

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081524\  
 Data File : BM047210.D  
 Acq On : 15 Aug 2024 11:31  
 Operator : RC/JU  
 Sample : PB162717BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162717BL

Quant Time: Aug 15 19:47:57 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	7.363	152	275556	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	992678	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	608749	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1179865	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1082659	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1267377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1814978	117.692	ng	0.00
7) Phenol-d6	6.581	99	2283485	107.461	ng	0.00
23) Nitrobenzene-d5	8.510	82	1517389	76.969	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	856179	121.297	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	3261665	82.648	ng	-0.01
79) Terphenyl-d14	19.456	244	4429118	87.660	ng	0.00

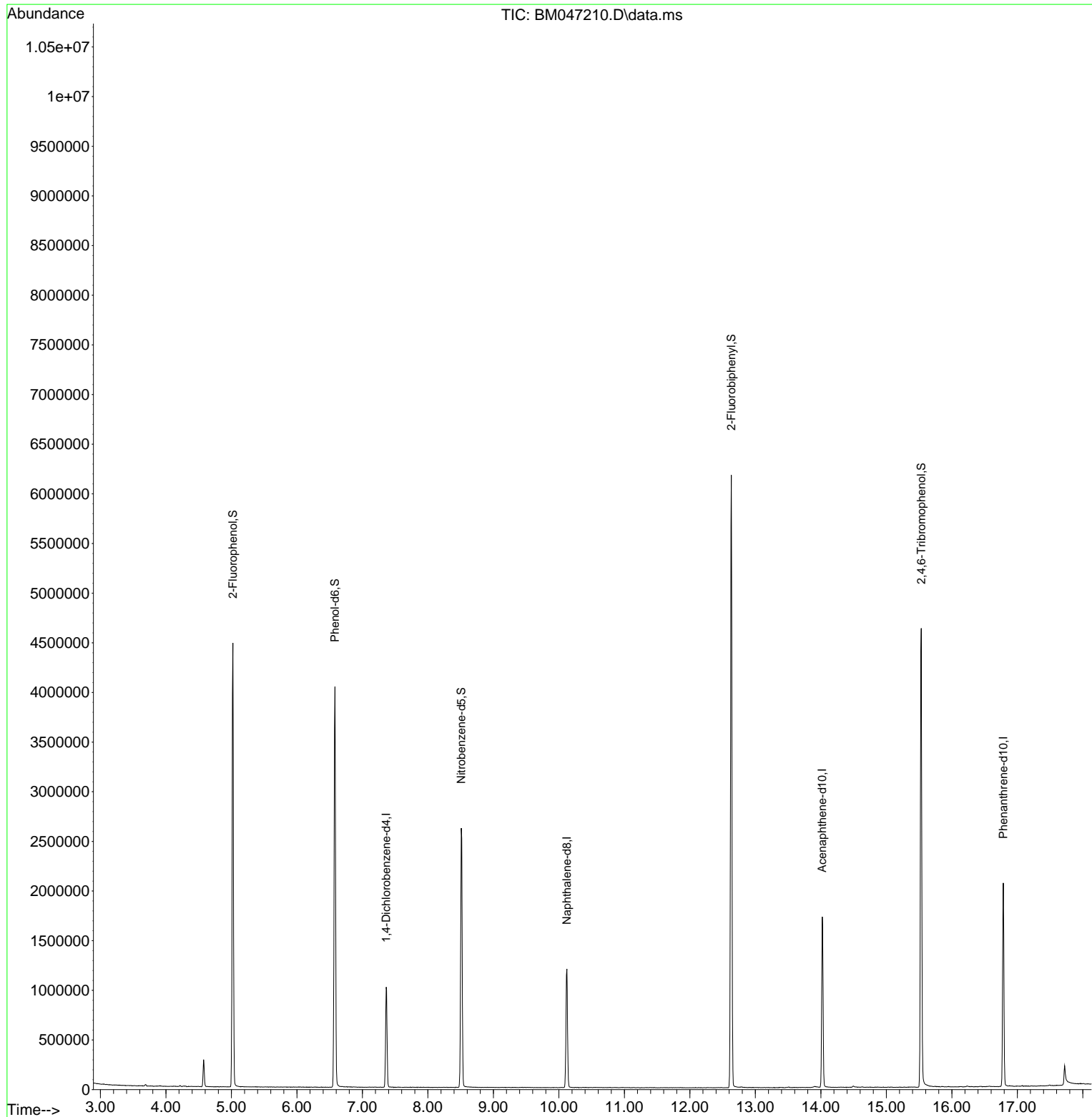
Target Compounds Qvalue

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

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PB162717BL

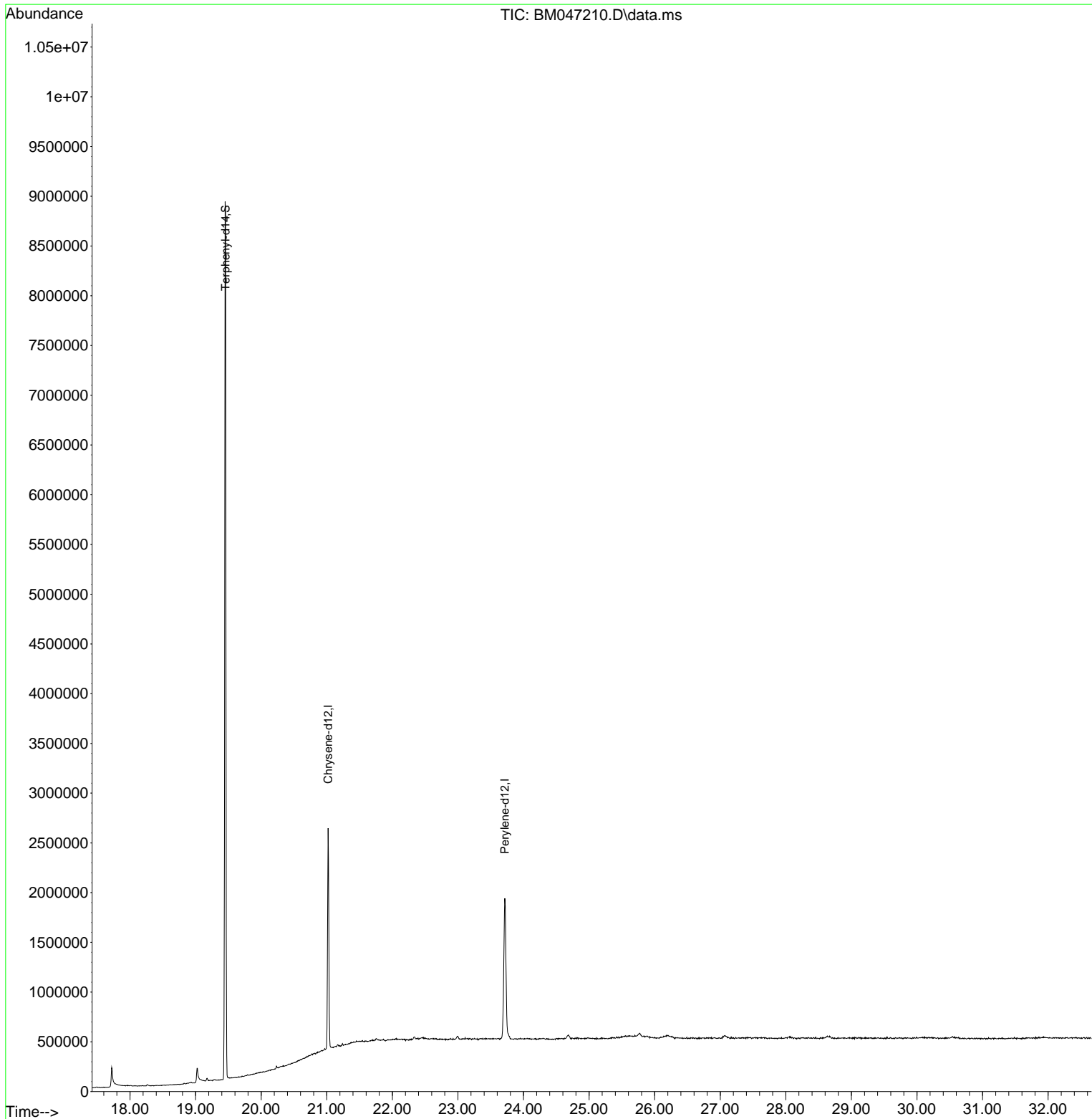
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
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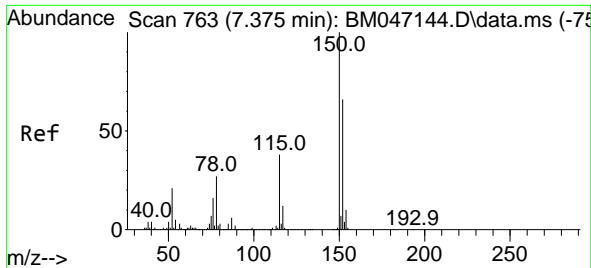


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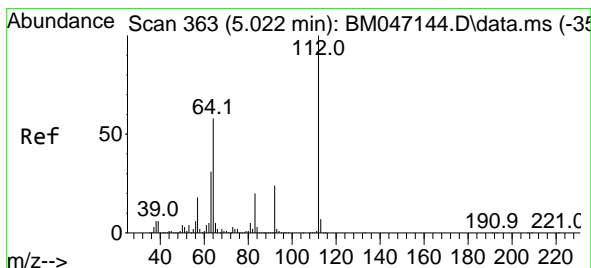
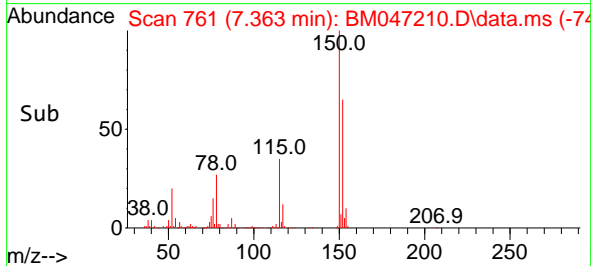
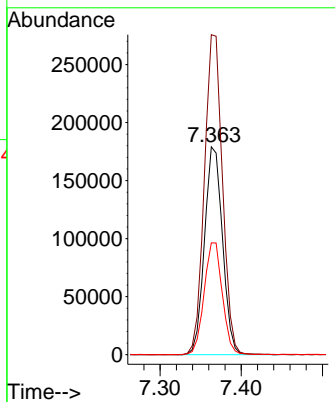
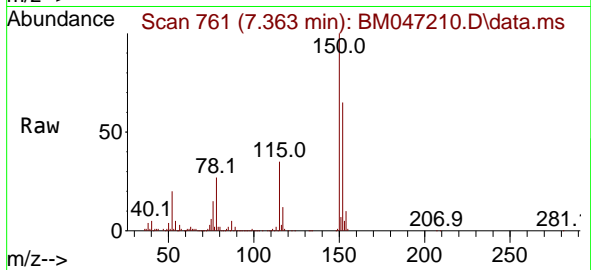




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.363 min Scan# 761  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

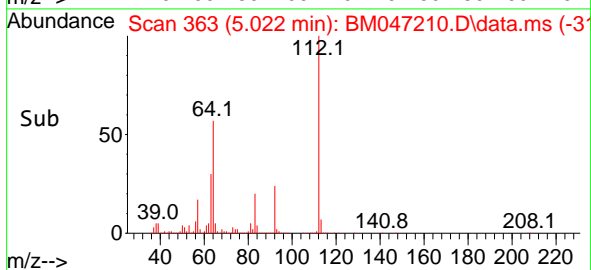
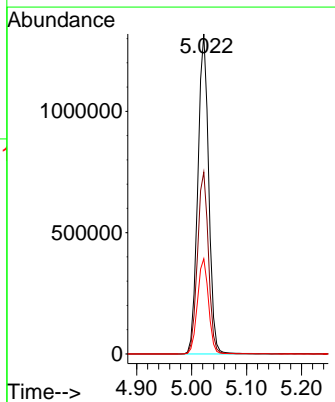
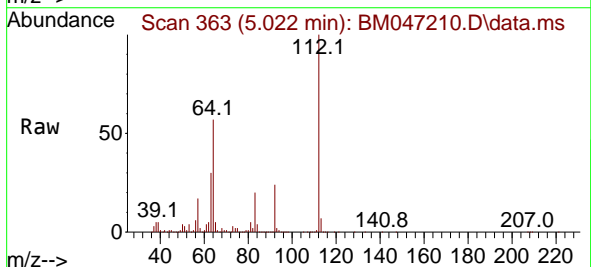
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162717BL

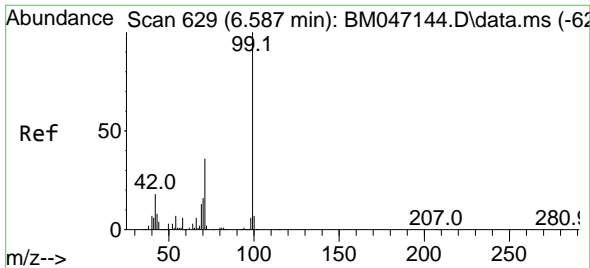
Tgt Ion:152 Resp: 275556  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 120.5 180.7  
 115 53.8 45.5 68.3



#5  
 2-Fluorophenol  
 Concen: 117.692 ng  
 RT: 5.022 min Scan# 363  
 Delta R.T. -0.000 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Tgt Ion:112 Resp: 1814978  
 Ion Ratio Lower Upper  
 112 100  
 64 56.8 46.7 70.1  
 63 29.7 24.8 37.2



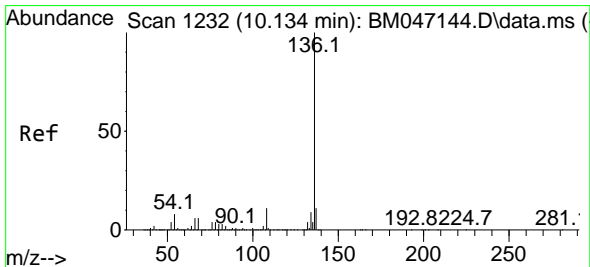
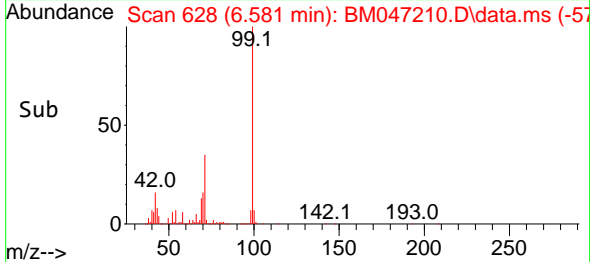
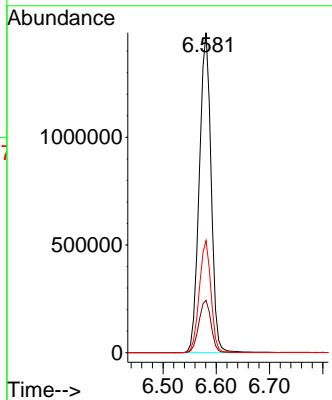
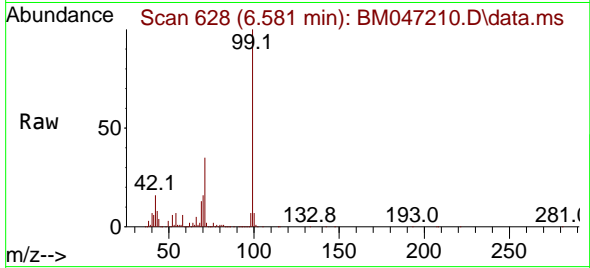


#7  
 Phenol-d6  
 Concen: 107.461 ng  
 RT: 6.581 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162717BL

Tgt Ion: 99 Resp: 2283485

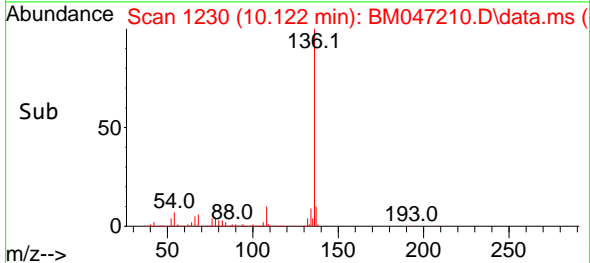
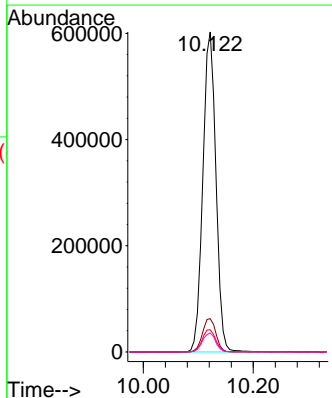
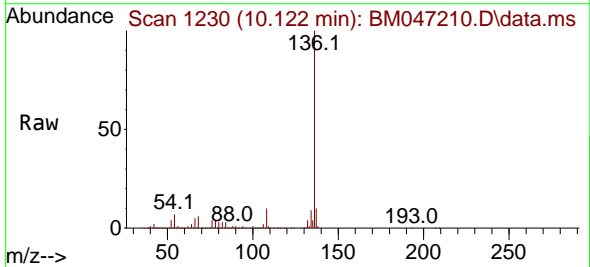
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	35.0	28.5	42.7

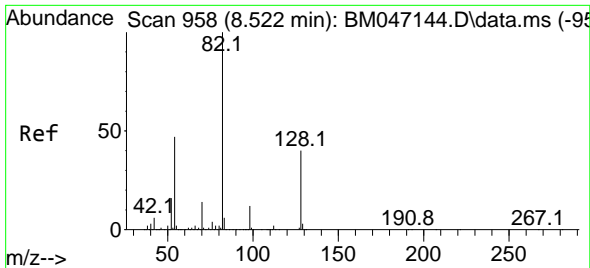


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.122 min Scan# 1230  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Tgt Ion: 136 Resp: 992678

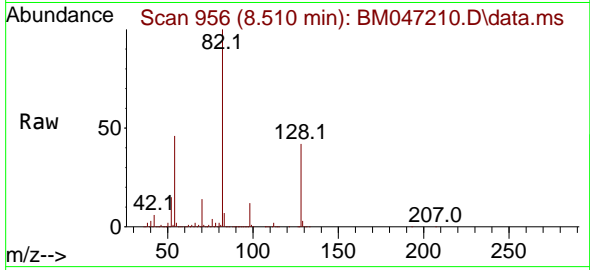
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.0	6.0	9.0
68	5.9	4.8	7.2



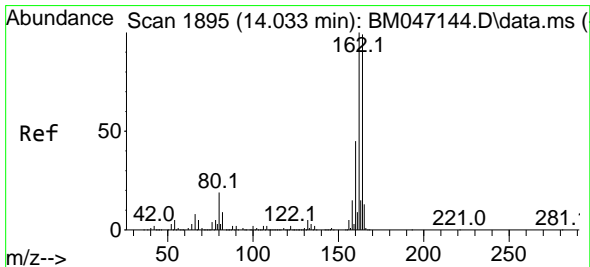
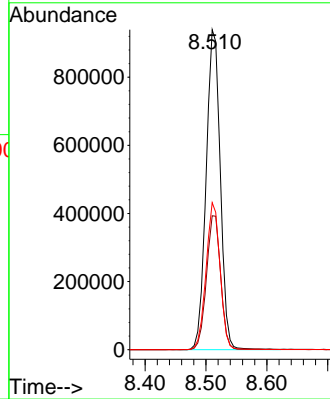
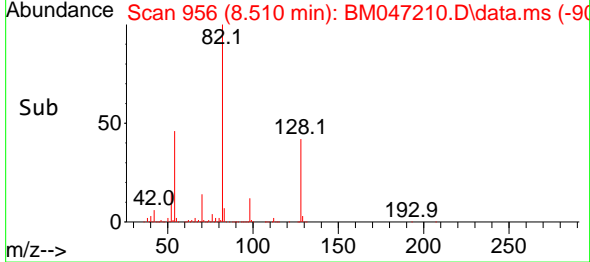


#23  
 Nitrobenzene-d5  
 Concen: 76.969 ng  
 RT: 8.510 min Scan# 91  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

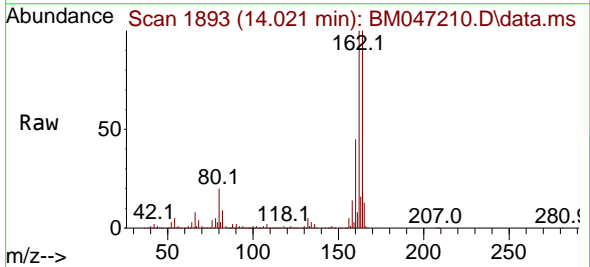
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162717BL



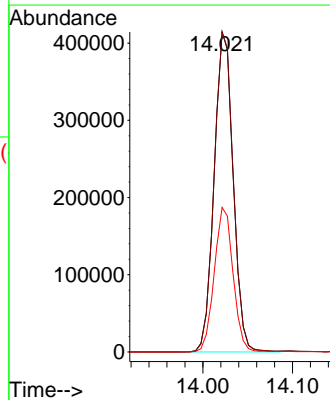
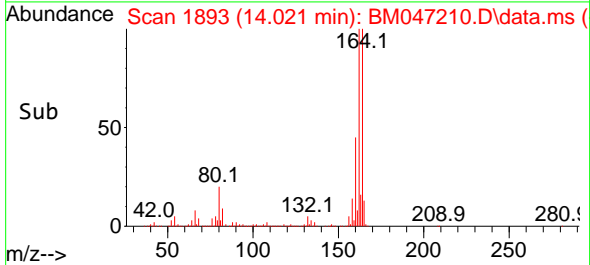
Tgt Ion: 82 Resp: 1517389  
 Ion Ratio Lower Upper  
 82 100  
 128 41.8 32.3 48.5  
 54 45.9 37.4 56.2

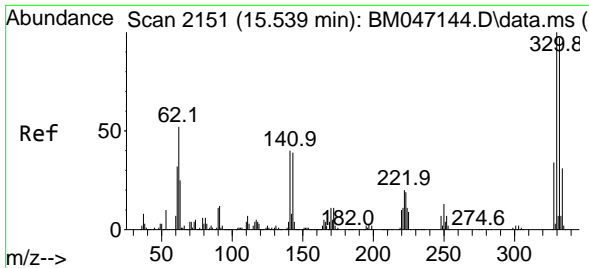


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.021 min Scan# 1893  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31



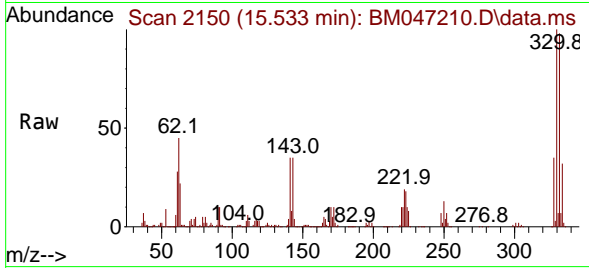
Tgt Ion: 164 Resp: 608749  
 Ion Ratio Lower Upper  
 164 100  
 162 99.9 80.7 121.1  
 160 45.1 36.0 54.0



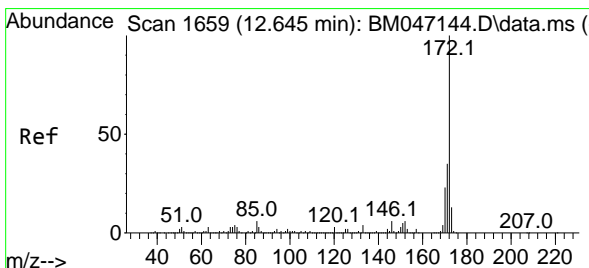
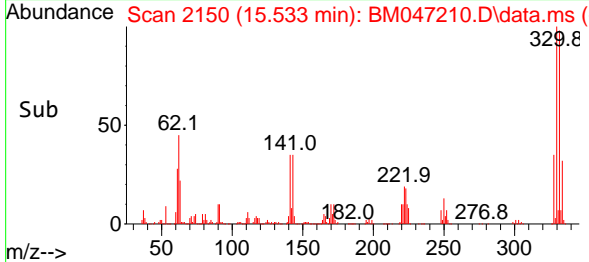
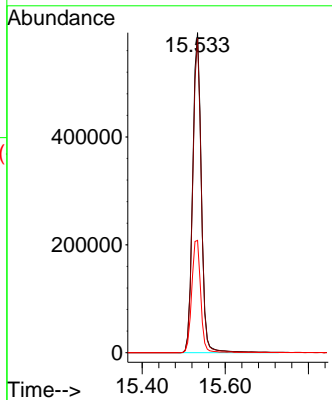


#42  
 2,4,6-Tribromophenol  
 Concen: 121.297 ng  
 RT: 15.533 min Scan# 2151  
 Delta R.T. -0.006 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162717BL

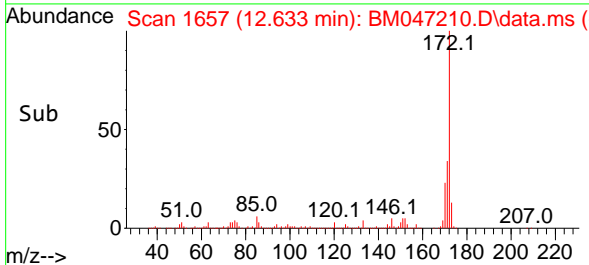
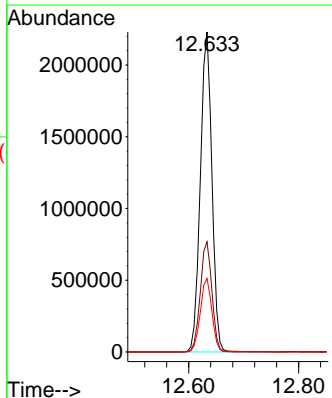
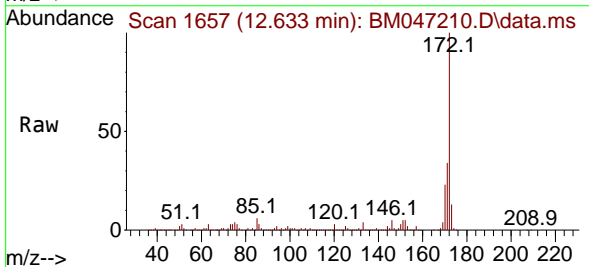


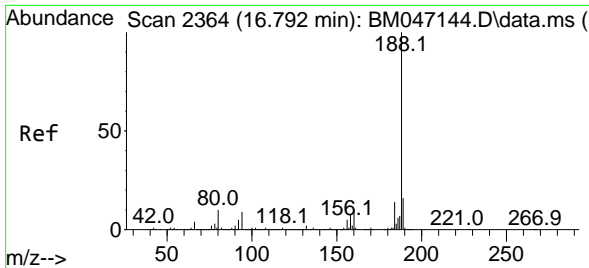
Tgt Ion:330 Resp: 856179  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 77.4 116.2  
 141 36.2 31.6 47.4



#45  
 2-Fluorobiphenyl  
 Concen: 82.648 ng  
 RT: 12.633 min Scan# 1657  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Tgt Ion:172 Resp: 3261665  
 Ion Ratio Lower Upper  
 172 100  
 171 34.5 27.8 41.6  
 170 23.0 18.7 28.1



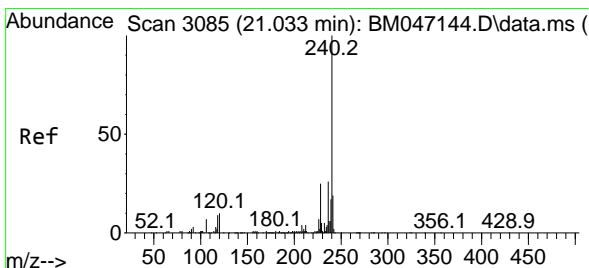
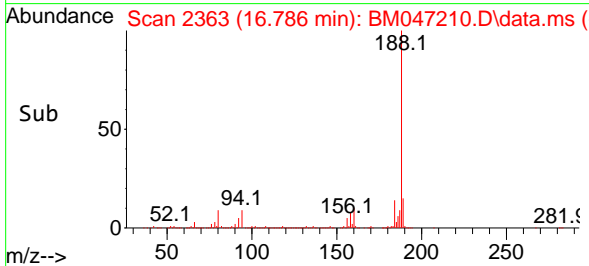
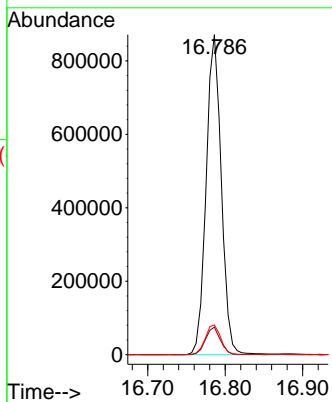
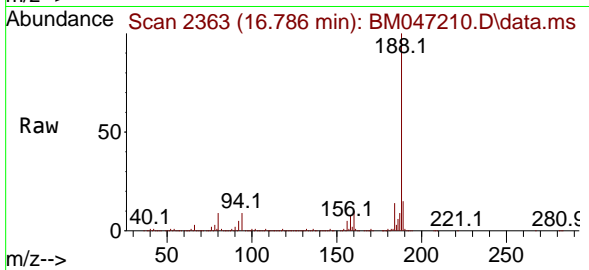


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.786 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Instrument :  
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 ClientSampleId :  
 PB162717BL

Tgt Ion:188 Resp: 1179865

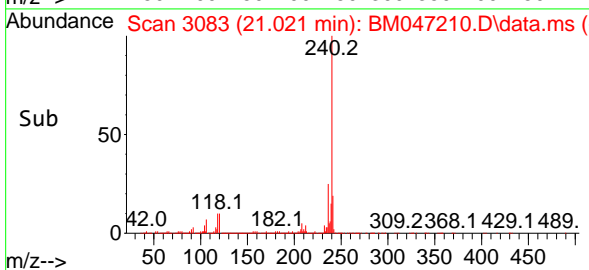
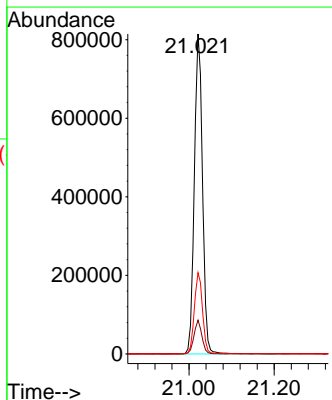
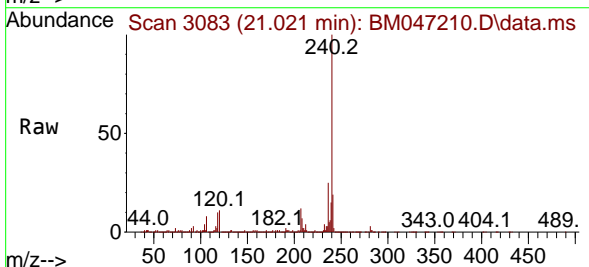
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.3	8.0	12.0



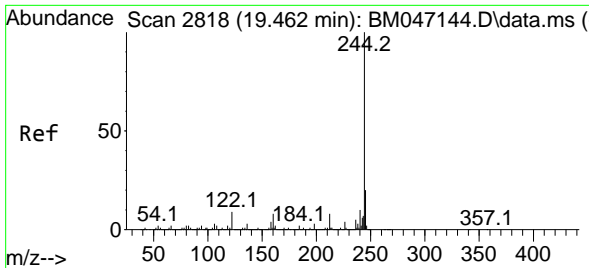
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.021 min Scan# 3083  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Tgt Ion:240 Resp: 1082659

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.4	20.6	30.8



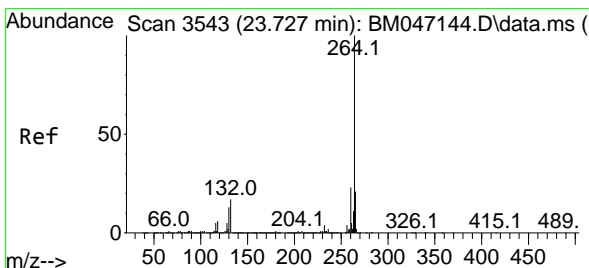
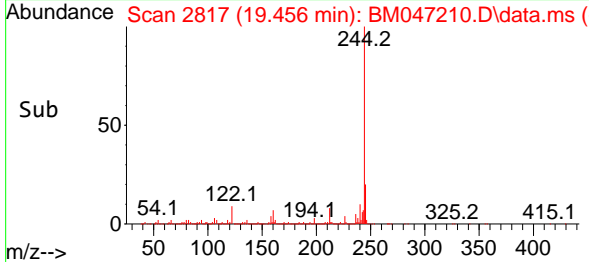
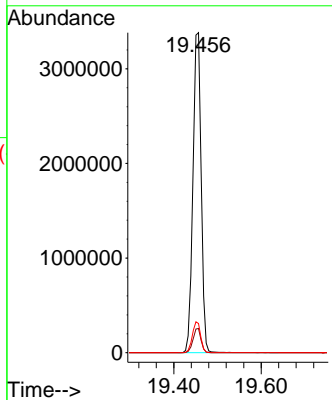
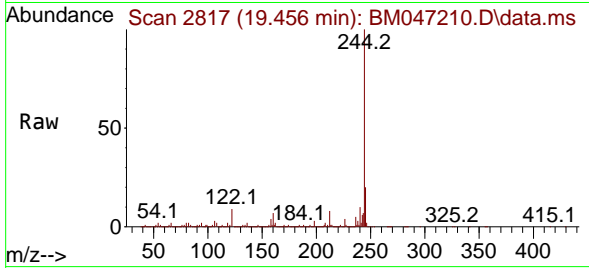




#79  
 Terphenyl-d14  
 Concen: 87.660 ng  
 RT: 19.456 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Instrument :  
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 PB162717BL

Tgt Ion:244 Resp: 4429118  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.1 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.715 min Scan# 3541  
 Delta R.T. -0.012 min  
 Lab File: BM047210.D  
 Acq: 15 Aug 2024 11:31

Tgt Ion:264 Resp: 1267377  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.5 27.7  
 265 21.7 17.3 25.9

