

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071724\  
 Data File : BM046696.D  
 Acq On : 18 Jul 2024 09:49  
 Operator : MA/JU  
 Sample : P3258-01  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 18 10:50:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 18 06:01:46 2024  
 Response via : Initial Calibration

Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	82329	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	291134	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	191970	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	429661	20.000	ng	0.00
76) Chrysene-d12	21.115	240	454441	20.000	ng	0.00
86) Perylene-d12	23.880	264	530148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	540793	133.420	ng	0.00
7) Phenol-d6	6.693	99	648744	125.693	ng	0.00
23) Nitrobenzene-d5	8.634	82	531944	94.865	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	416549	139.893	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1343407	98.849	ng	0.00
79) Terphenyl-d14	19.545	244	2523808	100.432	ng	0.00

Target Compounds Qvalue

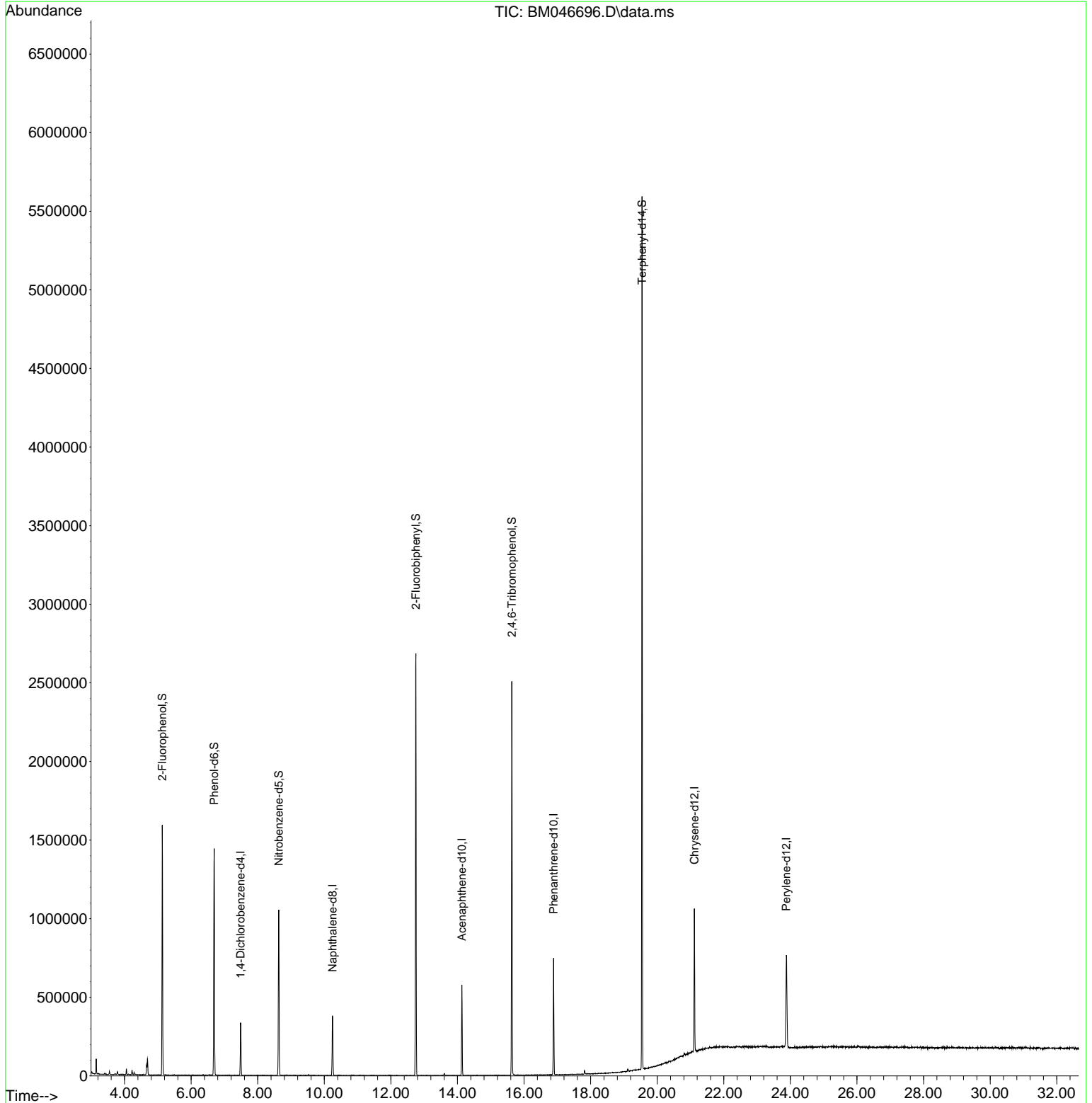
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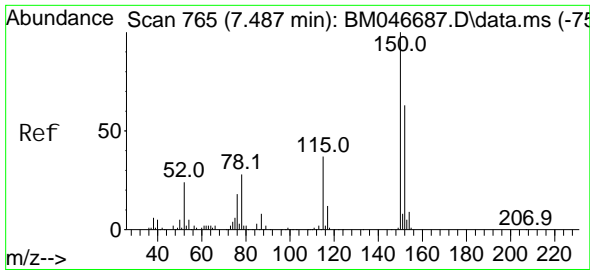
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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**ClientSampleId :**

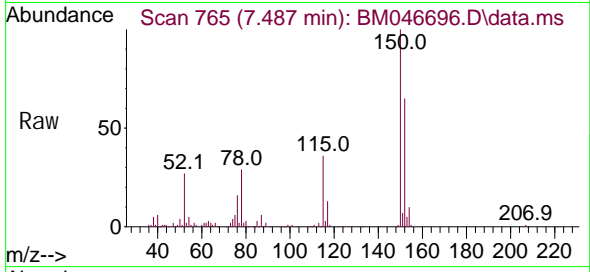
Quant Time: Jul 18 10:50:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071724.M  
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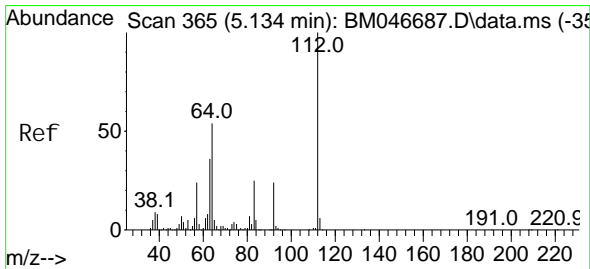
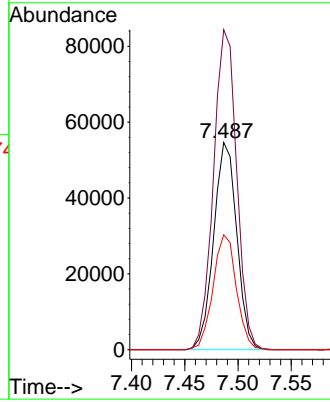
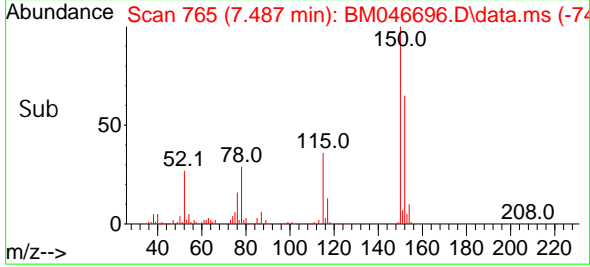


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.487 min Scan# 7  
 Delta R.T. -0.000 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

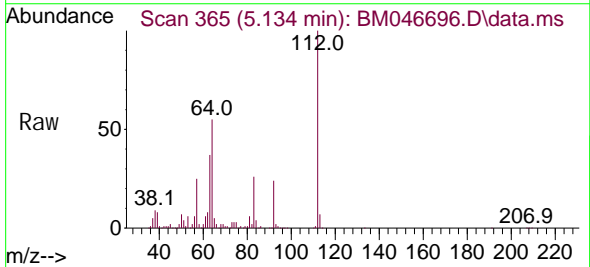
Instrument :  
 BNA\_M  
 ClientSampled :



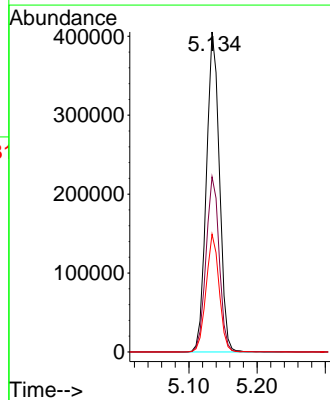
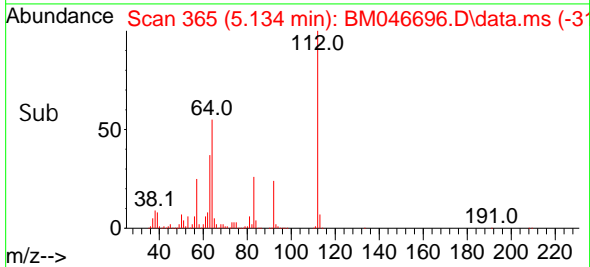
Tgt Ion: 152 Resp: 82329  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 127.3 190.9  
 115 55.5 46.5 69.7

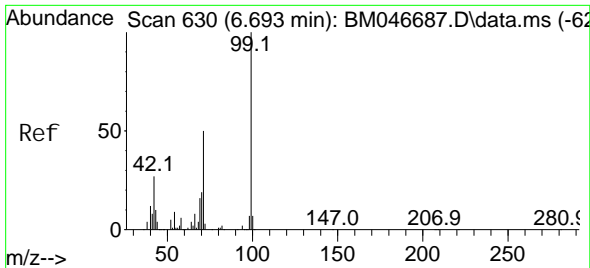


#5  
 2-Fluorophenol  
 Concen: 133.420 ng  
 RT: 5.134 min Scan# 365  
 Delta R.T. 0.000 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49



Tgt Ion: 112 Resp: 540793  
 Ion Ratio Lower Upper  
 112 100  
 64 54.8 43.5 65.3  
 63 36.8 28.6 42.8

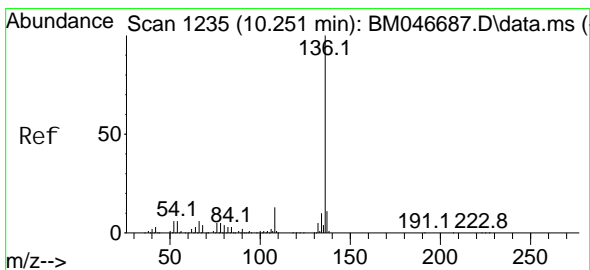
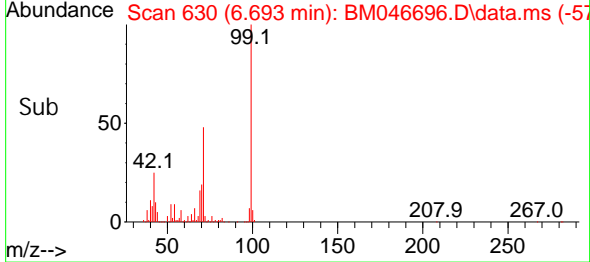
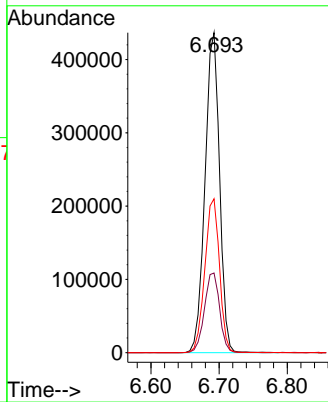
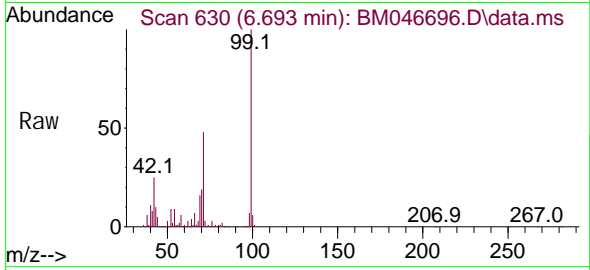




#7  
 Phenol -d6  
 Concen: 125.693 ng  
 RT: 6.693 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

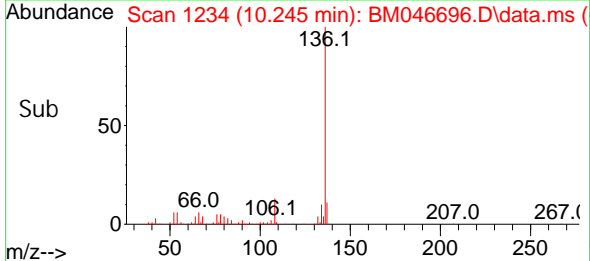
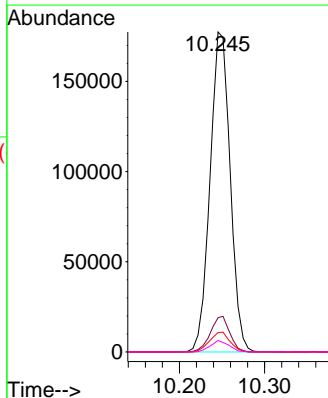
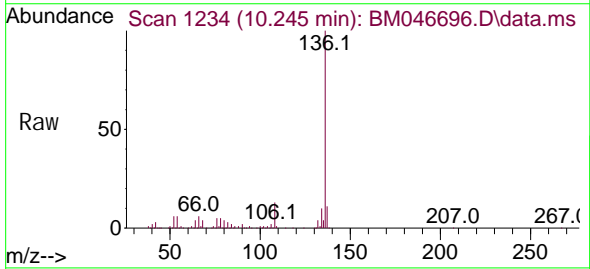
Instrument :  
 BNA\_M  
 ClientSampleId :

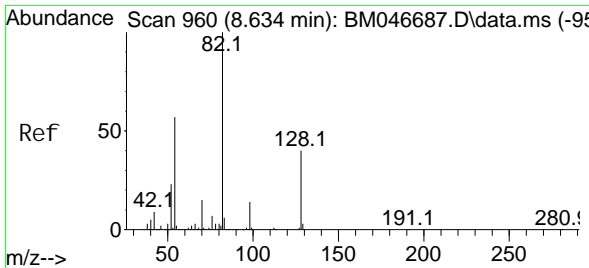
Tgt Ion	Resp	Lower	Upper
99	648744		
99	100		
42	24.9	21.4	32.0
71	48.1	39.9	59.9



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.245 min Scan# 1234  
 Delta R.T. -0.006 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

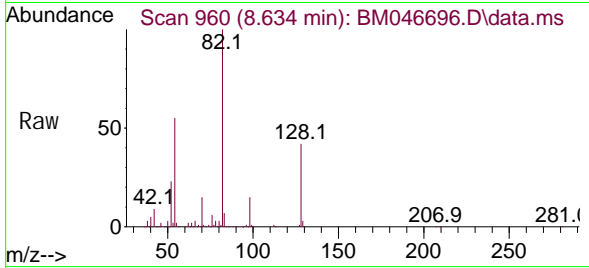
Tgt Ion	Resp	Lower	Upper
136	291134		
136	100		
137	10.7	8.7	13.1
54	6.0	5.1	7.7
68	3.6	2.9	4.3





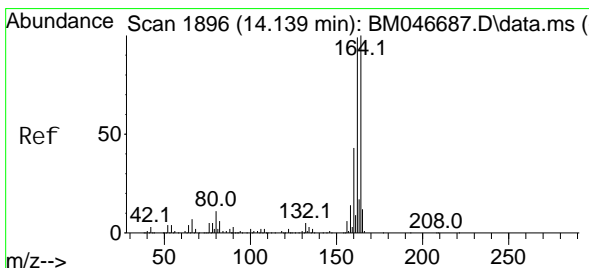
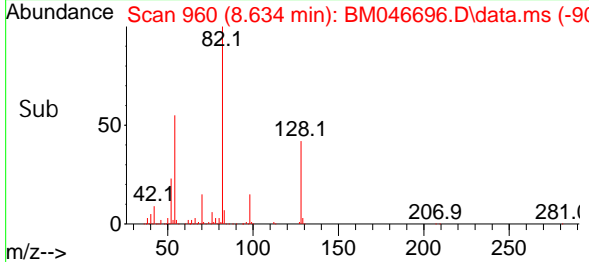
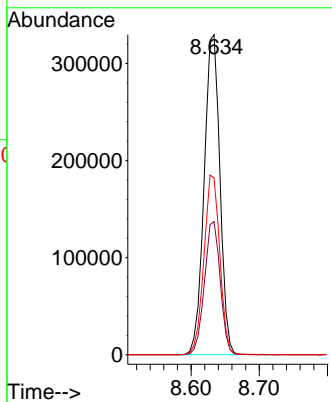
#23  
 Ni-trobenzene-d5  
 Concen: 94.865 ng  
 RT: 8.634 min Scan# 90  
 Delta R.T. 0.000 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion: 82 Resp: 531944

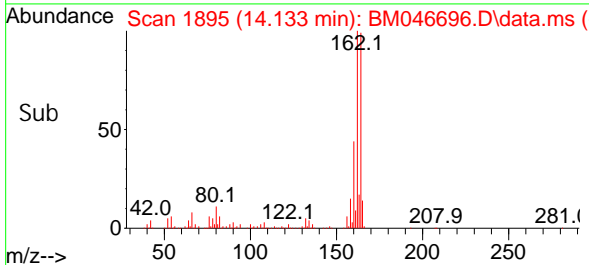
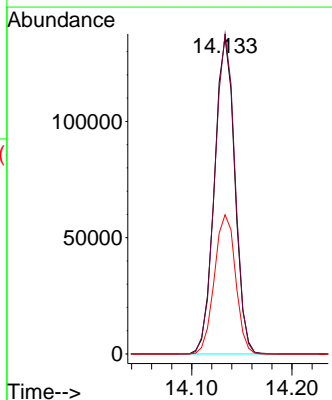
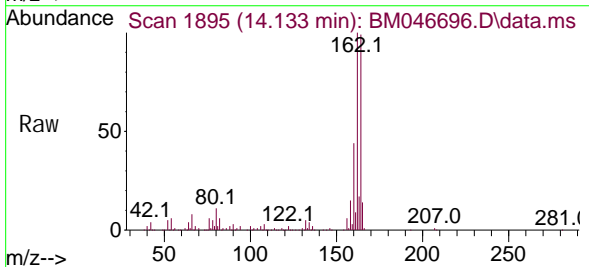
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.0	48.0
54	55.3	45.2	67.8

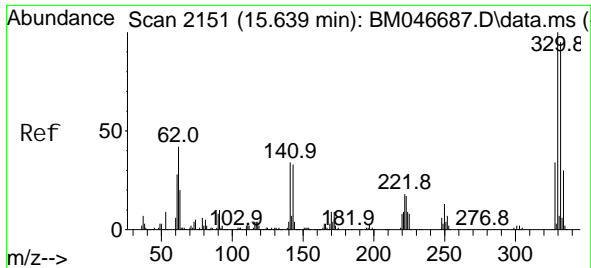


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.133 min Scan# 1895  
 Delta R.T. -0.006 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

Tgt Ion: 164 Resp: 191970

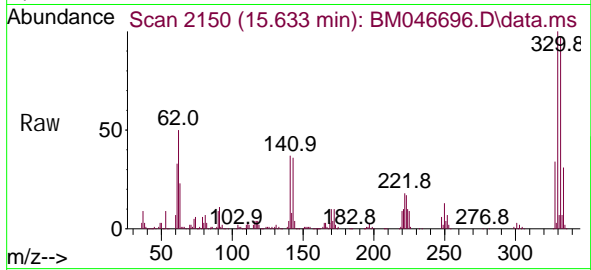
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.0	118.6
160	44.0	34.6	51.8



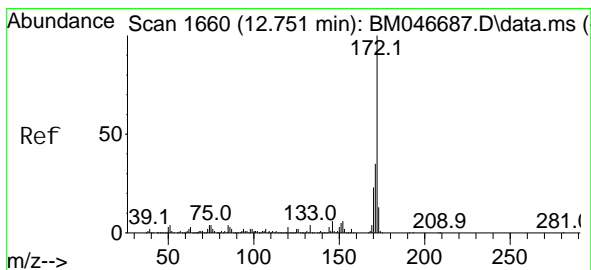
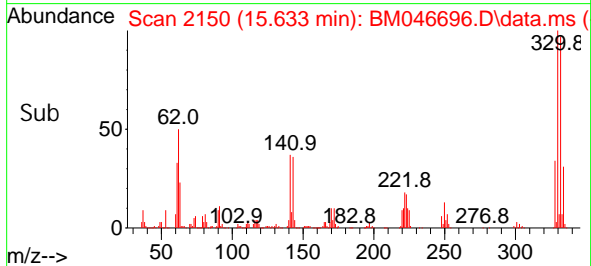
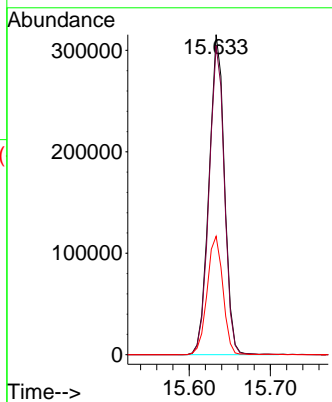


#42  
 2, 4, 6-Tri bromophenol  
 Concen: 139.893 ng  
 RT: 15.633 min Scan# 2150  
 Delta R.T. -0.006 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

Instrument :  
 BNA\_M  
 ClientSampleId :

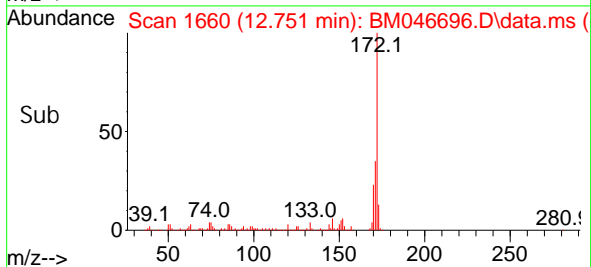
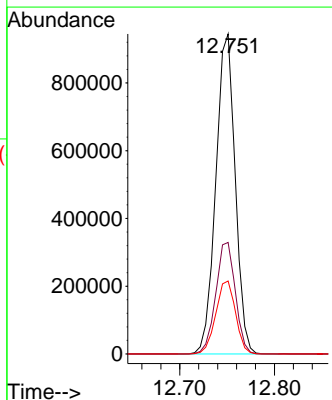
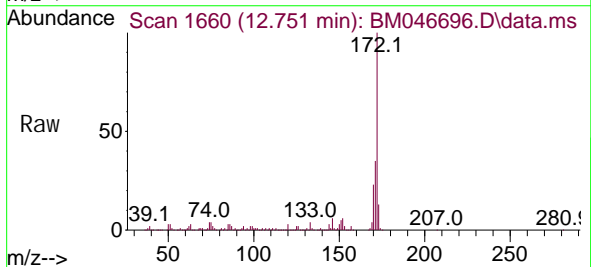


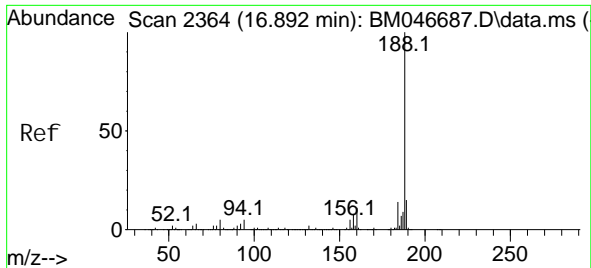
Tgt Ion: 330 Resp: 416549  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 75.5 113.3  
 141 37.8 29.7 44.5



#45  
 2-Fluorophenyl  
 Concen: 98.849 ng  
 RT: 12.751 min Scan# 1660  
 Delta R.T. 0.000 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

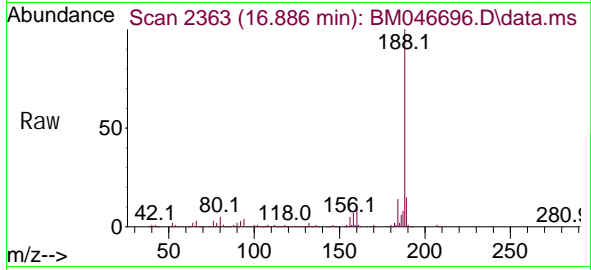
Tgt Ion: 172 Resp: 1343407  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 27.8 41.8  
 170 22.8 18.5 27.7



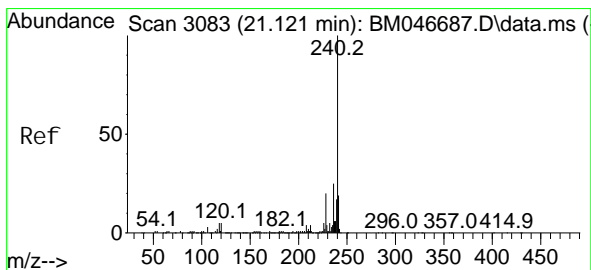
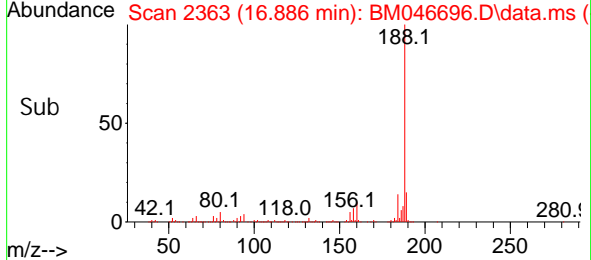
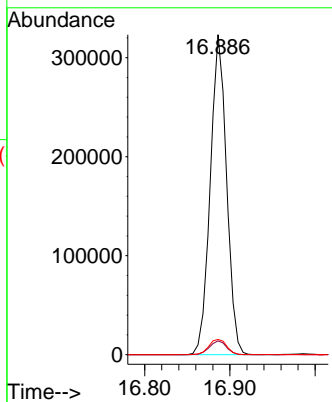


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.886 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

Instrument :  
 BNA\_M  
 ClientSampleId :

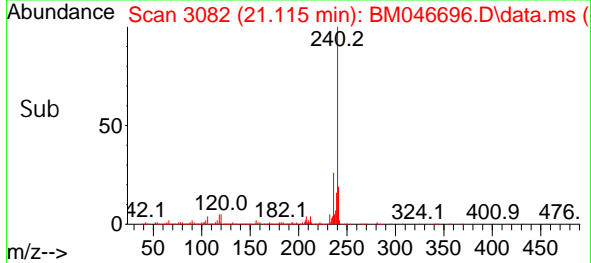
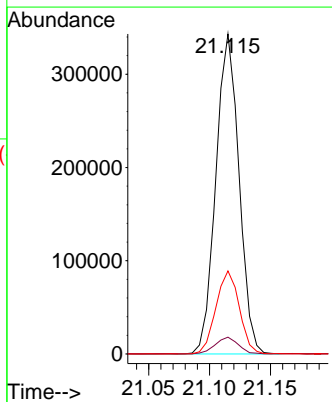
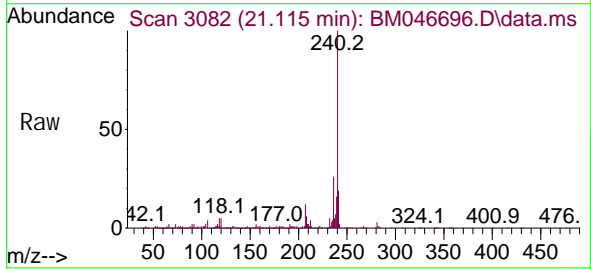


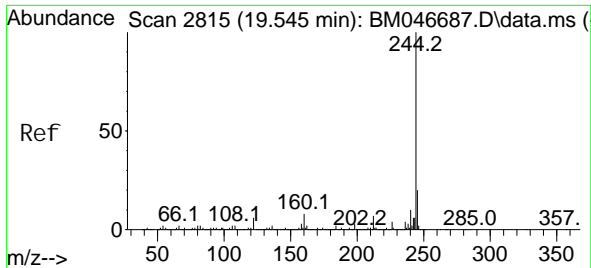
Tgt Ion: 188 Resp: 429661  
 Ion Ratio Lower Upper  
 188 100  
 94 4.3 3.8 5.6  
 80 4.7 4.2 6.2



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.115 min Scan# 3082  
 Delta R.T. -0.006 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

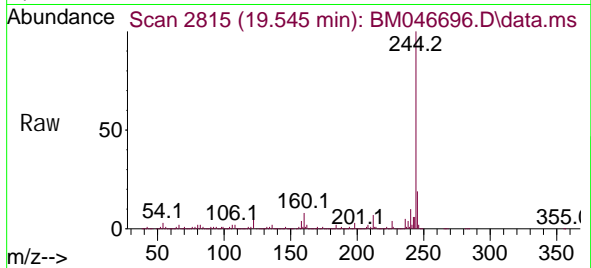
Tgt Ion: 240 Resp: 454441  
 Ion Ratio Lower Upper  
 240 100  
 120 5.3 3.9 5.9  
 236 26.0 20.2 30.2



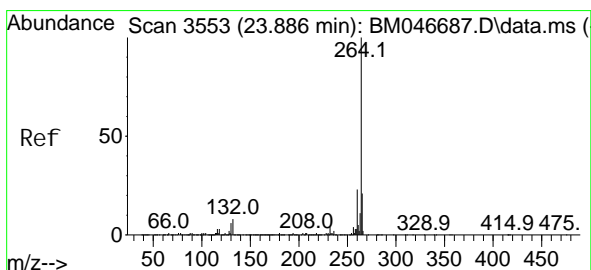
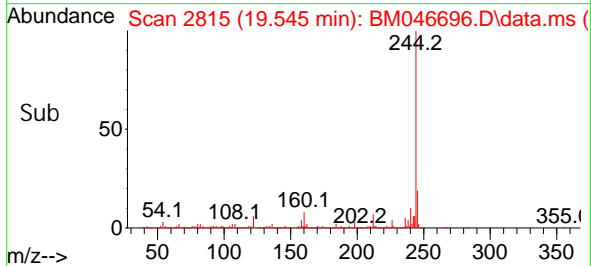
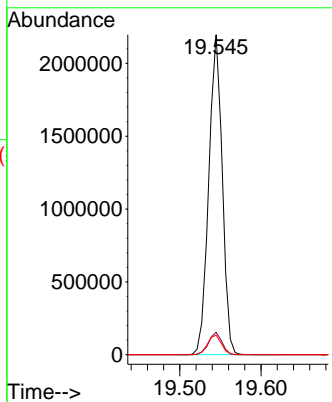


#79  
 Terphenyl -d14  
 Concen: 100.432 ng  
 RT: 19.545 min Scan# 2815  
 Delta R.T. 0.000 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

Instrument :  
 BNA\_M  
 ClientSampleId :



Tgt Ion: 244 Resp: 2523808  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 6.1 5.0 7.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.880 min Scan# 3552  
 Delta R.T. -0.006 min  
 Lab File: BM046696.D  
 Acq: 18 Jul 2024 09:49

Tgt Ion: 264 Resp: 530148  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.1 27.1  
 265 21.3 16.9 25.3

