

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019151.D
 Acq On : 25 Mar 2022 07:54
 Operator : CG/JU
 Sample : N2075-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20220322

Quant Time: Mar 25 08:24:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

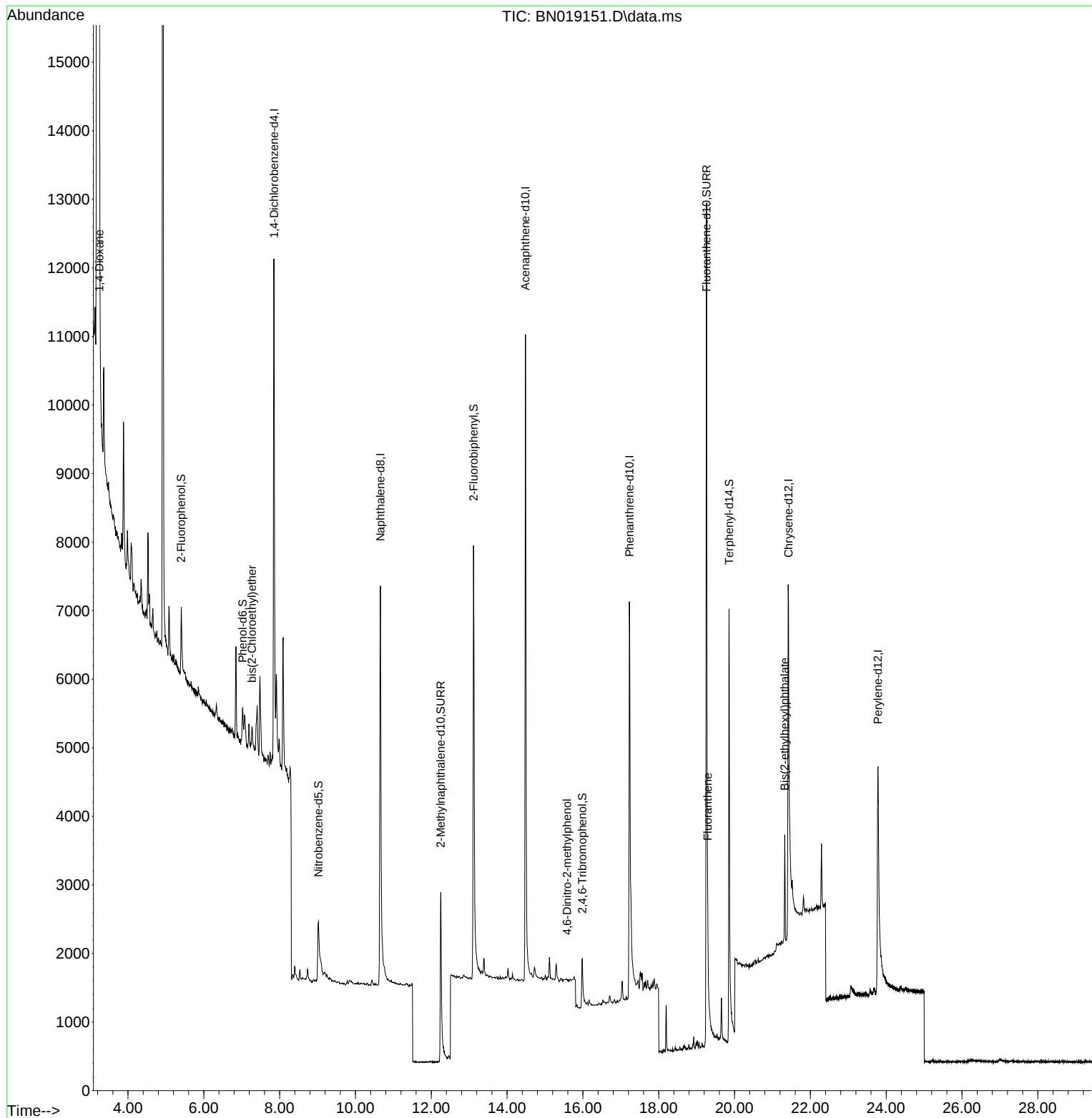
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4199	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10768	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6402	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	12778	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	10059	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	7970	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	988	0.105	ng	0.00
5) Phenol-d6	7.024	99	444	0.045	ng	0.01
8) Nitrobenzene-d5	9.025	82	1703	0.219	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	5151	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	627	0.203	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7244	0.282	ng	-0.01
27) Fluoranthene-d10	19.261	212	17984	0.474	ng	0.00
31) Terphenyl-d14	19.856	244	9931	0.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	3905	0.752	ng	# 95
6) bis(2-Chloroethyl)ether	7.269	93	400	0.034	ng	97
20) 4,6-Dinitro-2-methylph...	15.586	198	6	0.112	ng	# 1
28) Fluoranthene	19.291	202	1034	0.022	ng	97
34) Bis(2-ethylhexyl)phtha...	21.324	149	1429	0.070	ng	# 99

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

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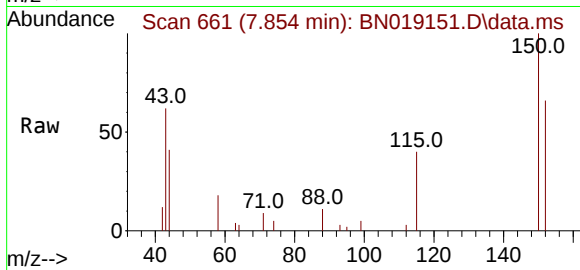
Quant Time: Mar 25 08:24:24 2022
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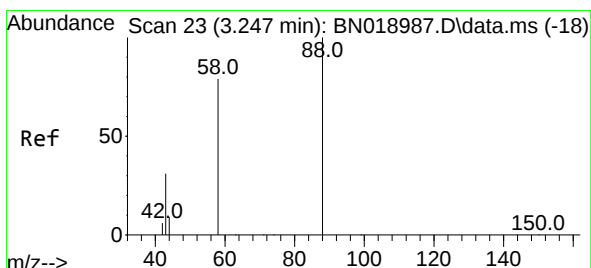
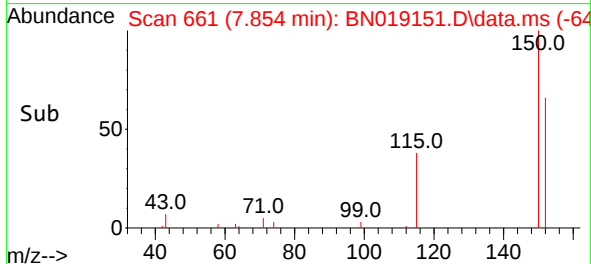
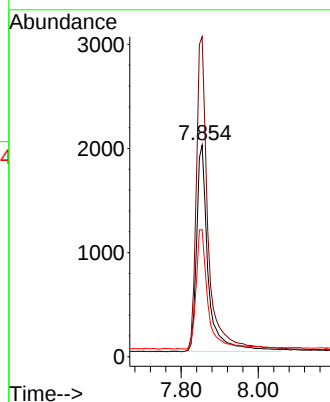
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019151.D
 Acq: 25 Mar 2022 07:54

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20220322



Tgt Ion: 152 Resp: 4199

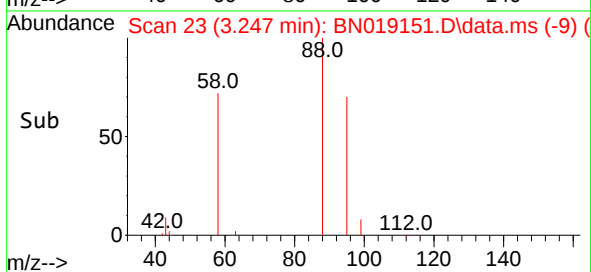
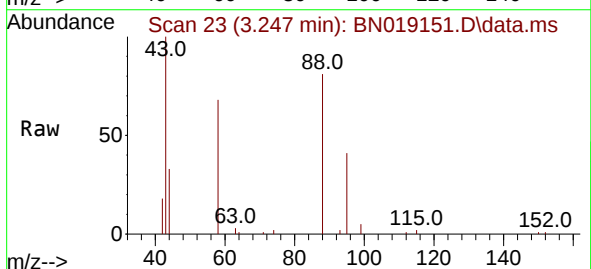
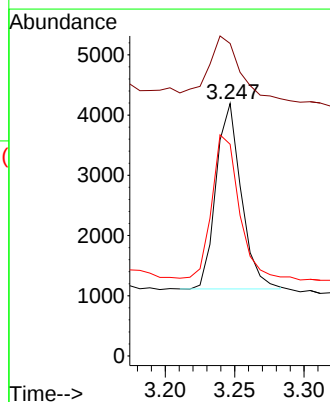
Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.9	185.9
115	60.1	48.2	72.4



#2
 1,4-Dioxane
 Concen: 0.752 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019151.D
 Acq: 25 Mar 2022 07:54

Tgt Ion: 88 Resp: 3905

Ion	Ratio	Lower	Upper
88	100		
43	40.5	24.6	37.0
58	82.0	65.4	98.2

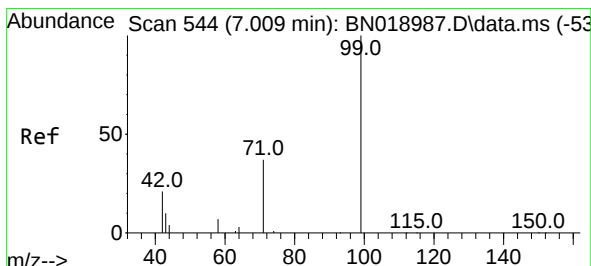
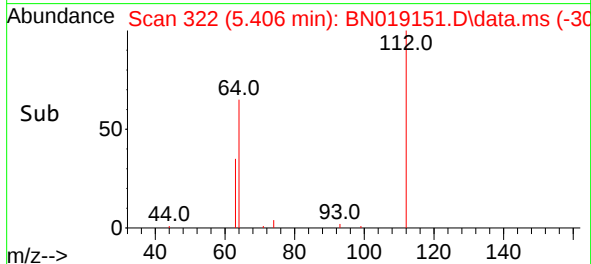
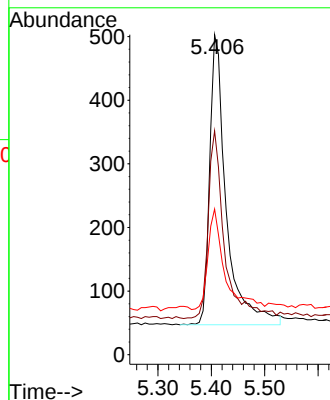
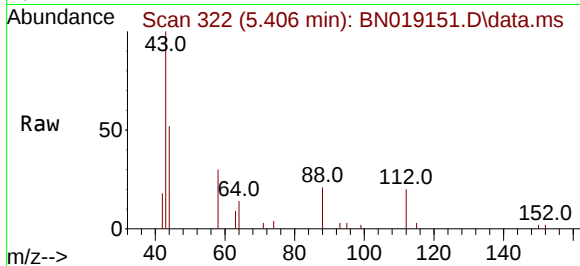




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

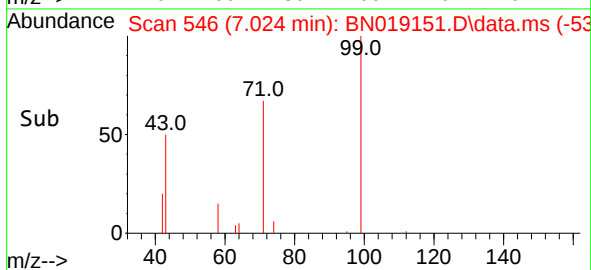
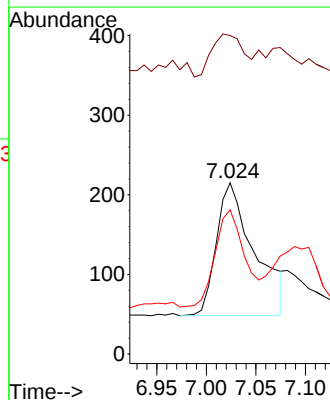
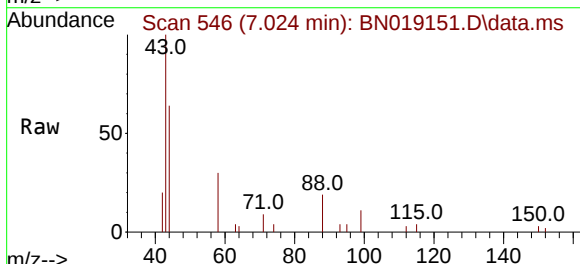
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322

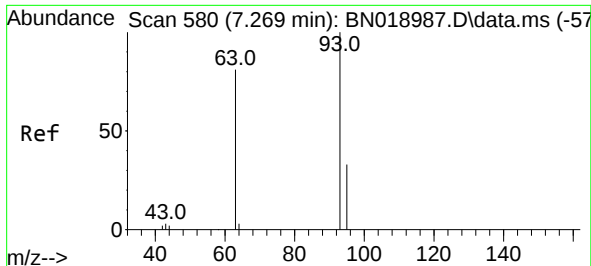
Tgt Ion:112 Resp: 988
Ion Ratio Lower Upper
112 100
64 63.1 47.8 71.8
63 34.5 25.7 38.5



#5
Phenol-d6
Concen: 0.045 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.014 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion: 99 Resp: 444
Ion Ratio Lower Upper
99 100
42 27.0 16.2 24.4#
71 57.2 27.7 41.5#

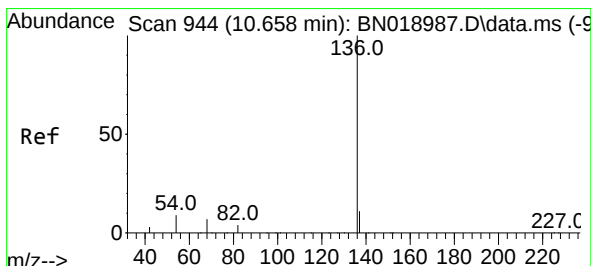
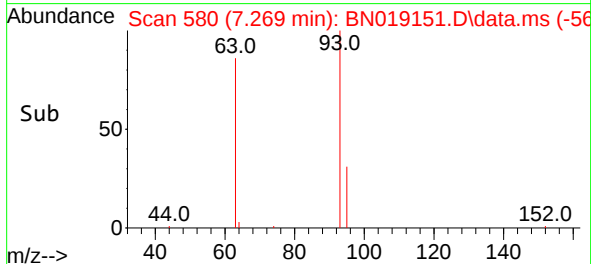
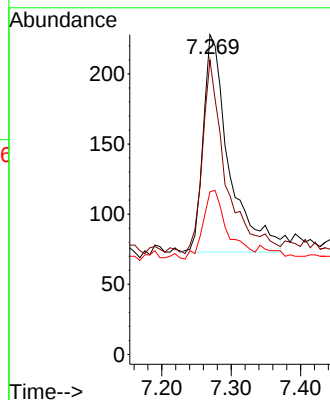
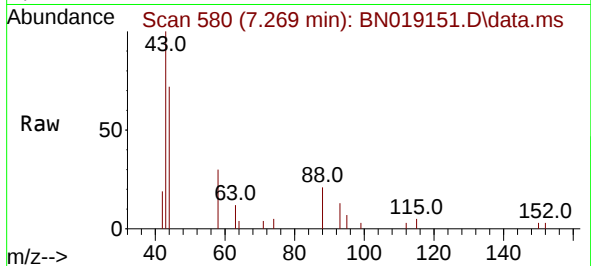




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

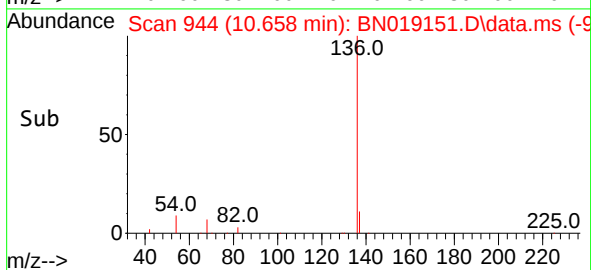
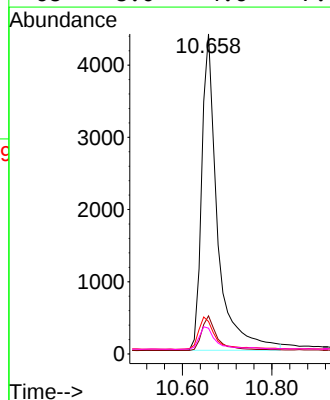
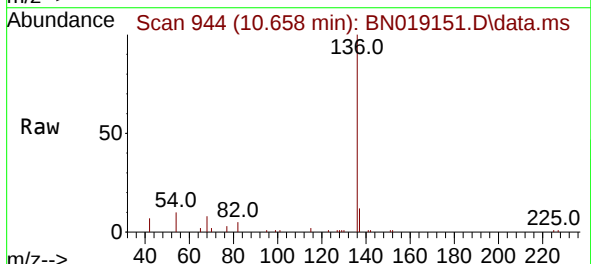
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322

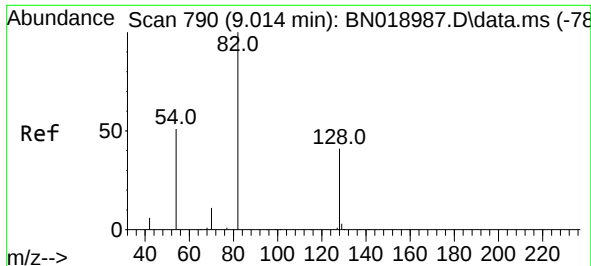
Tgt Ion:	93	Resp:	400
Ion	Ratio	Lower	Upper
93	100		
63	81.0	62.8	94.2
95	30.3	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:	136	Resp:	10768
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	10.2	5.8	8.6#
68	8.0	4.6	7.0#

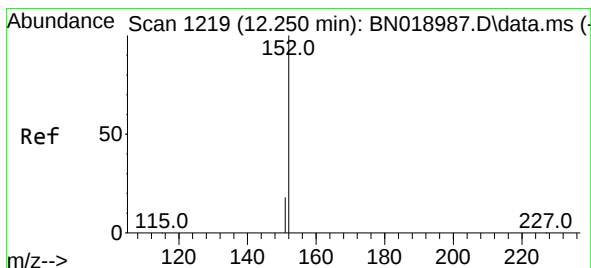
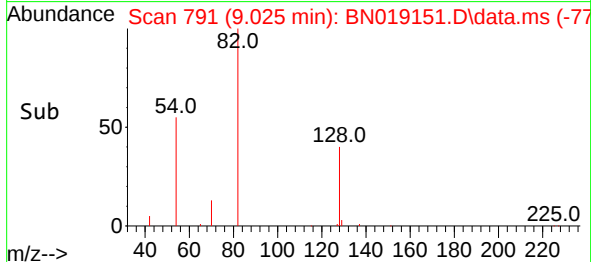
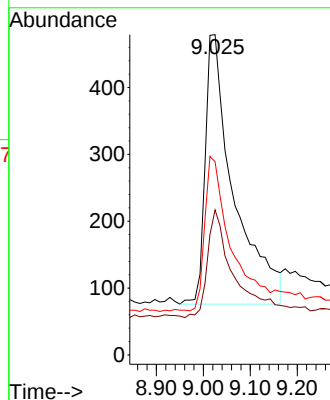
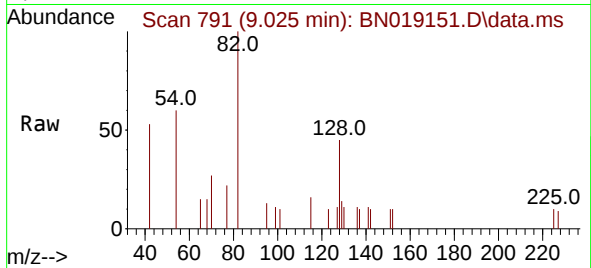




#8
Nitrobenzene-d5
Concen: 0.219 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

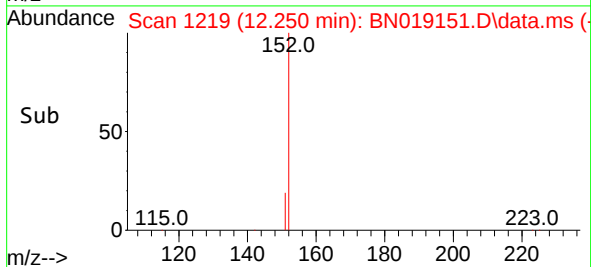
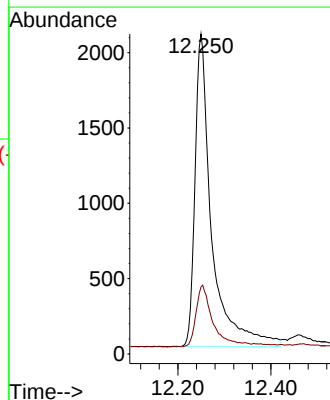
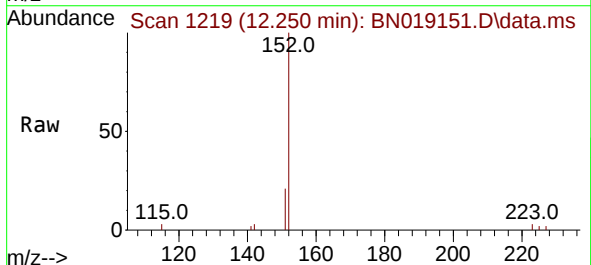
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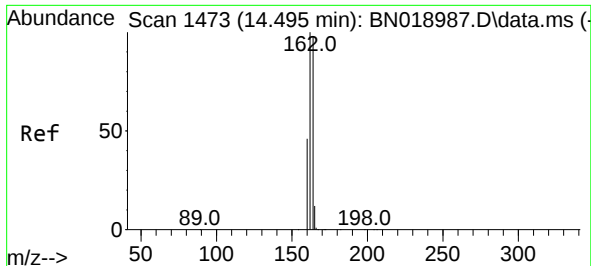
Tgt Ion: 82 Resp: 1703
Ion Ratio Lower Upper
82 100
128 45.3 33.0 49.6
54 60.3 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion: 152 Resp: 5151
Ion Ratio Lower Upper
152 100
151 19.4 16.5 24.7

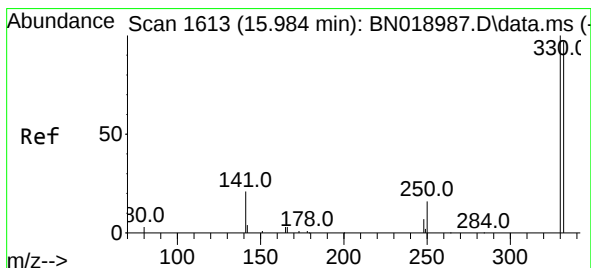
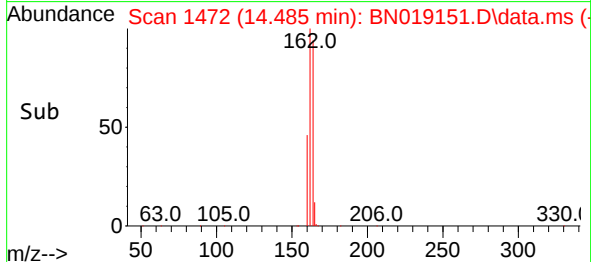
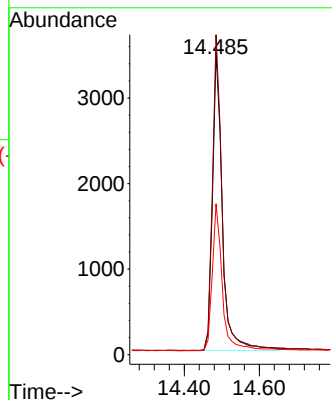
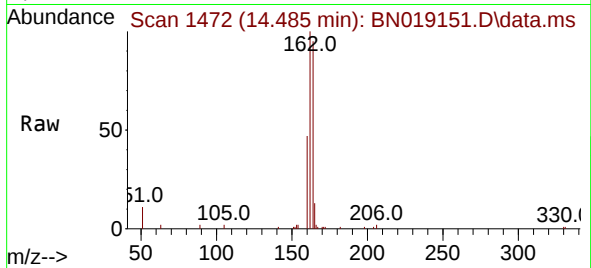




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

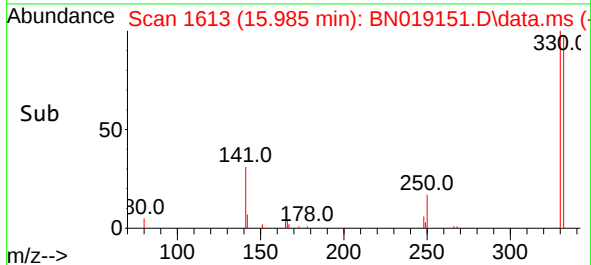
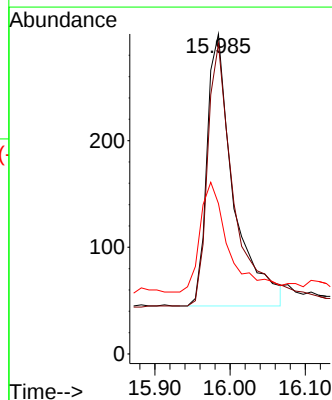
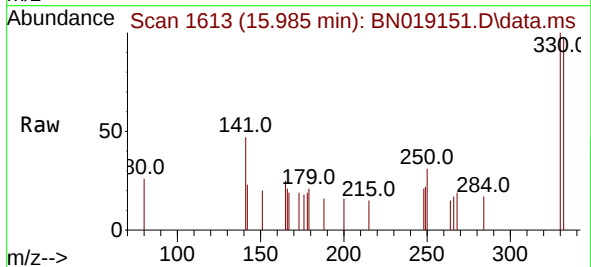
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BNA_N
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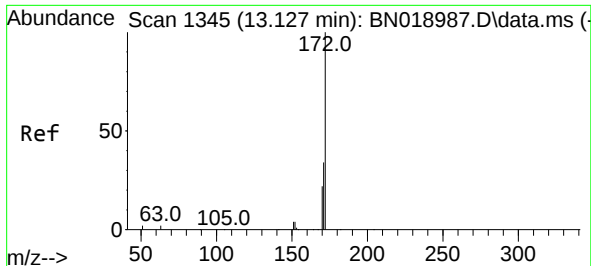
Tgt Ion:164 Resp: 6402
Ion Ratio Lower Upper
164 100
162 105.8 85.2 127.8
160 49.9 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:330 Resp: 627
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 43.5 32.2 48.2

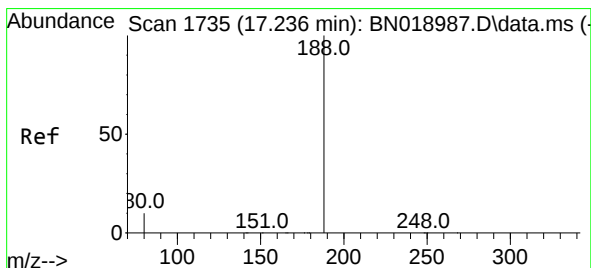
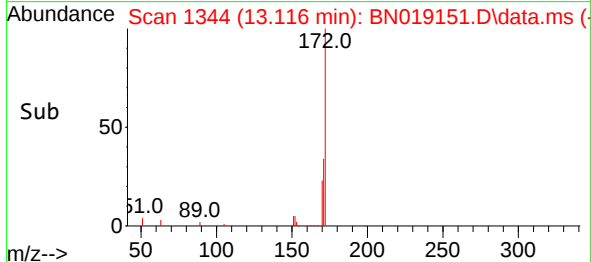
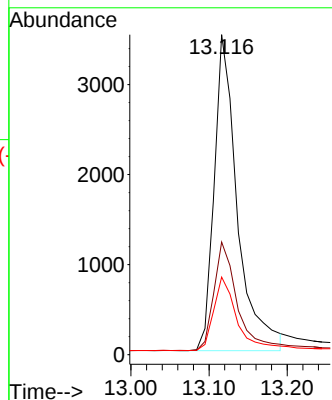
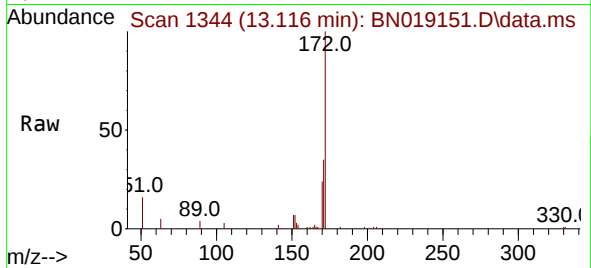




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

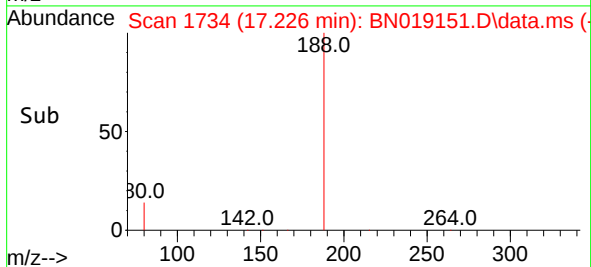
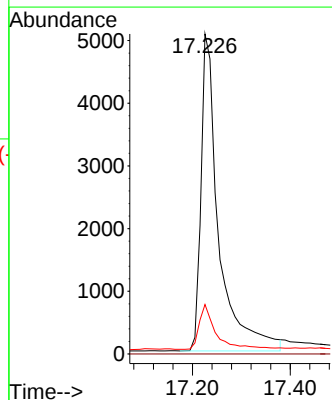
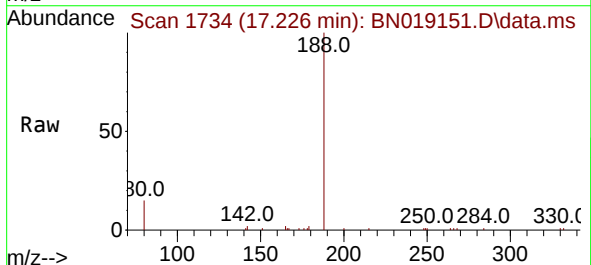
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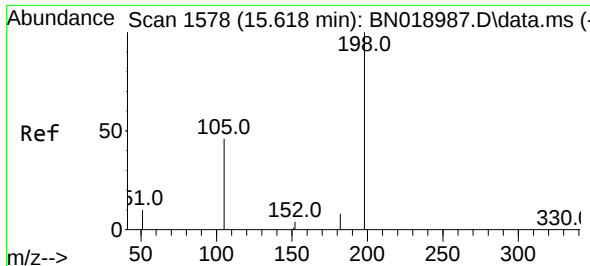
Tgt Ion:172 Resp: 7244
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 24.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:188 Resp: 12778
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 11.8 17.8

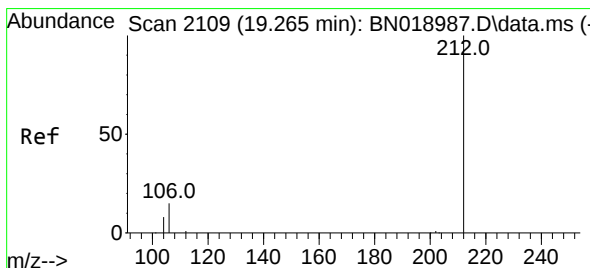
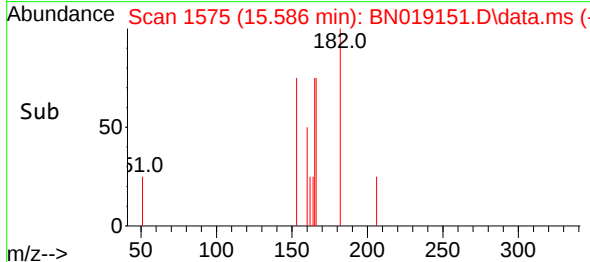
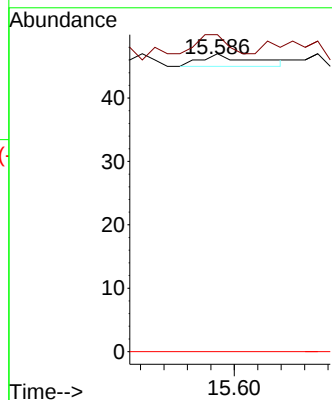
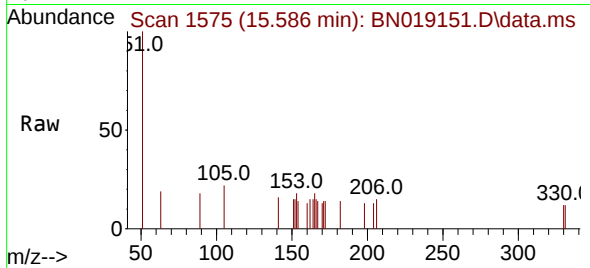




#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.586 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

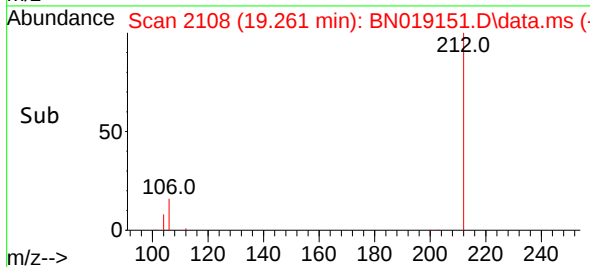
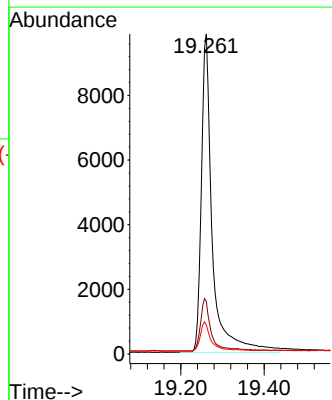
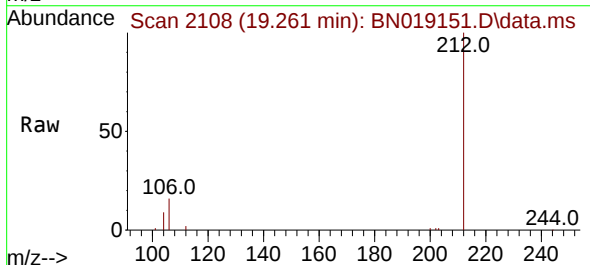
Instrument :
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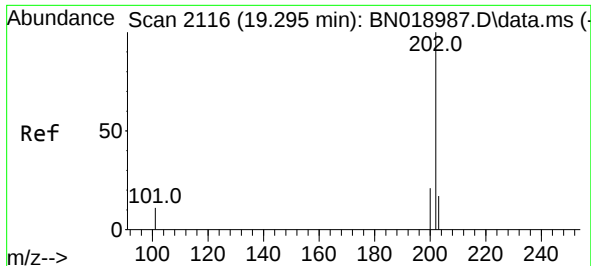
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 106.4 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.474 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:212 Resp: 17984
Ion Ratio Lower Upper
212 100
106 16.4 12.7 19.1
104 8.9 7.1 10.7

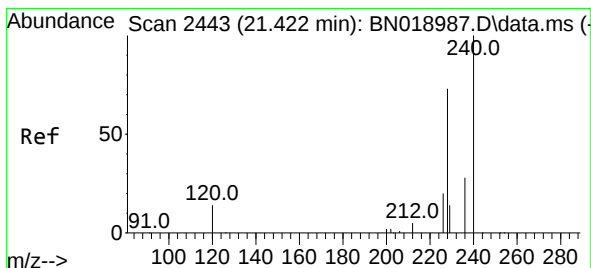
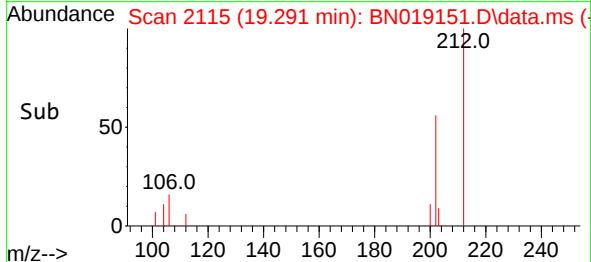
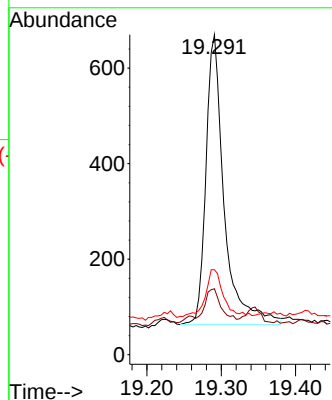
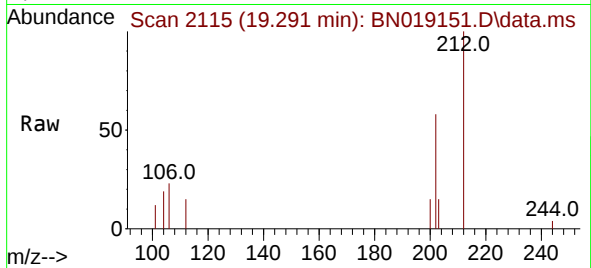




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

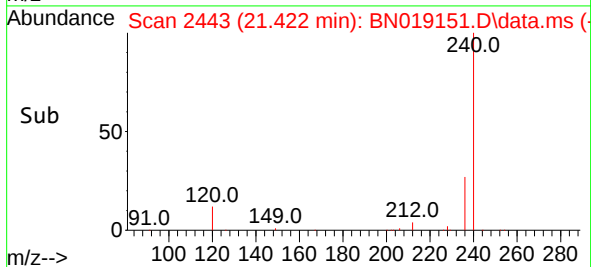
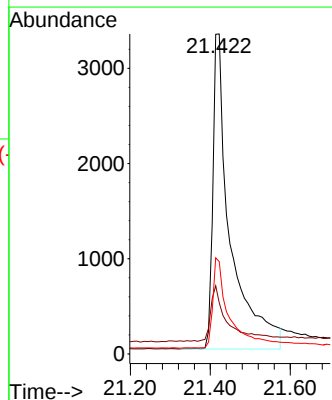
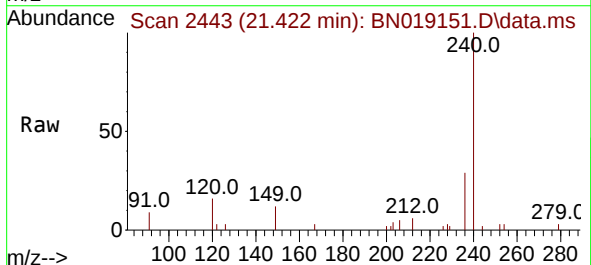
Instrument :
BNA_N
ClientSampleId :
MW179D2-20220322

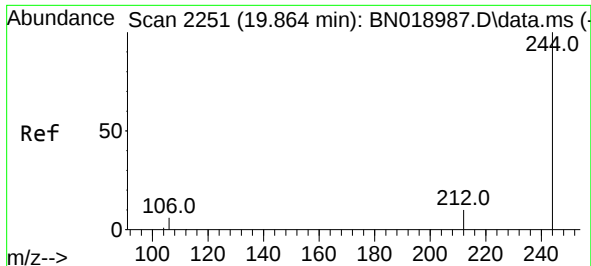
Tgt Ion:202 Resp: 1034
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
203 15.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019151.D
Acq: 25 Mar 2022 07:54

Tgt Ion:240 Resp: 10059
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7#
236 28.8 22.4 33.6

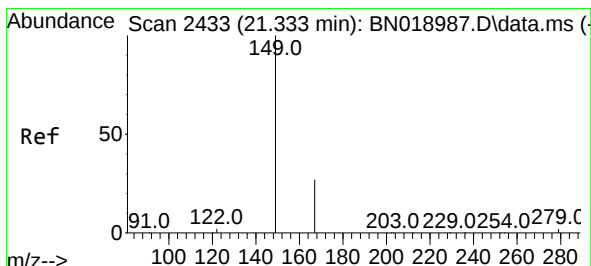
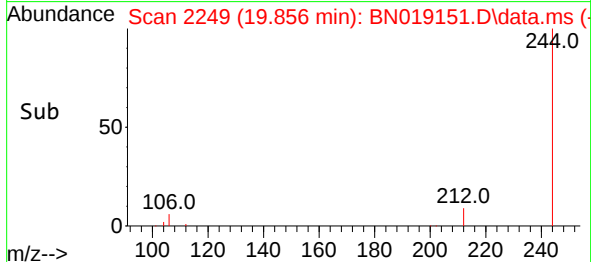
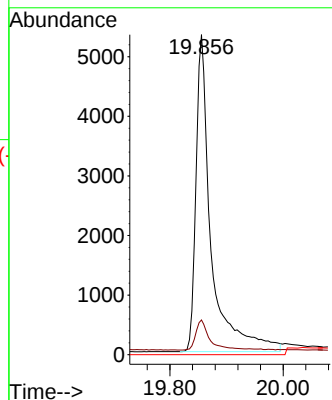
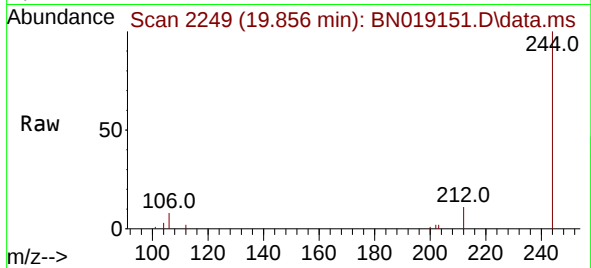




#31
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN019151.D
 Acq: 25 Mar 2022 07:54

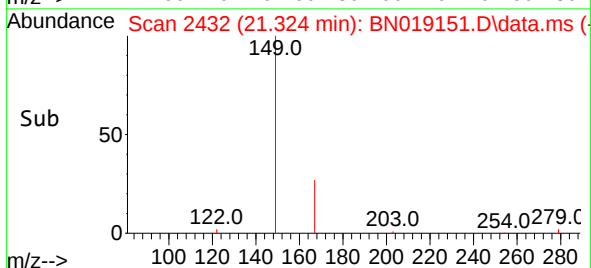
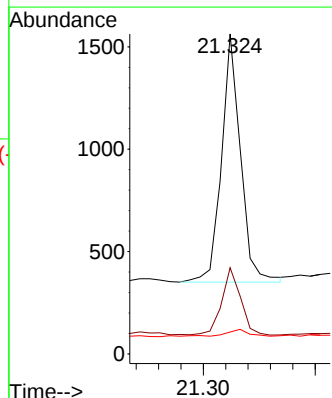
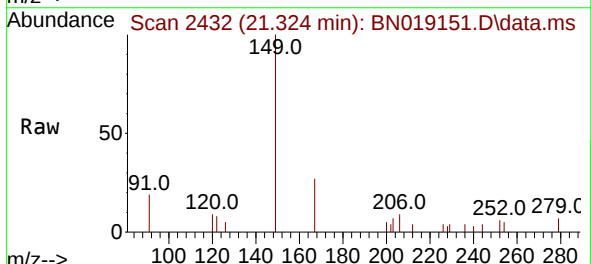
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20220322

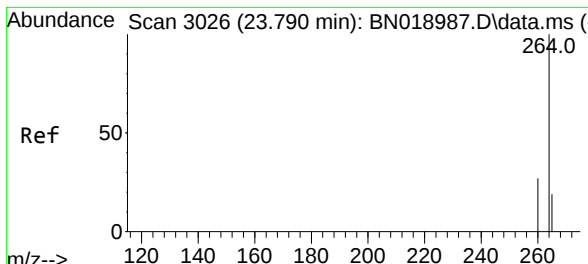
Tgt Ion:244 Resp: 9931
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019151.D
 Acq: 25 Mar 2022 07:54

Tgt Ion:149 Resp: 1429
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 4.3 2.0 3.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.782 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN019151.D

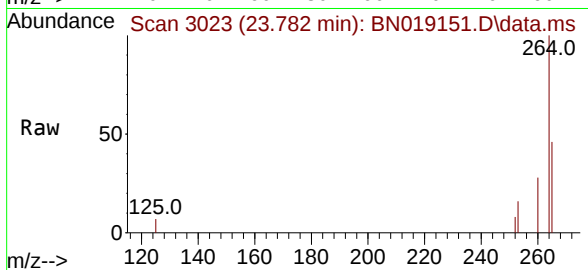
Acq: 25 Mar 2022 07:54

Instrument :

BNA_N

ClientSampleId :

MW179D2-20220322



Tgt Ion:264 Resp: 7970

Ion Ratio Lower Upper

264 100

260 27.9 22.4 33.6

265 45.5 25.3 37.9#

