

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047606.D
 Acq On : 23 Sep 2024 16:23
 Operator : RC/JU
 Sample : P4139-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 371

Quant Time: Sep 23 17:02:23 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	7.834	152	298364	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	1138621	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	601031	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1171927	20.000	ng	0.00
76) Chrysene-d12	21.427	240	993688	20.000	ng	-0.01
86) Perylene-d12	24.444	264	1073973	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1628488	83.642	ng	-0.01
7) Phenol-d6	6.998	99	2176748	84.850	ng	0.00
23) Nitrobenzene-d5	8.986	82	1323908	57.881	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	434723	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2523385	59.406	ng	-0.01
79) Terphenyl-d14	19.821	244	3754272	67.790	ng	0.00

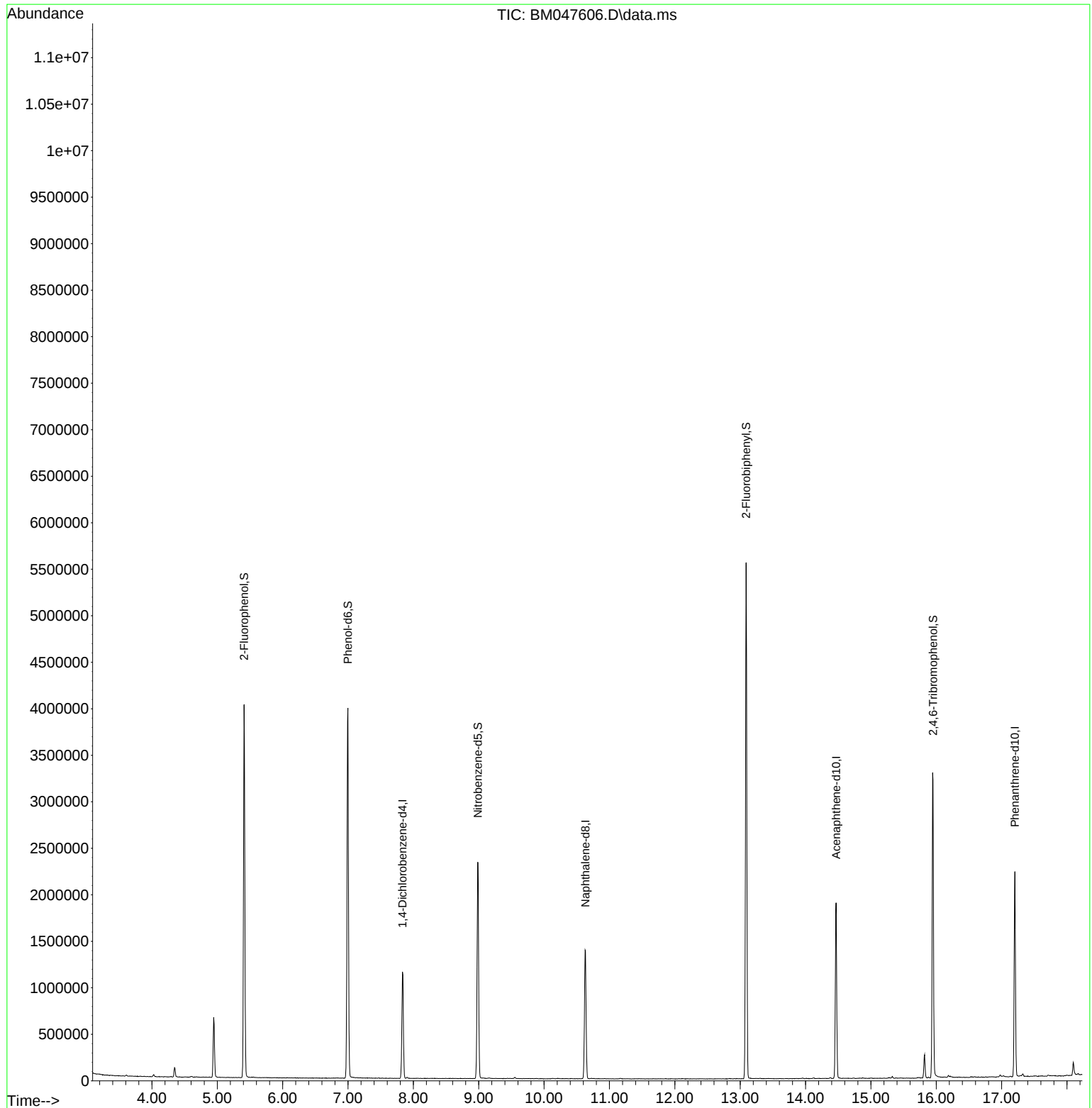
Target Compounds	Qvalue

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

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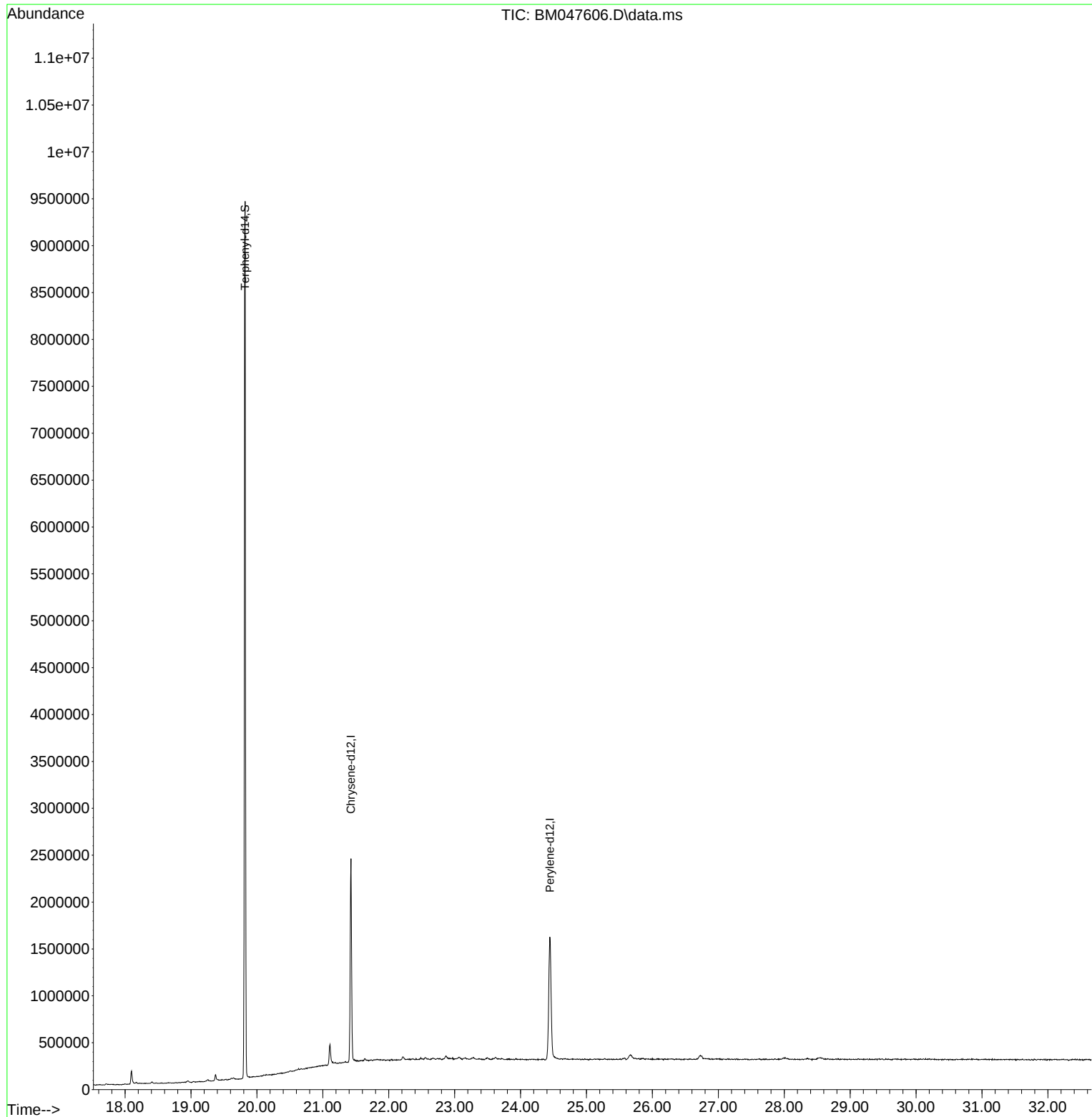
Quant Time: Sep 23 17:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
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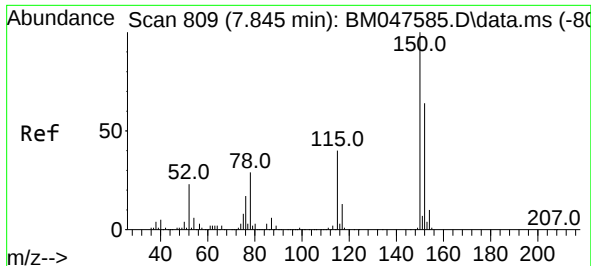


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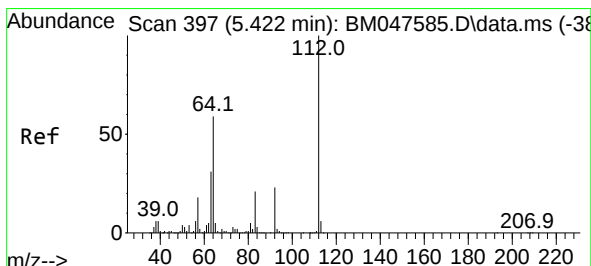
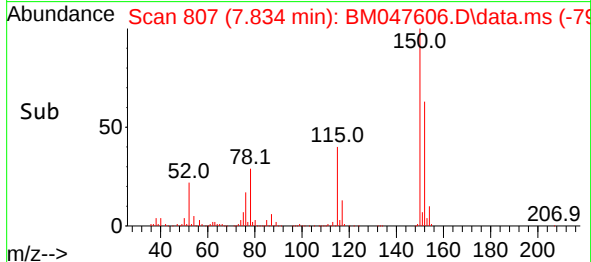
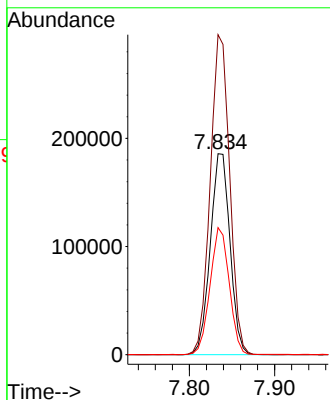
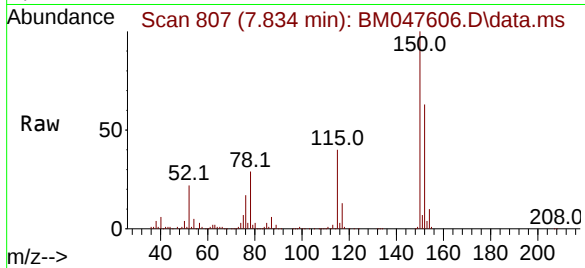




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 809
Delta R.T. -0.011 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

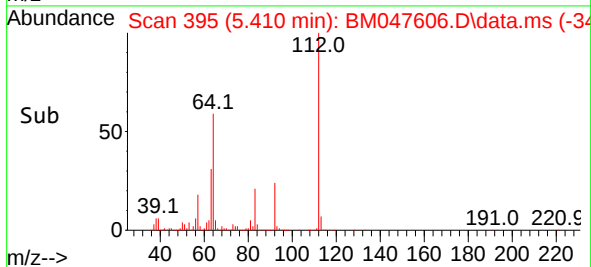
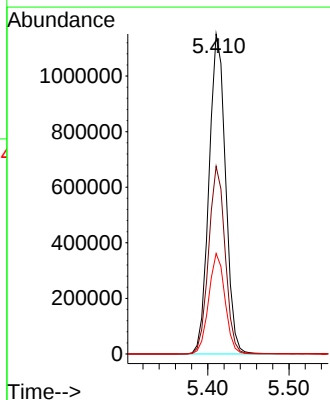
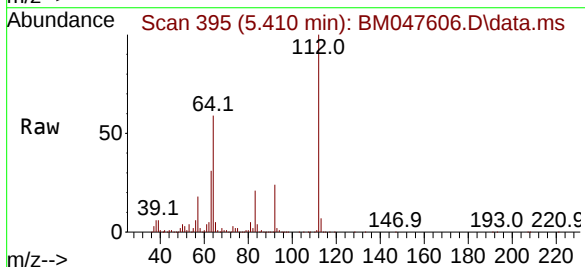
Instrument :
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ClientSampleId :
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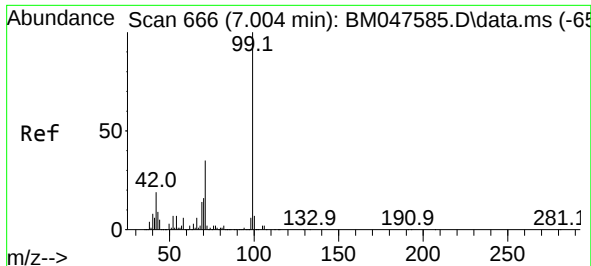
Tgt Ion:152 Resp: 298364
Ion Ratio Lower Upper
152 100
150 159.2 124.5 186.7
115 63.3 49.9 74.9



#5
2-Fluorophenol
Concen: 83.642 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.012 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

Tgt Ion:112 Resp: 1628488
Ion Ratio Lower Upper
112 100
64 58.7 46.8 70.2
63 31.4 25.2 37.8

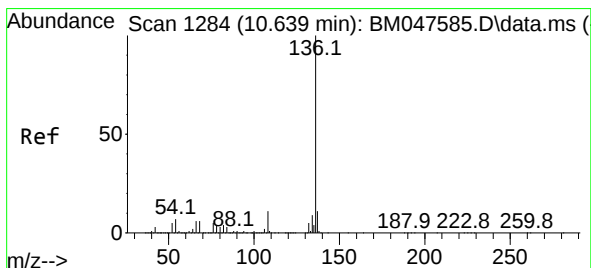
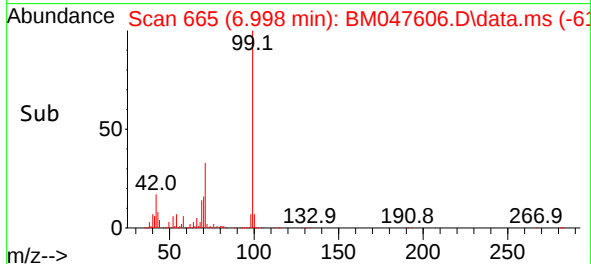
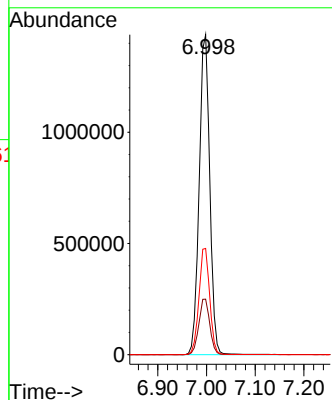
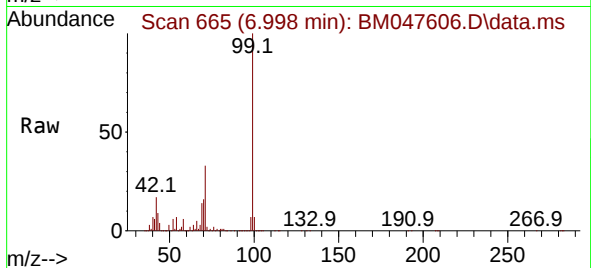




#7
Phenol-d6
Concen: 84.850 ng
RT: 6.998 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

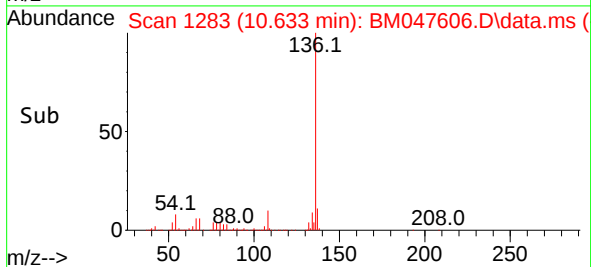
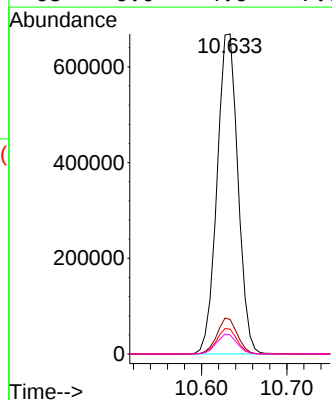
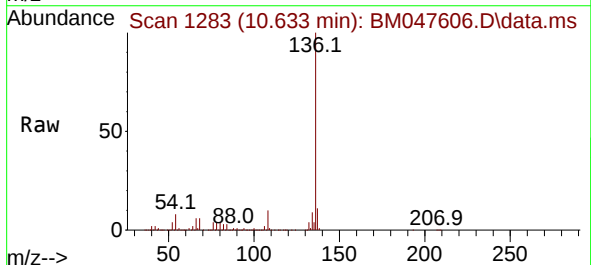
Instrument :
BNA_M
ClientSampleId :
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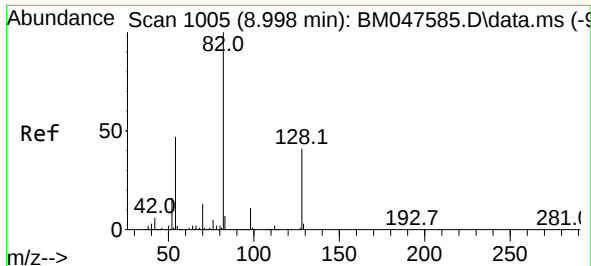
Tgt Ion: 99 Resp: 2176748
Ion Ratio Lower Upper
99 100
42 17.4 15.3 22.9
71 33.2 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

Tgt Ion: 136 Resp: 1138621
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.8 6.0 9.0
68 6.0 4.6 7.0

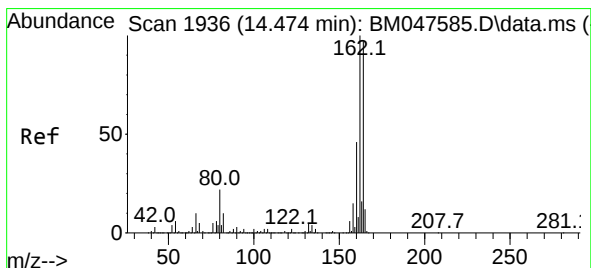
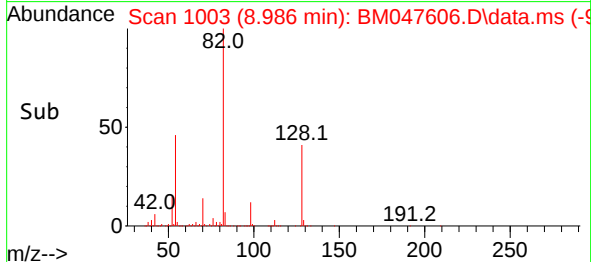
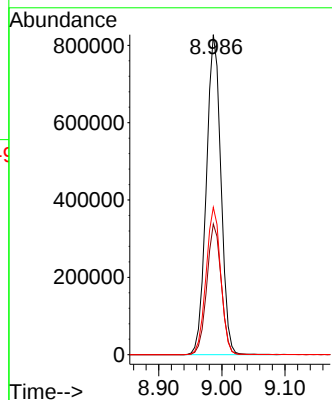
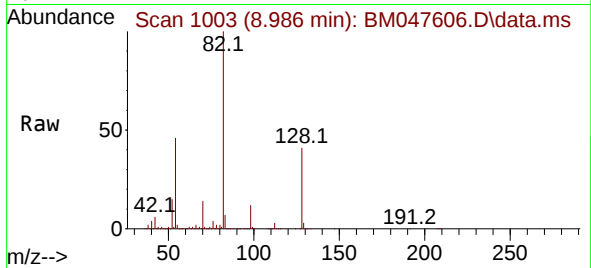




#23
Nitrobenzene-d5
Concen: 57.881 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

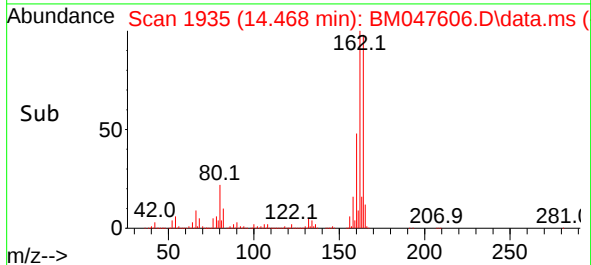
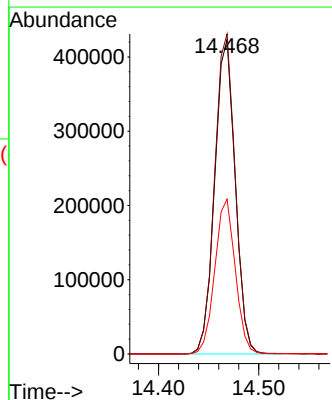
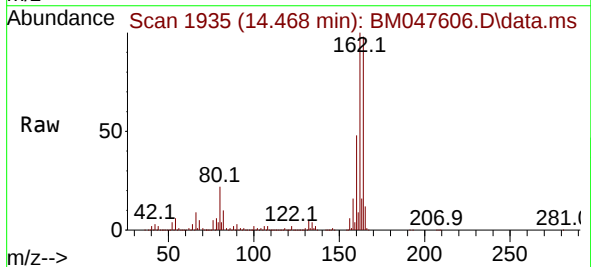
Instrument :
BNA_M
ClientSampleId :
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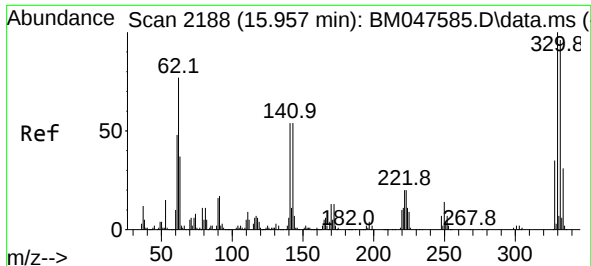
Tgt Ion: 82 Resp: 1323908
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 46.0 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

Tgt Ion:164 Resp: 601031
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 49.2 37.8 56.6

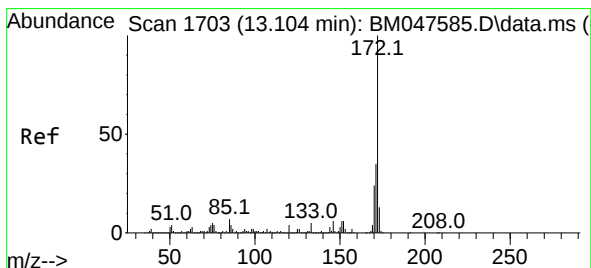
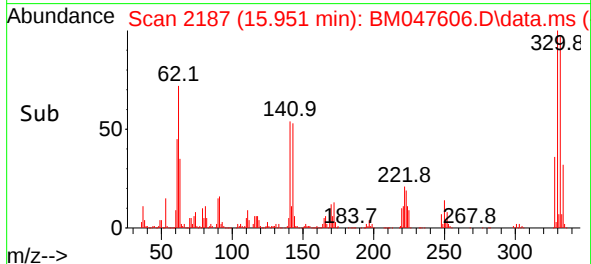
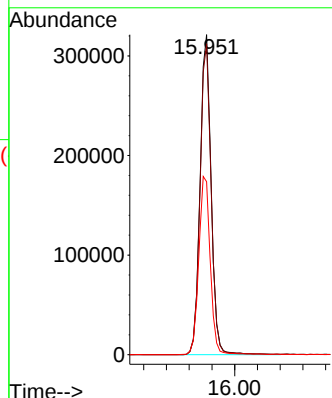
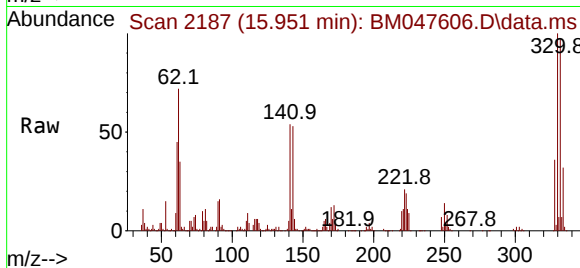




#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

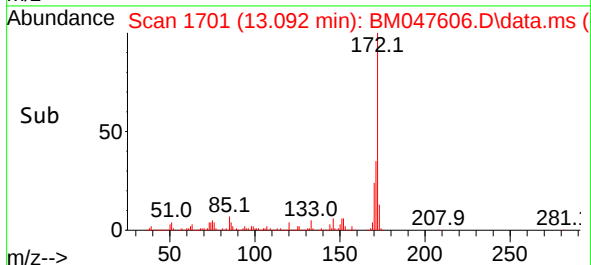
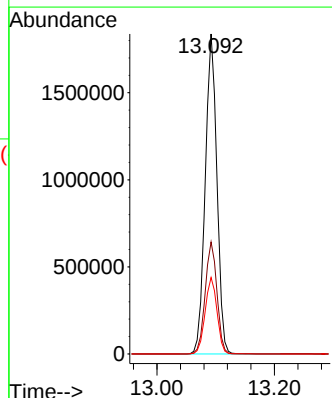
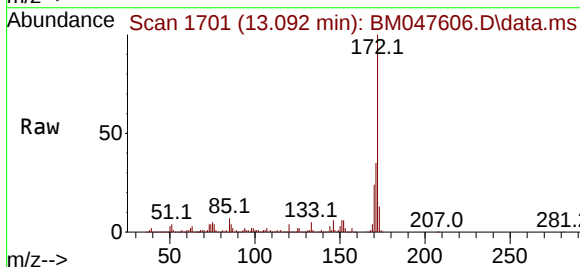
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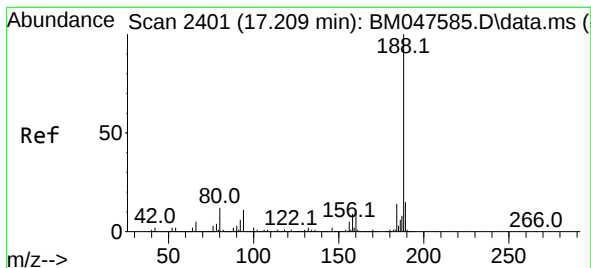
Tgt Ion:330 Resp: 434723
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 58.1 45.9 68.9



#45
2-Fluorobiphenyl
Concen: 59.406 ng
RT: 13.092 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM047606.D
Acq: 23 Sep 2024 16:23

Tgt Ion:172 Resp: 2523385
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 24

Delta R.T. -0.005 min

Lab File: BM047606.D

Acq: 23 Sep 2024 16:23

Instrument :

BNA_M

ClientSampleId :

371

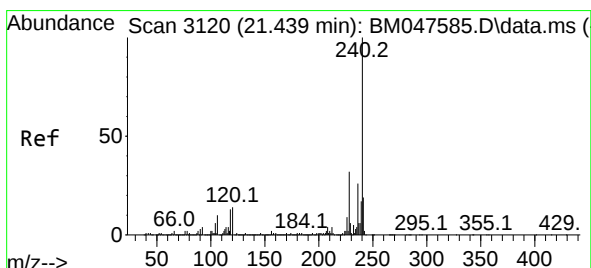
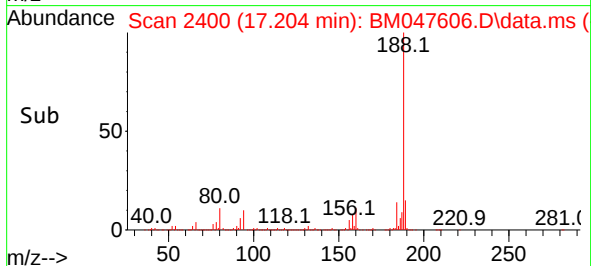
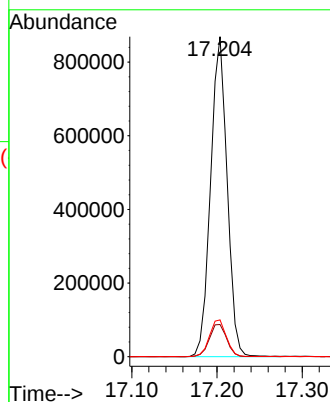
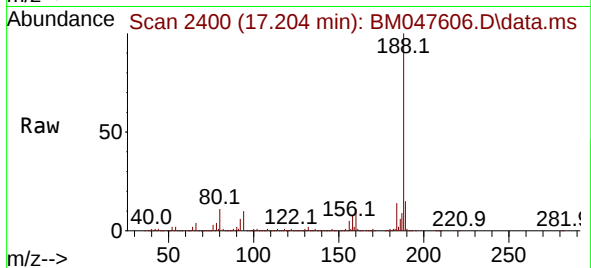
Tgt Ion:188 Resp: 1171927

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

80 11.5 9.9 14.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BM047606.D

Acq: 23 Sep 2024 16:23

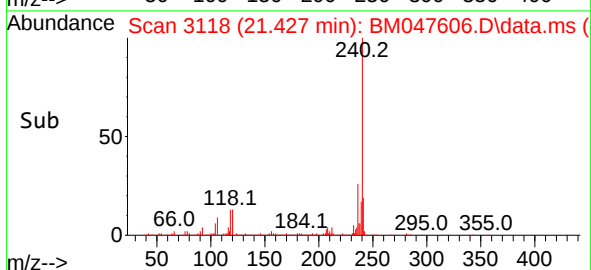
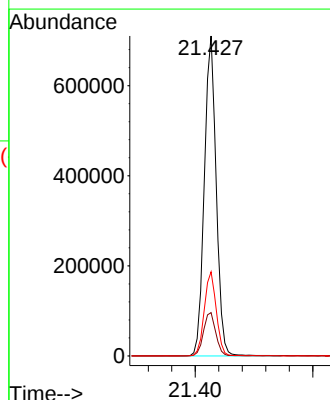
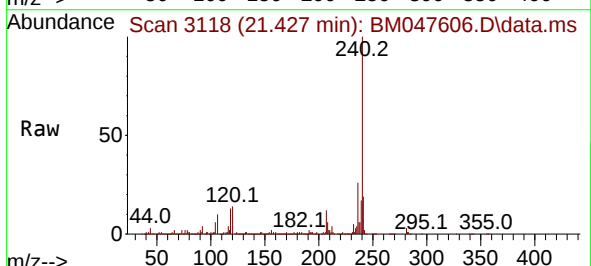
Tgt Ion:240 Resp: 993688

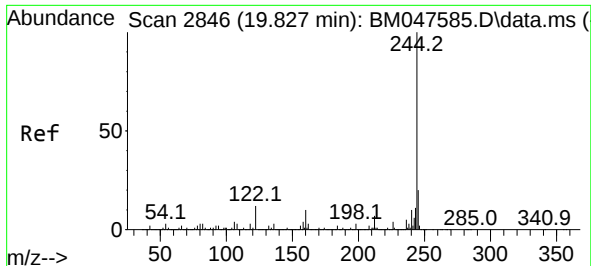
Ion Ratio Lower Upper

240 100

120 13.5 10.8 16.2

236 26.3 20.8 31.2

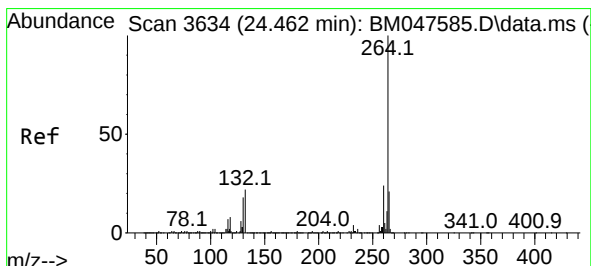
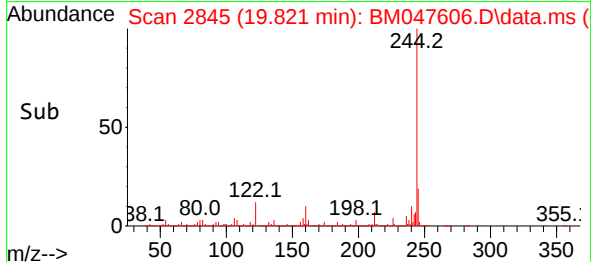
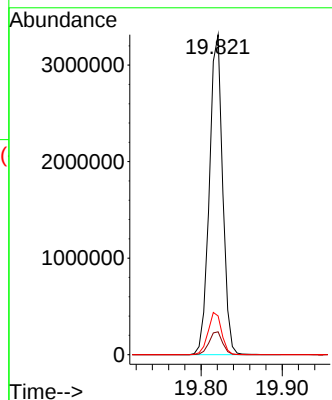
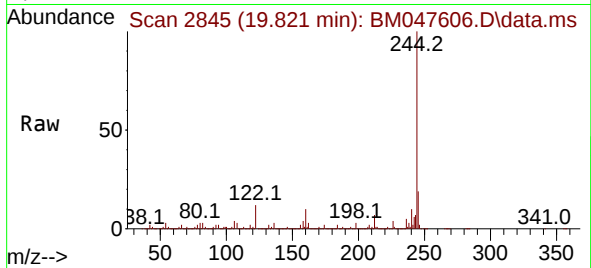




#79
 Terphenyl-d14
 Concen: 67.790 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047606.D
 Acq: 23 Sep 2024 16:23

Instrument :
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Tgt Ion:244 Resp: 3754272
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.1 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.444 min Scan# 3631
 Delta R.T. -0.018 min
 Lab File: BM047606.D
 Acq: 23 Sep 2024 16:23

Tgt Ion:264 Resp: 1073973
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.5 17.0 25.6

