

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022422\  
 Data File : BM034067.D  
 Acq On : 24 Feb 2022 14:58  
 Operator : CG/JU  
 Sample : PB142897BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB142897BL

Quant Time: Feb 25 01:10:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 22 17:55:56 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	208495	20.000	ng	-0.01
21) Naphthalene-d8	10.830	136	778686	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	502275	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	1061154	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	944222	20.000	ng	# 0.00
86) Perylene-d12	24.018	264	896352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	1660345	141.959	ng	0.00
7) Phenol-d6	7.166	99	2003083	130.422	ng	0.00
23) Nitrobenzene-d5	9.172	82	1274052	88.296	ng	-0.01
42) 2,4,6-Tribromophenol	16.130	330	932725	153.006	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	3402104	90.242	ng	0.00
79) Terphenyl-d14	20.006	244	5203383	95.961	ng	0.00

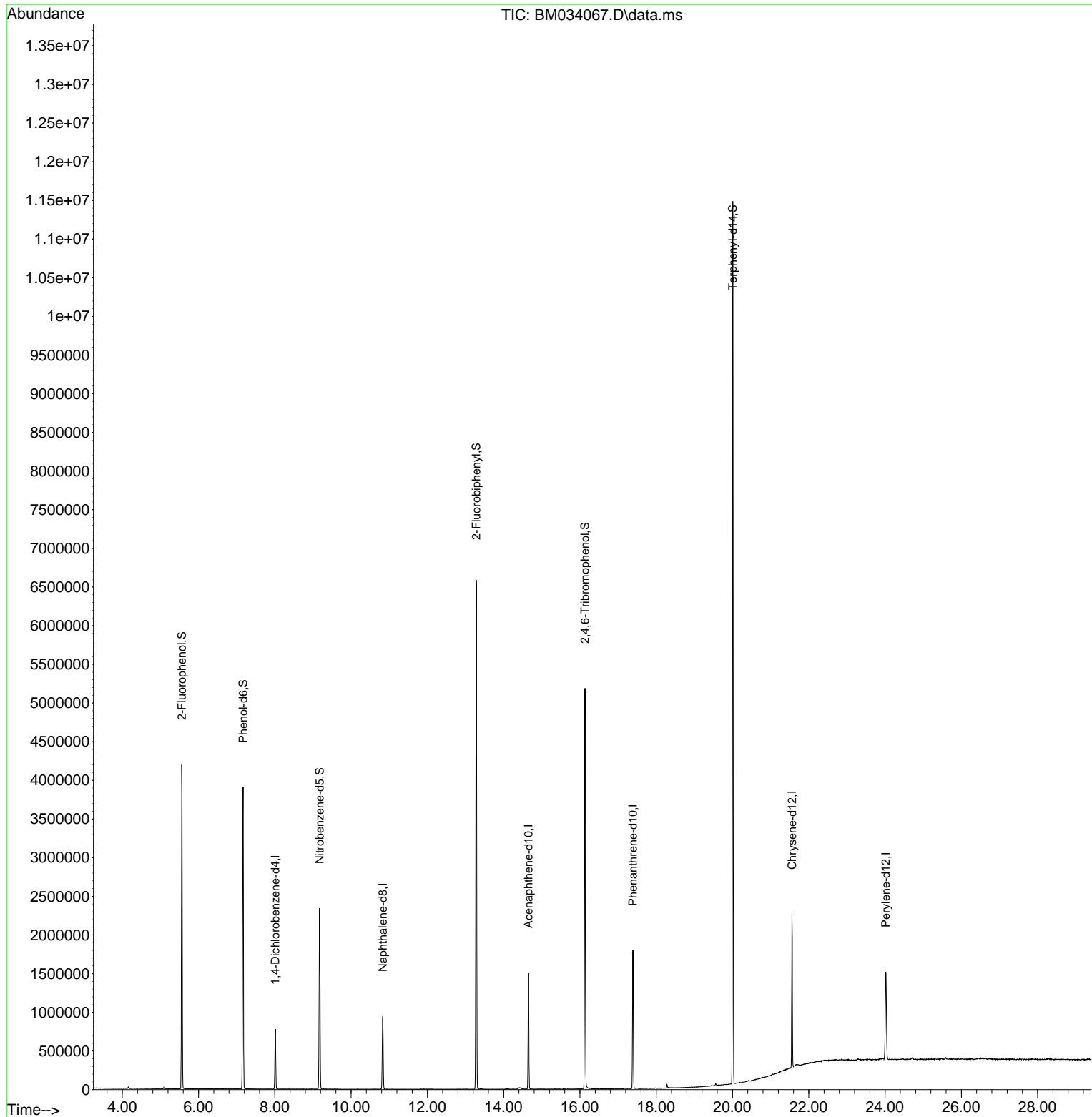
Target Compounds Qvalue

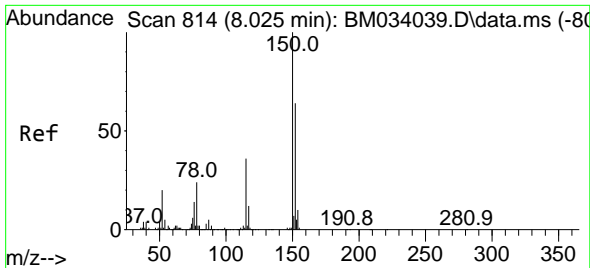
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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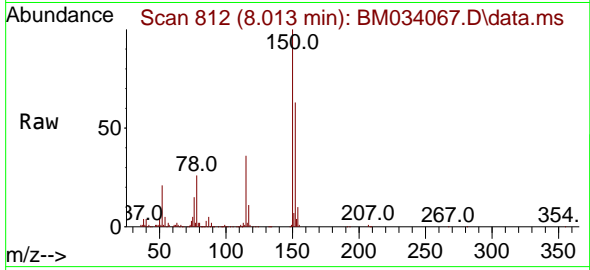
Quant Time: Feb 25 01:10:28 2022  
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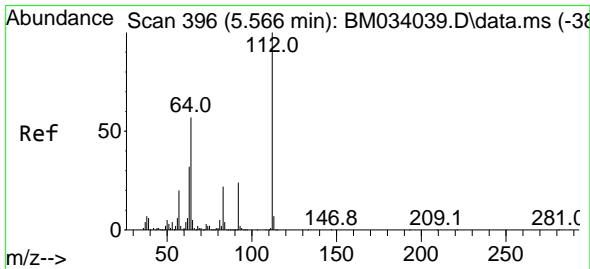
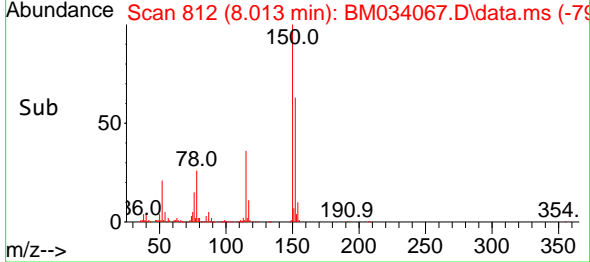
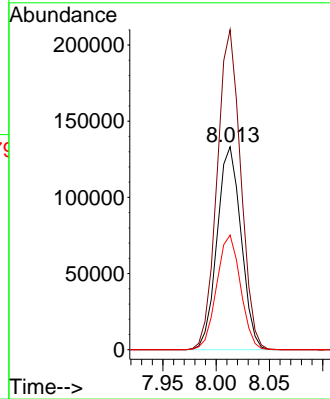
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.013 min Scan# 814  
 Delta R.T. -0.012 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB142897BL



Tgt Ion:152 Resp: 208495

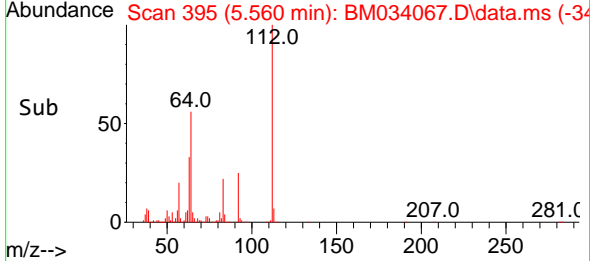
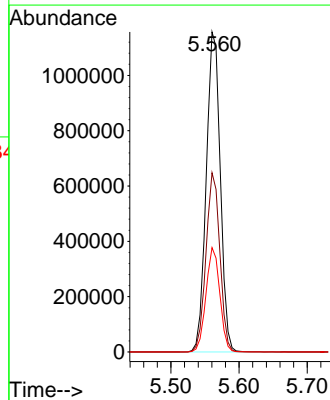
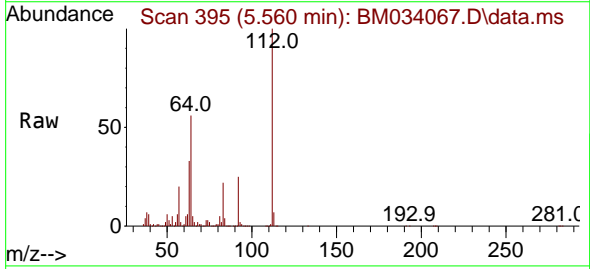
Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.9	193.3
115	56.4	53.0	79.6

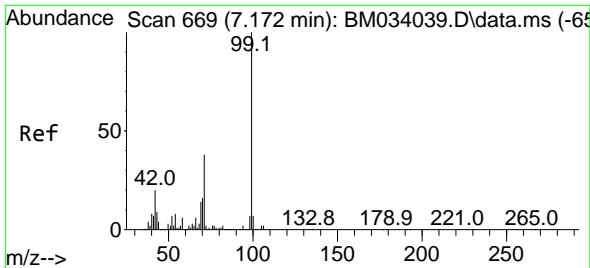


#5  
 2-Fluorophenol  
 Concen: 141.959 ng  
 RT: 5.560 min Scan# 395  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Tgt Ion:112 Resp: 1660345

Ion	Ratio	Lower	Upper
112	100		
64	56.0	55.5	83.3
63	32.6	31.3	46.9



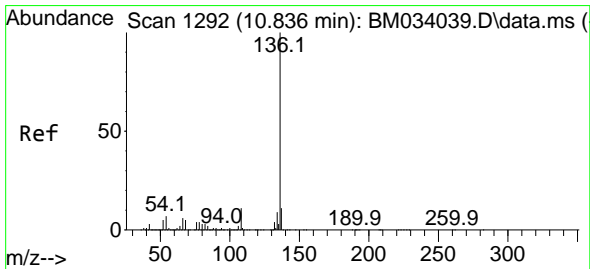
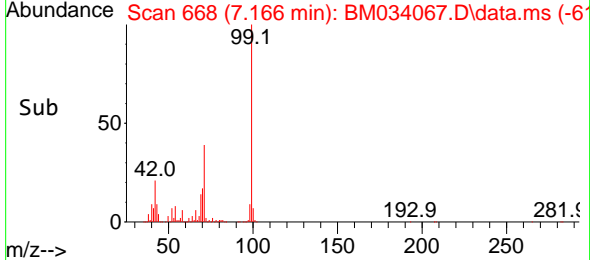
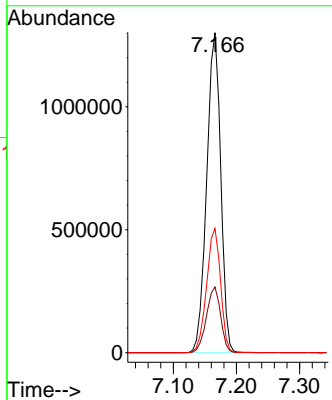
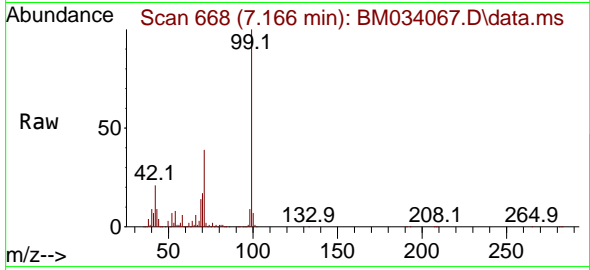


#7  
 Phenol-d6  
 Concen: 130.422 ng  
 RT: 7.166 min Scan# 60  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Instrument : BNA\_M  
 ClientSampleId : PB142897BL

Tgt Ion: 99 Resp: 2003083

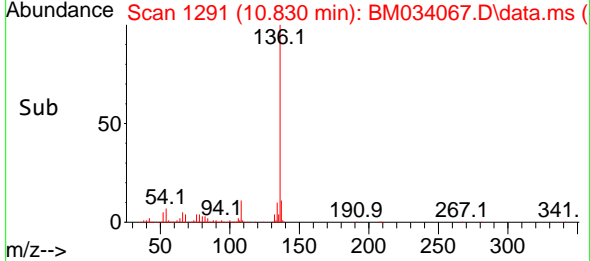
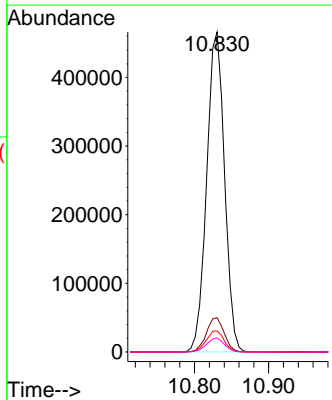
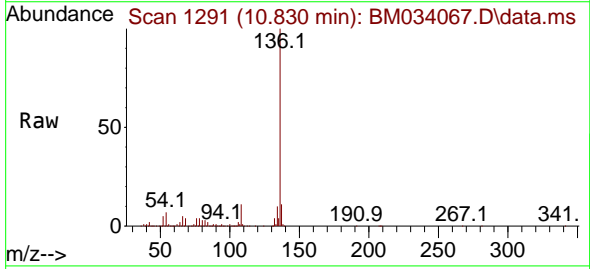
Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.3	30.5
71	38.8	34.5	51.7

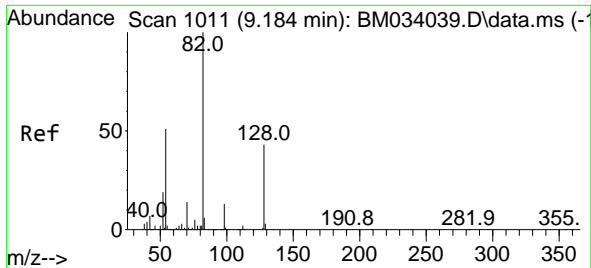


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.830 min Scan# 1291  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Tgt Ion: 136 Resp: 778686

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.5	8.3	12.5#
68	4.4	5.0	7.6#



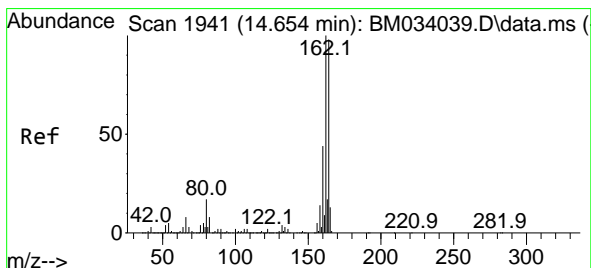
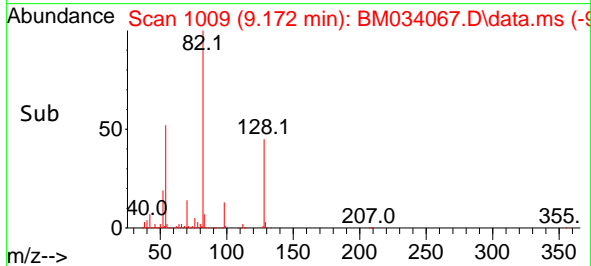
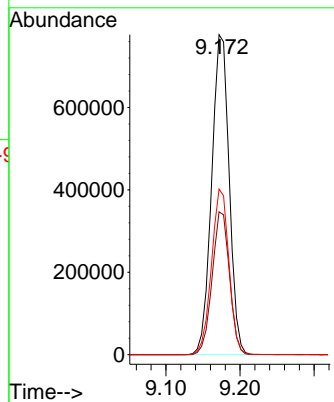
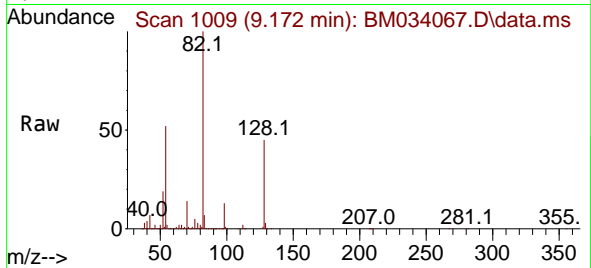


#23  
 Nitrobenzene-d5  
 Concen: 88.296 ng  
 RT: 9.172 min Scan# 1011  
 Delta R.T. -0.012 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Instrument : BNA\_M  
 ClientSampleId : PB142897BL

Tgt Ion: 82 Resp: 1274052

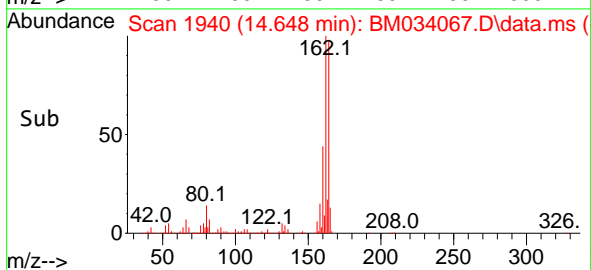
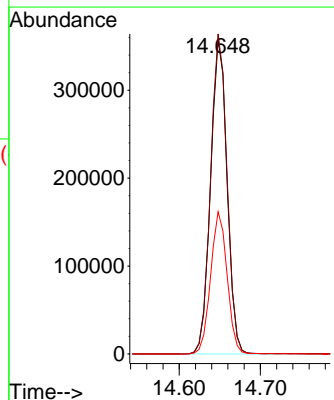
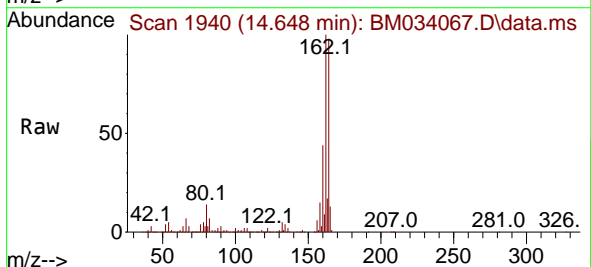
Ion	Ratio	Lower	Upper
82	100		
128	44.6	28.1	42.1#
54	51.8	46.1	69.1

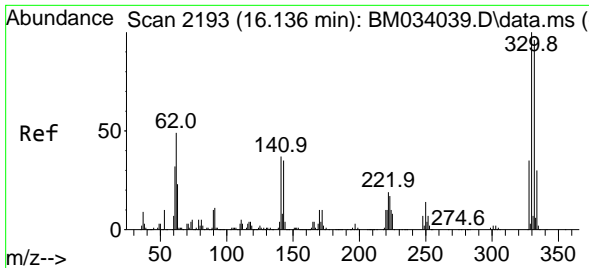


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.648 min Scan# 1940  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Tgt Ion: 164 Resp: 502275

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.7	119.5
160	45.3	34.2	51.4

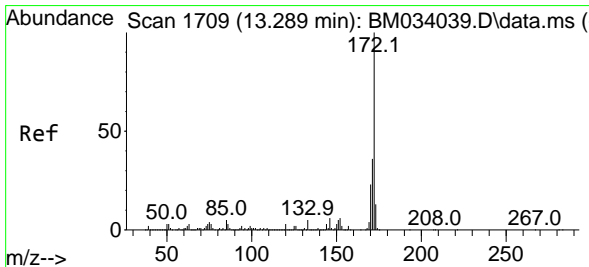
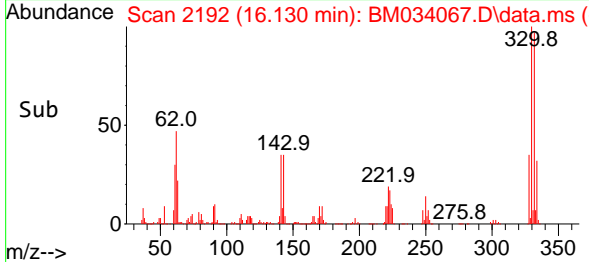
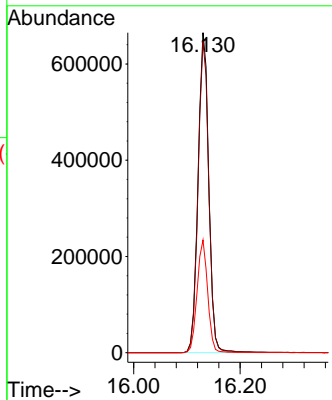
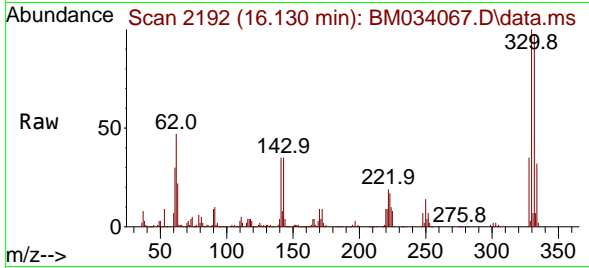




#42  
 2,4,6-Tribromophenol  
 Concen: 153.006 ng  
 RT: 16.130 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

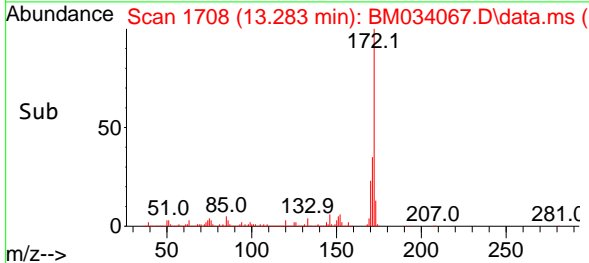
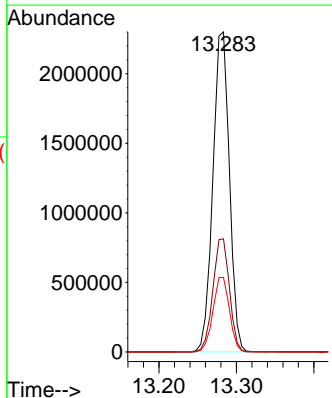
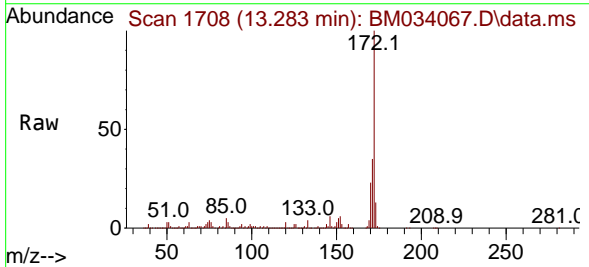
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB142897BL

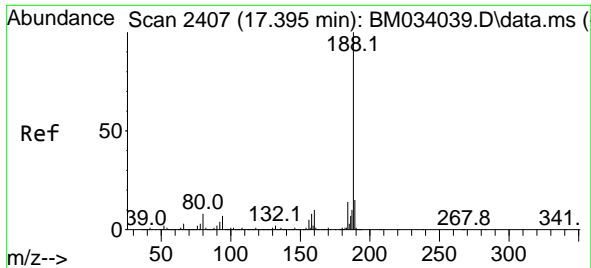
Tgt Ion:330 Resp: 932725  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 76.5 114.7  
 141 34.6 35.9 53.9#



#45  
 2-Fluorobiphenyl  
 Concen: 90.242 ng  
 RT: 13.283 min Scan# 1708  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Tgt Ion:172 Resp: 3402104  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 27.2 40.8  
 170 23.3 18.7 28.1

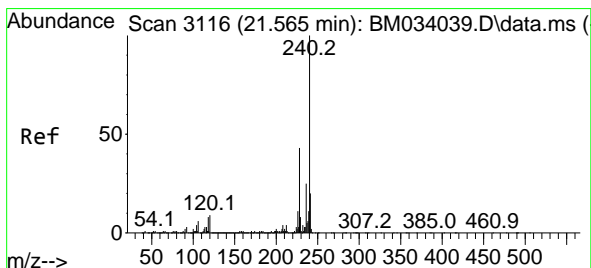
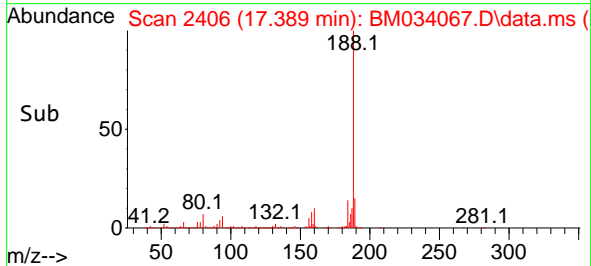
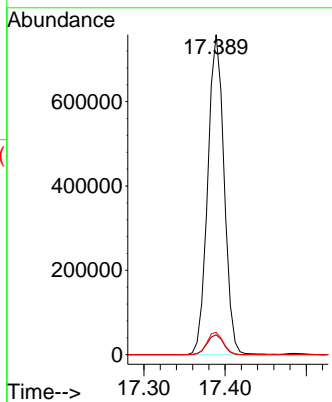
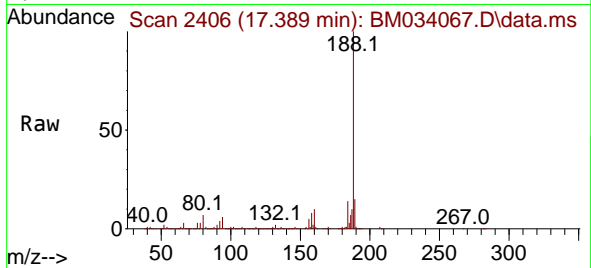




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.389 min Scan# 24  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

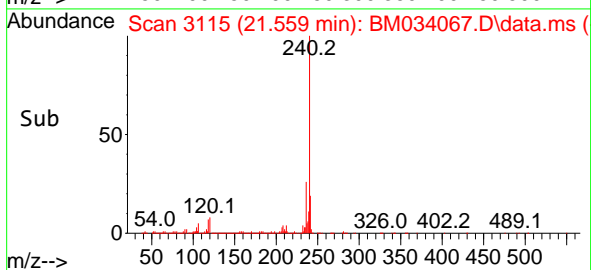
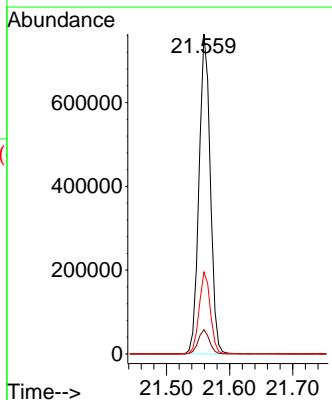
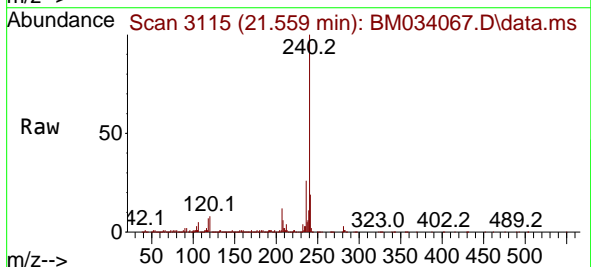
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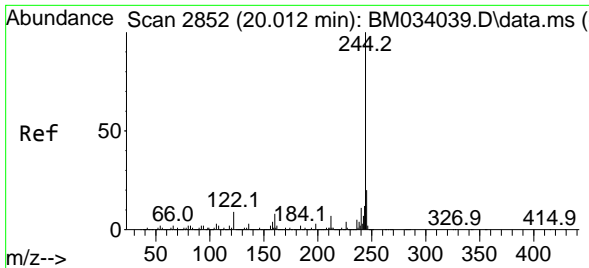
Tgt Ion:188 Resp: 1061154  
 Ion Ratio Lower Upper  
 188 100  
 94 6.2 7.5 11.3#  
 80 7.0 8.9 13.3#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.559 min Scan# 3115  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Tgt Ion:240 Resp: 944222  
 Ion Ratio Lower Upper  
 240 100  
 120 7.6 7.8 11.6#  
 236 25.6 20.3 30.5



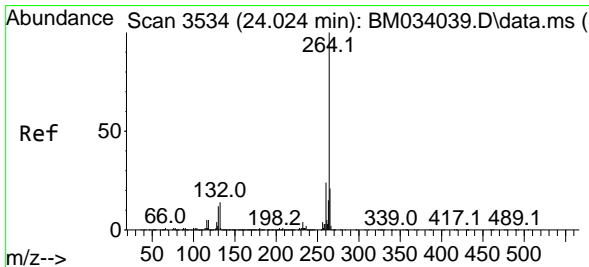
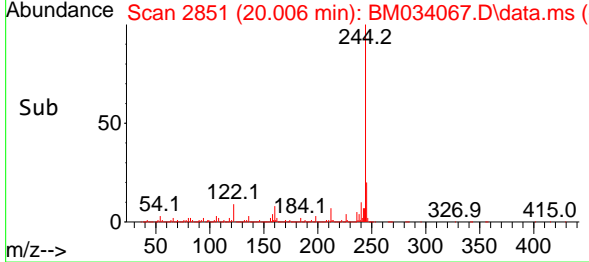
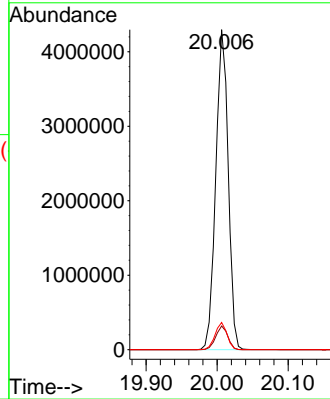
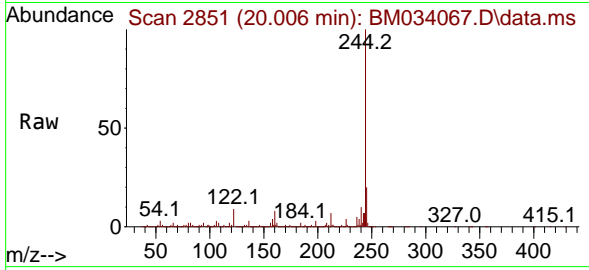


#79  
 Terphenyl-d14  
 Concen: 95.961 ng  
 RT: 20.006 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB142897BL

Tgt Ion:244 Resp: 5203383

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	8.5	8.4	12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.018 min Scan# 3533  
 Delta R.T. -0.006 min  
 Lab File: BM034067.D  
 Acq: 24 Feb 2022 14:58

Tgt Ion:264 Resp: 896352

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.7	26.5
265	21.8	17.7	26.5

