

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012522\  
 Data File : BN018459.D  
 Acq On : 25 Jan 2022 14:57  
 Operator : CG/JU  
 Sample : PB142252BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB142252BL

Quant Time: Jan 26 04:06:38 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN012422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 24 18:25:49 2022  
 Response via : Initial Calibration

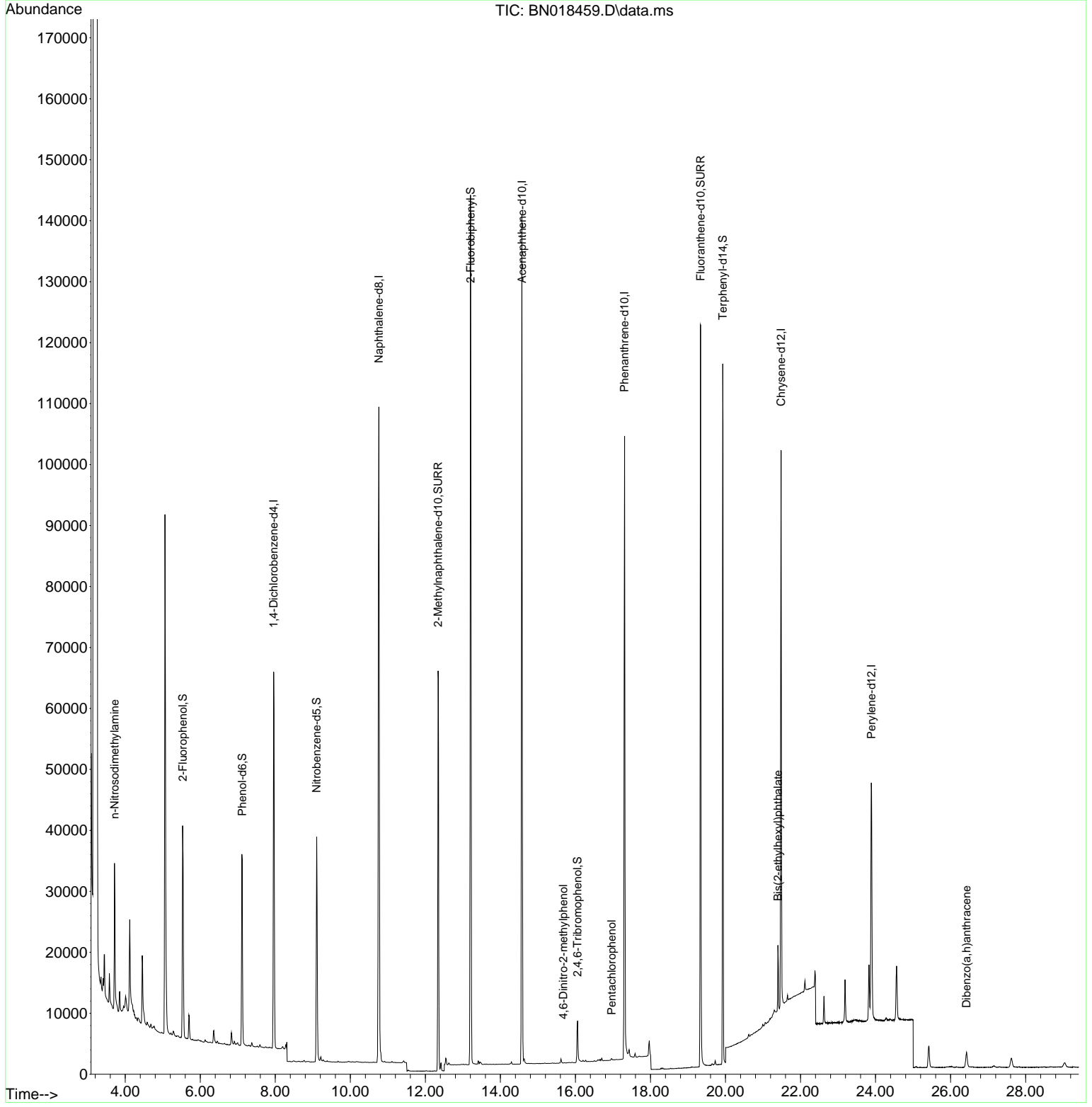
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	33587	0.400	ng	0.00
7) Naphthalene-d8	10.761	136	149667	0.400	ng	0.00
13) Acenaphthene-d10	14.573	164	77777	0.400	ng	0.00
19) Phenanthrene-d10	17.310	188	142821	0.400	ng	0.00
29) Chrysene-d12	21.482	240	87429	0.400	ng	-0.01
35) Perylene-d12	23.888	264	57818	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	31268	0.375	ng	0.02
5) Phenol-d6	7.117	99	32640	0.360	ng	0.00
8) Nitrobenzene-d5	9.101	82	31252	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	12.341	152	87240	0.347	ng	0.00
14) 2,4,6-Tribromophenol	16.056	330	4585	0.196	ng	0.00
15) 2-Fluorobiphenyl	13.203	172	121682	0.436	ng	-0.01
27) Fluoranthene-d10	19.336	212	145309	0.337	ng	0.00
31) Terphenyl-d14	19.927	244	128092	0.471	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.714	42	1727	0.062	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.677	198	11	0.072	ng	# 1
24) Pentachlorophenol	16.969	266	297	0.195	ng	85
34) Bis(2-ethylhexyl)phtha...	21.397	149	10571	0.048	ng	96
40) Dibenzo(a,h)anthracene	26.425	278	339	0.137	ng	# 1

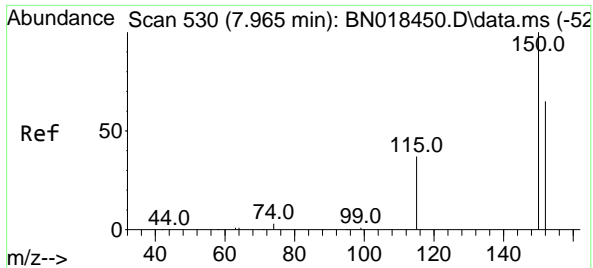
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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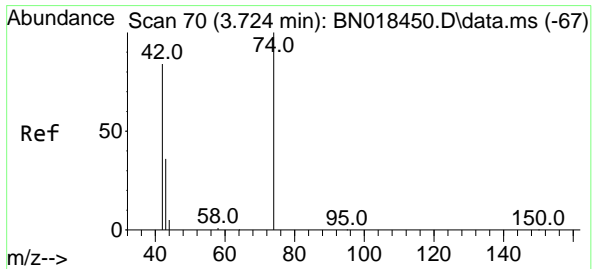
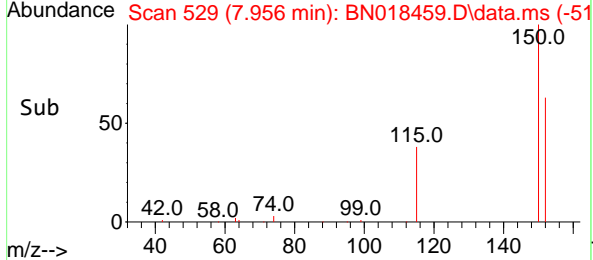
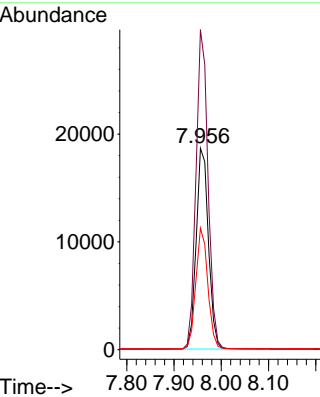
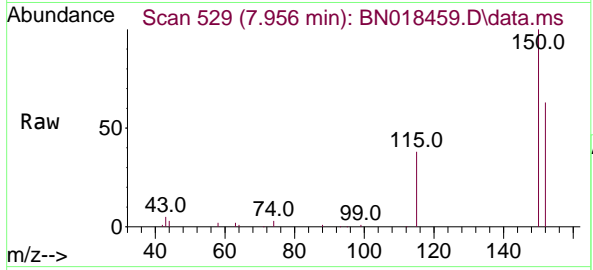


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.956 min Scan# 51  
 Delta R.T. -0.009 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Instrument : BNA\_N  
 ClientSampleId : PB142252BL

Tgt Ion:152 Resp: 33587

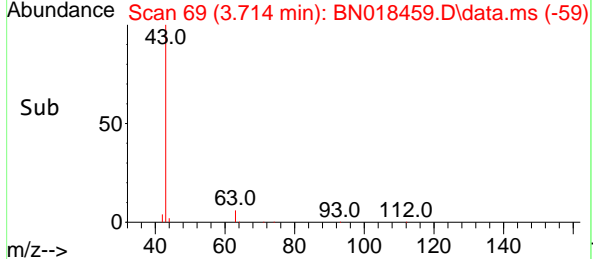
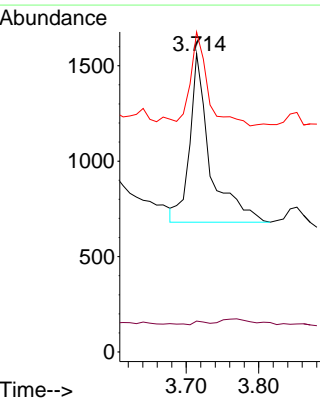
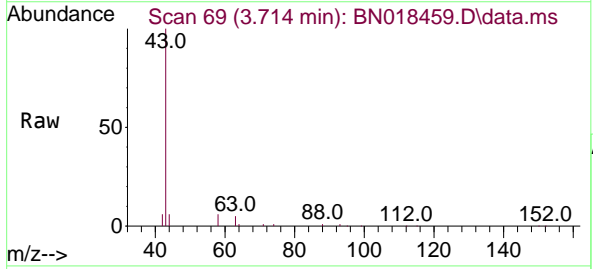
Ion	Ratio	Lower	Upper
152	100		
150	158.8	121.7	182.5
115	60.4	43.8	65.8

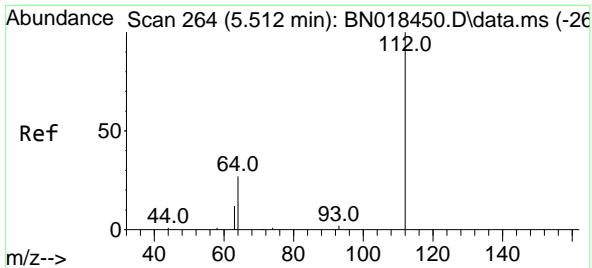


#3  
 n-Nitrosodimethylamine  
 Concen: 0.062 ng  
 RT: 3.714 min Scan# 69  
 Delta R.T. -0.009 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion: 42 Resp: 1727

Ion	Ratio	Lower	Upper
42	100		
74	0.9	108.6	163.0#
44	46.8	5.8	8.8#

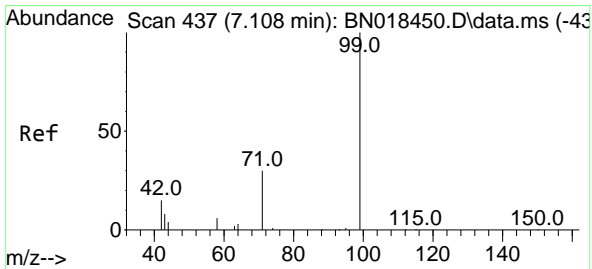
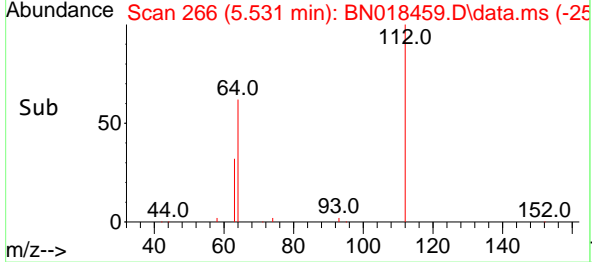
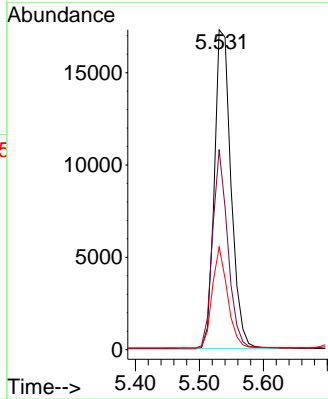
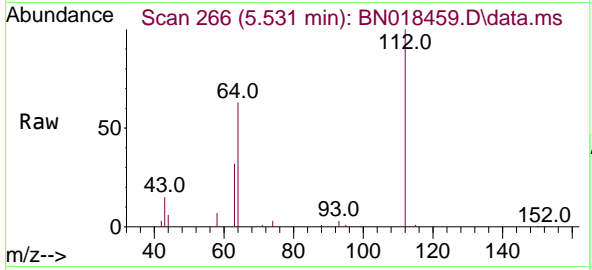




#4  
 2-Fluorophenol  
 Concen: 0.375 ng  
 RT: 5.531 min Scan# 20  
 Delta R.T. 0.018 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

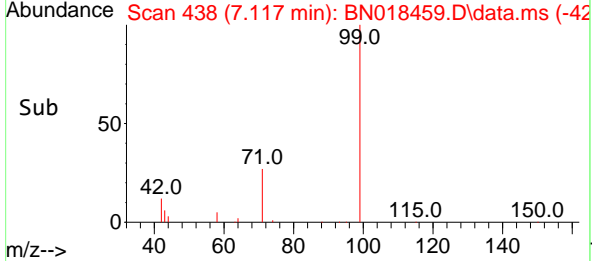
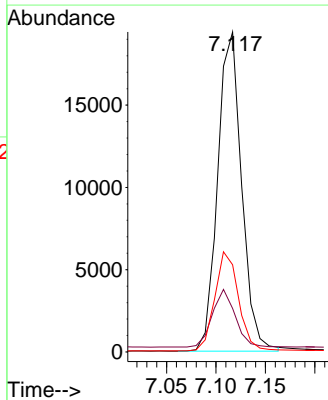
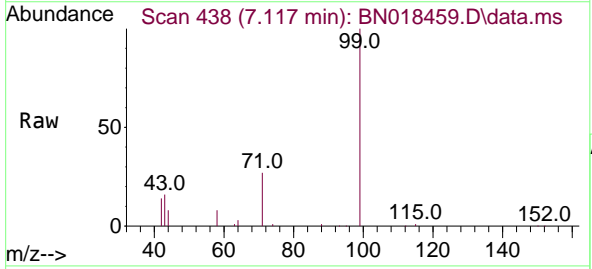
Instrument : BNA\_N  
 ClientSampleId : PB142252BL

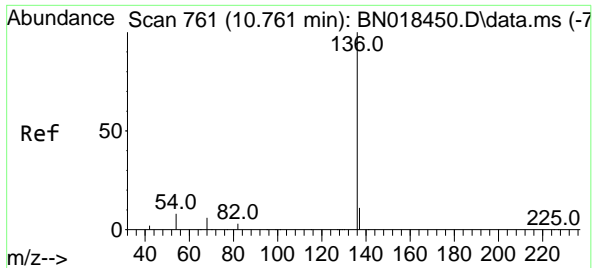
Tgt Ion	Resp	Lower	Upper
112	100		
64	57.0	48.0	72.0
63	29.1	25.3	37.9



#5  
 Phenol-d6  
 Concen: 0.360 ng  
 RT: 7.117 min Scan# 438  
 Delta R.T. 0.009 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion	Resp	Lower	Upper
99	100		
42	17.3	16.3	24.5
71	30.8	26.8	40.2



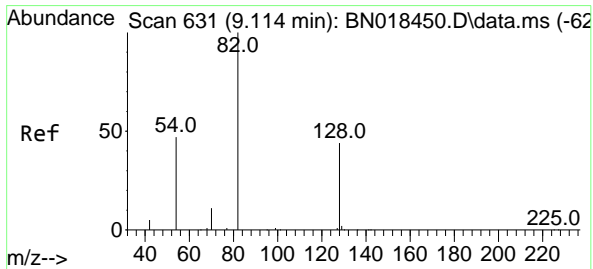
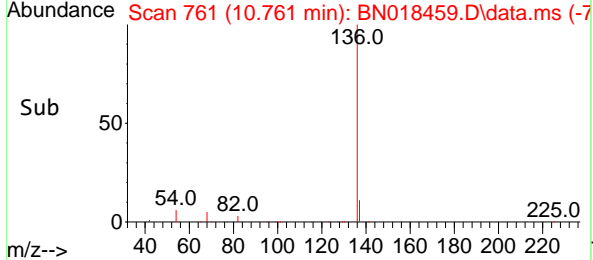
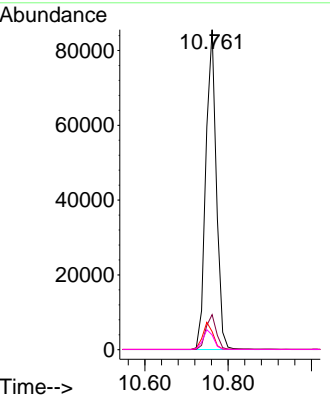
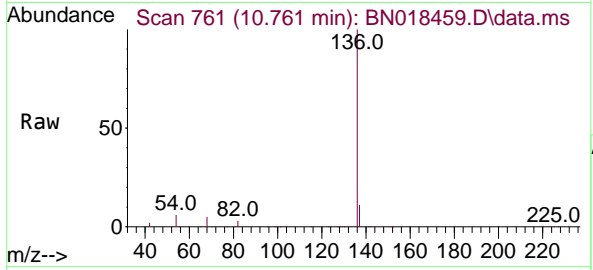


#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.761 min Scan# 70  
 Delta R.T. 0.000 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Instrument : BNA\_N  
 ClientSampleId : PB142252BL

Tgt Ion:136 Resp: 149667

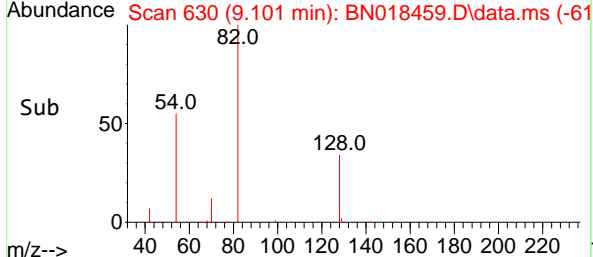
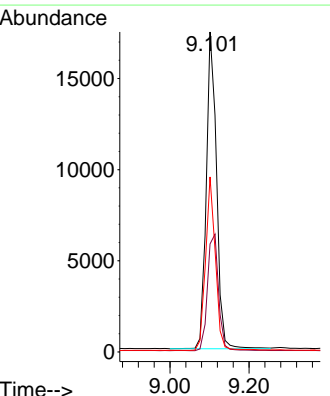
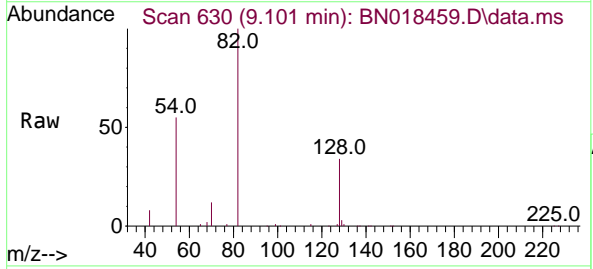
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.7	5.0	7.6
68	4.6	4.4	6.6

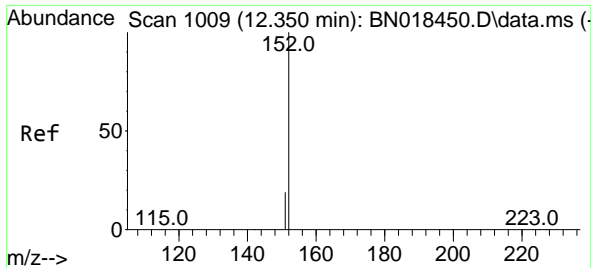


#8  
 Nitrobenzene-d5  
 Concen: 0.362 ng  
 RT: 9.101 min Scan# 630  
 Delta R.T. -0.013 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion: 82 Resp: 31252

Ion	Ratio	Lower	Upper
82	100		
128	33.8	33.7	50.5
54	54.7	36.6	55.0

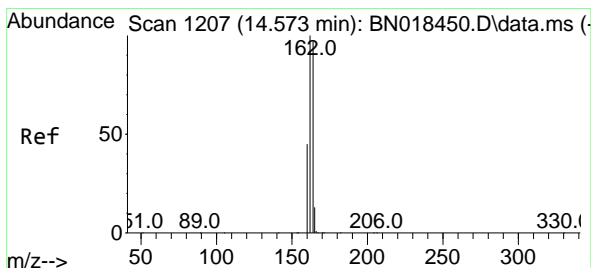
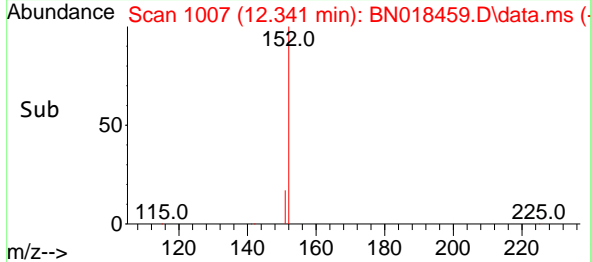
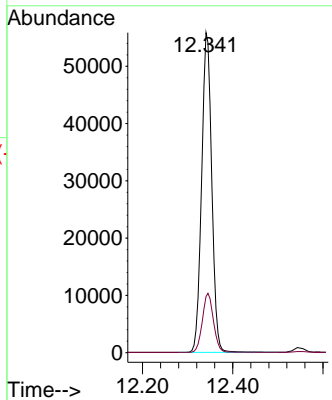
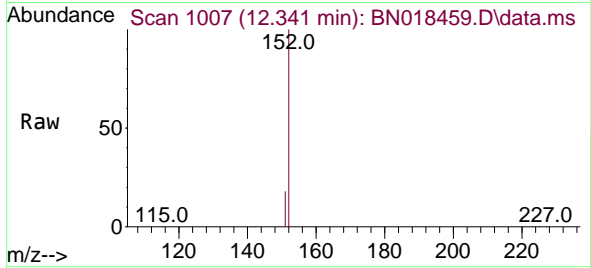




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.347 ng  
 RT: 12.341 min Scan# 1007  
 Delta R.T. -0.009 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

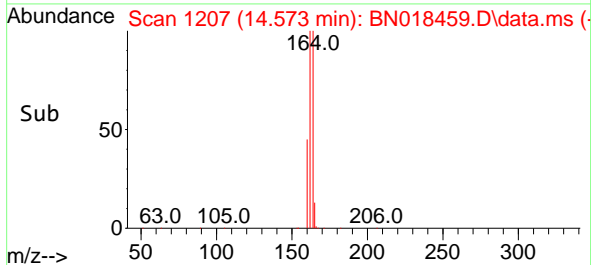
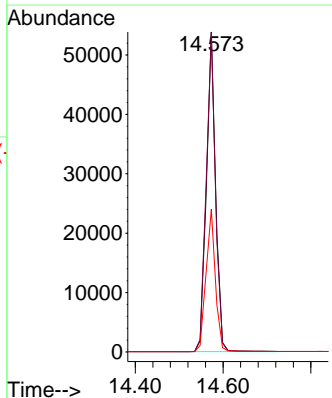
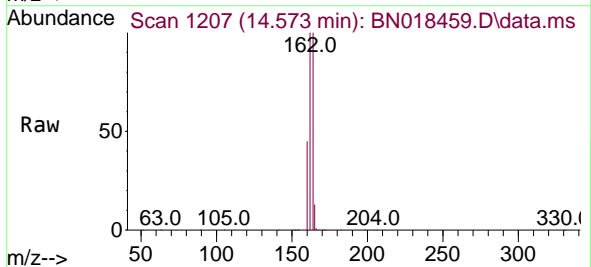
Instrument : BNA\_N  
 ClientSampleId : PB142252BL

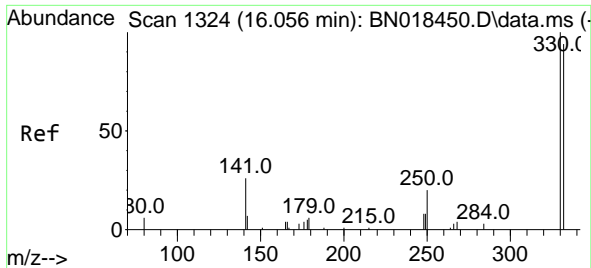
Tgt Ion:152 Resp: 87240  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.2 24.2



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.573 min Scan# 1207  
 Delta R.T. 0.000 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

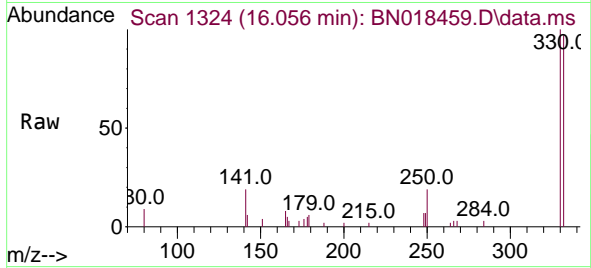
Tgt Ion:164 Resp: 77777  
 Ion Ratio Lower Upper  
 164 100  
 162 99.8 80.2 120.2  
 160 44.6 36.9 55.3



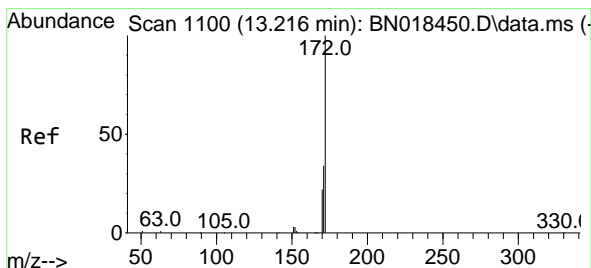
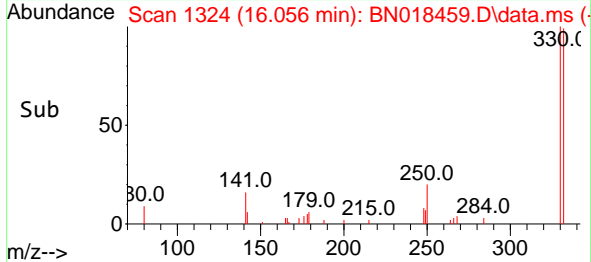
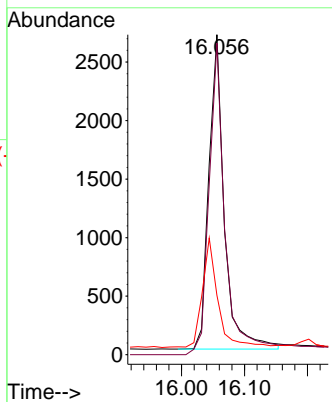


#14  
 2,4,6-Tribromophenol  
 Concen: 0.196 ng  
 RT: 16.056 min Scan# 1111  
 Delta R.T. 0.000 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB142252BL

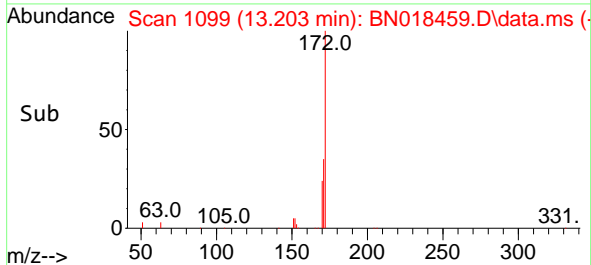
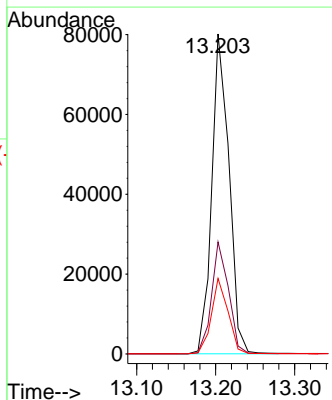
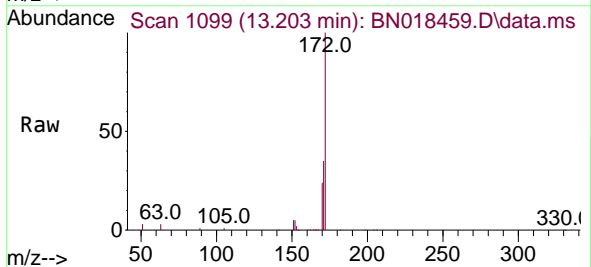


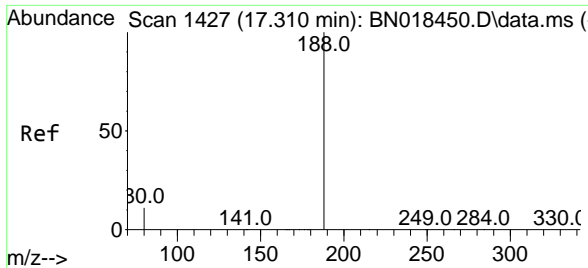
Tgt Ion:330 Resp: 4585  
 Ion Ratio Lower Upper  
 330 100  
 332 104.4 0.0 0.0#  
 141 34.5 21.3 31.9#



#15  
 2-Fluorobiphenyl  
 Concen: 0.436 ng  
 RT: 13.203 min Scan# 1099  
 Delta R.T. -0.013 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion:172 Resp: 121682  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 27.4 41.0  
 170 23.6 18.4 27.6



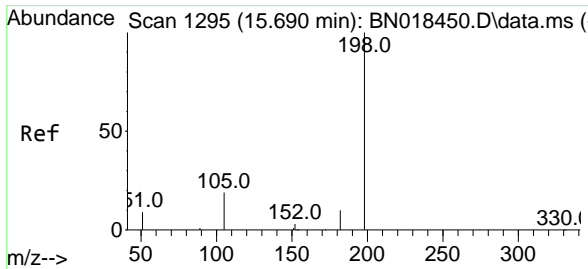
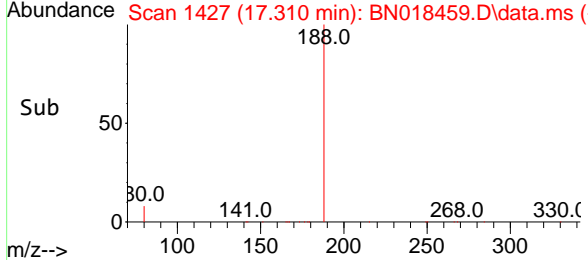
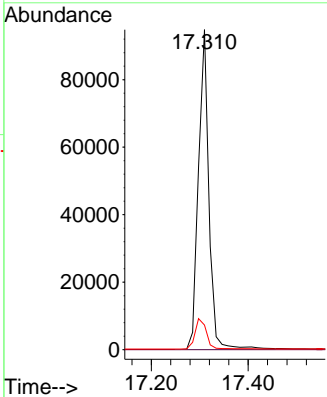
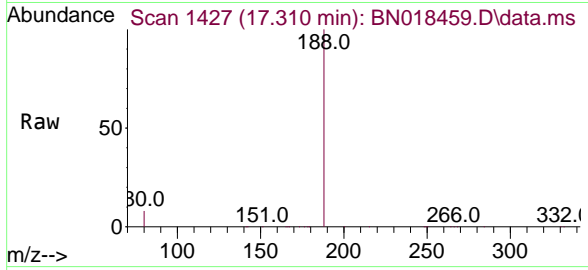


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.310 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Instrument : BNA\_N  
 ClientSampleId : PB142252BL

Tgt Ion:188 Resp: 142821

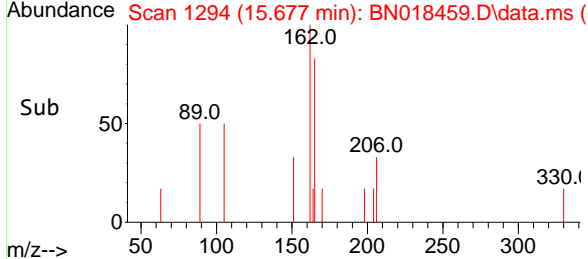
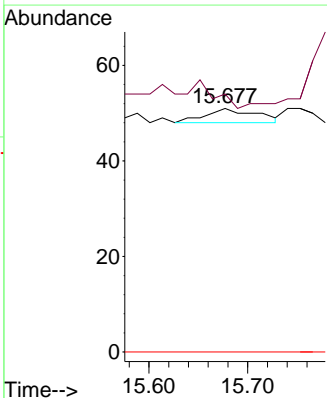
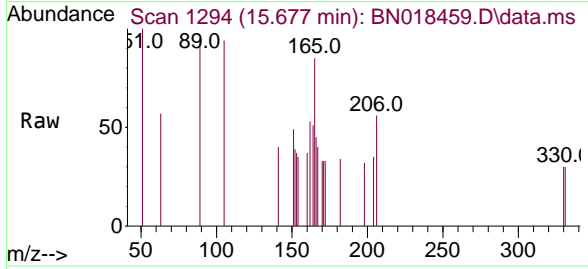
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.0	10.4



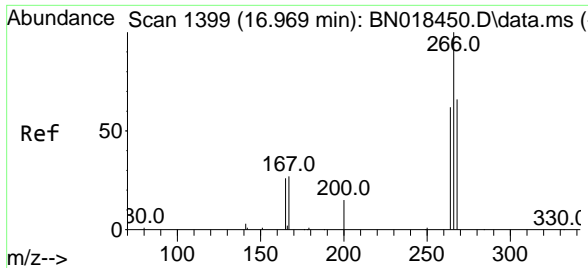
#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.072 ng  
 RT: 15.677 min Scan# 1294  
 Delta R.T. -0.013 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion:198 Resp: 11

Ion	Ratio	Lower	Upper
198	100		
182	105.9	15.5	23.3#
77	0.0	0.0	0.0



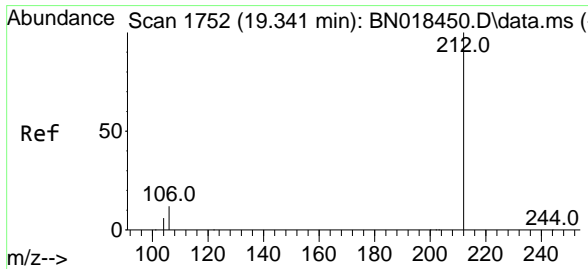
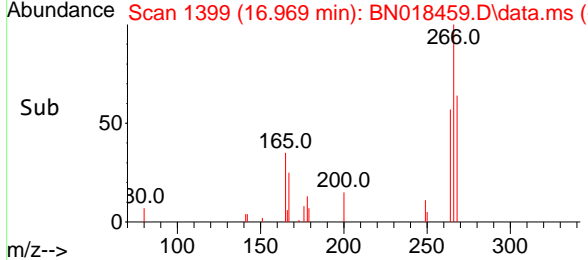
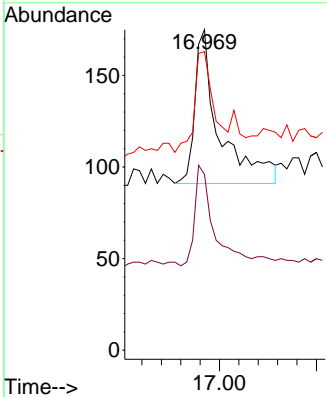
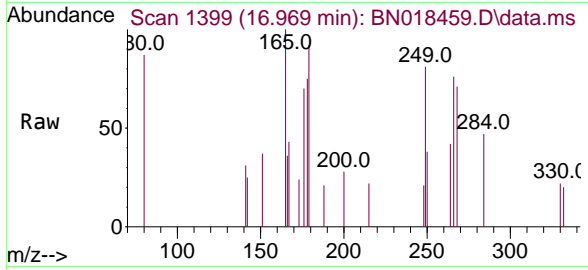




#24  
 Pentachlorophenol  
 Concen: 0.195 ng  
 RT: 16.969 min Scan# 111  
 Delta R.T. -0.000 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

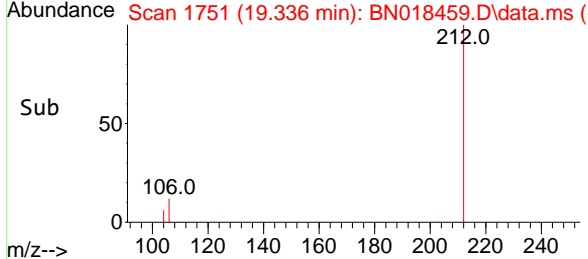
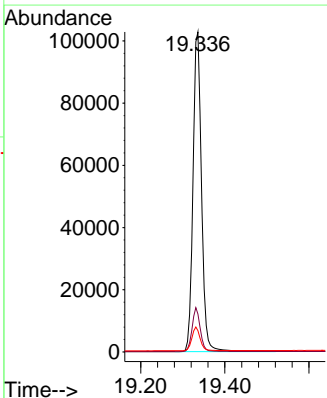
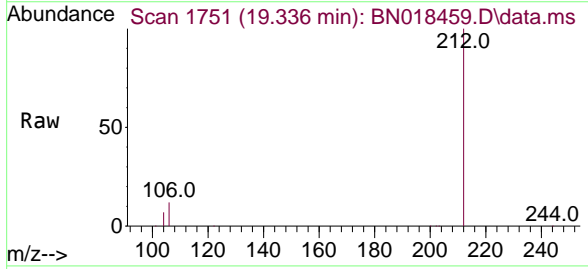
Instrument : BNA\_N  
 Client Sample Id : PB142252BL

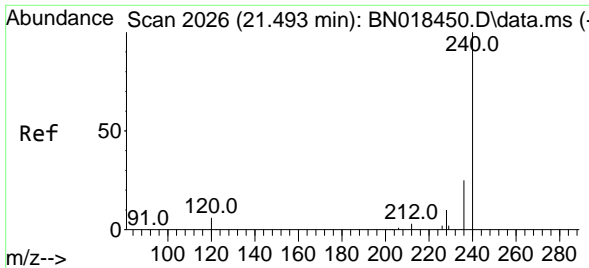
Tgt Ion	Resp	Lower	Upper
266	100		
264	50.5	49.5	74.3
268	51.2	50.6	76.0



#27  
 Fluoranthene-d10  
 Concen: 0.337 ng  
 RT: 19.336 min Scan# 1751  
 Delta R.T. -0.005 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion	Resp	Lower	Upper
212	100		
106	13.1	8.4	12.6#
104	7.3	4.5	6.7#

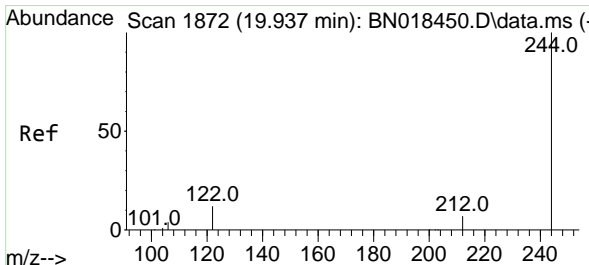
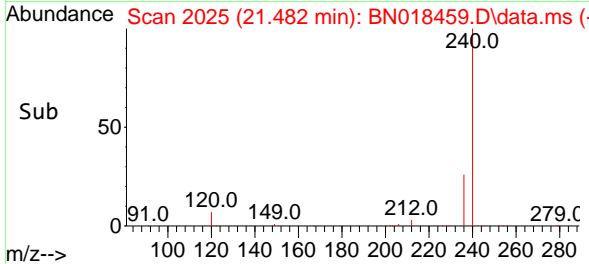
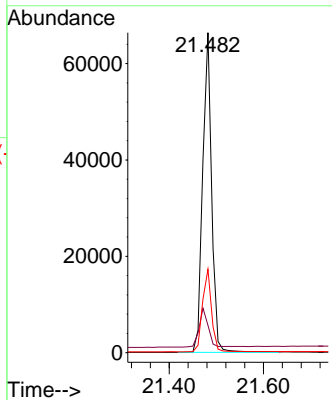
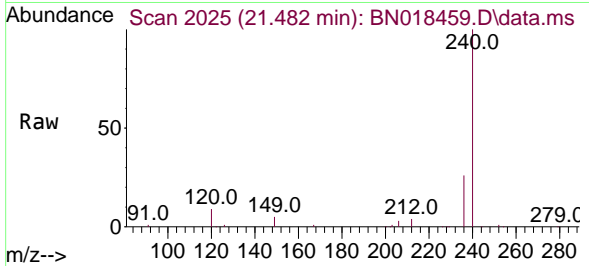




#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.482 min Scan# 20  
 Delta R.T. -0.011 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

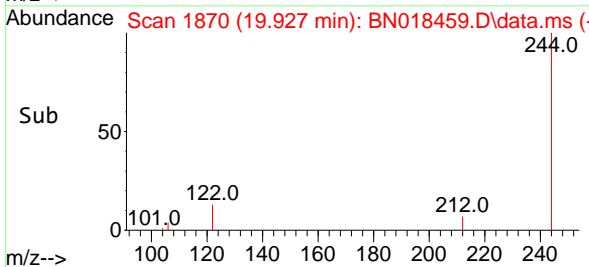
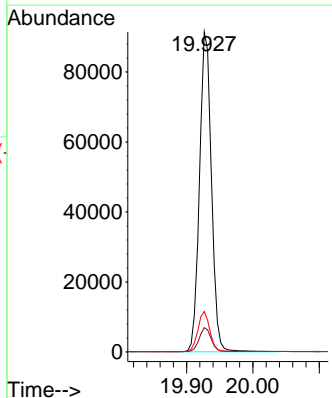
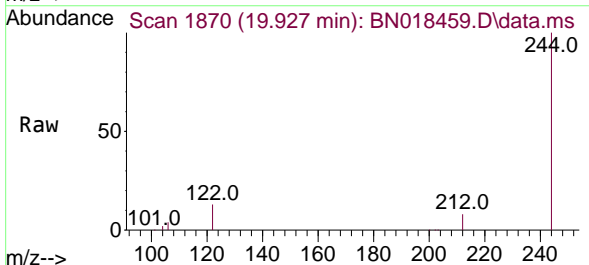
Instrument : BNA\_N  
 ClientSampleId : PB142252BL

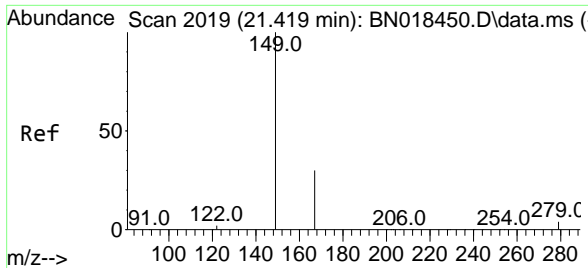
Tgt Ion	Resp	Ion Ratio	Lower	Upper
240	87429	100		
120		8.6	6.0	9.0
236		26.0	21.4	32.2



#31  
 Terphenyl-d14  
 Concen: 0.471 ng  
 RT: 19.927 min Scan# 1870  
 Delta R.T. -0.010 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Tgt Ion	Resp	Ion Ratio	Lower	Upper
244	128092	100		
212		7.6	6.2	9.2
122		12.6	7.9	11.9

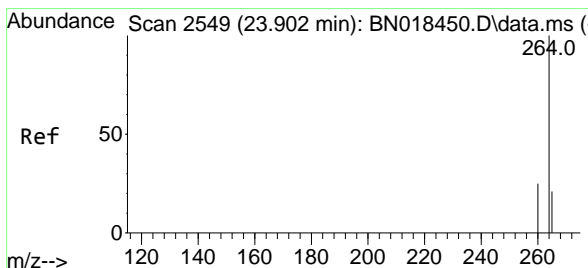
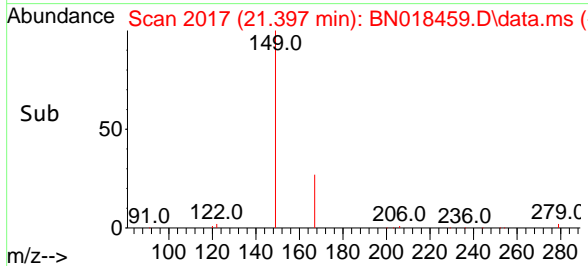
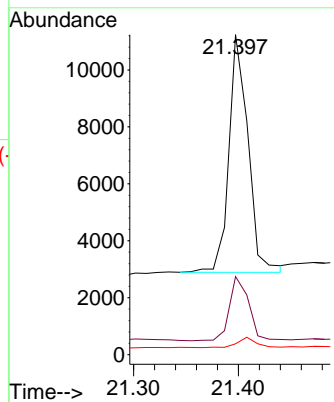
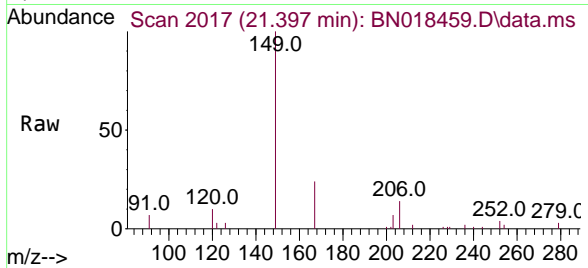




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.048 ng  
 RT: 21.397 min Scan# 2017  
 Delta R.T. -0.021 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

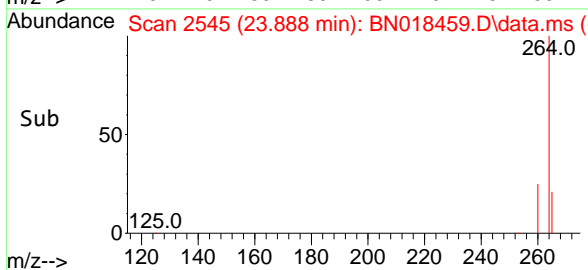
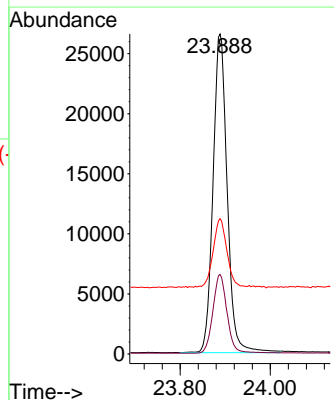
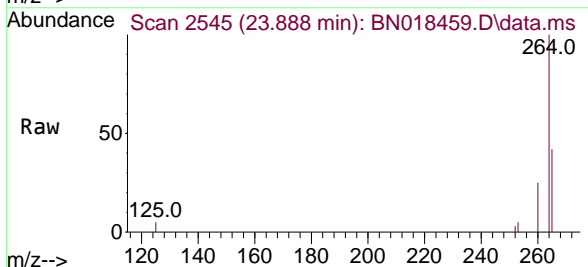
Instrument : BNA\_N  
 ClientSampleId : PB142252BL

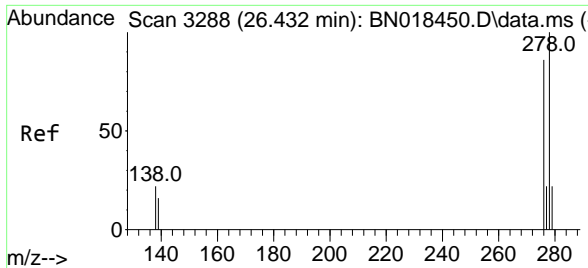
Tgt Ion	Resp	Lower	Upper
149	10571		
167	27.4	23.7	35.5
279	4.4	3.6	5.4



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.888 min Scan# 2545  
 Delta R.T. -0.014 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

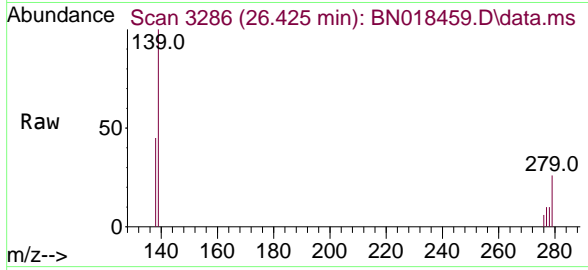
Tgt Ion	Resp	Lower	Upper
264	57818		
260	24.9	20.2	30.4
265	42.3	18.2	27.2





#40  
 Dibenzo(a,h)anthracene  
 Concen: 0.137 ng  
 RT: 26.425 min Scan# 31  
 Delta R.T. -0.007 min  
 Lab File: BN018459.D  
 Acq: 25 Jan 2022 14:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB142252BL



Tgt Ion: 278 Resp: 339

Ion	Ratio	Lower	Upper
278	100		
139	953.4	10.8	16.2#
279	251.3	19.0	28.4#

