

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050322\  
 Data File : BN019649.D  
 Acq On : 03 May 2022 15:27  
 Operator : CG/JU  
 Sample : N2622-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220428

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 04 07:33:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN042822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 02:56:24 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	4048	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10930	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5235	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	10337	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	8953	0.400	ng	# 0.00
35) Perylene-d12	23.761	264	7275	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.456	112	1165	0.117	ng	0.00
5) Phenol-d6	7.038	99	748	0.063	ng	0.00
8) Nitrobenzene-d5	9.014	82	2543m	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.249	152	5360	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	446	0.266	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	7303	0.326	ng	-0.01
27) Fluoranthene-d10	19.257	212	11043	0.375	ng	0.00
31) Terphenyl-d14	19.855	244	7725	0.392	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.333	149	557m	0.038	ng	

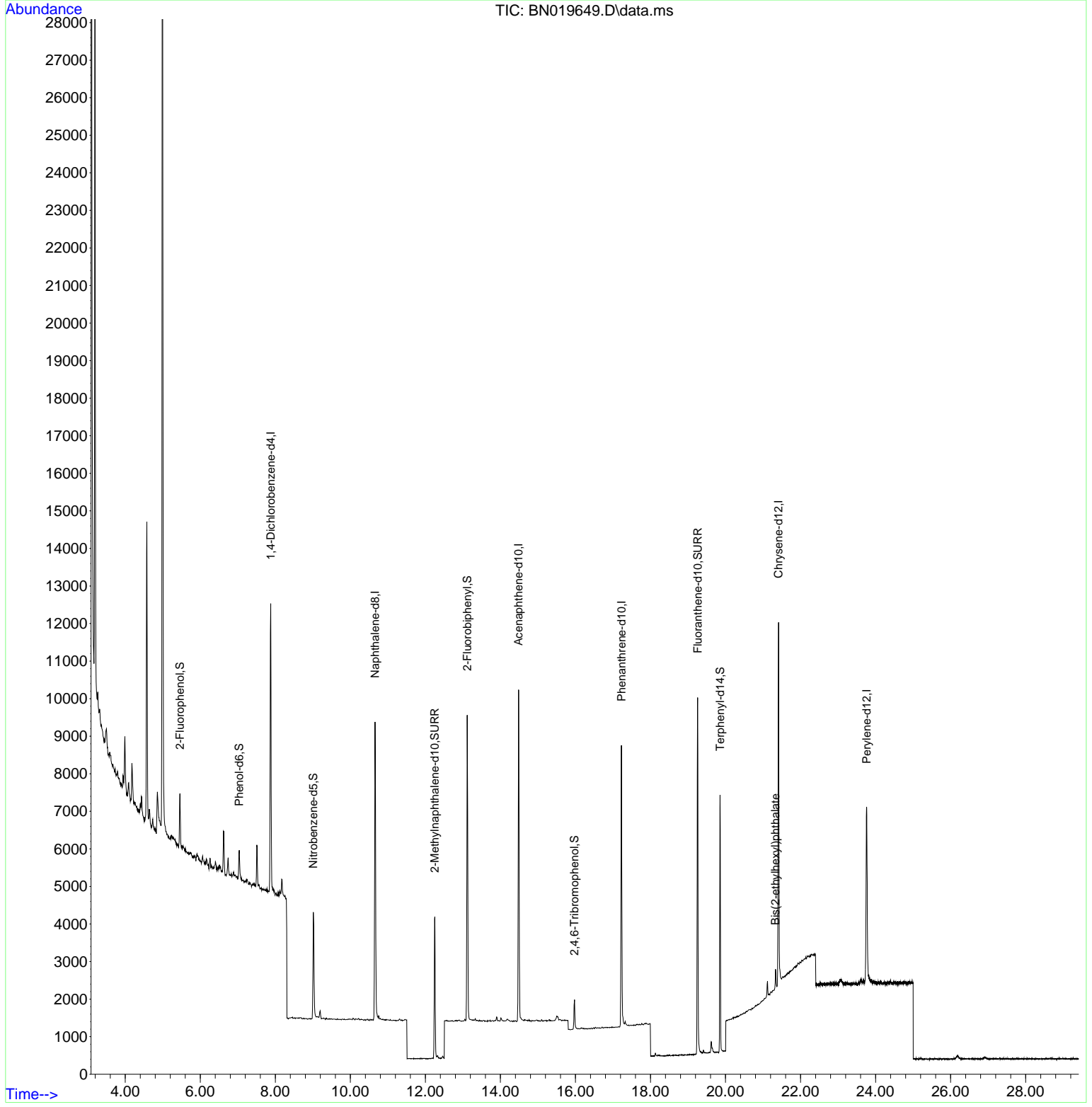
(#) = qualifier out of range (m) = manual integration (+) = signals summed

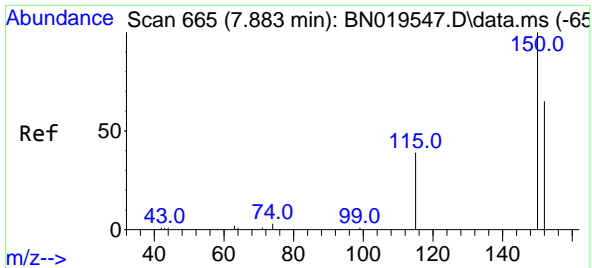
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050322\  
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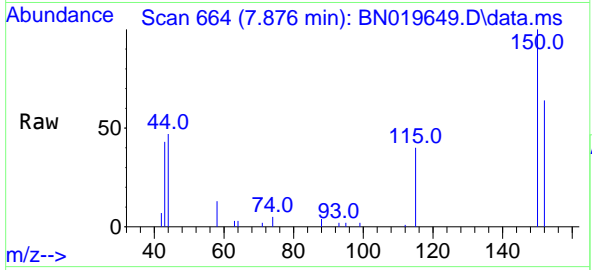
Quant Time: May 04 07:33:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN042822.M  
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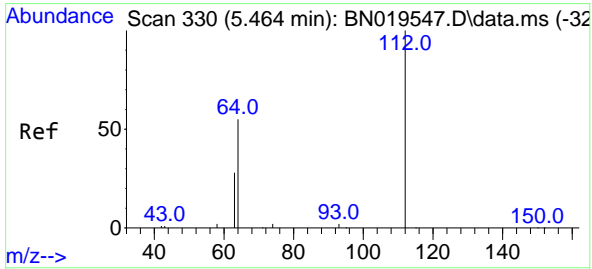
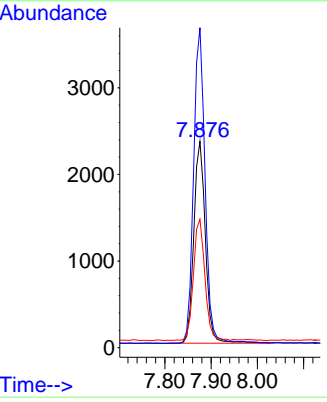
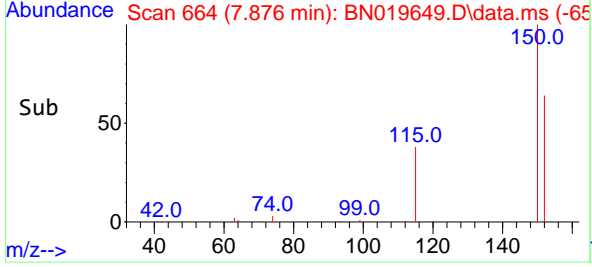
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.876 min Scan# 604  
 Delta R.T. -0.007 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

Instrument : BNA\_N  
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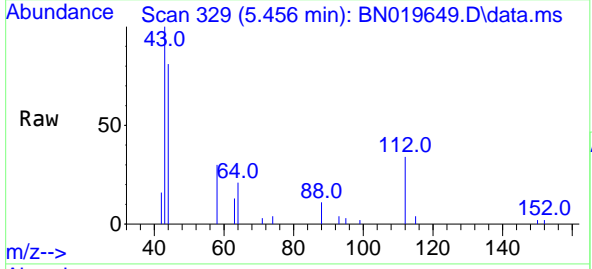


Tgt Ion:152 Resp: 404  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 122.6 183.8  
 115 62.2 49.0 73.6

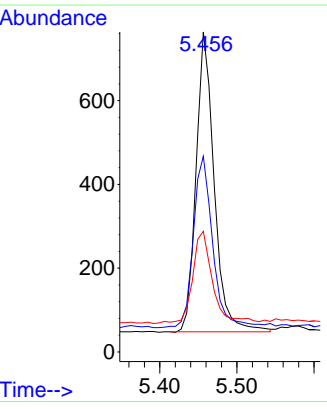
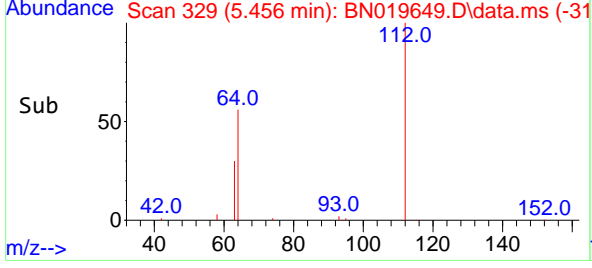
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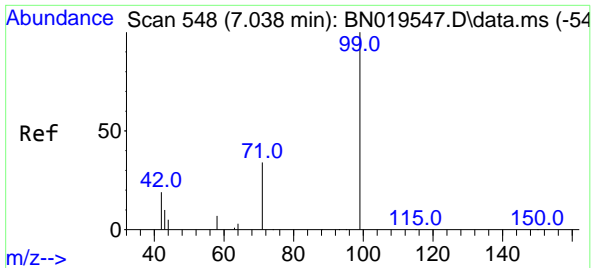


#4  
 2-Fluorophenol  
 Concen: 0.117 ng  
 RT: 5.456 min Scan# 329  
 Delta R.T. -0.007 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27



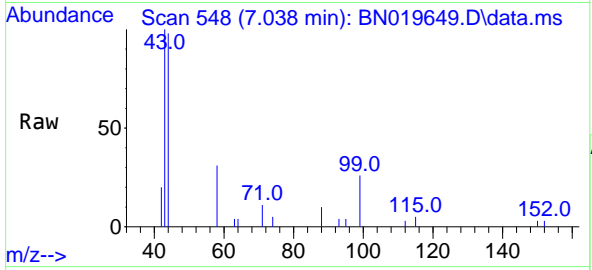
Tgt Ion:112 Resp: 1165  
 Ion Ratio Lower Upper  
 112 100  
 64 62.6 47.3 70.9  
 63 33.9 24.6 36.8





#5  
Phenol-d6  
Concen: 0.063 ng  
RT: 7.038 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BN019649.D  
Acq: 03 May 2022 15:27

Instrument :  
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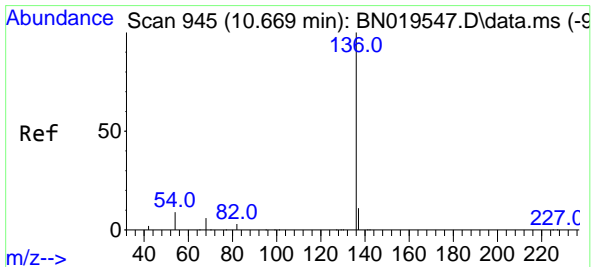
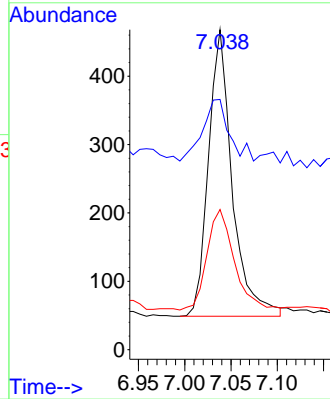
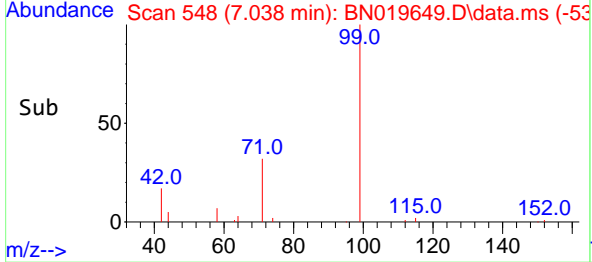


Tgt Ion: 99 Resp: 744

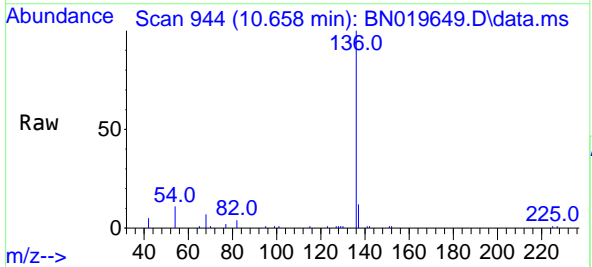
Ion	Ratio	Lower	Upper
99	100		
42	25.0	15.8	23.8
71	40.4	26.5	39.7

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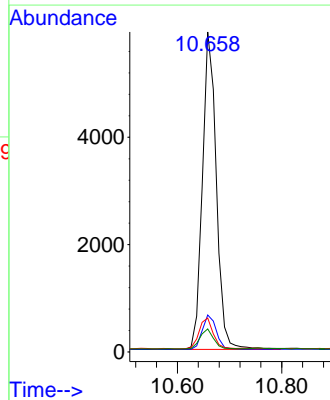
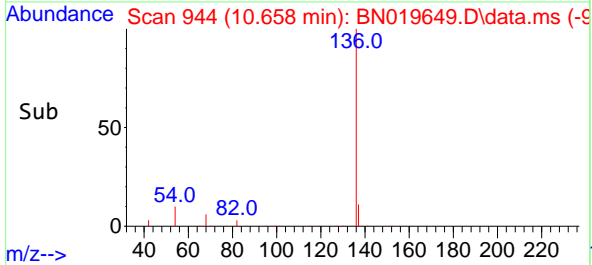


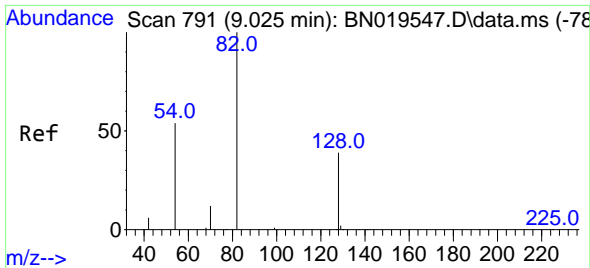
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. -0.011 min  
Lab File: BN019649.D  
Acq: 03 May 2022 15:27



Tgt Ion:136 Resp: 10930

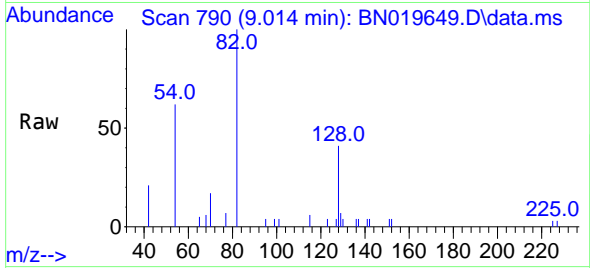
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.6	7.8	11.6
68	7.2	5.4	8.2





#8  
 Nitrobenzene-d5  
 Concen: 0.327 ng m  
 RT: 9.014 min Scan# 791  
 Delta R.T. -0.011 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

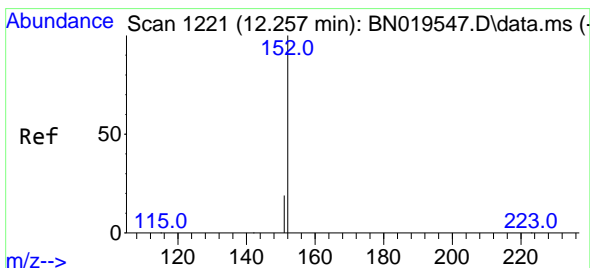
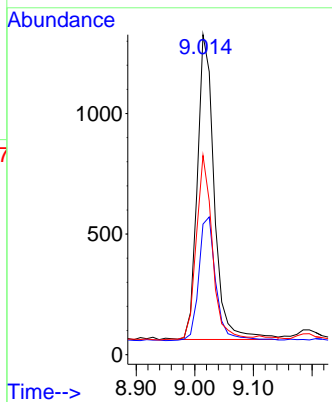
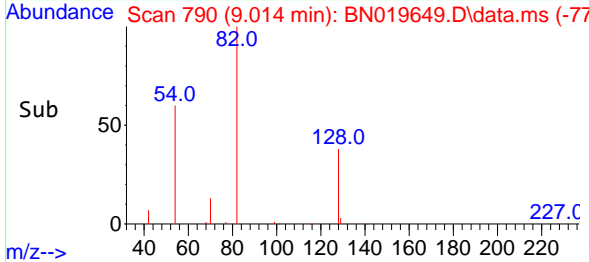
Instrument :  
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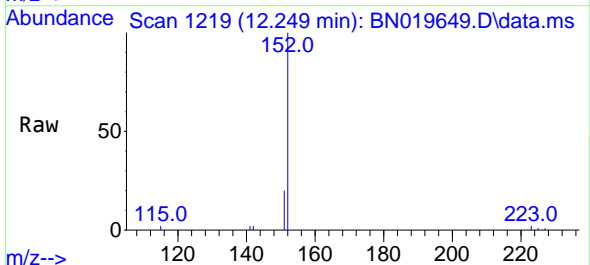
Tgt Ion: 82 Resp: 254  
 Ion Ratio Lower Upper  
 82 100  
 128 40.8 32.4 48.6  
 54 62.2 44.4 66.6

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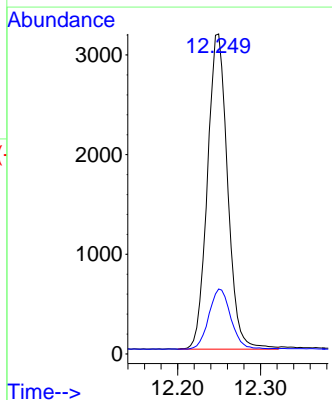
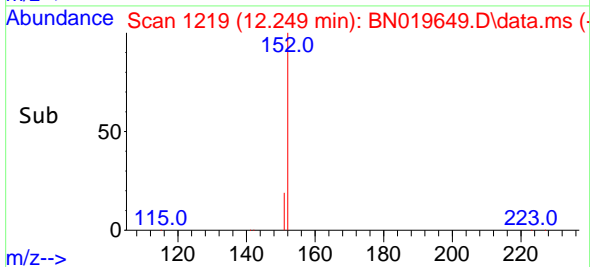
Reviewed By :Christian Giraldo 05/04/2022  
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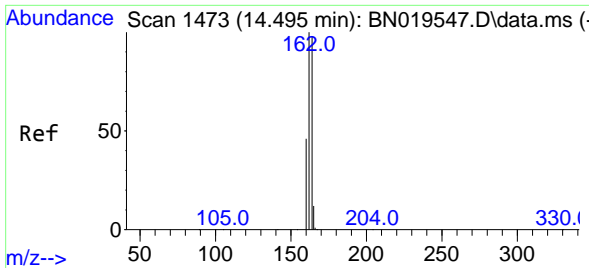


#11  
 2-Methylnaphthalene-d10  
 Concen: 0.316 ng  
 RT: 12.249 min Scan# 1219  
 Delta R.T. -0.008 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27



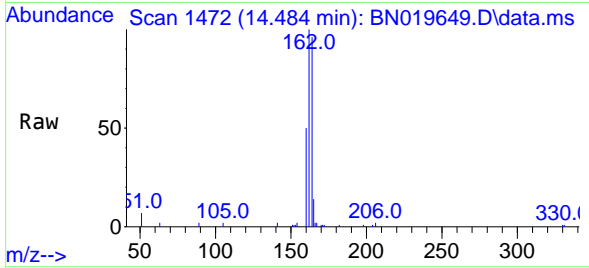
Tgt Ion:152 Resp: 5360  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 16.2 24.4





#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.484 min Scan# 14  
 Delta R.T. -0.011 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

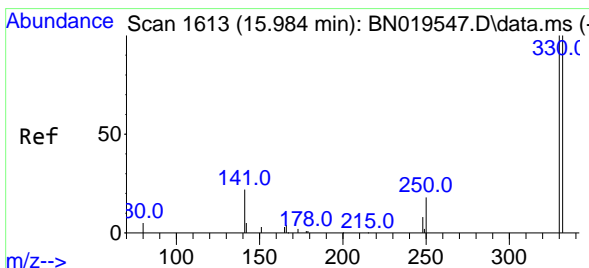
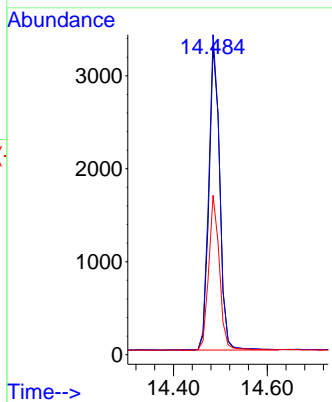
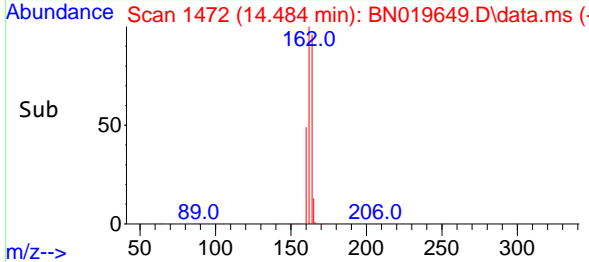
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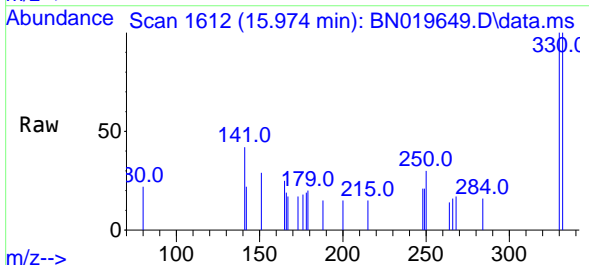
Tgt Ion:164 Resp: 523  
 Ion Ratio Lower Upper  
 164 100  
 162 103.8 81.8 122.6  
 160 51.7 38.3 57.5

Manual Integrations  
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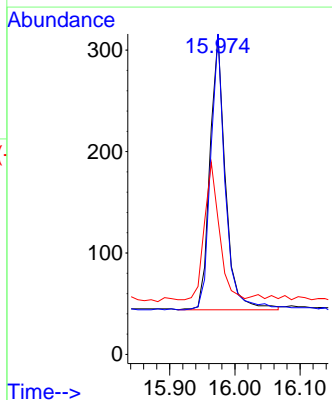
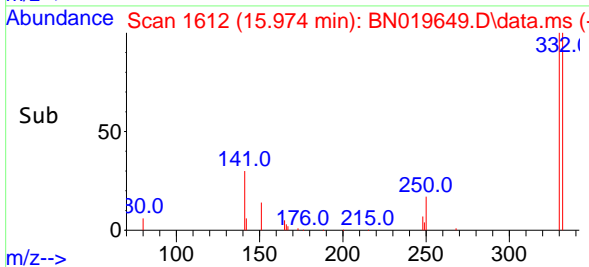
Reviewed By :Christian Giraldo 05/04/2022  
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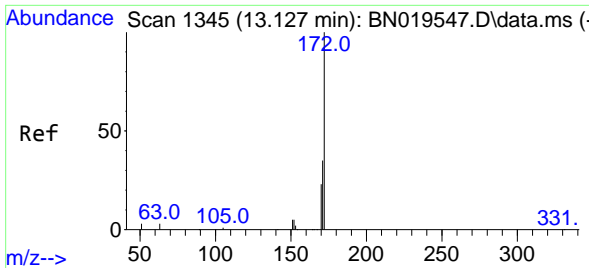


#14  
 2,4,6-Tribromophenol  
 Concen: 0.266 ng  
 RT: 15.974 min Scan# 1612  
 Delta R.T. -0.010 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27



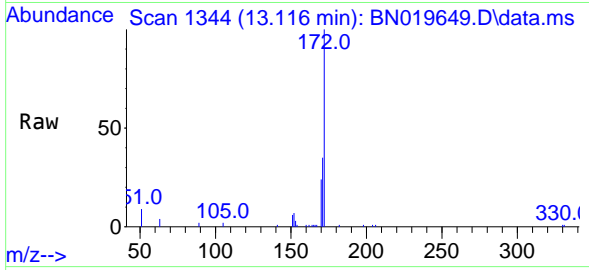
Tgt Ion:330 Resp: 446  
 Ion Ratio Lower Upper  
 330 100  
 332 94.6 76.2 114.4  
 141 48.0 39.7 59.5





#15  
 2-Fluorobiphenyl  
 Concen: 0.326 ng  
 RT: 13.116 min Scan# 11  
 Delta R.T. -0.011 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

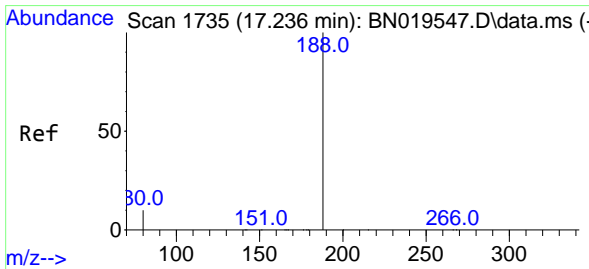
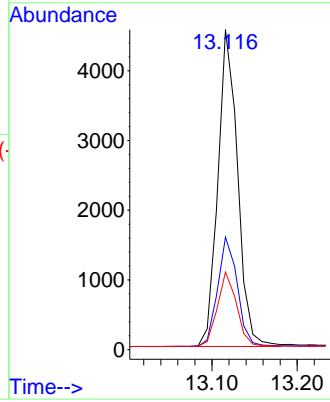
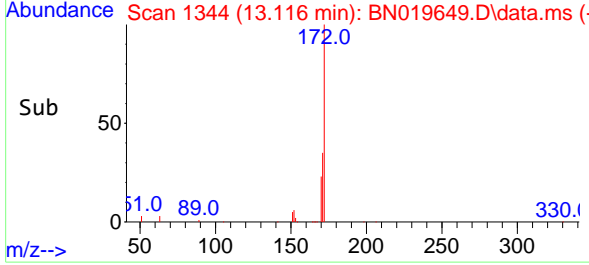
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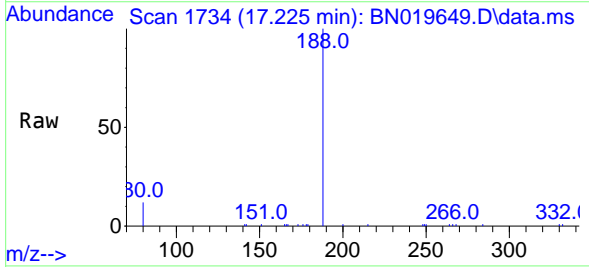
Tgt Ion:172 Resp: 7300  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.0 42.0  
 170 24.3 19.0 28.4

Manual Integrations  
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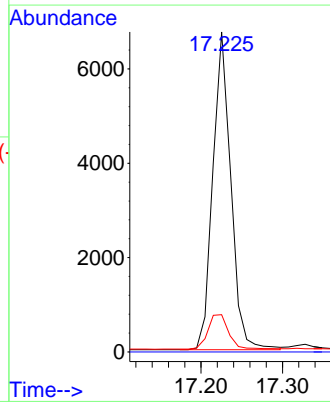
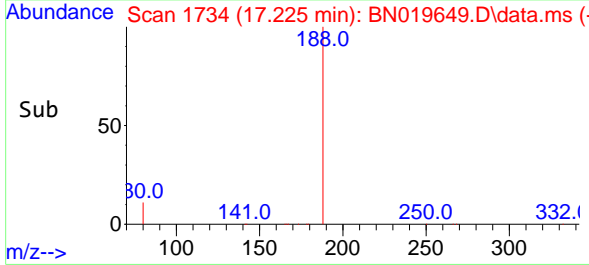
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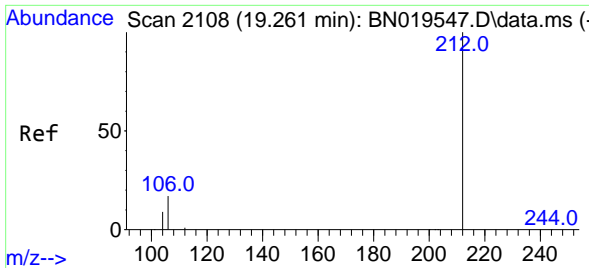


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.225 min Scan# 1734  
 Delta R.T. -0.010 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27



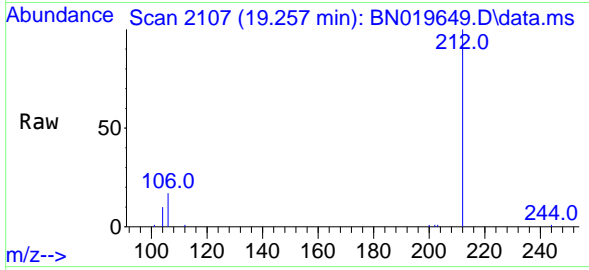
Tgt Ion:188 Resp: 10337  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 11.6 8.6 12.8





#27  
 Fluoranthene-d10  
 Concen: 0.375 ng  
 RT: 19.257 min Scan# 2107  
 Delta R.T. -0.004 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

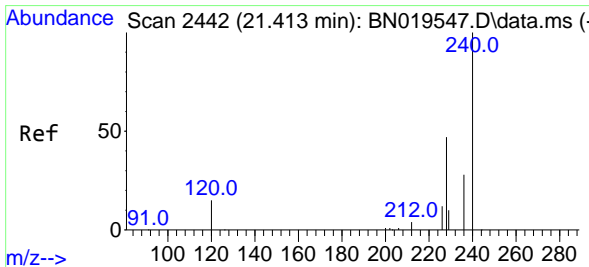
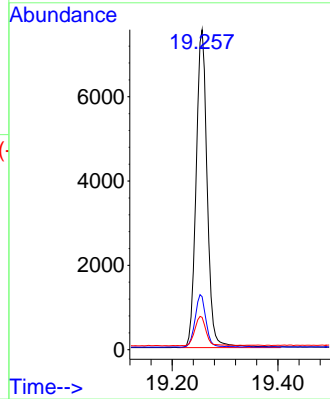
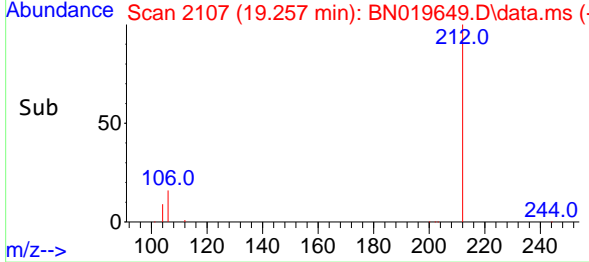
Instrument :  
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Tgt Ion:212 Resp: 1104  
 Ion Ratio Lower Upper  
 212 100  
 106 16.2 13.5 20.3  
 104 9.2 7.6 11.4

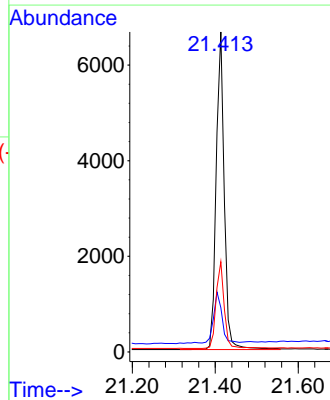
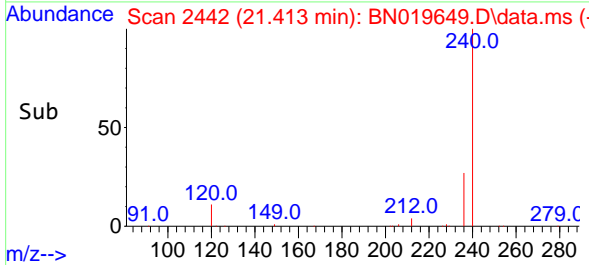
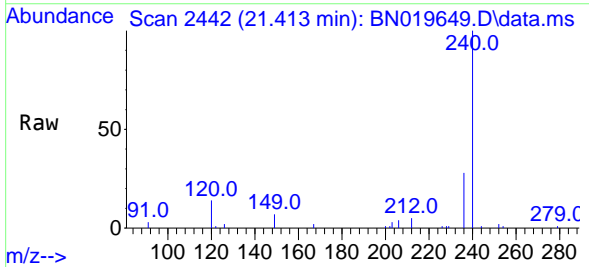
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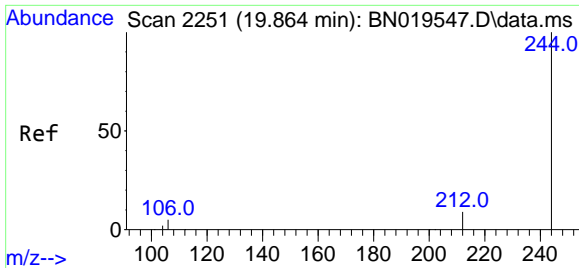


#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.413 min Scan# 2442  
 Delta R.T. -0.000 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

Tgt Ion:240 Resp: 8953  
 Ion Ratio Lower Upper  
 240 100  
 120 13.8 17.4 26.2#  
 236 28.2 23.0 34.4

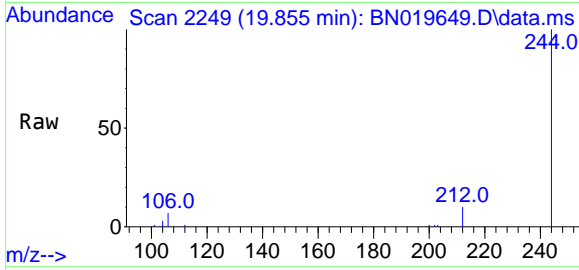






#31  
 Terphenyl-d14  
 Concen: 0.392 ng  
 RT: 19.855 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

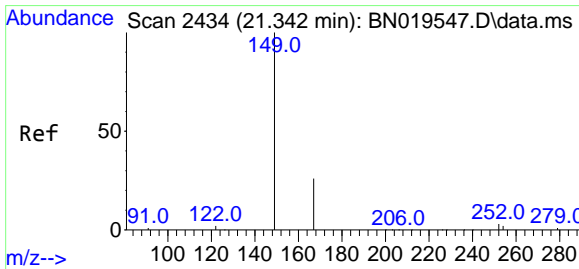
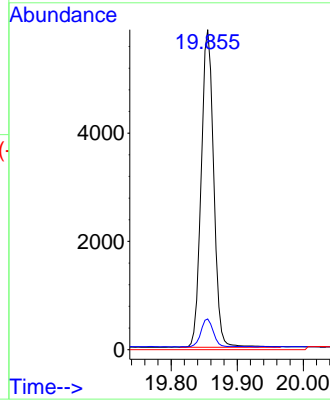
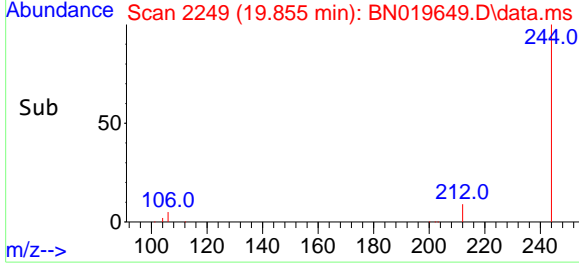
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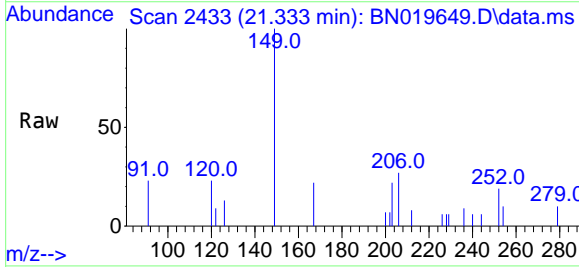
Tgt Ion:244 Resp: 772

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.6	11.4
122	0.0	0.0	0.0

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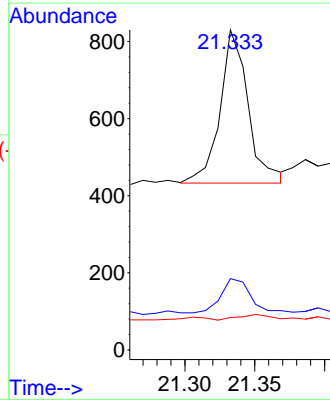
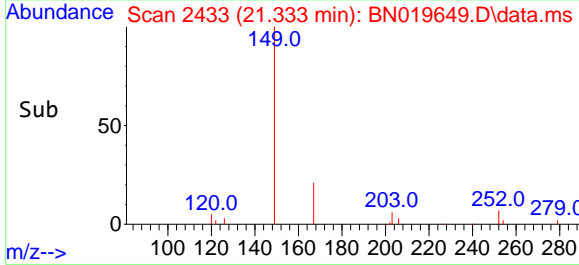


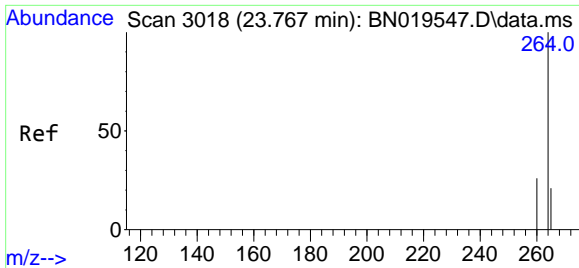
#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.038 ng m  
 RT: 21.333 min Scan# 2433  
 Delta R.T. -0.009 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27



Tgt Ion:149 Resp: 557

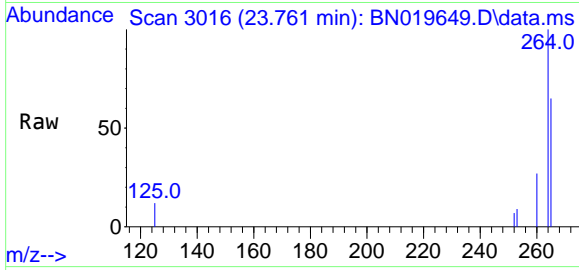
Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.7	32.5
279	5.2	2.8	4.2





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.761 min Scan# 30  
 Delta R.T. -0.006 min  
 Lab File: BN019649.D  
 Acq: 03 May 2022 15:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220428



Tgt Ion: 264 Resp: 727

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	65.0	67.9	101.9

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

