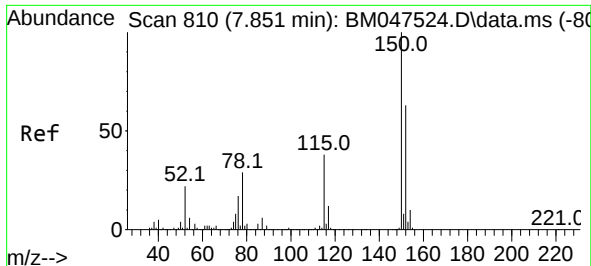


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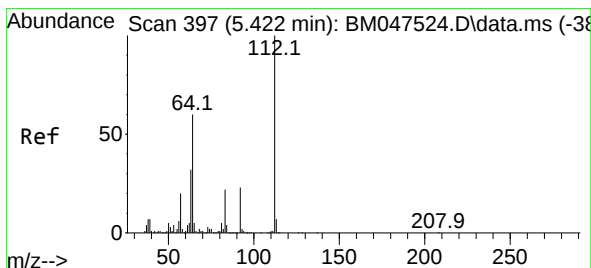
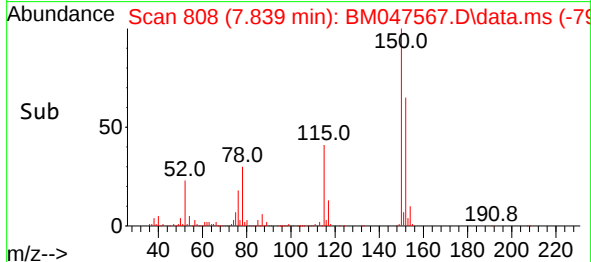
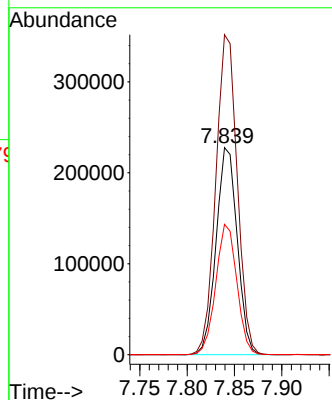
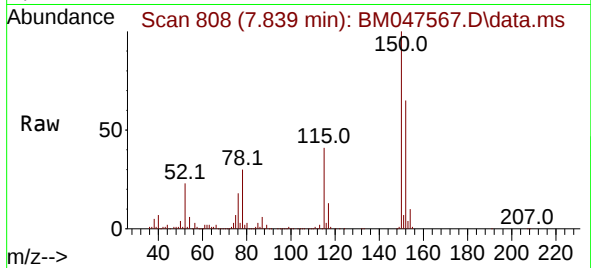




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

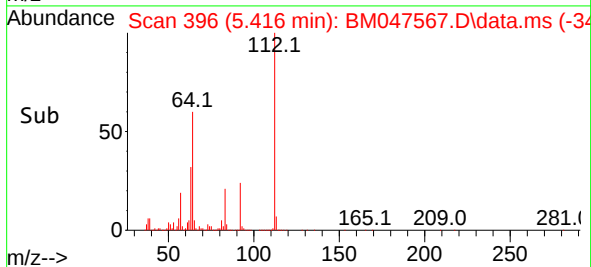
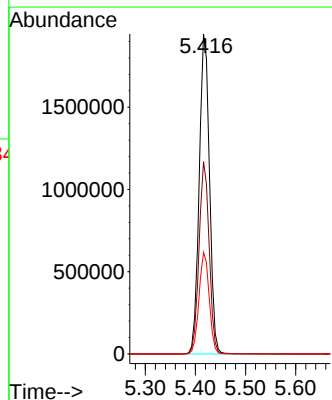
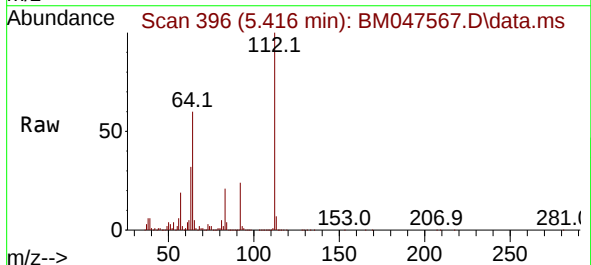
Instrument :
BNA_M
ClientSampleId :
PB163318BL

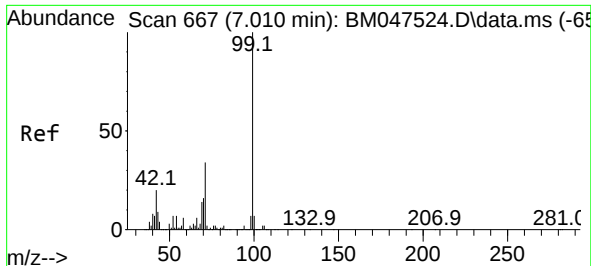
Tgt Ion:152 Resp: 353821
Ion Ratio Lower Upper
152 100
150 154.6 126.8 190.2
115 63.0 47.8 71.8



#5
2-Fluorophenol
Concen: 124.241 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:112 Resp: 2760872
Ion Ratio Lower Upper
112 100
64 60.1 48.2 72.4
63 31.8 26.0 39.0

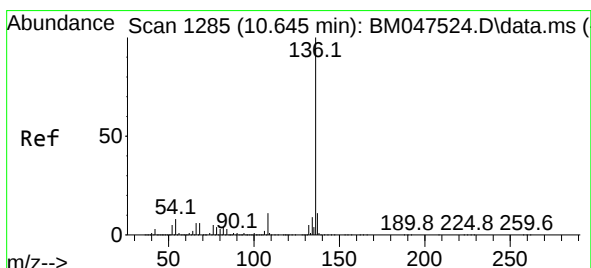
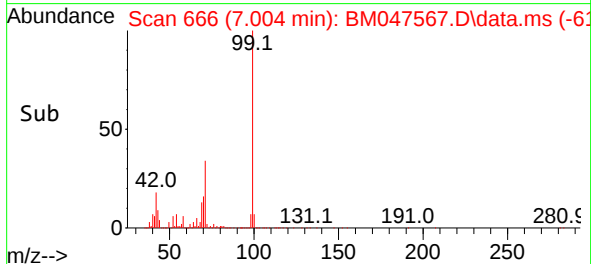
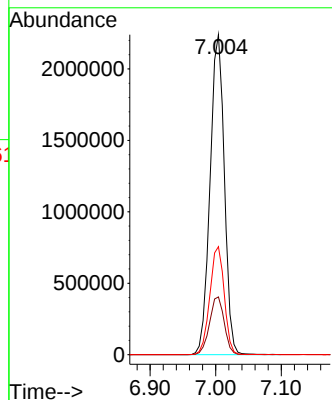
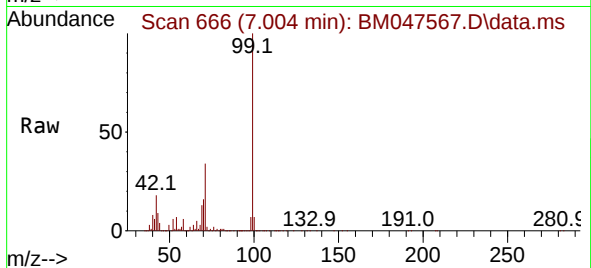




#7
Phenol-d6
Concen: 108.822 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

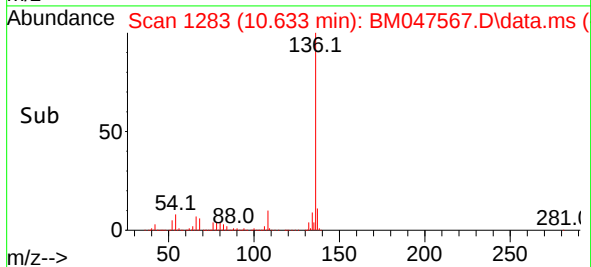
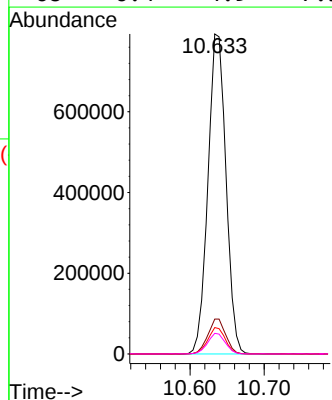
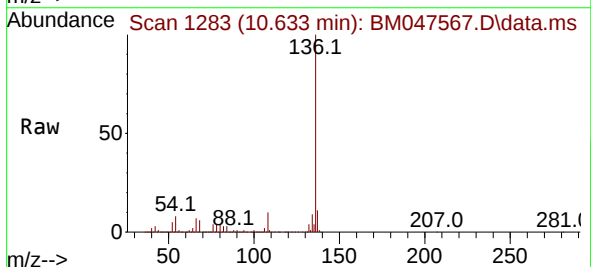
Instrument :
BNA_M
ClientSampleId :
PB163318BL

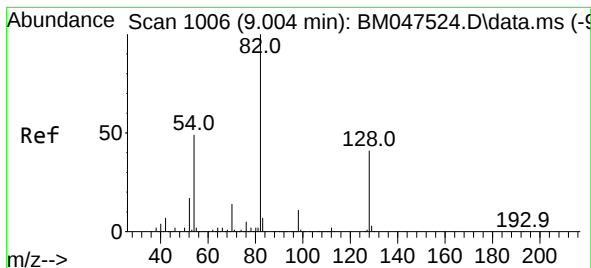
Tgt Ion: 99 Resp: 3405572
Ion Ratio Lower Upper
99 100
42 18.1 15.8 23.8
71 33.8 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion: 136 Resp: 1340234
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.2 6.6 9.8
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 77.969 ng

RT: 8.992 min Scan# 1100

Delta R.T. -0.012 min

Lab File: BM047567.D

Acq: 19 Sep 2024 12:35

Instrument :

BNA_M

ClientSampleId :

PB163318BL

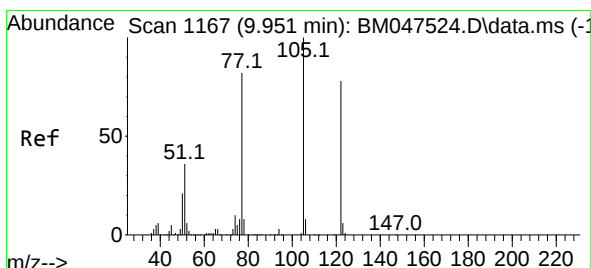
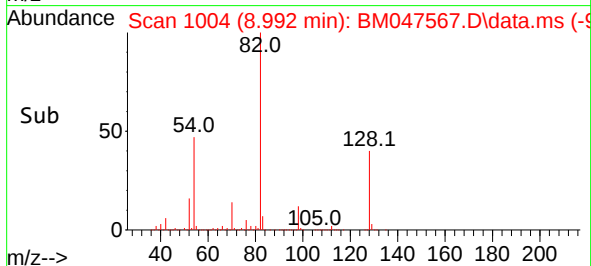
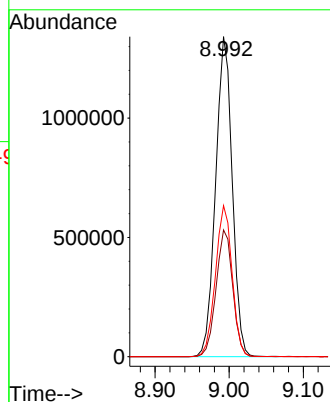
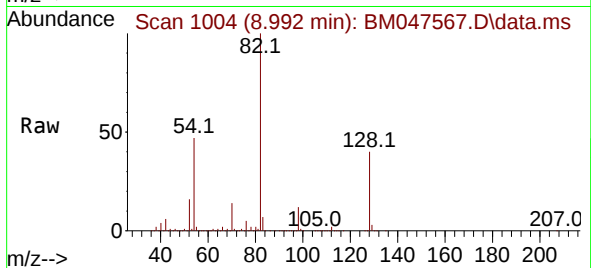
Tgt Ion: 82 Resp: 2088000

Ion Ratio Lower Upper

82 100

128 39.6 33.0 49.4

54 47.2 39.3 58.9



#32

Benzoic acid

Concen: 6.704 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.041 min

Lab File: BM047567.D

Acq: 19 Sep 2024 12:35

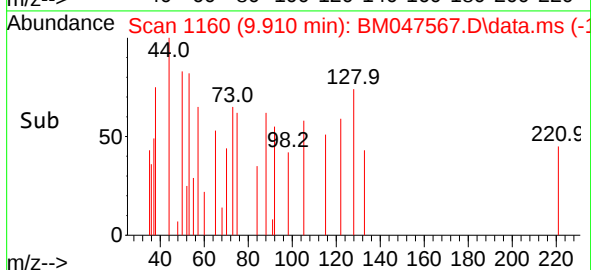
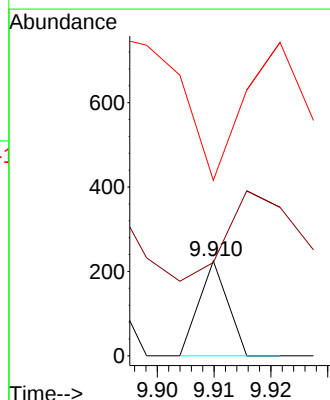
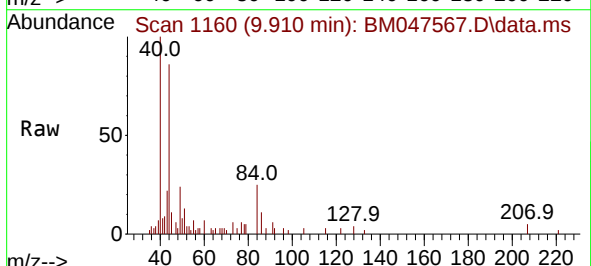
Tgt Ion:122 Resp: 79

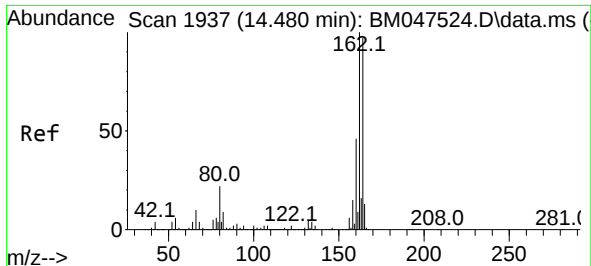
Ion Ratio Lower Upper

122 100

105 98.2 104.7 144.7#

77 184.9 83.4 123.4#

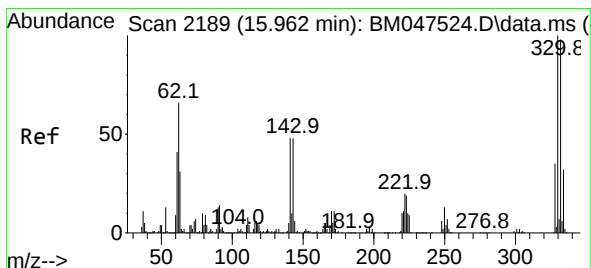
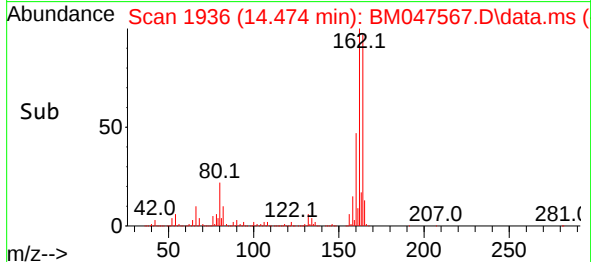
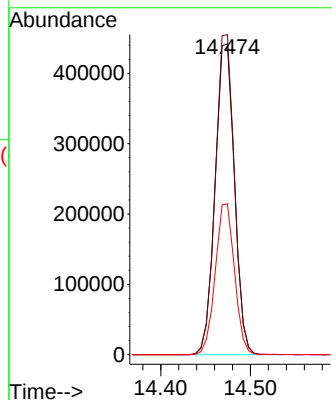
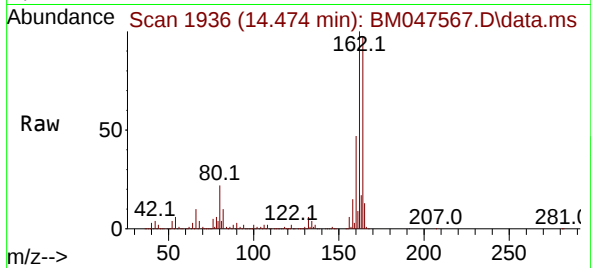




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

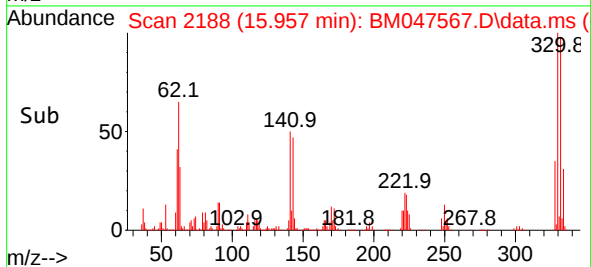
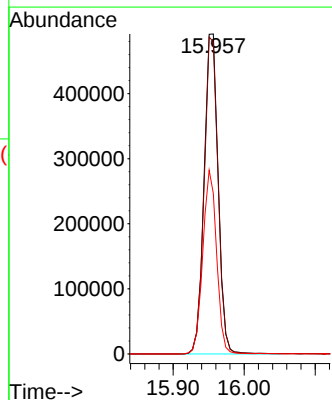
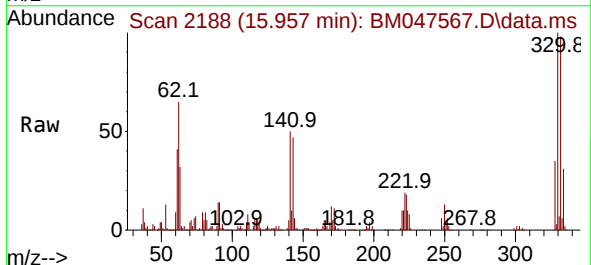
Instrument :
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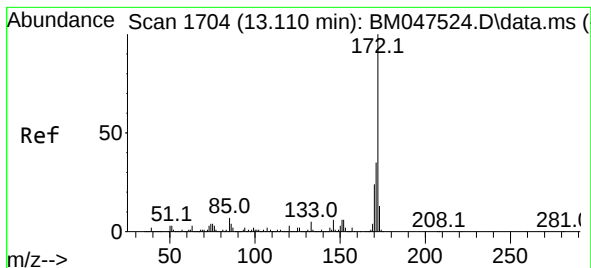
Tgt Ion:164 Resp: 659710
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 48.5 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 107.014 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:330 Resp: 682393
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 56.0 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 76.653 ng

RT: 13.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047567.D

Acq: 19 Sep 2024 12:35

Instrument :

BNA_M

ClientSampleId :

PB163318BL

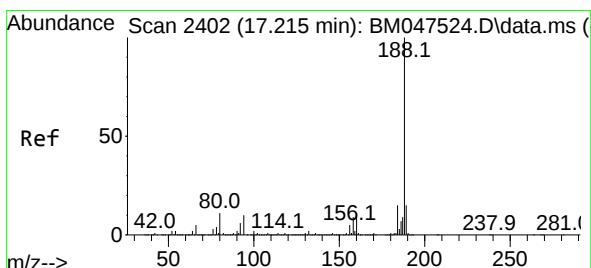
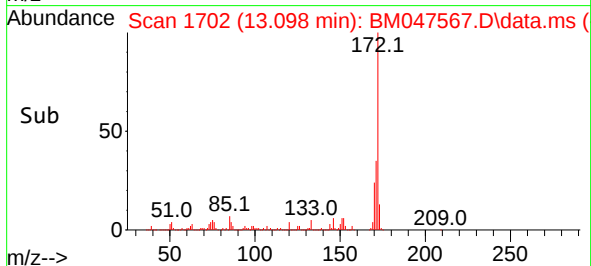
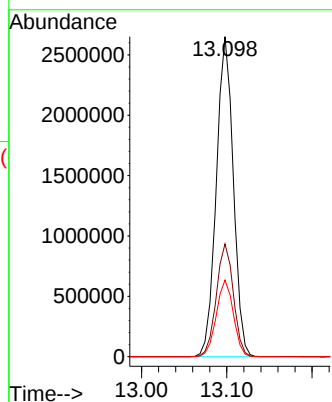
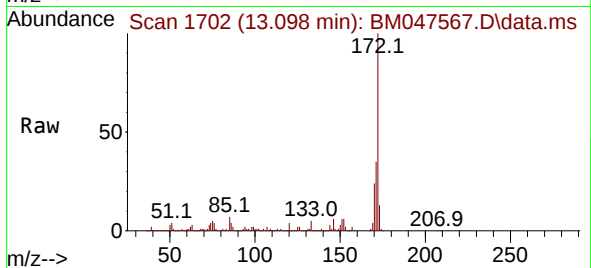
Tgt Ion:172 Resp: 3670972

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 24.0 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047567.D

Acq: 19 Sep 2024 12:35

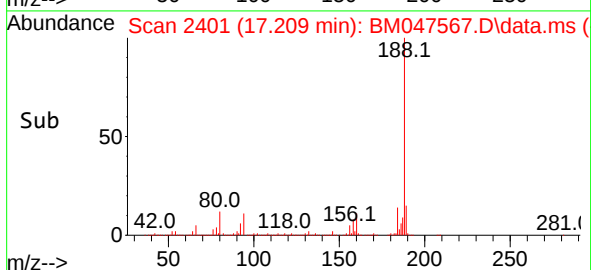
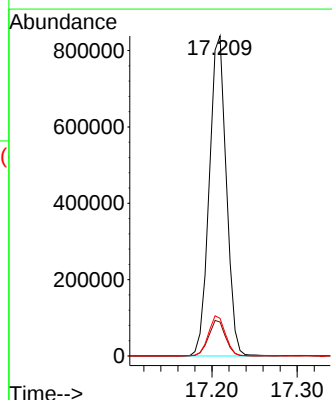
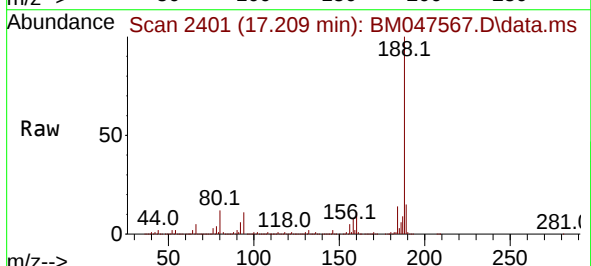
Tgt Ion:188 Resp: 1165231

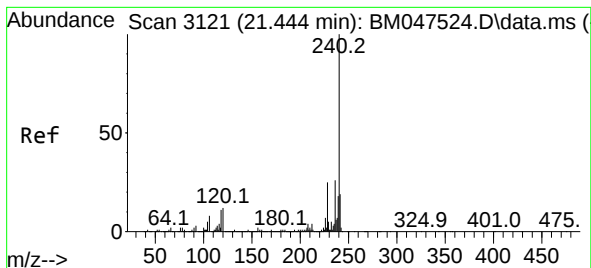
Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

80 11.7 9.1 13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM047567.D

Acq: 19 Sep 2024 12:35

Instrument :

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ClientSampleId :

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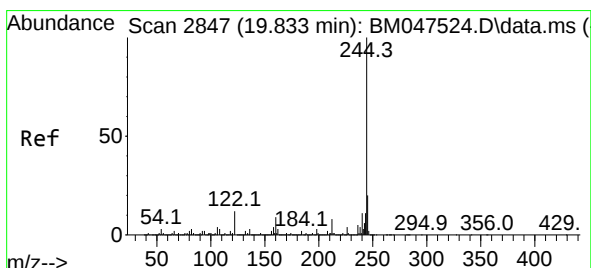
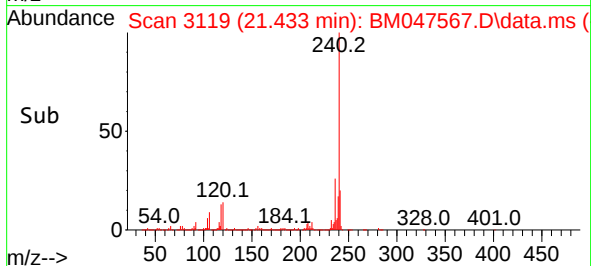
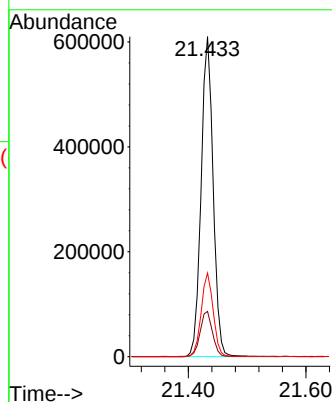
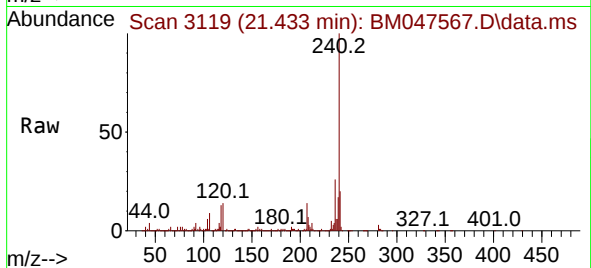
Tgt Ion:240 Resp: 864552

Ion Ratio Lower Upper

240 100

120 14.2 9.6 14.4

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 95.092 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.012 min

Lab File: BM047567.D

Acq: 19 Sep 2024 12:35

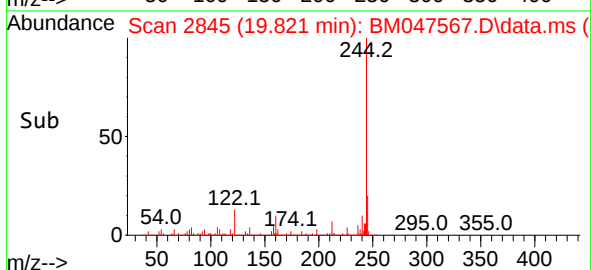
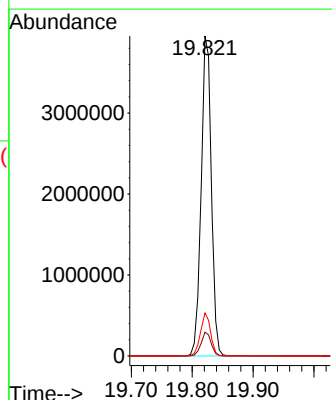
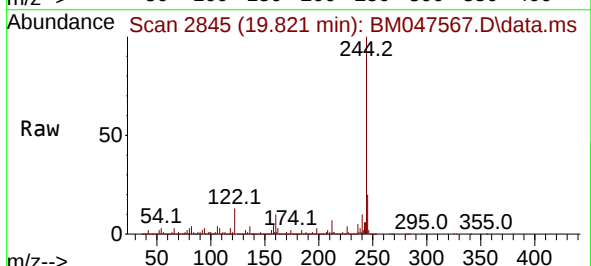
Tgt Ion:244 Resp: 4587860

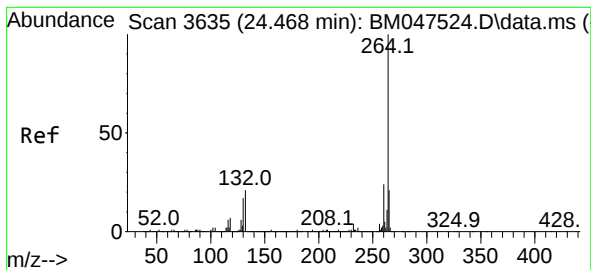
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM047567.D

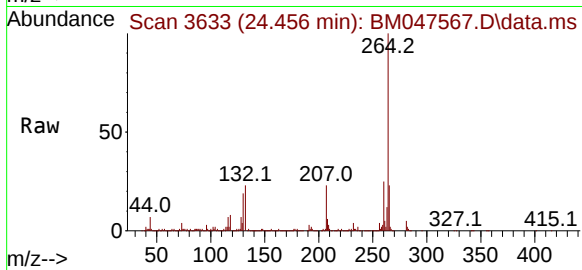
Acq: 19 Sep 2024 12:35

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 939242

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 22.8 17.4 26.2

