

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047309.D
 Acq On : 22 Aug 2024 09:54
 Operator : RC/JU
 Sample : PB162876BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162876BL

Quant Time: Aug 22 11:00:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	281766	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1075987	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	756240	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1704432	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1659655	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1651863	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1889403	119.818	ng	-0.01
7) Phenol-d6	6.569	99	2418934	111.327	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1594197	74.604	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1181198	134.706	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	3839979	78.325	ng	-0.02
79) Terphenyl-d14	19.445	244	7172700	92.606	ng	-0.02

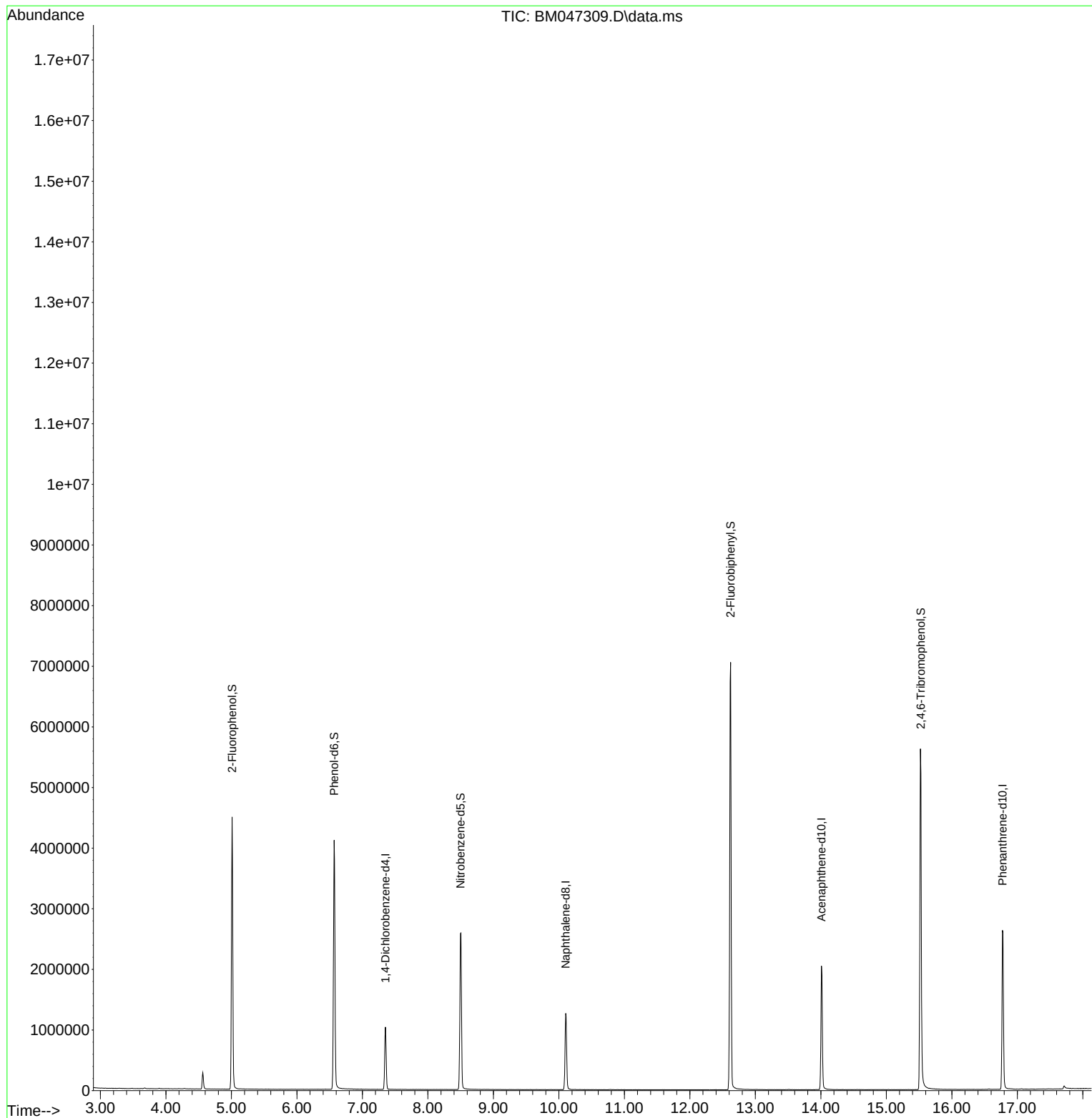
Target Compounds	Qvalue

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

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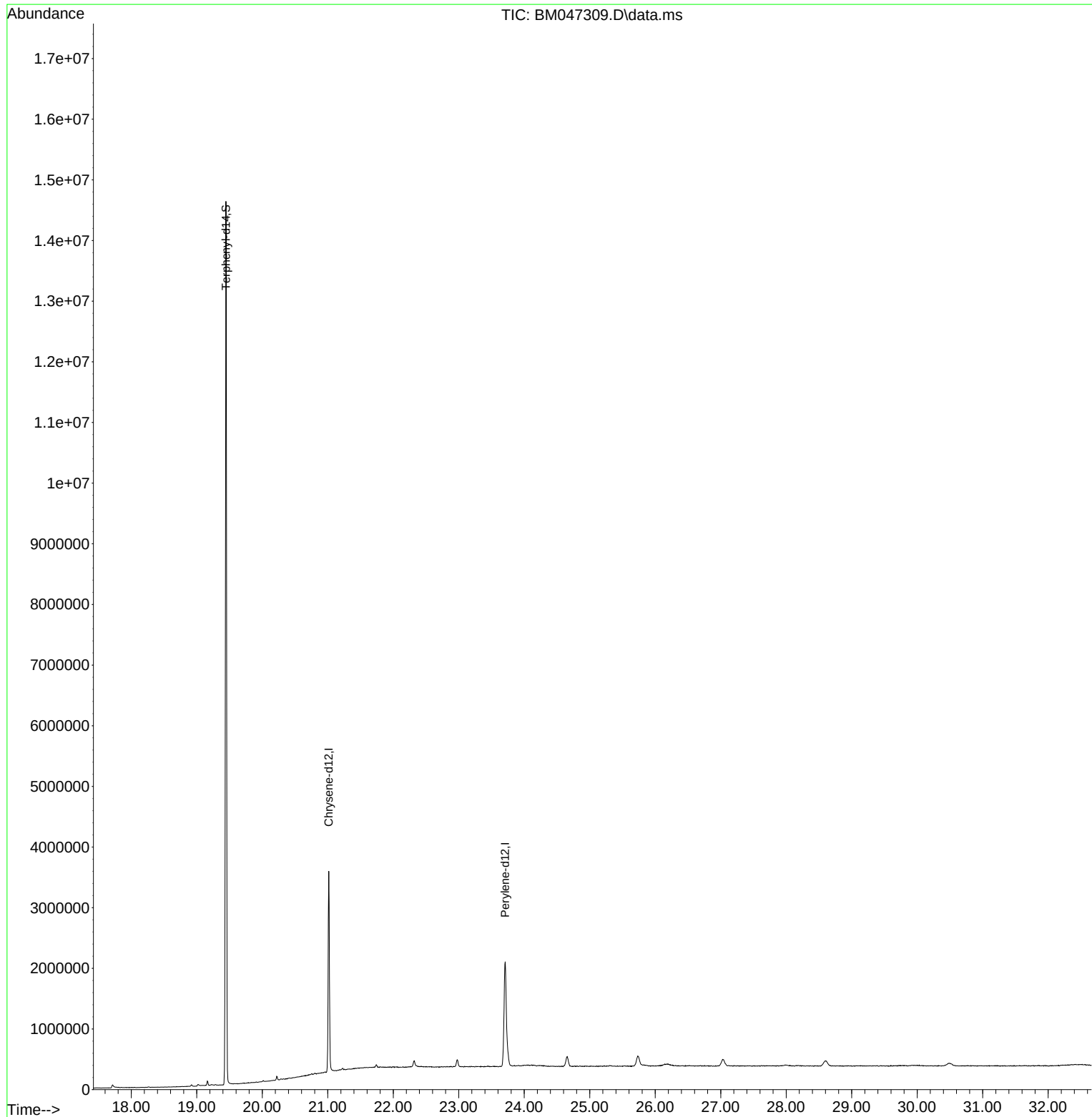
Quant Time: Aug 22 11:00:09 2024
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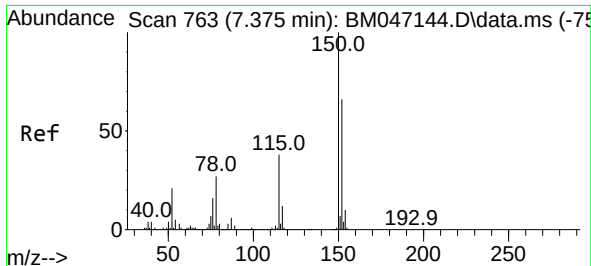


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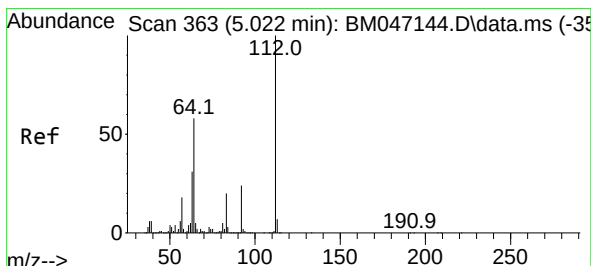
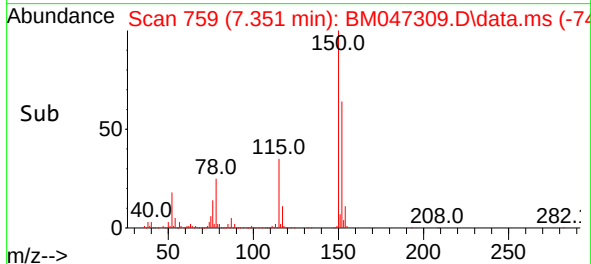
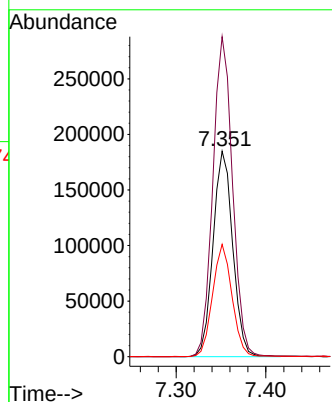
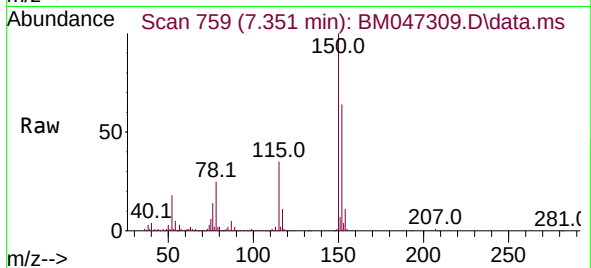




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047309.D
Acq: 22 Aug 2024 09:54

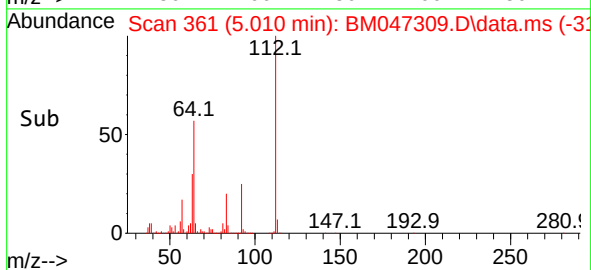
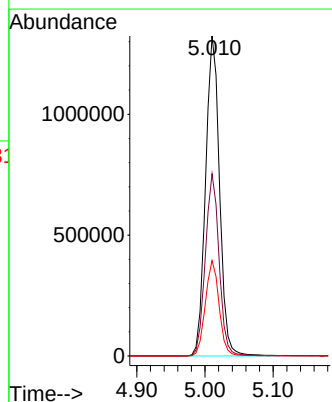
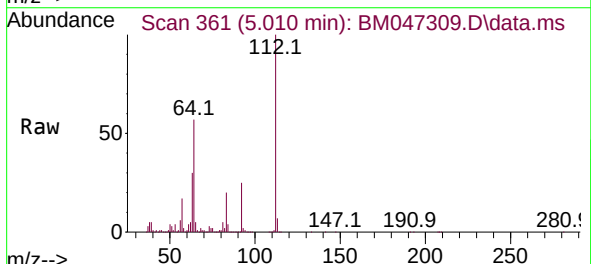
Instrument :
BNA_M
ClientSampleId :
PB162876BL

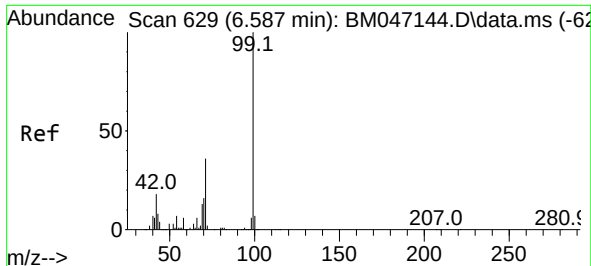
Tgt Ion:152 Resp: 281766
Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 54.7 45.5 68.3



#5
2-Fluorophenol
Concen: 119.818 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047309.D
Acq: 22 Aug 2024 09:54

Tgt Ion:112 Resp: 1889403
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 29.8 24.8 37.2

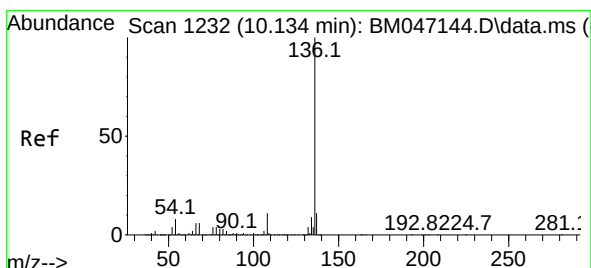
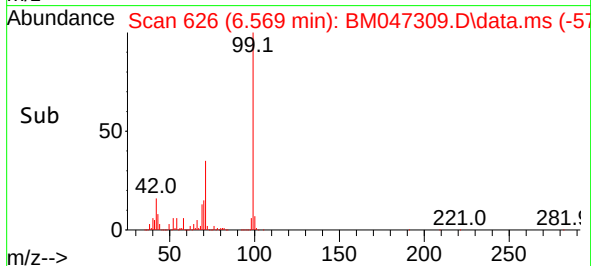
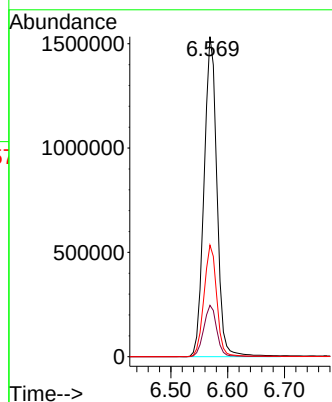
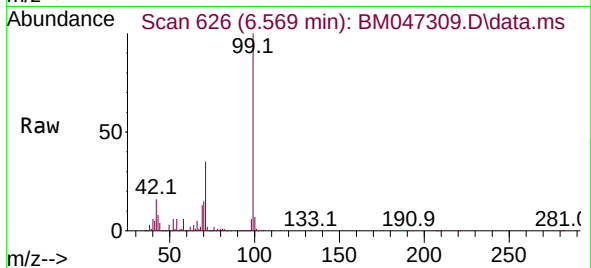




#7
Phenol-d6
Concen: 111.327 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047309.D
Acq: 22 Aug 2024 09:54

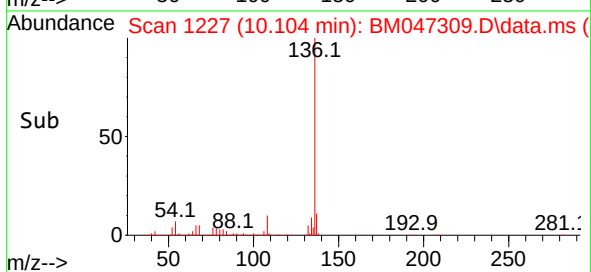
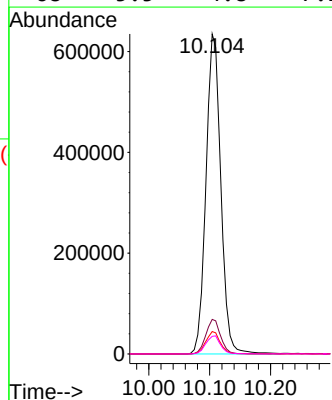
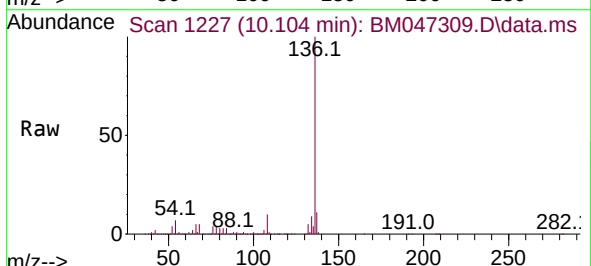
Instrument :
BNA_M
ClientSampleId :
PB162876BL

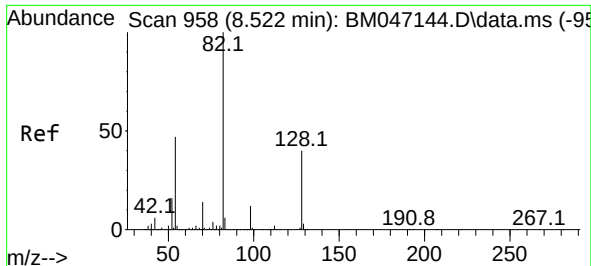
Tgt Ion: 99 Resp: 2418934
Ion Ratio Lower Upper
99 100
42 16.1 14.1 21.1
71 34.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047309.D
Acq: 22 Aug 2024 09:54

Tgt Ion: 136 Resp: 1075987
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 6.0 9.0
68 5.5 4.8 7.2

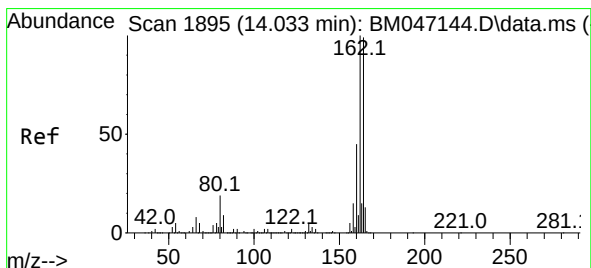
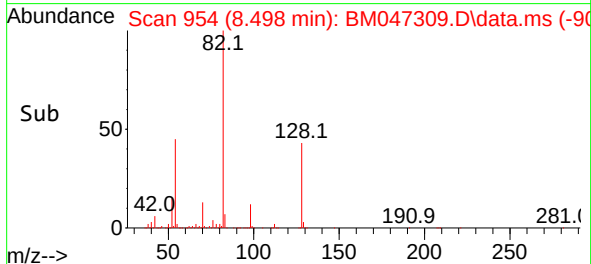
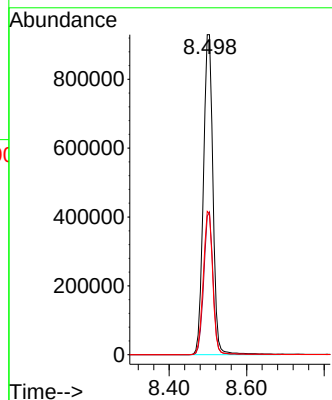
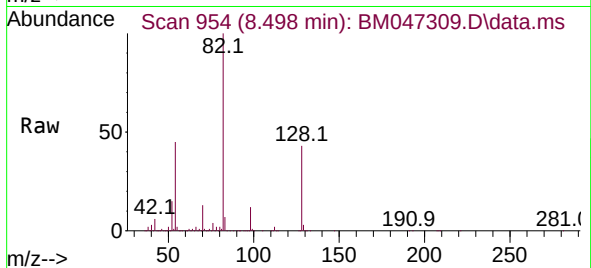




#23
 Nitrobenzene-d5
 Concen: 74.604 ng
 RT: 8.498 min Scan# 91
 Delta R.T. -0.024 min
 Lab File: BM047309.D
 Acq: 22 Aug 2024 09:54

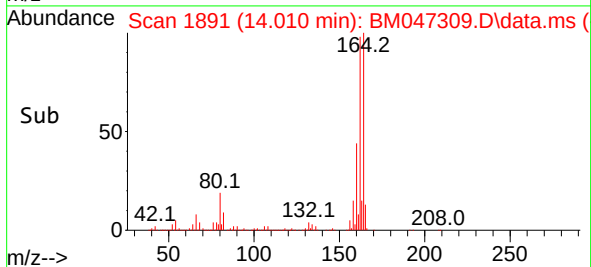
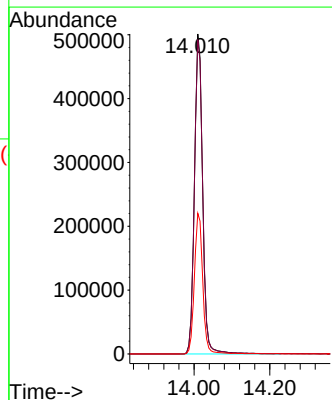
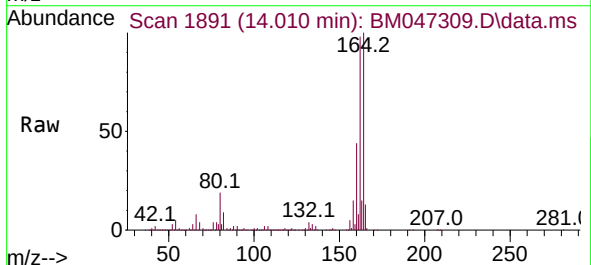
Instrument :
 BNA_M
 ClientSampleId :
 PB162876BL

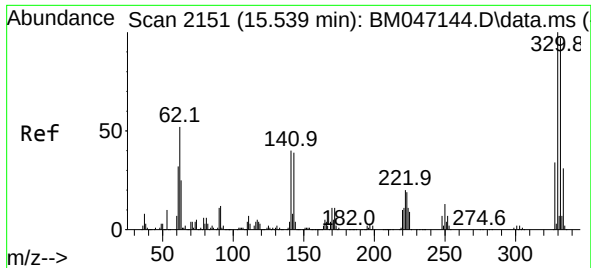
Tgt Ion: 82 Resp: 1594197
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.3 48.5
 54 44.8 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.010 min Scan# 1891
 Delta R.T. -0.024 min
 Lab File: BM047309.D
 Acq: 22 Aug 2024 09:54

Tgt Ion:164 Resp: 756240
 Ion Ratio Lower Upper
 164 100
 162 98.2 80.7 121.1
 160 44.0 36.0 54.0

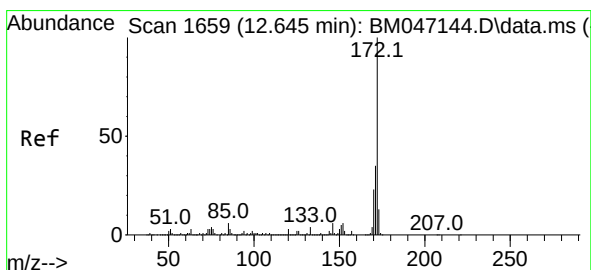
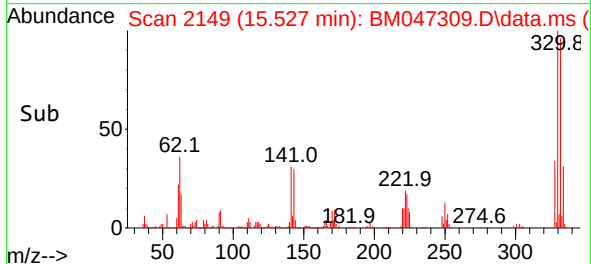
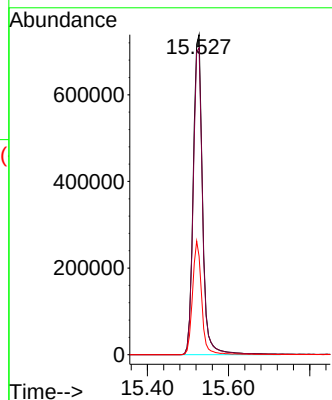
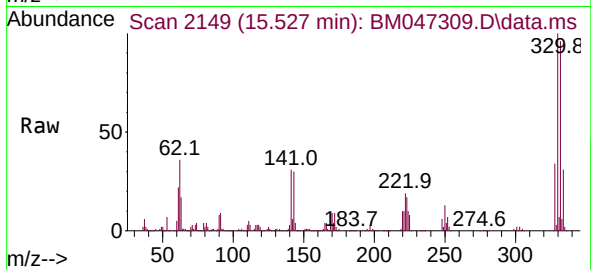




#42
2,4,6-Tribromophenol
Concen: 134.706 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047309.D
Acq: 22 Aug 2024 09:54

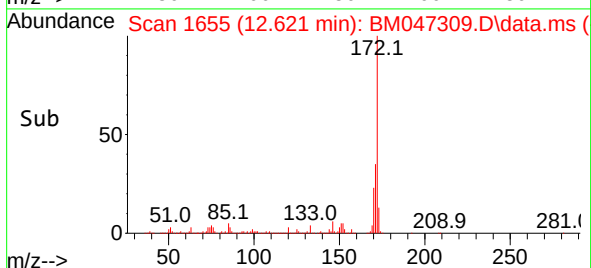
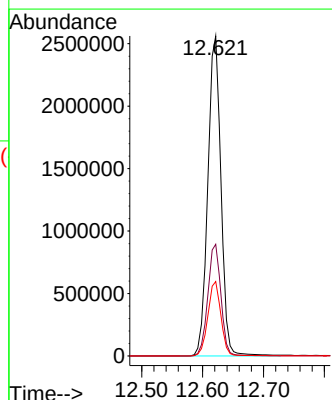
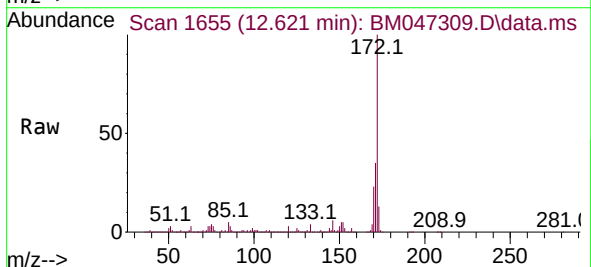
Instrument :
BNA_M
ClientSampleId :
PB162876BL

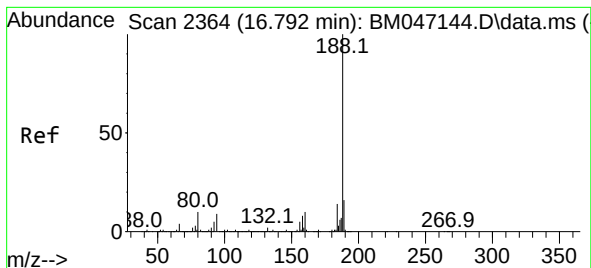
Tgt Ion:330 Resp: 1181198
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.9 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 78.325 ng
RT: 12.621 min Scan# 1655
Delta R.T. -0.024 min
Lab File: BM047309.D
Acq: 22 Aug 2024 09:54

Tgt Ion:172 Resp: 3839979
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047309.D

Acq: 22 Aug 2024 09:54

Instrument :

BNA_M

ClientSampleId :

PB162876BL

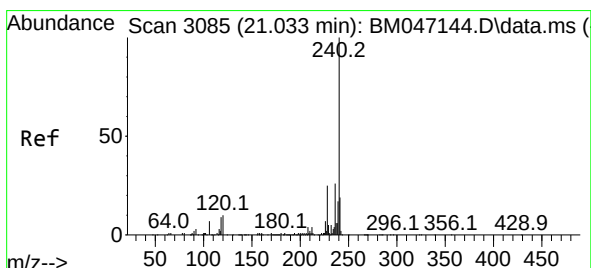
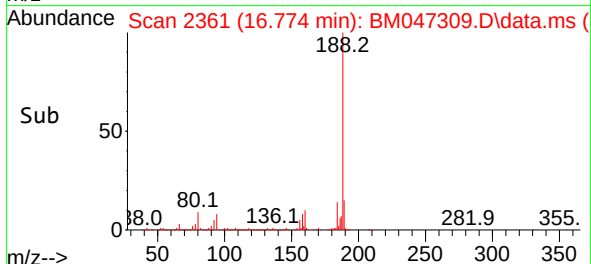
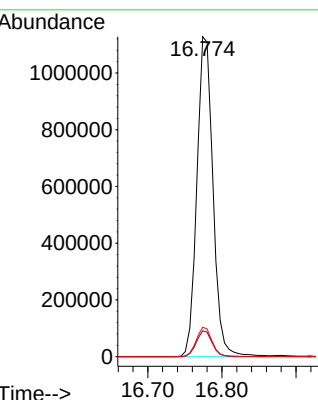
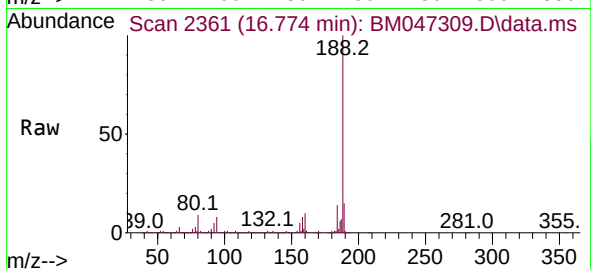
Tgt Ion:188 Resp: 1704432

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.2 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM047309.D

Acq: 22 Aug 2024 09:54

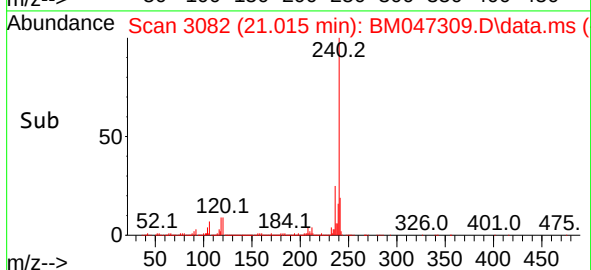
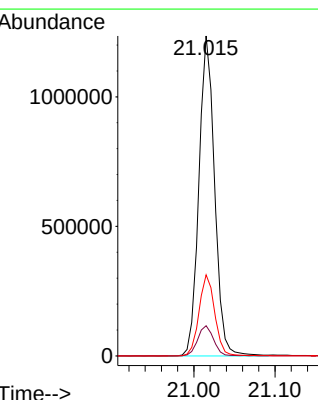
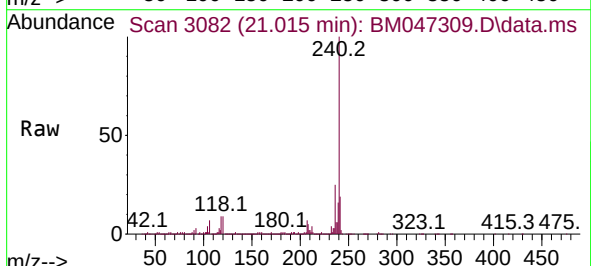
Tgt Ion:240 Resp: 1659655

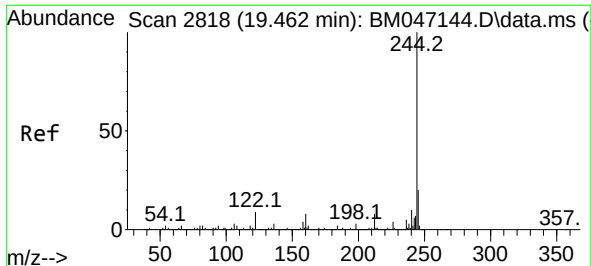
Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

236 25.4 20.6 30.8

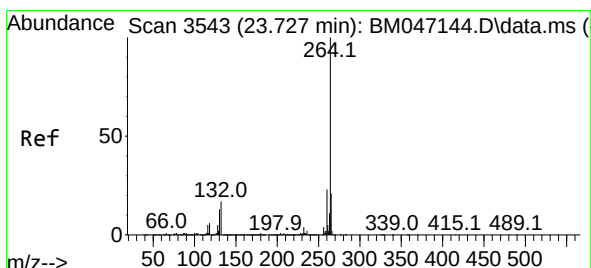
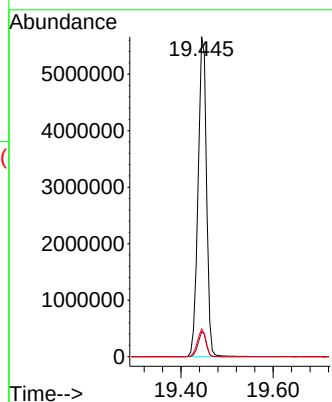
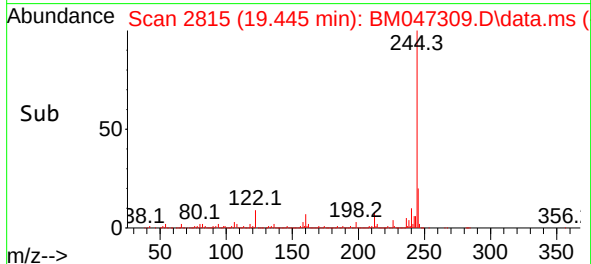
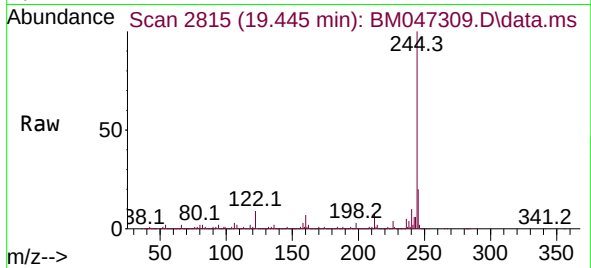




#79
 Terphenyl-d14
 Concen: 92.606 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047309.D
 Acq: 22 Aug 2024 09:54

Instrument :
 BNA_M
 ClientSampleId :
 PB162876BL

Tgt Ion:244 Resp: 7172700
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 8.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.709 min Scan# 3540
 Delta R.T. -0.018 min
 Lab File: BM047309.D
 Acq: 22 Aug 2024 09:54

Tgt Ion:264 Resp: 1651863
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.9 17.3 25.9

