

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019140.D
 Acq On : 24 Mar 2022 23:32
 Operator : CG/JU
 Sample : N2075-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-178I-20220322

Quant Time: Mar 25 04:30:09 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)

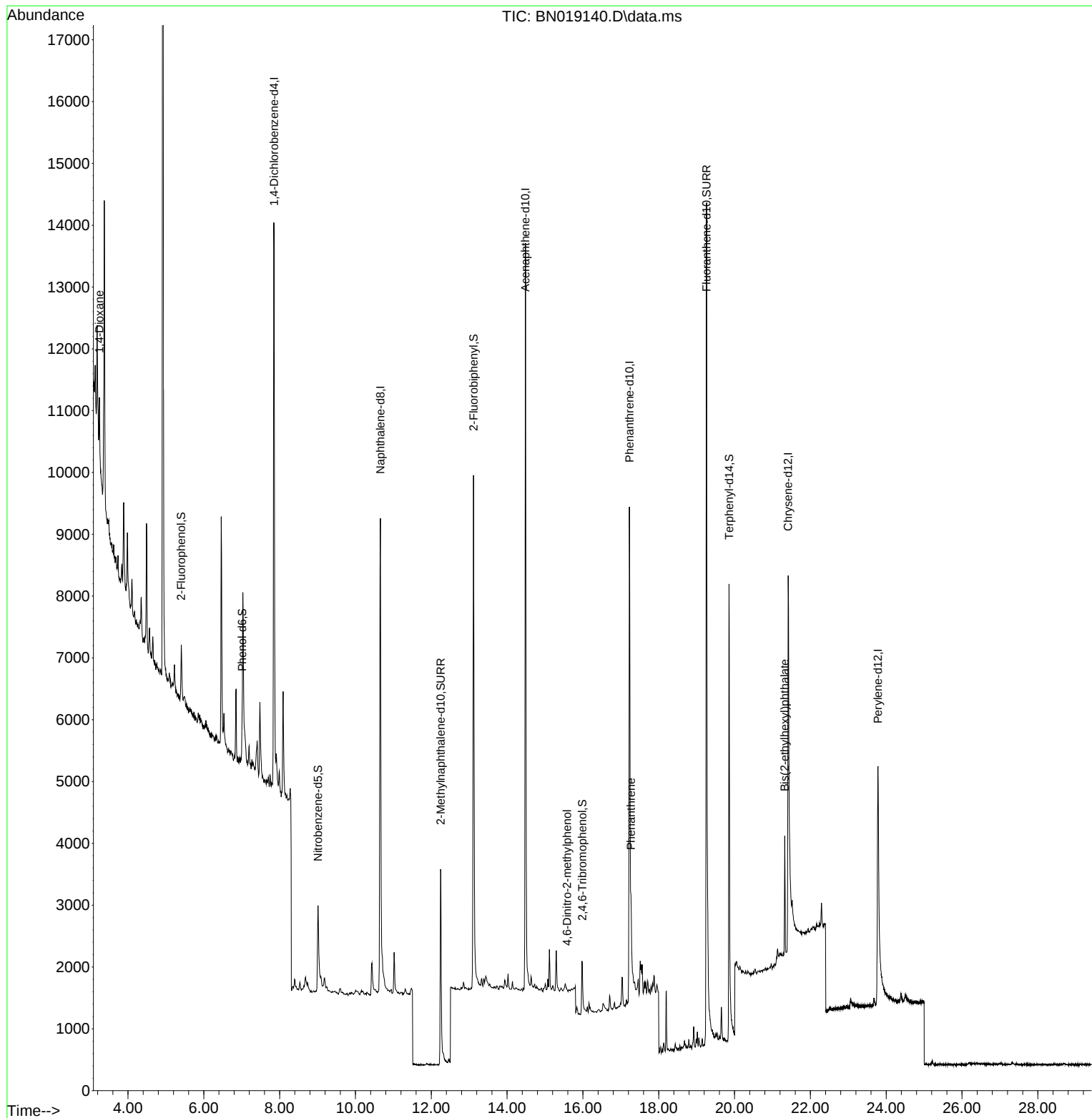
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4725	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12486	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	7381	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	15261	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	11104	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	8770	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	897	0.085	ng	0.00
5) Phenol-d6	7.009	99	548	0.049	ng	0.00
8) Nitrobenzene-d5	9.014	82	1981	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	5501	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	692	0.194	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	8152	0.276	ng	-0.01
27) Fluoranthene-d10	19.261	212	19135	0.423	ng	0.00
31) Terphenyl-d14	19.856	244	10399	0.381	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	521	0.089	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.586	198	2	0.110	ng	# 1
25) Phenanthrene	17.267	178	1112	0.023	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.324	149	1685	0.074	ng	# 99

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

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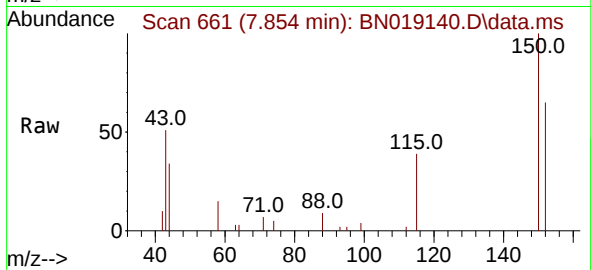
Quant Time: Mar 25 04:30:09 2022
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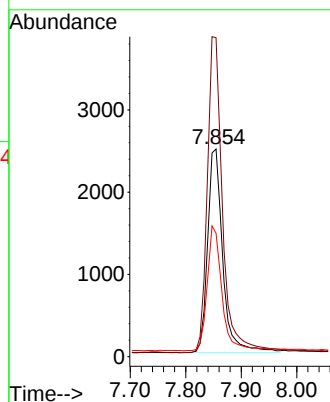
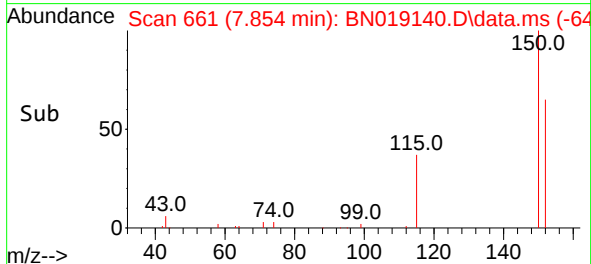


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019140.D
 Acq: 24 Mar 2022 23:32

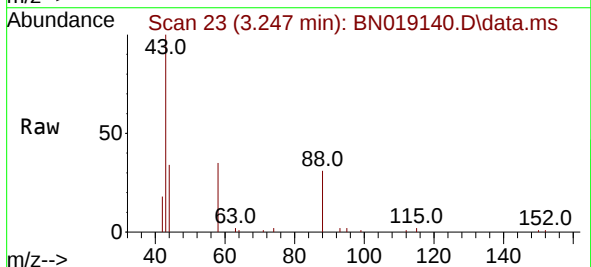
Instrument :
 BNA_N
 ClientSampleId :
 MW-178I-20220322



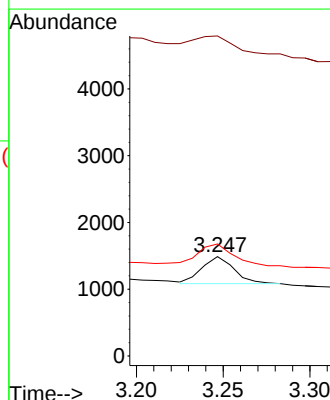
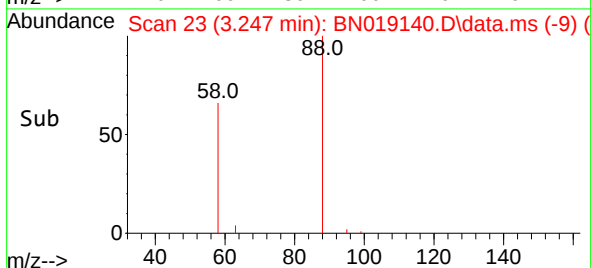
Tgt Ion:152 Resp: 4725
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.9 185.9
 115 59.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.089 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019140.D
 Acq: 24 Mar 2022 23:32



Tgt Ion: 88 Resp: 521
 Ion Ratio Lower Upper
 88 100
 43 80.6 24.6 37.0#
 58 93.1 65.4 98.2

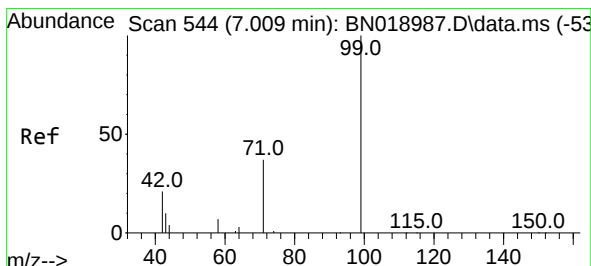
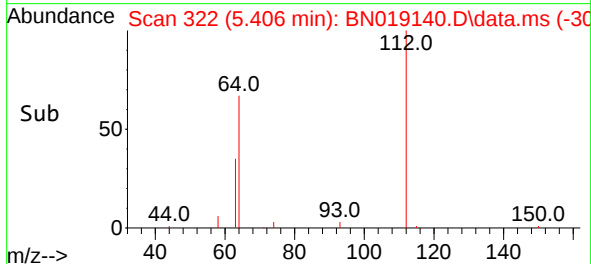
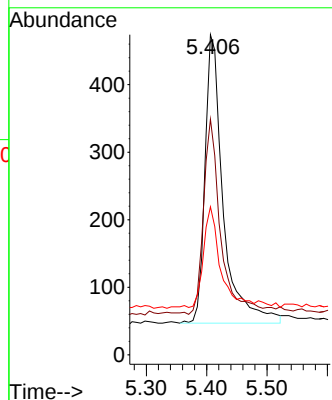
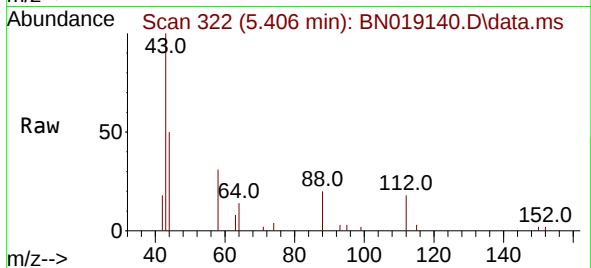




#4
2-Fluorophenol
Concen: 0.085 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

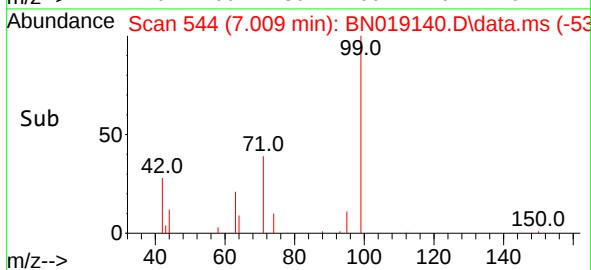
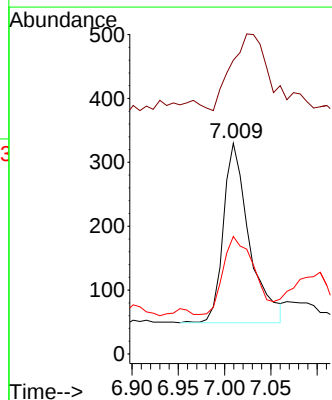
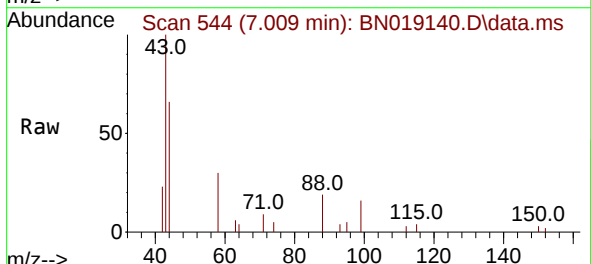
Instrument :
BNA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion:112 Resp: 897
Ion Ratio Lower Upper
112 100
64 63.2 47.8 71.8
63 33.3 25.7 38.5



#5
Phenol-d6
Concen: 0.049 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

Tgt Ion: 99 Resp: 548
Ion Ratio Lower Upper
99 100
42 64.1 16.2 24.4#
71 52.0 27.7 41.5#

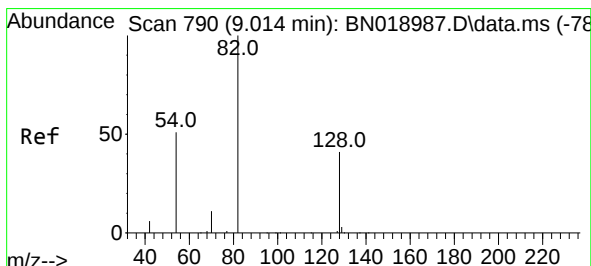
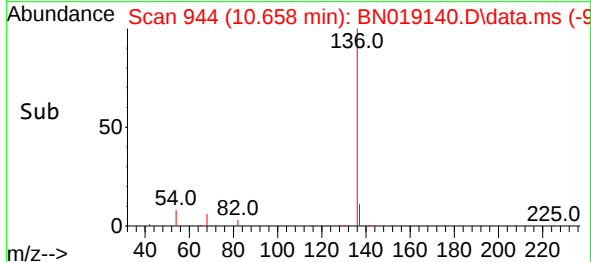
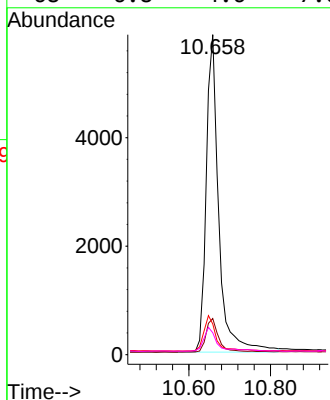
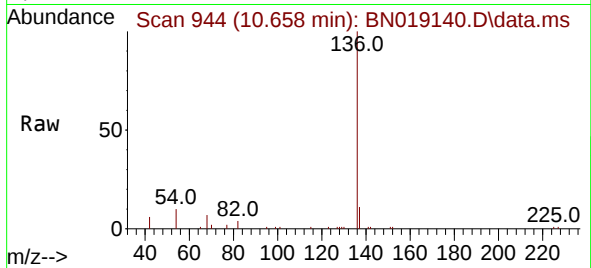




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

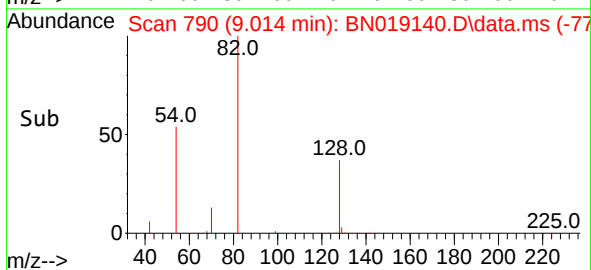
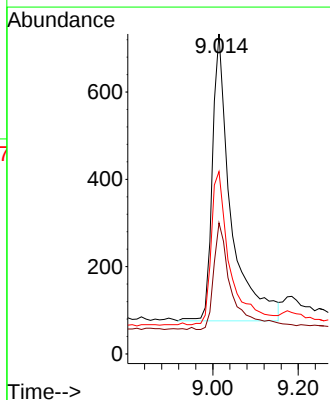
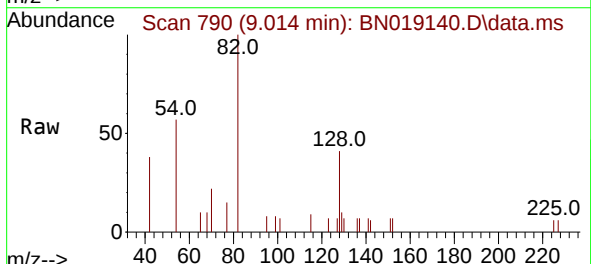
Instrument :
BNA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion:	136	Resp:	12486
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	9.6	5.8	8.6#
68	6.8	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

Tgt Ion:	82	Resp:	1981
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.6
54	57.0	42.5	63.7

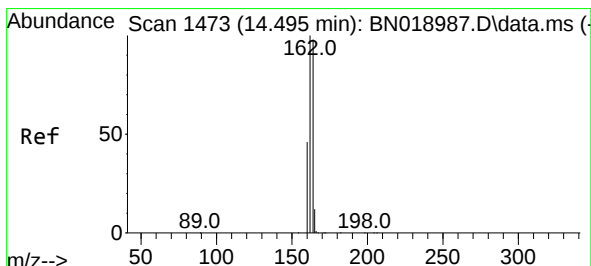
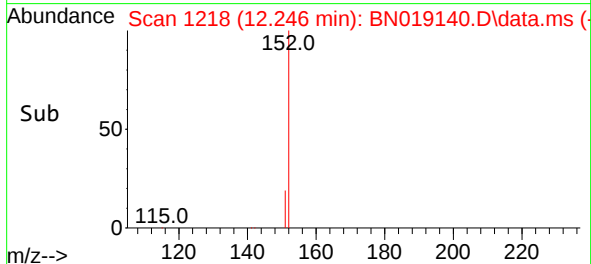
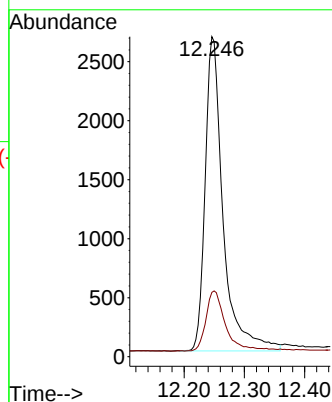
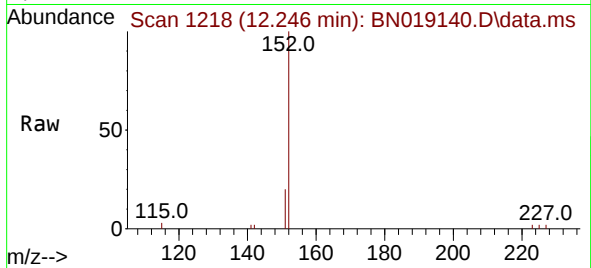




#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

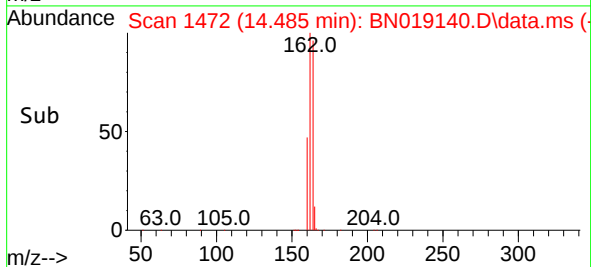
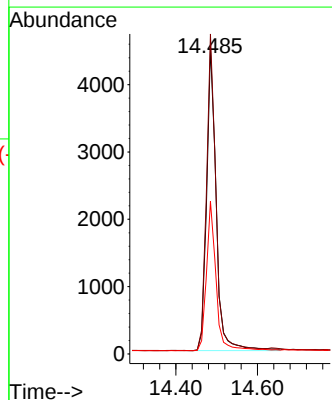
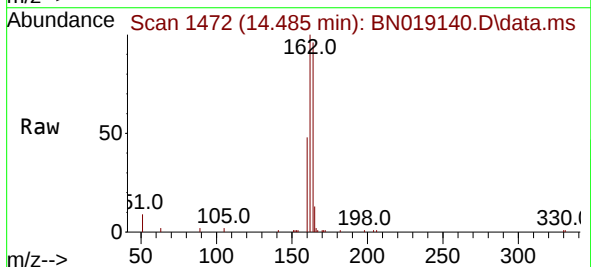
Instrument :
BNA_N
ClientSampleId :
MW-178I-20220322

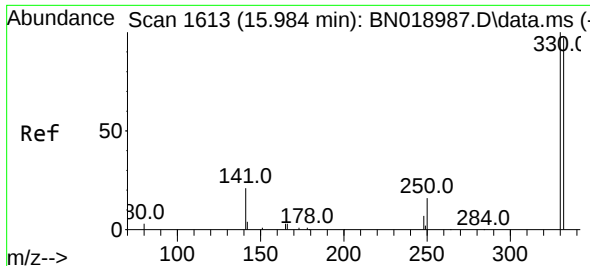
Tgt Ion:152 Resp: 5501
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

Tgt Ion:164 Resp: 7381
Ion Ratio Lower Upper
164 100
162 104.5 85.2 127.8
160 49.9 41.5 62.3

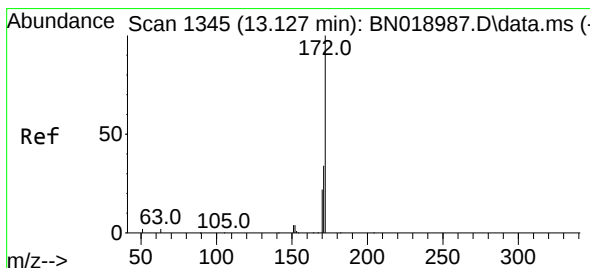
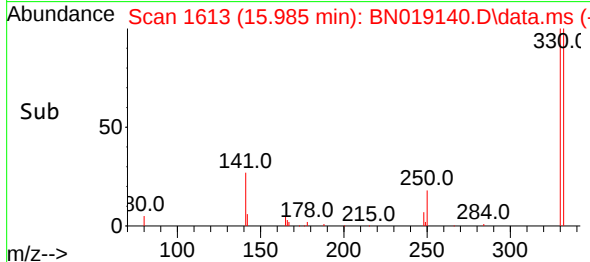
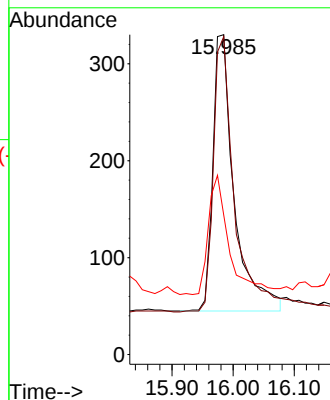
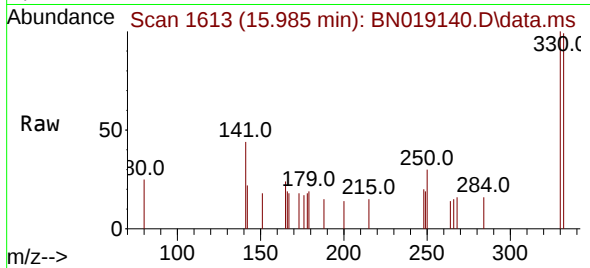




#14
 2,4,6-Tribromophenol
 Concen: 0.194 ng
 RT: 15.985 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BN019140.D
 Acq: 24 Mar 2022 23:32

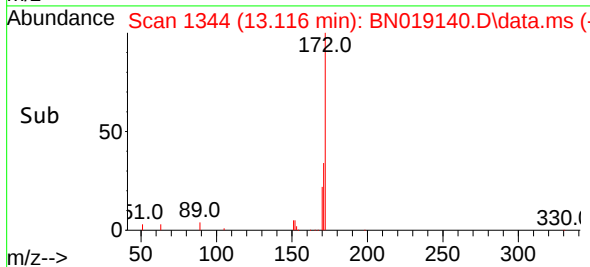
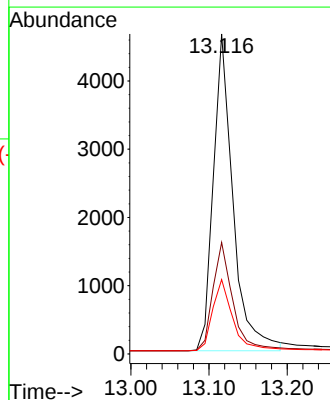
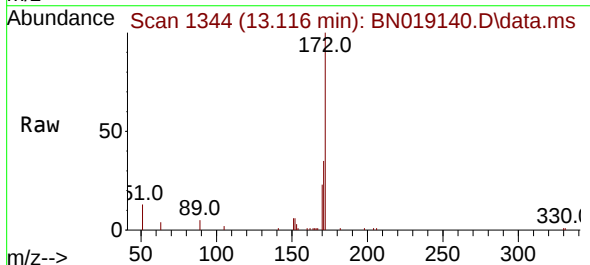
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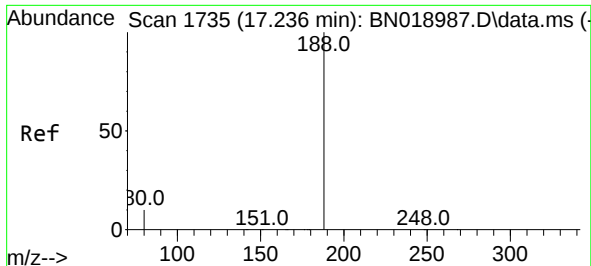
Tgt Ion: 330 Resp: 692
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.8 115.2
 141 41.8 32.2 48.2



#15
 2-Fluorobiphenyl
 Concen: 0.276 ng
 RT: 13.116 min Scan# 1344
 Delta R.T. -0.011 min
 Lab File: BN019140.D
 Acq: 24 Mar 2022 23:32

Tgt Ion: 172 Resp: 8152
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 23.2 18.7 28.1

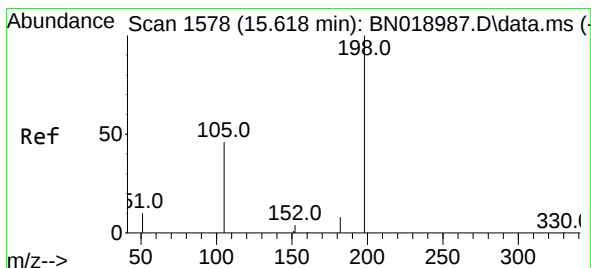
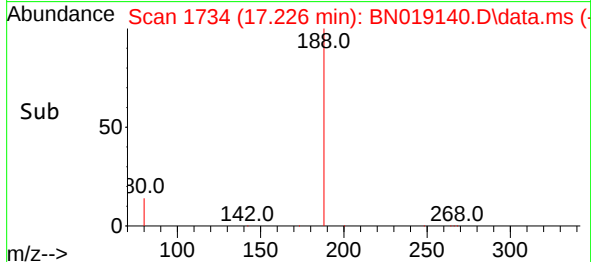
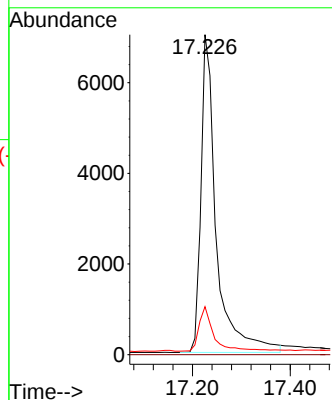
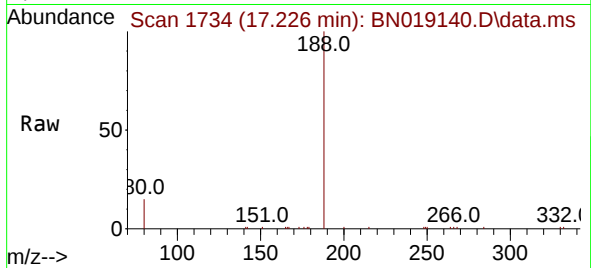




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

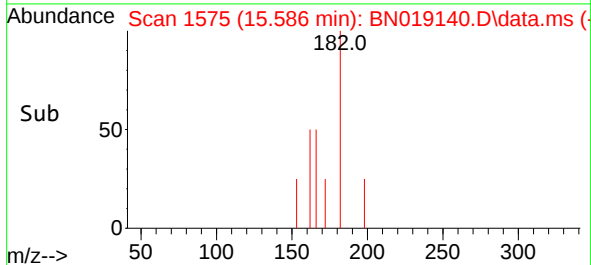
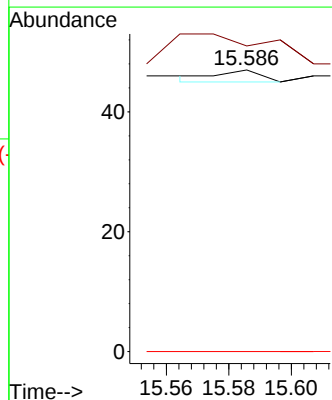
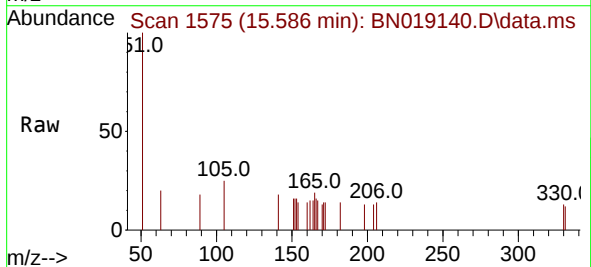
Instrument :
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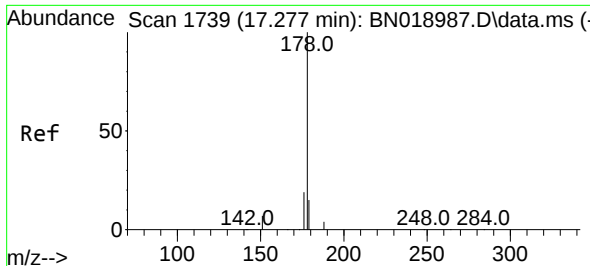
Tgt Ion:188 Resp: 15261
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.586 min Scan# 1575
Delta R.T. -0.032 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

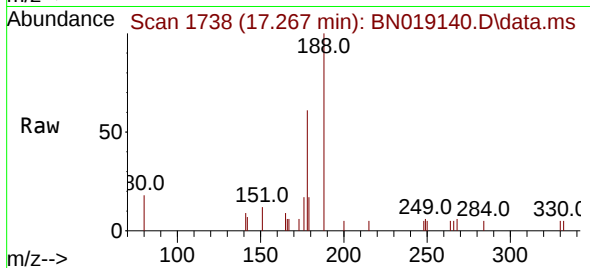
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 108.5 13.0 19.4#
77 0.0 0.0 0.0



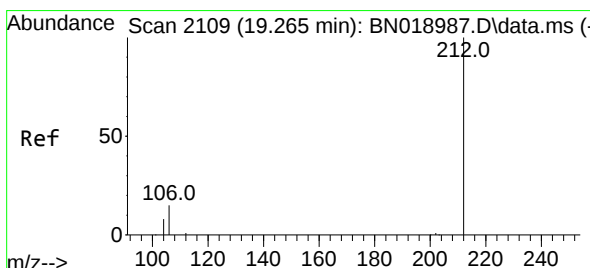
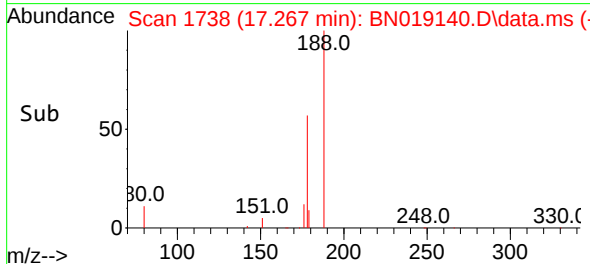
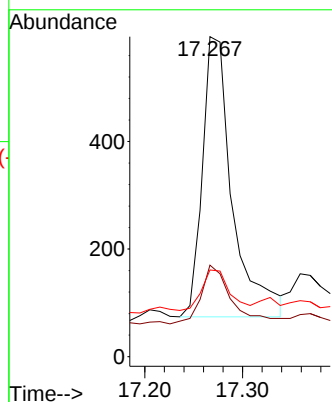


#25
Phenanthrene
Concen: 0.023 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

Instrument :
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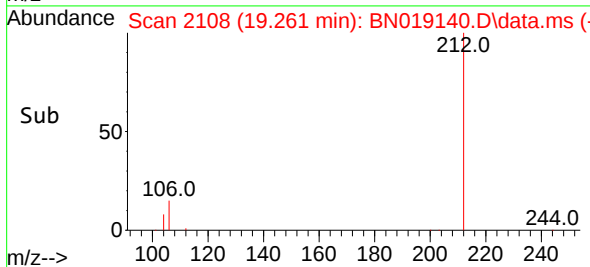
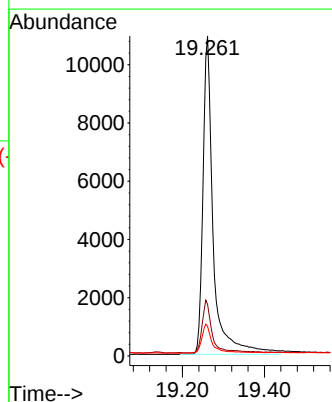
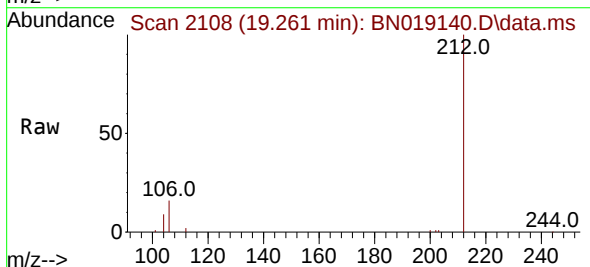


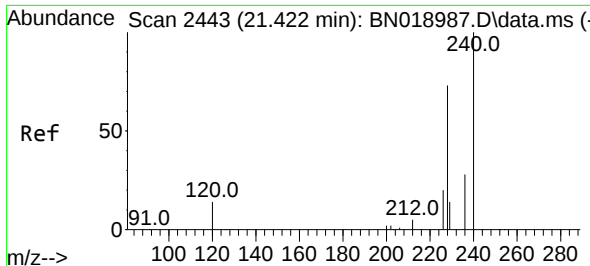
Tgt Ion:178 Resp: 1112
Ion Ratio Lower Upper
178 100
176 23.8 15.4 23.0#
179 13.1 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

Tgt Ion:212 Resp: 19135
Ion Ratio Lower Upper
212 100
106 16.0 12.7 19.1
104 9.2 7.1 10.7

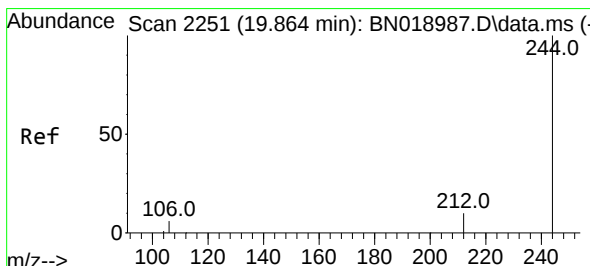
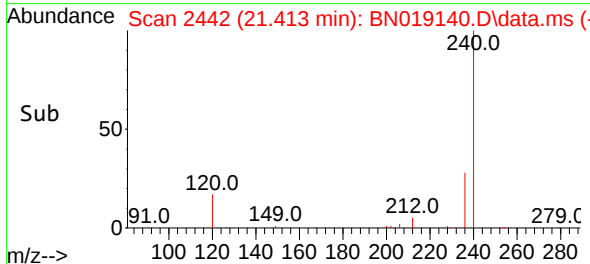
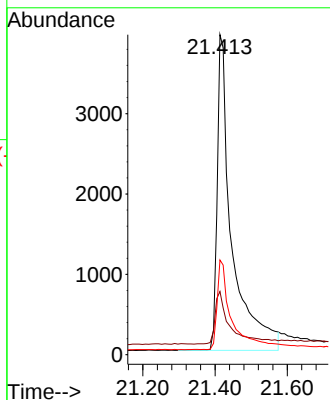
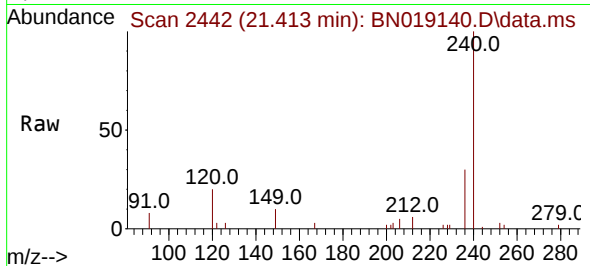




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

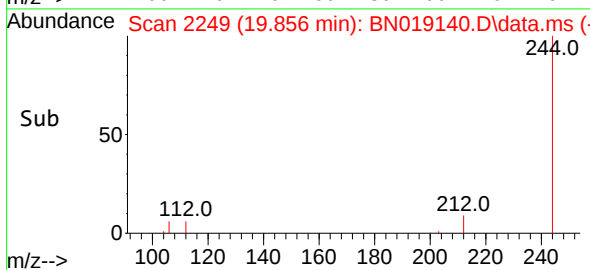
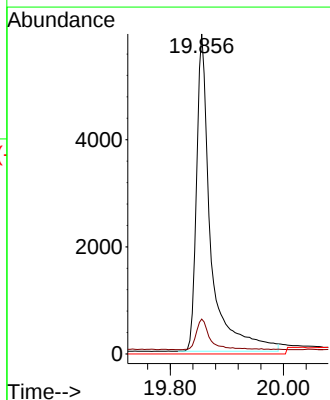
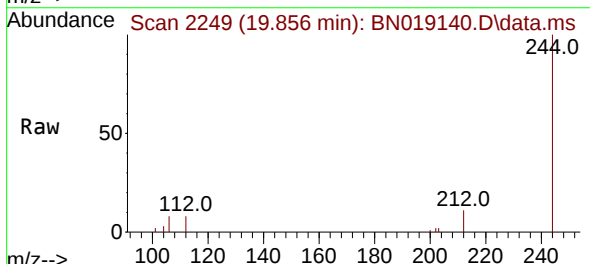
Instrument :
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ClientSampleId :
MW-178I-20220322

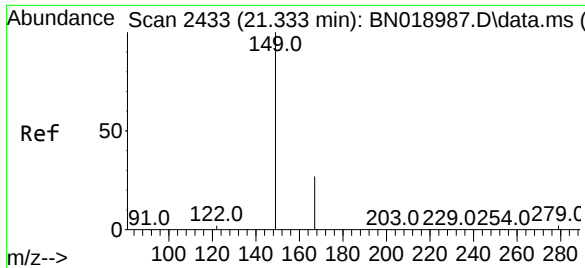
Tgt Ion:240 Resp: 11104
Ion Ratio Lower Upper
240 100
120 19.8 8.5 12.7#
236 29.6 22.4 33.6



#31
Terphenyl-d14
Concen: 0.381 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019140.D
Acq: 24 Mar 2022 23:32

Tgt Ion:244 Resp: 10399
Ion Ratio Lower Upper
244 100
212 10.9 8.2 12.4
122 0.0 0.0 0.0

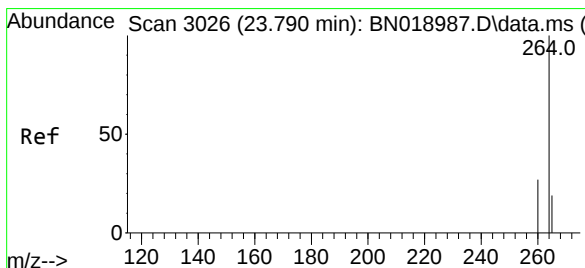
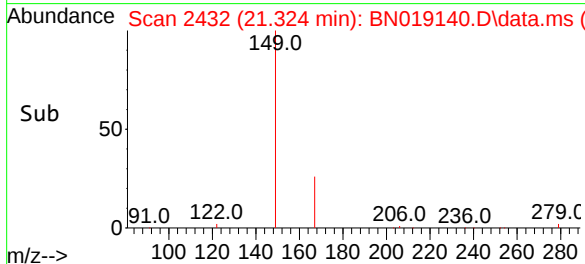
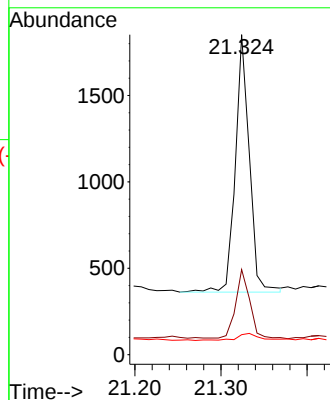
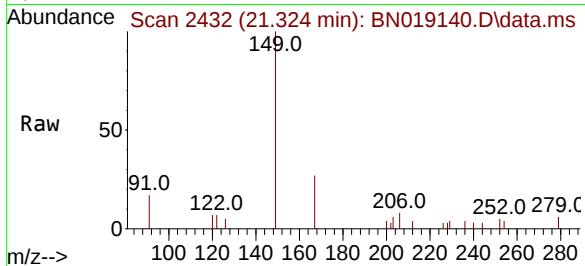




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019140.D
 Acq: 24 Mar 2022 23:32

Instrument :
 BNA_N
 ClientSampleId :
 MW-178I-20220322

Tgt Ion:149 Resp: 1685
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 4.7 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.782 min Scan# 3023
 Delta R.T. -0.009 min
 Lab File: BN019140.D
 Acq: 24 Mar 2022 23:32

Tgt Ion:264 Resp: 8770
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.4 33.6
 265 42.3 25.3 37.9#

