

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
 Data File : BN019645.D
 Acq On : 03 May 2022 11:41
 Operator : CG/JU
 Sample : N2640-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3-B-117-137-042922

Quant Time: May 04 07:33:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 02:56:24 2022
 Response via : Initial Calibration

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

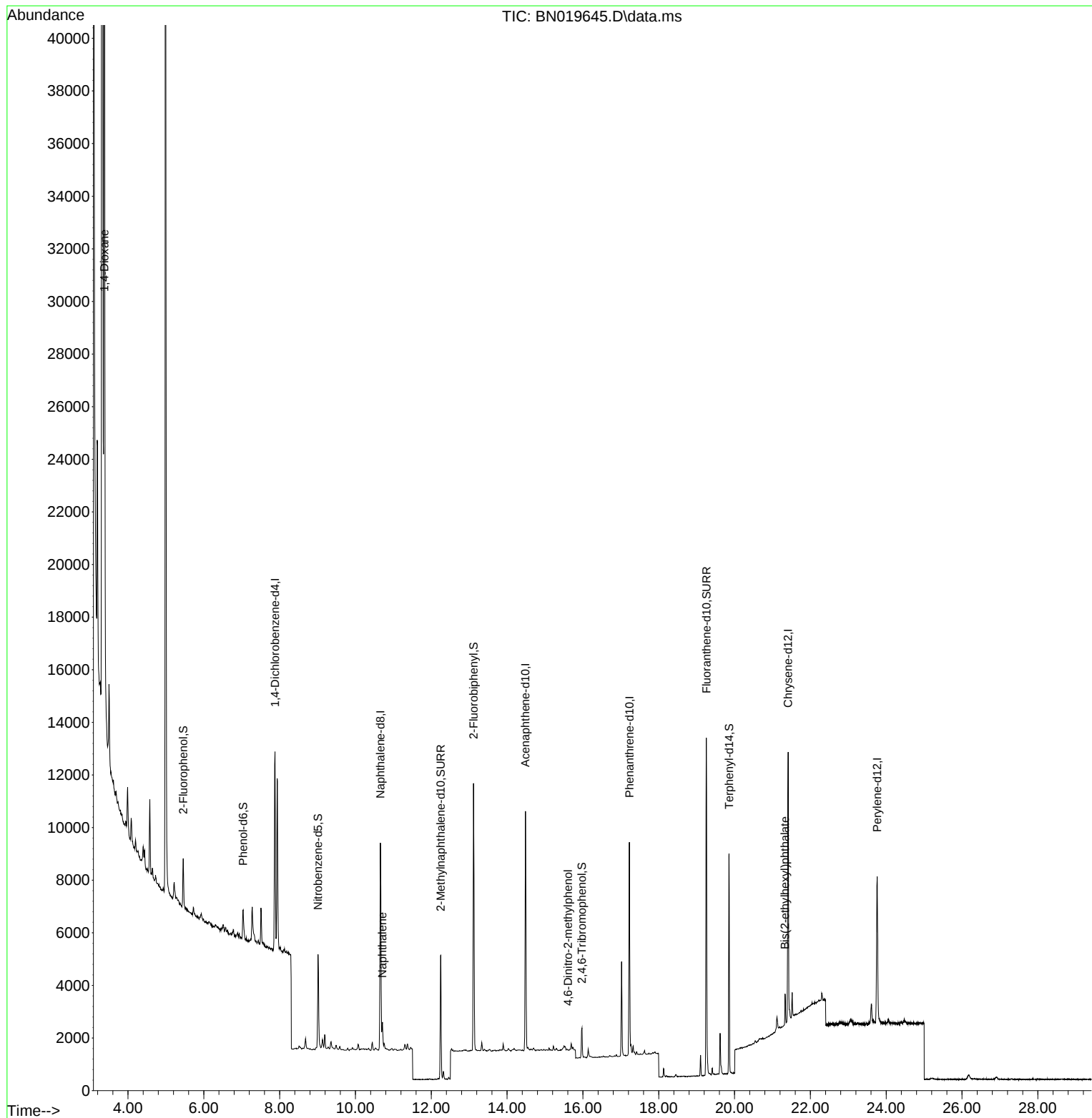
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3916	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11013	0.400	ng	-0.01
13) Acenaphthene-d10	14.485	164	5323	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	10899	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	9996	0.400	ng	# 0.00
35) Perylene-d12	23.761	264	8439	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	1590	0.164	ng	0.00
5) Phenol-d6	7.038	99	1087	0.094	ng	0.00
8) Nitrobenzene-d5	9.014	82	3093	0.395	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6663	0.390	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	633	0.372	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	8968	0.394	ng	-0.01
27) Fluoranthene-d10	19.257	212	14854	0.479	ng	0.00
31) Terphenyl-d14	19.856	244	9340	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.377	88	43170	9.431	ng	97
9) Naphthalene	10.712	128	1254	0.040	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.607	198	4	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	1209	0.073	ng	# 97

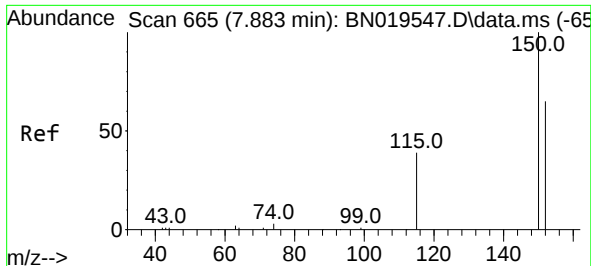
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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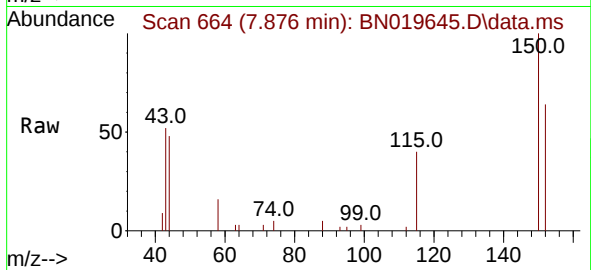
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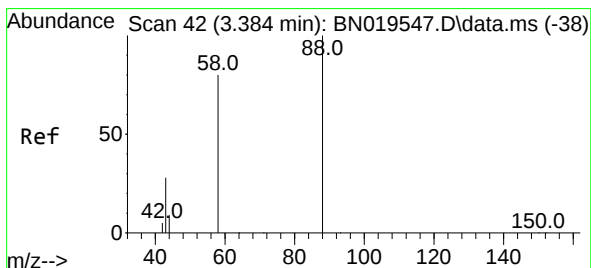
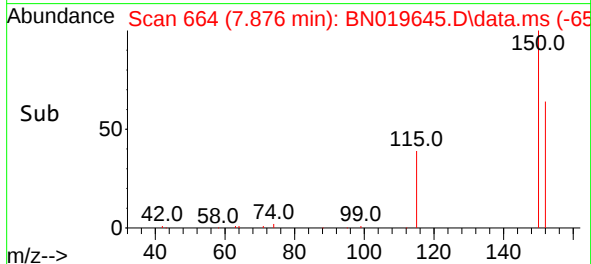
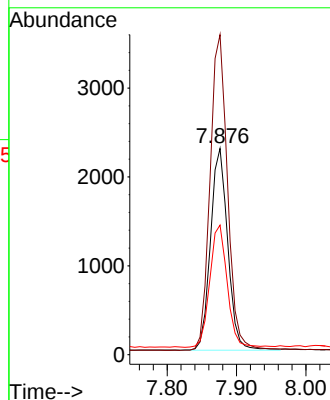


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.876 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN019645.D
 Acq: 03 May 2022 11:41

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3-B-117-137-042922

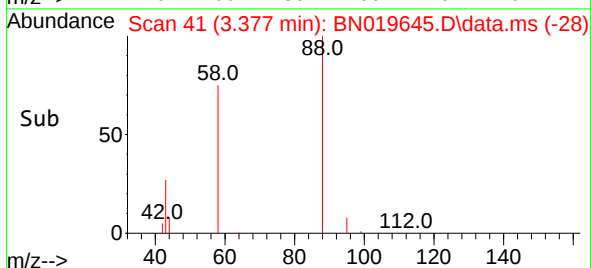
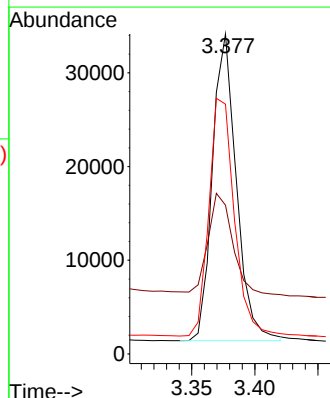
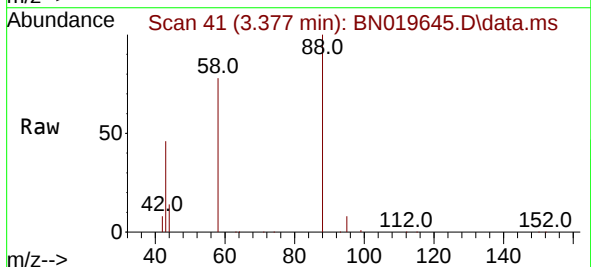


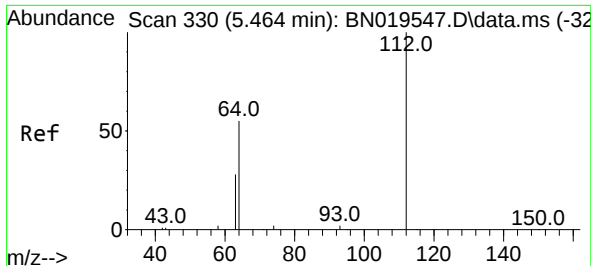
Tgt Ion:152 Resp: 3916
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.6 183.8
 115 62.8 49.0 73.6



#2
 1,4-Dioxane
 Concen: 9.431 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BN019645.D
 Acq: 03 May 2022 11:41

Tgt Ion: 88 Resp: 43170
 Ion Ratio Lower Upper
 88 100
 43 34.0 25.2 37.8
 58 82.2 67.6 101.4

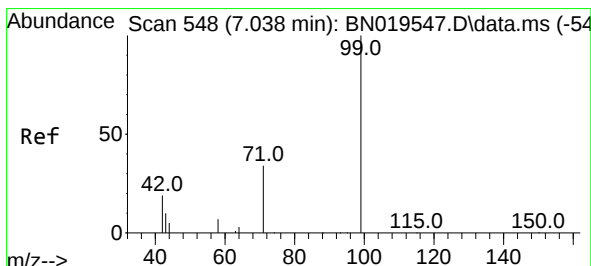
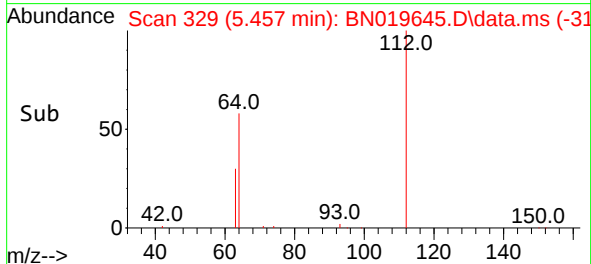
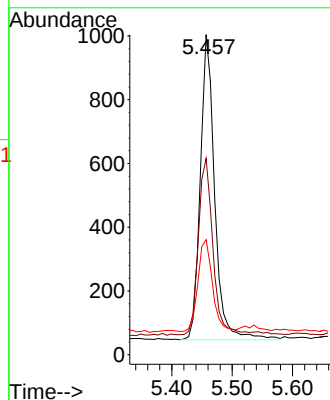
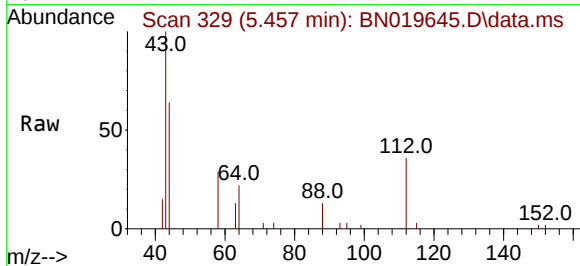




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.457 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

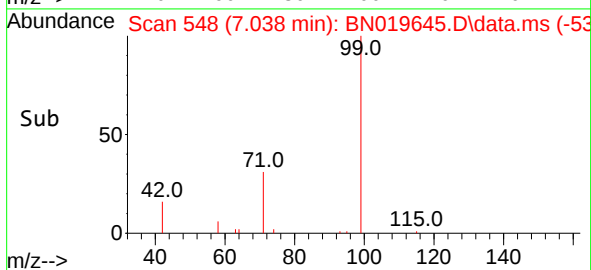
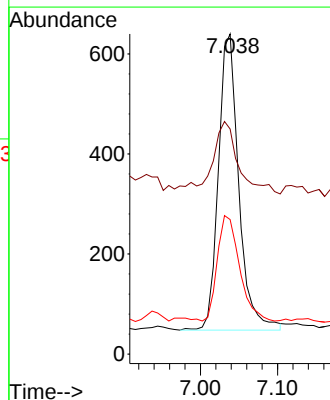
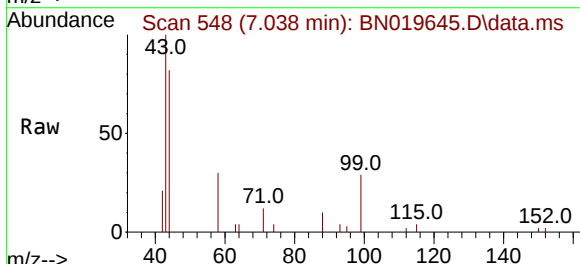
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BNA_N
ClientSampleId :
MWBR3-B-117-137-042922

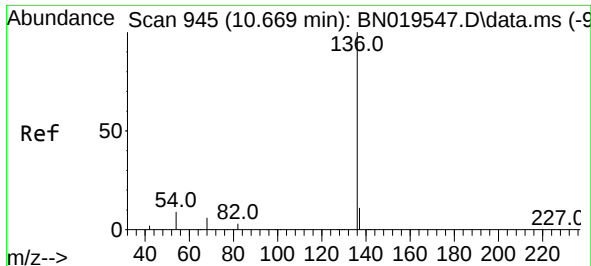
Tgt Ion:112 Resp: 1590
Ion Ratio Lower Upper
112 100
64 59.1 47.3 70.9
63 30.4 24.6 36.8



#5
Phenol-d6
Concen: 0.094 ng
RT: 7.038 min Scan# 548
Delta R.T. 0.000 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion: 99 Resp: 1087
Ion Ratio Lower Upper
99 100
42 32.3 15.8 23.8#
71 38.8 26.5 39.7

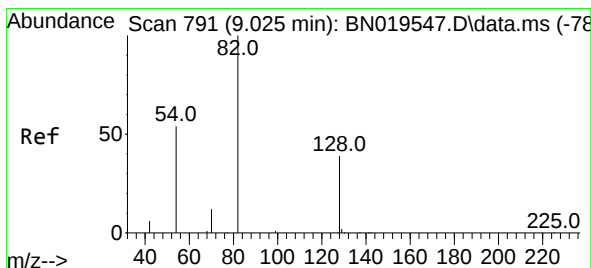
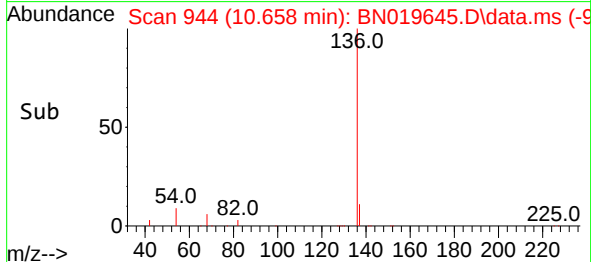
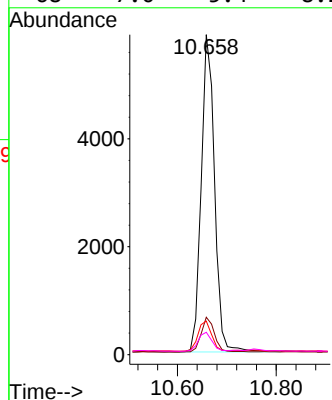
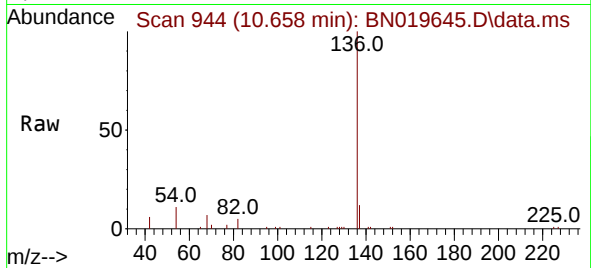




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

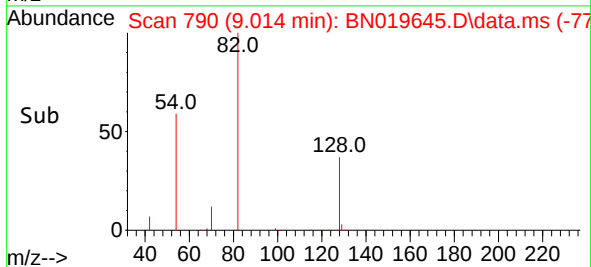
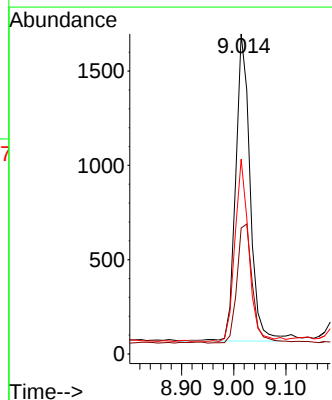
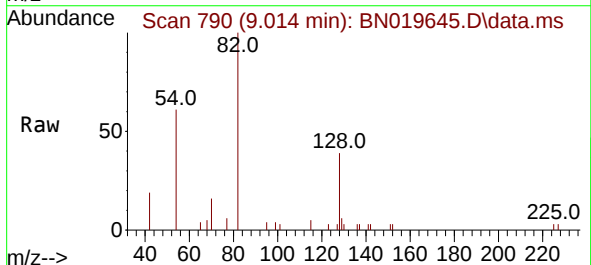
Instrument :
BNA_N
ClientSampleId :
MWBR3-B-117-137-042922

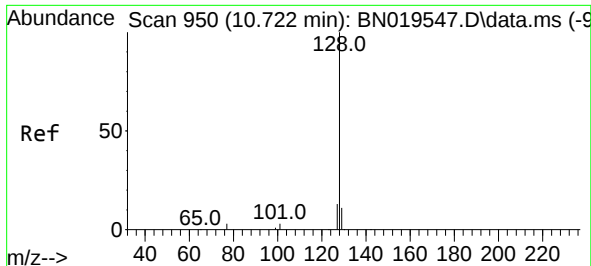
Tgt Ion:	136	Resp:	11013
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.5	7.8	11.6
68	7.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion:	82	Resp:	3093
Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.4	48.6
54	60.9	44.4	66.6

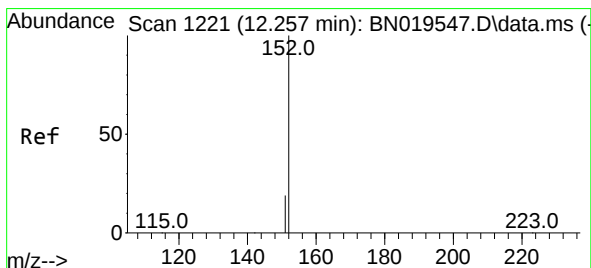
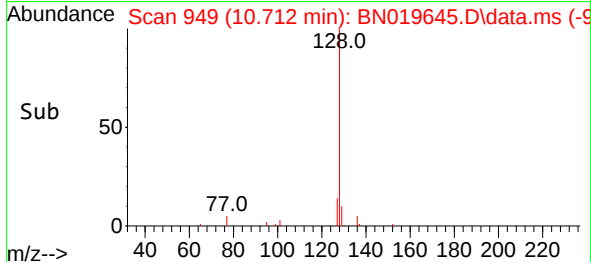
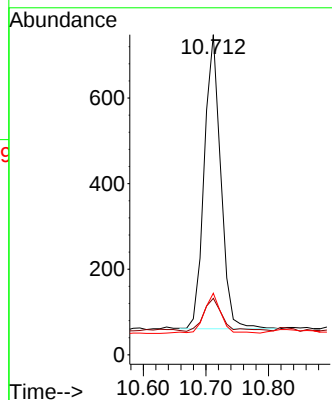
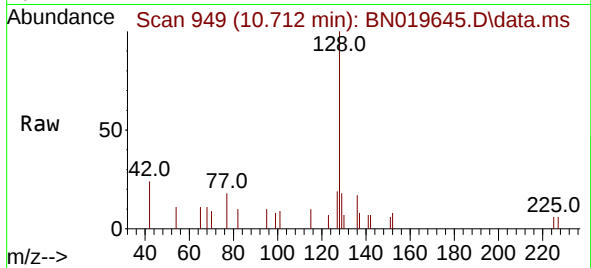




#9
Naphthalene
Concen: 0.040 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

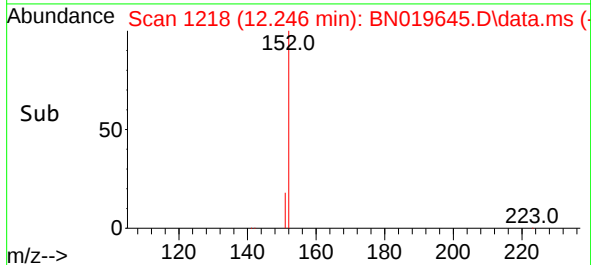
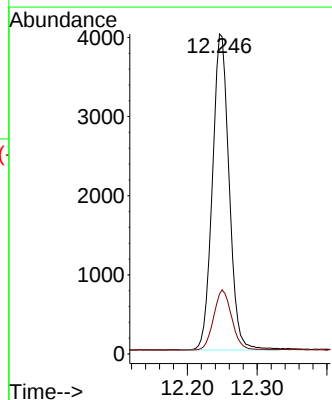
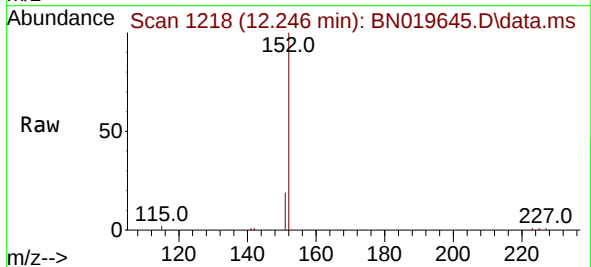
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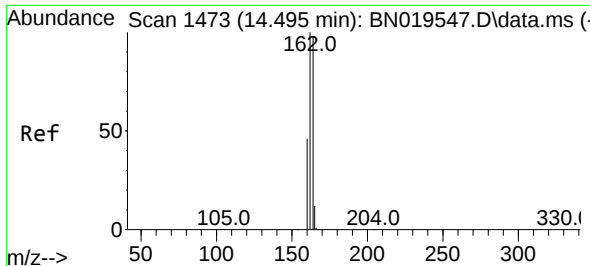
Tgt Ion:128 Resp: 1254
Ion Ratio Lower Upper
128 100
129 17.6 9.0 13.4#
127 19.3 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion:152 Resp: 6663
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4

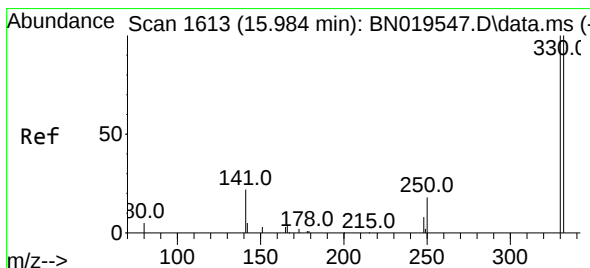
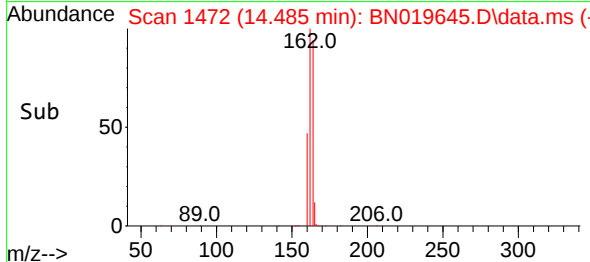
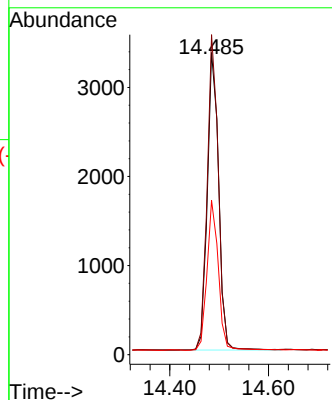
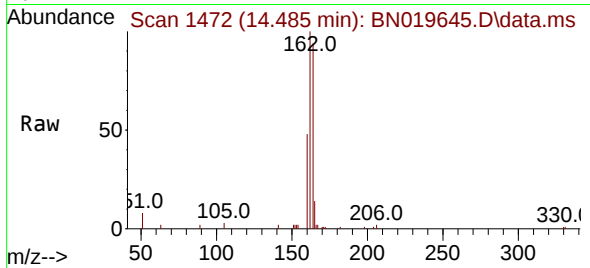




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

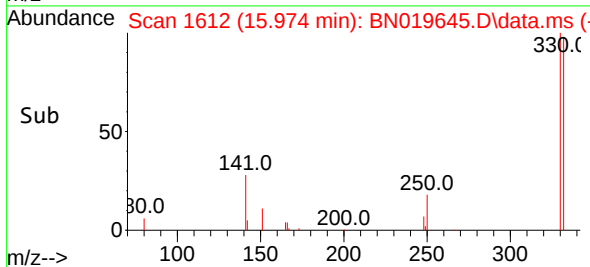
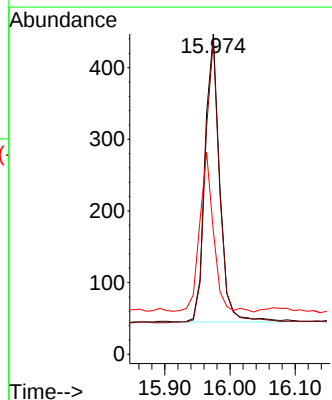
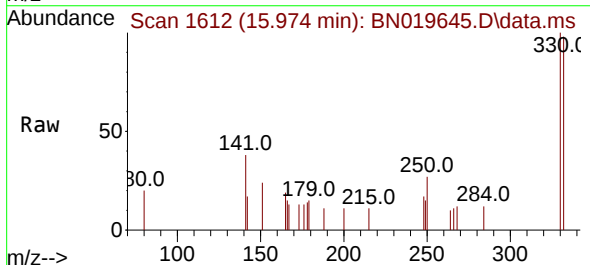
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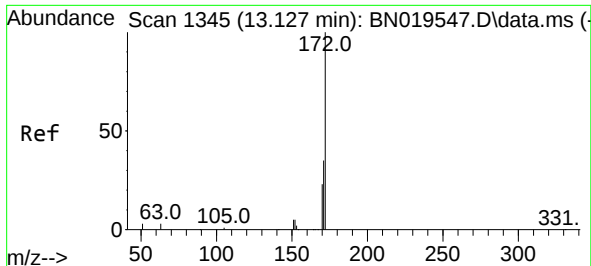
Tgt Ion:164 Resp: 5323
Ion Ratio Lower Upper
164 100
162 105.9 81.8 122.6
160 51.1 38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion:330 Resp: 633
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 52.6 39.7 59.5

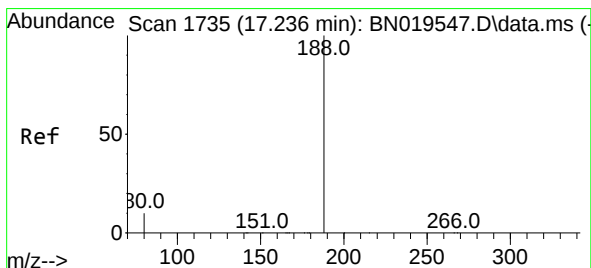
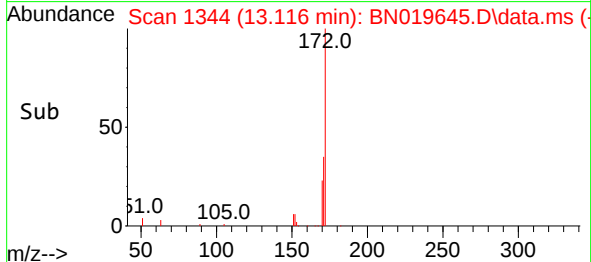
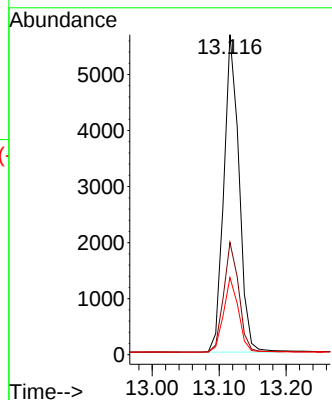
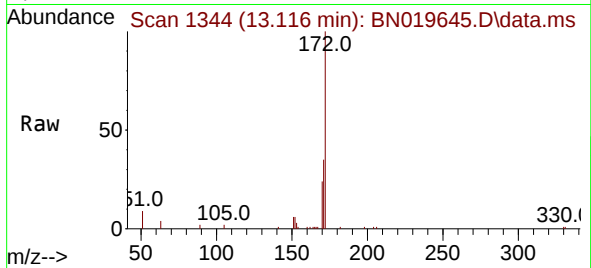




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

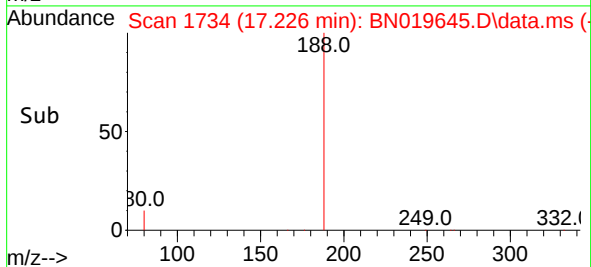
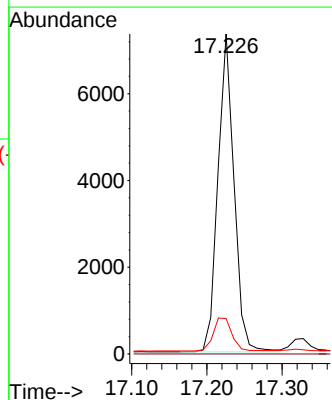
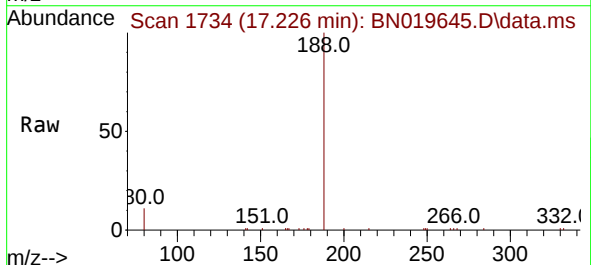
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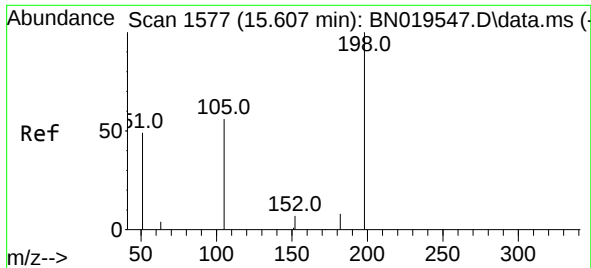
Tgt Ion:172 Resp: 8968
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 24.1 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion:188 Resp: 10899
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 8.6 12.8

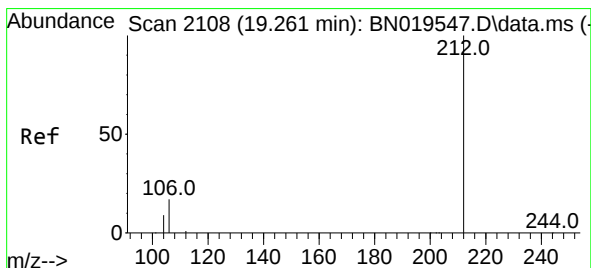
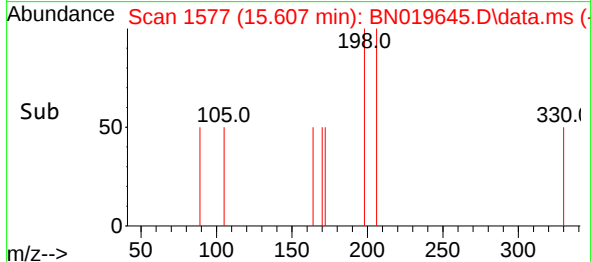
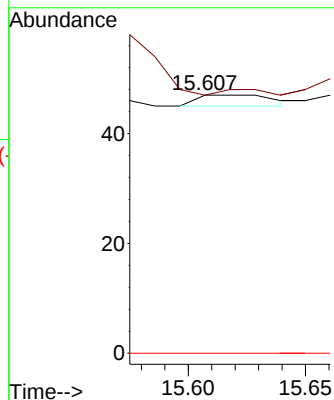
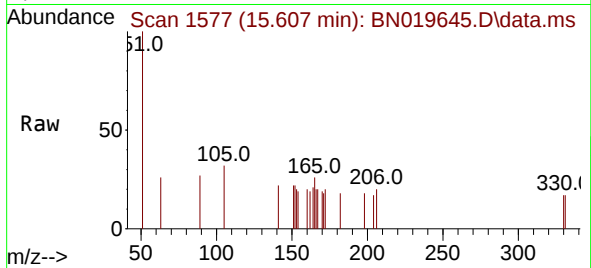




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.607 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

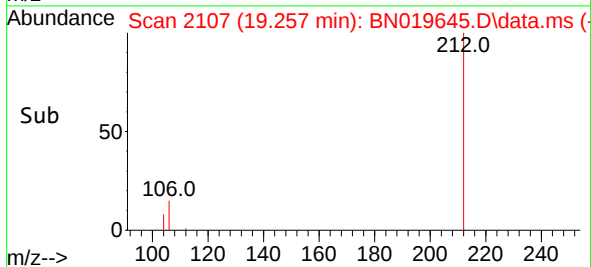
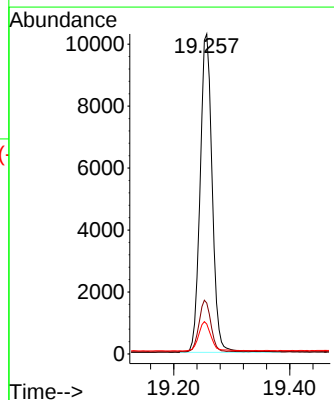
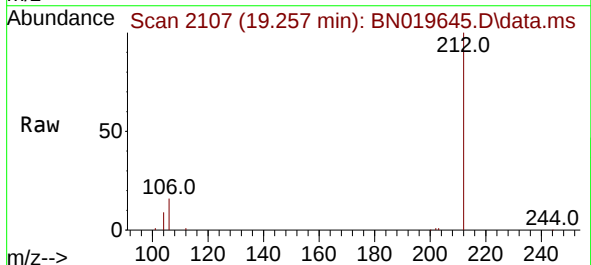
Instrument :
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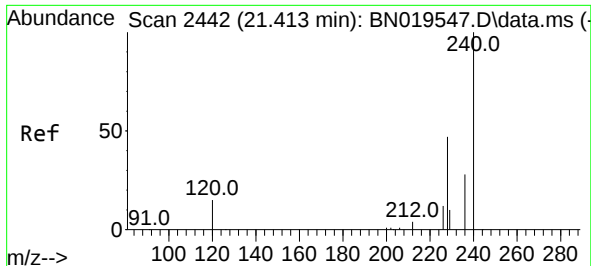
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 100.0 16.9 25.3#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.479 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.004 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion:212 Resp: 14854
Ion Ratio Lower Upper
212 100
106 15.9 13.5 20.3
104 9.4 7.6 11.4

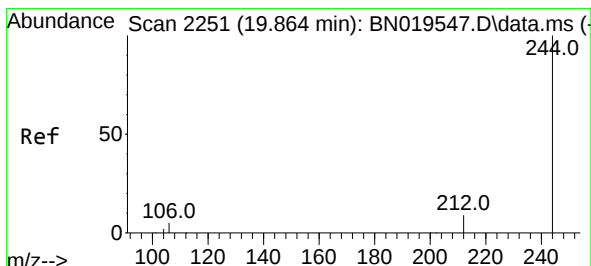
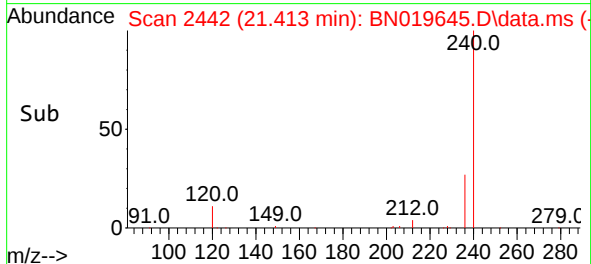
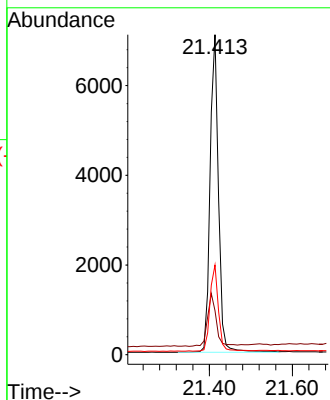
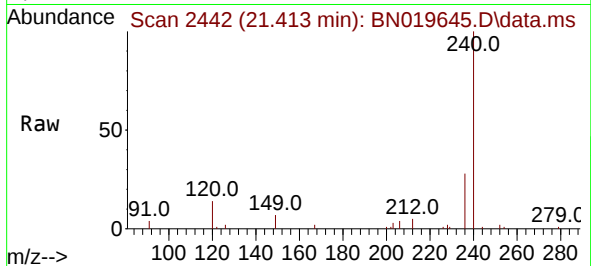




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

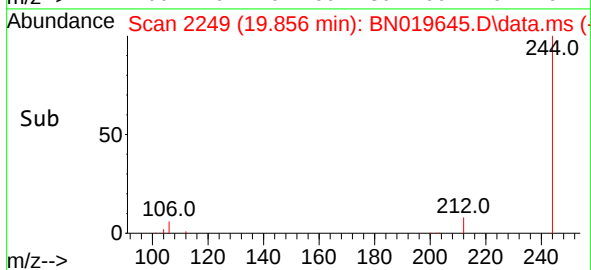
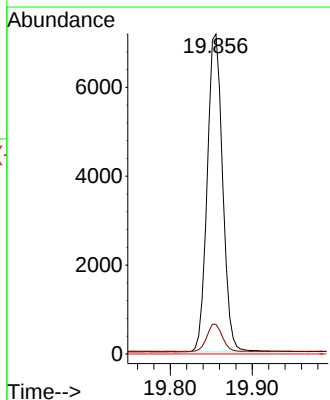
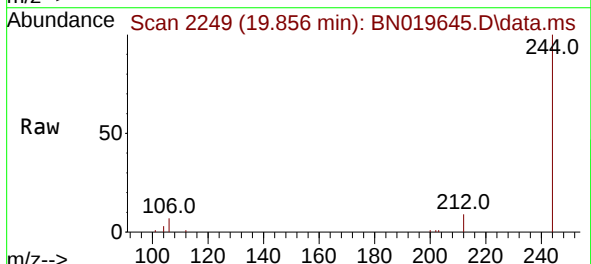
Instrument :
BNA_N
ClientSampleId :
MWBR3-B-117-137-042922

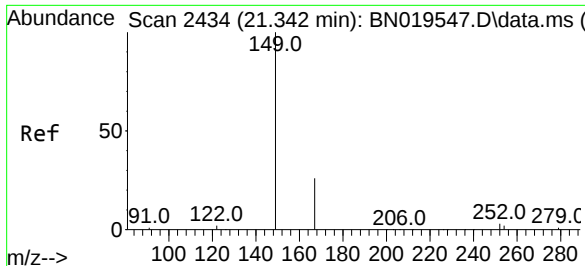
Tgt Ion:240 Resp: 9996
Ion Ratio Lower Upper
240 100
120 13.7 17.4 26.2#
236 28.0 23.0 34.4



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019645.D
Acq: 03 May 2022 11:41

Tgt Ion:244 Resp: 9340
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 0.0 0.0 0.0

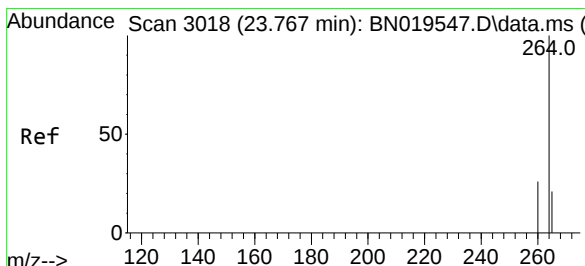
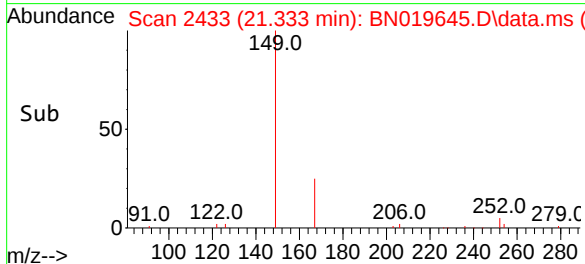
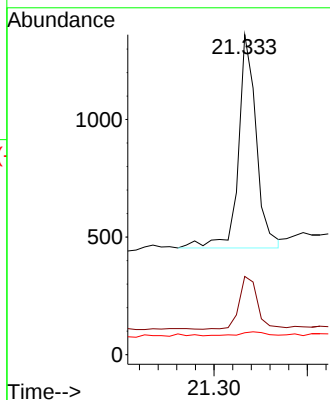
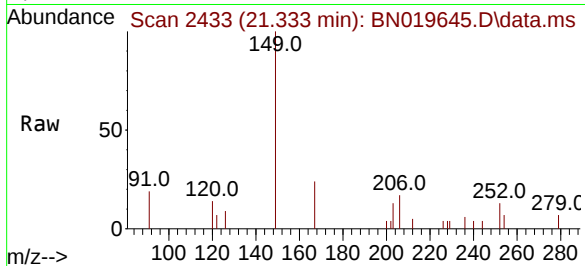




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.009 min
 Lab File: BN019645.D
 Acq: 03 May 2022 11:41

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3-B-117-137-042922

Tgt Ion:149 Resp: 1209
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.7 32.5
 279 2.2 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.761 min Scan# 3016
 Delta R.T. -0.006 min
 Lab File: BN019645.D
 Acq: 03 May 2022 11:41

Tgt Ion:264 Resp: 8439
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.0 31.6
 265 60.8 67.9 101.9#

