

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
 Data File : BN027218.D
 Acq On : 28 Aug 2023 15:35
 Operator : MA/JU
 Sample : 04024-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20230815

Quant Time: Aug 29 03:24:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 03:21:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

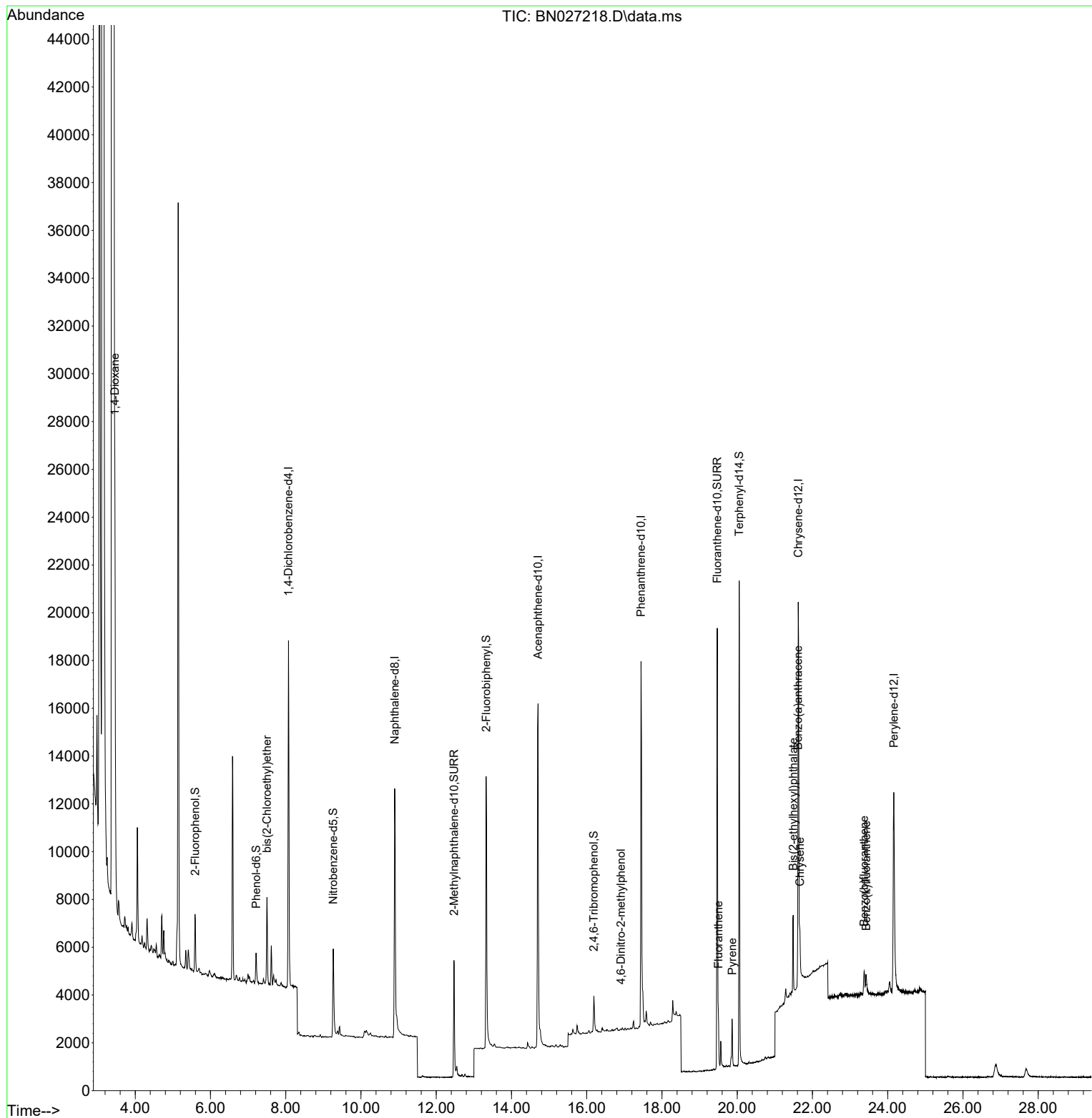
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	7143	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	16835	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	10434	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	23962	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	18007	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	15525	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2029	0.101	ng	0.00
5) Phenol-d6	7.214	99	1372	0.055	ng	0.00
8) Nitrobenzene-d5	9.262	82	3461	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7535	0.282	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1005	0.181	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	11634	0.300	ng	0.00
27) Fluoranthene-d10	19.467	212	21463	0.349	ng	0.00
31) Terphenyl-d14	20.052	244	19550	0.520	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	6889	0.897	ng	# 93
6) bis(2-Chloroethyl)ether	7.503	93	2643	0.126	ng	93
20) 4,6-Dinitro-2-methylph...	16.909	198	11	0.029	ng	# 1
28) Fluoranthene	19.500	202	1853	0.023	ng	95
30) Pyrene	19.867	202	1850	0.027	ng	98
32) Benzo(a)anthracene	21.614	228	1438	0.022	ng	# 89
33) Chrysene	21.668	228	1670	0.025	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.488	149	3643	0.078	ng	# 96
37) Benzo(b)fluoranthene	23.373	252	1538	0.030	ng	# 6
38) Benzo(k)fluoranthene	23.425	252	1334	0.025	ng	# 1

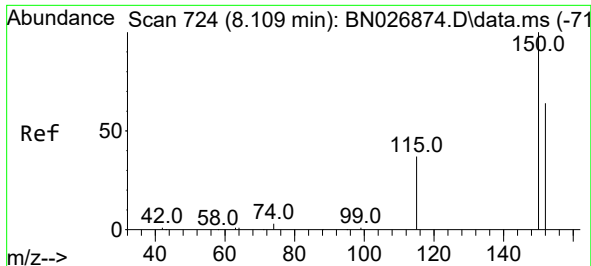
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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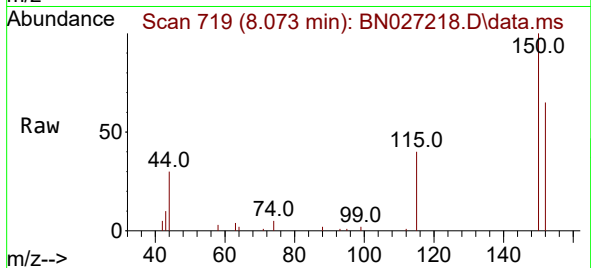
Quant Time: Aug 29 03:24:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
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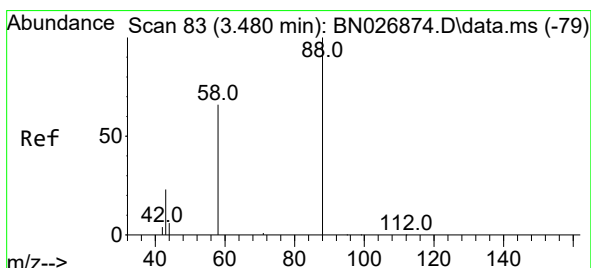
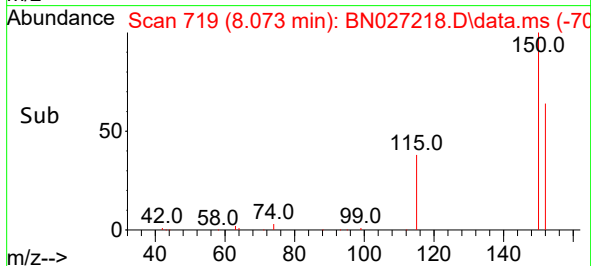
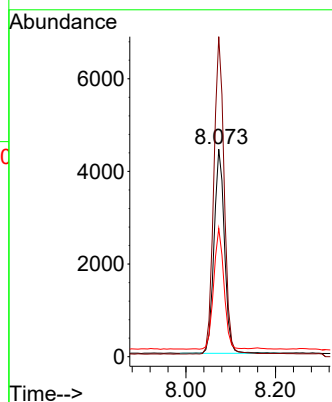


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

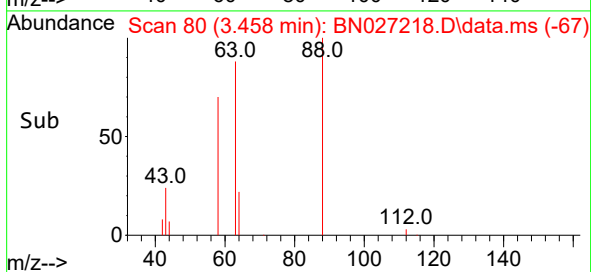
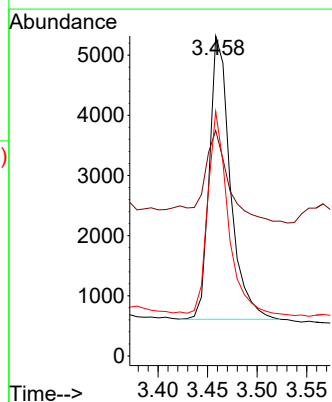
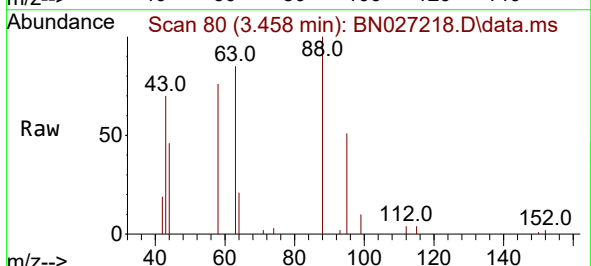


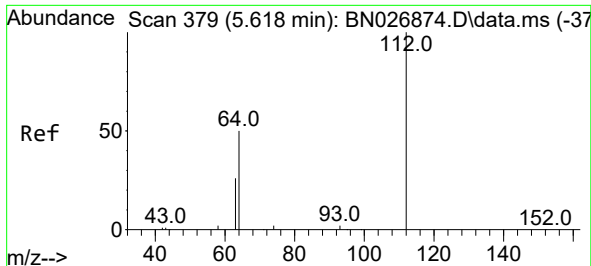
Tgt Ion:152 Resp: 7143
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 61.9 49.7 74.5



#2
1,4-Dioxane
Concen: 0.897 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion: 88 Resp: 6889
Ion Ratio Lower Upper
88 100
43 35.0 19.2 28.8#
58 68.9 54.5 81.7

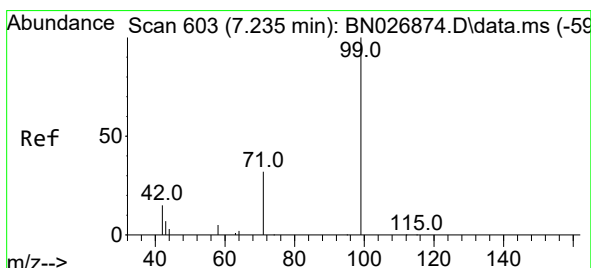
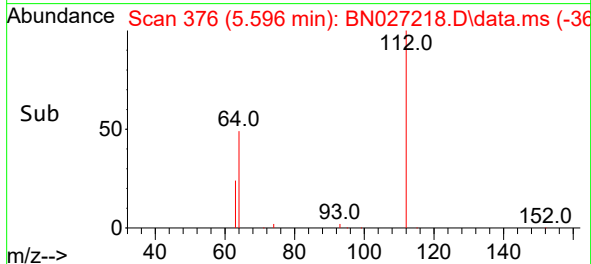
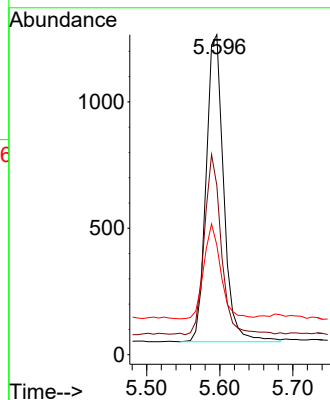
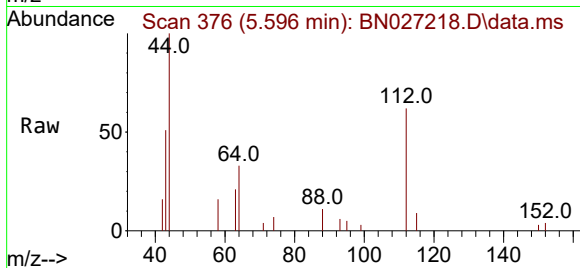




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.596 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

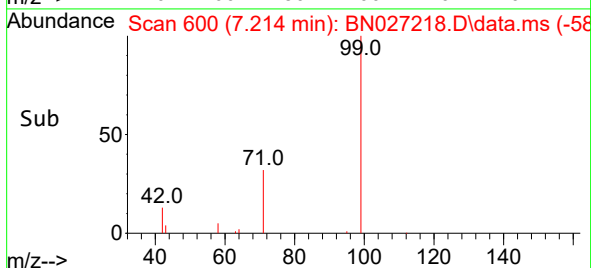
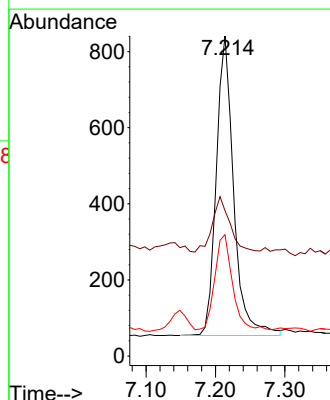
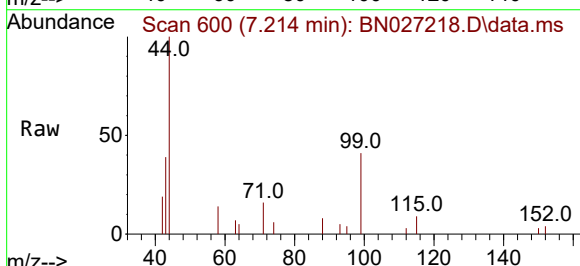
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ClientSampleId :
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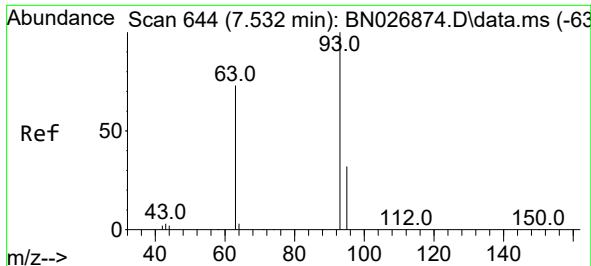
Tgt Ion:	112	Resp:	2029
Ion	Ratio	Lower	Upper
112	100		
64	55.9	41.5	62.3
63	29.7	21.7	32.5



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.214 min Scan# 600
Delta R.T. 0.007 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:	99	Resp:	1372
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.6	20.4
71	31.8	26.0	39.0

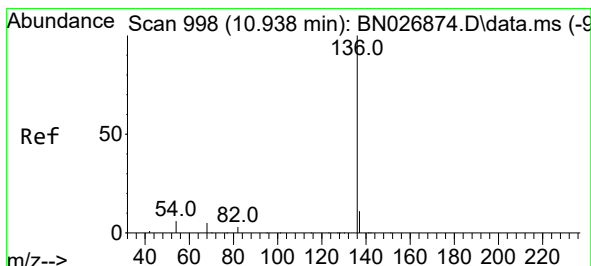
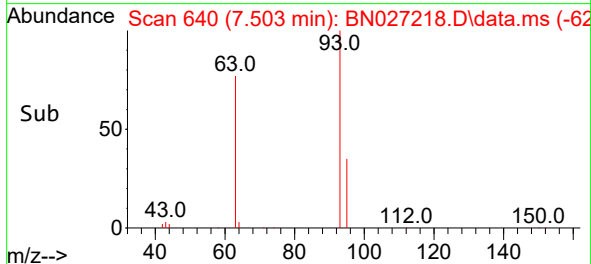
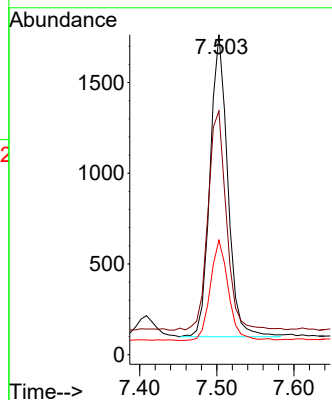
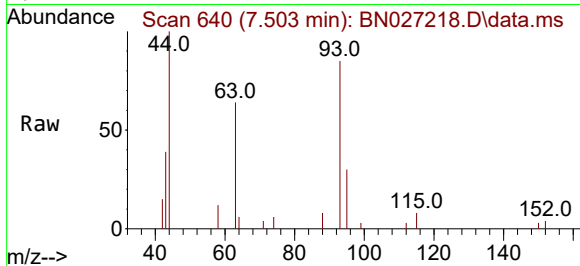




#6
bis(2-Chloroethyl)ether
Concen: 0.126 ng
RT: 7.503 min Scan# 644
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

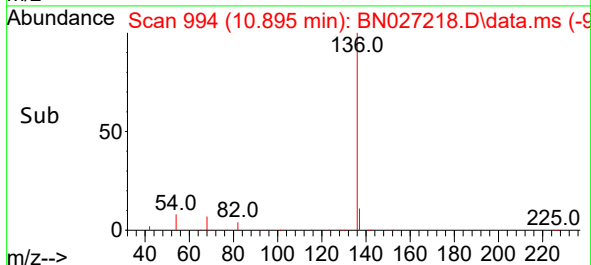
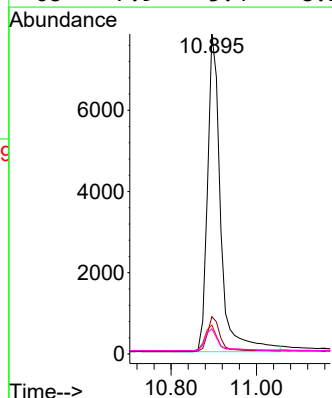
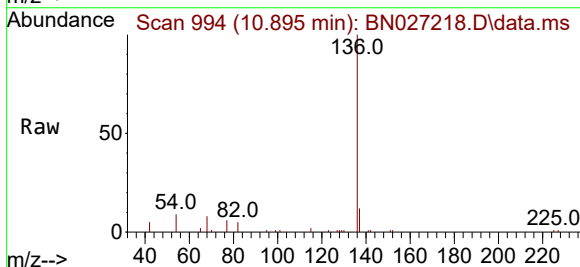
Instrument :
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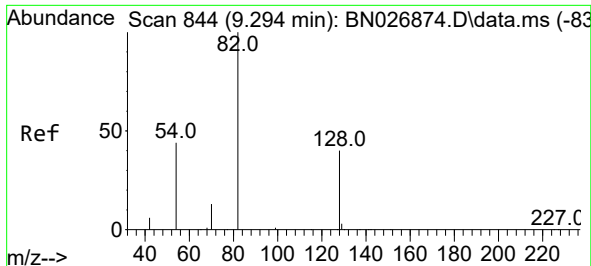
Tgt Ion: 93	Resp:	2643	
Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.0	82.4
95	34.1	26.2	39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt	Ion:136	Resp:	16835
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	9.0	5.5	8.3#
68	7.9	5.4	8.2

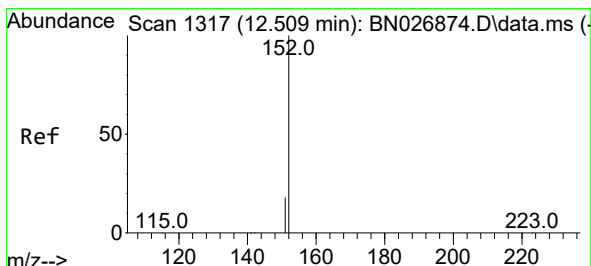
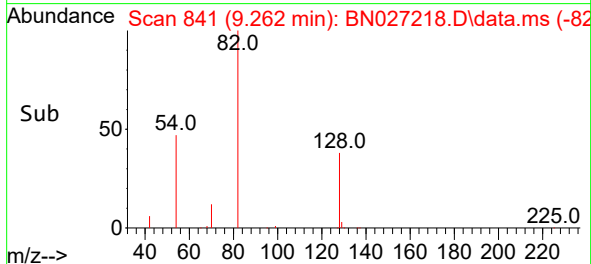
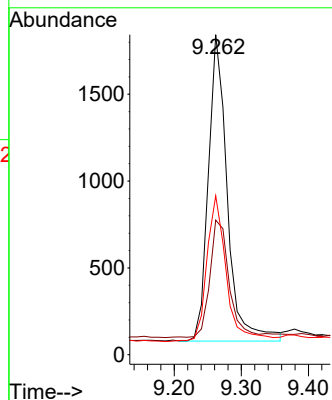
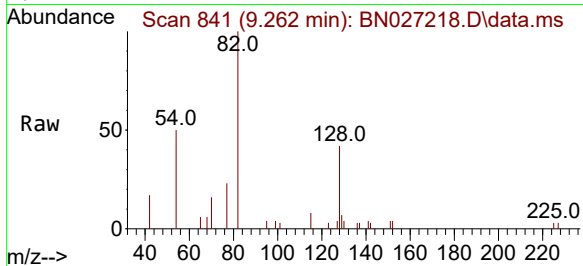




#8
 Nitrobenzene-d5
 Concen: 0.243 ng
 RT: 9.262 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BN027218.D
 Acq: 28 Aug 2023 15:35

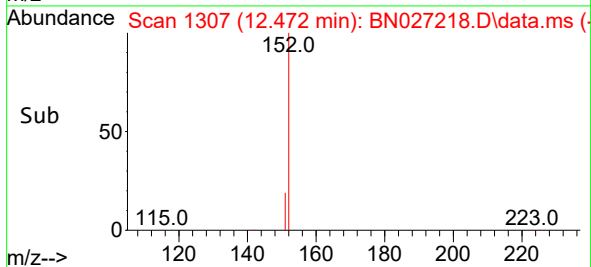
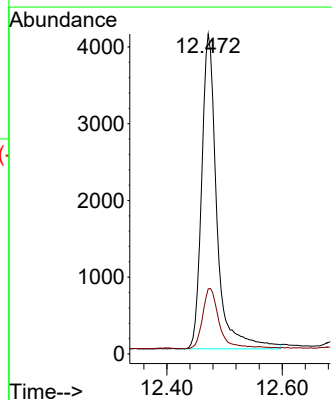
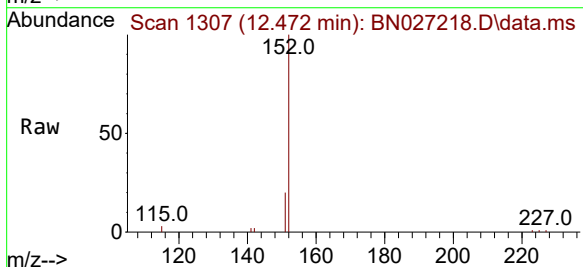
Instrument :
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 ClientSampleId :
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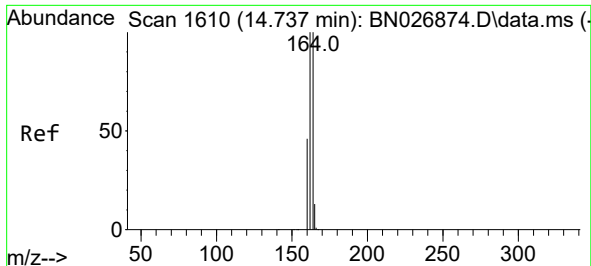
Tgt Ion:	82	Resp:	3461
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.1	51.1
54	49.6	37.0	55.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.282 ng
 RT: 12.472 min Scan# 1307
 Delta R.T. -0.000 min
 Lab File: BN027218.D
 Acq: 28 Aug 2023 15:35

Tgt Ion:	152	Resp:	7535
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5

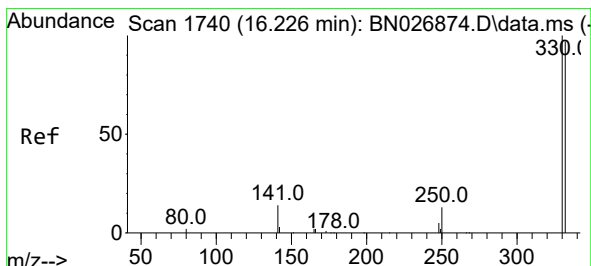
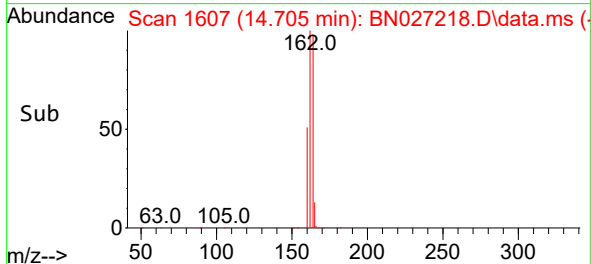
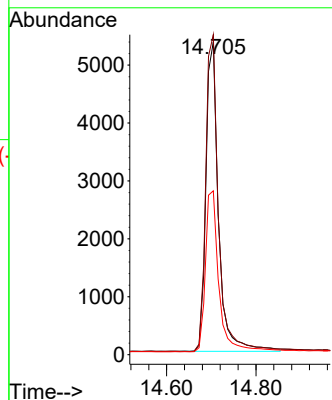
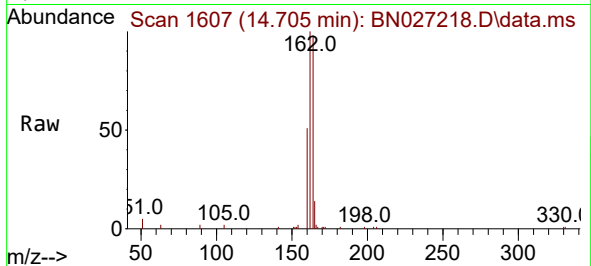




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

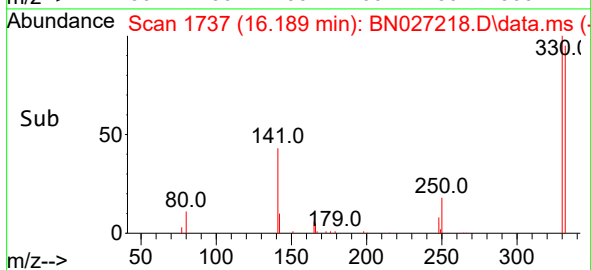
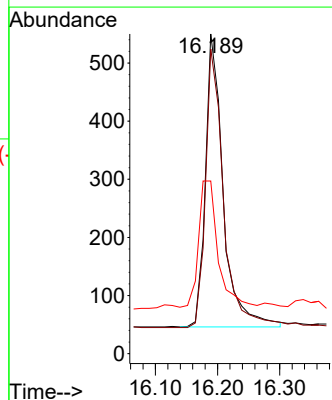
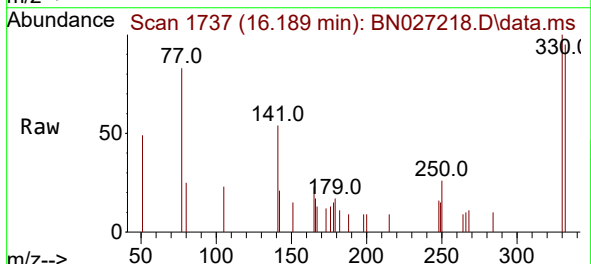
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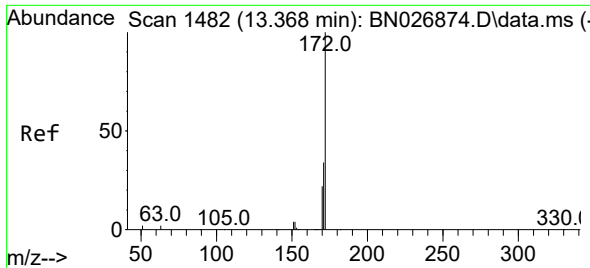
Tgt Ion:164 Resp: 10434
Ion Ratio Lower Upper
164 100
162 102.4 79.7 119.5
160 52.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:330 Resp: 1005
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 46.6 32.3 48.5

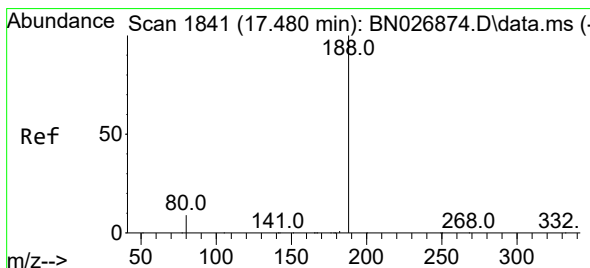
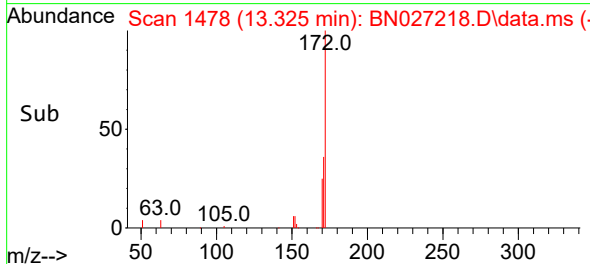
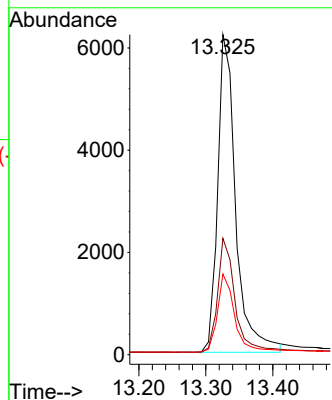
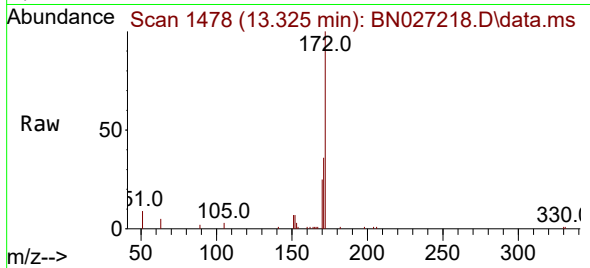




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.325 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

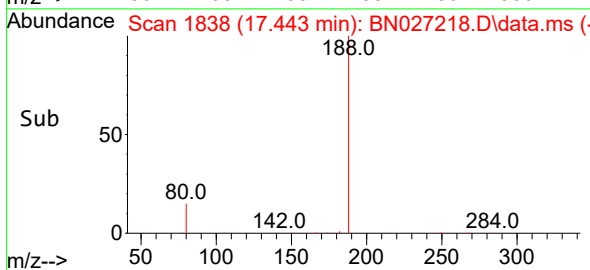
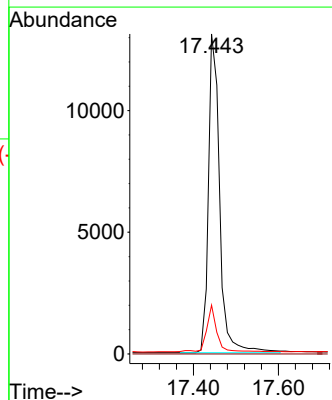
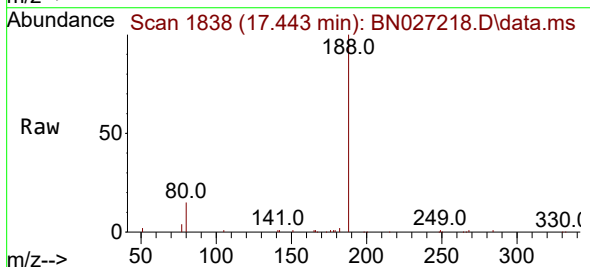
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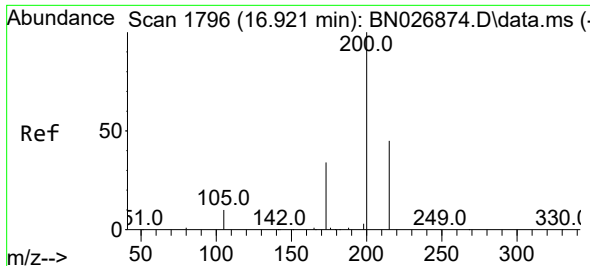
Tgt Ion:	172	Resp:	11634
Ion Ratio	Lower	Upper	
172	100		
171	36.4	27.4	41.0
170	25.2	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.013 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:	188	Resp:	23962
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.3	7.4	11.2#

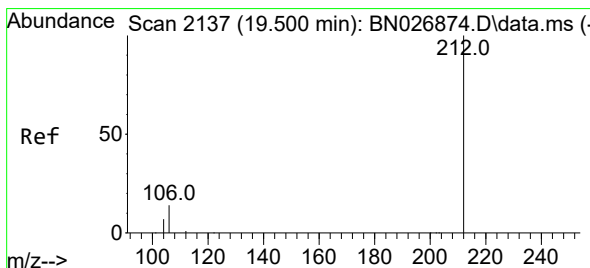
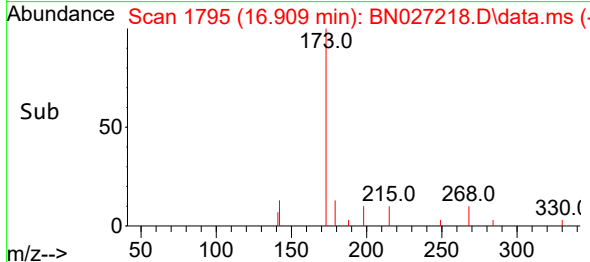
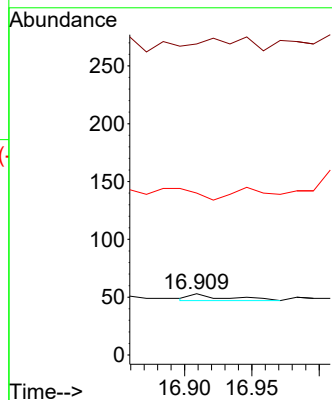
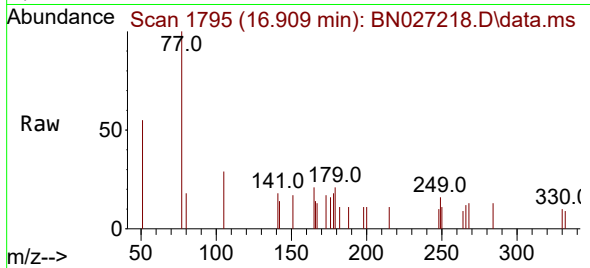




#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 16.909 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

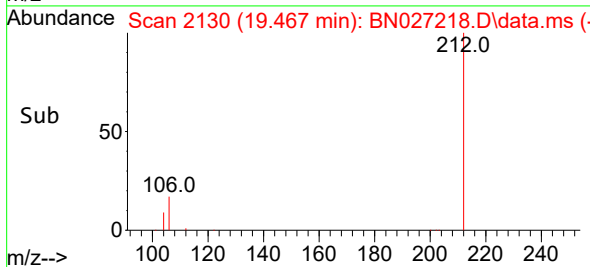
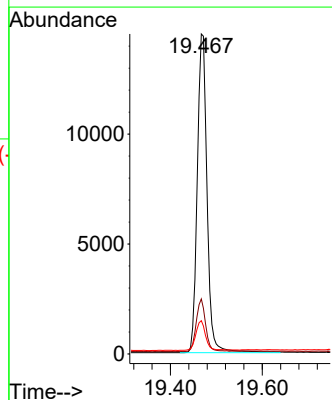
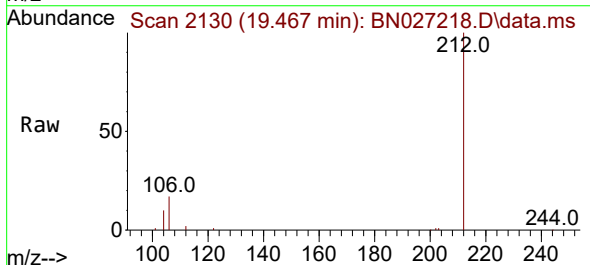
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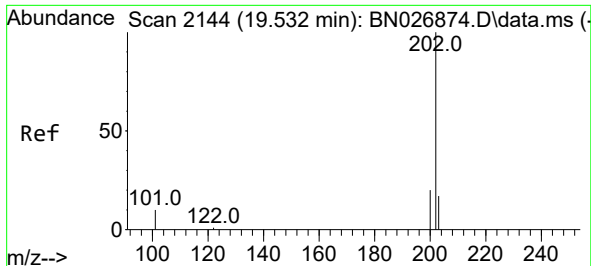
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 507.5 143.8 215.8#
105 264.2 273.5 410.3#



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:212 Resp: 21463
Ion Ratio Lower Upper
212 100
106 15.8 10.9 16.3
104 9.3 5.9 8.9#

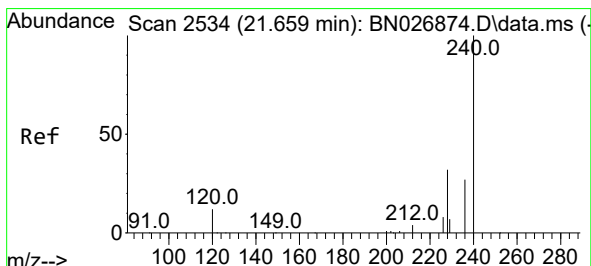
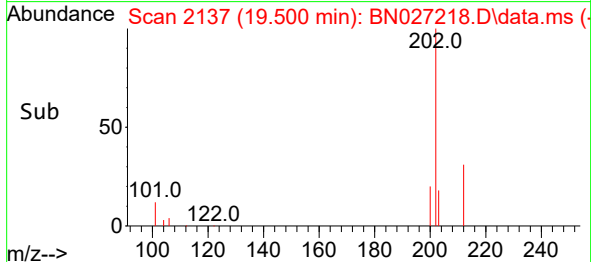
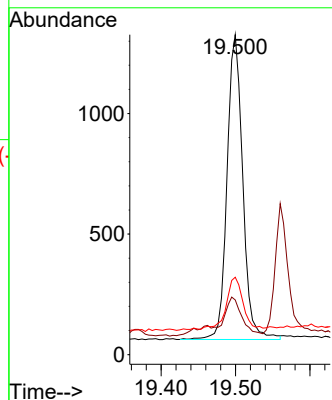
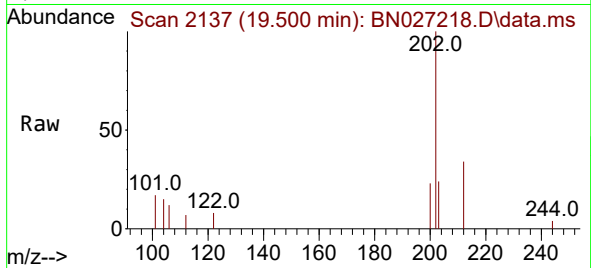




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.500 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

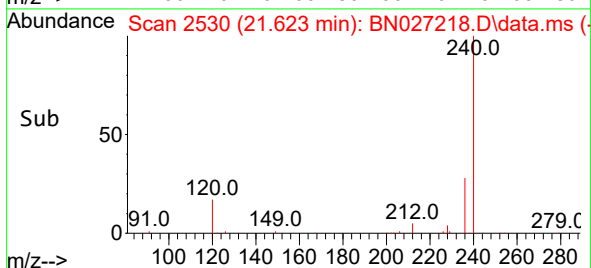
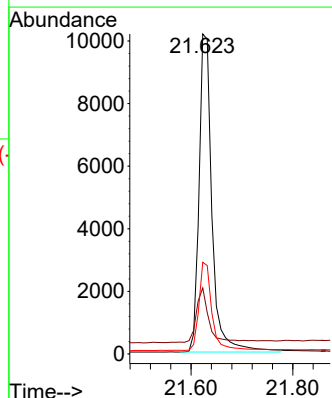
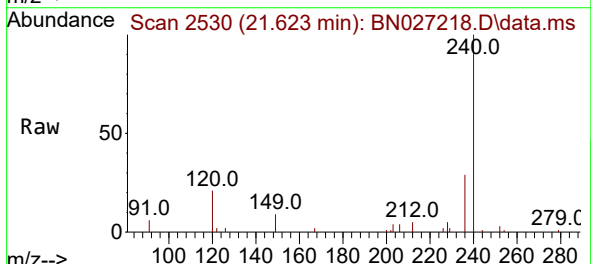
Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

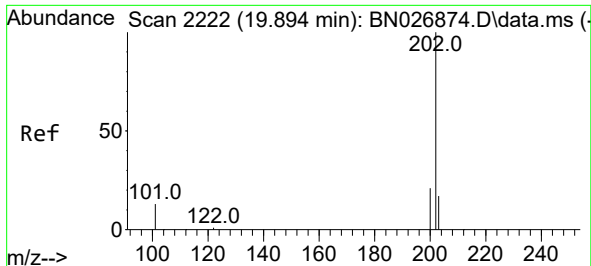
Tgt Ion:202 Resp: 1853
Ion Ratio Lower Upper
202 100
101 12.7 8.9 13.3
203 19.6 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:240 Resp: 18007
Ion Ratio Lower Upper
240 100
120 20.6 11.1 16.7#
236 28.6 22.2 33.2

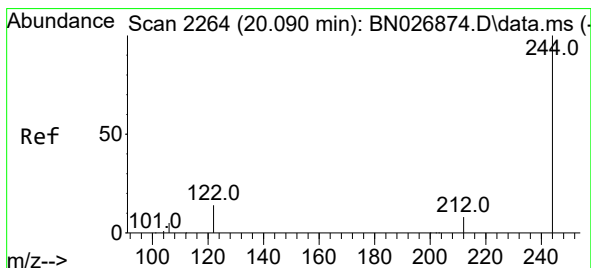
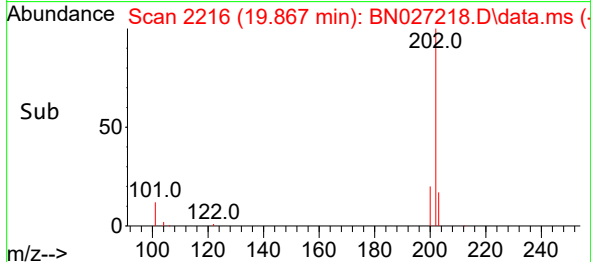
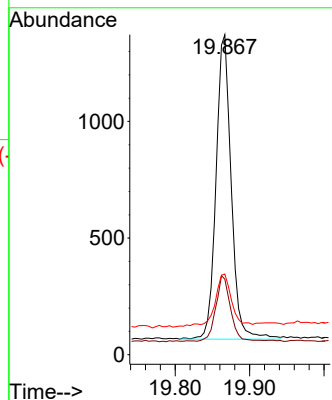
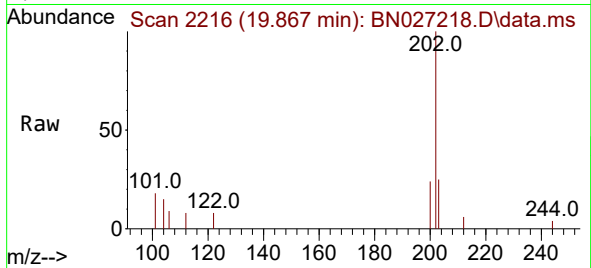




#30
Pyrene
Concen: 0.027 ng
RT: 19.867 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

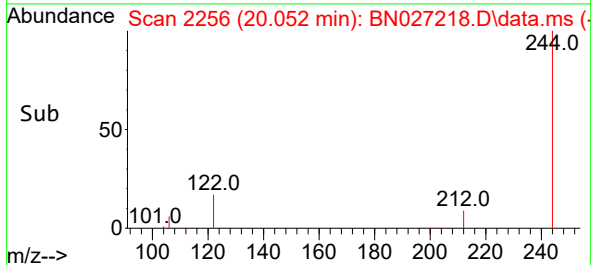
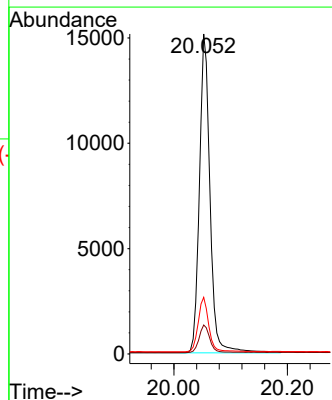
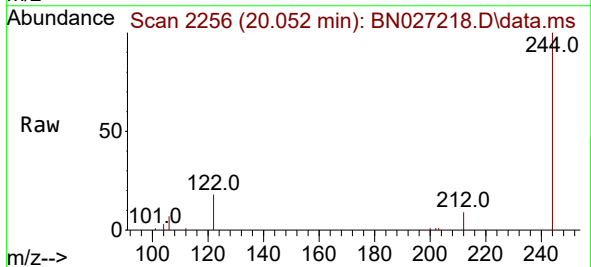
Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

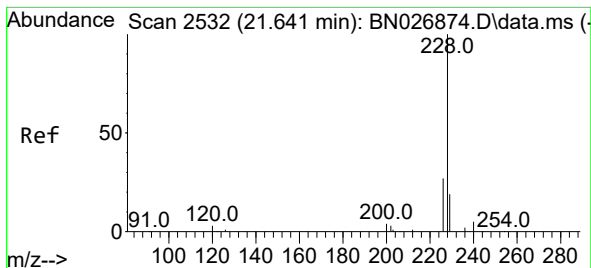
Tgt Ion:202 Resp: 1850
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 19.8 14.4 21.6



#31
Terphenyl-d14
Concen: 0.520 ng
RT: 20.052 min Scan# 2256
Delta R.T. -0.005 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:244 Resp: 19550
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 17.7 11.9 17.9





#32

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027218.D

Acq: 28 Aug 2023 15:35

Instrument :

BNA_N

ClientSampleId :

MW17811-20230815

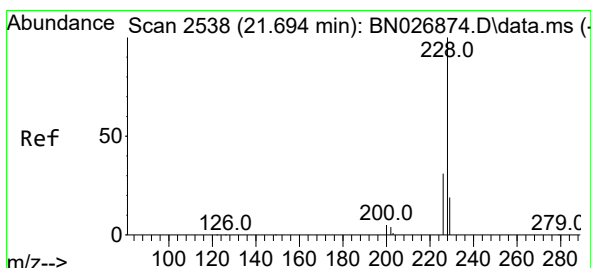
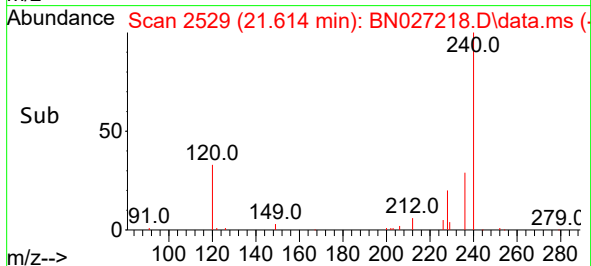
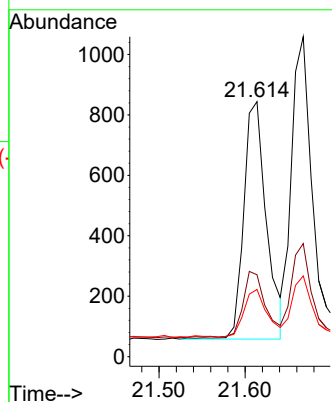
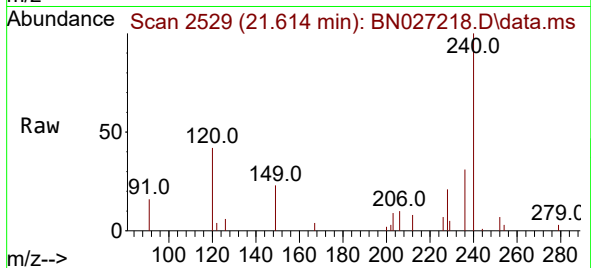
Tgt Ion:228 Resp: 1438

Ion Ratio Lower Upper

228 100

226 32.1 22.1 33.1

229 26.3 15.5 23.3#



#33

Chrysene

Concen: 0.025 ng

RT: 21.668 min Scan# 2535

Delta R.T. -0.000 min

Lab File: BN027218.D

Acq: 28 Aug 2023 15:35

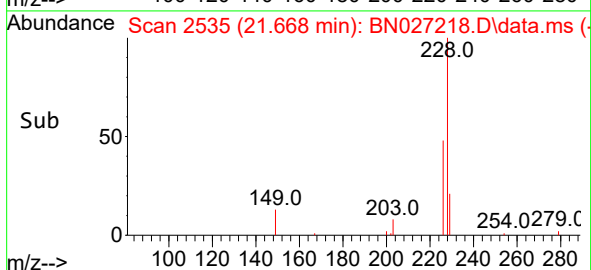
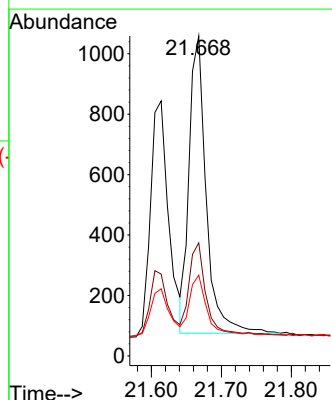
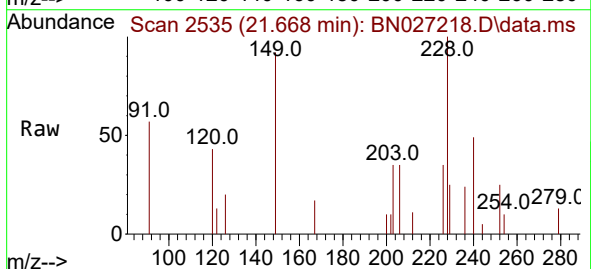
Tgt Ion:228 Resp: 1670

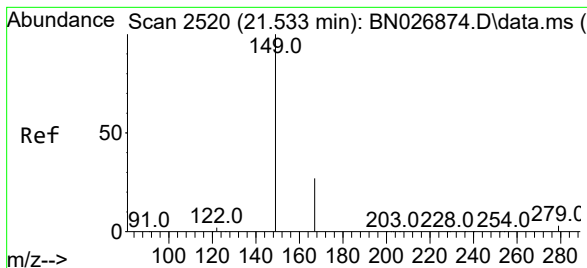
Ion Ratio Lower Upper

228 100

226 35.3 24.6 37.0

229 25.2 15.5 23.3#

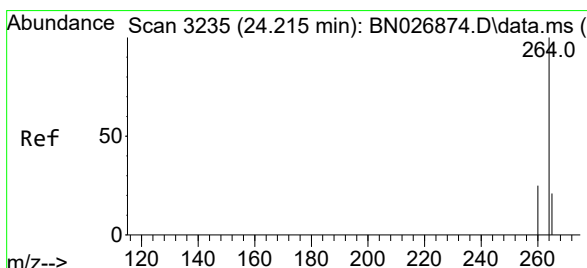
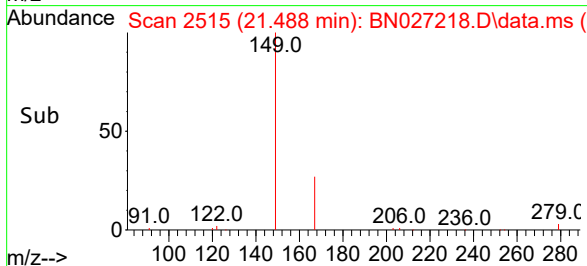
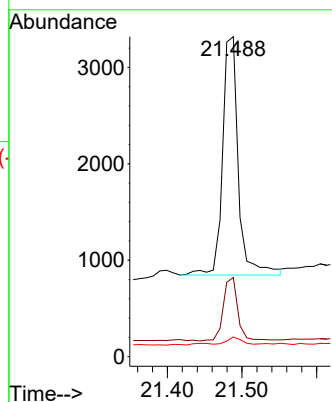
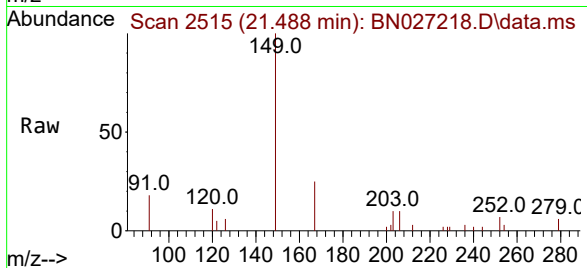




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.488 min Scan# 21488
 Delta R.T. -0.000 min
 Lab File: BN027218.D
 Acq: 28 Aug 2023 15:35

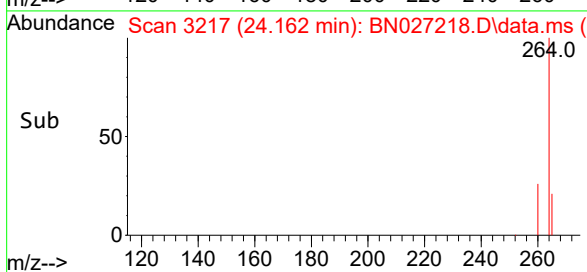
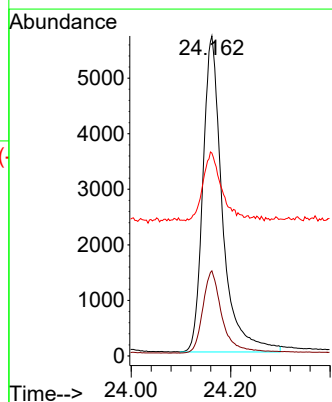
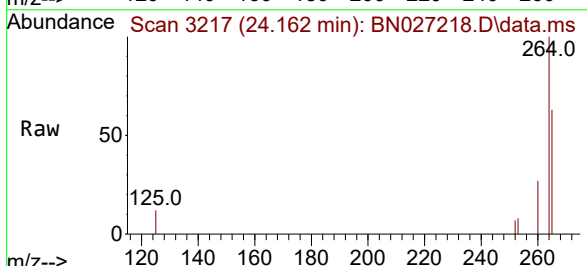
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20230815

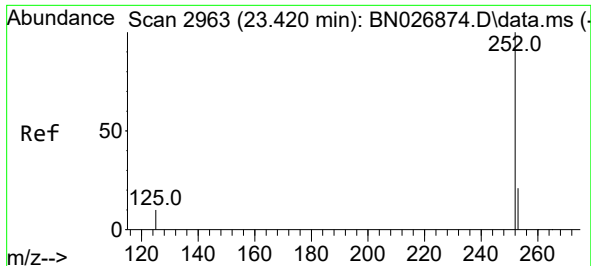
Tgt Ion:149 Resp: 3643
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.4 32.0
 279 2.6 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3217
 Delta R.T. -0.003 min
 Lab File: BN027218.D
 Acq: 28 Aug 2023 15:35

Tgt Ion:264 Resp: 15525
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.4 30.6
 265 63.4 27.0 40.6#

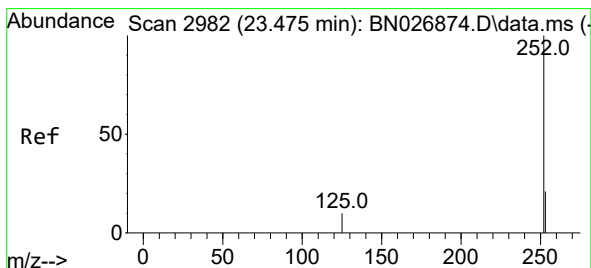
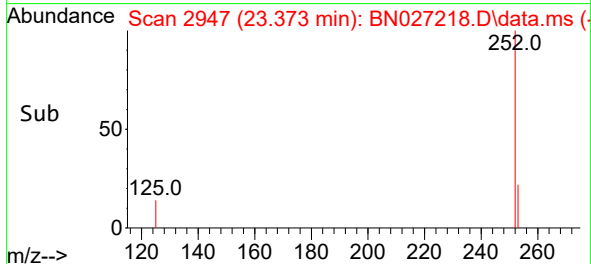
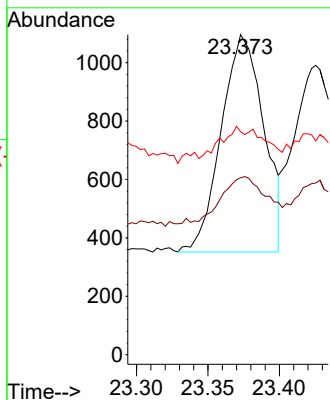
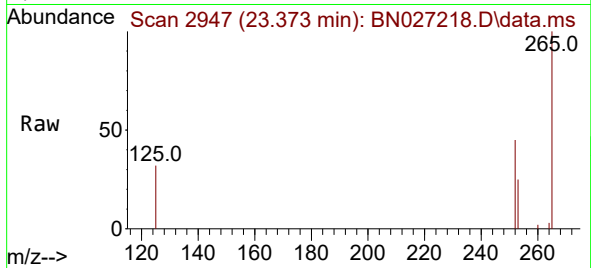




#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 23.373 min Scan# 2947
Delta R.T. 0.003 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Instrument :
BNA_N
ClientSampleId :
MW17811-20230815

Tgt Ion:252 Resp: 1538
Ion Ratio Lower Upper
252 100
253 55.3 18.4 27.6#
125 69.7 10.2 15.2#



#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.425 min Scan# 2965
Delta R.T. -0.000 min
Lab File: BN027218.D
Acq: 28 Aug 2023 15:35

Tgt Ion:252 Resp: 1334
Ion Ratio Lower Upper
252 100
253 59.3 18.4 27.6#
125 73.9 10.2 15.2#

