

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047406.D
 Acq On : 30 Aug 2024 15:00
 Operator : RC/JU
 Sample : P3794-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24376

Quant Time: Aug 30 15:35:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	230696	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	826638	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	541762	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1024294	20.000	ng	0.00
76) Chrysene-d12	21.021	240	845151	20.000	ng	0.00
86) Perylene-d12	23.721	264	951227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1187431	98.751	ng	0.00
7) Phenol-d6	6.569	99	1497553	91.423	ng	0.00
23) Nitrobenzene-d5	8.492	82	984985	66.114	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	616633	94.340	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2340500	66.379	ng	0.00
79) Terphenyl-d14	19.439	244	3077791	64.821	ng	0.00

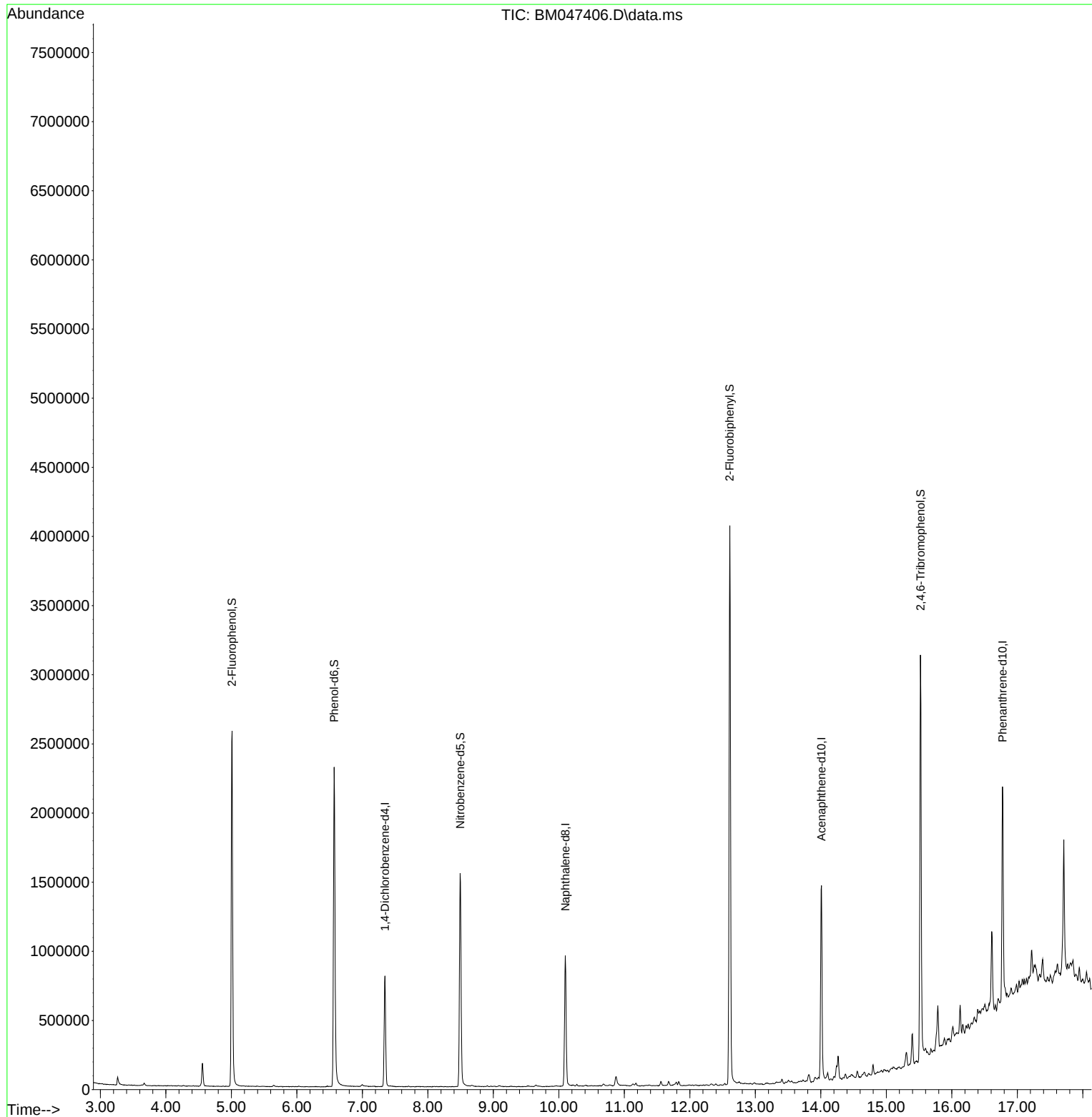
Target Compounds	Qvalue

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

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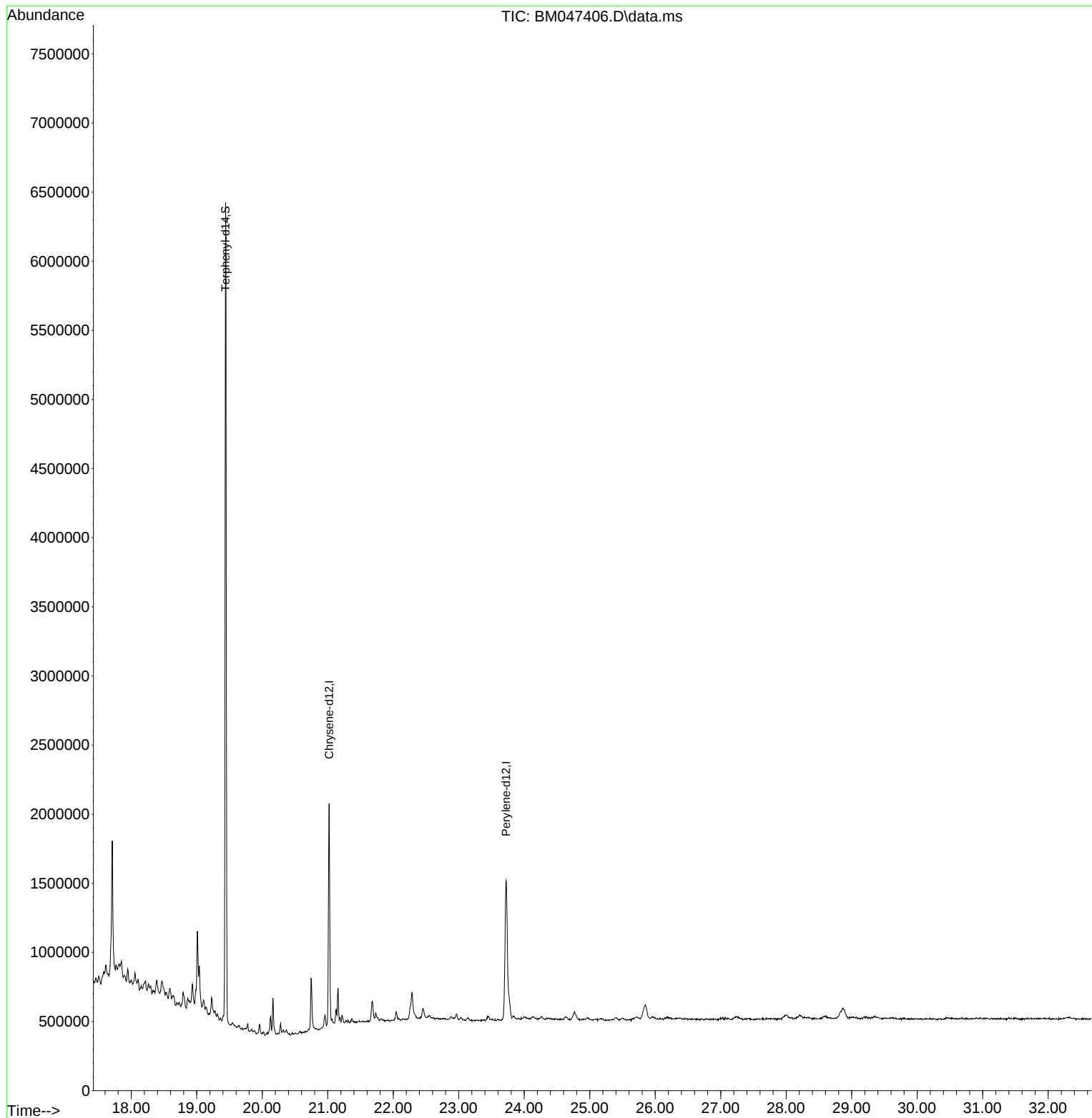
Quant Time: Aug 30 15:35:29 2024
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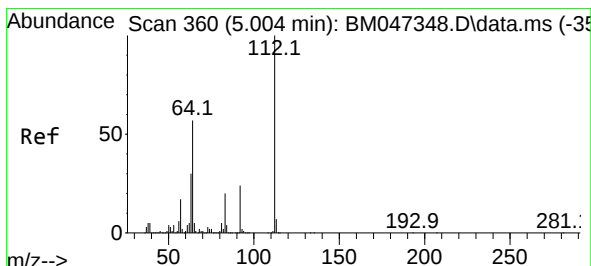
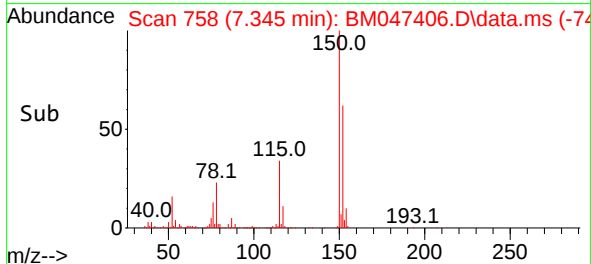
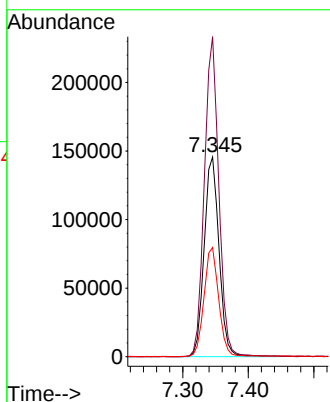
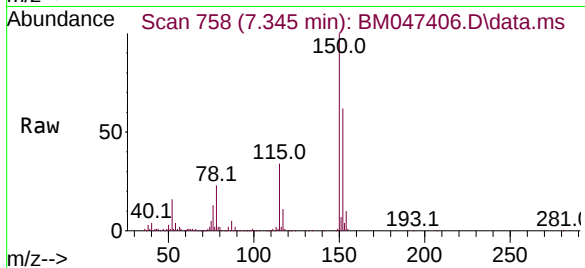




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM047406.D
 Acq: 30 Aug 2024 15:00

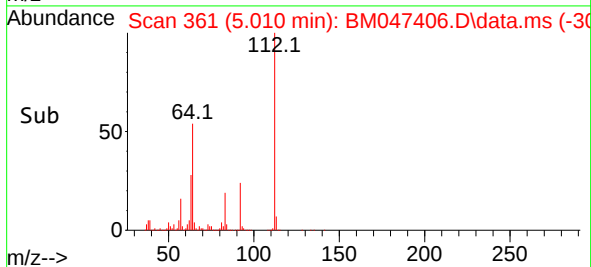
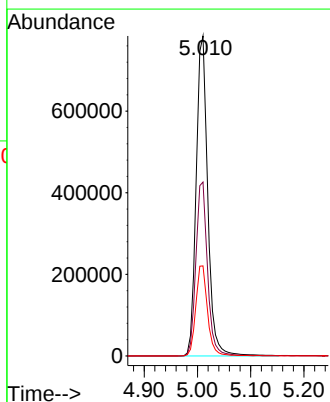
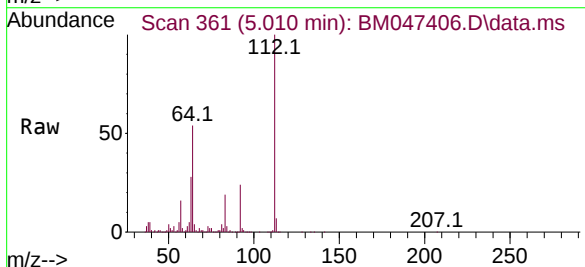
Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24376

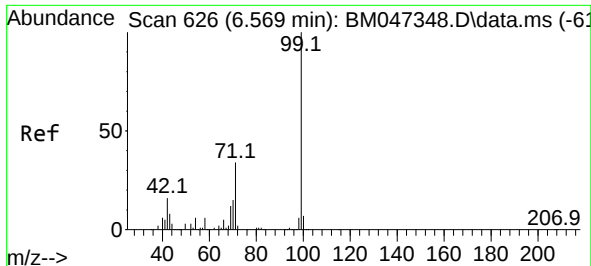
Tgt Ion:152 Resp: 230696
 Ion Ratio Lower Upper
 152 100
 150 160.2 121.3 181.9
 115 54.6 42.6 64.0



#5
 2-Fluorophenol
 Concen: 98.751 ng
 RT: 5.010 min Scan# 361
 Delta R.T. 0.006 min
 Lab File: BM047406.D
 Acq: 30 Aug 2024 15:00

Tgt Ion:112 Resp: 1187431
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.7 68.5
 63 28.1 23.8 35.8

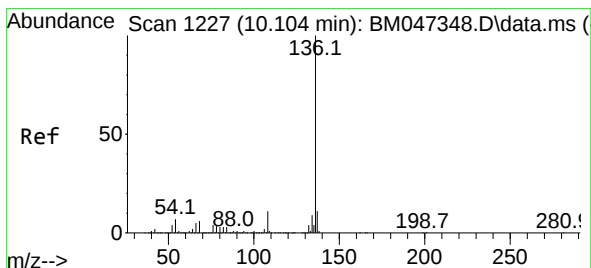
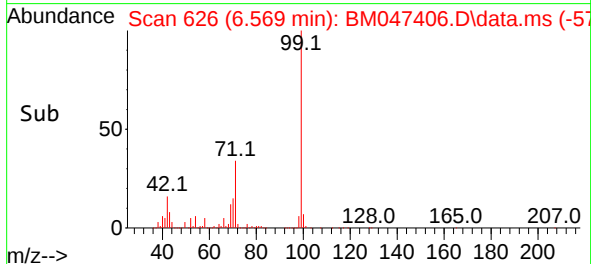
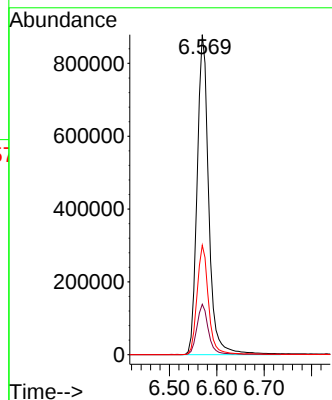
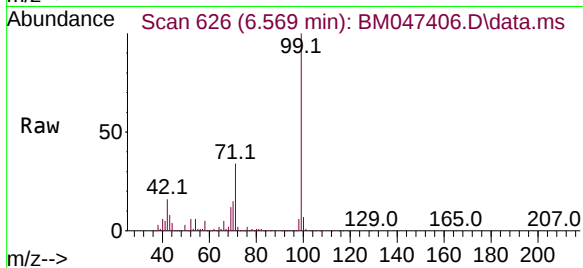




#7
Phenol-d6
Concen: 91.423 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047406.D
Acq: 30 Aug 2024 15:00

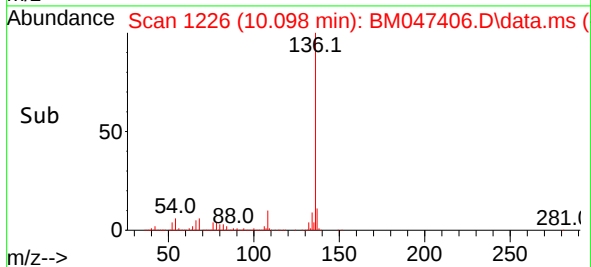
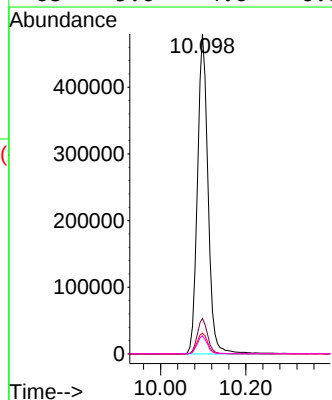
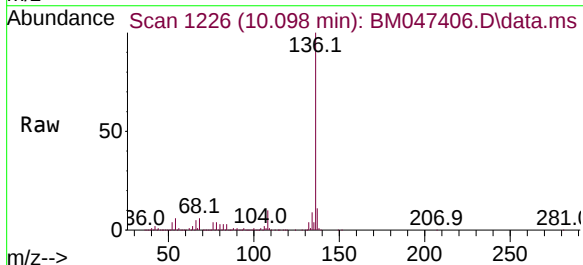
Instrument :
BNA_M
ClientSampleId :
CHRT-24376

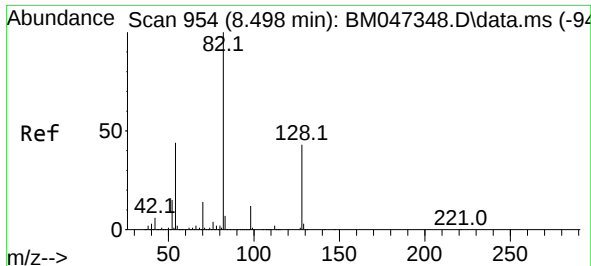
Tgt Ion: 99 Resp: 1497553
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 34.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047406.D
Acq: 30 Aug 2024 15:00

Tgt Ion:136 Resp: 826638
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.2 7.8
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.114 ng

RT: 8.492 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM047406.D

Acq: 30 Aug 2024 15:00

Instrument :

BNA_M

ClientSampleId :

CHRT-24376

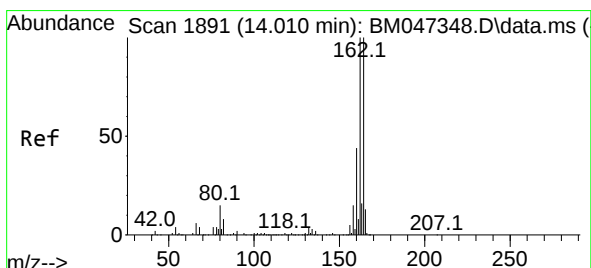
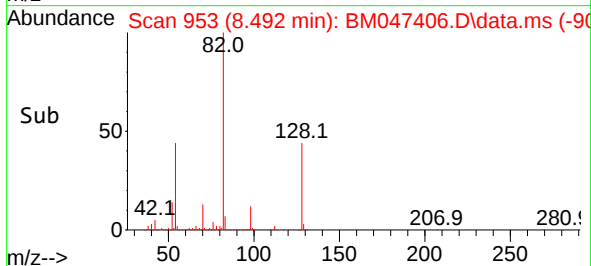
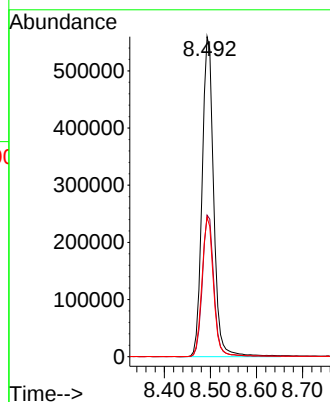
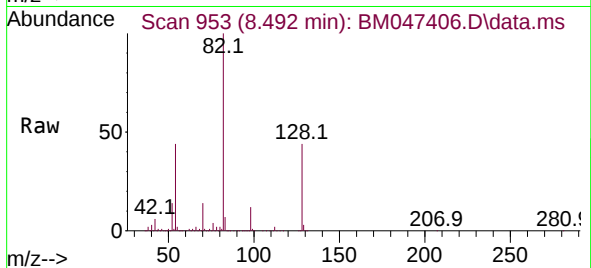
Tgt Ion: 82 Resp: 984985

Ion Ratio Lower Upper

82 100

128 44.3 34.6 51.8

54 43.6 35.5 53.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.010 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BM047406.D

Acq: 30 Aug 2024 15:00

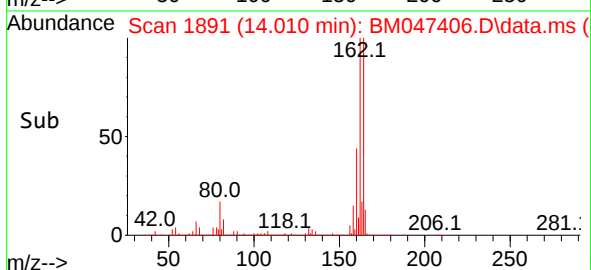
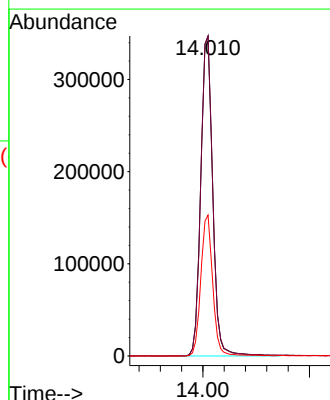
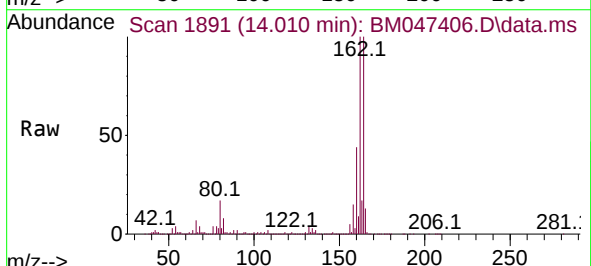
Tgt Ion:164 Resp: 541762

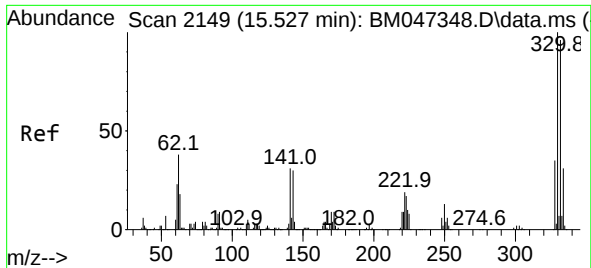
Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

160 44.0 34.9 52.3

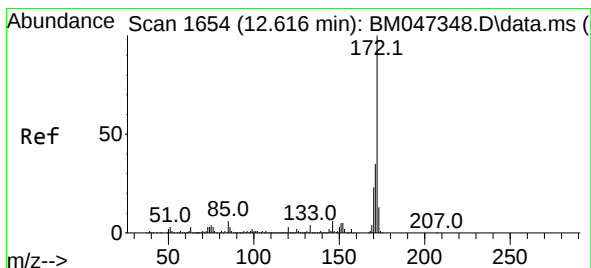
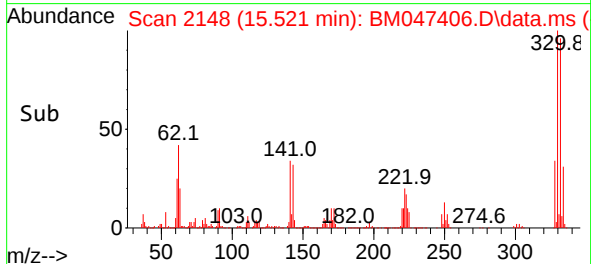
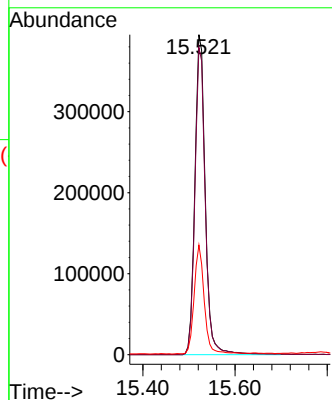
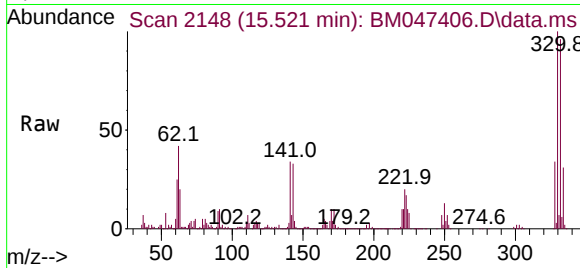




#42
 2,4,6-Tribromophenol
 Concen: 94.340 ng
 RT: 15.521 min Scan# 2149
 Delta R.T. -0.006 min
 Lab File: BM047406.D
 Acq: 30 Aug 2024 15:00

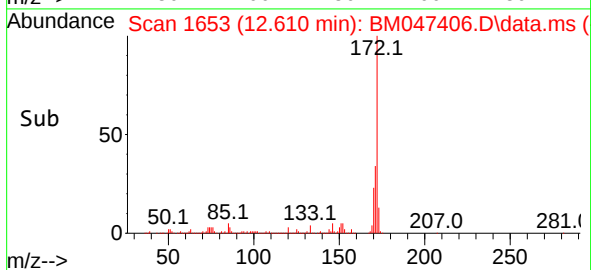
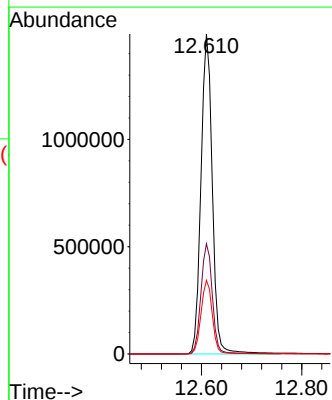
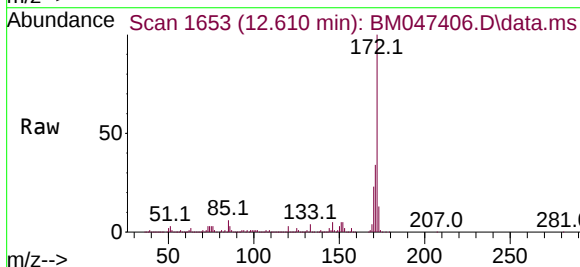
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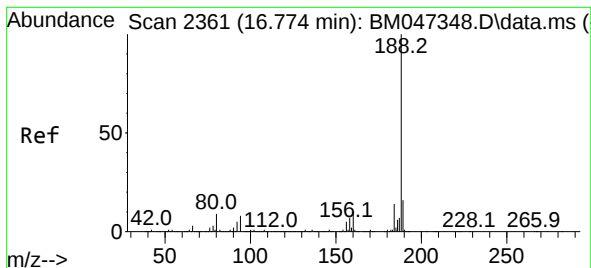
Tgt Ion:330 Resp: 616633
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 33.3 27.6 41.4



#45
 2-Fluorobiphenyl
 Concen: 66.379 ng
 RT: 12.610 min Scan# 1653
 Delta R.T. -0.006 min
 Lab File: BM047406.D
 Acq: 30 Aug 2024 15:00

Tgt Ion:172 Resp: 2340500
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.6
 170 23.0 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047406.D

Acq: 30 Aug 2024 15:00

Instrument :

BNA_M

ClientSampleId :

CHRT-24376

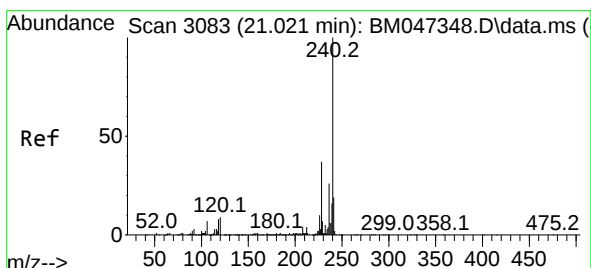
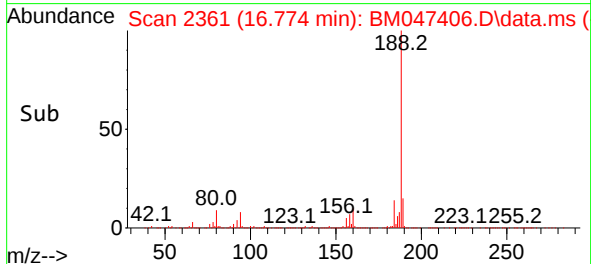
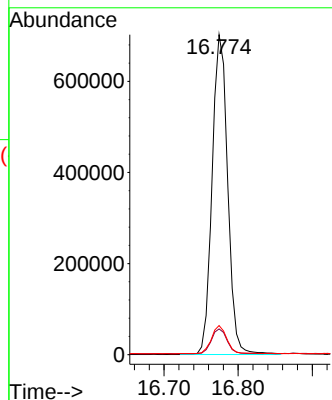
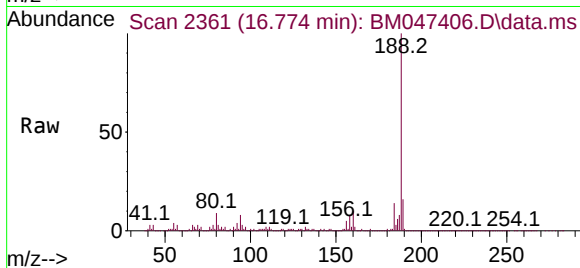
Tgt Ion:188 Resp: 1024294

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.1 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047406.D

Acq: 30 Aug 2024 15:00

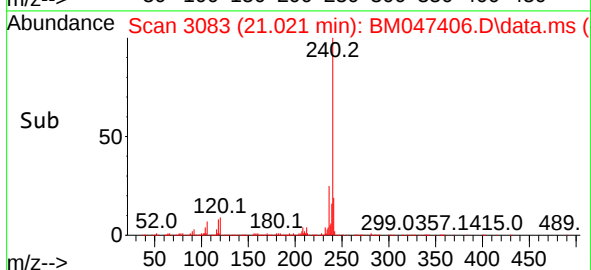
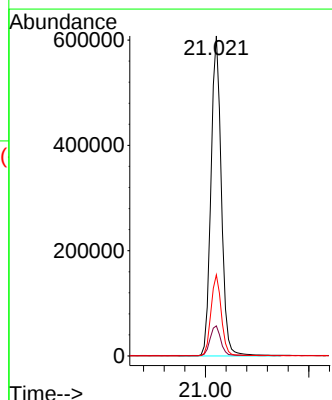
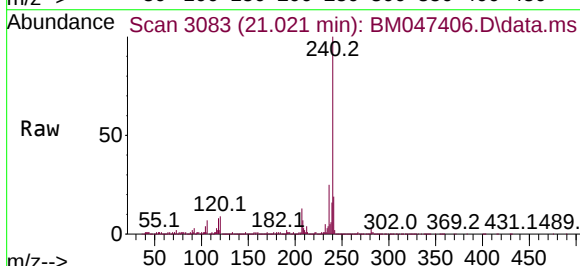
Tgt Ion:240 Resp: 845151

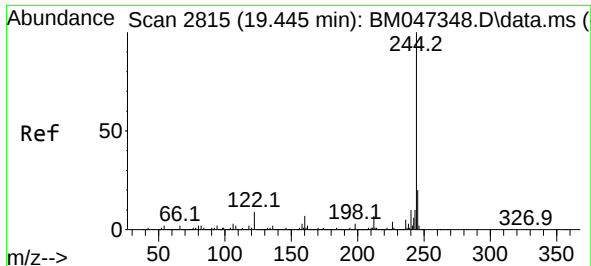
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 25.3 20.8 31.2

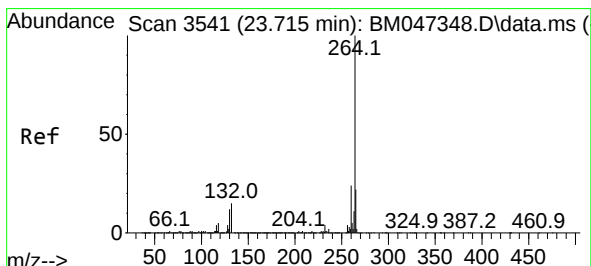
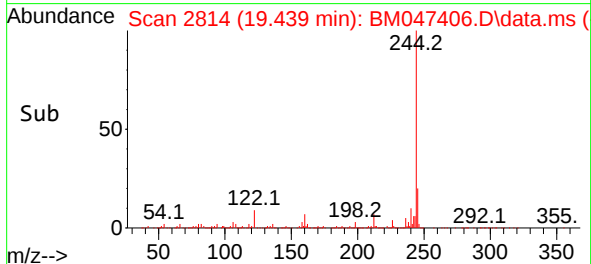
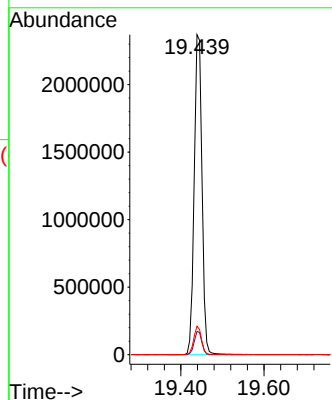
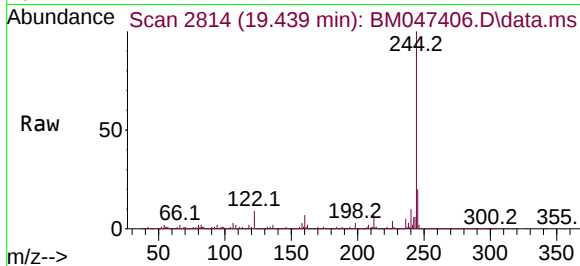




#79
 Terphenyl-d14
 Concen: 64.821 ng
 RT: 19.439 min Scan# 21
 Delta R.T. -0.006 min
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 Acq: 30 Aug 2024 15:00

Instrument :
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 ClientSampleId :
 CHRT-24376

Tgt Ion:244 Resp: 3077791
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. 0.006 min
 Lab File: BM047406.D
 Acq: 30 Aug 2024 15:00

Tgt Ion:264 Resp: 951227
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 22.2 17.8 26.6

