

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015319.D
 Acq On : 03 Jul 2021 06:07
 Operator : CG/JU
 Sample : M2838-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20210622

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Quant Time: Jul 03 06:38:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	25280	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	111392	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	58699	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	111212	0.40	ng	# 0.00
29) Chrysene-d12	21.281	240	78528	0.40	ng	#-0.02
35) Perylene-d12	23.529	264	63585	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	7559	0.12	ng	-0.02
5) Phenol-d6	6.896	99	5282	0.07	ng	0.00
8) Nitrobenzene-d5	8.861	82	21128	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	55784	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	5428	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	79743	0.33	ng	0.00
27) Fluoranthene-d10	19.128	212	132726	0.40	ng	0.00
31) Terphenyl-d14	19.728	244	100644	0.55	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.346	88	38713m	3.27	ng	Qvalue
24) Pentachlorophenol	16.750	266	460	0.28	ng	96
32) Benzo(a)anthracene	21.270	228	10659	0.04	ng	97
33) Chrysene	21.323	228	11268	0.04	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	41270	0.57	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.785	276	6056	0.03	ng	# 88
37) Benzo(b)fluoranthene	22.858	252	10521	0.04	ng	# 14
38) Benzo(k)fluoranthene	22.899	252	9839	0.04	ng	# 84
39) Benzo(a)pyrene	23.433	252	8833	0.04	ng	# 1
40) Dibenzo(a,h)anthracene	25.805	278	4554	0.03	ng	# 83
41) Benzo(g,h,i)perylene	26.473	276	5791	0.03	ng	# 82

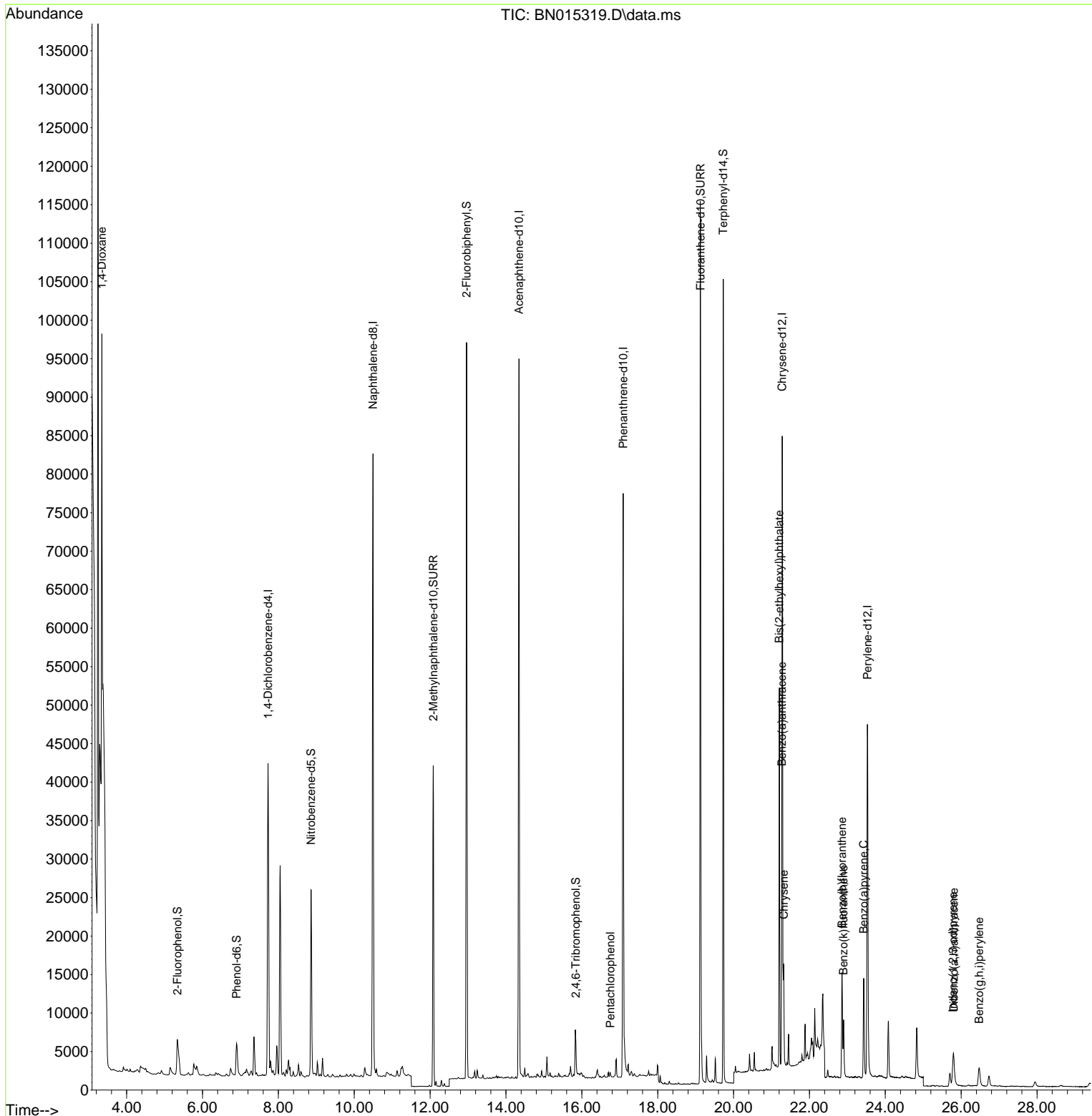
(#) = qualifier out of range (m) = manual integration (+) = signals summed

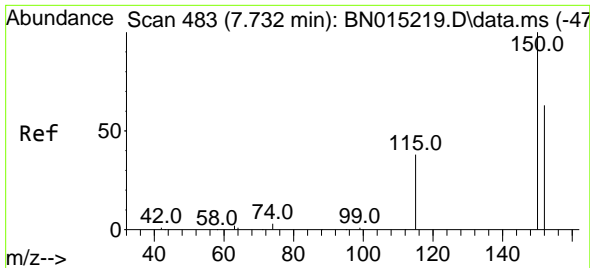
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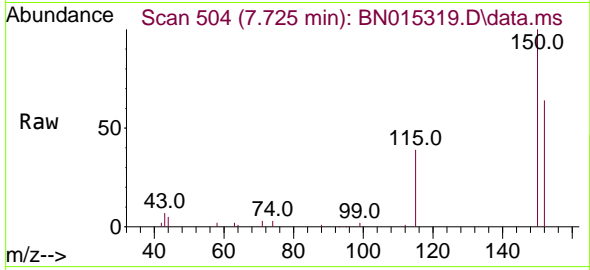
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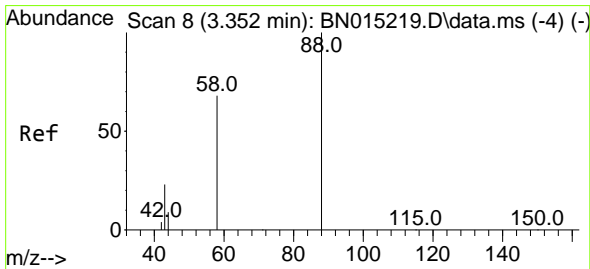
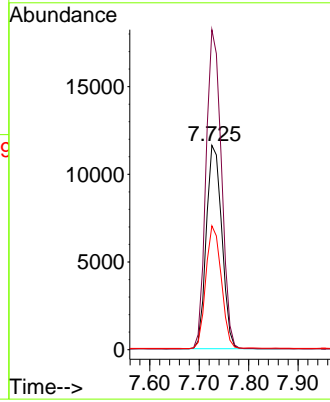
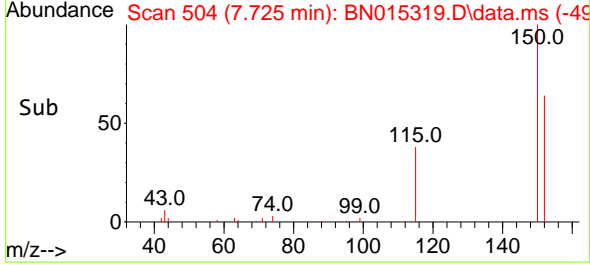
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. -0.007 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

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ClientSampleId :
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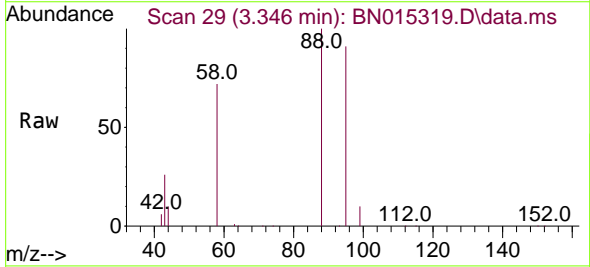


Tgt Ion:152 Resp: 25280
 Ion Ratio Lower Upper
 152 100
 150 156.6 119.0 178.6
 115 60.6 62.2 93.4#

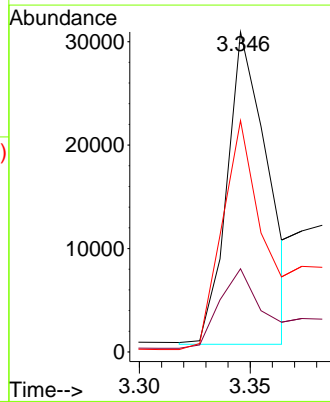
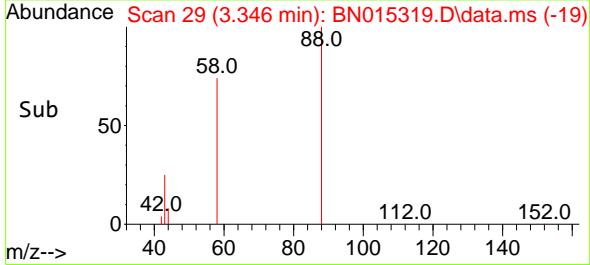
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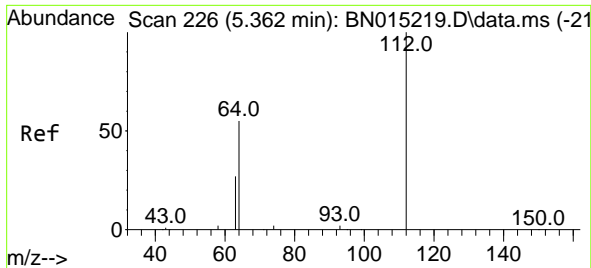


#2
 1,4-Dioxane
 Concen: 3.27 ng m
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



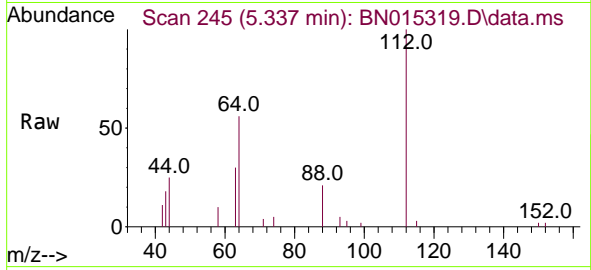
Tgt Ion: 88 Resp: 38713
 Ion Ratio Lower Upper
 88 100
 43 58.3 12.9 19.3#
 58 161.5 38.1 57.1#





#4
 2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.337 min Scan# 245
 Delta R.T. -0.025 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

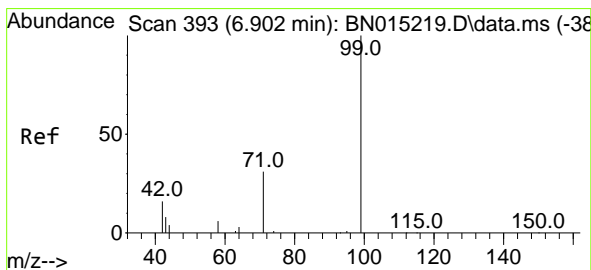
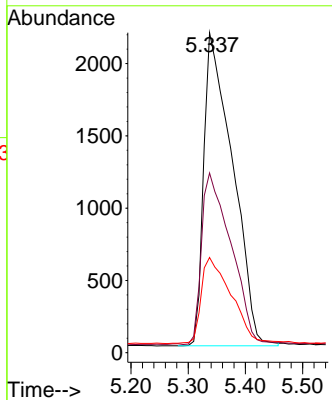
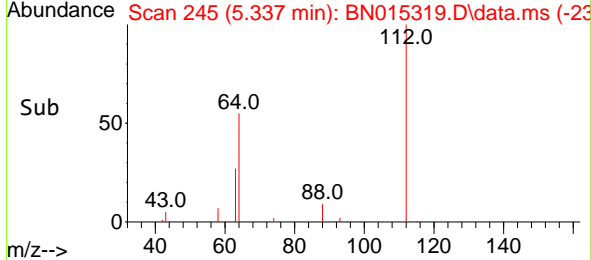
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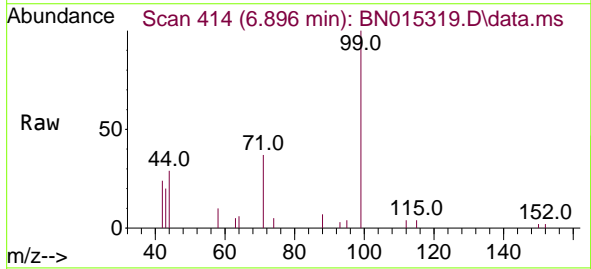
Tgt Ion: 112 Resp: 7559

Ion	Ratio	Lower	Upper
112	100		
64	56.2	39.0	58.6
63	28.4	20.6	30.8

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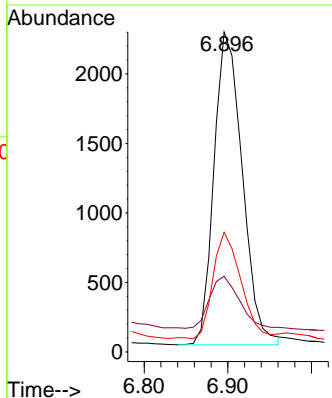
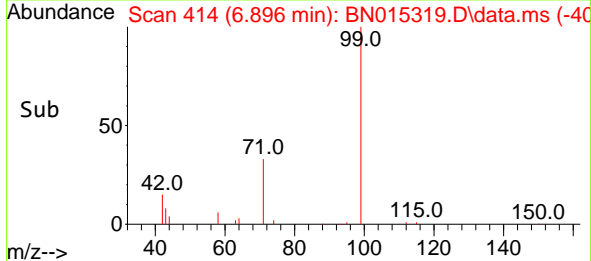


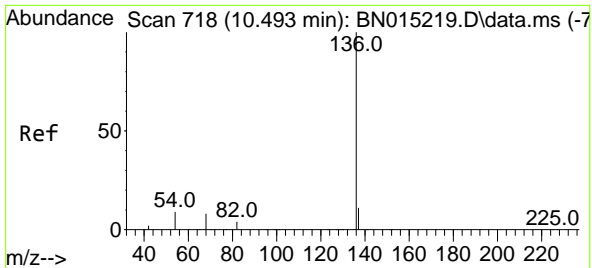
#5
 Phenol-d6
 Concen: 0.07 ng
 RT: 6.896 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



Tgt Ion: 99 Resp: 5282

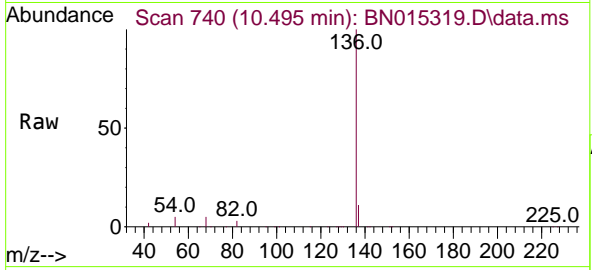
Ion	Ratio	Lower	Upper
99	100		
42	17.3	8.9	13.3#
71	33.3	35.6	53.4#





#7
 Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.495 min Scan# 740
 Delta R.T. 0.003 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

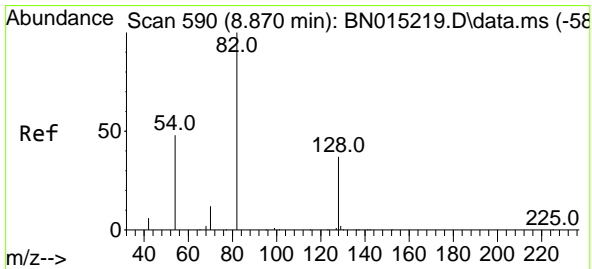
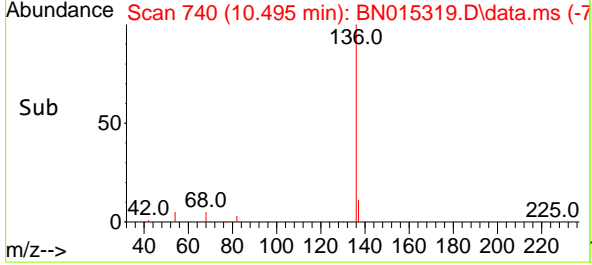
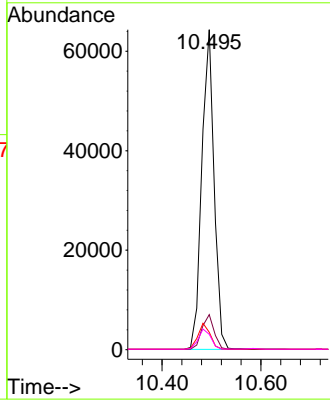
Instrument :
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 ClientSampleId :
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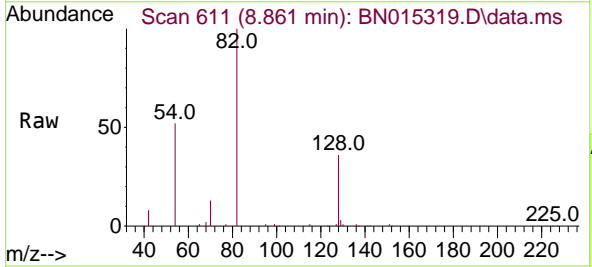
Tgt Ion: 136 Resp: 111392

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	5.5	5.4	8.2
68	4.8	4.9	7.3#

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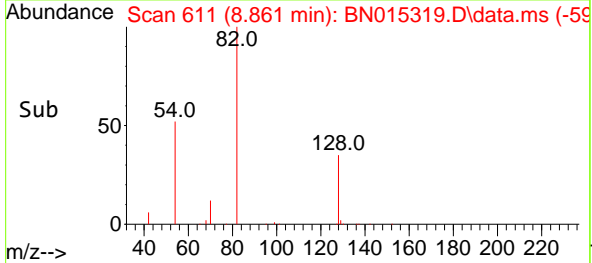
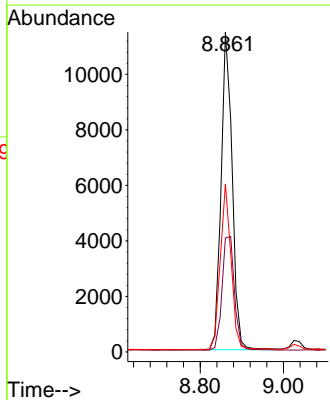


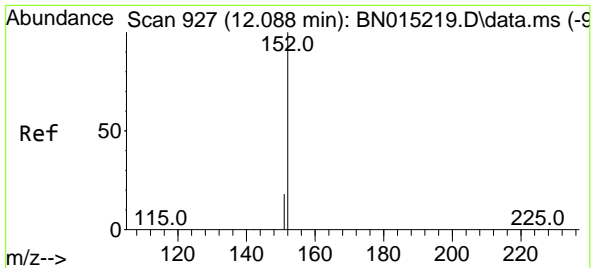
#8
 Nitrobenzene-d5
 Concen: 0.34 ng
 RT: 8.861 min Scan# 611
 Delta R.T. -0.009 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



Tgt Ion: 82 Resp: 21128

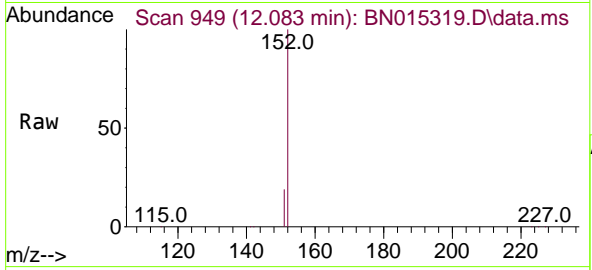
Ion	Ratio	Lower	Upper
82	100		
128	35.7	31.6	47.4
54	52.5	29.0	43.4#





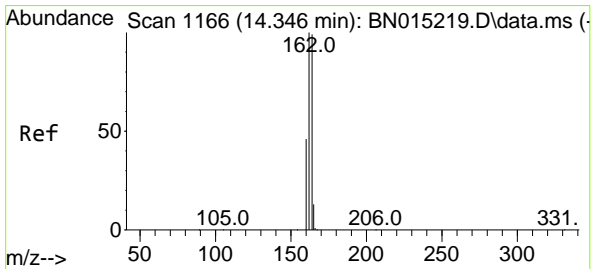
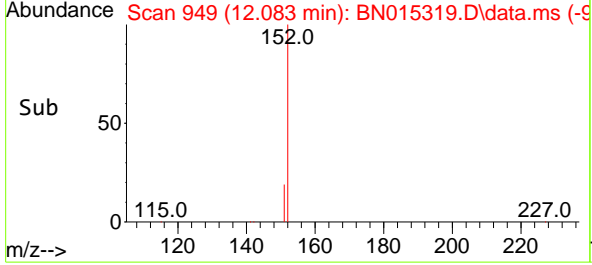
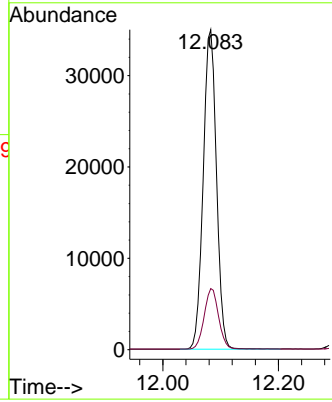
#11
 2-Methylnaphthalene-d10
 Concen: 0.30 ng
 RT: 12.083 min Scan# 949
 Delta R.T. -0.005 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

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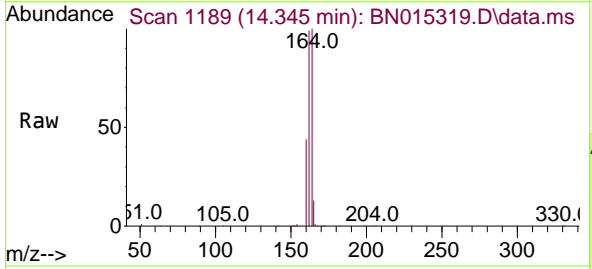


Tgt Ion:152 Resp: 55784
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.7 25.1

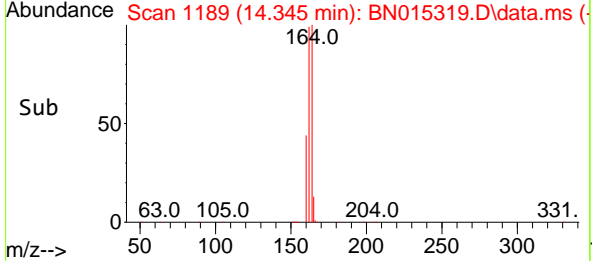
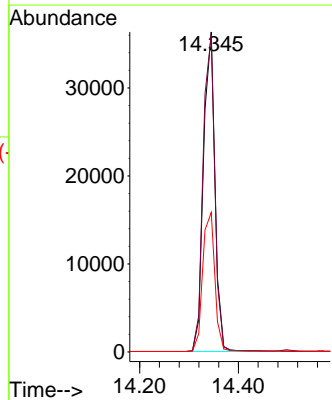
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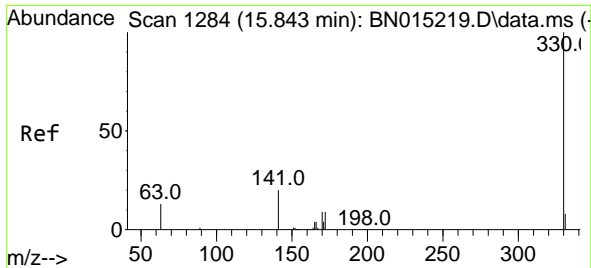


#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.345 min Scan# 1189
 Delta R.T. -0.001 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



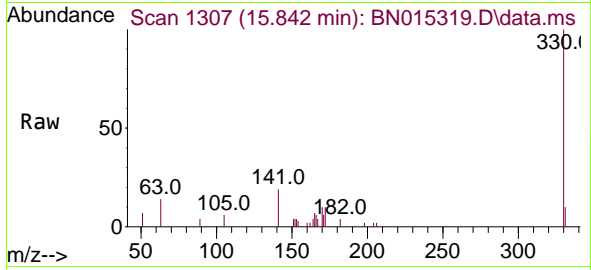
Tgt Ion:164 Resp: 58699
 Ion Ratio Lower Upper
 164 100
 162 99.0 83.8 125.6
 160 43.6 37.4 56.0





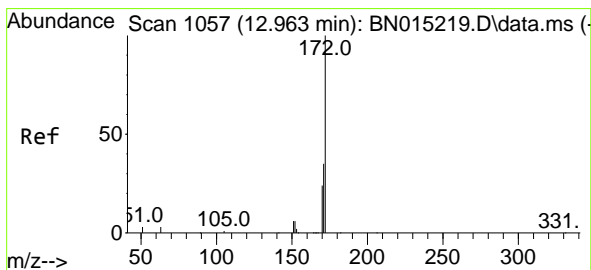
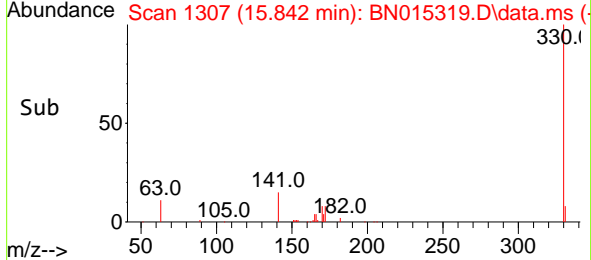
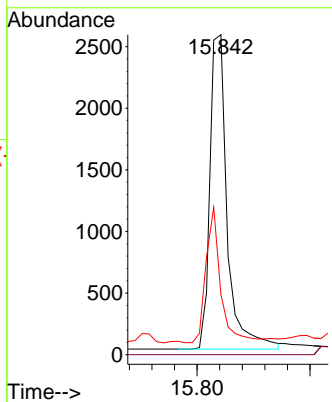
#14
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 15.842 min Scan# 1307
 Delta R.T. -0.001 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

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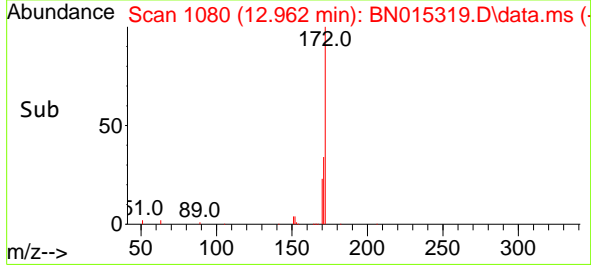
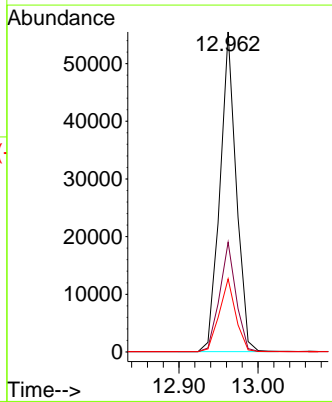
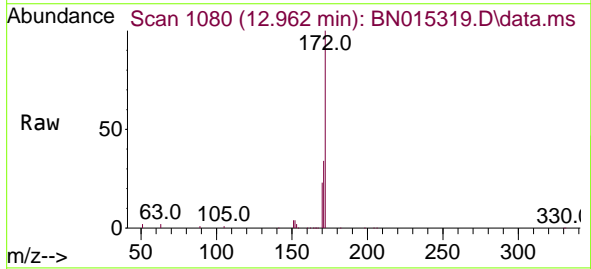
Tgt Ion: 330 Resp: 5428
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.6 22.4 33.6#

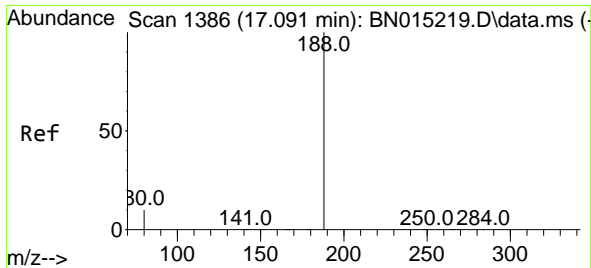
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#15
 2-Fluorobiphenyl
 Concen: 0.33 ng
 RT: 12.962 min Scan# 1080
 Delta R.T. -0.001 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

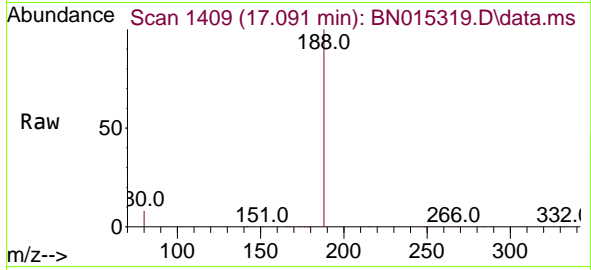
Tgt Ion: 172 Resp: 79743
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.6 45.8
 170 22.8 20.2 30.4





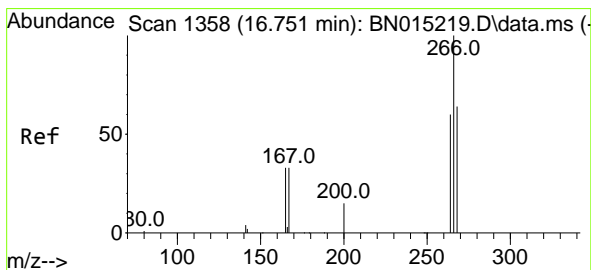
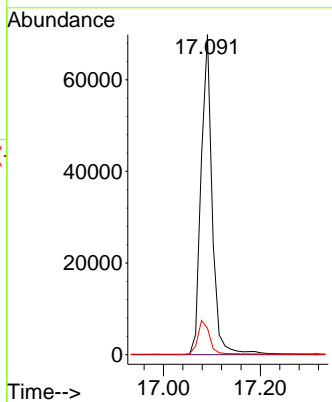
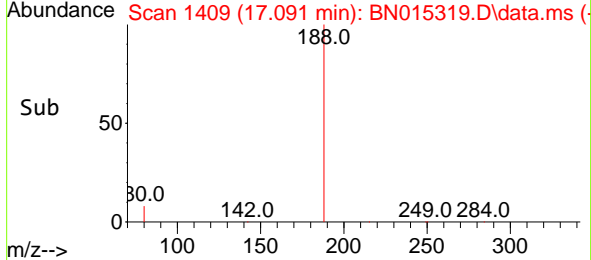
#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.091 min Scan# 1409
 Delta R.T. -0.000 min
 Lab File: BN015319.D
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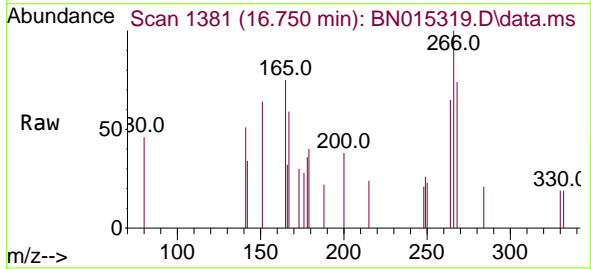


Tgt Ion:188 Resp: 111212
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 9.0 13.4#

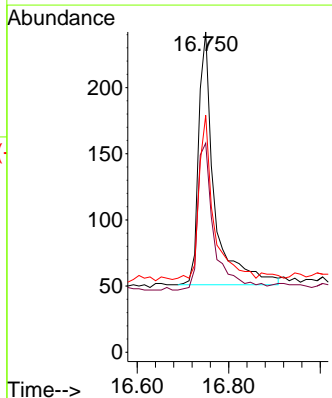
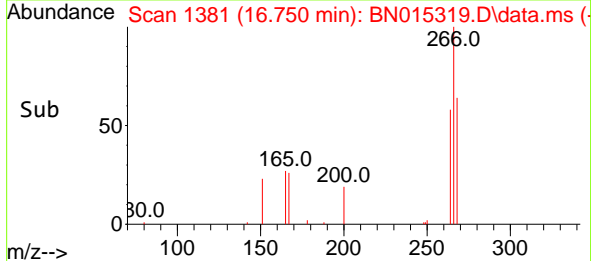
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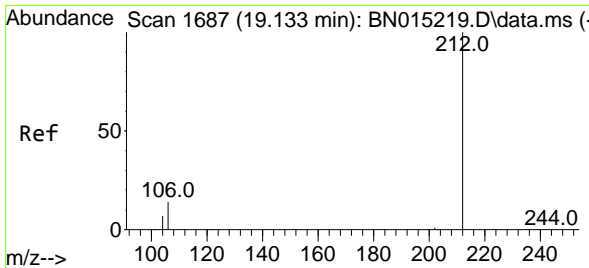


#24
 Pentachlorophenol
 Concen: 0.28 ng
 RT: 16.750 min Scan# 1381
 Delta R.T. -0.001 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



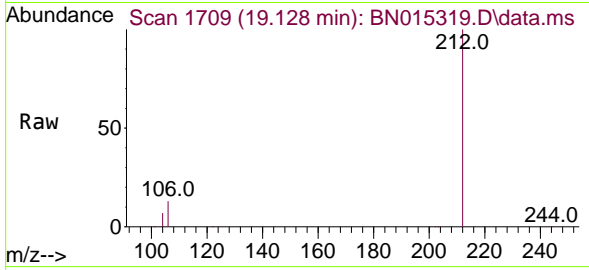
Tgt Ion:266 Resp: 460
 Ion Ratio Lower Upper
 266 100
 264 60.9 51.0 76.4
 268 59.6 50.6 76.0





#27
 Fluoranthene-d10
 Concen: 0.40 ng
 RT: 19.128 min Scan# 1709
 Delta R.T. -0.005 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

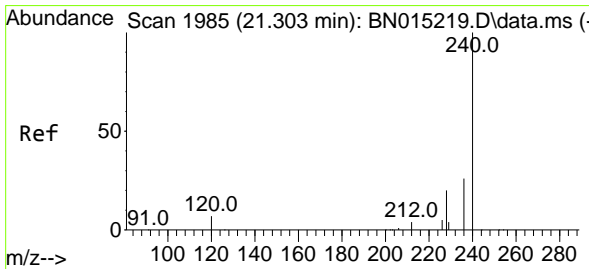
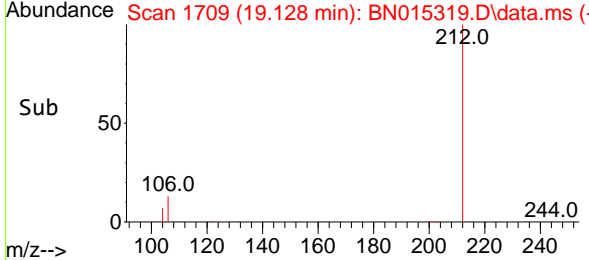
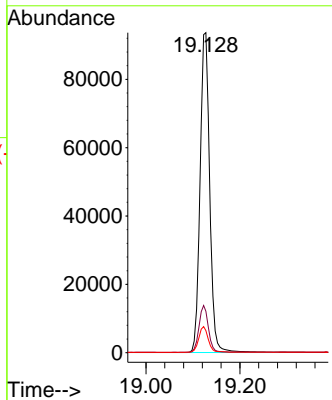
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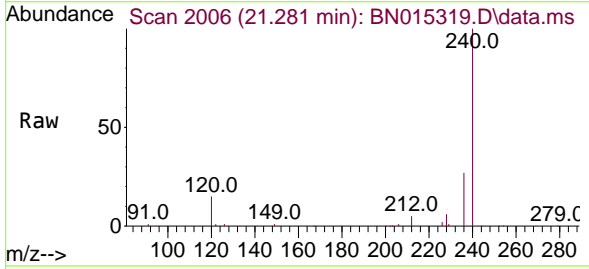
Tgt Ion: 212 Resp: 132726

Ion	Ratio	Lower	Upper
212	100		
106	14.3	7.0	10.6#
104	7.9	4.1	6.1#

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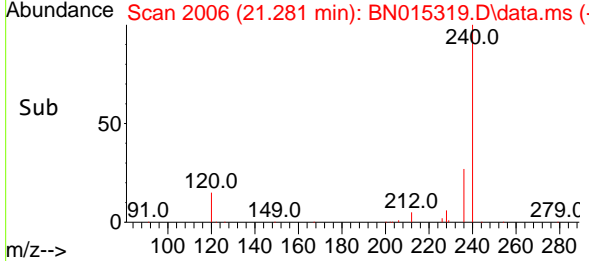
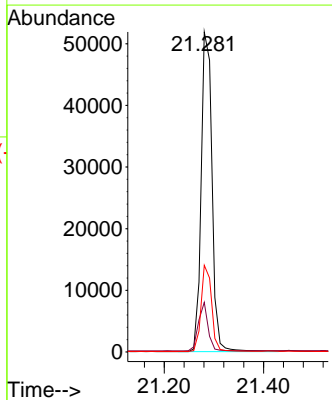


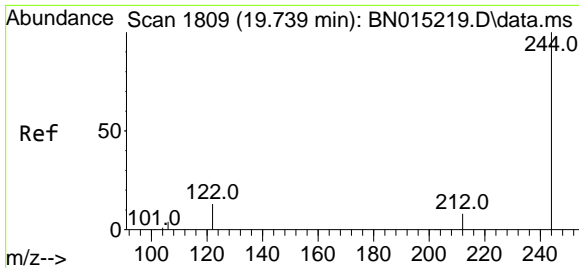
#29
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.281 min Scan# 2006
 Delta R.T. -0.022 min
 Lab File: BN015319.D
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Tgt Ion: 240 Resp: 78528

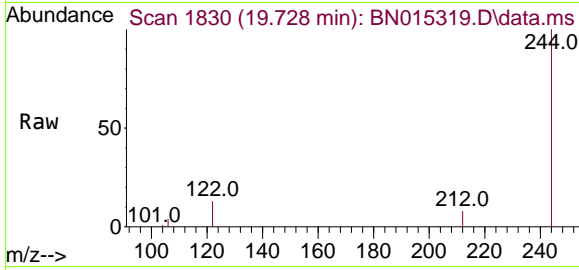
Ion	Ratio	Lower	Upper
240	100		
120	15.5	4.2	6.4#
236	27.1	21.4	32.2





#31
 Terphenyl-d14
 Concen: 0.55 ng
 RT: 19.728 min Scan# 1830
 Delta R.T. -0.011 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

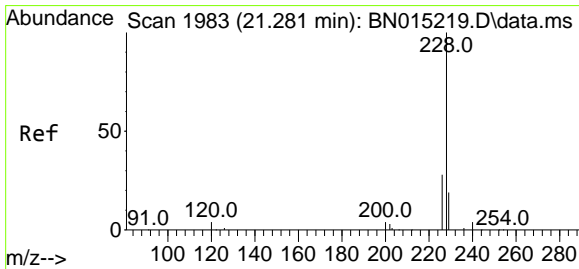
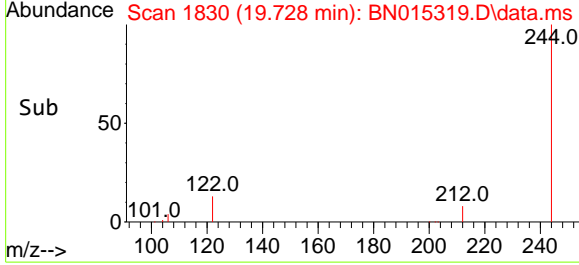
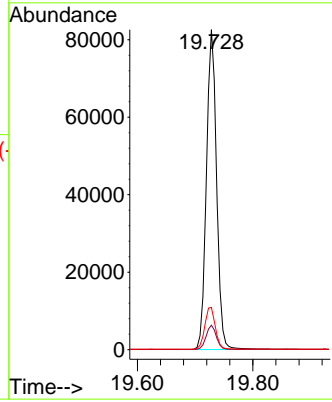
Instrument :
 BNA_N
ClientSampled :
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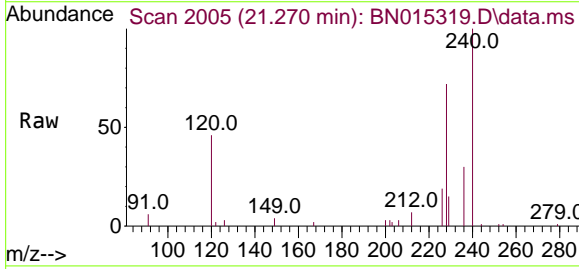
Tgt Ion:244 Resp: 100644

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	13.2	6.2	9.2#

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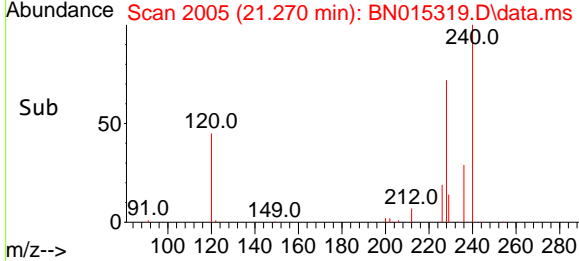
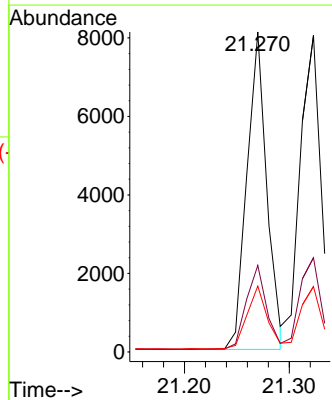


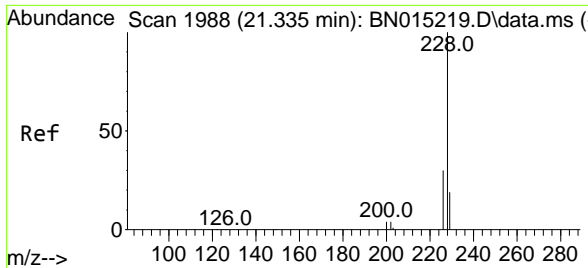
#32
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.270 min Scan# 2005
 Delta R.T. -0.011 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



Tgt Ion:228 Resp: 10659

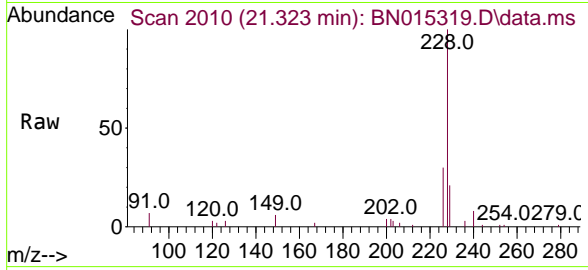
Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.0	34.6
229	20.6	15.7	23.5





#33
 Chrysene
 Concen: 0.04 ng
 RT: 21.323 min Scan# 2010
 Delta R.T. -0.012 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

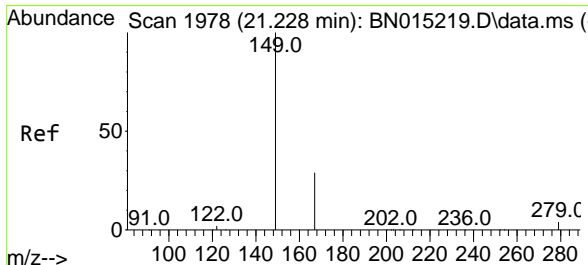
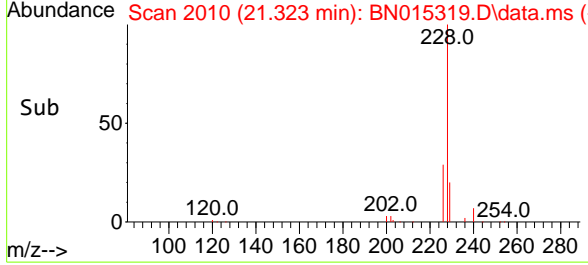
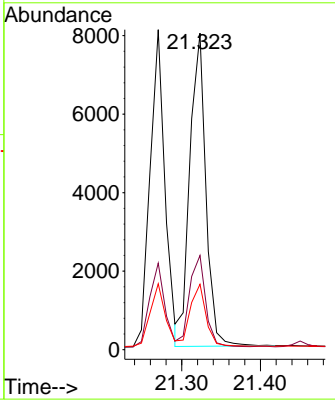
Instrument :
 BNA_N
ClientSampleId :
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Tgt Ion: 228 Resp: 11268

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.7	15.9	23.9

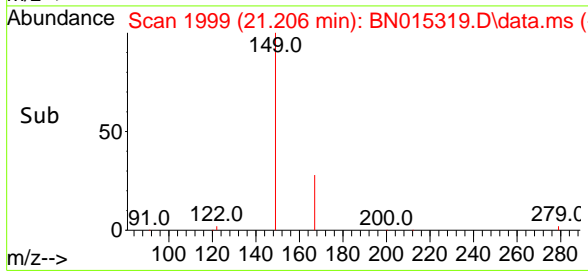
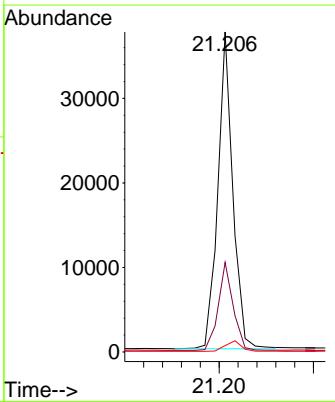
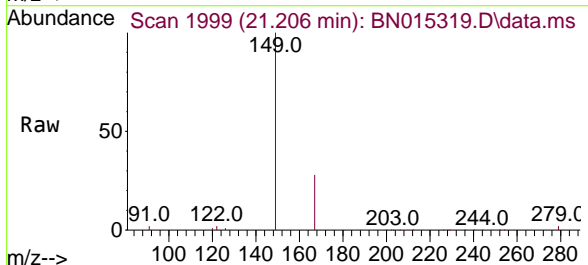
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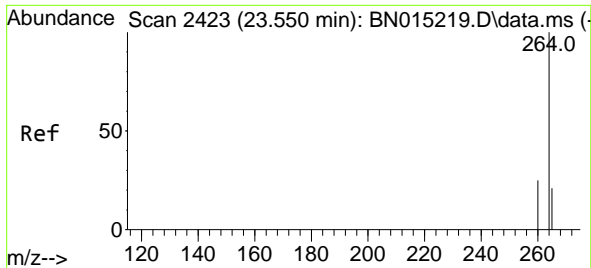


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.57 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.022 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

Tgt Ion: 149 Resp: 41270

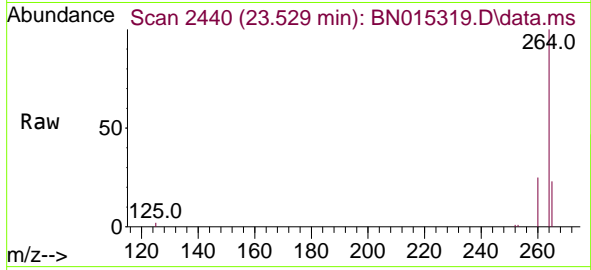
Ion	Ratio	Lower	Upper
149	100		
167	27.7	28.9	43.3#
279	3.6	4.9	7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.529 min Scan# 2440
 Delta R.T. -0.021 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

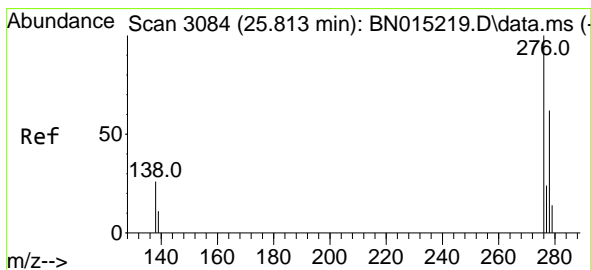
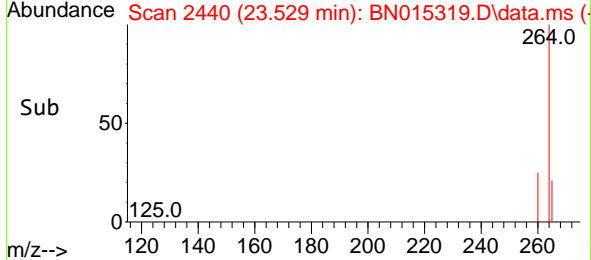
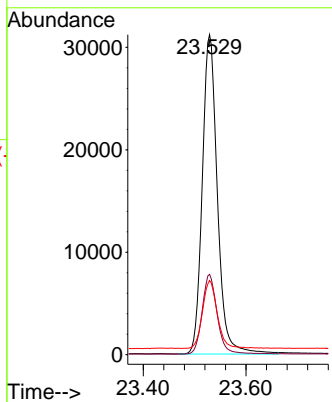
Instrument :
 BNA_N
ClientSampleId :
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Tgt Ion: 264 Resp: 63585

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	31.0
265	23.2	21.4	32.2

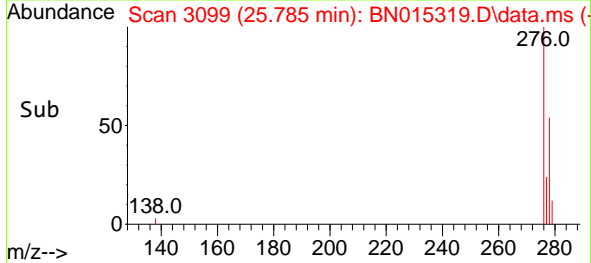
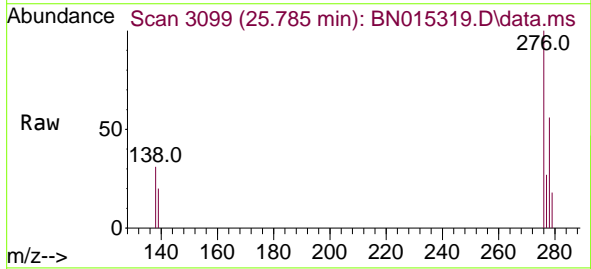
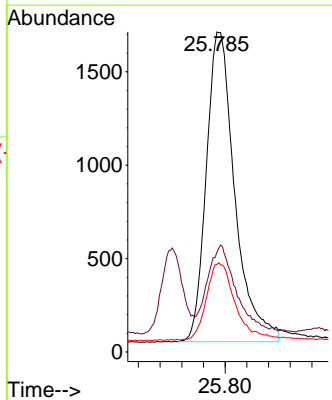
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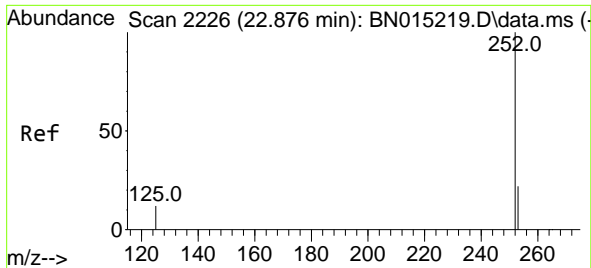


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.785 min Scan# 3099
 Delta R.T. -0.028 min
 Lab File: BN015319.D
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Tgt Ion: 276 Resp: 6056

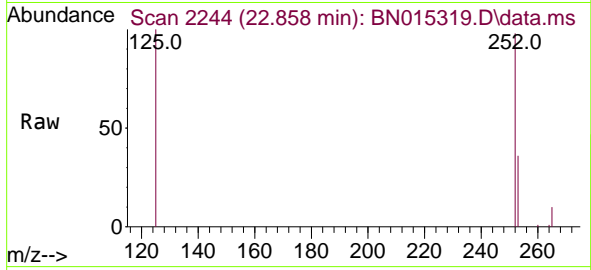
Ion	Ratio	Lower	Upper
276	100		
138	25.8	10.0	15.0#
277	25.0	20.4	30.6





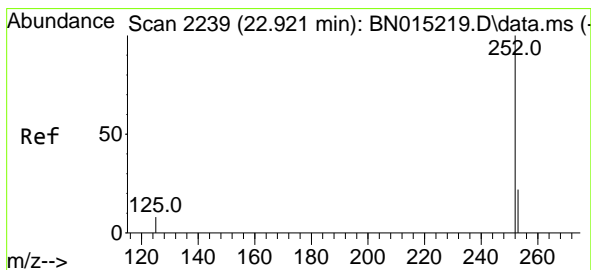
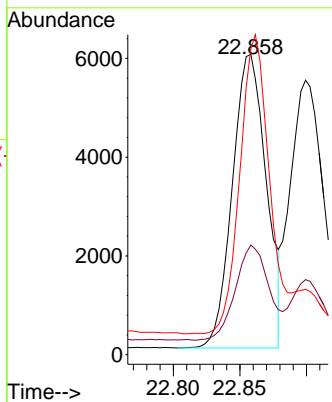
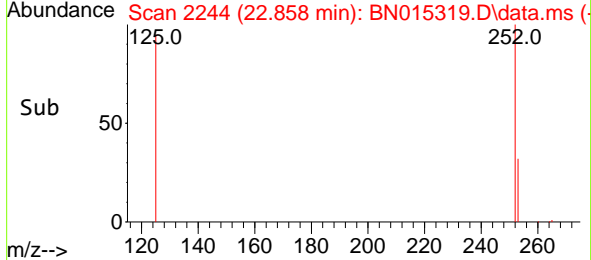
#37
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 22.858 min Scan# 2244
 Delta R.T. -0.018 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

Instrument :
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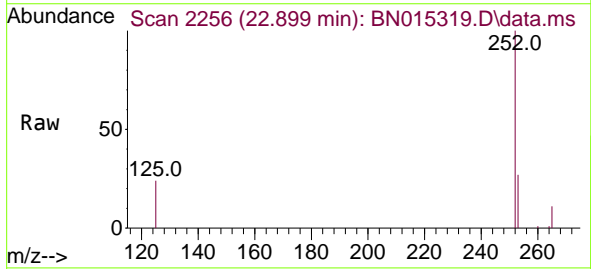


Tgt Ion:252 Resp: 10521
 Ion Ratio Lower Upper
 252 100
 253 36.5 18.5 27.7#
 125 101.9 5.8 8.6#

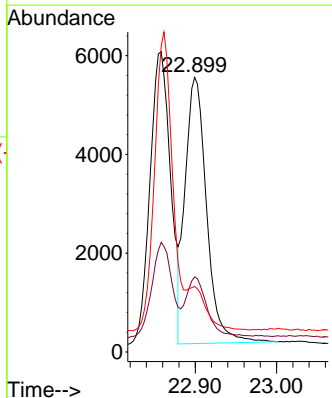
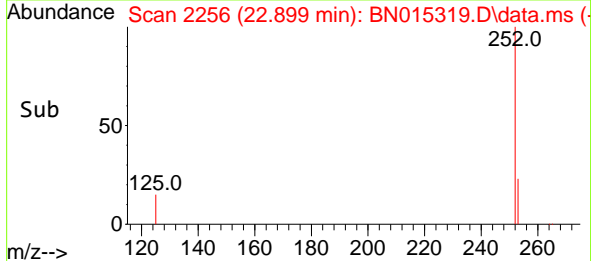
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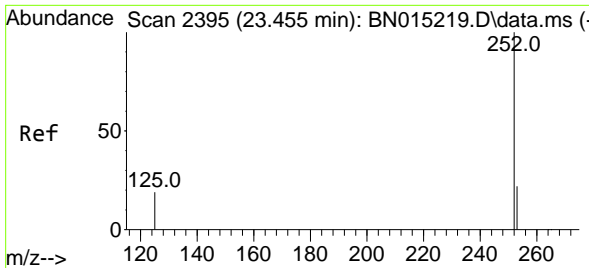


#38
 Benzo(k)fluoranthene
 Concen: 0.04 ng
 RT: 22.899 min Scan# 2256
 Delta R.T. -0.021 min
 Lab File: BN015319.D
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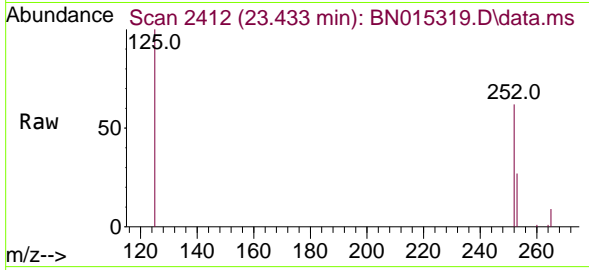
Tgt Ion:252 Resp: 9839
 Ion Ratio Lower Upper
 252 100
 253 27.3 19.1 28.7
 125 23.8 5.4 8.0#





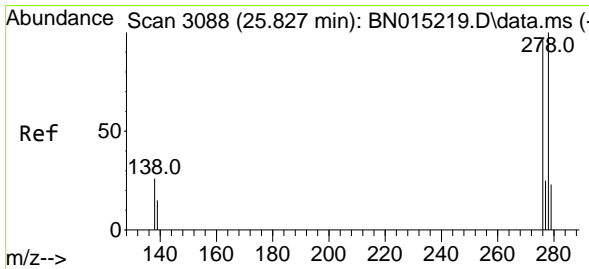
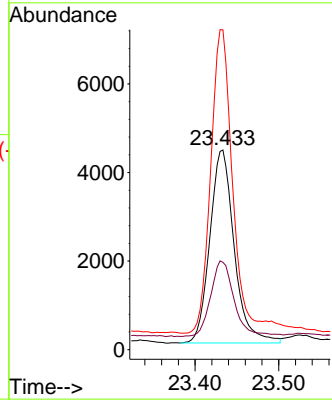
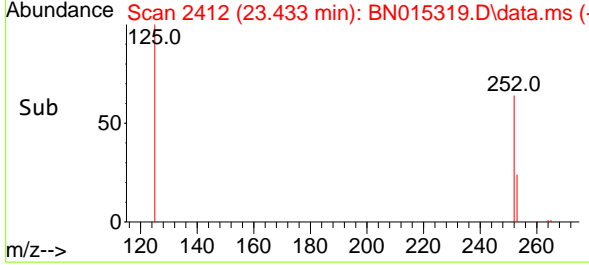
#39
 Benzo(a)pyrene
 Concen: 0.04 ng
 RT: 23.433 min Scan# 2412
 Delta R.T. -0.021 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

Instrument :
 BNA_N
ClientSampled :
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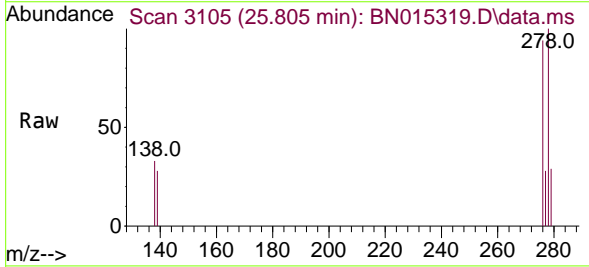


Tgt Ion:252 Resp: 8833
 Ion Ratio Lower Upper
 252 100
 253 43.8 19.4 29.2#
 125 160.2 7.4 11.2#

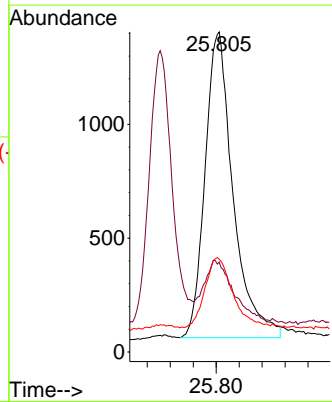
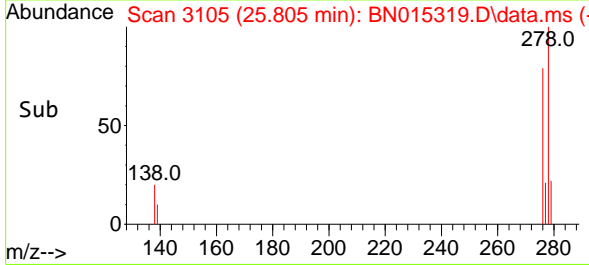
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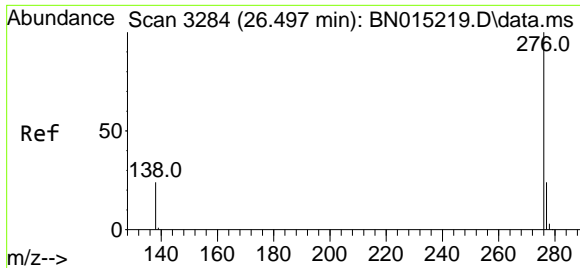


#40
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng
 RT: 25.805 min Scan# 3105
 Delta R.T. -0.021 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07



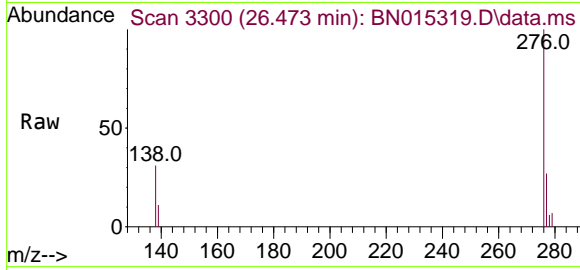
Tgt Ion:278 Resp: 4554
 Ion Ratio Lower Upper
 278 100
 139 28.1 9.0 13.4#
 279 28.9 21.0 31.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.03 ng
 RT: 26.473 min Scan# 3300
 Delta R.T. -0.025 min
 Lab File: BN015319.D
 Acq: 03 Jul 2021 06:07

Instrument :
 BNA_N
ClientSampled :
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Tgt Ion: 276 Resp: 5791

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.7	29.5
138	30.6	9.8	14.6#

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