

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047449.D
 Acq On : 05 Sep 2024 16:06
 Operator : RC/JU
 Sample : P3836-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-B-38(B-8)

Quant Time: Sep 05 17:00:45 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)

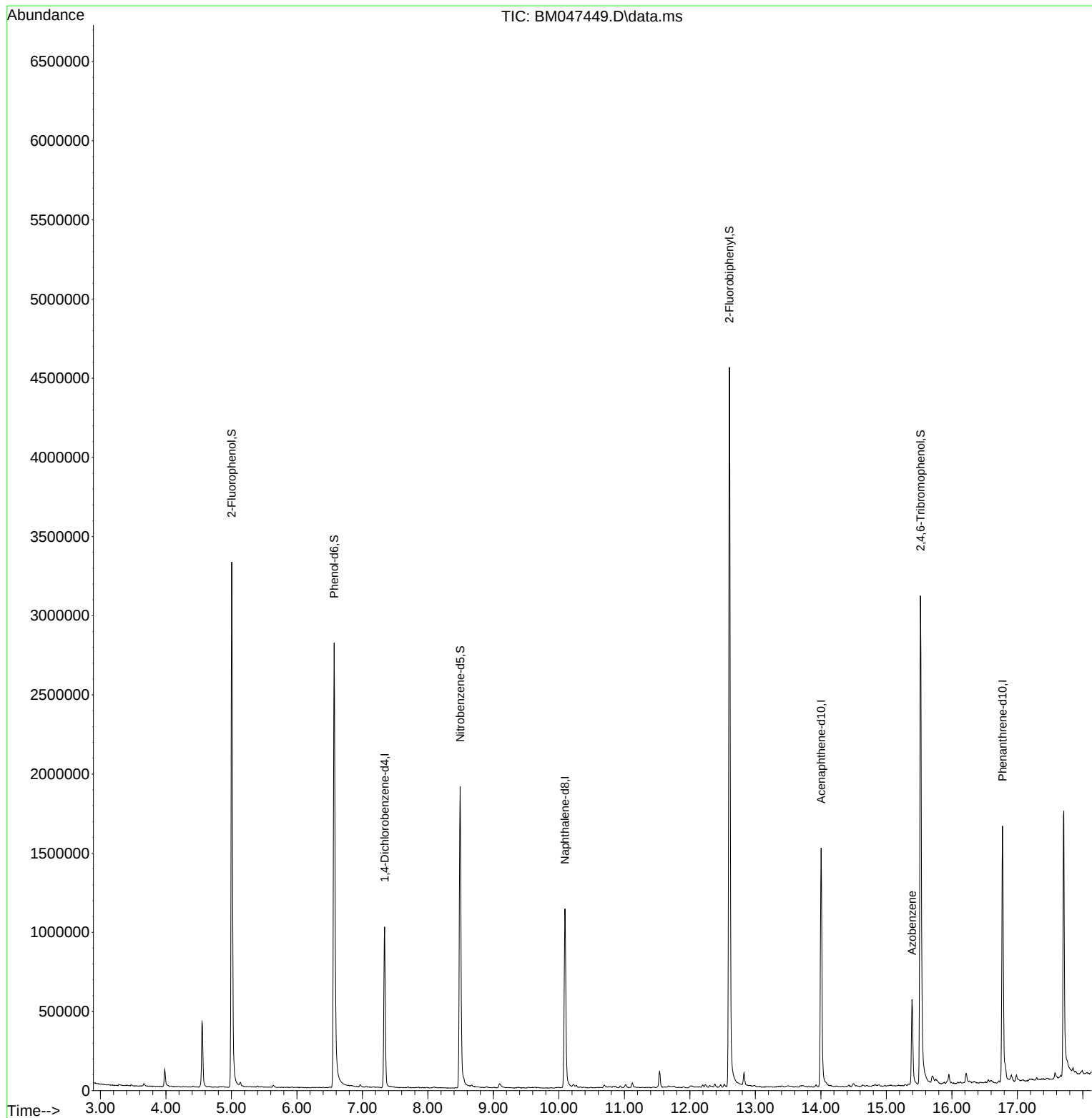
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.339	152	301193	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	1037513	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	637570	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1142130	20.000	ng	0.00
76) Chrysene-d12	21.015	240	894926	20.000	ng	0.00
86) Perylene-d12	23.721	264	1061529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1565264	99.705	ng	0.00
7) Phenol-d6	6.569	99	1999762	93.508	ng	0.00
23) Nitrobenzene-d5	8.492	82	1282096	68.566	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	735182	95.575	ng	0.00
45) 2-Fluorobiphenyl	12.604	172	2771433	66.790	ng	-0.01
79) Terphenyl-d14	19.439	244	2862913	56.942	ng	0.00
Target Compounds						
9) Benzaldehyde	6.487	77	397	Below Cal	Qvalue #	3
63) Azobenzene	15.392	77	173743	4.604 ng	#	1

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

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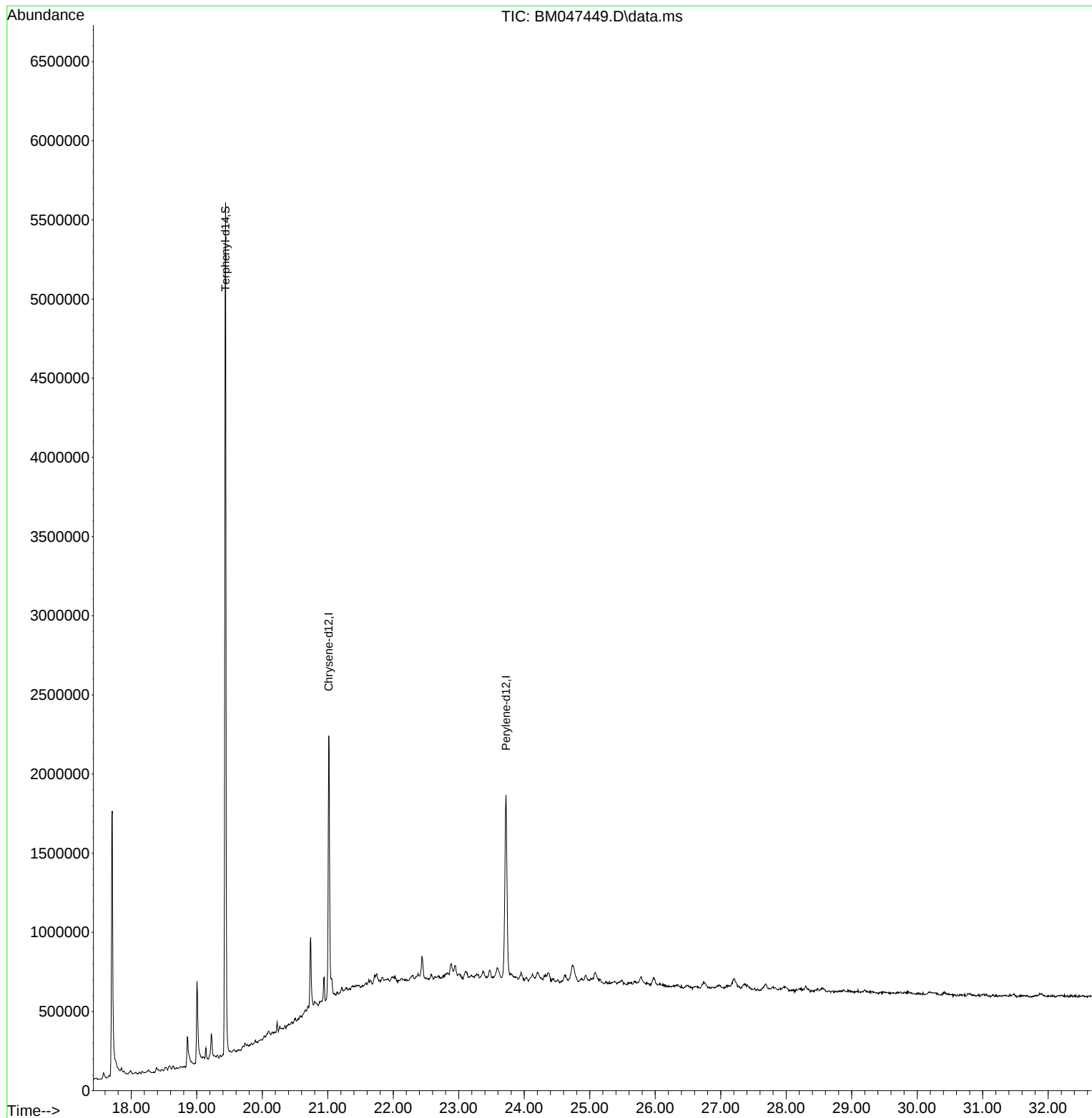
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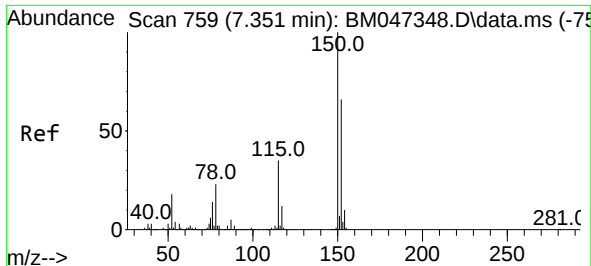


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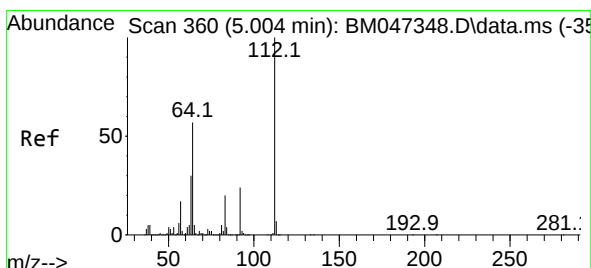
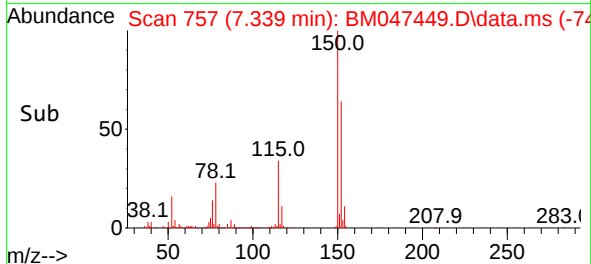
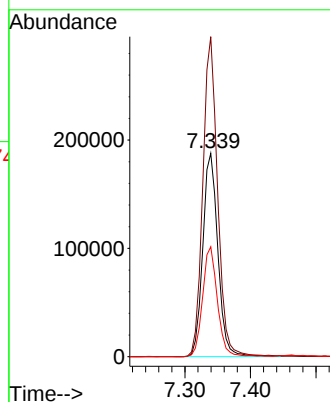
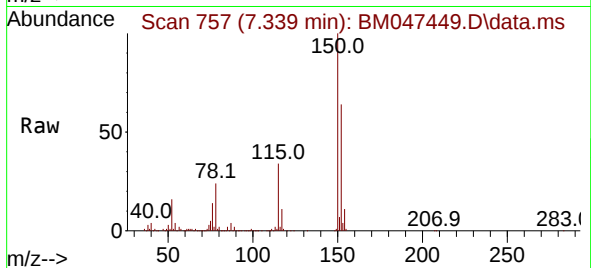




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.339 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BM047449.D
 Acq: 05 Sep 2024 16:06

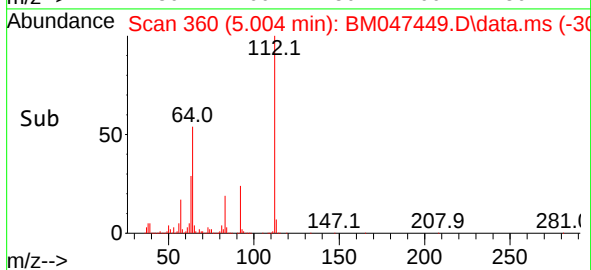
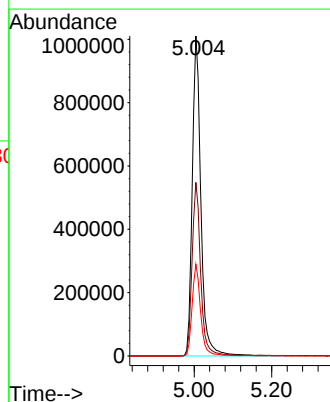
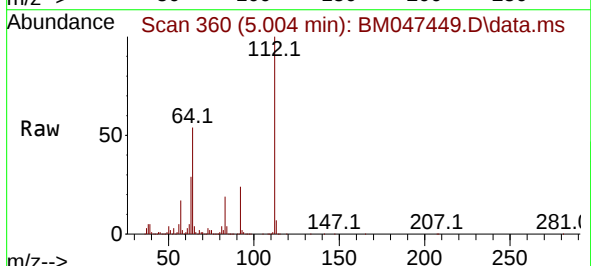
Instrument :
 BNA_M
 ClientSampleId :
 DN-B-38(B-8)

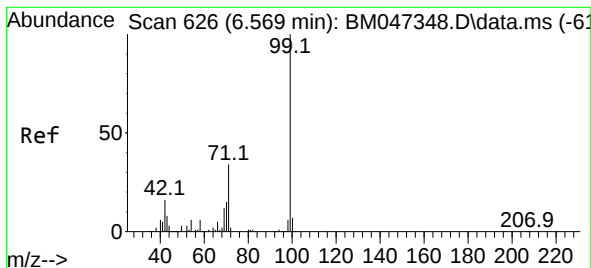
Tgt Ion:152 Resp: 301193
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.3 181.9
 115 54.0 42.6 64.0



#5
 2-Fluorophenol
 Concen: 99.705 ng
 RT: 5.004 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: BM047449.D
 Acq: 05 Sep 2024 16:06

Tgt Ion:112 Resp: 1565264
 Ion Ratio Lower Upper
 112 100
 64 54.3 45.7 68.5
 63 28.7 23.8 35.8





#7

Phenol-d6

Concen: 93.508 ng

RT: 6.569 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM047449.D

Acq: 05 Sep 2024 16:06

Instrument :

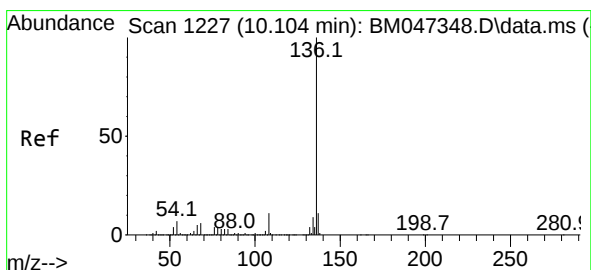
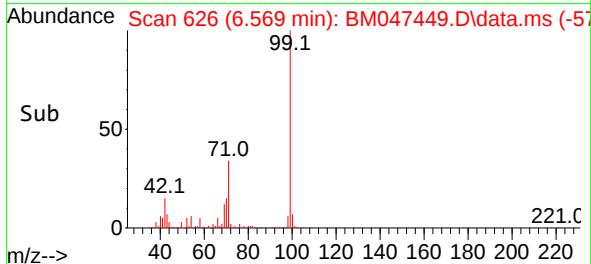
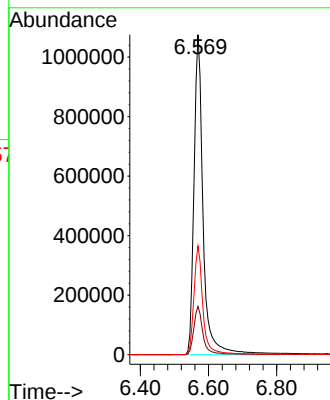
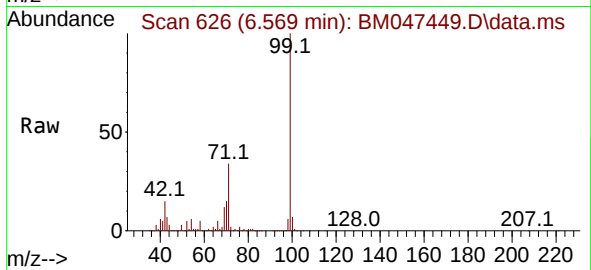
BNA_M

ClientSampleId :

DN-B-38(B-8)

Tgt Ion: 99 Resp: 1999762

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.0	19.4
71	34.0	27.5	41.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.092 min Scan# 1225

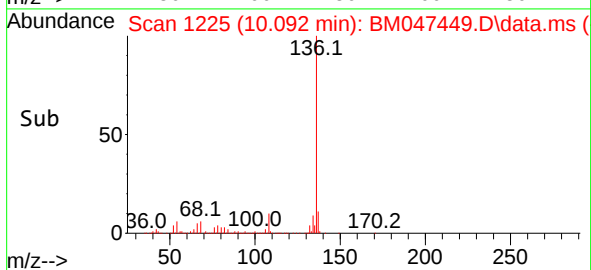
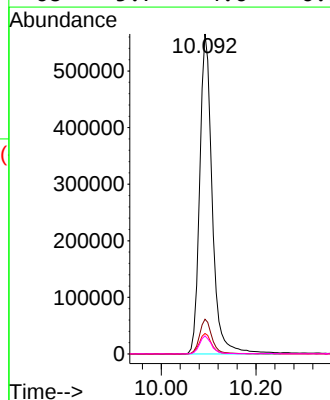
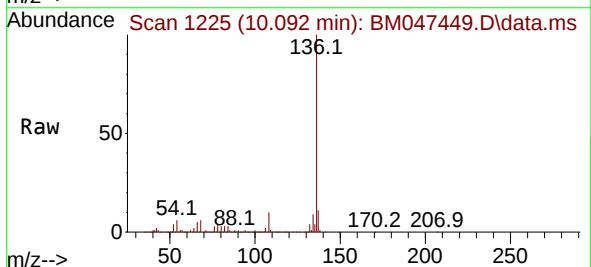
Delta R.T. -0.012 min

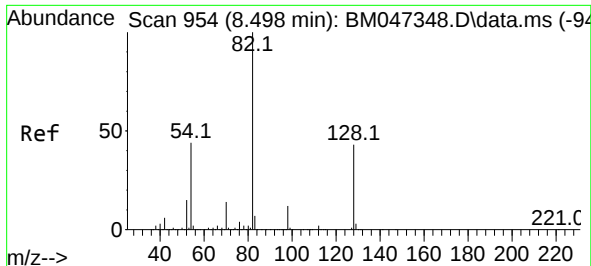
Lab File: BM047449.D

Acq: 05 Sep 2024 16:06

Tgt Ion: 136 Resp: 1037513

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.2	7.8
68	5.7	4.6	6.8

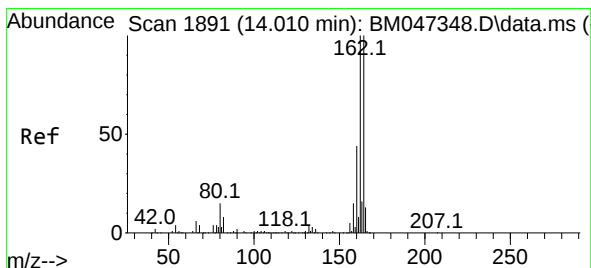
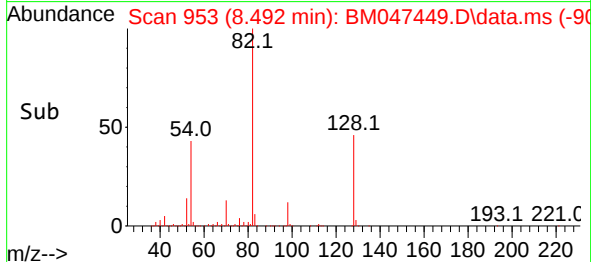
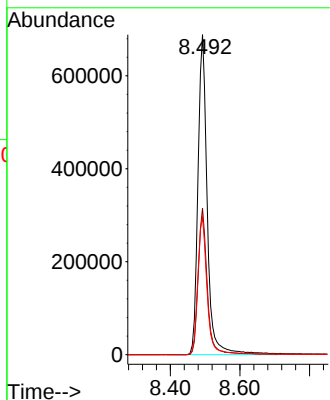
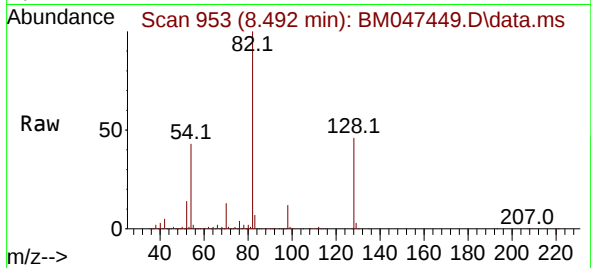




#23
Nitrobenzene-d5
Concen: 68.566 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

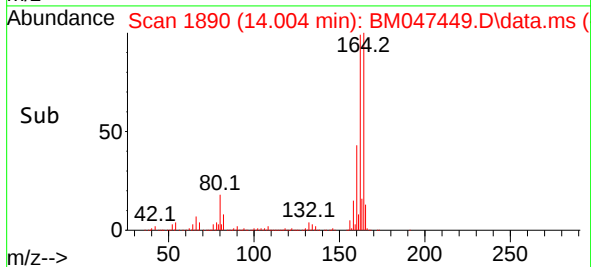
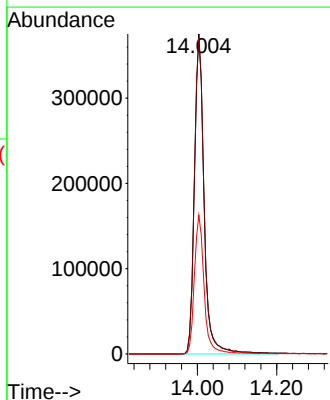
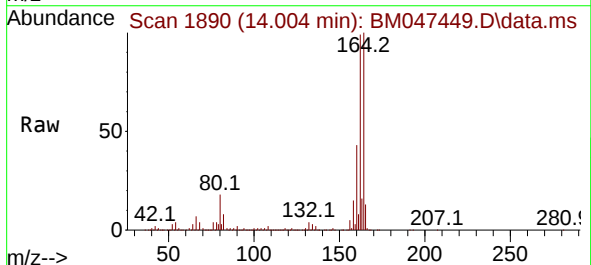
Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

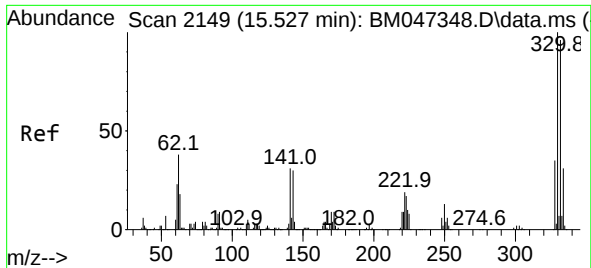
Tgt Ion: 82 Resp: 1282096
Ion Ratio Lower Upper
82 100
128 45.8 34.6 51.8
54 43.0 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

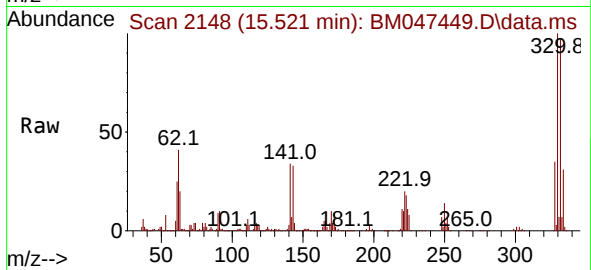
Tgt Ion: 164 Resp: 637570
Ion Ratio Lower Upper
164 100
162 98.8 79.7 119.5
160 43.3 34.9 52.3



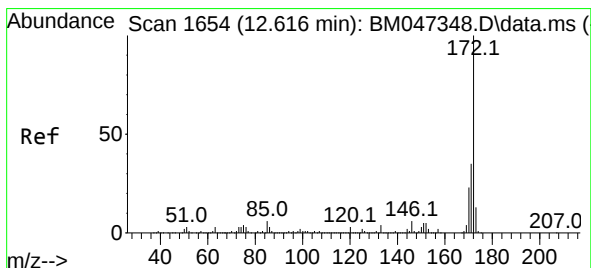
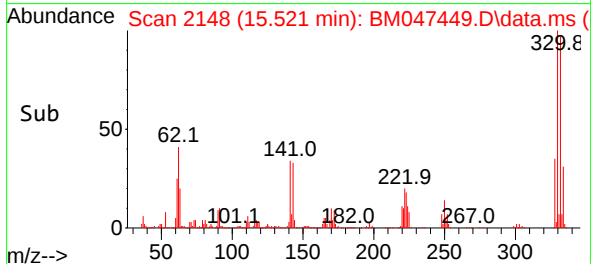
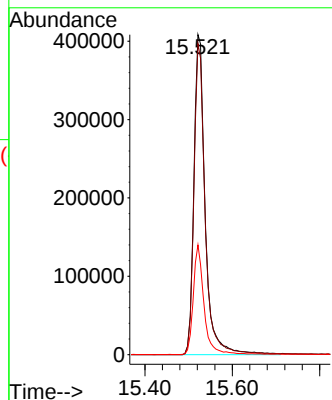


#42
2,4,6-Tribromophenol
Concen: 95.575 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

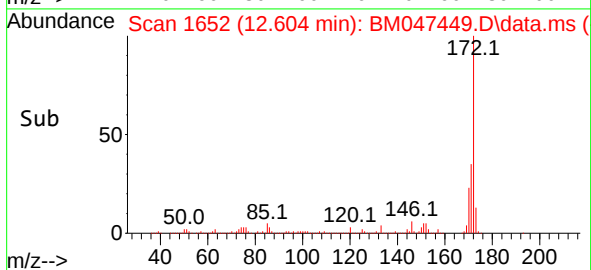
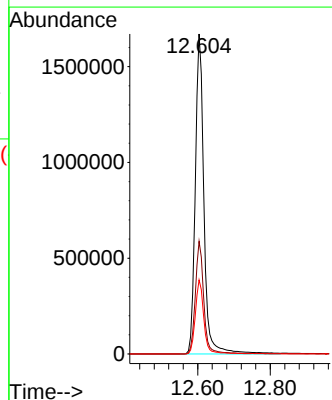
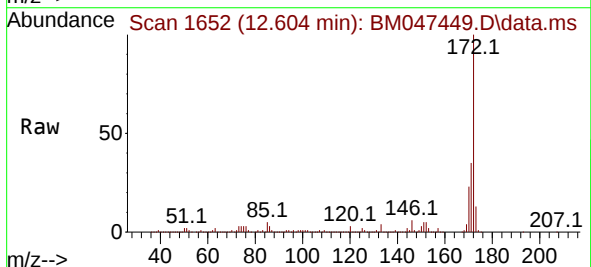


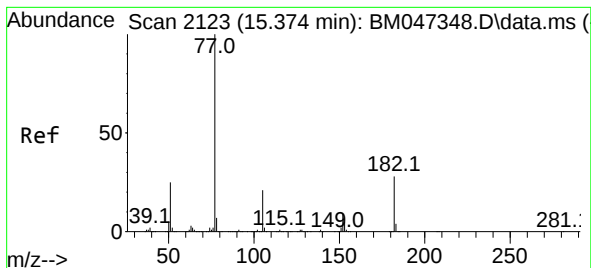
Tgt Ion:330 Resp: 735182
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 32.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 66.790 ng
RT: 12.604 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:172 Resp: 2771433
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.2 18.5 27.7





#63

Azobenzene

Concen: 4.604 ng

RT: 15.392 min Scan# 2123

Delta R.T. 0.018 min

Lab File: BM047449.D

Acq: 05 Sep 2024 16:06

Instrument :

BNA_M

ClientSampleId :

DN-B-38(B-8)

Tgt Ion: 77 Resp: 173743

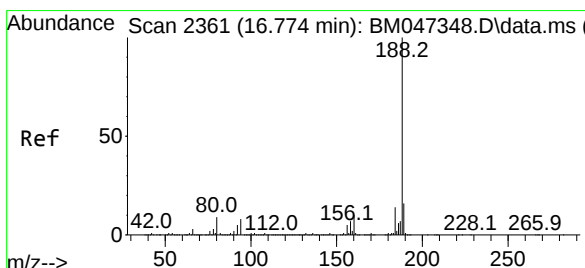
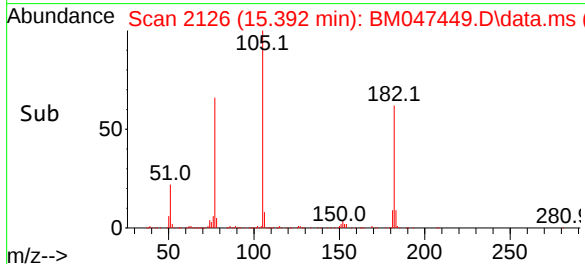
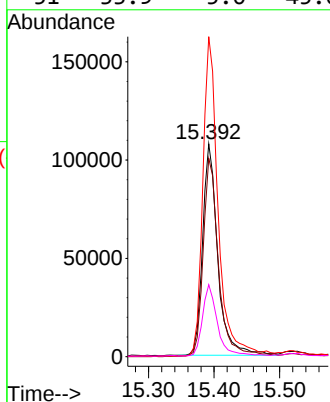
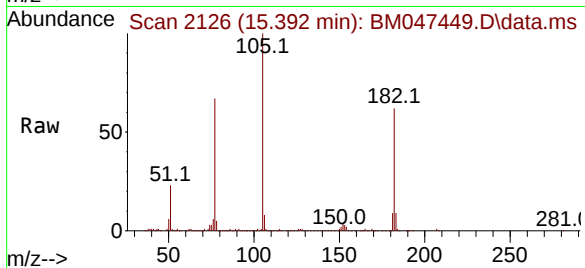
Ion Ratio Lower Upper

77 100

182 93.1 7.9 47.9#

105 150.4 0.6 40.6#

51 33.9 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: BM047449.D

Acq: 05 Sep 2024 16:06

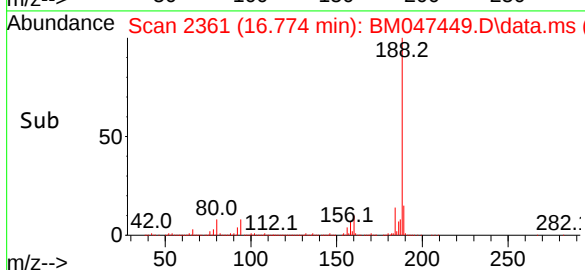
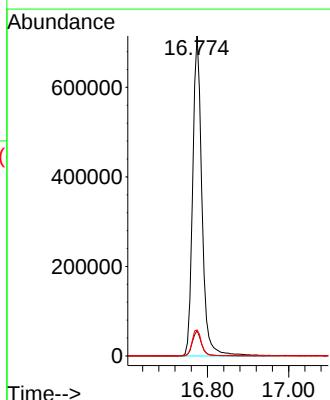
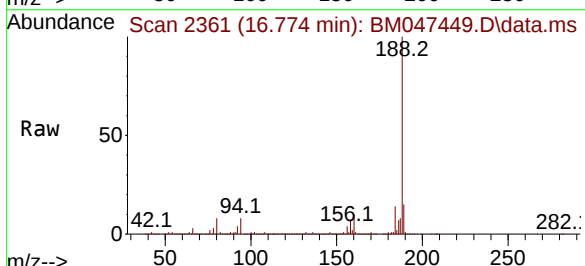
Tgt Ion: 188 Resp: 1142130

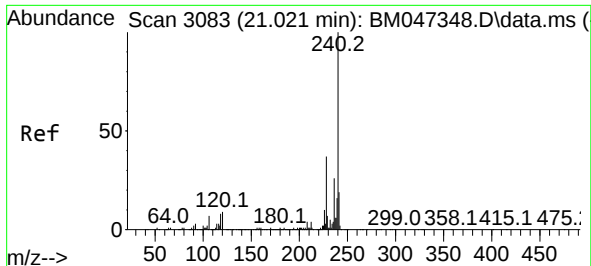
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.1 7.4 11.2

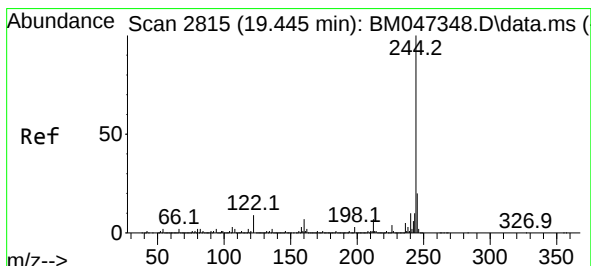
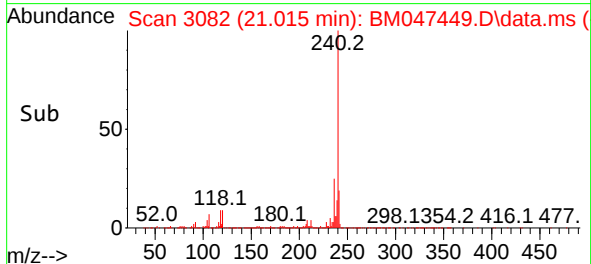
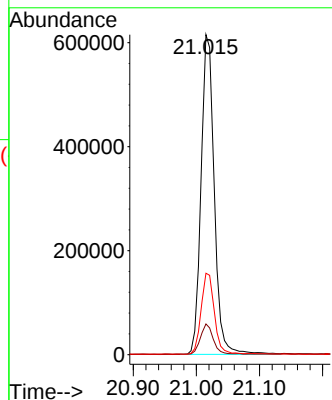
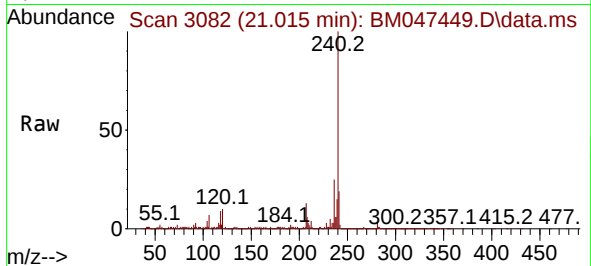




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

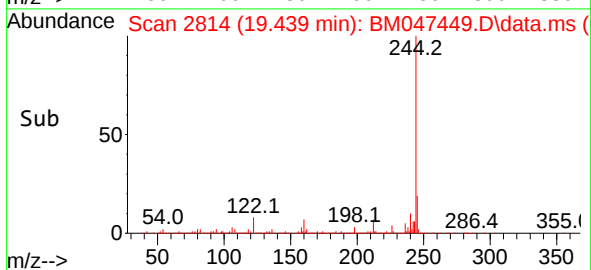
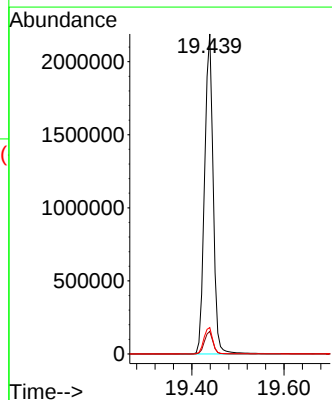
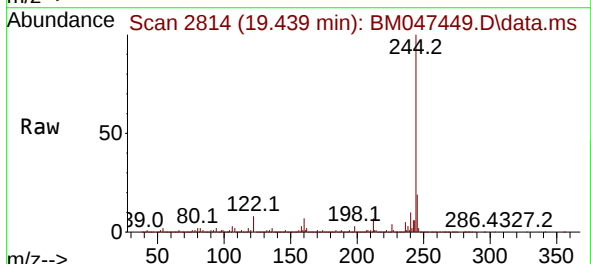
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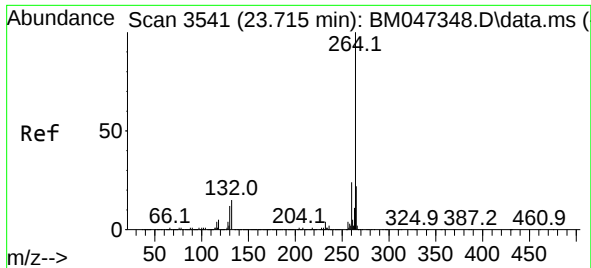
Tgt Ion:240 Resp: 894926
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 56.942 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

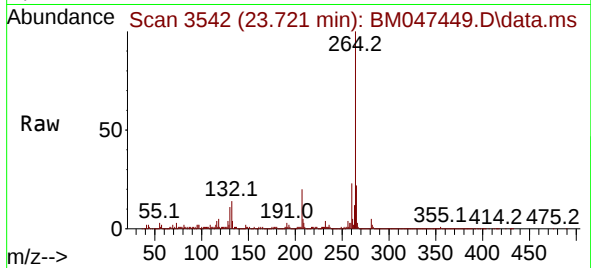
Tgt Ion:244 Resp: 2862913
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.3 7.0 10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM047449.D
 Acq: 05 Sep 2024 16:06

Instrument :
 BNA_M
 ClientSampleId :
 DN-B-38(B-8)



Tgt Ion:264 Resp: 1061529
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 22.1 17.8 26.6

