

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
 Data File : BM047595.D
 Acq On : 20 Sep 2024 19:00
 Operator : RC/JU
 Sample : PB163139BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163139BL

Quant Time: Sep 21 03:27:17 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	7.846	152	279052	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1043982	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	495134	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	853473	20.000	ng	0.00
76) Chrysene-d12	21.433	240	558241	20.000	ng	0.00
86) Perylene-d12	24.456	264	562193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2339226	128.461	ng	0.00
7) Phenol-d6	7.004	99	2930265	122.127	ng	0.00
23) Nitrobenzene-d5	8.998	82	1745078	83.211	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	492498	107.420	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3097693	88.524	ng	0.00
79) Terphenyl-d14	19.821	244	3361979	108.059	ng	0.00

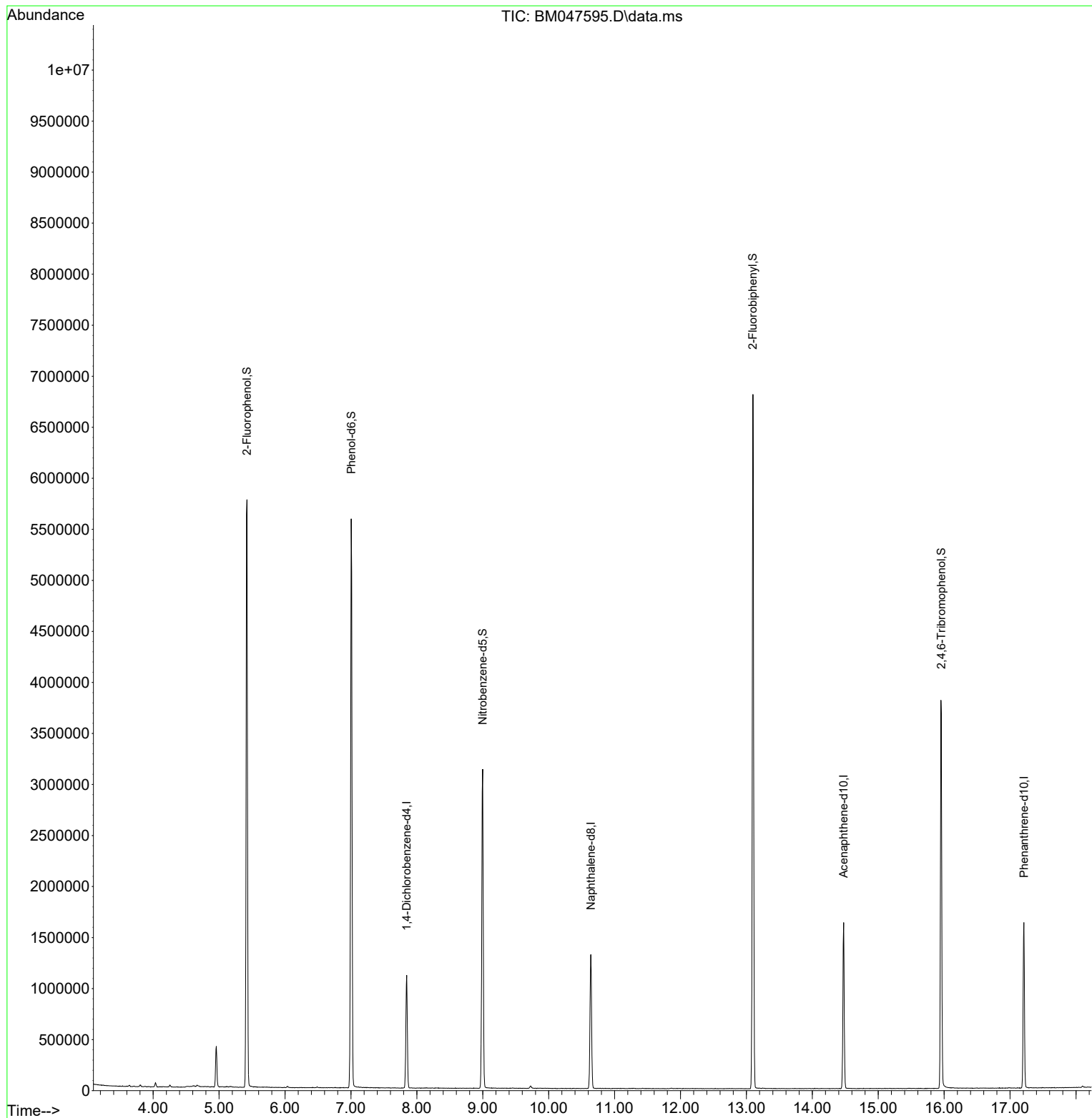
Target Compounds	Qvalue

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

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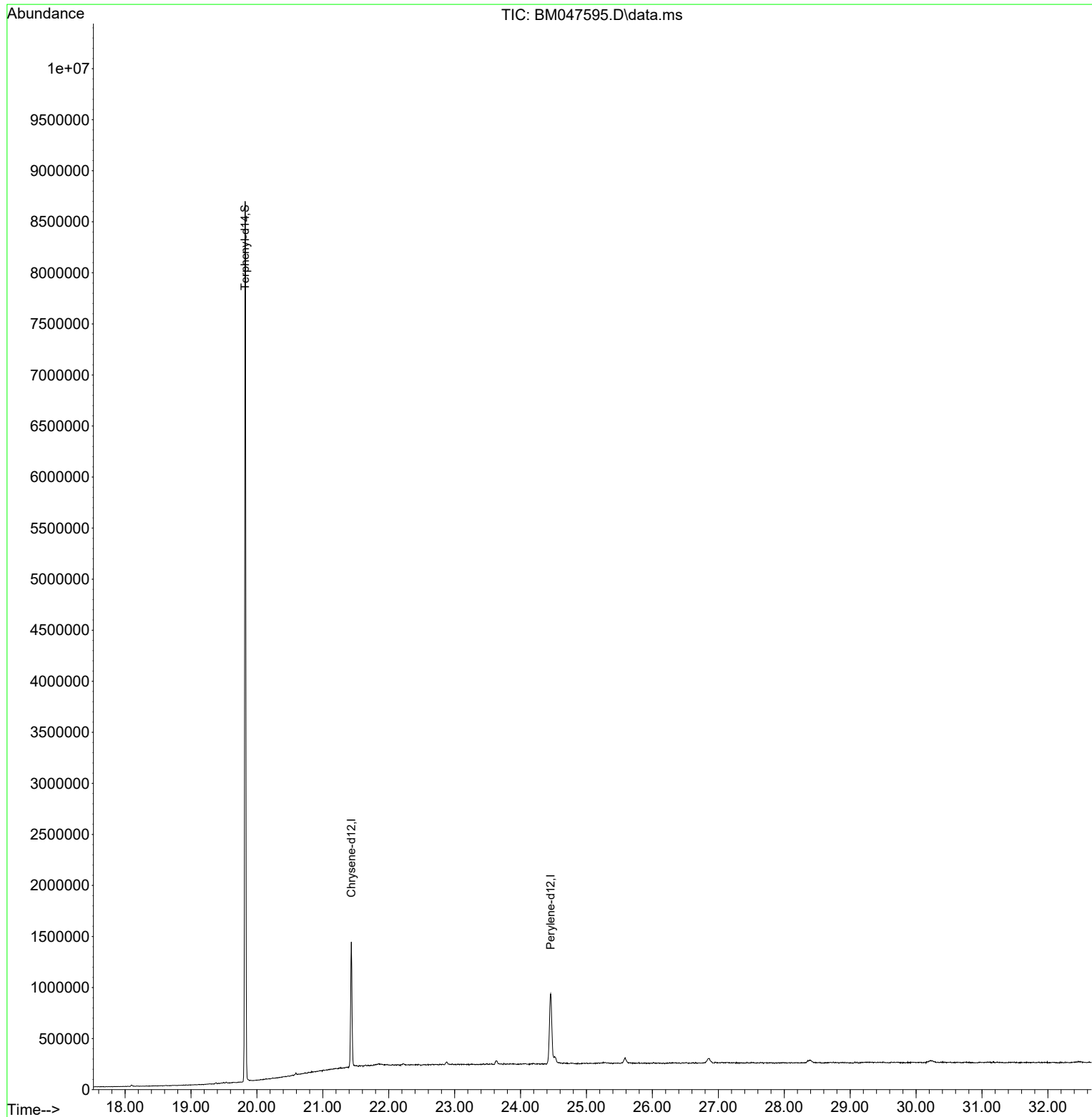
Quant Time: Sep 21 03:27:17 2024
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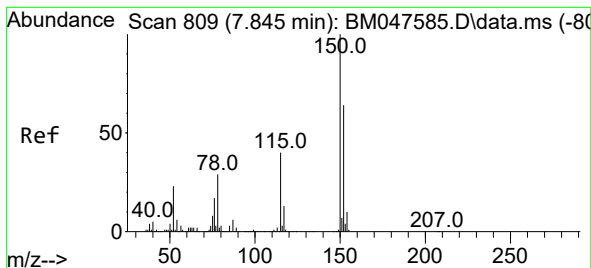


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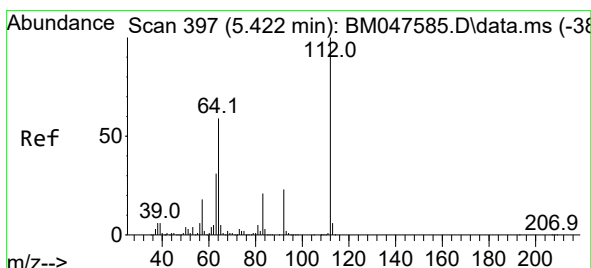
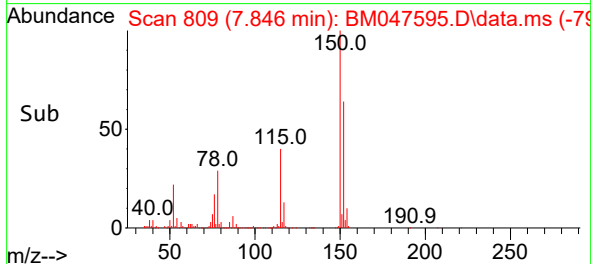
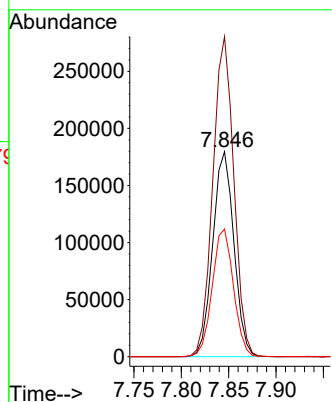
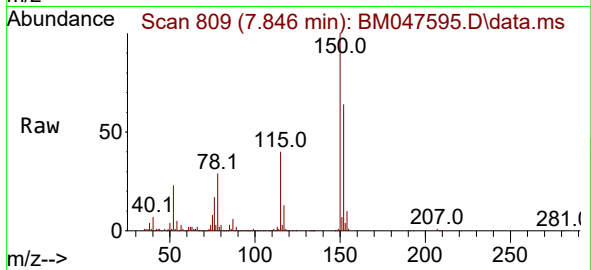




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 809
Delta R.T. 0.001 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

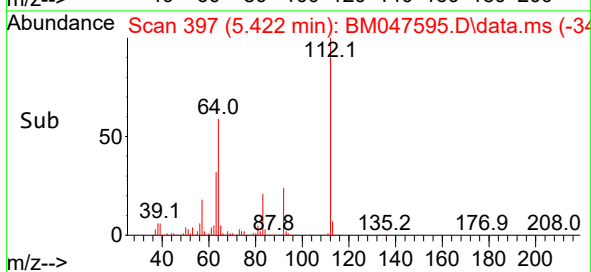
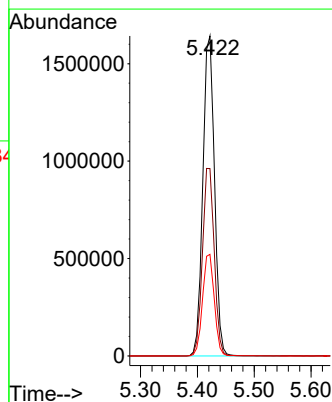
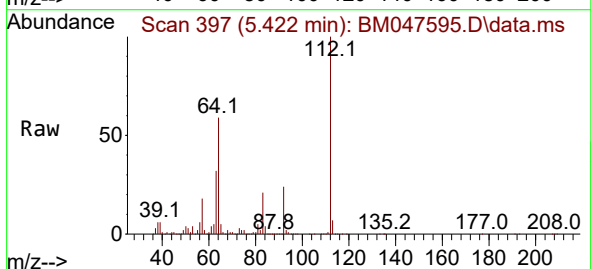
Instrument :
BNA_M
ClientSampleId :
PB163139BL

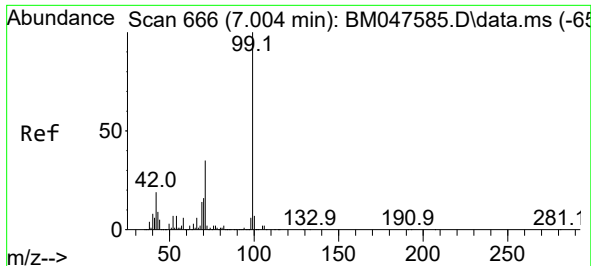
Tgt Ion:152 Resp: 279052
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 128.461 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

Tgt Ion:112 Resp: 2339226
Ion Ratio Lower Upper
112 100
64 58.6 46.8 70.2
63 31.7 25.2 37.8

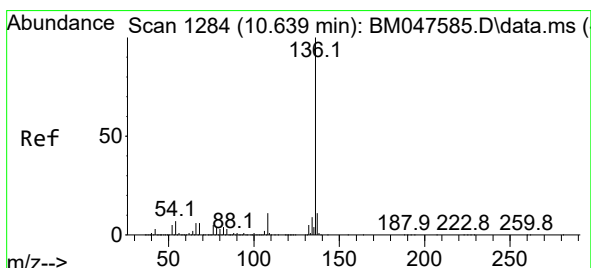
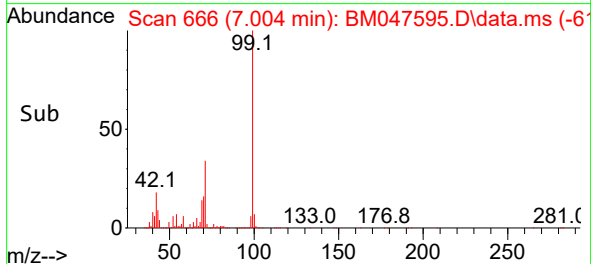
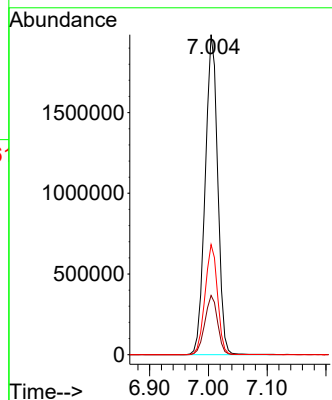
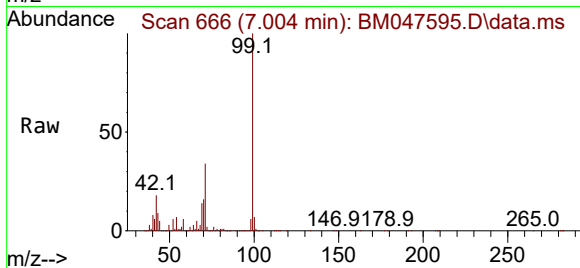




#7
Phenol-d6
Concen: 122.127 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

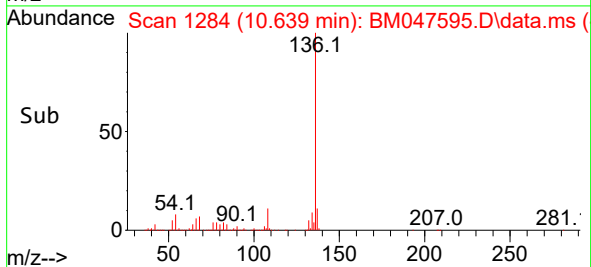
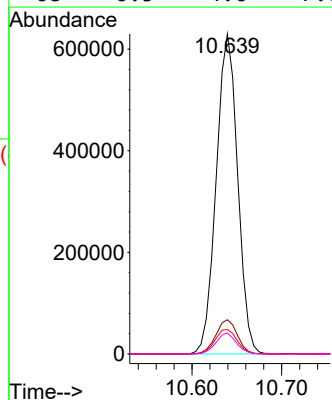
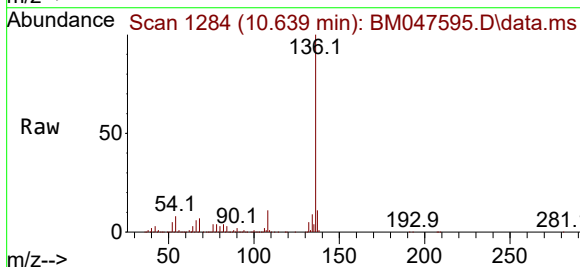
Instrument :
BNA_M
ClientSampleId :
PB163139BL

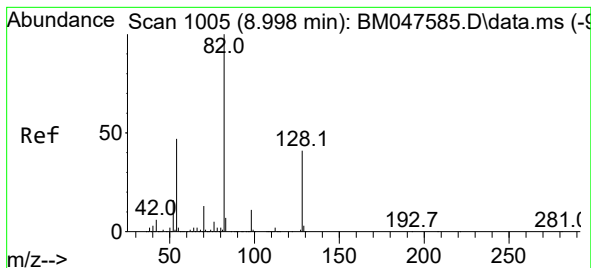
Tgt Ion: 99 Resp: 2930265
Ion Ratio Lower Upper
99 100
42 18.5 15.3 22.9
71 34.4 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

Tgt Ion:136 Resp: 1043982
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.6 6.0 9.0
68 6.5 4.6 7.0

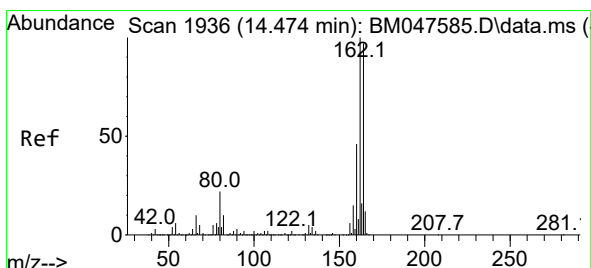
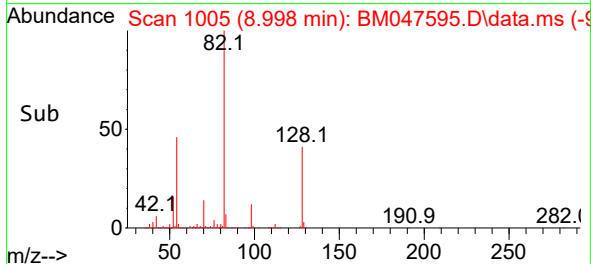
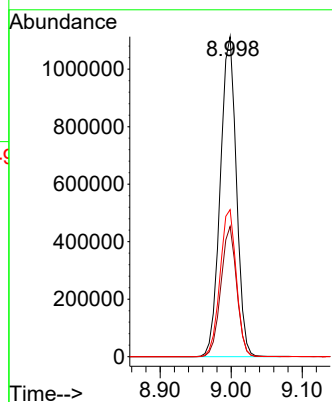
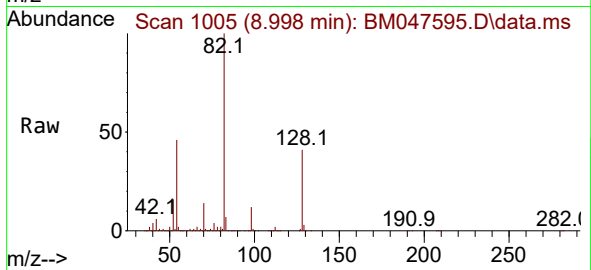




#23
Nitrobenzene-d5
Concen: 83.211 ng
RT: 8.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

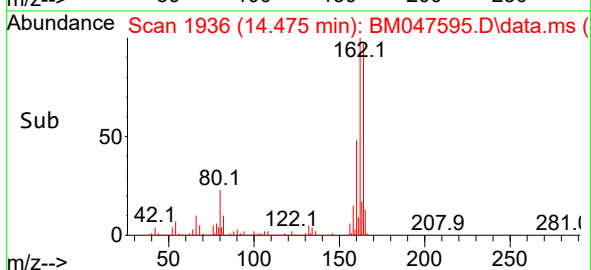
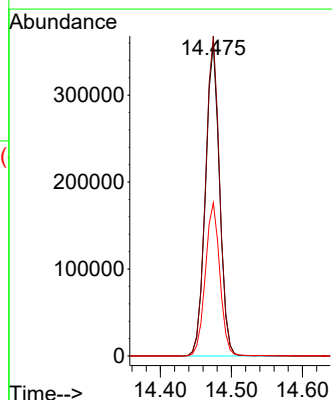
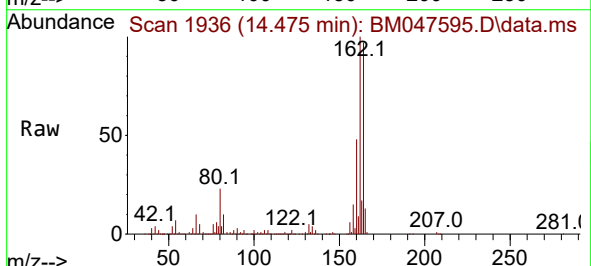
Instrument :
BNA_M
ClientSampleId :
PB163139BL

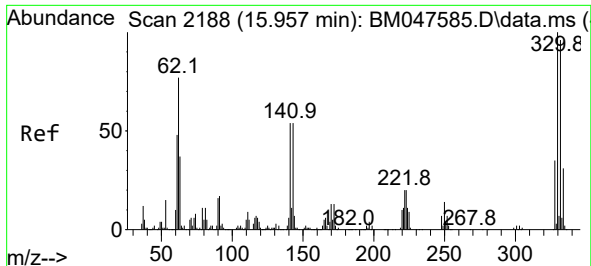
Tgt Ion: 82 Resp: 1745078
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 46.0 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

Tgt Ion:164 Resp: 495134
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 49.1 37.8 56.6

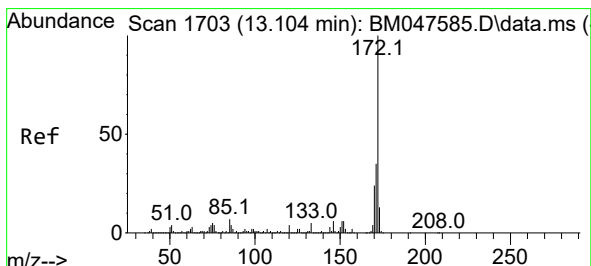
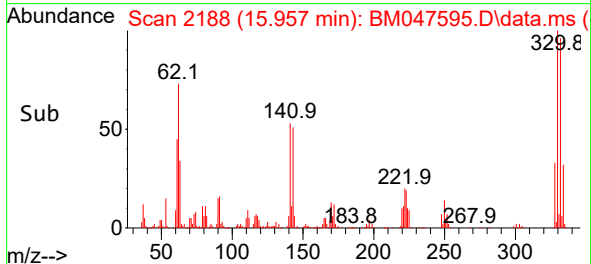
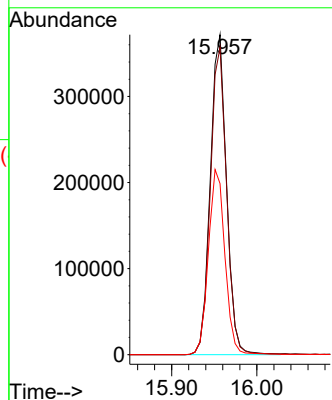
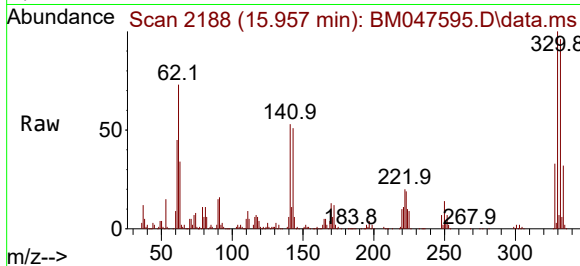




#42
2,4,6-Tribromophenol
Concen: 107.420 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

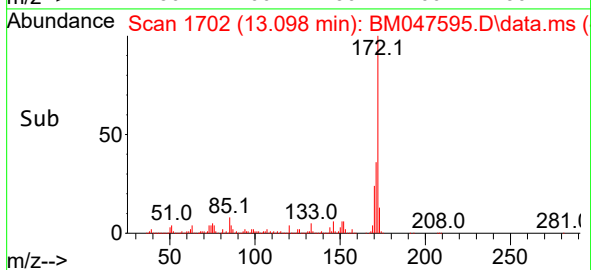
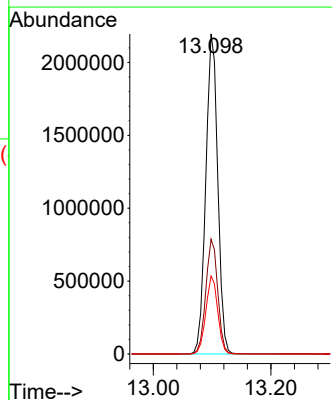
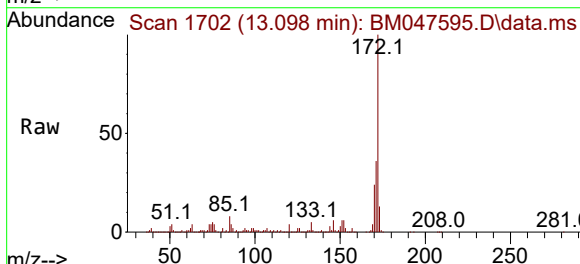
Instrument :
BNA_M
ClientSampleId :
PB163139BL

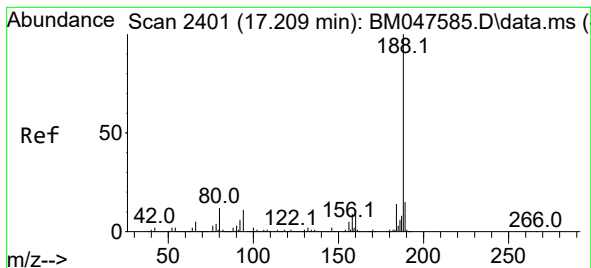
Tgt Ion:330 Resp: 492498
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 59.3 45.9 68.9



#45
2-Fluorobiphenyl
Concen: 88.524 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM047595.D
Acq: 20 Sep 2024 19:00

Tgt Ion:172 Resp: 3097693
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 24

Delta R.T. 0.001 min

Lab File: BM047595.D

Acq: 20 Sep 2024 19:00

Instrument :

BNA_M

ClientSampleId :

PB163139BL

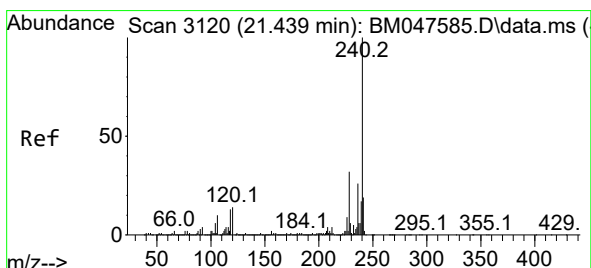
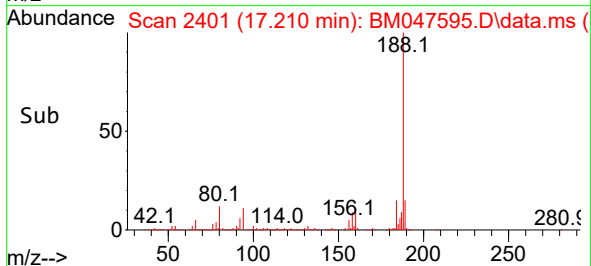
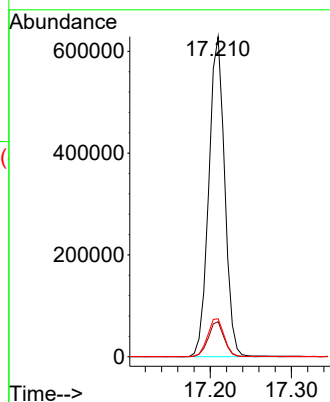
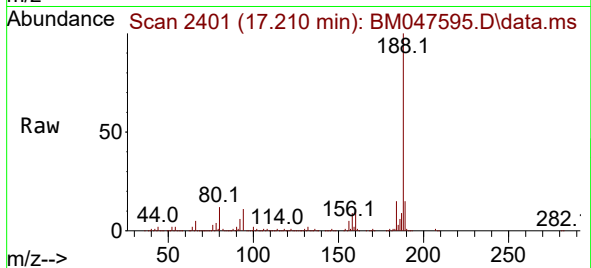
Tgt Ion:188 Resp: 853473

Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

80 11.9 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: BM047595.D

Acq: 20 Sep 2024 19:00

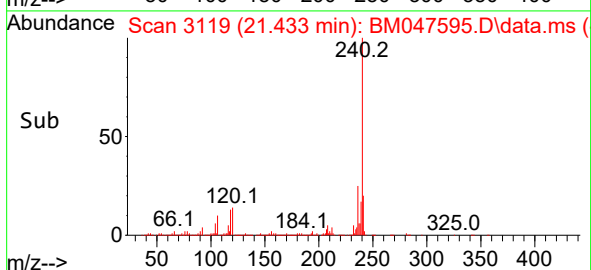
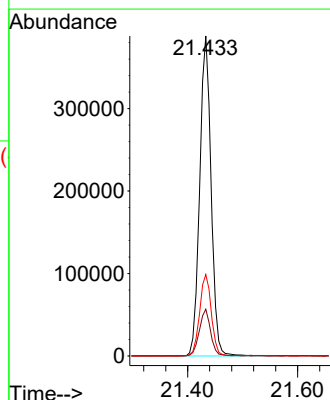
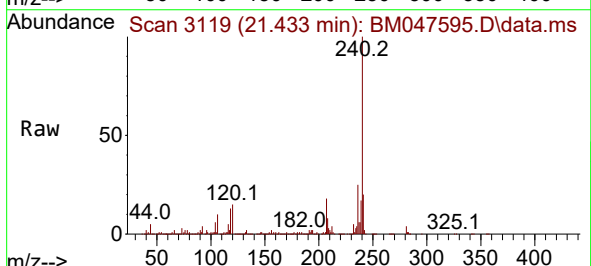
Tgt Ion:240 Resp: 558241

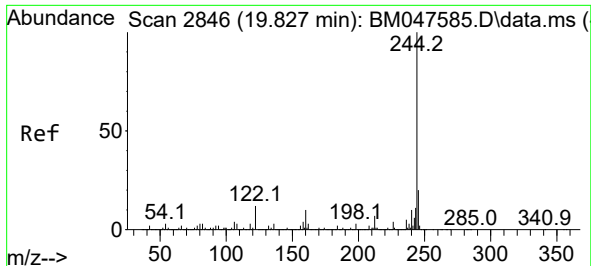
Ion Ratio Lower Upper

240 100

120 14.6 10.8 16.2

236 25.4 20.8 31.2

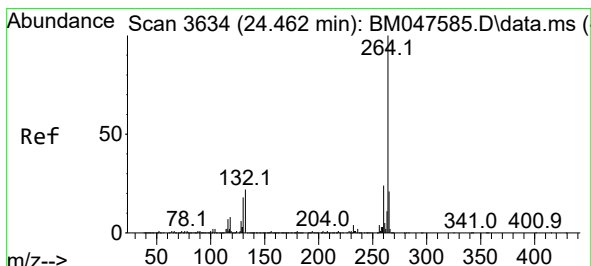
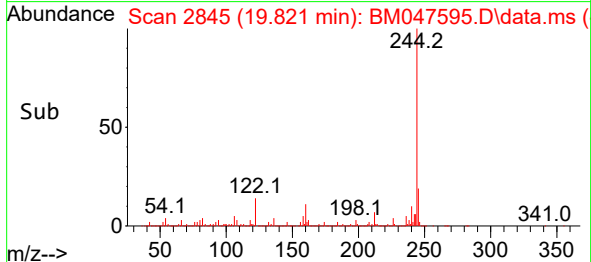
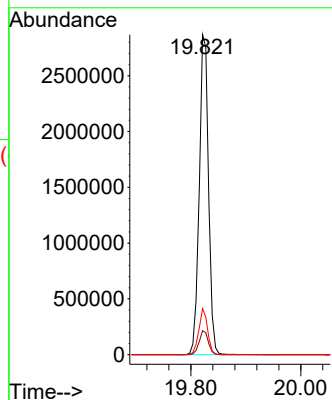
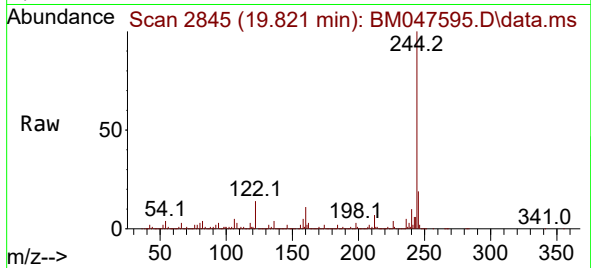




#79
 Terphenyl-d14
 Concen: 108.059 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047595.D
 Acq: 20 Sep 2024 19:00

Instrument :
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Tgt Ion:244 Resp: 3361979
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.4 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 3633
 Delta R.T. -0.006 min
 Lab File: BM047595.D
 Acq: 20 Sep 2024 19:00

Tgt Ion:264 Resp: 562193
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 21.1 17.0 25.6

