

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
 Data File : BM047280.D  
 Acq On : 20 Aug 2024 21:34  
 Operator : RC/JU  
 Sample : P3645-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 914-J-WS-081524

Quant Time: Aug 21 02:50:23 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	7.357	152	298308	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1085870	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	684460	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1321034	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1060406	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1115038	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1346112	80.631	ng	0.00
7) Phenol-d6	6.569	99	1148482	49.926	ng	-0.02
23) Nitrobenzene-d5	8.504	82	1736153	80.508	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1026596	129.352	ng	-0.01
45) 2-Fluorobiphenyl	12.627	172	3866887	87.146	ng	-0.02
79) Terphenyl-d14	19.450	244	4372101	88.347	ng	-0.01

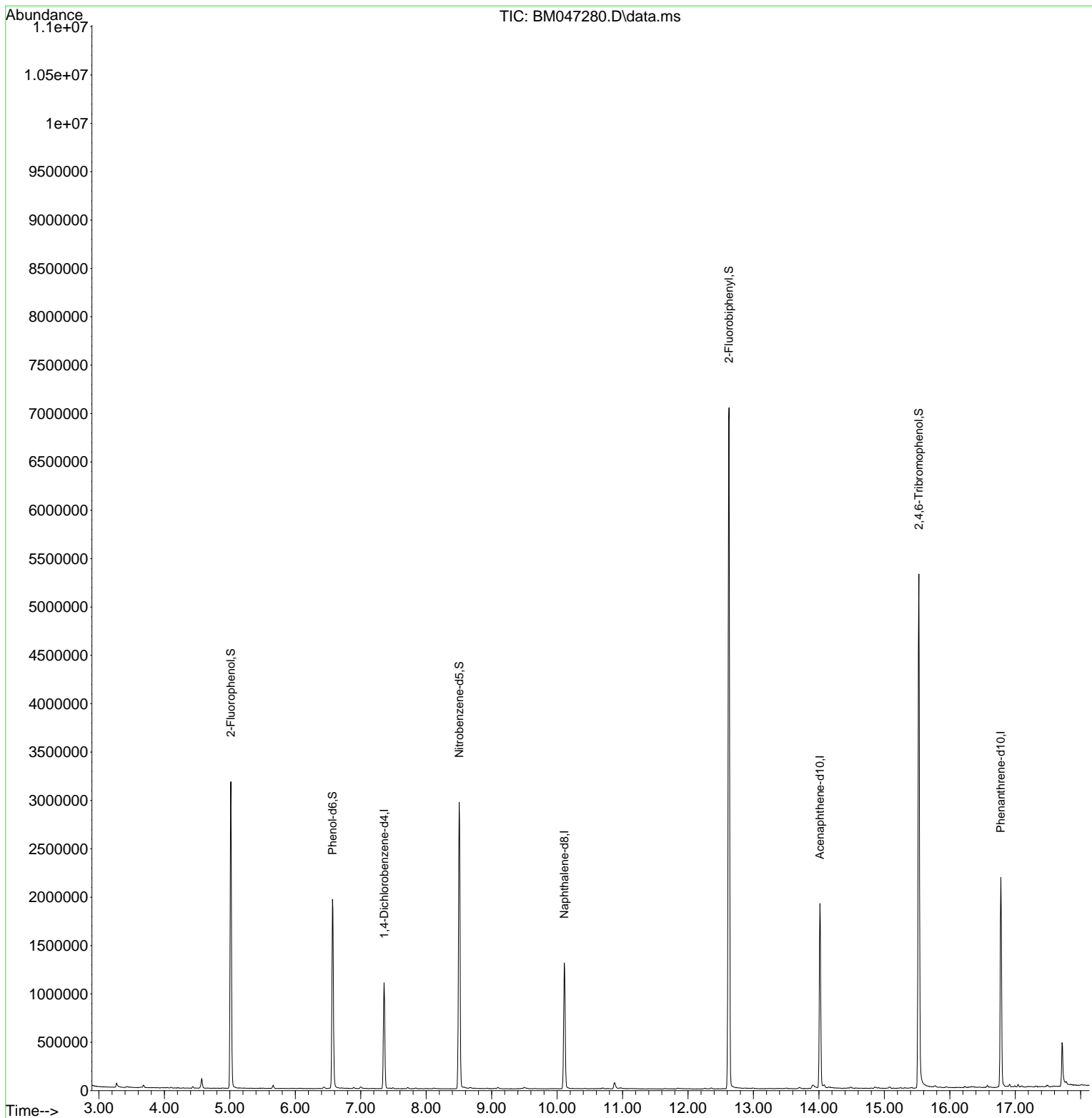
Target Compounds Qvalue

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

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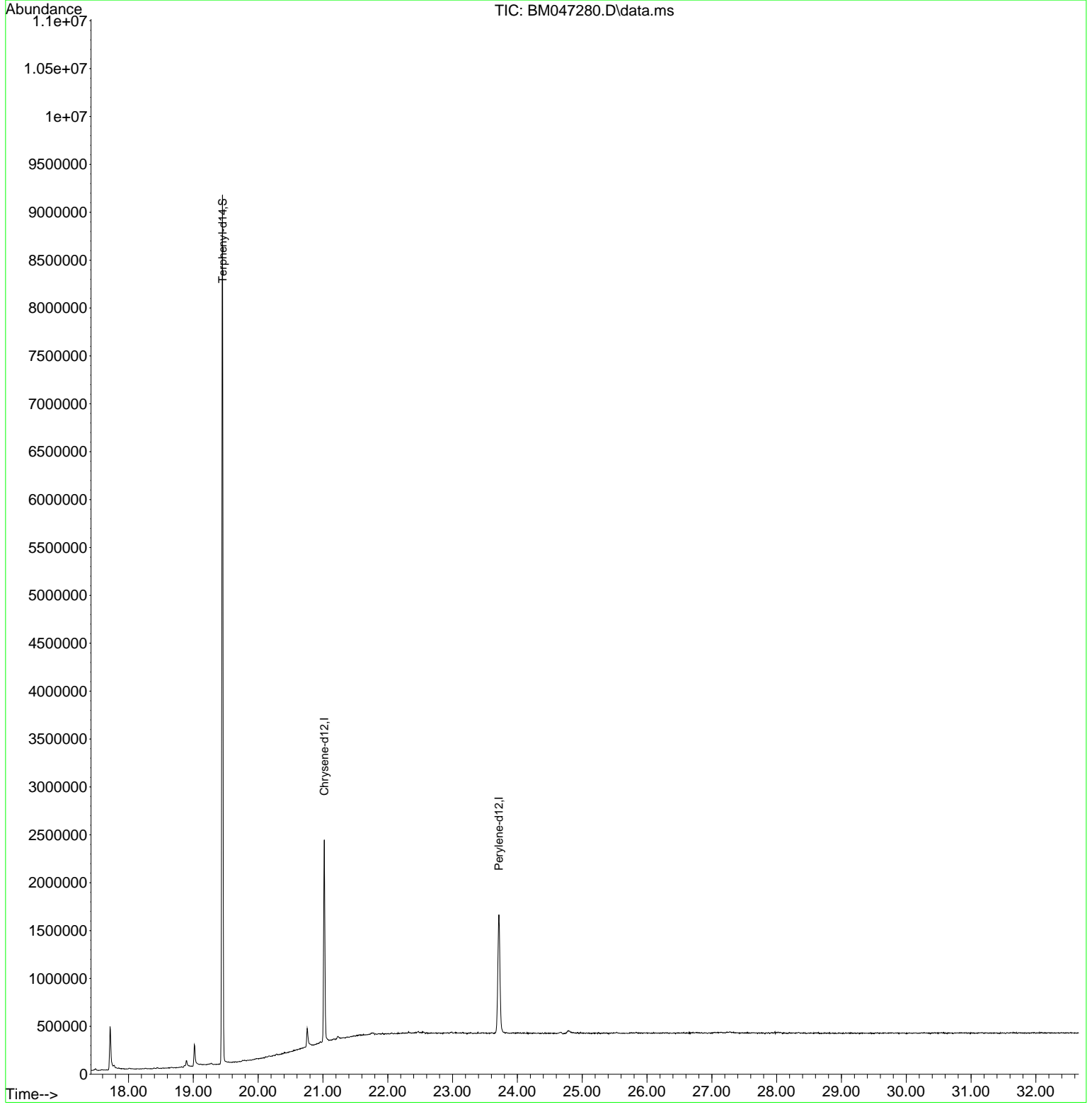
Quant Time: Aug 21 02:50:23 2024  
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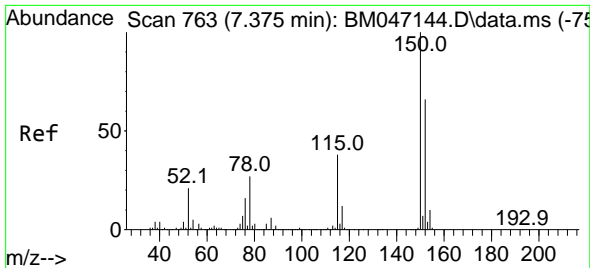


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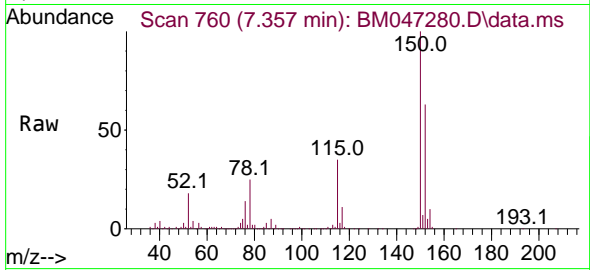
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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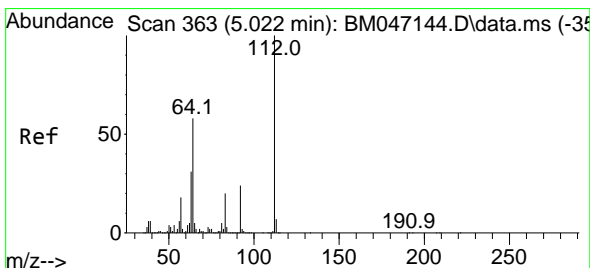
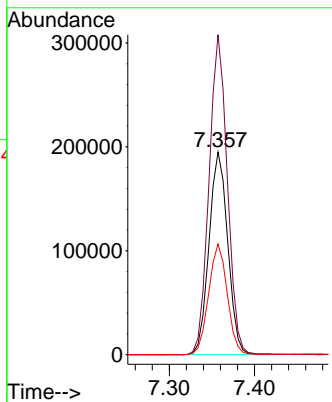
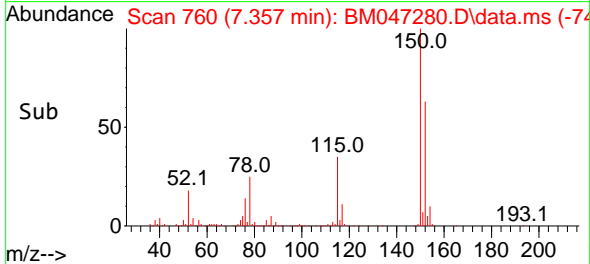


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.357 min Scan# 70  
 Delta R.T. -0.018 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 914-J-WS-081524

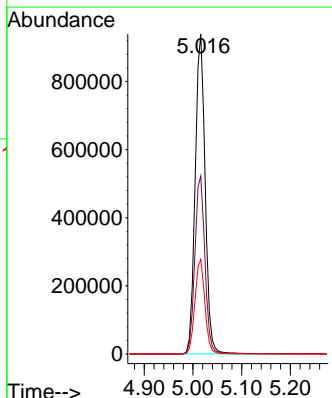
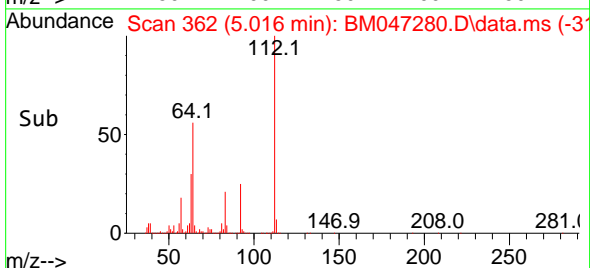
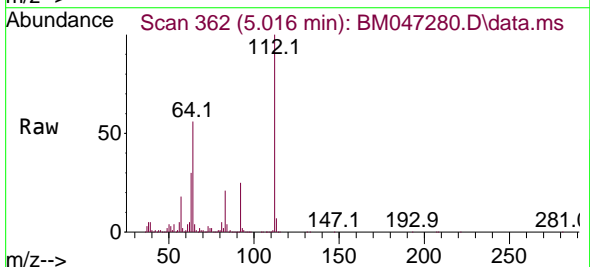


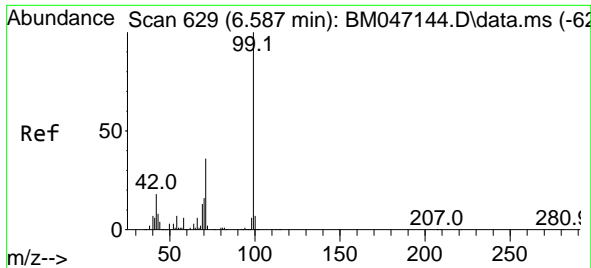
Tgt Ion:152 Resp: 298308  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 120.5 180.7  
 115 54.6 45.5 68.3



#5  
 2-Fluorophenol  
 Concen: 80.631 ng  
 RT: 5.016 min Scan# 362  
 Delta R.T. -0.006 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Tgt Ion:112 Resp: 1346112  
 Ion Ratio Lower Upper  
 112 100  
 64 55.6 46.7 70.1  
 63 29.5 24.8 37.2

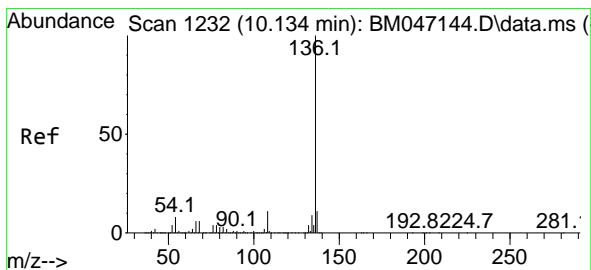
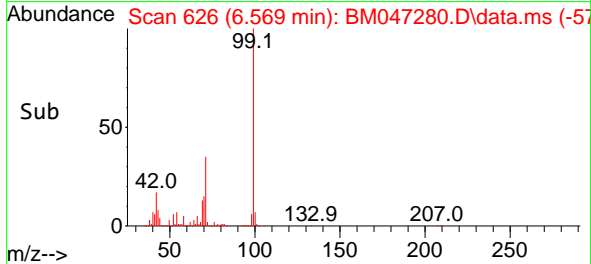
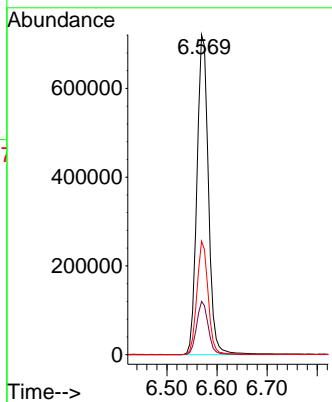
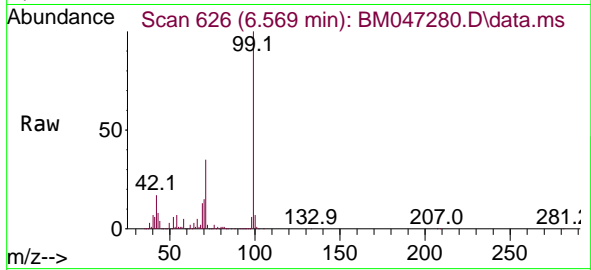




#7  
 Phenol-d6  
 Concen: 49.926 ng  
 RT: 6.569 min Scan# 61  
 Delta R.T. -0.018 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

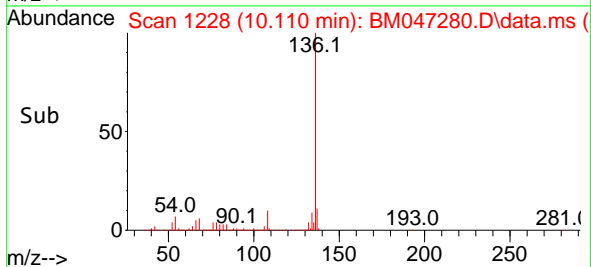
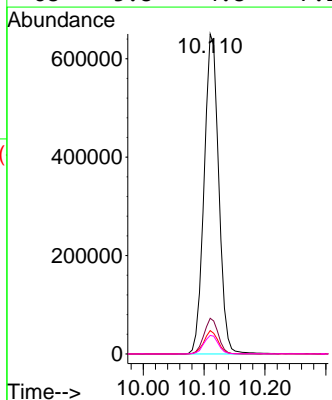
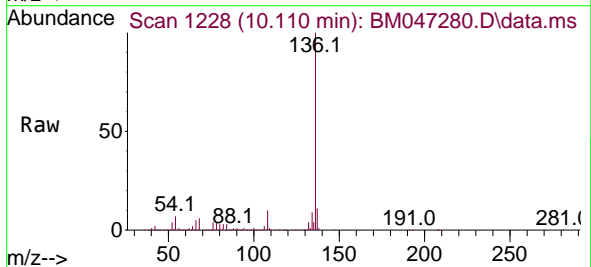
Instrument :  
 BNA\_M  
 ClientSampleId :  
 914-J-WS-081524

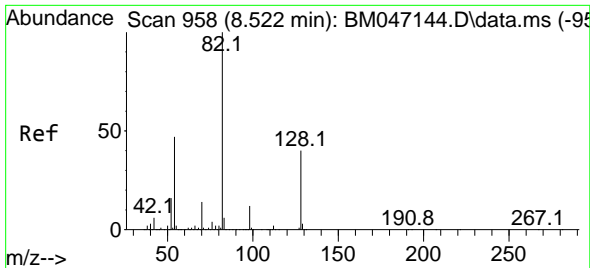
Tgt Ion: 99 Resp: 1148482  
 Ion Ratio Lower Upper  
 99 100  
 42 16.6 14.1 21.1  
 71 35.4 28.5 42.7



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.110 min Scan# 1228  
 Delta R.T. -0.024 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Tgt Ion: 136 Resp: 1085870  
 Ion Ratio Lower Upper  
 136 100  
 137 11.1 8.8 13.2  
 54 7.3 6.0 9.0  
 68 5.8 4.8 7.2



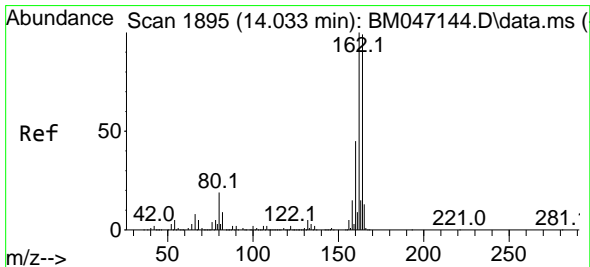
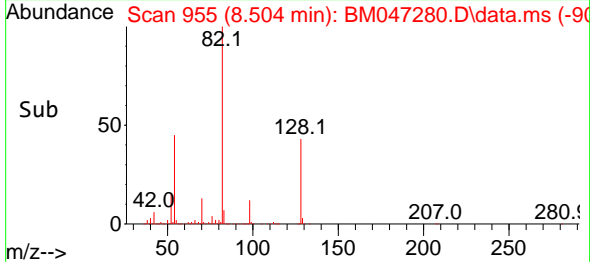
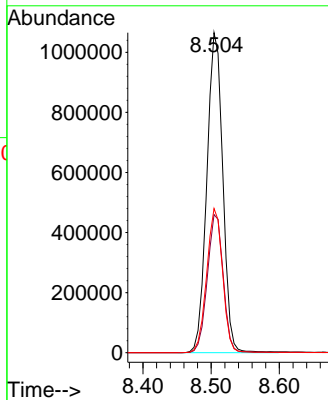
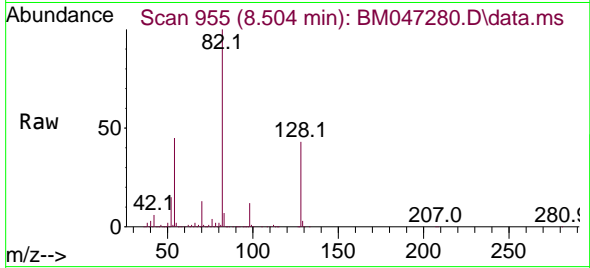


#23  
 Nitrobenzene-d5  
 Concen: 80.508 ng  
 RT: 8.504 min Scan# 91  
 Delta R.T. -0.018 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 914-J-WS-081524

Tgt Ion: 82 Resp: 1736153

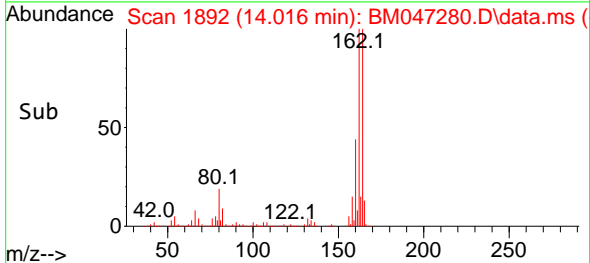
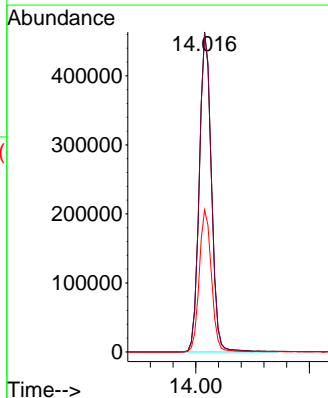
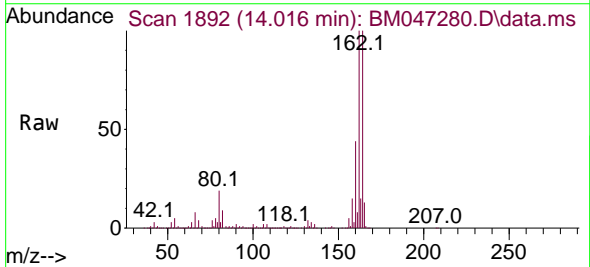
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.3	48.5
54	45.1	37.4	56.2

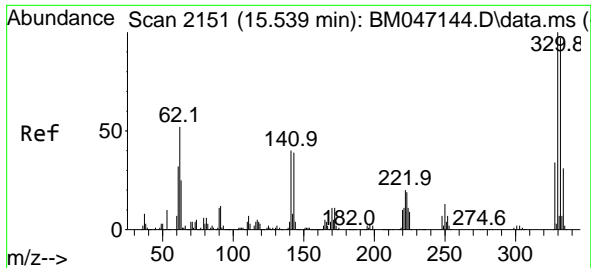


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.016 min Scan# 1892  
 Delta R.T. -0.018 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Tgt Ion: 164 Resp: 684460

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.7	121.1
160	44.4	36.0	54.0

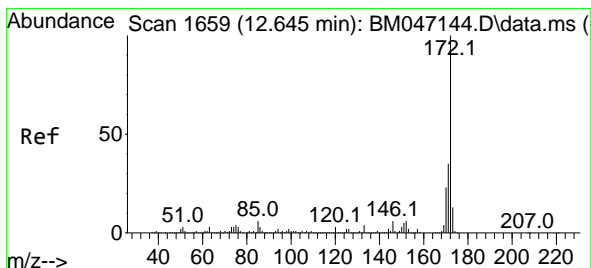
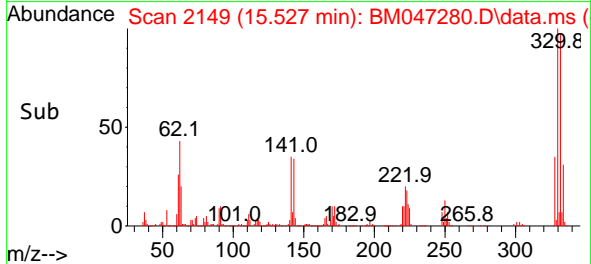
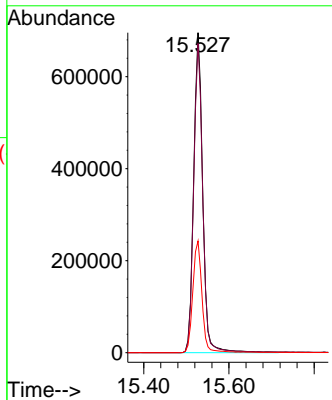
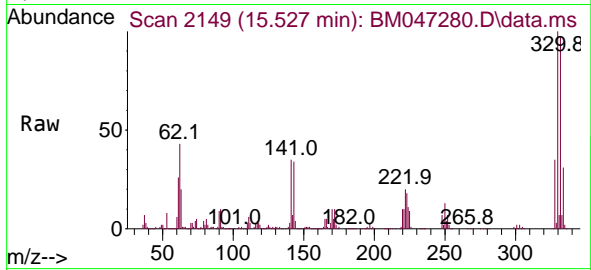




#42  
 2,4,6-Tribromophenol  
 Concen: 129.352 ng  
 RT: 15.527 min Scan# 2151  
 Delta R.T. -0.012 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

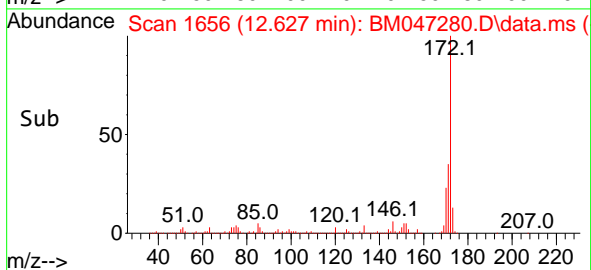
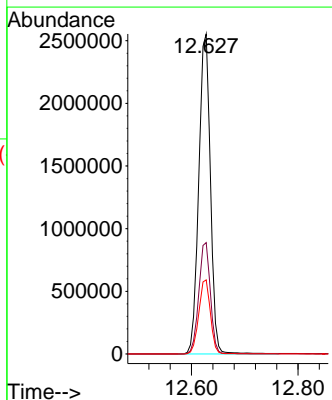
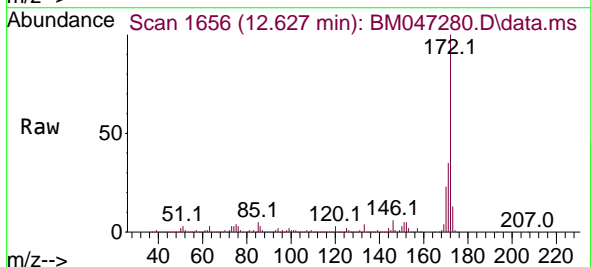
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 ClientSampleId :  
 914-J-WS-081524

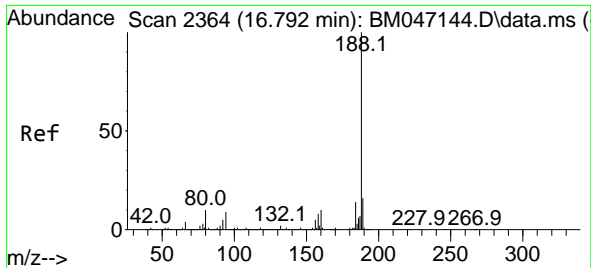
Tgt Ion:330 Resp: 1026596  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.4 116.2  
 141 35.8 31.6 47.4



#45  
 2-Fluorobiphenyl  
 Concen: 87.146 ng  
 RT: 12.627 min Scan# 1656  
 Delta R.T. -0.018 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Tgt Ion:172 Resp: 3866887  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 27.8 41.6  
 170 23.2 18.7 28.1



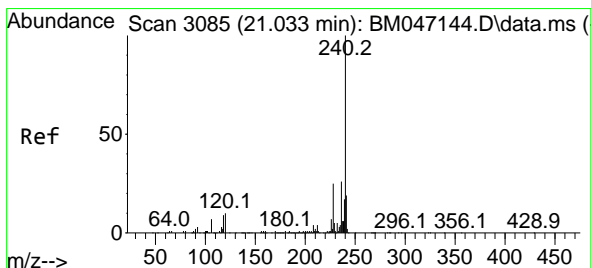
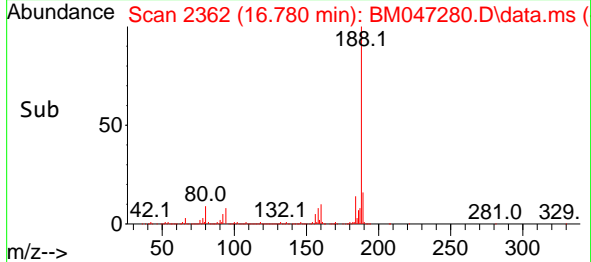
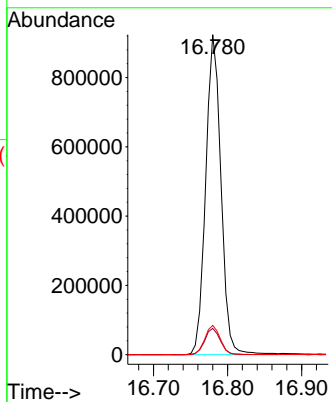
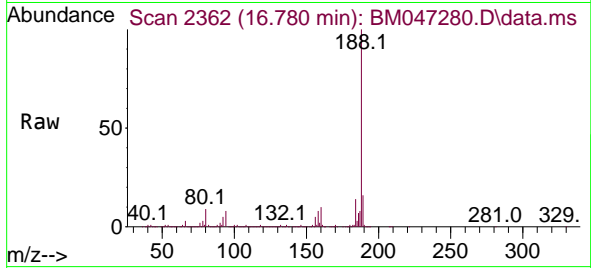


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.780 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Instrument :  
 BNA\_M  
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 914-J-WS-081524

Tgt Ion:188 Resp: 1321034

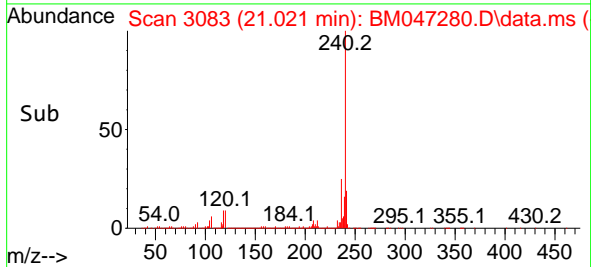
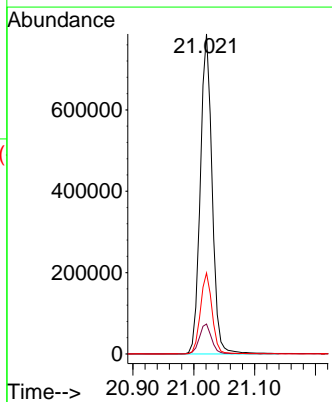
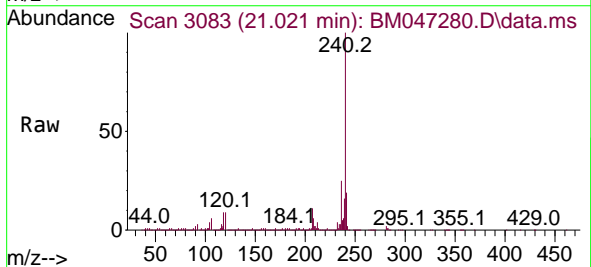
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	9.2	8.0	12.0



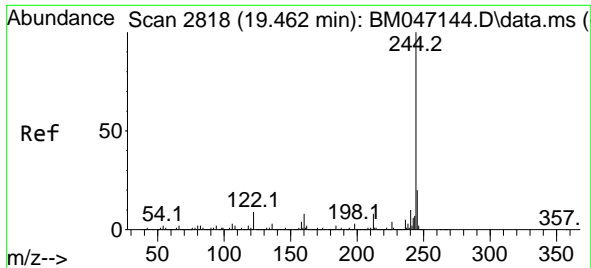
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.021 min Scan# 3083  
 Delta R.T. -0.012 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Tgt Ion:240 Resp: 1060406

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.3	20.6	30.8



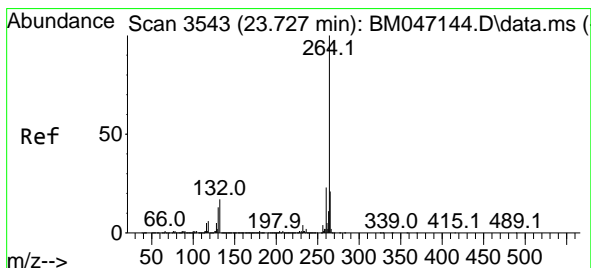
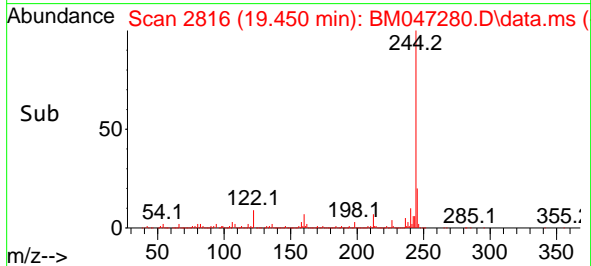
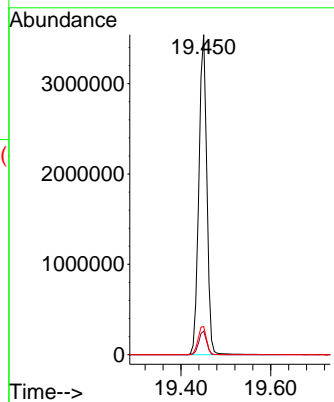
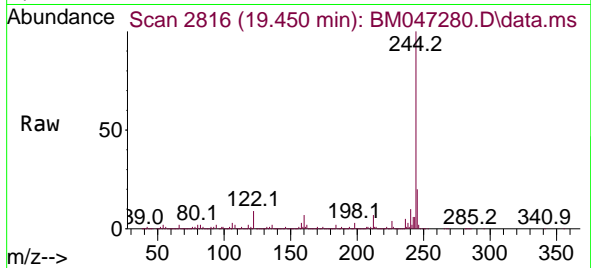




#79  
 Terphenyl-d14  
 Concen: 88.347 ng  
 RT: 19.450 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM047280.D  
 Acq: 20 Aug 2024 21:34

Instrument :  
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Tgt Ion:244 Resp: 4372101  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.4  
 122 8.8 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: BM047280.D  
 Acq: 20 Aug 2024 21:34

Tgt Ion:264 Resp: 1115038  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.5 27.7  
 265 21.3 17.3 25.9

