

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047408.D
 Acq On : 30 Aug 2024 16:20
 Operator : RC/JU
 Sample : P3799-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PITS-1-2

Quant Time: Aug 30 16:57:59 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)

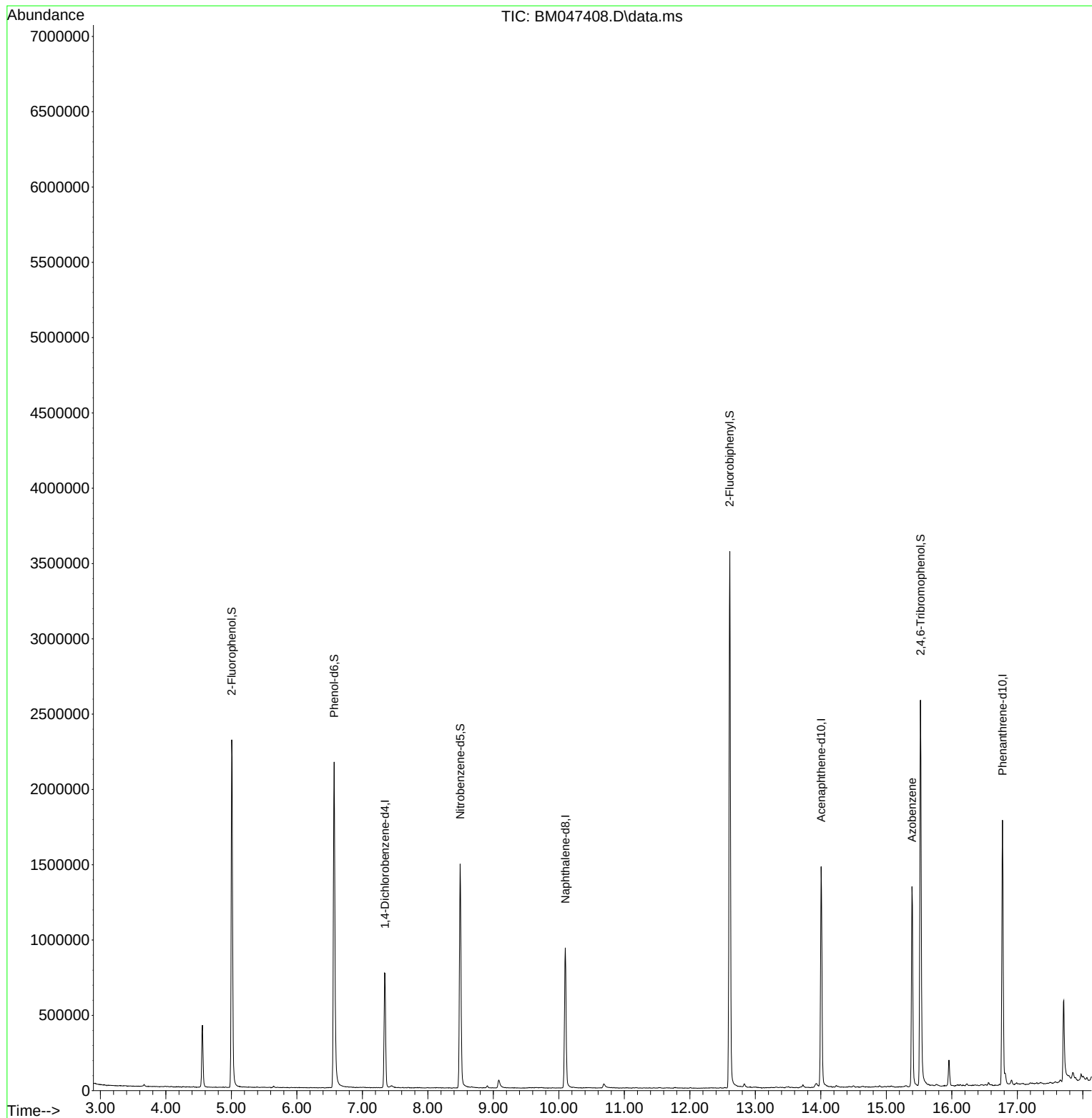
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	227631	20.000	ng	0.00
21) Naphthalene-d8	10.099	136	834368	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	555258	20.000	ng	0.00
64) Phenanthrene-d10	16.775	188	1109867	20.000	ng	0.00
76) Chrysene-d12	21.021	240	880893	20.000	ng	0.00
86) Perylene-d12	23.715	264	955127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.005	112	1071363	90.298	ng	0.00
7) Phenol-d6	6.569	99	1409789	87.224	ng	0.00
23) Nitrobenzene-d5	8.493	82	925915	61.574	ng	0.00
42) 2,4,6-Tribromophenol	15.522	330	538952	80.451	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2035327	56.321	ng	0.00
79) Terphenyl-d14	19.439	244	2782599	56.226	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	220	Below Cal	#	53
63) Azobenzene	15.392	77	386700	11.767	ng	# 1

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

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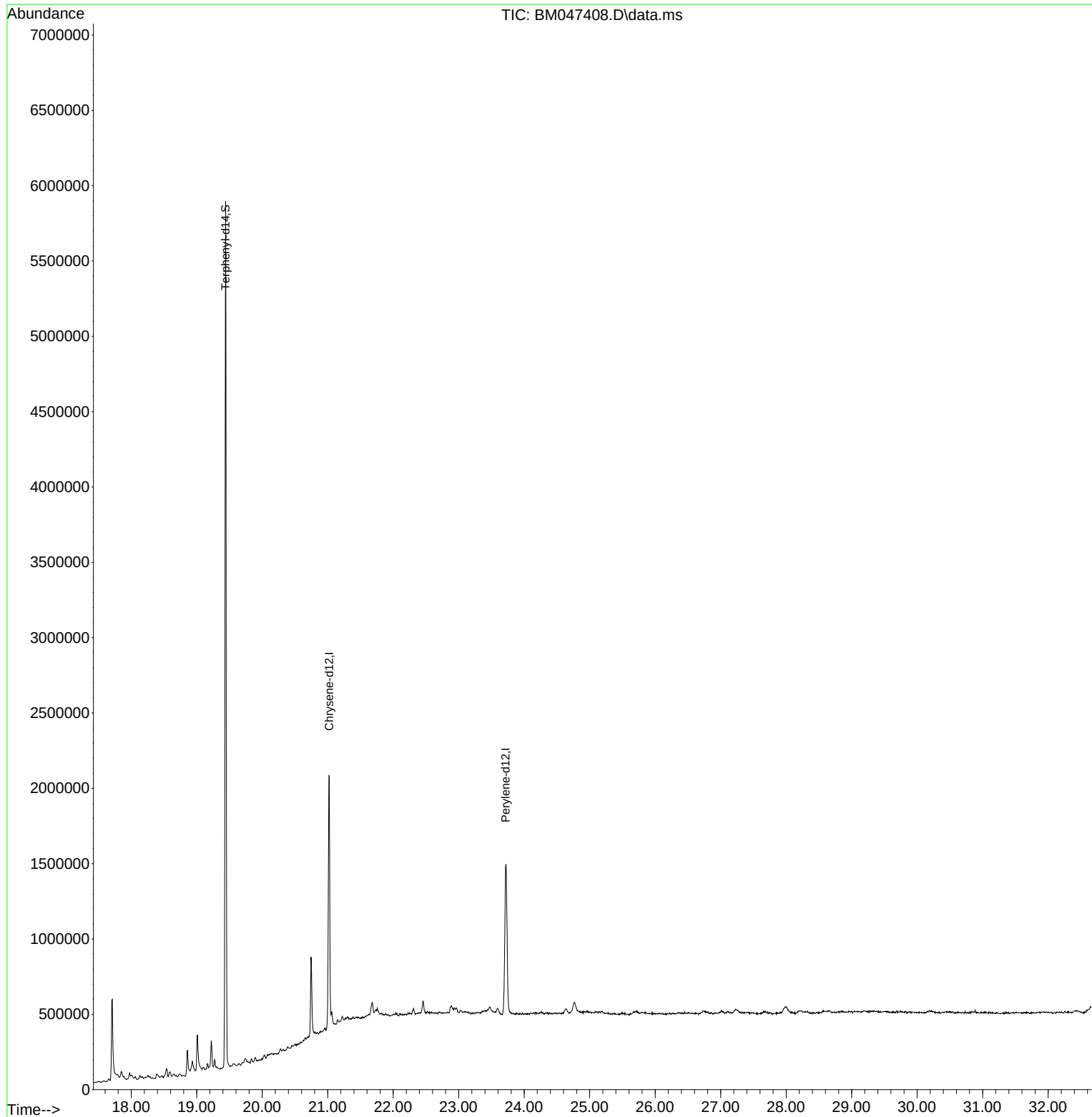
Quant Time: Aug 30 16:57:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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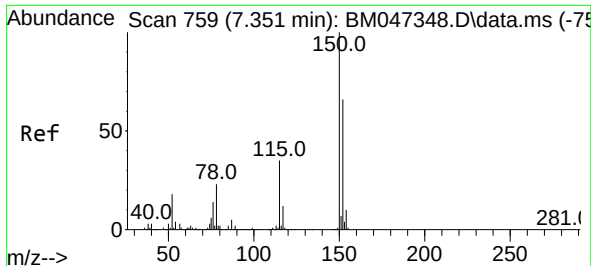


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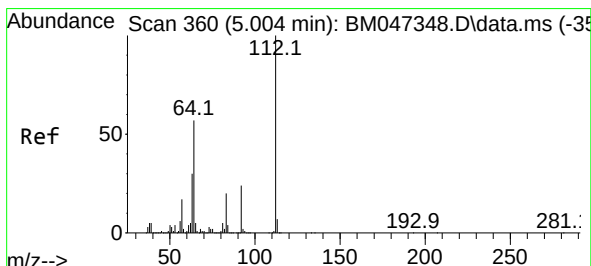
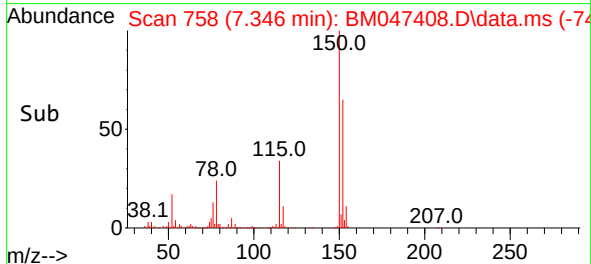
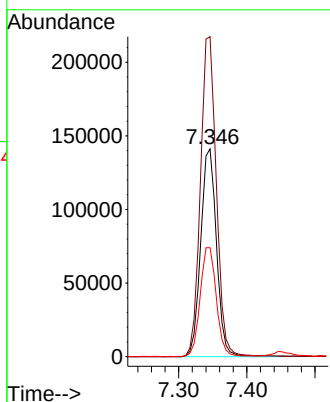
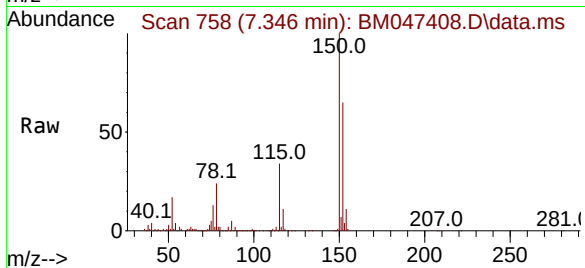




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

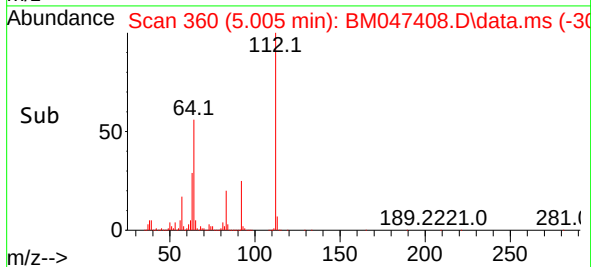
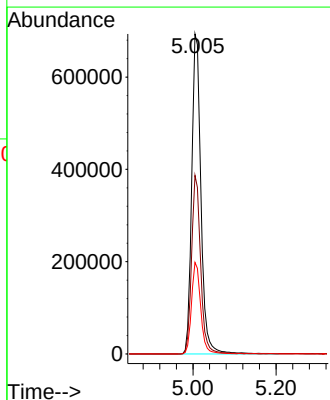
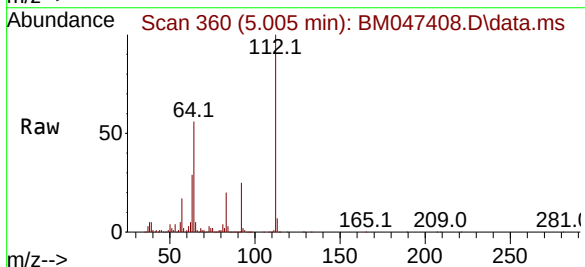
Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

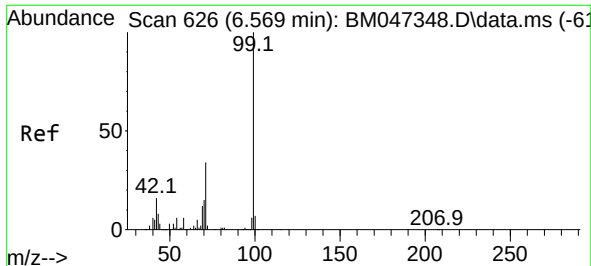
Tgt Ion:152 Resp: 227631
Ion Ratio Lower Upper
152 100
150 154.0 121.3 181.9
115 52.5 42.6 64.0



#5
2-Fluorophenol
Concen: 90.298 ng
RT: 5.005 min Scan# 360
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:112 Resp: 1071363
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 28.6 23.8 35.8

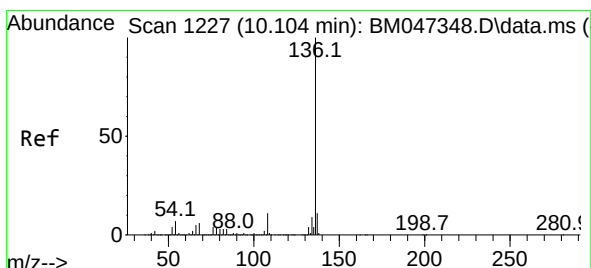
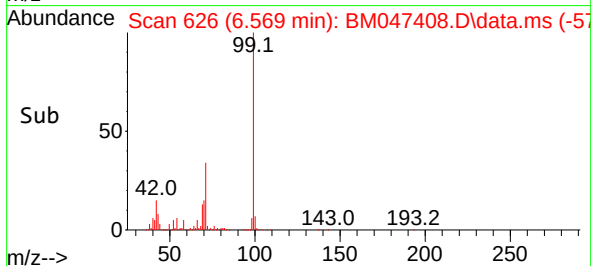
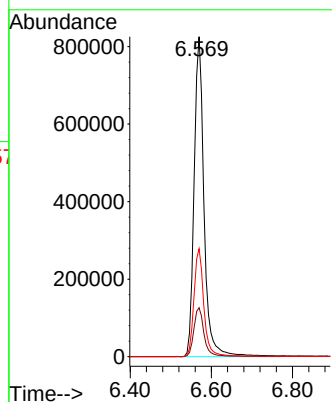
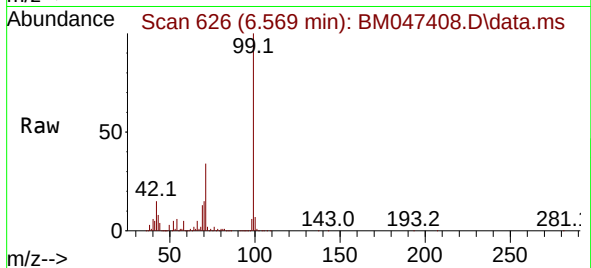




#7
Phenol-d6
Concen: 87.224 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

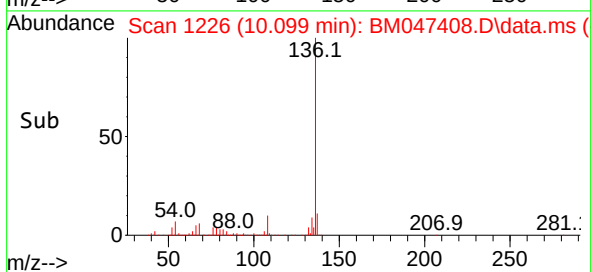
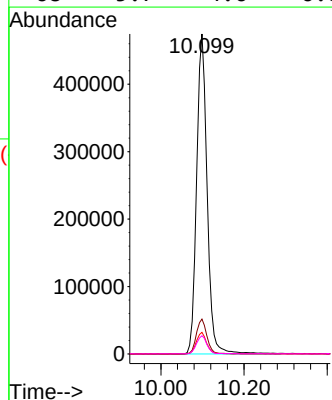
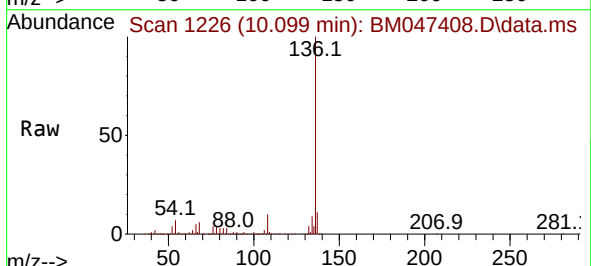
Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

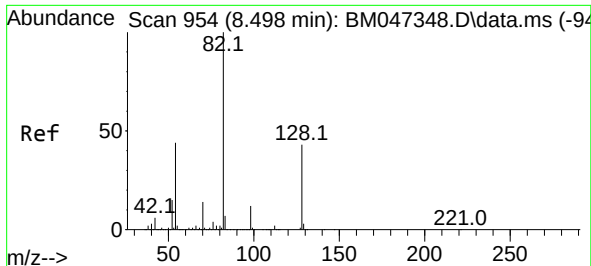
Tgt Ion: 99 Resp: 1409789
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 33.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.099 min Scan# 1226
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion: 136 Resp: 834368
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.2 7.8
68 5.7 4.6 6.8

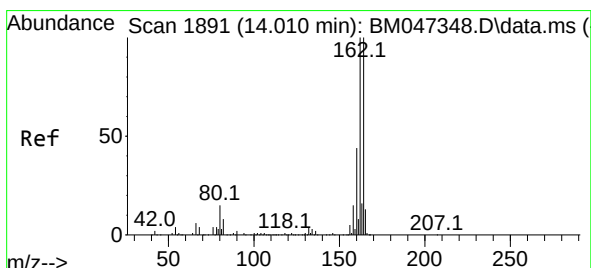
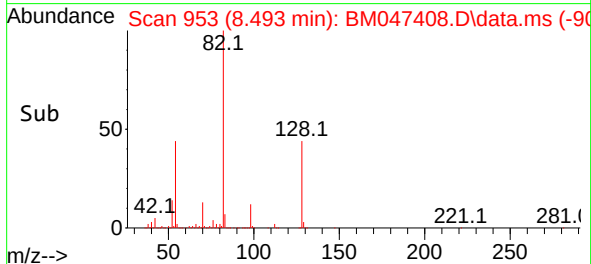
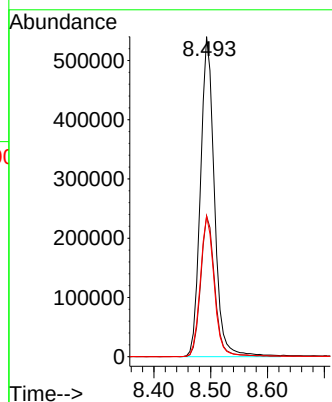
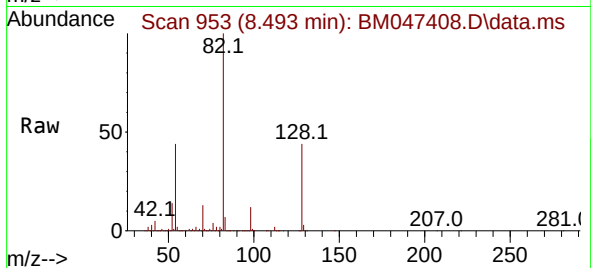




#23
Nitrobenzene-d5
Concen: 61.574 ng
RT: 8.493 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

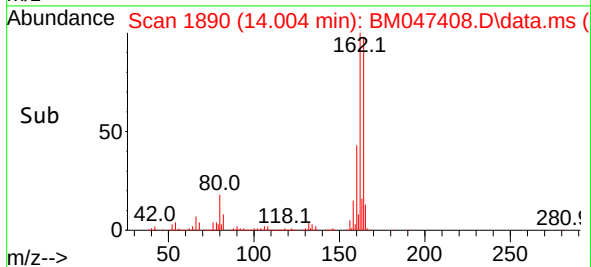
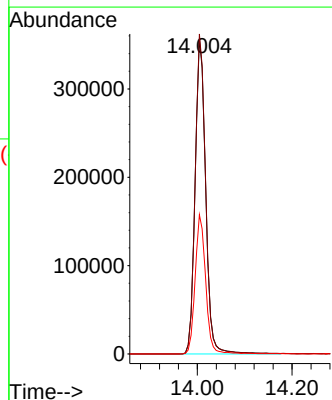
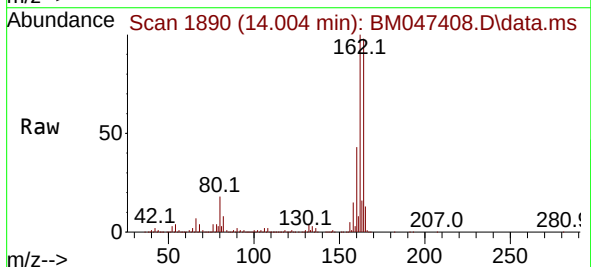
Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

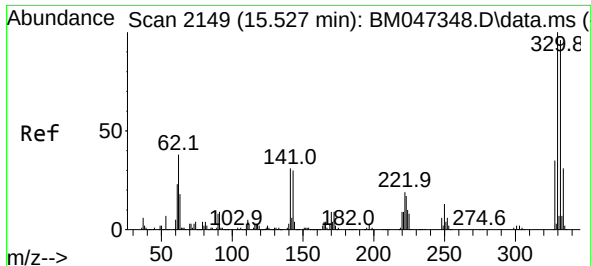
Tgt Ion: 82 Resp: 925915
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 43.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

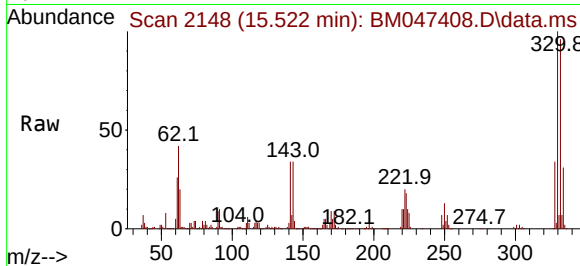
Tgt Ion: 164 Resp: 555258
Ion Ratio Lower Upper
164 100
162 101.5 79.7 119.5
160 44.2 34.9 52.3



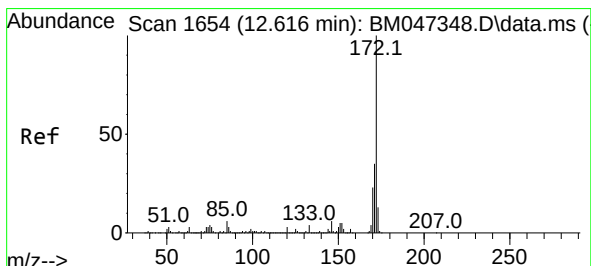
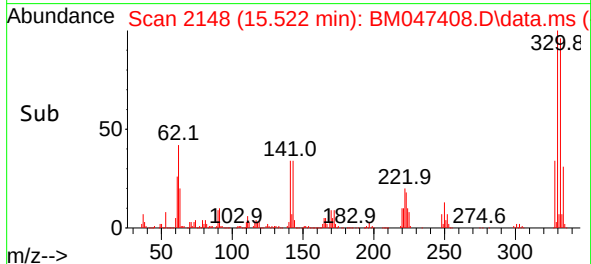
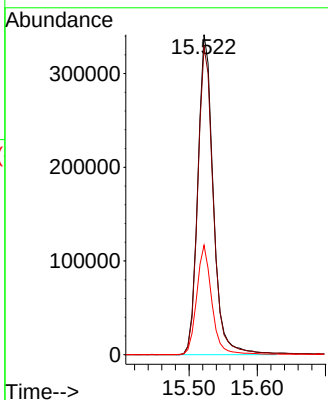


#42
2,4,6-Tribromophenol
Concen: 80.451 ng
RT: 15.522 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-1-2

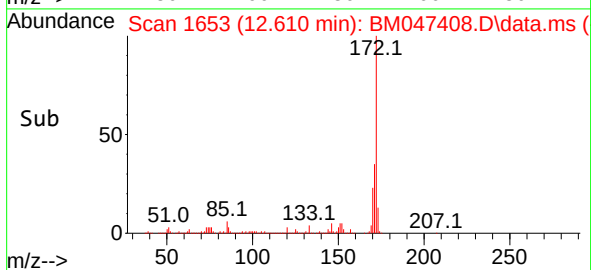
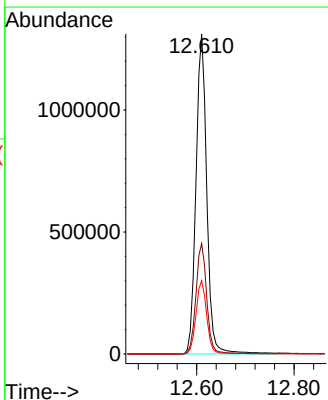
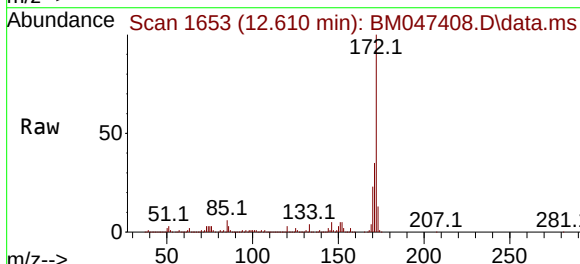


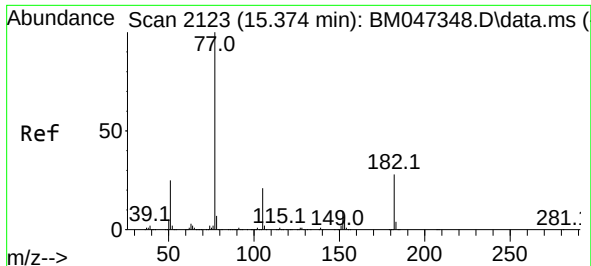
Tgt Ion:330 Resp: 538952
Ion Ratio Lower Upper
330 100
332 97.8 77.2 115.8
141 34.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 56.321 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:172 Resp: 2035327
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.9 18.5 27.7

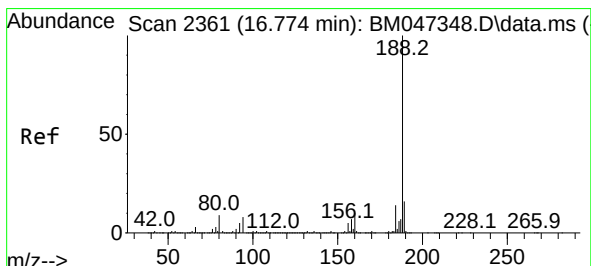
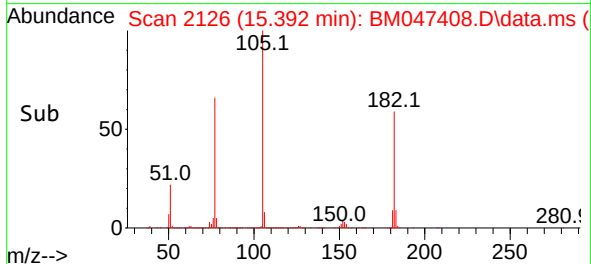
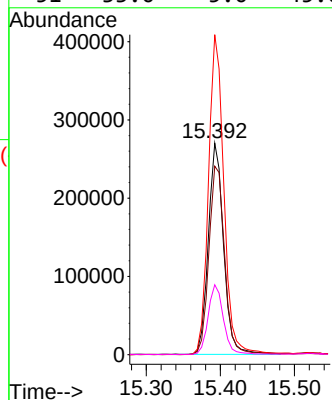
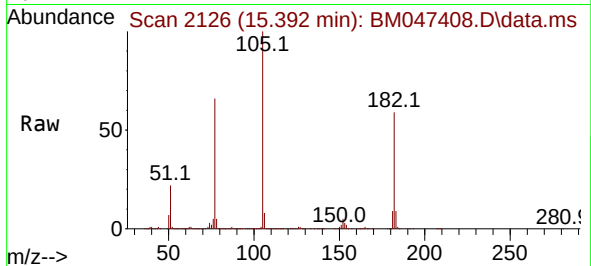




#63
Azobenzene
Concen: 11.767 ng
RT: 15.392 min Scan# 2123
Delta R.T. 0.018 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

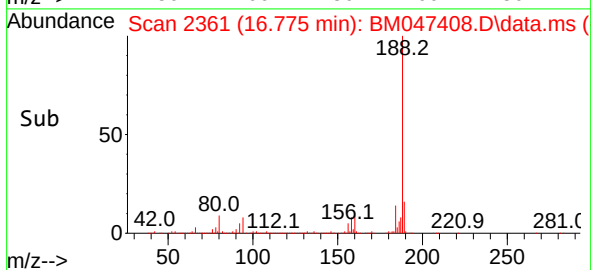
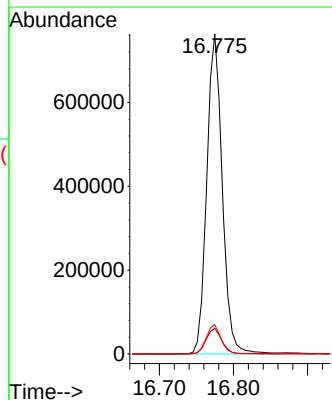
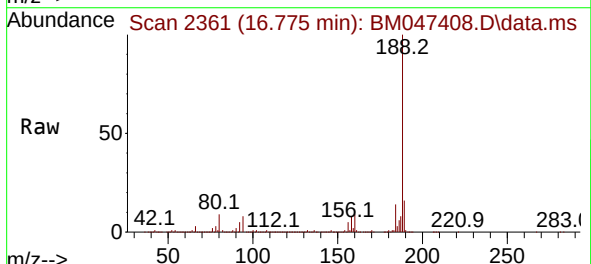
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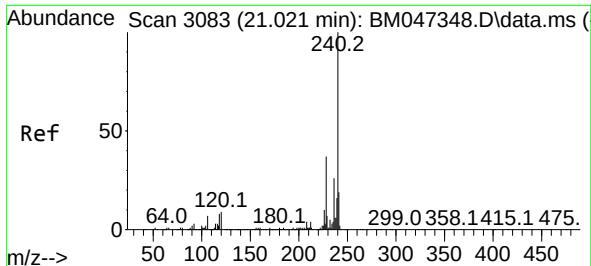
Tgt Ion: 77 Resp: 386700
Ion Ratio Lower Upper
77 100
182 89.1 7.9 47.9#
105 151.3 0.6 40.6#
51 33.0 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.775 min Scan# 2361
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion: 188 Resp: 1109867
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.1 7.4 11.2

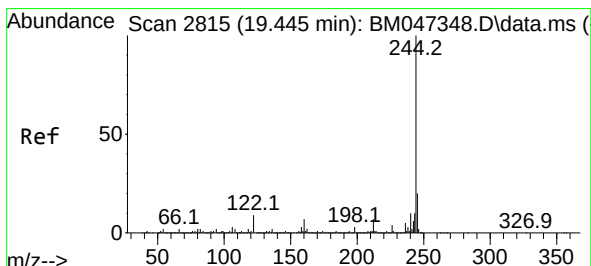
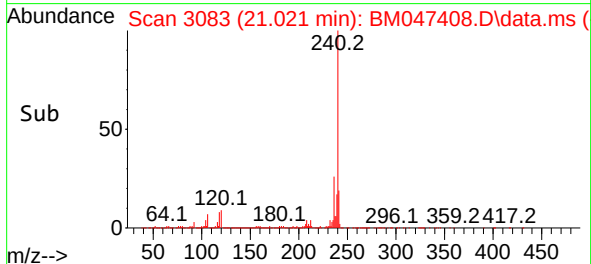
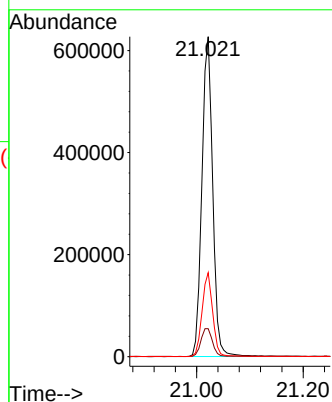
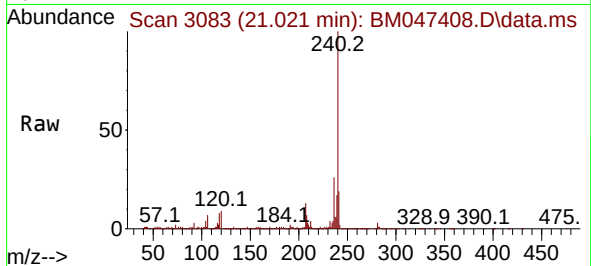




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.001 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

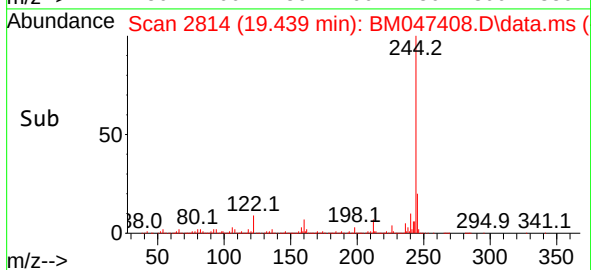
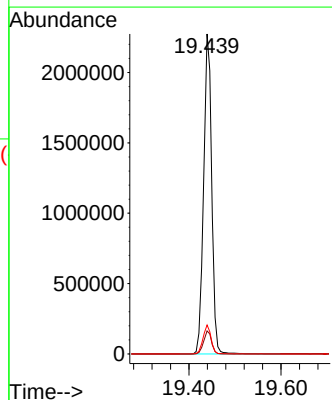
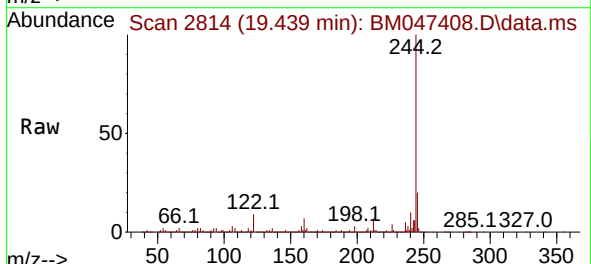
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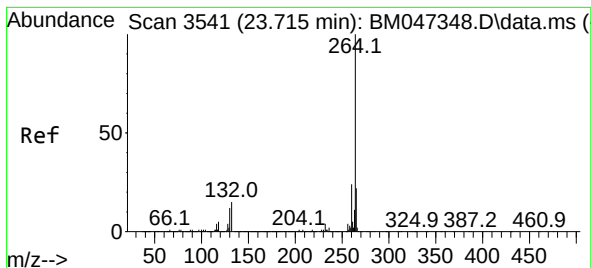
Tgt Ion:240 Resp: 880893
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 56.226 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BM047408.D
Acq: 30 Aug 2024 16:20

Tgt Ion:244 Resp: 2782599
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.1 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. 0.001 min

Lab File: BM047408.D

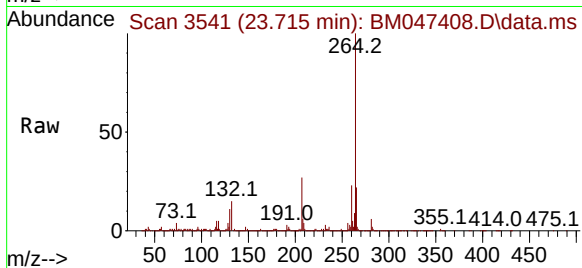
Acq: 30 Aug 2024 16:20

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 955127

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 22.0 17.8 26.6

