

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047405.D
 Acq On : 30 Aug 2024 14:21
 Operator : RC/JU
 Sample : P3751-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-CMC-ESLAG-1

Quant Time: Aug 30 14:57:38 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)

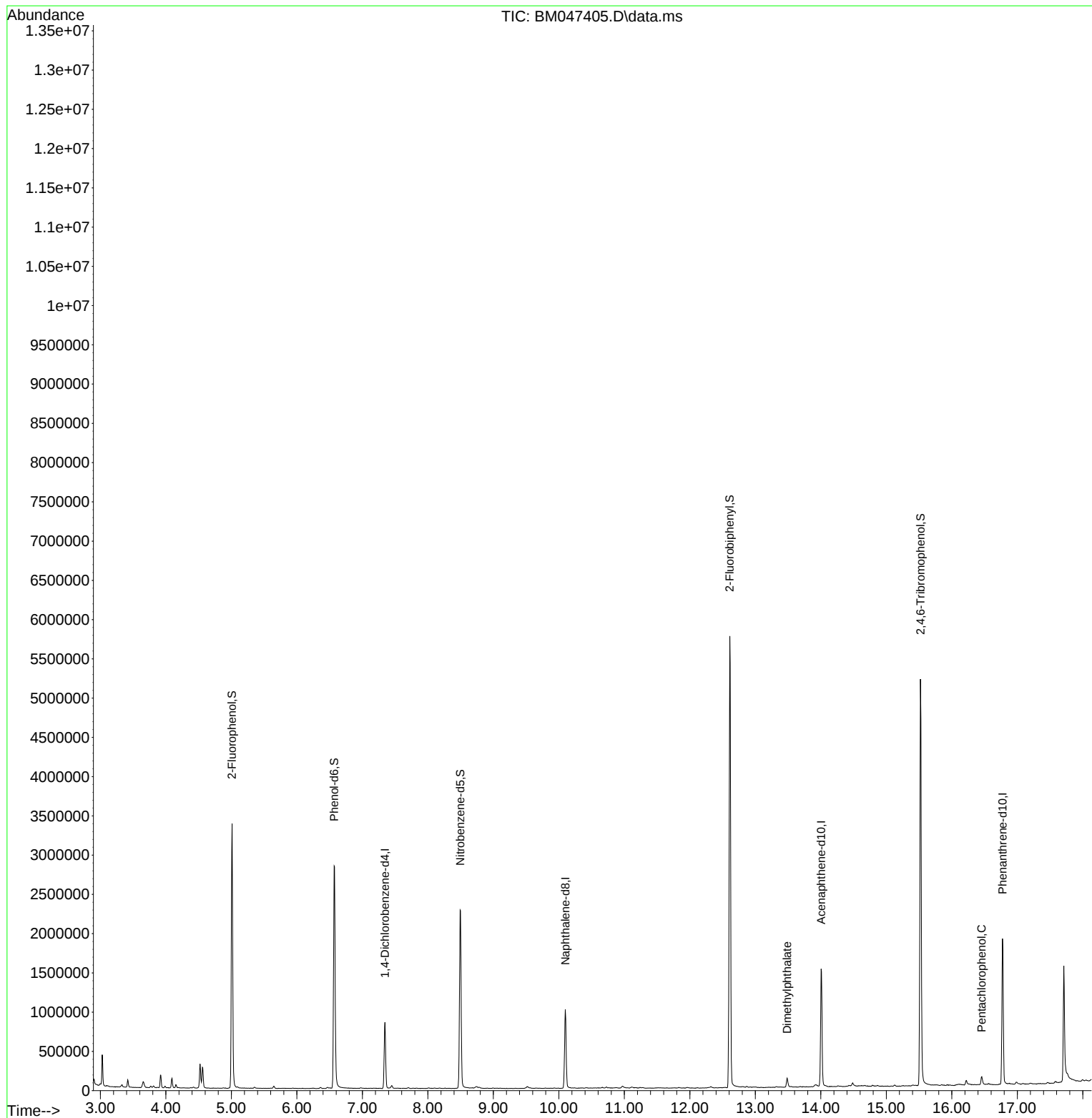
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	241169	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	861937	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	569536	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1188579	20.000	ng	0.00
76) Chrysene-d12	21.021	240	975990	20.000	ng	0.00
86) Perylene-d12	23.721	264	987006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1494673	118.905	ng	0.00
7) Phenol-d6	6.569	99	1851239	108.107	ng	0.00
23) Nitrobenzene-d5	8.493	82	1424468	91.698	ng	0.00
42) 2,4,6-Tribromophenol	15.522	330	1060015	154.266	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	3281415	88.526	ng	0.00
79) Terphenyl-d14	19.445	244	5499345	100.294	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.486	163	83776	2.135	ng	98
70) Pentachlorophenol	16.457	266	26368	2.816	ng	98

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

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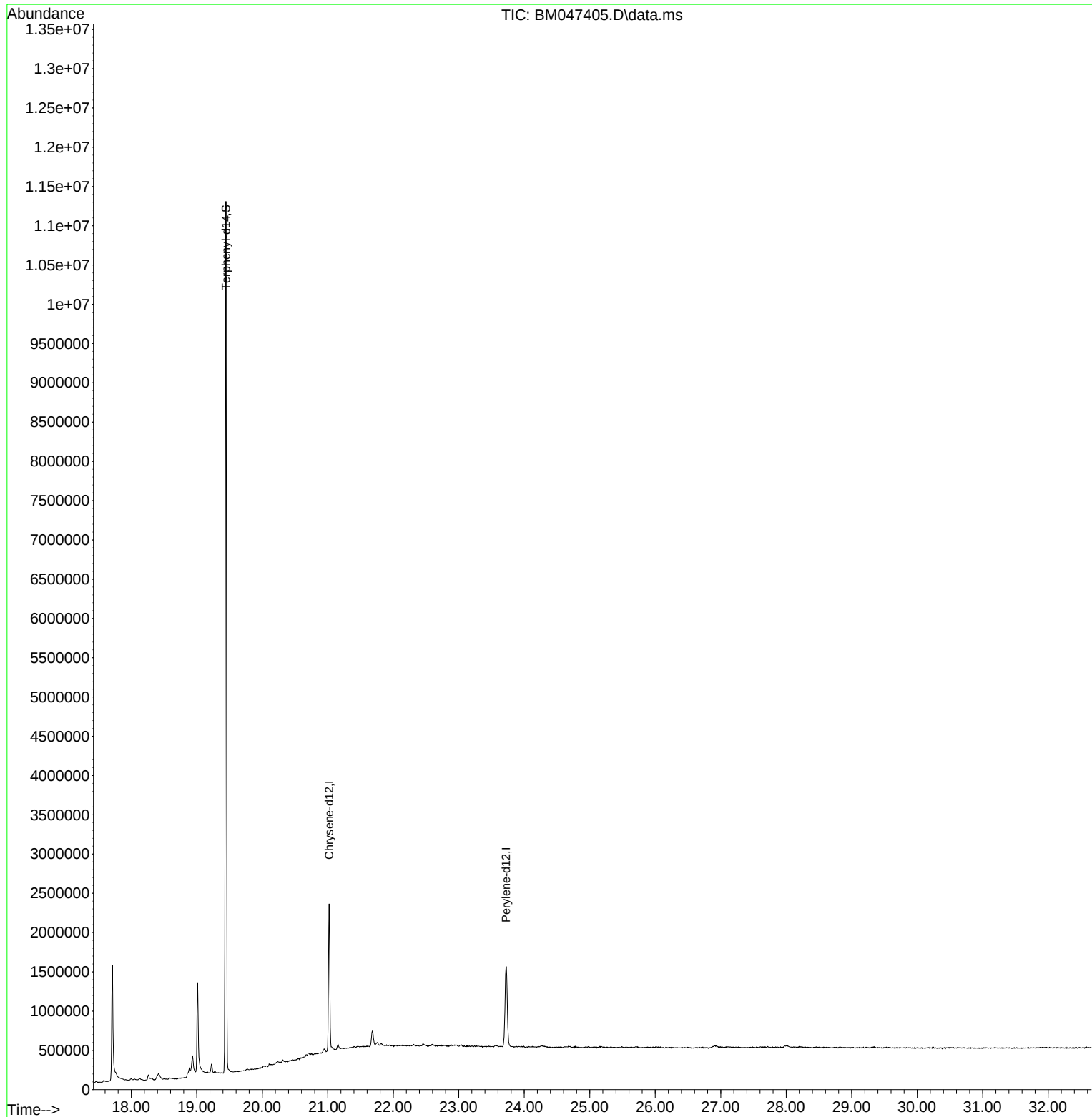
Quant Time: Aug 30 14:57:38 2024
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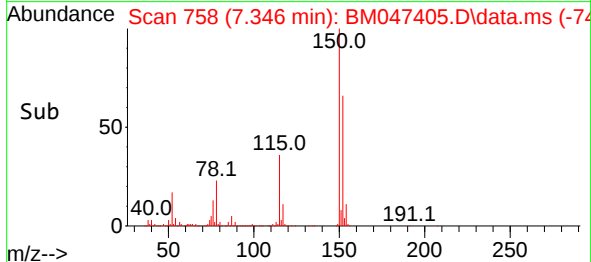
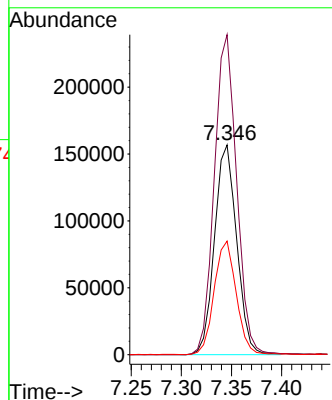
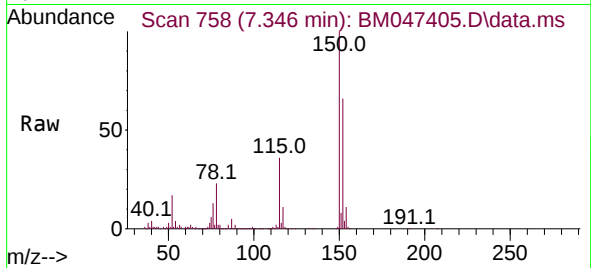




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.346 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BM047405.D
 Acq: 30 Aug 2024 14:21

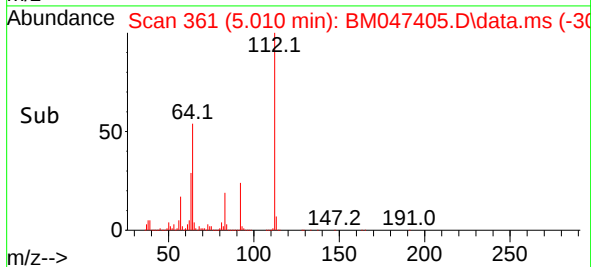
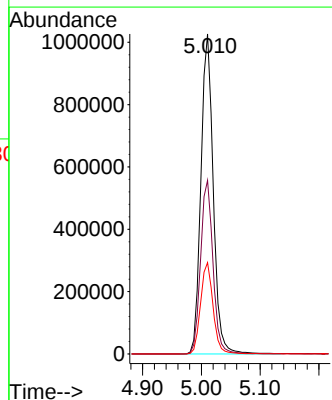
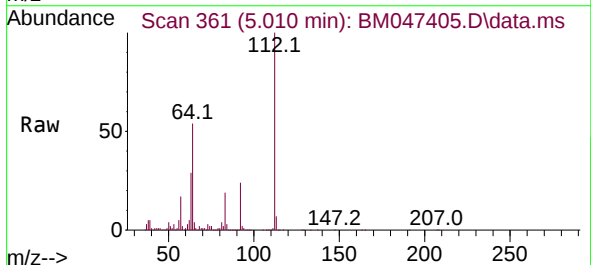
Instrument :
 BNA_M
 ClientSampleId :
 WC-CMC-ESLAG-1

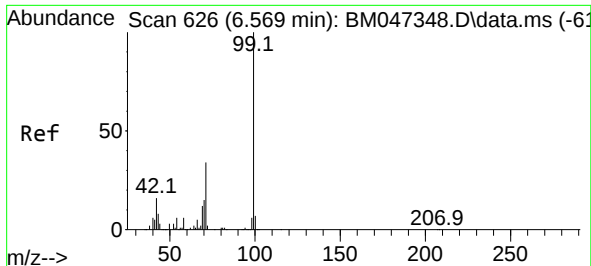
Tgt Ion:152 Resp: 241169
 Ion Ratio Lower Upper
 152 100
 150 152.5 121.3 181.9
 115 54.1 42.6 64.0



#5
 2-Fluorophenol
 Concen: 118.905 ng
 RT: 5.010 min Scan# 361
 Delta R.T. 0.006 min
 Lab File: BM047405.D
 Acq: 30 Aug 2024 14:21

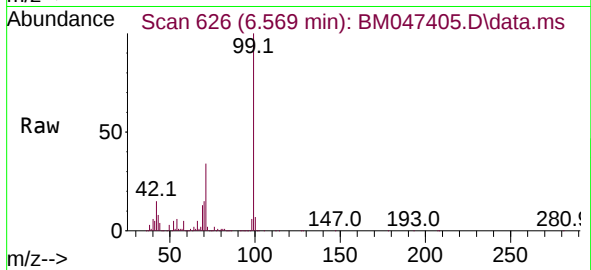
Tgt Ion:112 Resp: 1494673
 Ion Ratio Lower Upper
 112 100
 64 54.2 45.7 68.5
 63 28.6 23.8 35.8



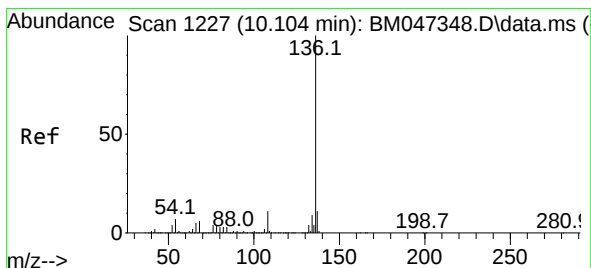
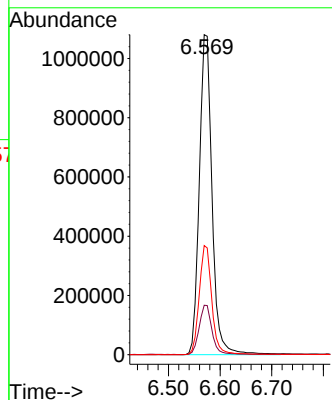
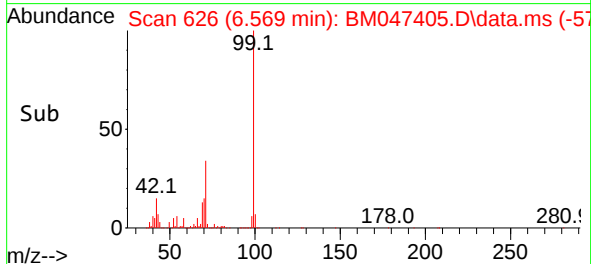


#7
Phenol-d6
Concen: 108.107 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047405.D
Acq: 30 Aug 2024 14:21

Instrument :
BNA_M
ClientSampleId :
WC-CMC-ESLAG-1

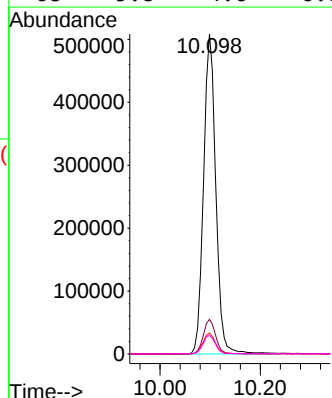
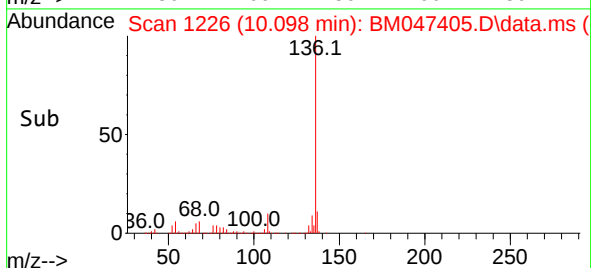
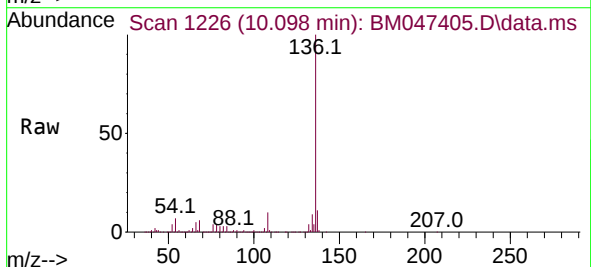


Tgt Ion: 99 Resp: 1851239
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 34.1 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047405.D
Acq: 30 Aug 2024 14:21

Tgt Ion: 136 Resp: 861937
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.2 7.8
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.698 ng

RT: 8.493 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM047405.D

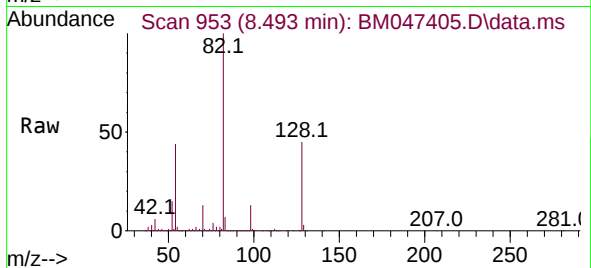
Acq: 30 Aug 2024 14:21

Instrument :

BNA_M

ClientSampleId :

WC-CMC-ESLAG-1



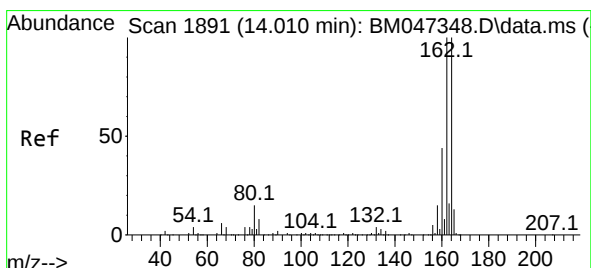
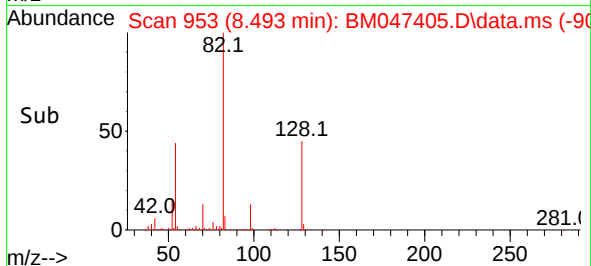
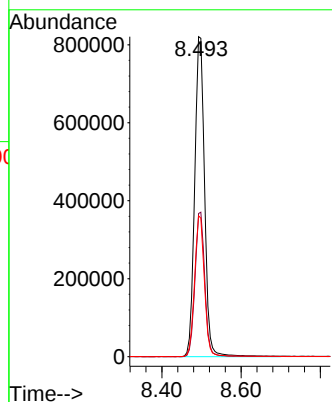
Tgt Ion: 82 Resp: 1424468

Ion Ratio Lower Upper

82 100

128 44.7 34.6 51.8

54 44.0 35.5 53.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.004 min Scan# 1890

Delta R.T. -0.006 min

Lab File: BM047405.D

Acq: 30 Aug 2024 14:21

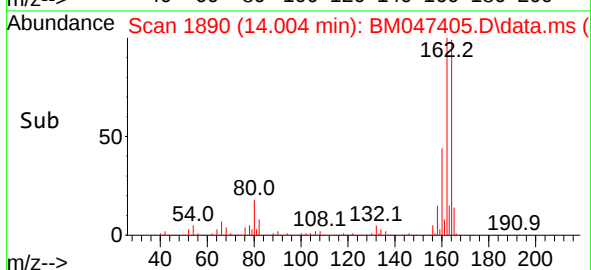
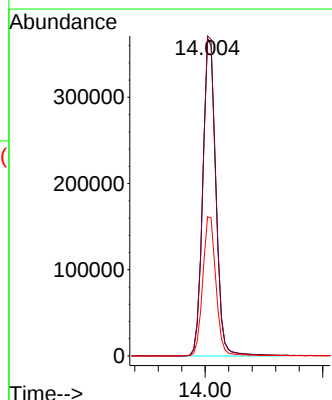
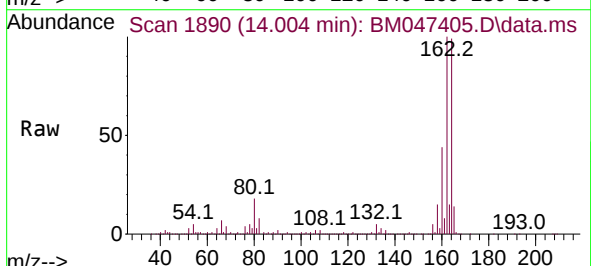
Tgt Ion: 164 Resp: 569536

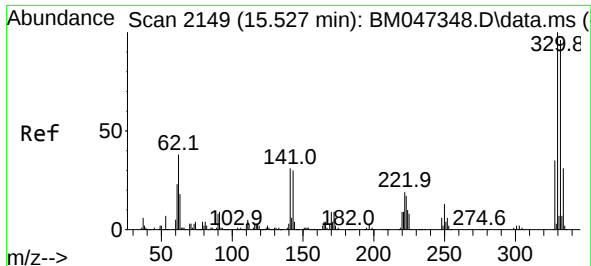
Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

160 43.8 34.9 52.3

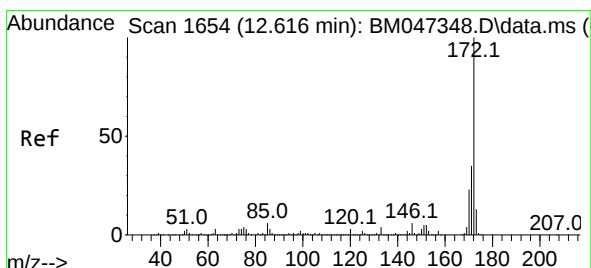
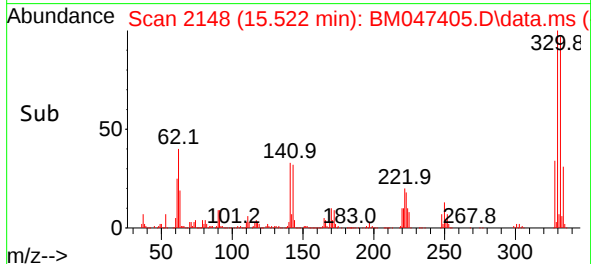
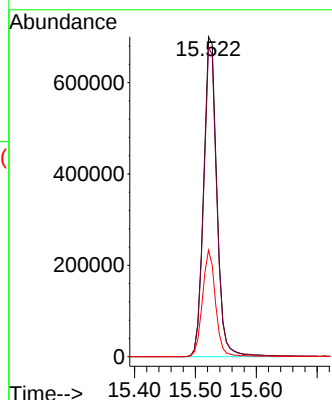
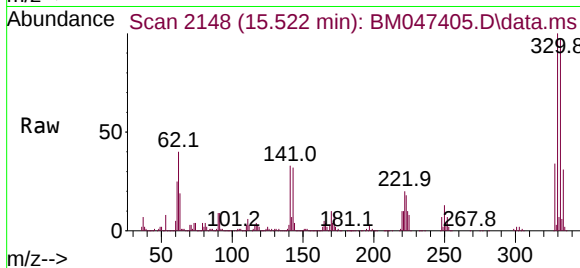




#42
2,4,6-Tribromophenol
Concen: 154.266 ng
RT: 15.522 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047405.D
Acq: 30 Aug 2024 14:21

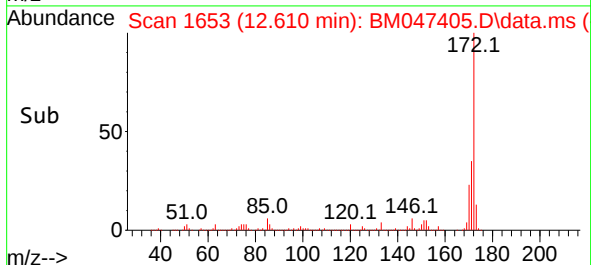
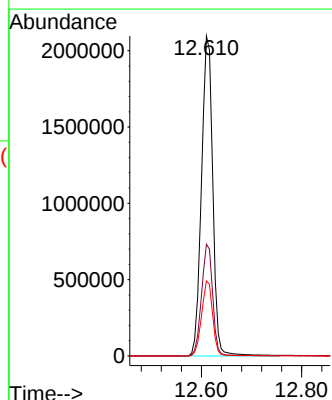
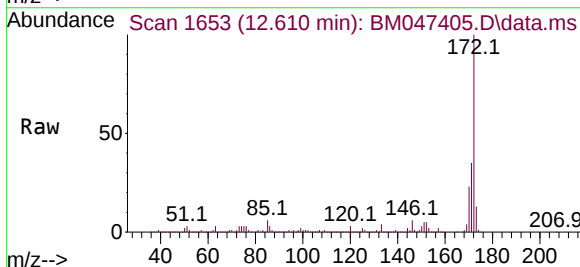
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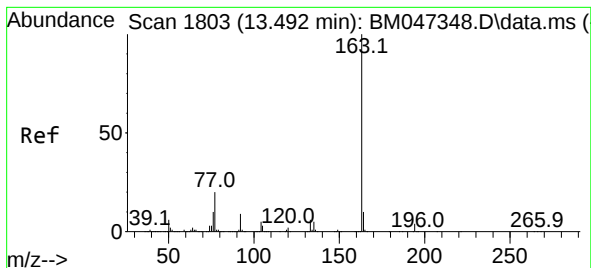
Tgt Ion:330 Resp: 1060015
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 32.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 88.526 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047405.D
Acq: 30 Aug 2024 14:21

Tgt Ion:172 Resp: 3281415
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.5 18.5 27.7





#50

Dimethylphthalate

Concen: 2.135 ng

RT: 13.486 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BM047405.D

Acq: 30 Aug 2024 14:21

Instrument :

BNA_M

ClientSampleId :

WC-CMC-ESLAG-1

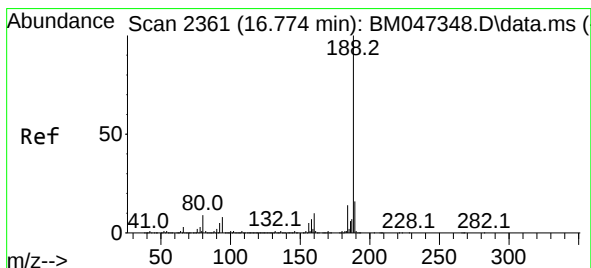
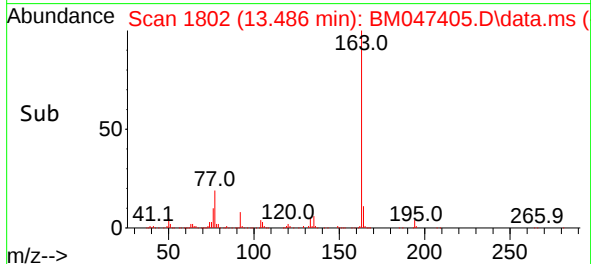
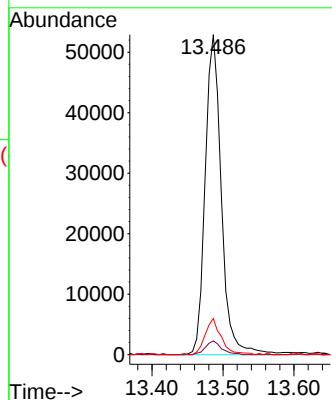
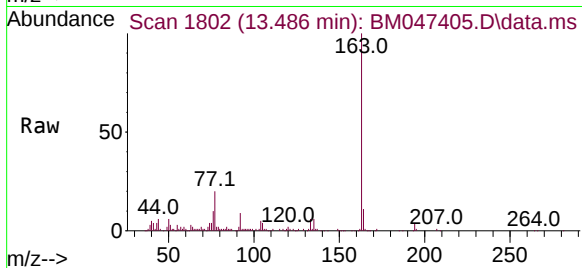
Tgt Ion:163 Resp: 83776

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 11.3 8.2 12.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM047405.D

Acq: 30 Aug 2024 14:21

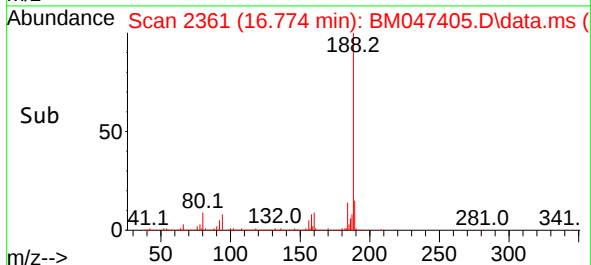
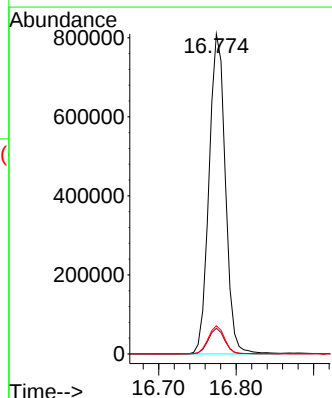
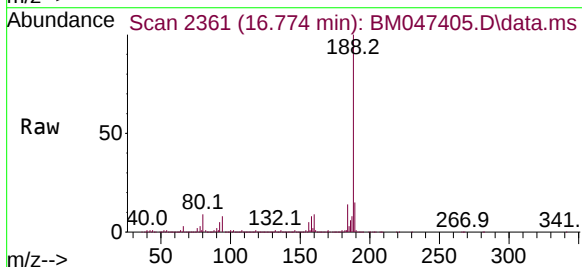
Tgt Ion:188 Resp: 1188579

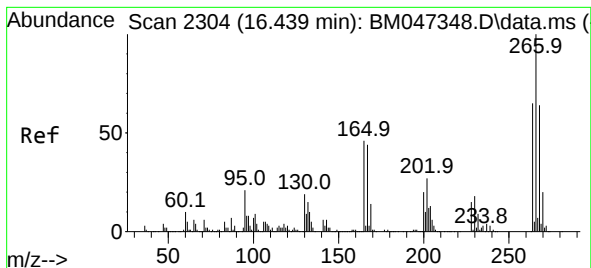
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.8 7.4 11.2





#70

Pentachlorophenol

Concen: 2.816 ng

RT: 16.457 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM047405.D

Acq: 30 Aug 2024 14:21

Instrument :

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ClientSampleId :

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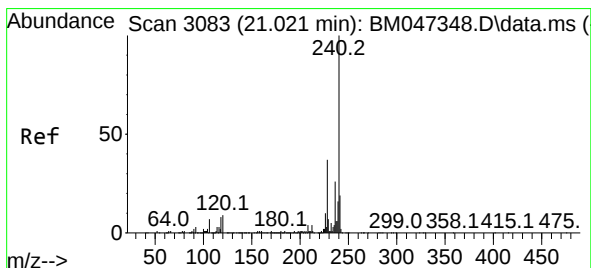
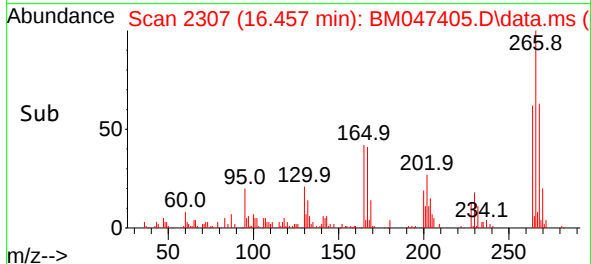
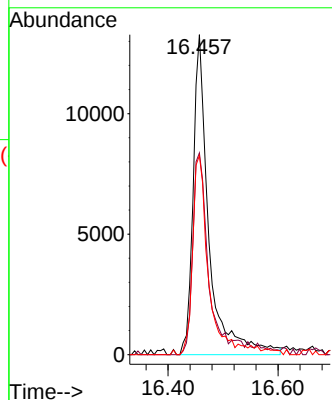
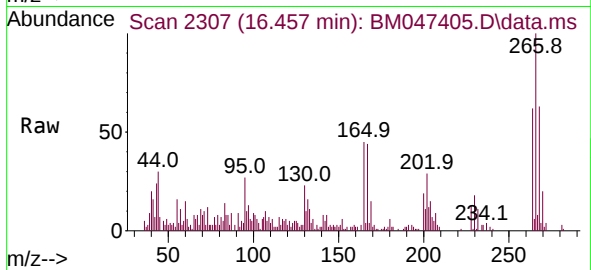
Tgt Ion:266 Resp: 26368

Ion Ratio Lower Upper

266 100

268 63.0 51.0 76.6

264 62.3 51.9 77.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047405.D

Acq: 30 Aug 2024 14:21

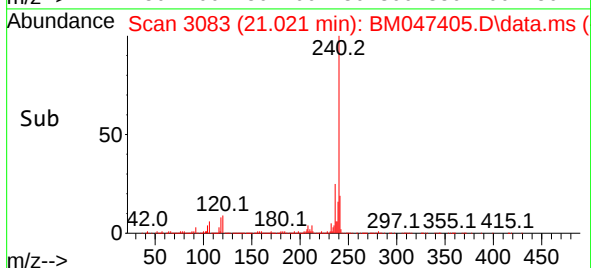
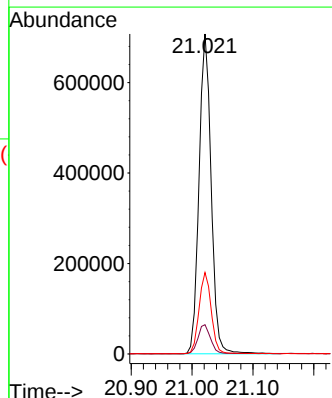
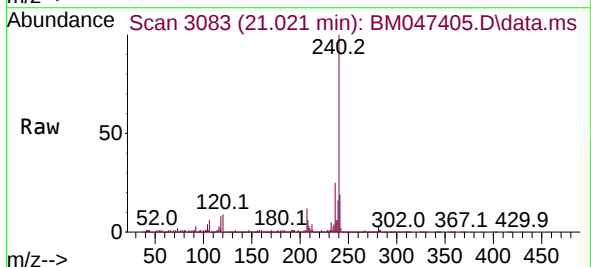
Tgt Ion:240 Resp: 975990

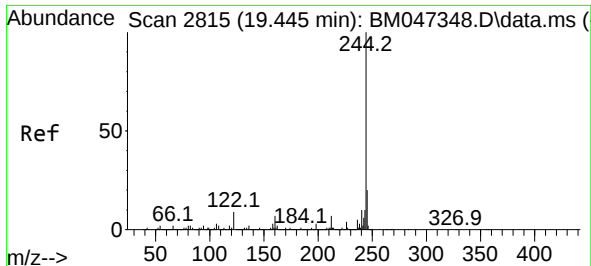
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 25.4 20.8 31.2

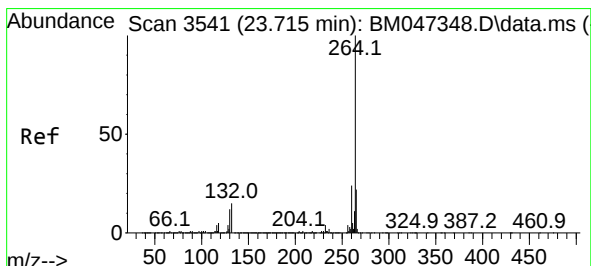
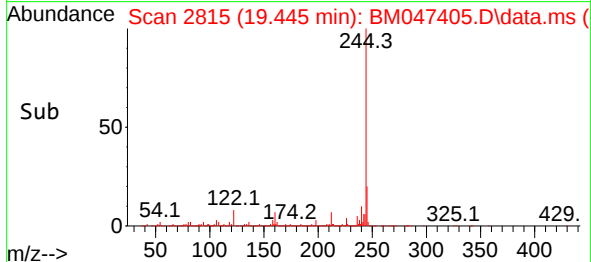
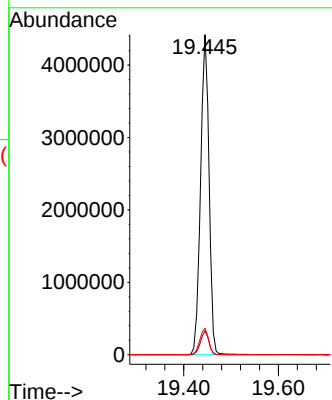
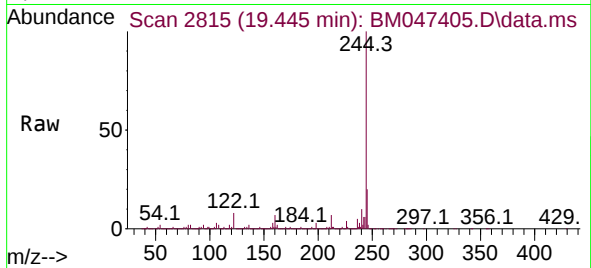




#79
 Terphenyl-d14
 Concen: 100.294 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047405.D
 Acq: 30 Aug 2024 14:21

Instrument :
 BNA_M
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Tgt Ion:244 Resp: 5499345
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.2 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: BM047405.D
 Acq: 30 Aug 2024 14:21

Tgt Ion:264 Resp: 987006
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 22.3 17.8 26.6

