

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047409.D
 Acq On : 30 Aug 2024 16:59
 Operator : RC/JU
 Sample : P3799-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PITS-3

Quant Time: Aug 30 17:40:42 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)

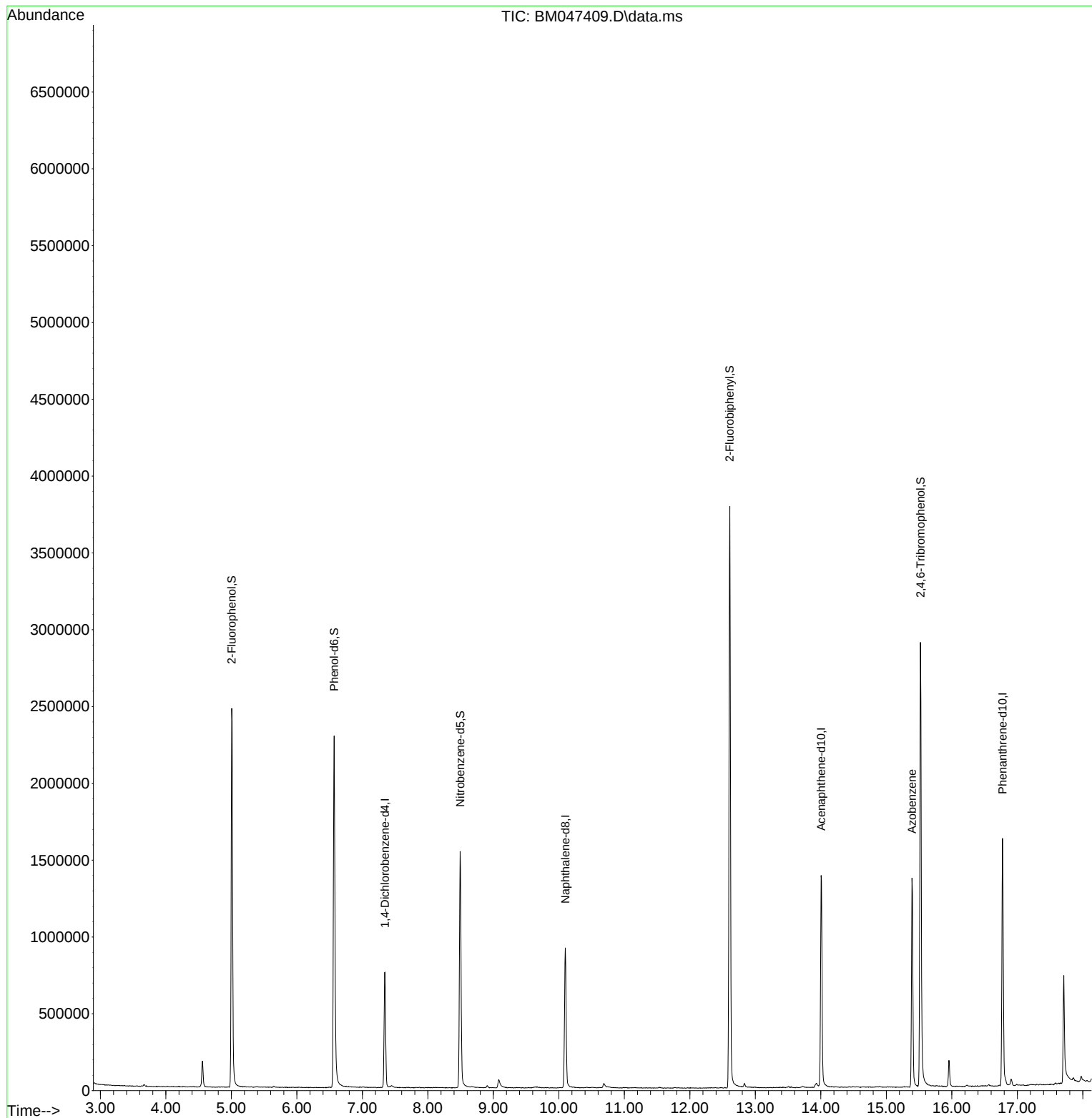
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	225860	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	815814	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	534088	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1051565	20.000	ng	0.00
76) Chrysene-d12	21.021	240	848740	20.000	ng	0.00
86) Perylene-d12	23.721	264	925776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.005	112	1158873	98.440	ng	0.00
7) Phenol-d6	6.569	99	1469622	91.639	ng	0.00
23) Nitrobenzene-d5	8.493	82	976858	66.439	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	610808	94.792	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2196331	63.186	ng	0.00
79) Terphenyl-d14	19.439	244	2789715	58.505	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	196	Below Cal	Qvalue #	29
63) Azobenzene	15.392	77	391390	12.381 ng	#	1

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

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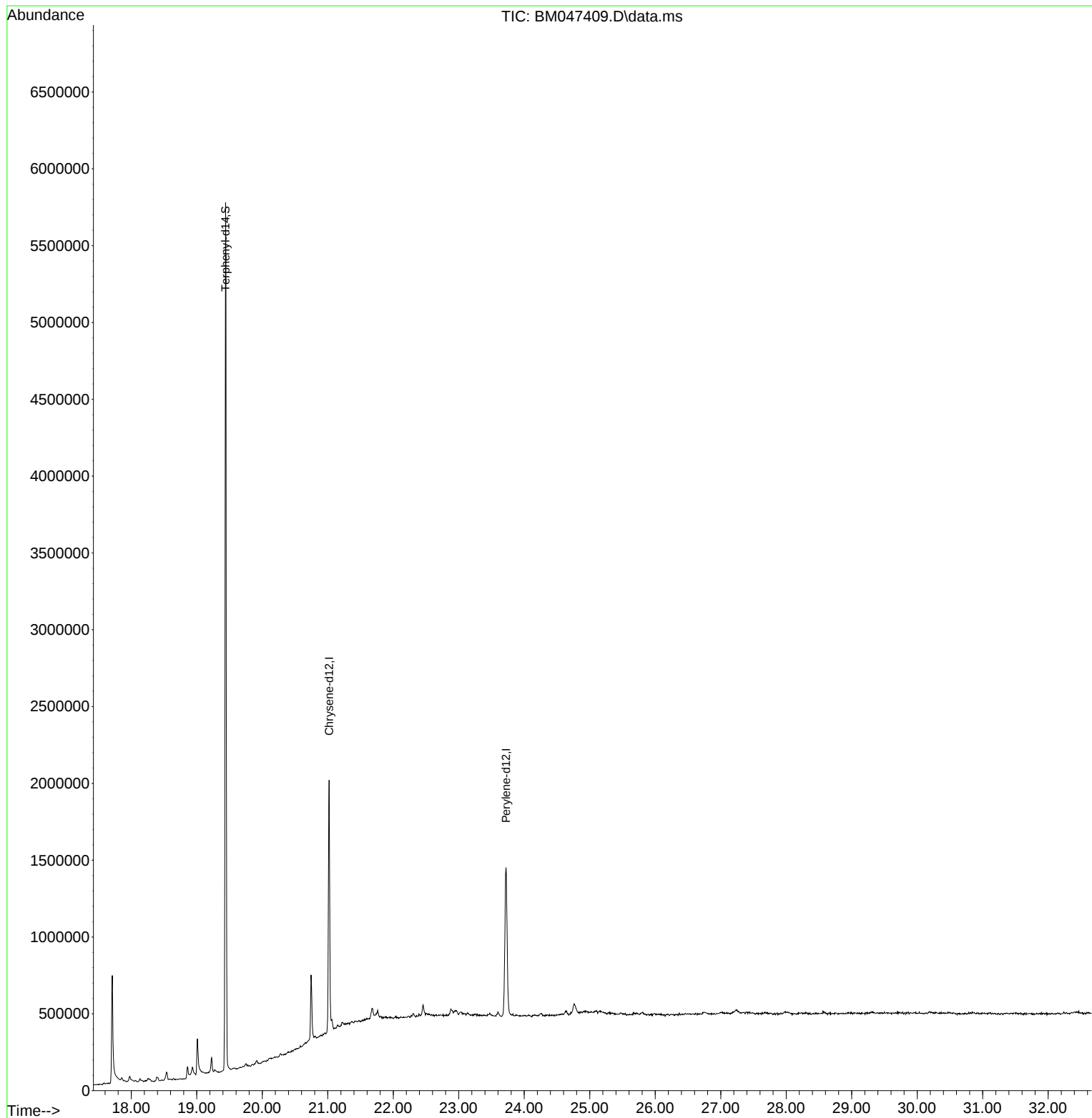
Quant Time: Aug 30 17:40:42 2024
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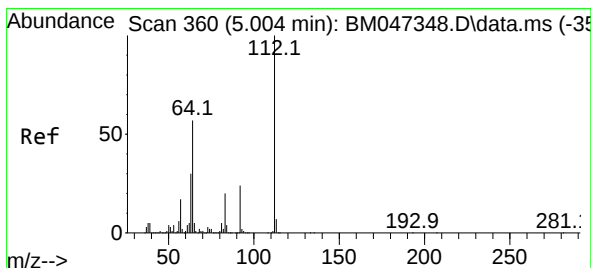
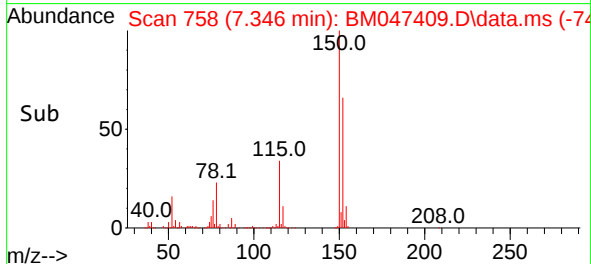
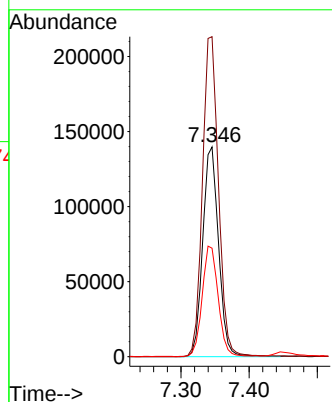
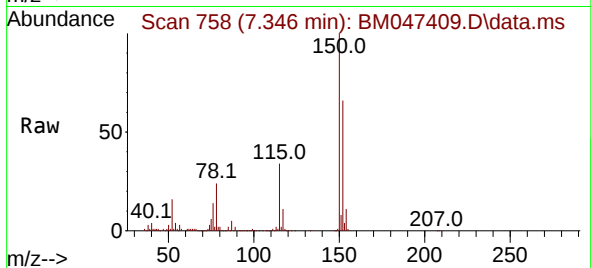




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

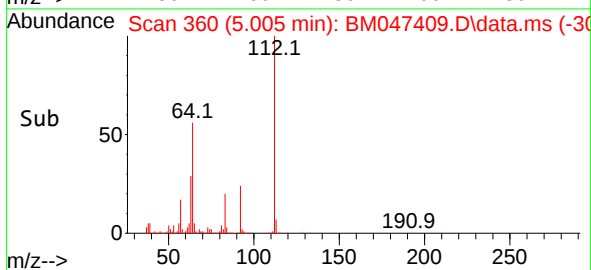
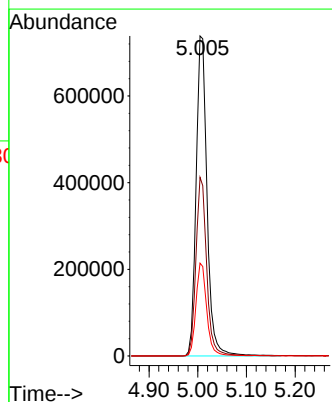
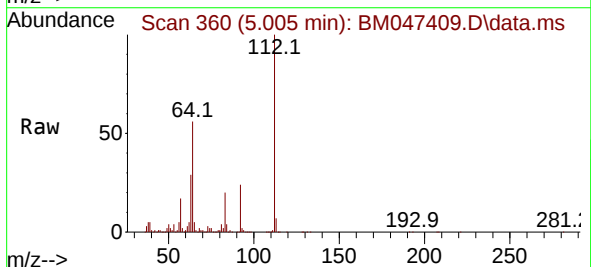
Instrument :
BNA_M
ClientSampleId :
TEST-PITS-3

Tgt Ion:152 Resp: 225860
Ion Ratio Lower Upper
152 100
150 152.5 121.3 181.9
115 51.7 42.6 64.0



#5
2-Fluorophenol
Concen: 98.440 ng
RT: 5.005 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

Tgt Ion:112 Resp: 1158873
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 29.0 23.8 35.8



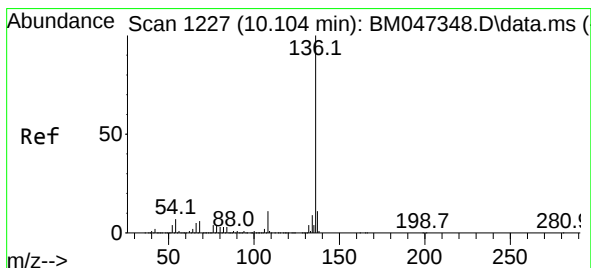
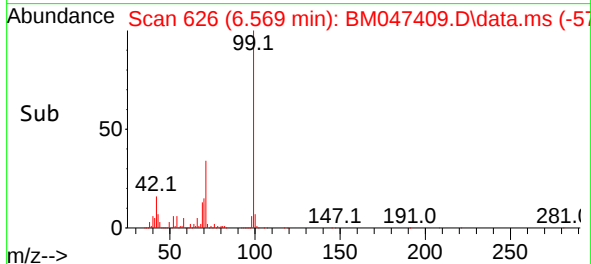
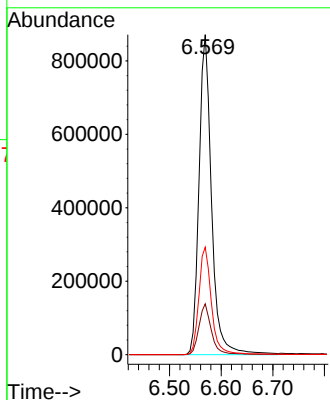
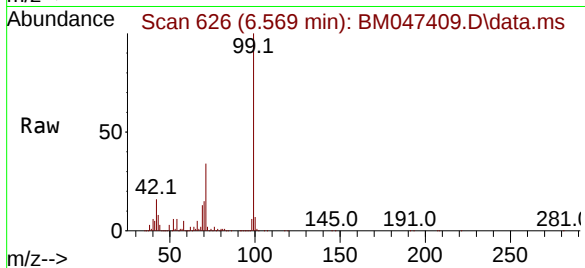


#7
Phenol-d6
Concen: 91.639 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

Instrument :
BNA_M
ClientSampleId :
TEST-PITS-3

Tgt Ion: 99 Resp: 1469622

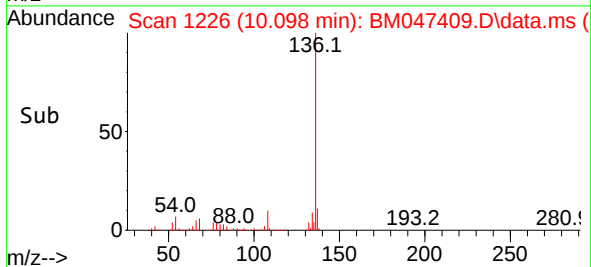
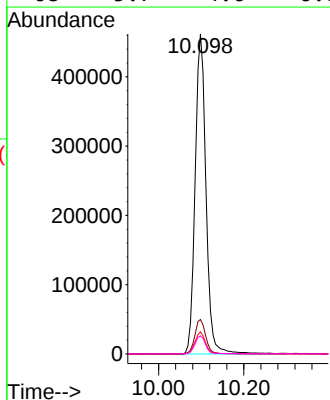
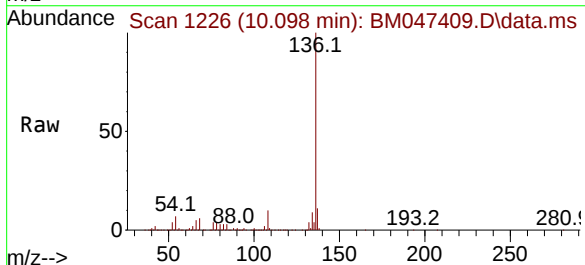
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	33.6	27.5	41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

Tgt Ion: 136 Resp: 815814

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.2	7.8
68	5.7	4.6	6.8

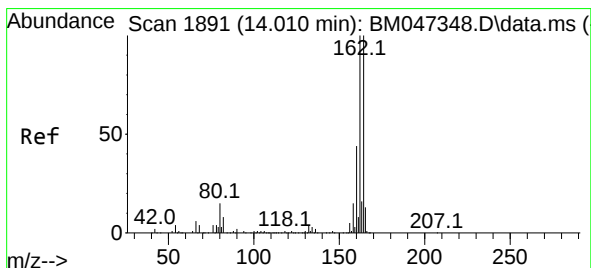
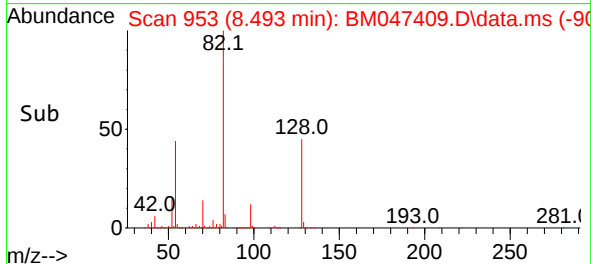
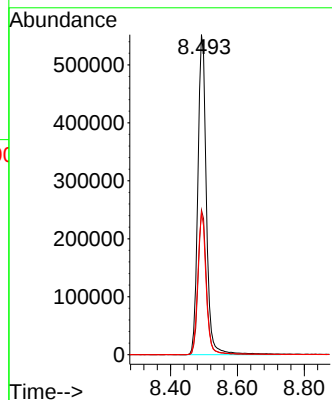
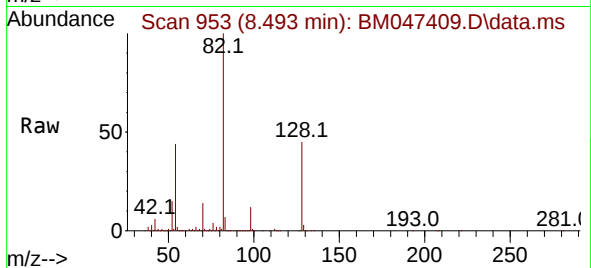




#23
Nitrobenzene-d5
Concen: 66.439 ng
RT: 8.493 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

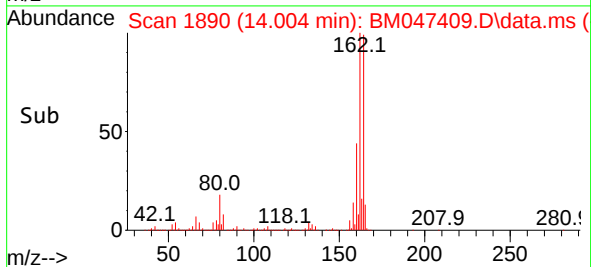
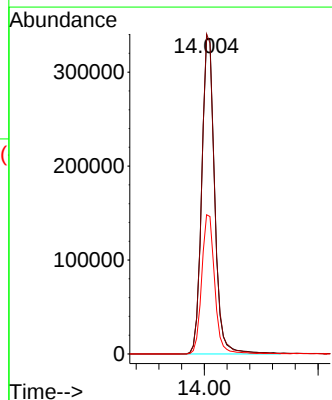
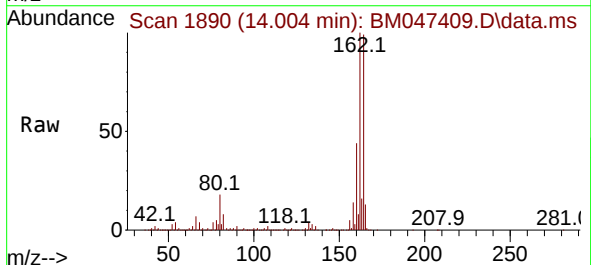
Instrument :
BNA_M
ClientSampleId :
TEST-PITS-3

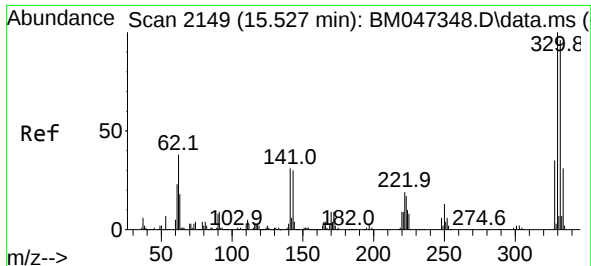
Tgt Ion: 82 Resp: 976858
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 44.4 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

Tgt Ion:164 Resp: 534088
Ion Ratio Lower Upper
164 100
162 101.1 79.7 119.5
160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 94.792 ng

RT: 15.521 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BM047409.D

Acq: 30 Aug 2024 16:59

Instrument :

BNA_M

ClientSampleId :

TEST-PITS-3

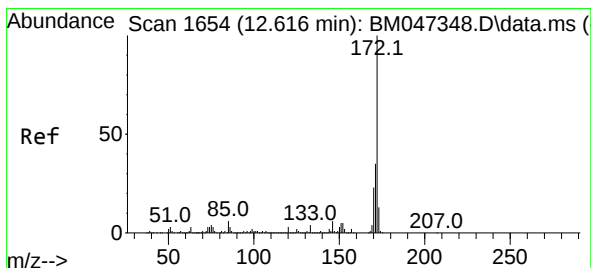
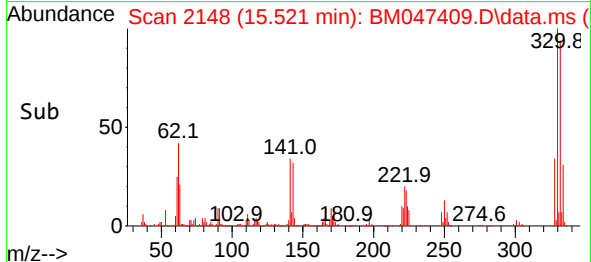
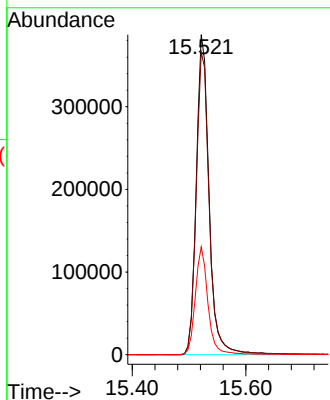
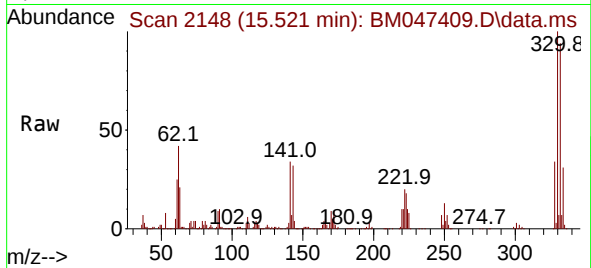
Tgt Ion:330 Resp: 610808

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 33.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 63.186 ng

RT: 12.610 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM047409.D

Acq: 30 Aug 2024 16:59

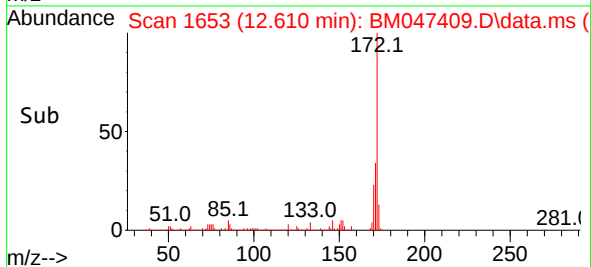
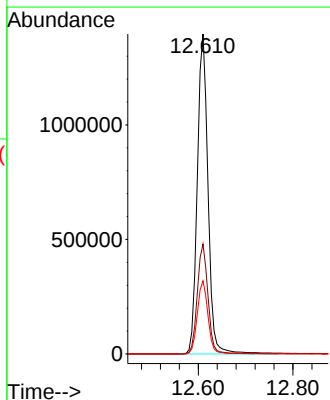
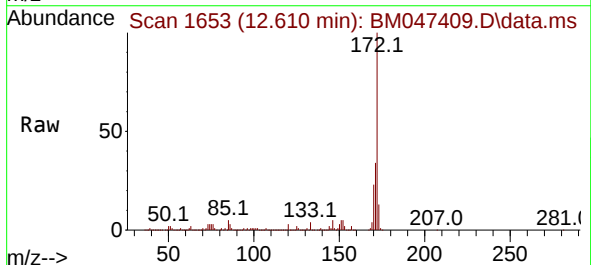
Tgt Ion:172 Resp: 2196331

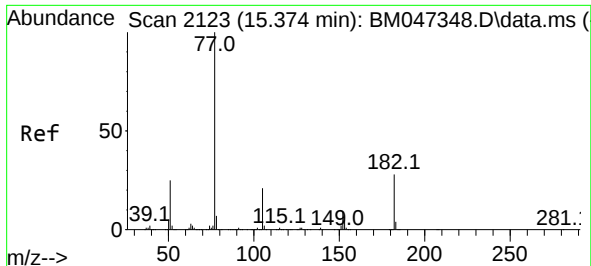
Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

170 22.9 18.5 27.7

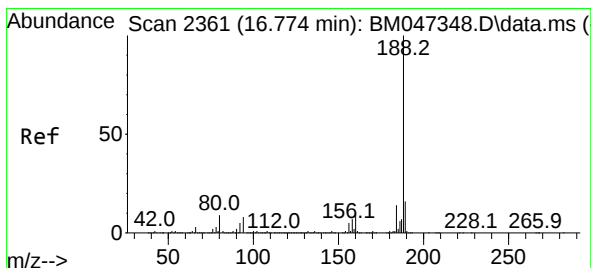
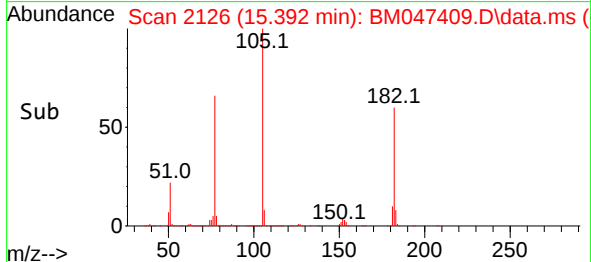
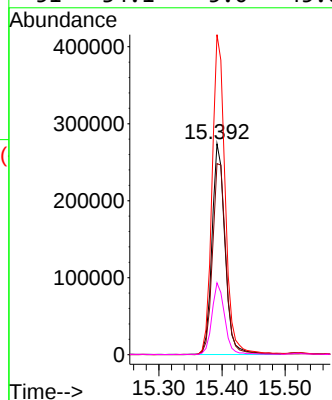
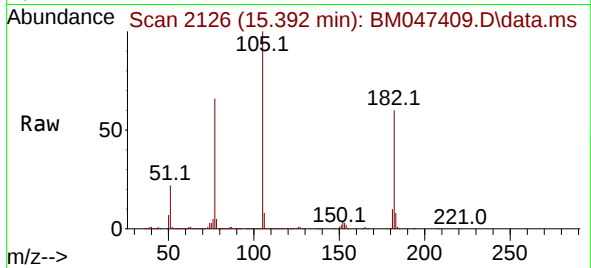




#63
Azobenzene
Concen: 12.381 ng
RT: 15.392 min Scan# 2123
Delta R.T. 0.018 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

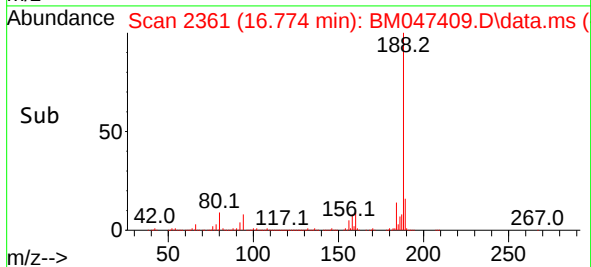
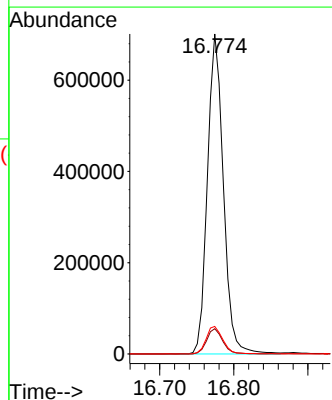
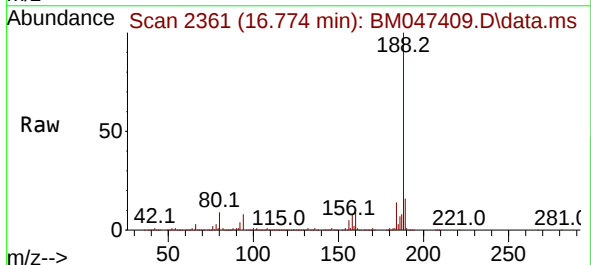
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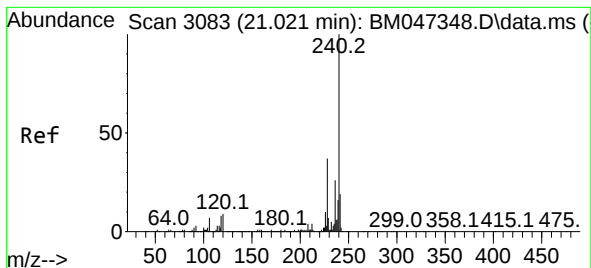
Tgt Ion: 77 Resp: 391390
Ion Ratio Lower Upper
77 100
182 90.6 7.9 47.9#
105 151.8 0.6 40.6#
51 34.1 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047409.D
Acq: 30 Aug 2024 16:59

Tgt Ion: 188 Resp: 1051565
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 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: BM047409.D

Acq: 30 Aug 2024 16:59

Instrument :

BNA_M

ClientSampleId :

TEST-PITS-3

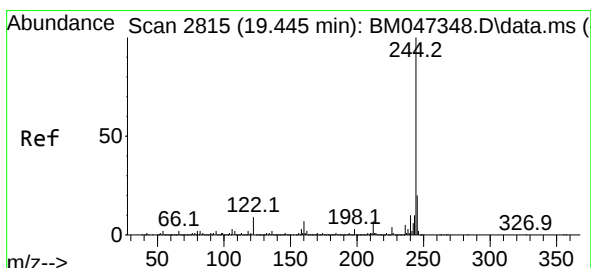
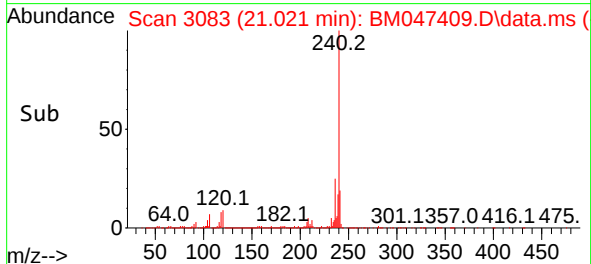
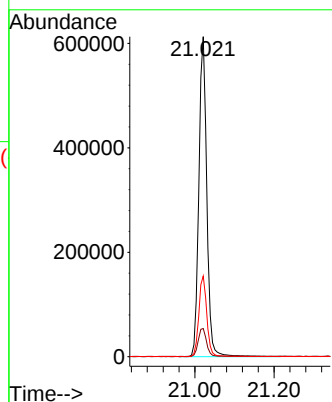
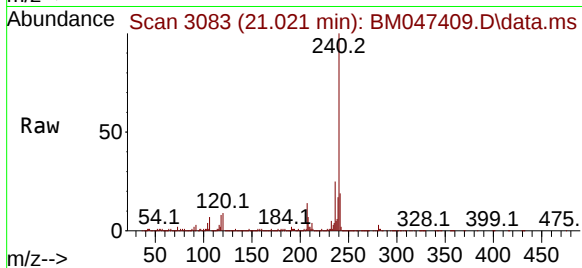
Tgt Ion:240 Resp: 848740

Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 25.2 20.8 31.2



#79

Terphenyl-d14

Concen: 58.505 ng

RT: 19.439 min Scan# 2814

Delta R.T. -0.006 min

Lab File: BM047409.D

Acq: 30 Aug 2024 16:59

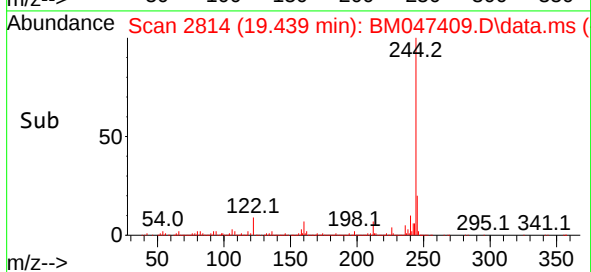
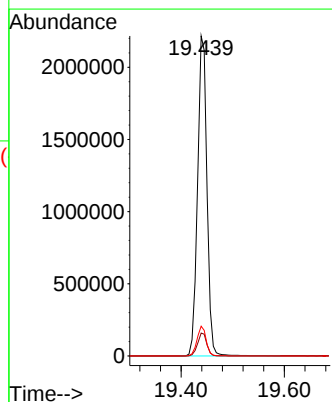
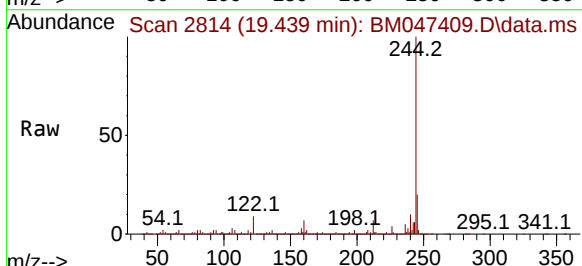
Tgt Ion:244 Resp: 2789715

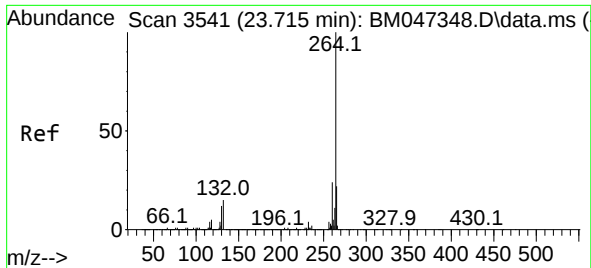
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.3 7.0 10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM047409.D
 Acq: 30 Aug 2024 16:59

Instrument :
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Tgt Ion:264 Resp: 925776
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.8 17.8 26.6

