

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047604.D
 Acq On : 23 Sep 2024 15:04
 Operator : RC/JU
 Sample : P4135-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S1-6

Quant Time: Sep 23 15:50:13 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)

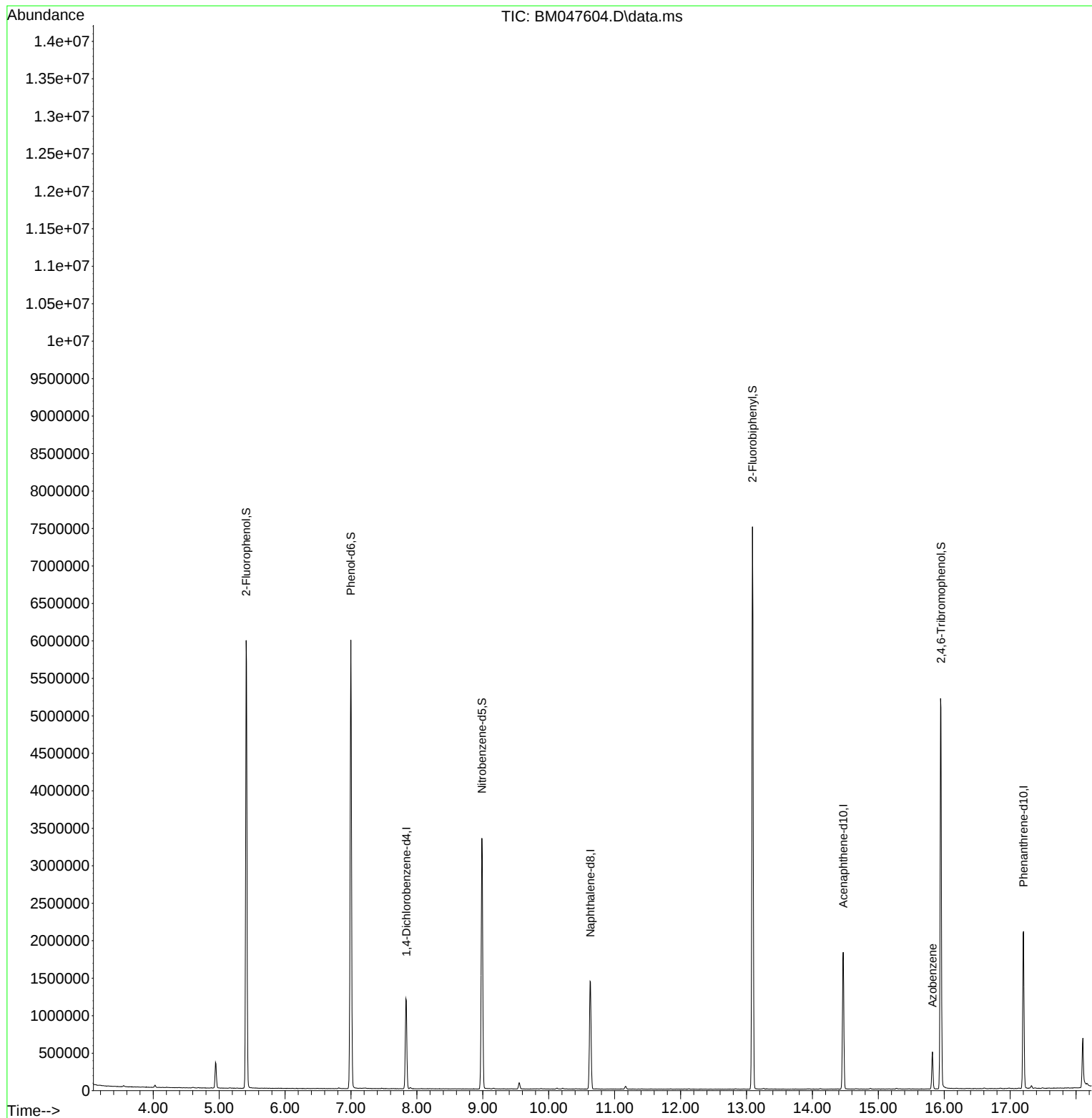
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	310995	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1184750	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	598833	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1119861	20.000	ng	0.00
76) Chrysene-d12	21.427	240	953381	20.000	ng	-0.01
86) Perylene-d12	24.450	264	1034355	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2439163	120.191	ng	-0.01
7) Phenol-d6	6.998	99	3144602	117.599	ng	0.00
23) Nitrobenzene-d5	8.986	82	1871911	78.653	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	673768	121.509	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3417263	80.746	ng	-0.01
79) Terphenyl-d14	19.821	244	4884884	91.934	ng	0.00
Target Compounds						
63) Azobenzene	15.821	77	147552	3.062	ng	Qvalue # 1

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

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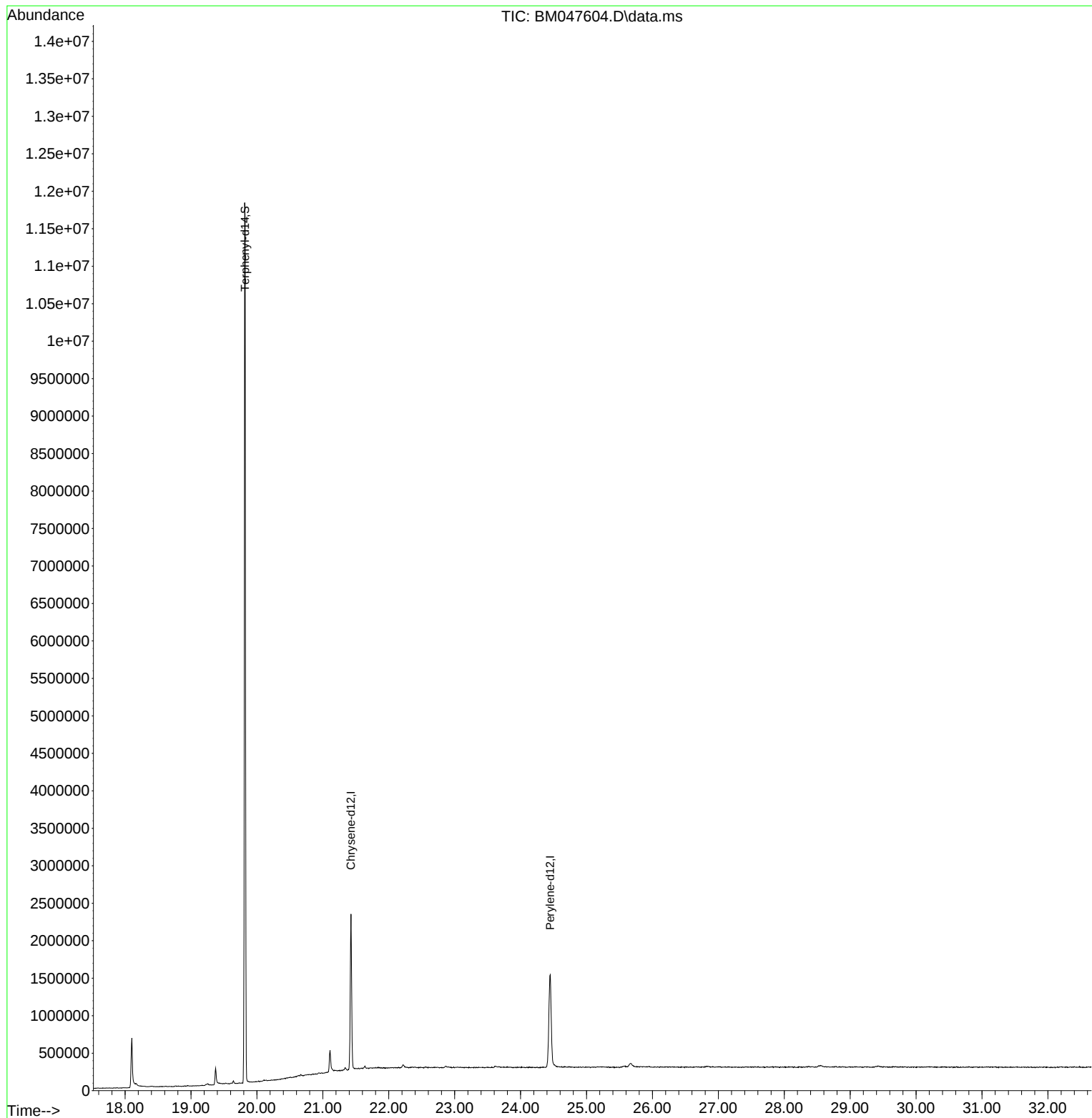
Quant Time: Sep 23 15:50:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

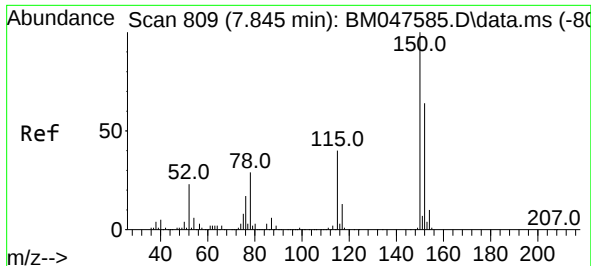


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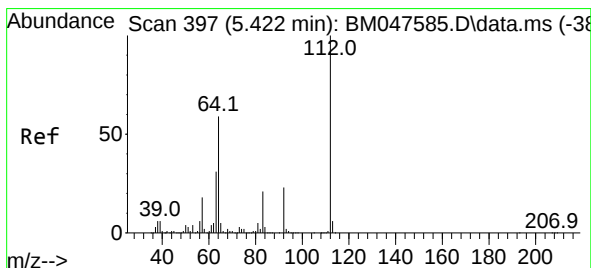
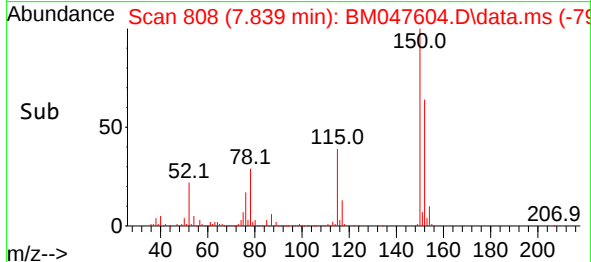
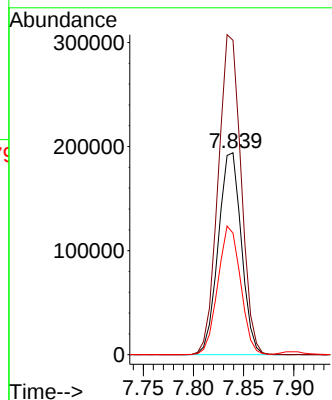
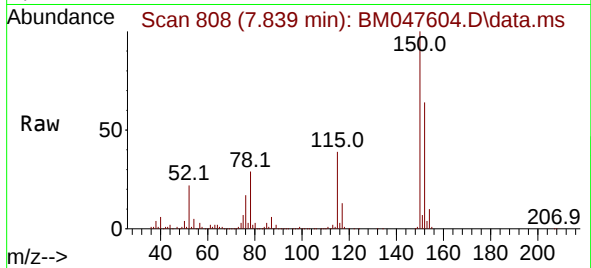




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

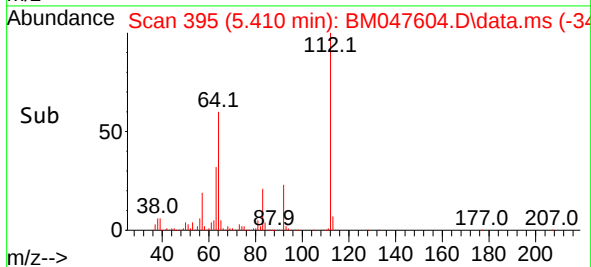
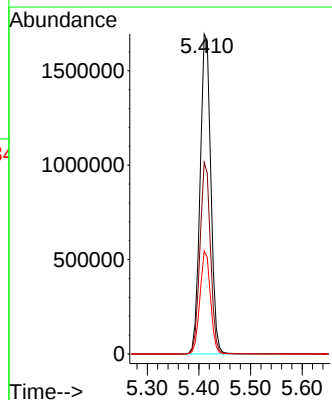
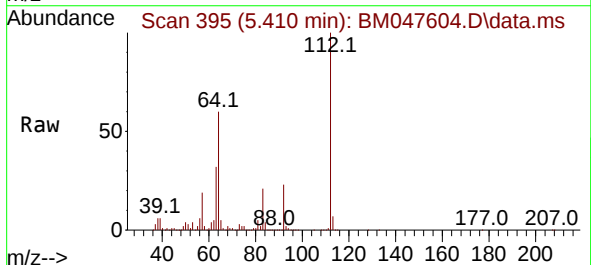
Instrument :
BNA_M
ClientSampleId :
S1-6

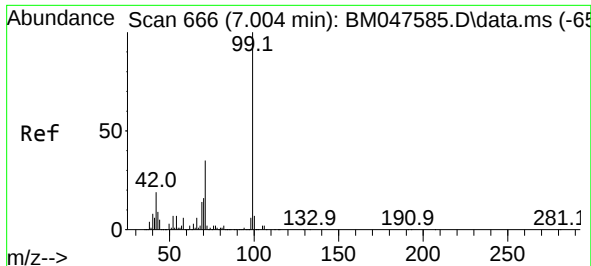
Tgt Ion:152 Resp: 310995
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 120.191 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.012 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

Tgt Ion:112 Resp: 2439163
Ion Ratio Lower Upper
112 100
64 59.9 46.8 70.2
63 32.1 25.2 37.8



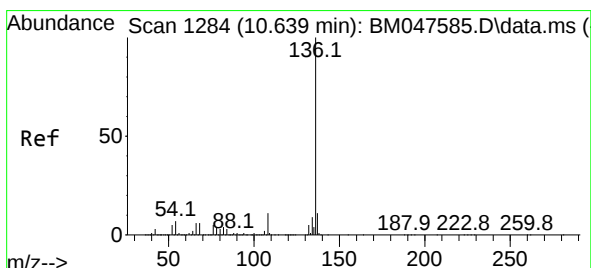
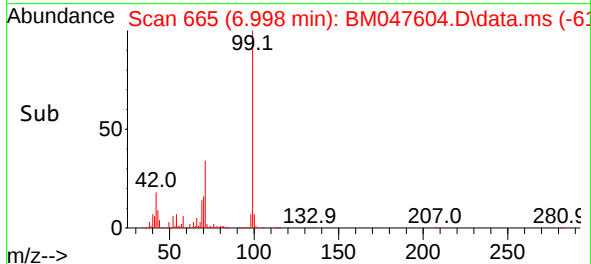
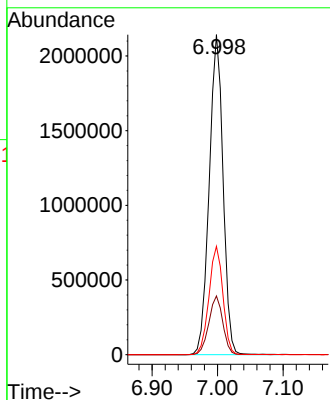
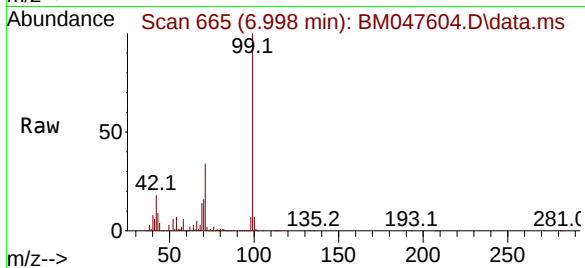


#7
Phenol-d6
Concen: 117.599 ng
RT: 6.998 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

Instrument :
BNA_M
ClientSampleId :
S1-6

Tgt Ion: 99 Resp: 3144602

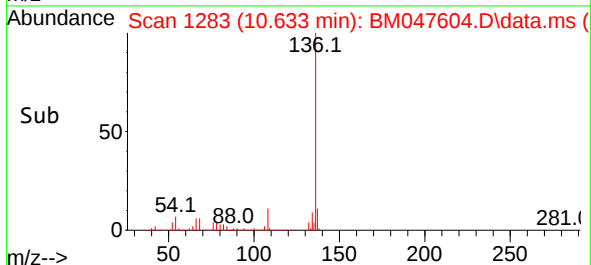
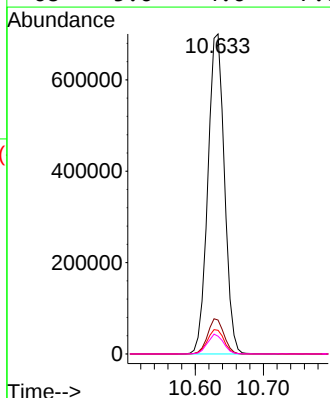
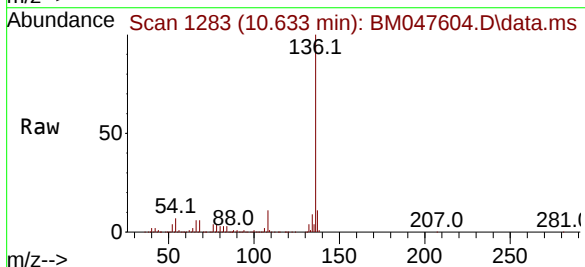
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.3	22.9
71	33.9	27.8	41.6

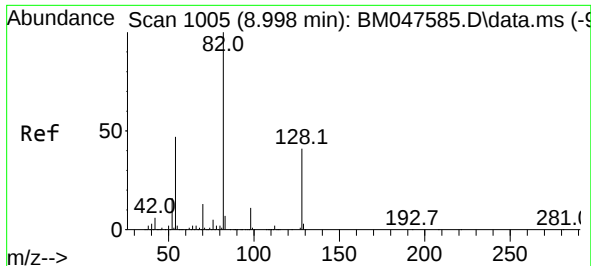


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

Tgt Ion:136 Resp: 1184750

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.4	6.0	9.0
68	5.6	4.6	7.0

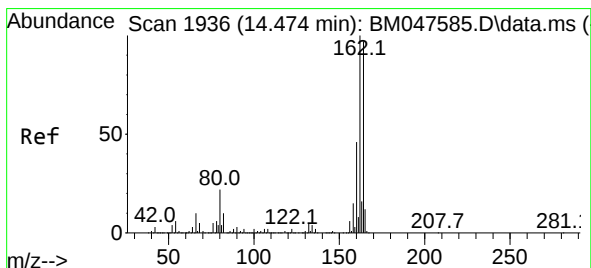
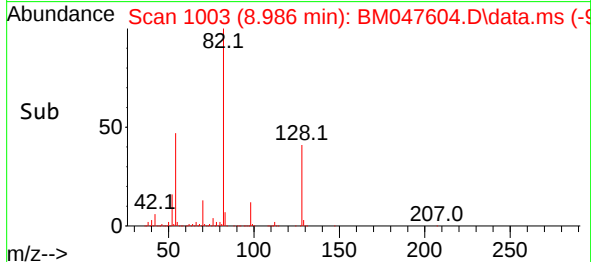
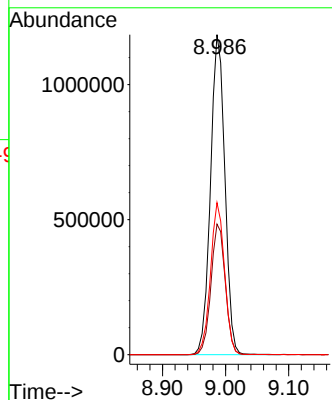
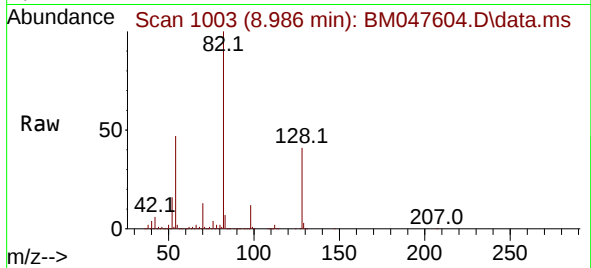




#23
Nitrobenzene-d5
Concen: 78.653 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

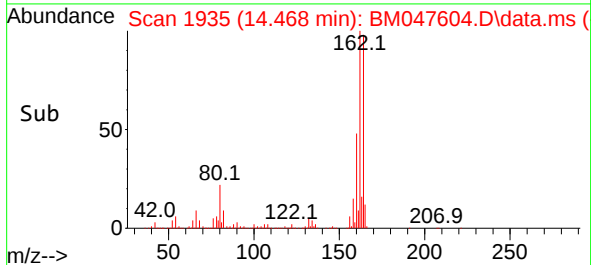
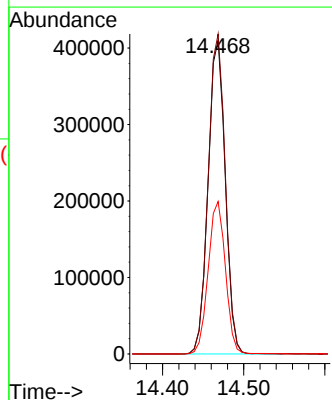
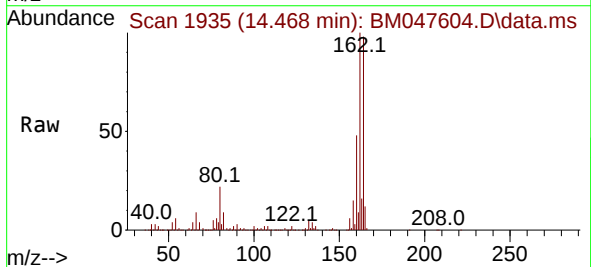
Instrument :
BNA_M
ClientSampleId :
S1-6

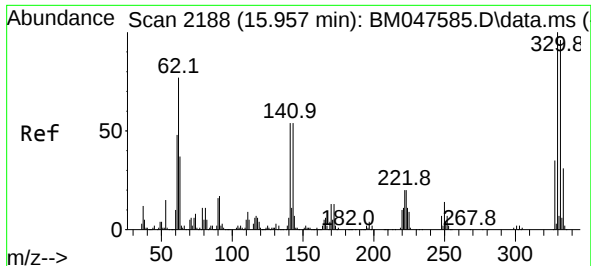
Tgt Ion: 82 Resp: 1871911
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 47.5 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

Tgt Ion:164 Resp: 598833
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 48.6 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 121.509 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047604.D

Acq: 23 Sep 2024 15:04

Instrument :

BNA_M

ClientSampleId :

S1-6

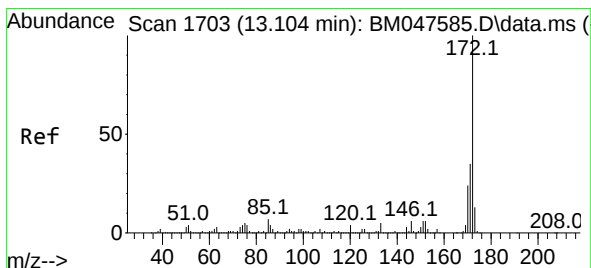
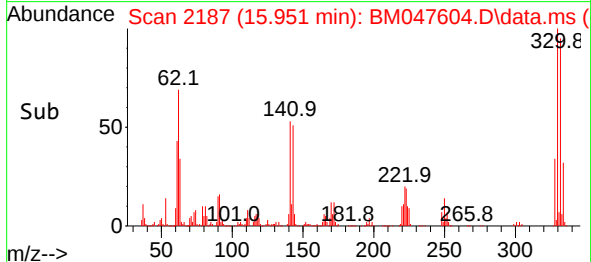
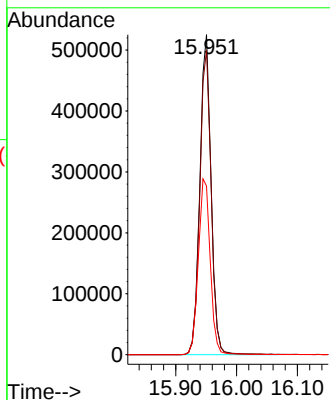
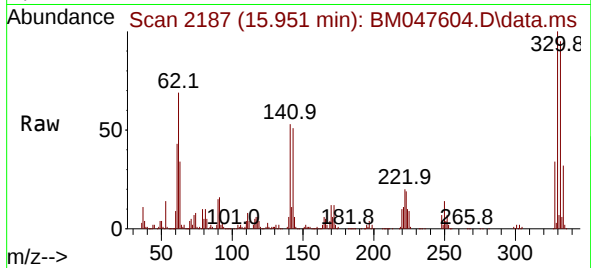
Tgt Ion:330 Resp: 673768

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 58.3 45.9 68.9



#45

2-Fluorobiphenyl

Concen: 80.746 ng

RT: 13.092 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM047604.D

Acq: 23 Sep 2024 15:04

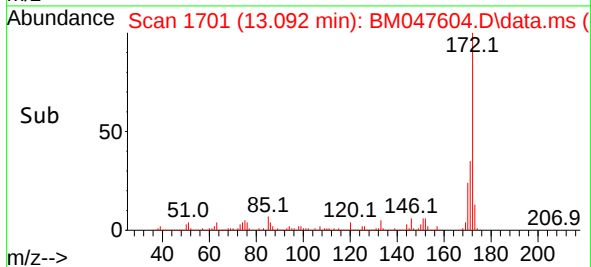
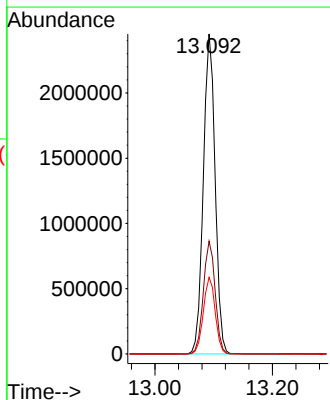
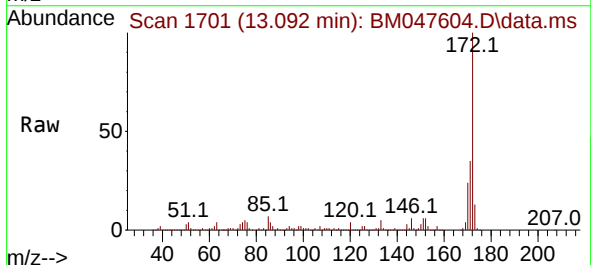
Tgt Ion:172 Resp: 3417263

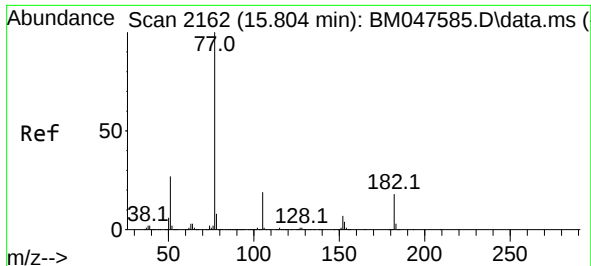
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 24.0 19.0 28.6

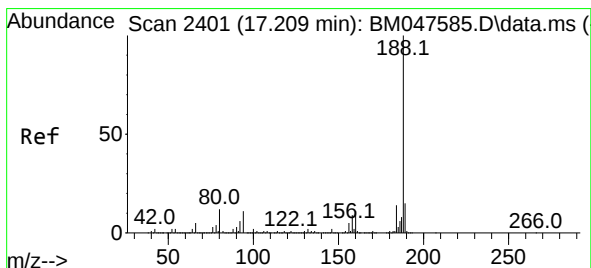
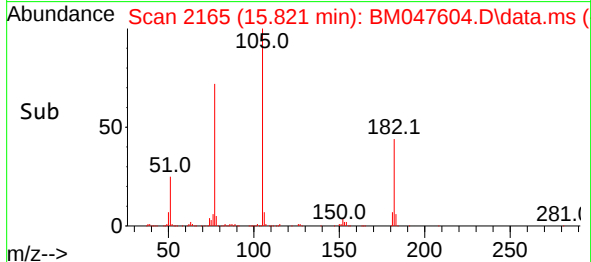
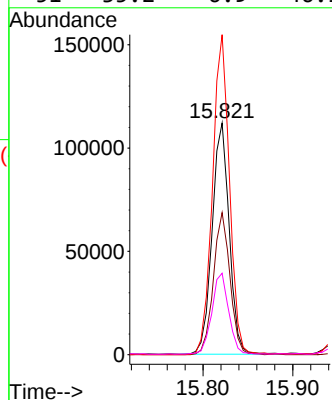
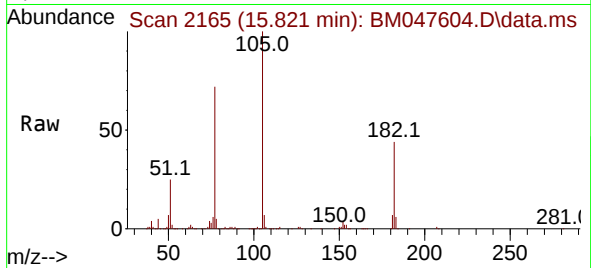




#63
Azobenzene
Concen: 3.062 ng
RT: 15.821 min Scan# 2165
Delta R.T. 0.018 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

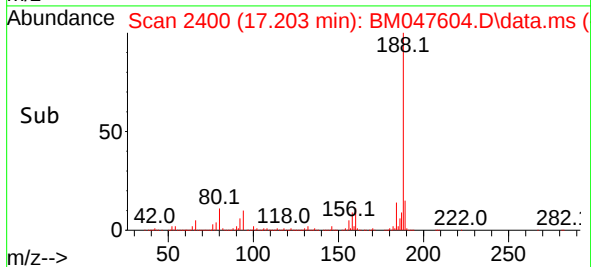
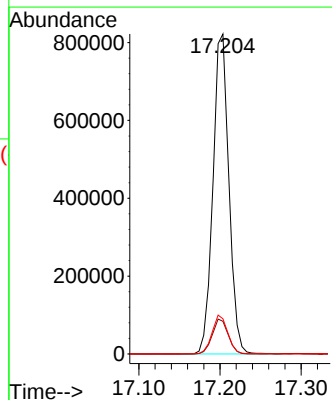
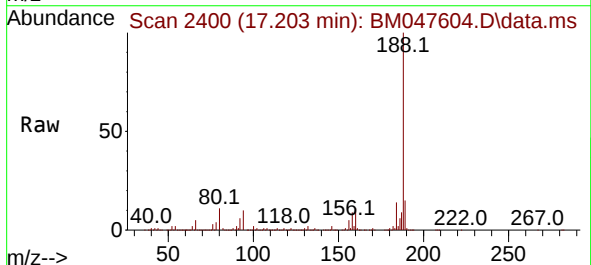
Instrument :
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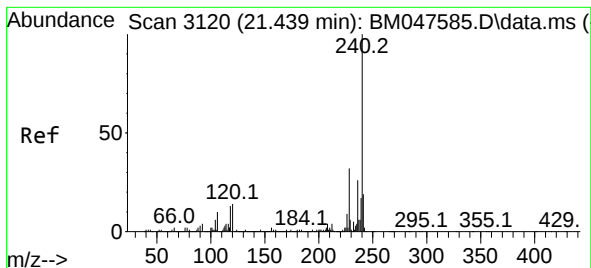
Tgt Ion: 77 Resp: 147552
Ion Ratio Lower Upper
77 100
182 61.3 0.0 38.2#
105 138.1 0.0 38.8#
51 35.2 6.9 46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

Tgt Ion:188 Resp: 1119861
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 11.0 9.9 14.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047604.D

Acq: 23 Sep 2024 15:04

Instrument :

BNA_M

ClientSampleId :

S1-6

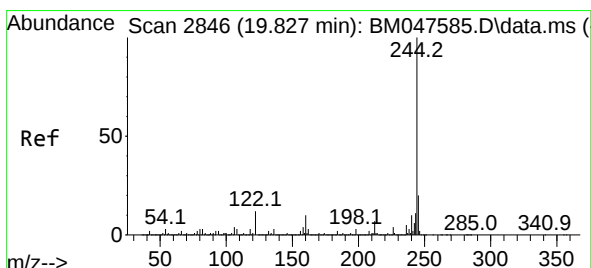
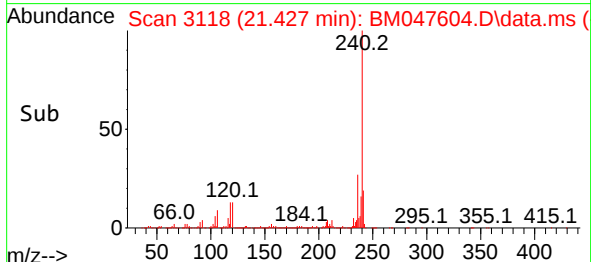
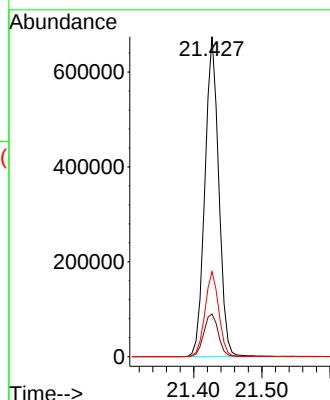
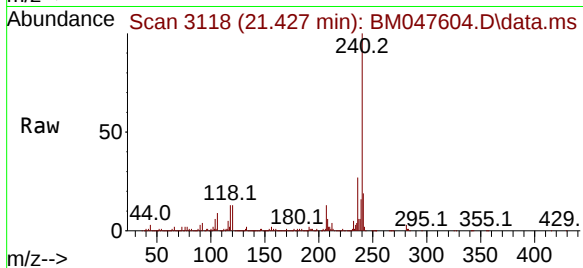
Tgt Ion:240 Resp: 953381

Ion Ratio Lower Upper

240 100

120 13.3 10.8 16.2

236 26.6 20.8 31.2



#79

Terphenyl-d14

Concen: 91.934 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM047604.D

Acq: 23 Sep 2024 15:04

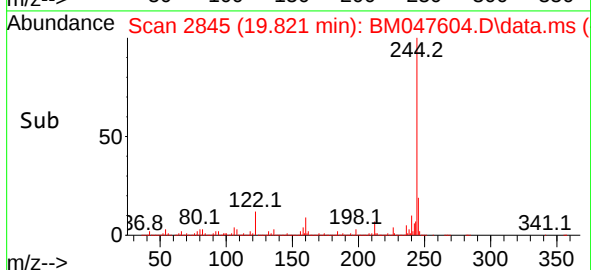
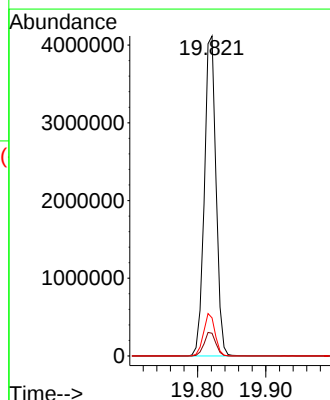
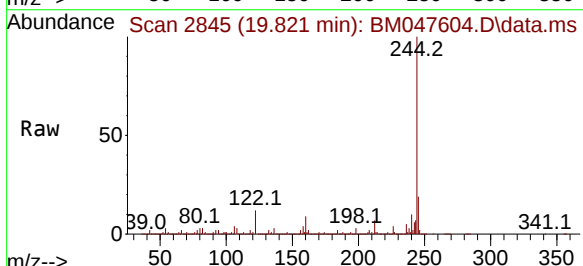
Tgt Ion:244 Resp: 4884884

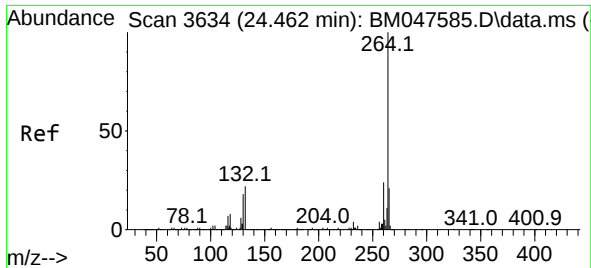
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

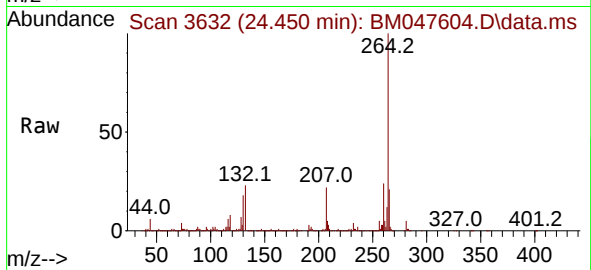
122 11.9 10.0 15.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.450 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047604.D
Acq: 23 Sep 2024 15:04

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 1034355

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.5	17.0	25.6

