

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070721\  
 Data File : BN015397.D  
 Acq On : 08 Jul 2021 07:09  
 Operator : CG/JU  
 Sample : M2953-05  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 08 08:06:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 07 11:11:38 2021  
 Response via : Initial Calibration

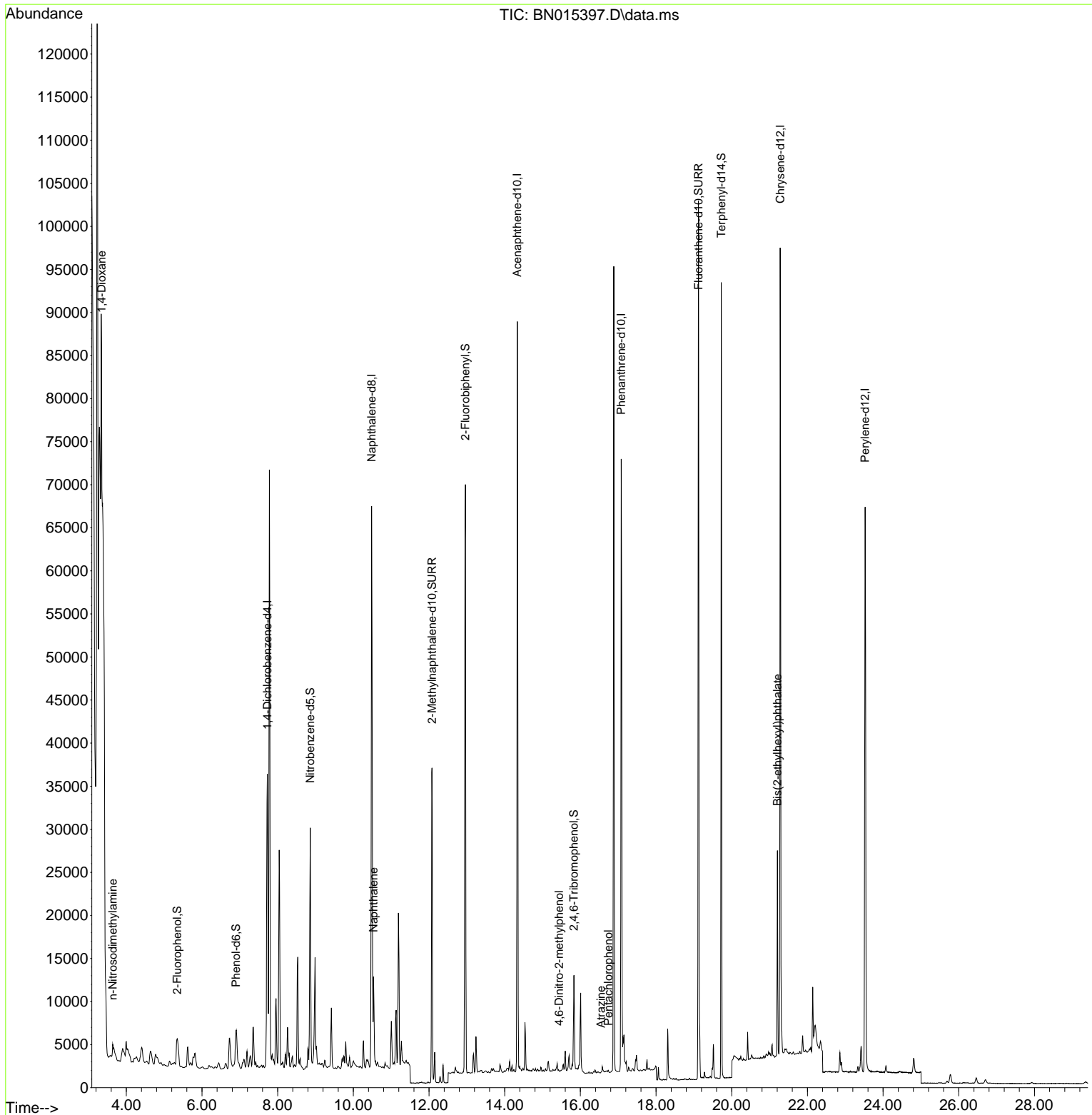
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.725	152	19561	0.40	ng	#	0.00
7) Naphthalene-d8	10.483	136	89948	0.40	ng	#	0.00
13) Acenaphthene-d10	14.332	164	49461	0.40	ng		0.00
19) Phenanthrene-d10	17.078	188	98518	0.40	ng		0.00
29) Chrysene-d12	21.281	240	87433	0.40	ng	#	-0.01
35) Perylene-d12	23.526	264	84646	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.346	112	6423	0.13	ng		0.00
5) Phenol-d6	6.896	99	4442	0.07	ng		0.00
8) Nitrobenzene-d5	8.861	82	23454	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.078	152	49121	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.829	330	6500	0.52	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	66830	0.33	ng		0.00
27) Fluoranthene-d10	19.123	212	111742	0.38	ng		0.00
31) Terphenyl-d14	19.723	244	86697	0.42	ng		0.00
Target Compounds							
2) 1,4-Dioxane	3.346	88	23757	2.59	ng	#	61
3) n-Nitrosodimethylamine	3.641	42	535	0.03	ng	#	1
9) Naphthalene	10.533	128	12443	0.05	ng		98
20) 4,6-Dinitro-2-methylph...	15.436	198	37	0.21	ng	#	1
23) Atrazine	16.543	200	74	0.17	ng	#	31
24) Pentachlorophenol	16.738	266	117	0.25	ng		89
34) Bis(2-ethylhexyl)phtha...	21.206	149	19970	0.34	ng	#	87

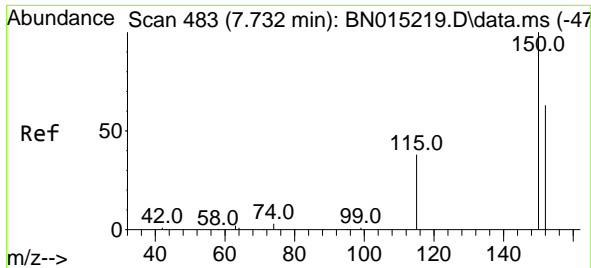
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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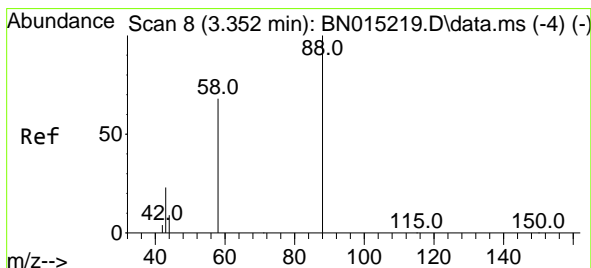
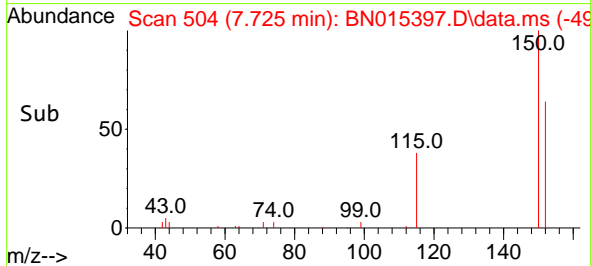
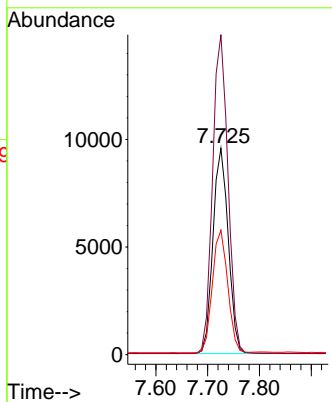
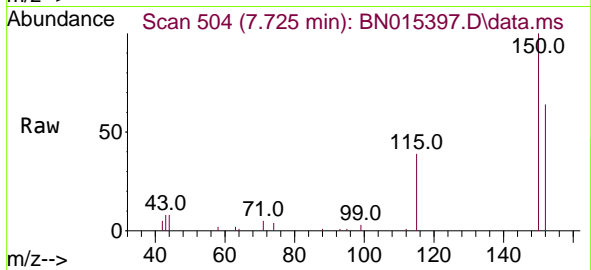




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.725 min Scan# 504  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

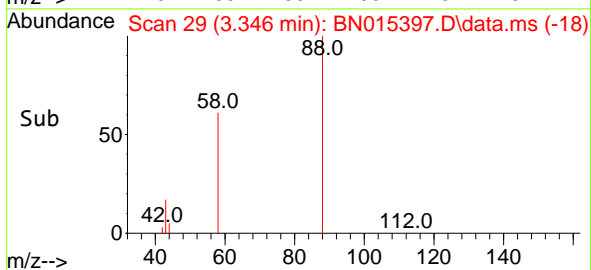
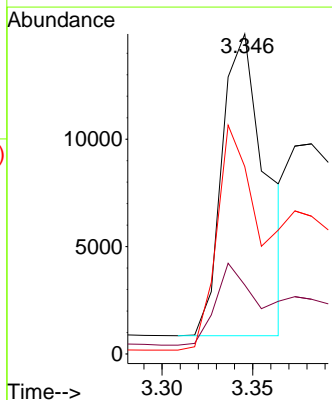
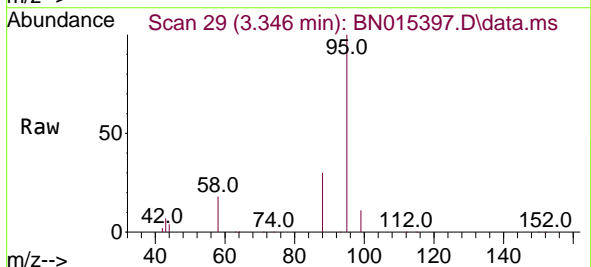
Instrument :  
 BNA\_N  
 ClientSampled :

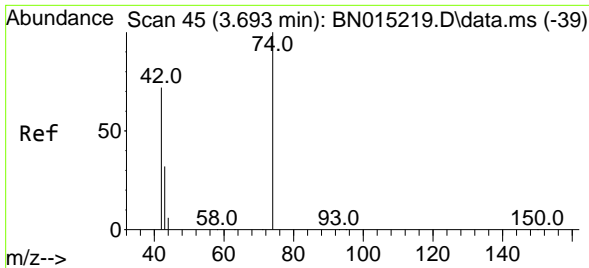
Tgt Ion:152 Resp: 19561  
 Ion Ratio Lower Upper  
 152 100  
 150 155.1 119.0 178.6  
 115 60.4 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 2.59 ng  
 RT: 3.346 min Scan# 29  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

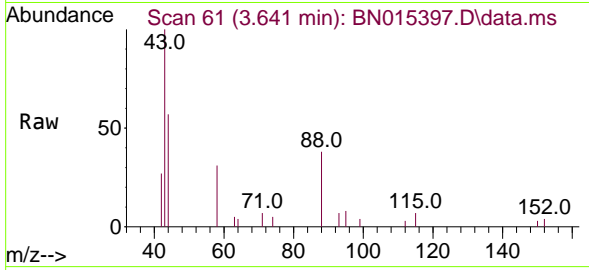
Tgt Ion: 88 Resp: 23757  
 Ion Ratio Lower Upper  
 88 100  
 43 27.6 12.9 19.3#  
 58 76.2 38.1 57.1#



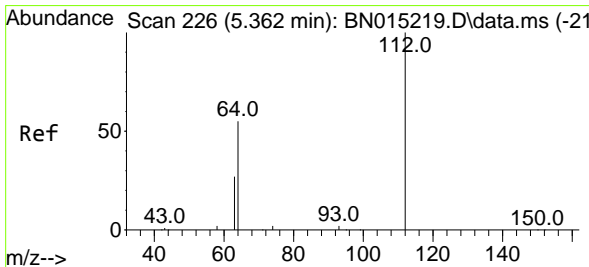
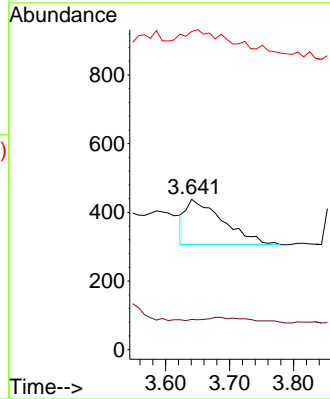
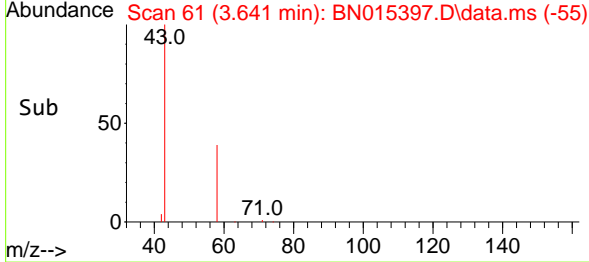


#3  
 n-Nitrosodimethylamine  
 Concen: 0.03 ng  
 RT: 3.641 min Scan# 61  
 Delta R.T. -0.046 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

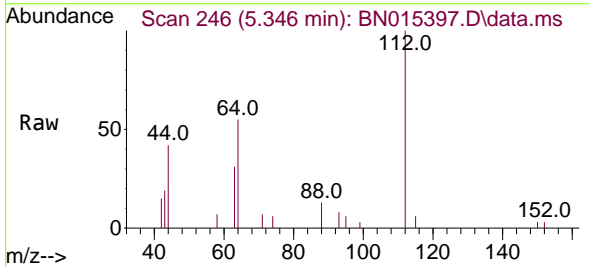
Instrument :  
 BNA\_N  
 ClientSampled :



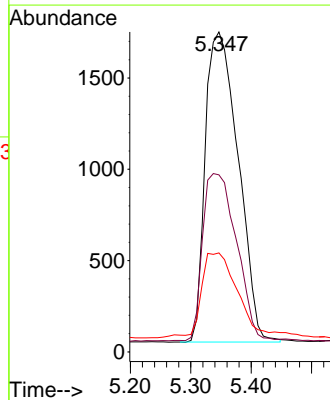
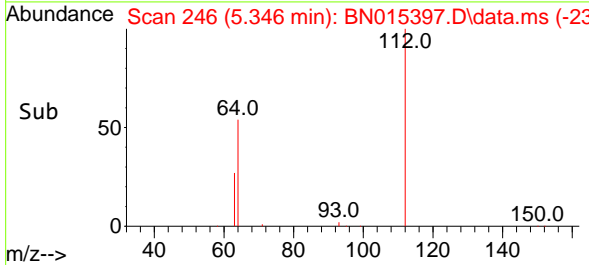
Tgt Ion: 42 Resp: 535  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 149.5 224.3#  
 44 68.8 4.2 6.2#

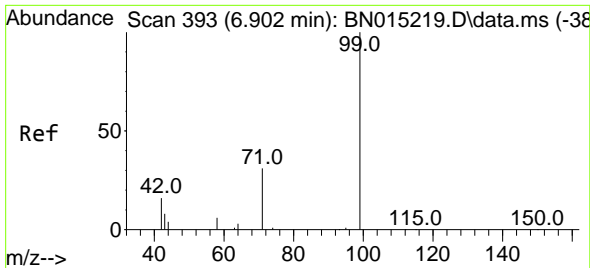


#4  
 2-Fluorophenol  
 Concen: 0.13 ng  
 RT: 5.346 min Scan# 246  
 Delta R.T. 0.009 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09



Tgt Ion: 112 Resp: 6423  
 Ion Ratio Lower Upper  
 112 100  
 64 55.5 39.0 58.6  
 63 29.4 20.6 30.8



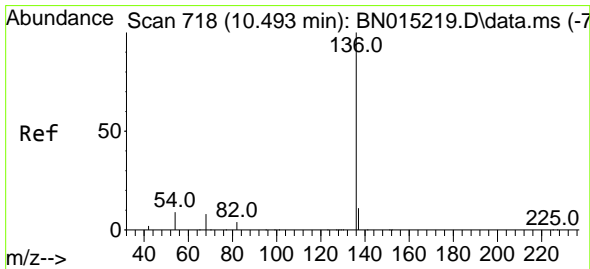
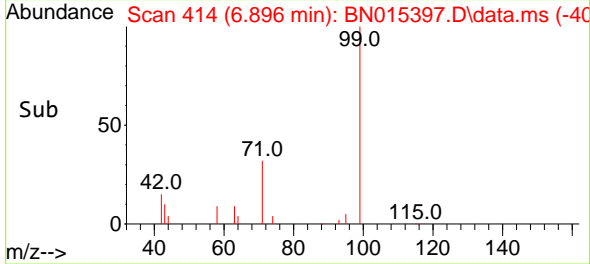
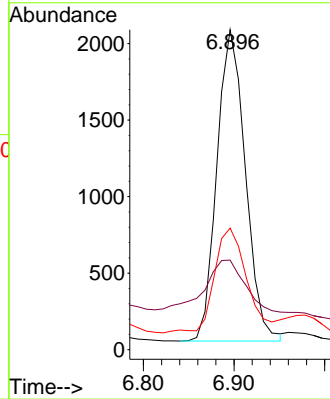
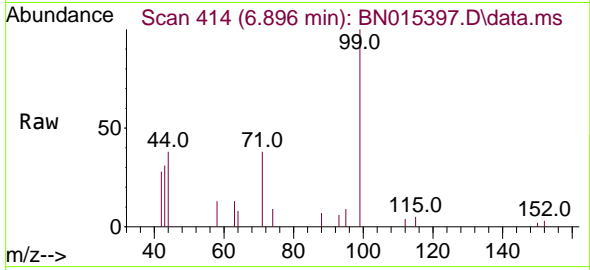


#5  
 Phenol-d6  
 Concen: 0.07 ng  
 RT: 6.896 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Instrument :  
 BNA\_N  
 ClientSampled :

Tgt Ion: 99 Resp: 4442

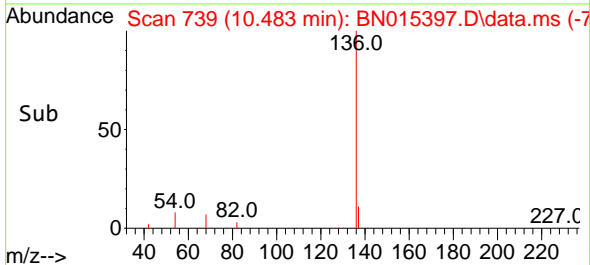
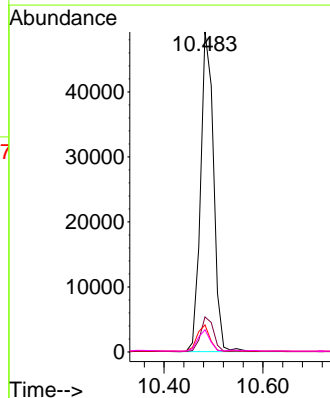
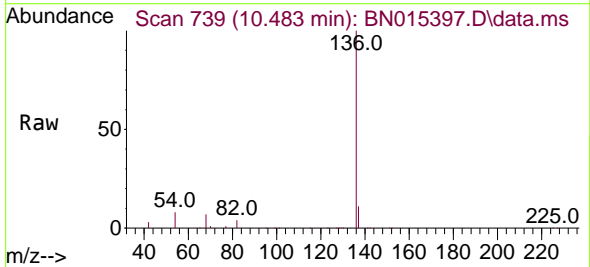
Ion	Ratio	Lower	Upper
99	100		
42	24.1	8.9	13.3#
71	38.0	35.6	53.4

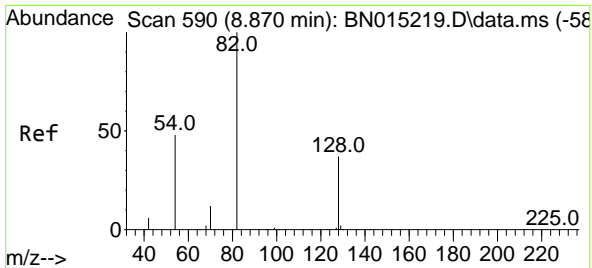


#7  
 Naphthalene-d8  
 Concen: 0.40 ng  
 RT: 10.483 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Tgt Ion: 136 Resp: 89948

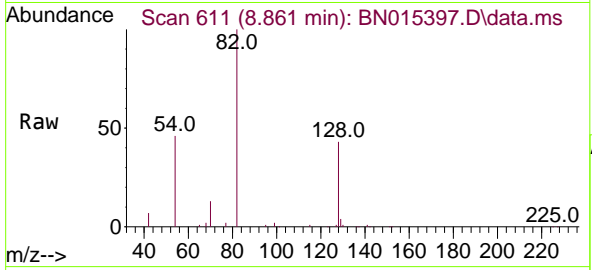
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.5	5.4	8.2#
68	6.9	4.9	7.3



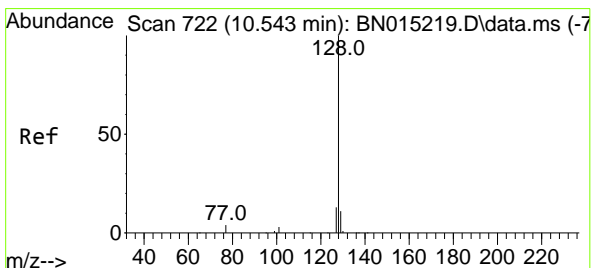
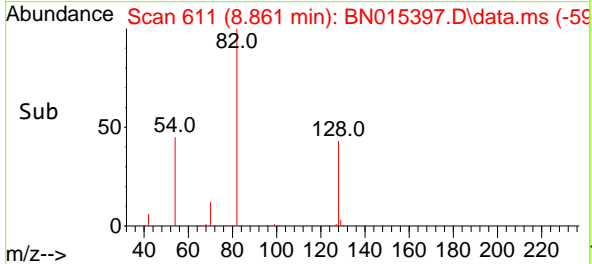
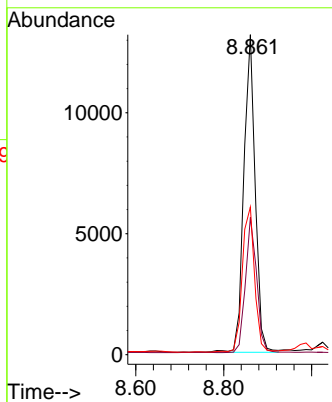


#8  
 Nitrobenzene-d5  
 Concen: 0.47 ng  
 RT: 8.861 min Scan# 611  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Instrument :  
 BNA\_N  
 ClientSampled :

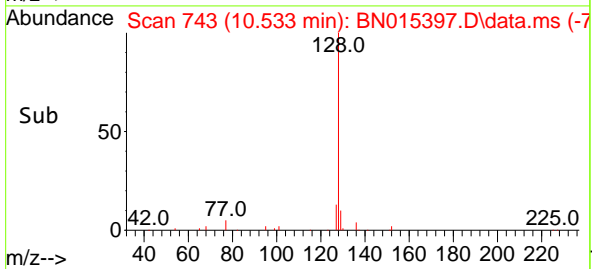
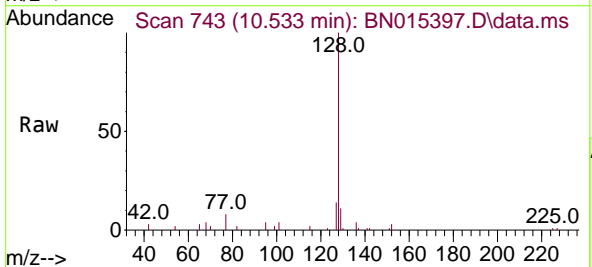
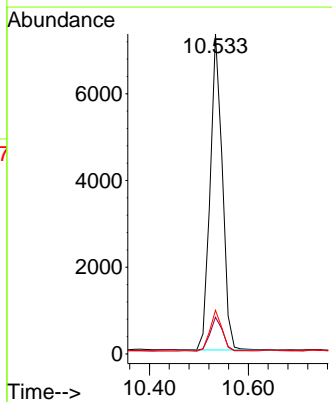


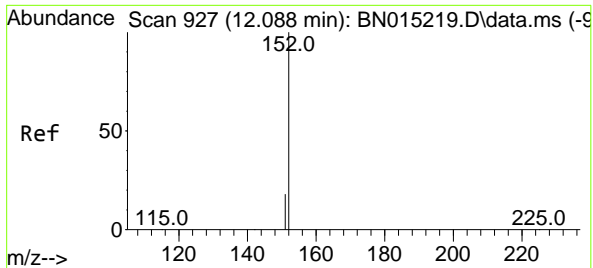
Tgt Ion	Resp	Lower	Upper
82	23454		
128	42.9	31.6	47.4
54	46.2	29.0	43.4



#9  
 Naphthalene  
 Concen: 0.05 ng  
 RT: 10.533 min Scan# 743  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Tgt Ion	Resp	Lower	Upper
128	12443		
129	11.5	9.1	13.7
127	13.6	11.8	17.6

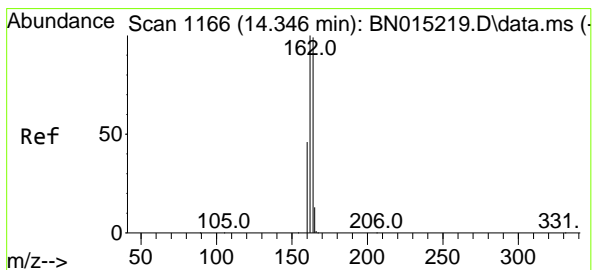
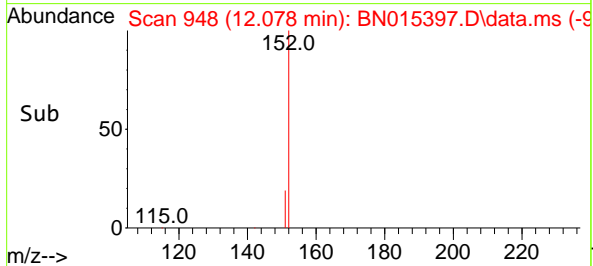
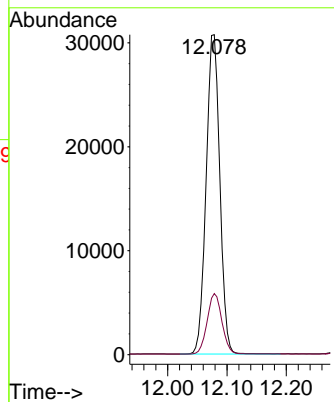
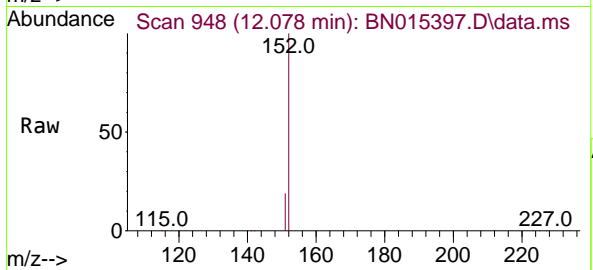




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.33 ng  
 RT: 12.078 min Scan# 948  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

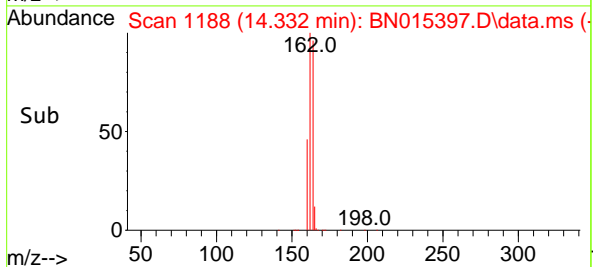
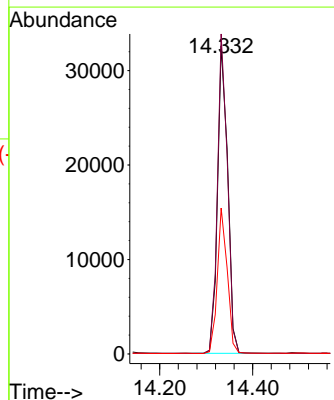
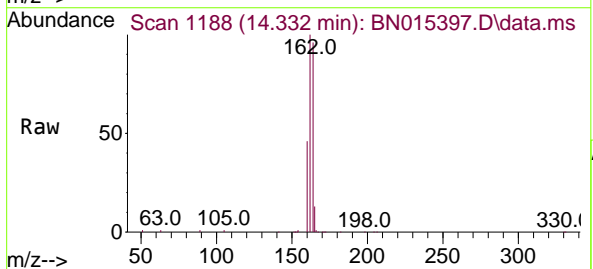
Instrument :  
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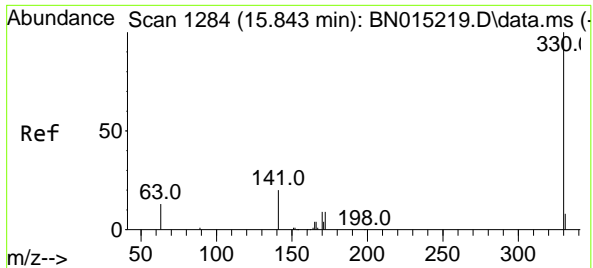
Tgt Ion:152 Resp: 49121  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.7 25.1



#13  
 Acenaphthene-d10  
 Concen: 0.40 ng  
 RT: 14.332 min Scan# 1188  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Tgt Ion:164 Resp: 49461  
 Ion Ratio Lower Upper  
 164 100  
 162 103.9 83.8 125.6  
 160 47.4 37.4 56.0

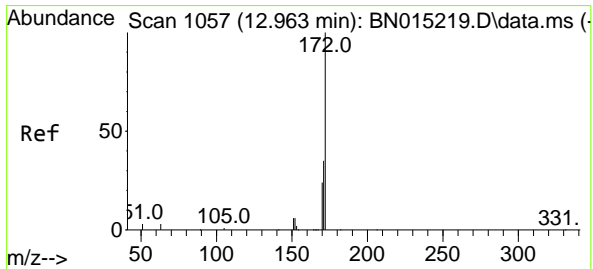
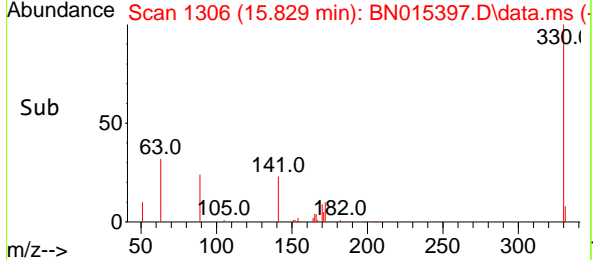
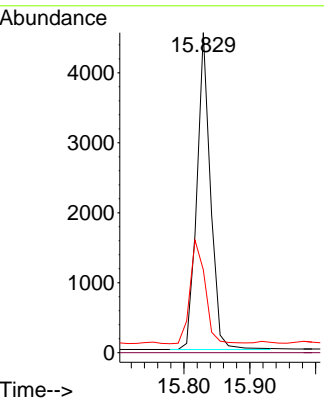
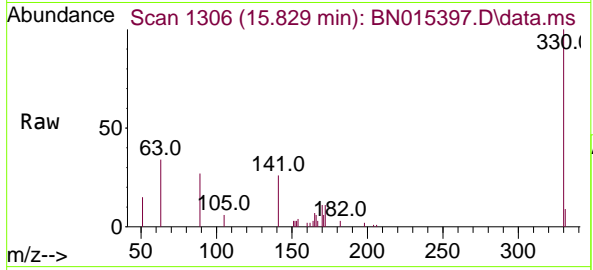




#14  
 2,4,6-Tribromophenol  
 Concen: 0.52 ng  
 RT: 15.829 min Scan# 1306  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

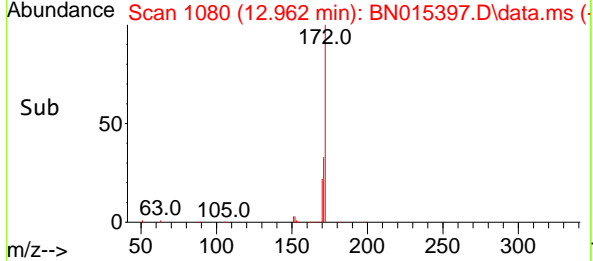
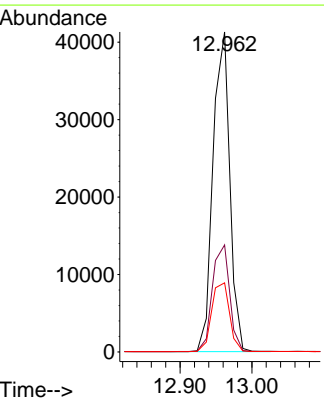
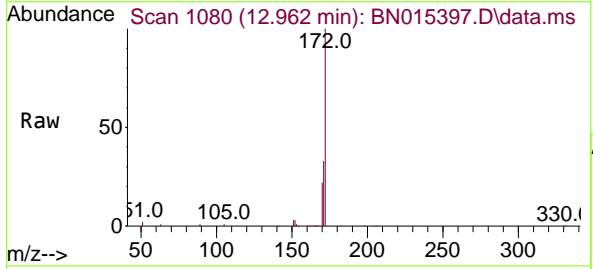
Instrument :  
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Tgt Ion	Resp	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.4	22.4	33.6#

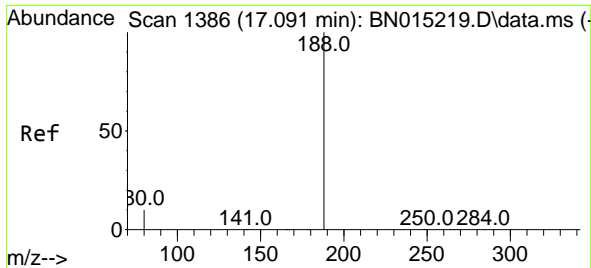


#15  
 2-Fluorobiphenyl  
 Concen: 0.33 ng  
 RT: 12.962 min Scan# 1080  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Tgt Ion	Resp	Lower	Upper
172	100		
171	33.5	30.6	45.8
170	21.6	20.2	30.4



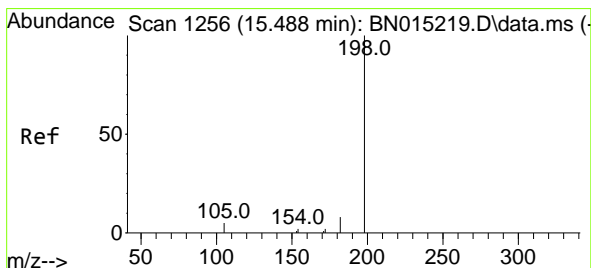
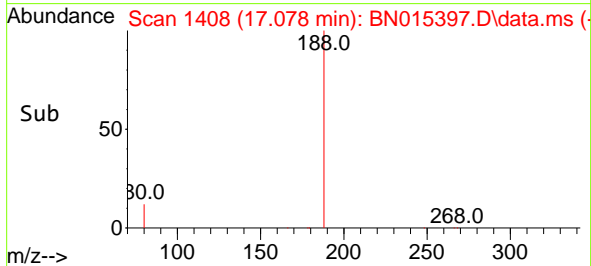
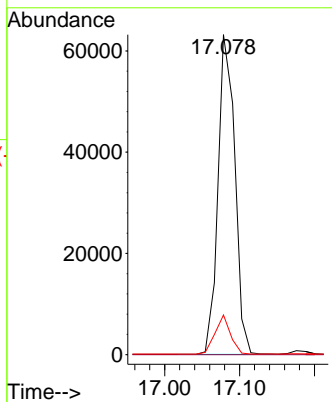
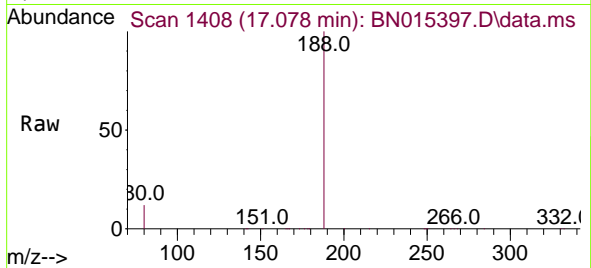




#19  
 Phenanthrene-d10  
 Concen: 0.40 ng  
 RT: 17.078 min Scan# 1408  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

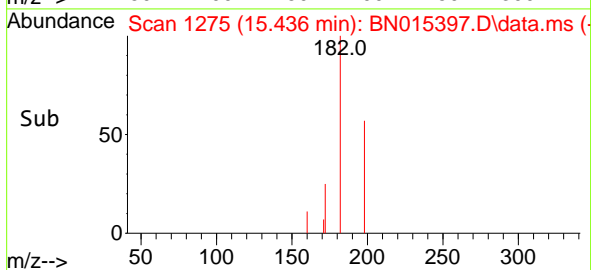
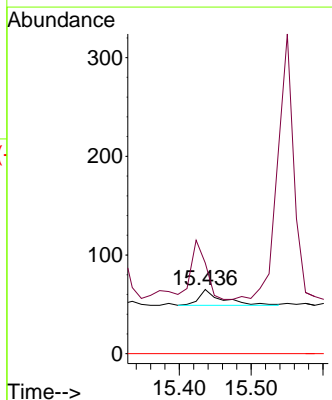
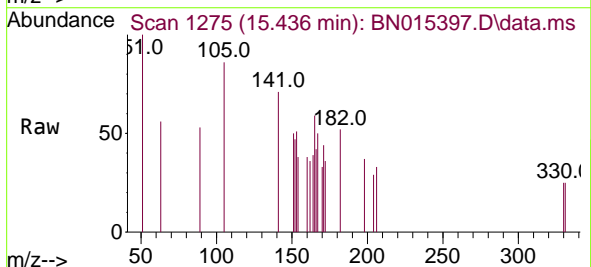
Instrument :  
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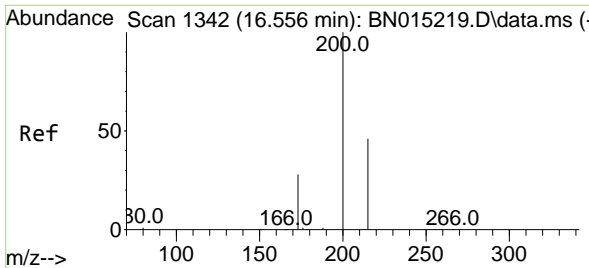
Tgt Ion	Resp	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	9.0	13.4



#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.21 ng  
 RT: 15.436 min Scan# 1275  
 Delta R.T. -0.038 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Tgt Ion	Resp	Lower	Upper
198	100		
182	141.5	34.5	51.7#
77	0.0	0.0	0.0

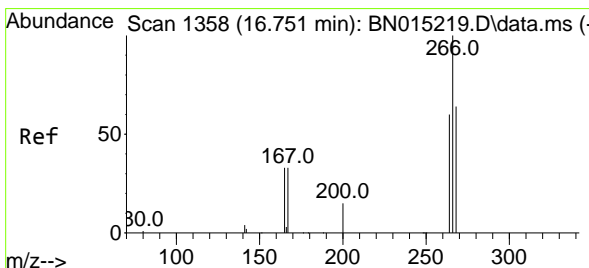
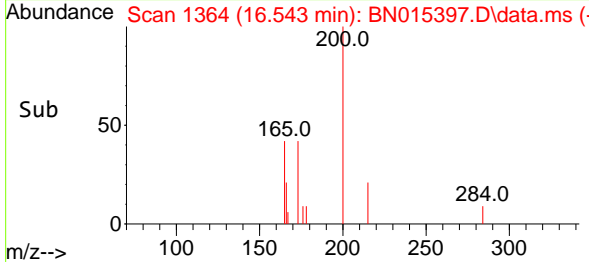
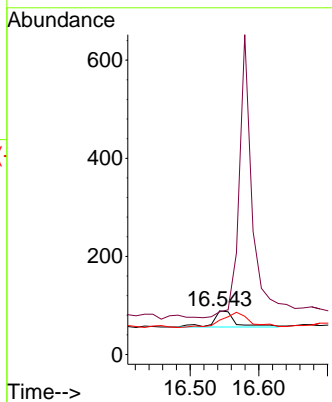
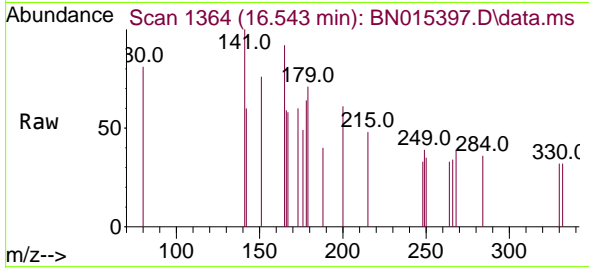




#23  
 Atrazine  
 Concen: 0.17 ng  
 RT: 16.543 min Scan# 1364  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

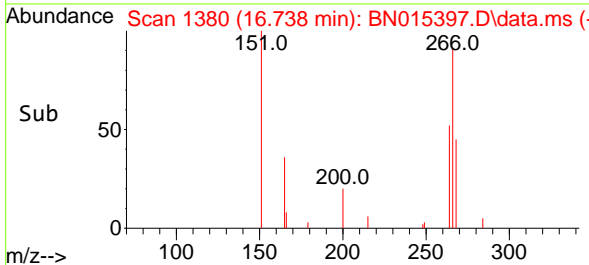
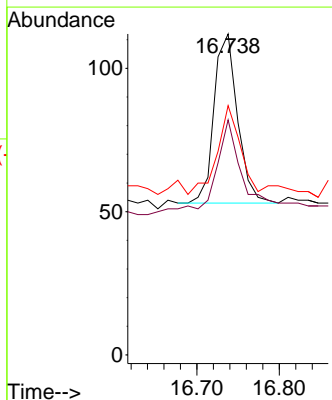
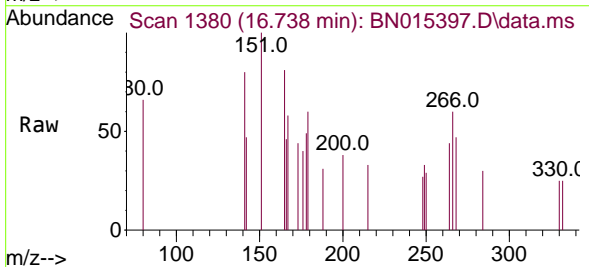
Instrument :  
 BNA\_N  
 ClientSampled :

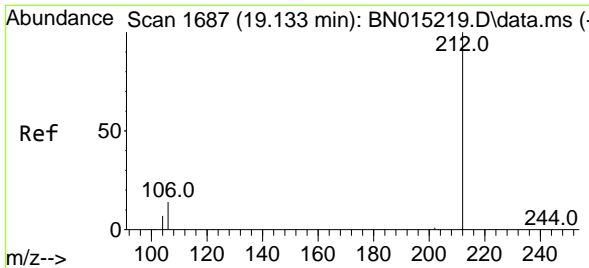
Tgt Ion	Resp	Lower	Upper
200	100		
173	97.8	21.7	32.5#
215	78.7	43.1	64.7#



#24  
 Pentachlorophenol  
 Concen: 0.25 ng  
 RT: 16.738 min Scan# 1380  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

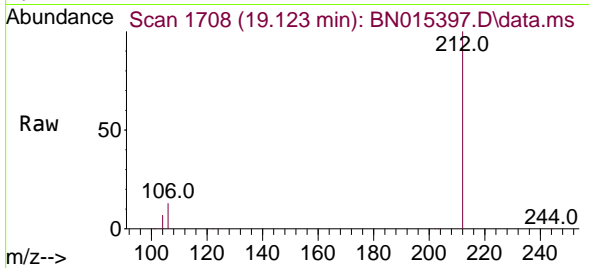
Tgt Ion	Resp	Lower	Upper
266	100		
264	56.4	51.0	76.4
268	53.0	50.6	76.0



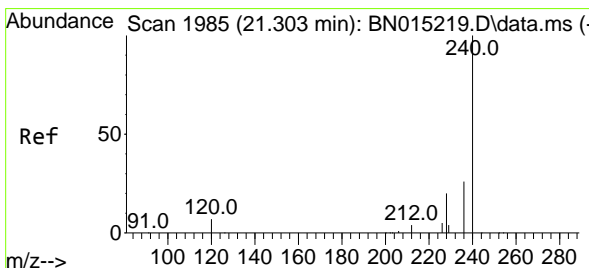
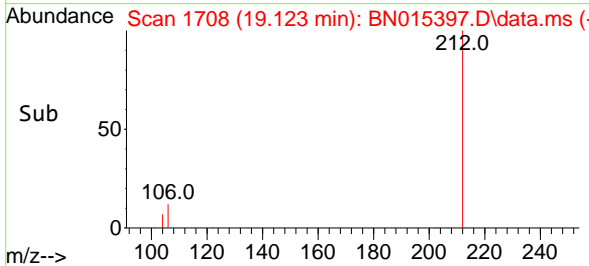
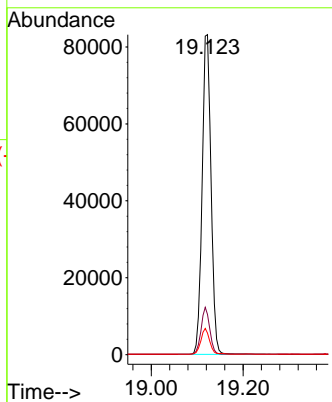


#27  
 Fluoranthene-d10  
 Concen: 0.38 ng  
 RT: 19.123 min Scan# 1708  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

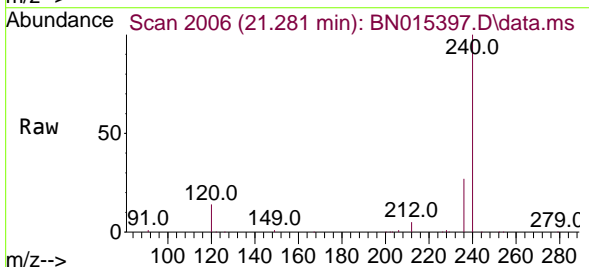
Instrument :  
 BNA\_N  
 ClientSampled :



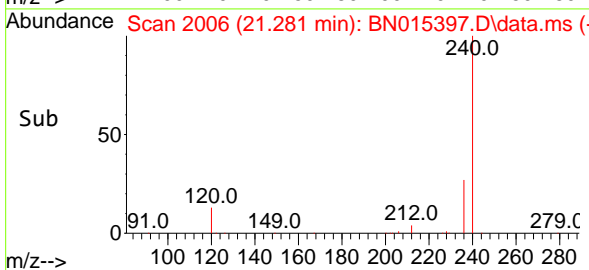
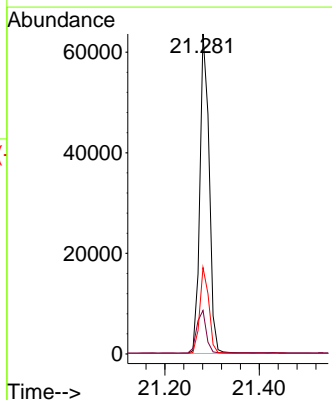
Tgt Ion:212 Resp: 111742  
 Ion Ratio Lower Upper  
 212 100  
 106 14.1 7.0 10.6#  
 104 8.0 4.1 6.1#

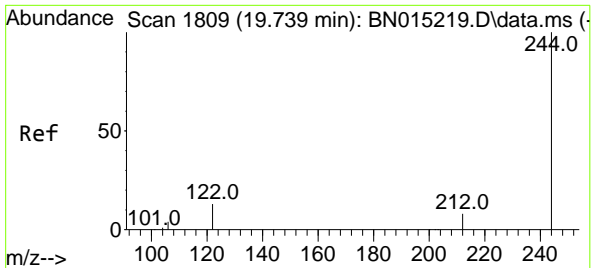


#29  
 Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.281 min Scan# 2006  
 Delta R.T. -0.010 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09



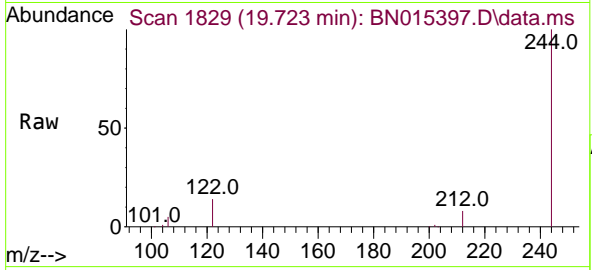
Tgt Ion:240 Resp: 87433  
 Ion Ratio Lower Upper  
 240 100  
 120 13.6 4.2 6.4#  
 236 27.0 21.4 32.2





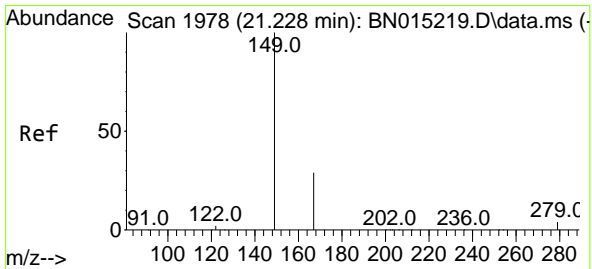
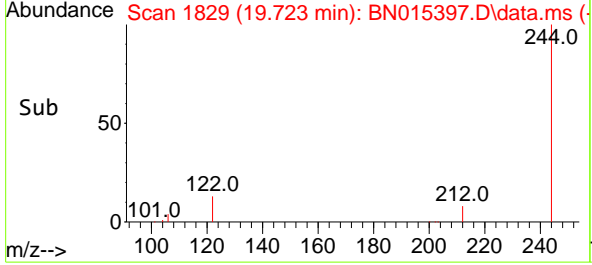
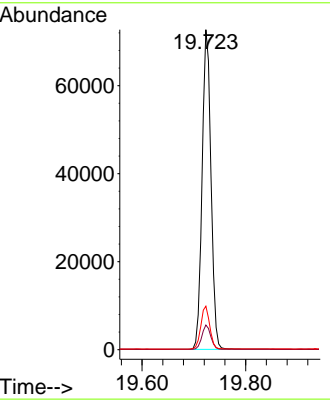
#31  
 Terphenyl-d14  
 Concen: 0.42 ng  
 RT: 19.723 min Scan# 1829  
 Delta R.T. -0.005 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Instrument :  
 BNA\_N  
 ClientSampled :

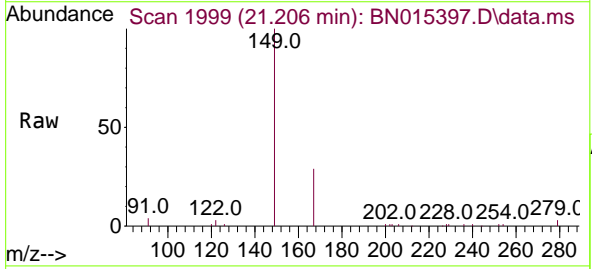


Tgt Ion:244 Resp: 86697

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	13.6	6.2	9.2#

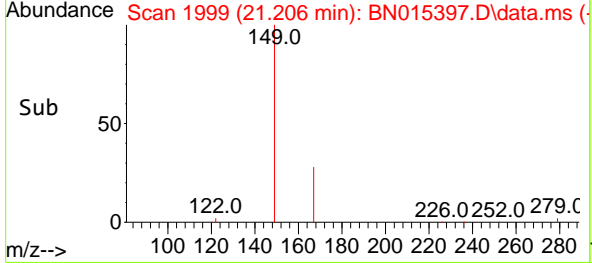
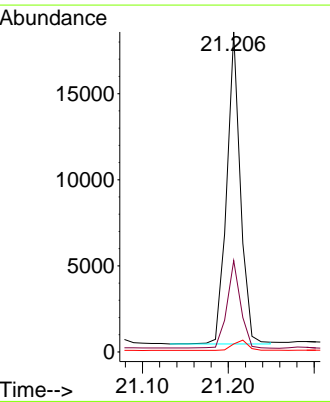


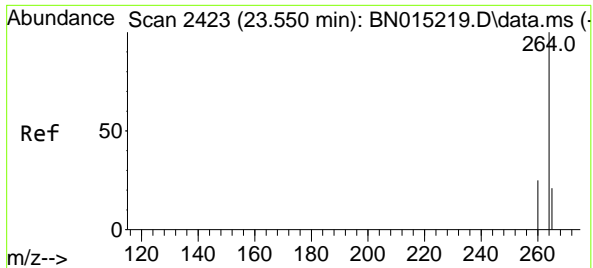
#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.34 ng  
 RT: 21.206 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09



Tgt Ion:149 Resp: 19970

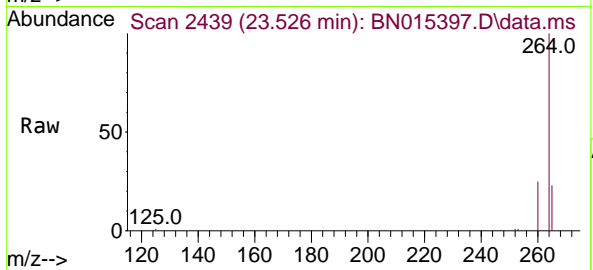
Ion	Ratio	Lower	Upper
149	100		
167	27.7	28.9	43.3#
279	3.6	4.9	7.3#





#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.526 min Scan# 2439  
 Delta R.T. -0.003 min  
 Lab File: BN015397.D  
 Acq: 08 Jul 2021 07:09

Instrument :  
 BNA\_N  
 ClientSampled :



Tgt Ion:264 Resp: 84646

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	31.0
265	22.6	21.4	32.2

