

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019051.D
 Acq On : 22 Mar 2022 09:28
 Operator : CG/JU
 Sample : N2000-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-132D2-20220315

Quant Time: Mar 22 12:18:34 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)

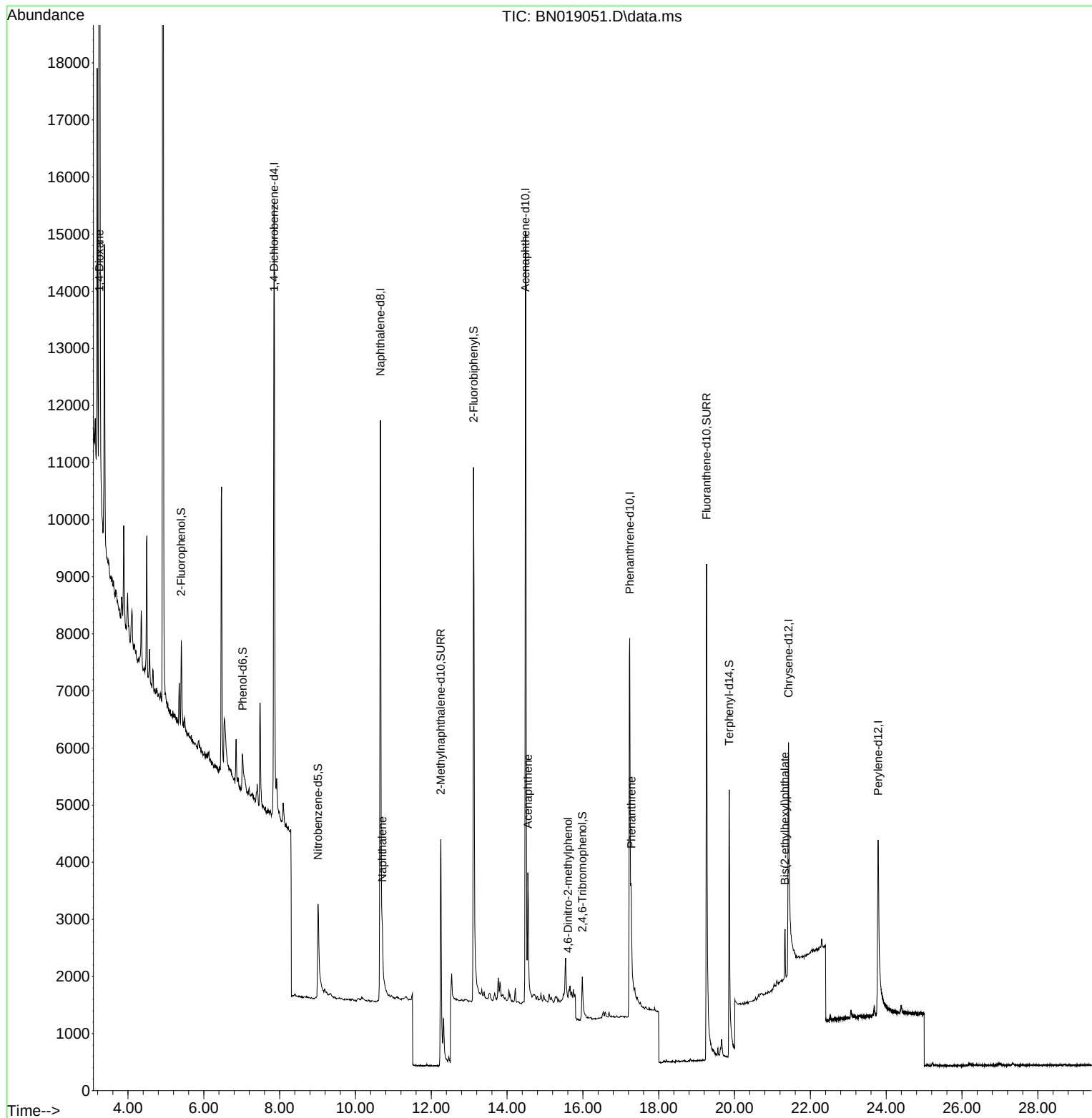
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5996	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	16429	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	9519	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	15014	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	8007	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	7086	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1434	0.107	ng	0.00
5) Phenol-d6	7.024	99	644	0.046	ng	0.01
8) Nitrobenzene-d5	9.014	82	2561	0.216	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	7398	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	667	0.145	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	10017	0.263	ng	-0.01
27) Fluoranthene-d10	19.261	212	13635	0.306	ng	0.00
31) Terphenyl-d14	19.860	244	7667	0.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	33805	4.562	ng	98
9) Naphthalene	10.712	128	1261	0.027	ng	# 81
17) Acenaphthene	14.549	154	1072	0.035	ng	93
20) 4,6-Dinitro-2-methylph...	15.607	198	2	0.110	ng	# 1
25) Phenanthrene	17.277	178	1798	0.038	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.333	149	992	0.061	ng	# 99

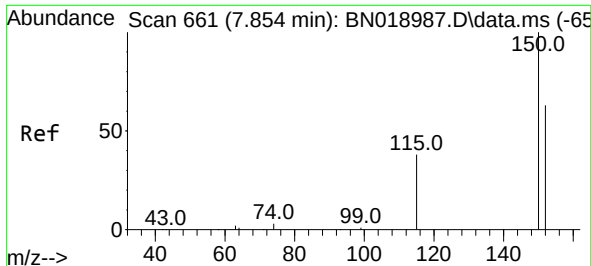
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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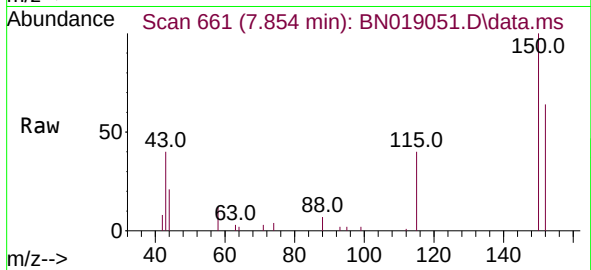
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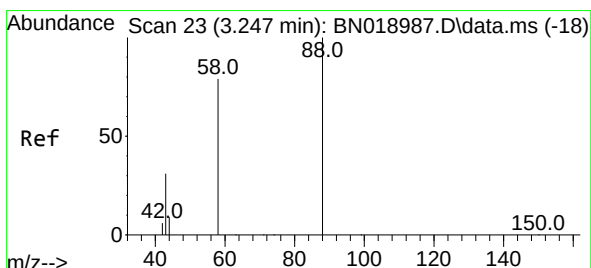
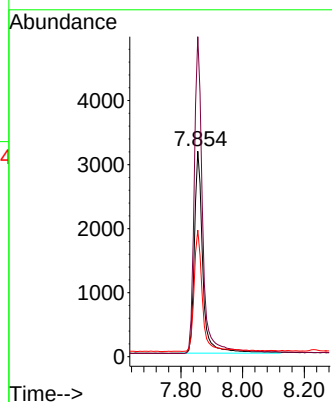
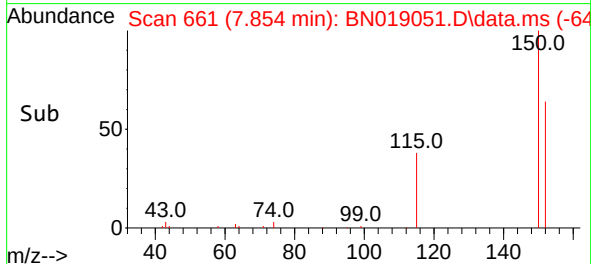


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

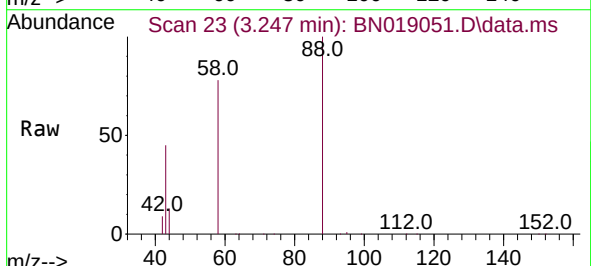
Instrument :
BNA_N
ClientSampleId :
RE-132D2-20220315



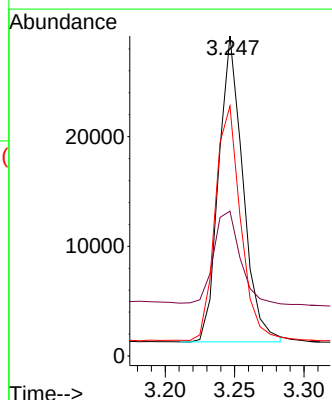
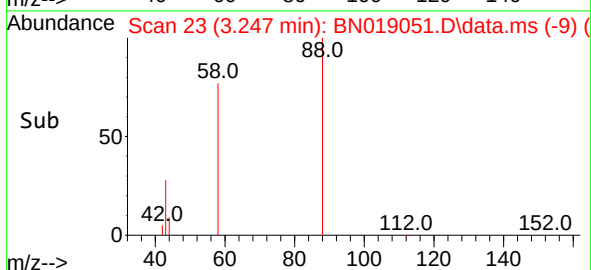
Tgt Ion:152 Resp: 5996
Ion Ratio Lower Upper
152 100
150 155.7 123.9 185.9
115 61.6 48.2 72.4

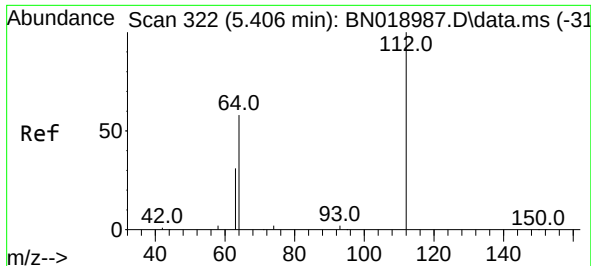


#2
1,4-Dioxane
Concen: 4.562 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28



Tgt Ion: 88 Resp: 33805
Ion Ratio Lower Upper
88 100
43 32.9 24.6 37.0
58 80.3 65.4 98.2





#4

2-Fluorophenol

Concen: 0.107 ng

RT: 5.406 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN019051.D

Acq: 22 Mar 2022 09:28

Instrument :

BNA_N

ClientSampleId :

RE-132D2-20220315

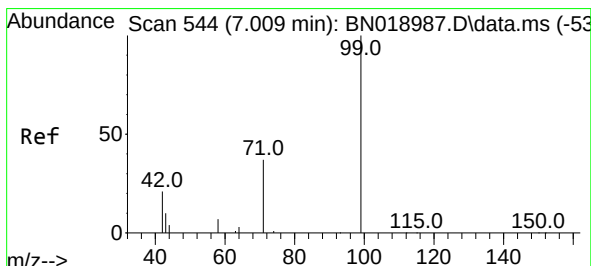
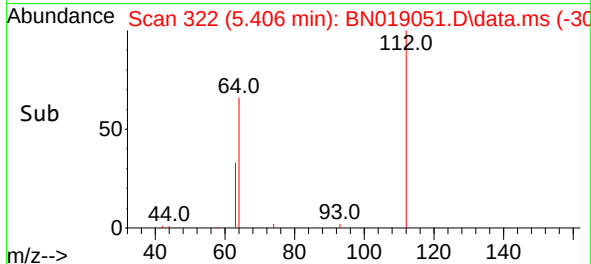
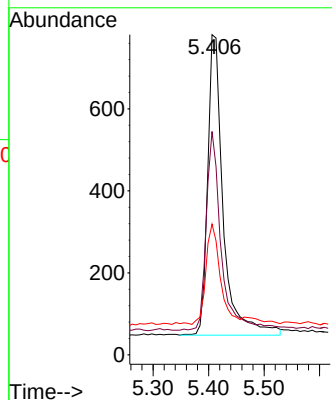
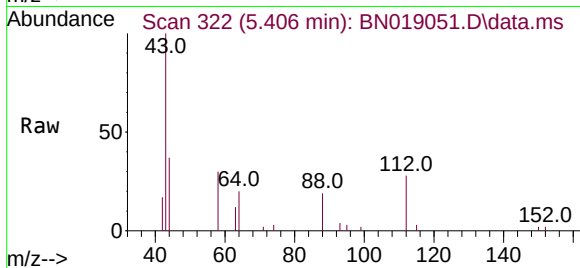
Tgt Ion:112 Resp: 1434

Ion Ratio Lower Upper

112 100

64 63.8 47.8 71.8

63 30.8 25.7 38.5



#5

Phenol-d6

Concen: 0.046 ng

RT: 7.024 min Scan# 546

Delta R.T. 0.015 min

Lab File: BN019051.D

Acq: 22 Mar 2022 09:28

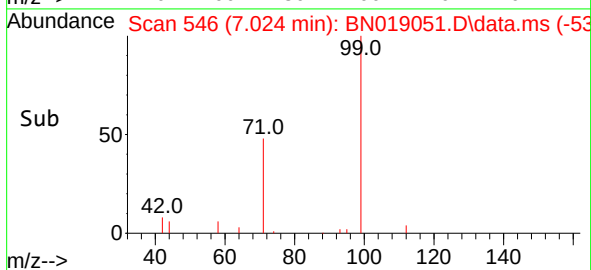
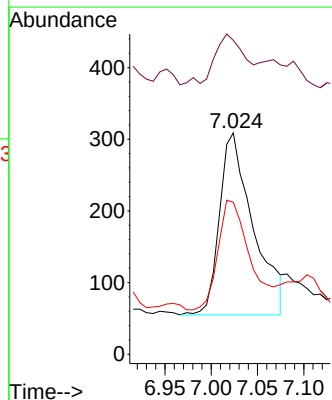
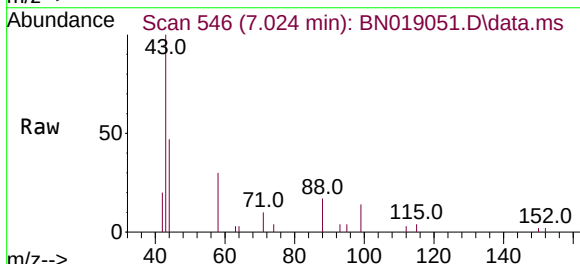
Tgt Ion: 99 Resp: 644

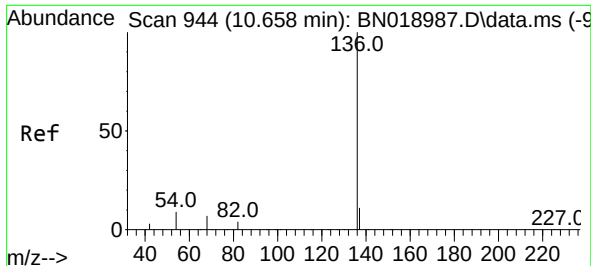
Ion Ratio Lower Upper

99 100

42 22.2 16.2 24.4

71 56.5 27.7 41.5#

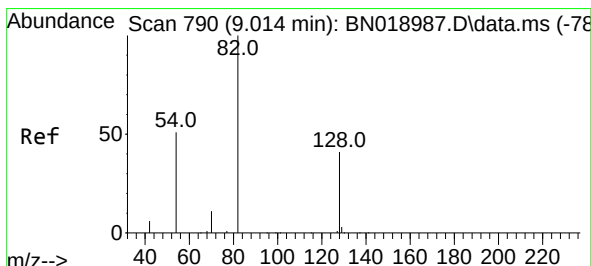
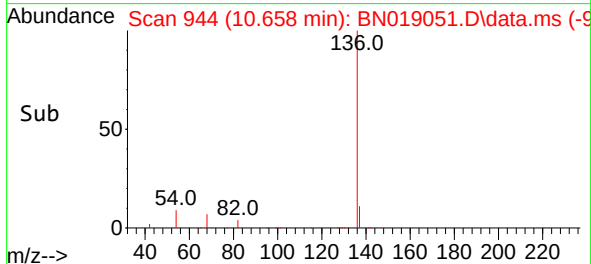
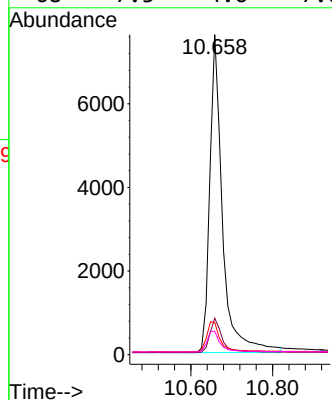
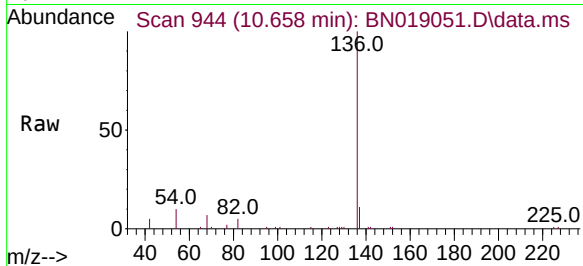




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

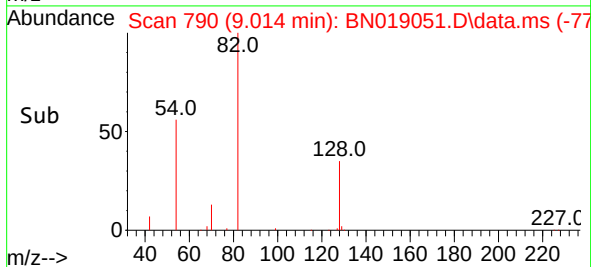
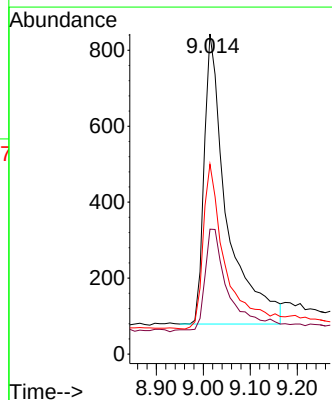
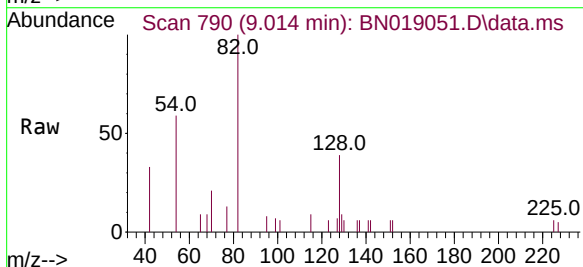
Instrument :
BNA_N
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RE-132D2-20220315

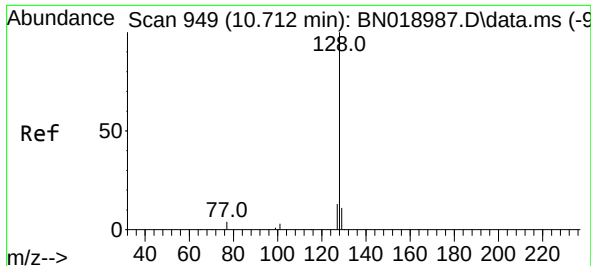
Tgt Ion:	136	Resp:	16429
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	10.1	5.8	8.6#
68	7.3	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

Tgt Ion:	82	Resp:	2561
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.0	49.6
54	59.3	42.5	63.7

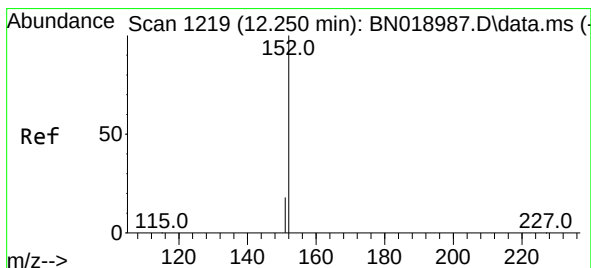
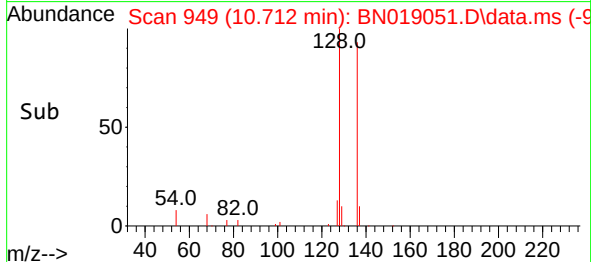
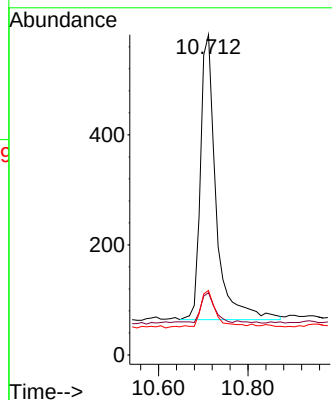
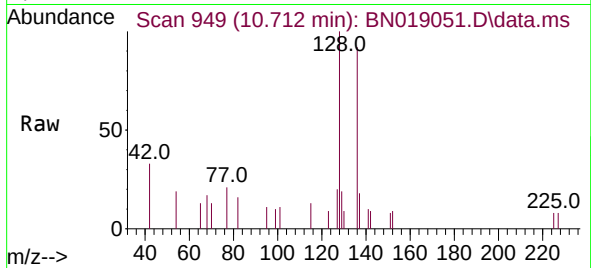




#9
Naphthalene
Concen: 0.027 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

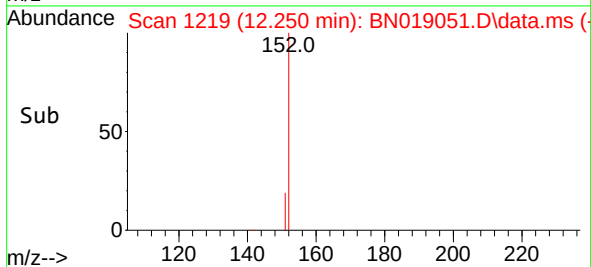
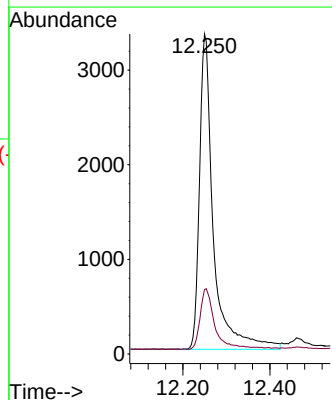
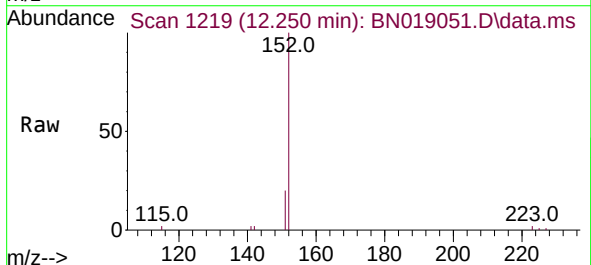
Instrument :
BNA_N
ClientSampleId :
RE-132D2-20220315

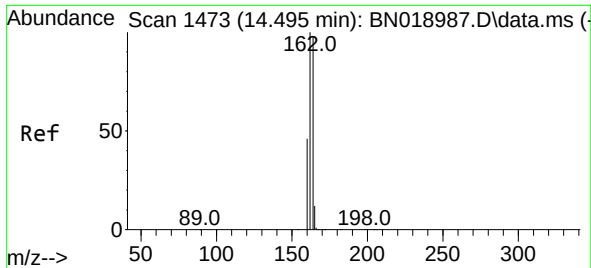
Tgt Ion:128 Resp: 1261
Ion Ratio Lower Upper
128 100
129 19.4 9.0 13.4#
127 20.1 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

Tgt Ion:152 Resp: 7398
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7

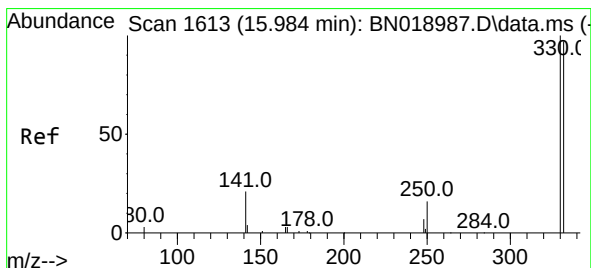
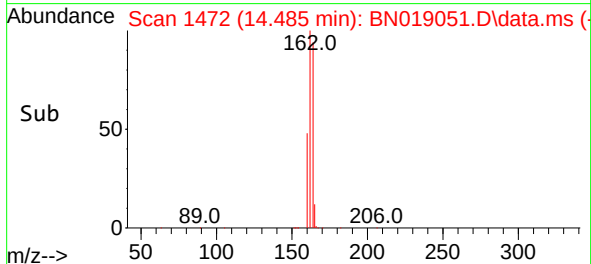
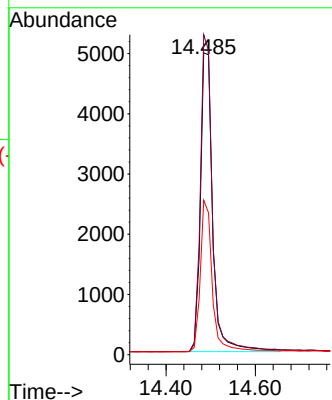
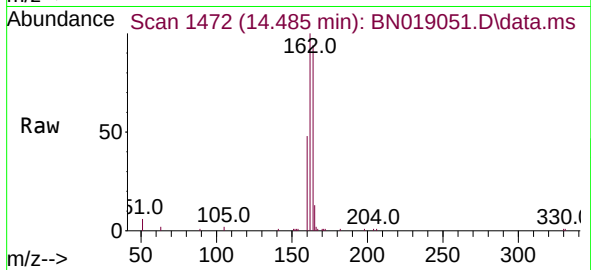




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

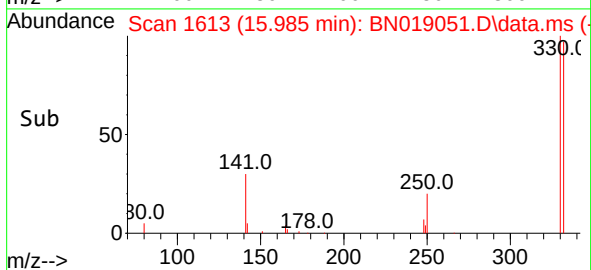
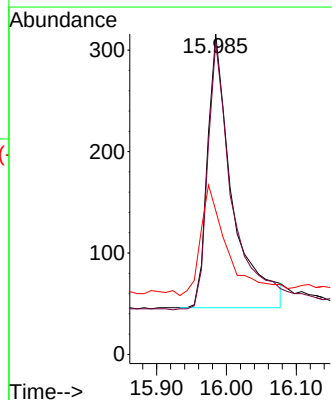
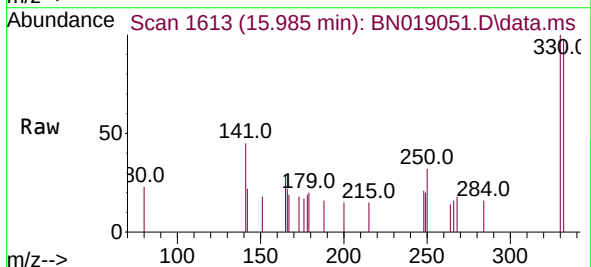
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ClientSampleId :
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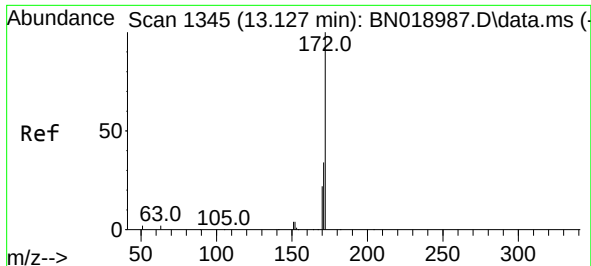
Tgt Ion:164 Resp: 9519
Ion Ratio Lower Upper
164 100
162 106.0 85.2 127.8
160 51.1 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.145 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

Tgt Ion:330 Resp: 667
Ion Ratio Lower Upper
330 100
332 98.8 76.8 115.2
141 43.3 32.2 48.2

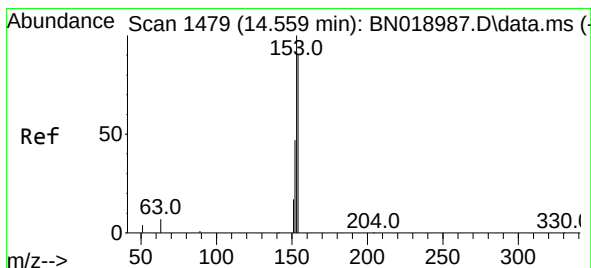
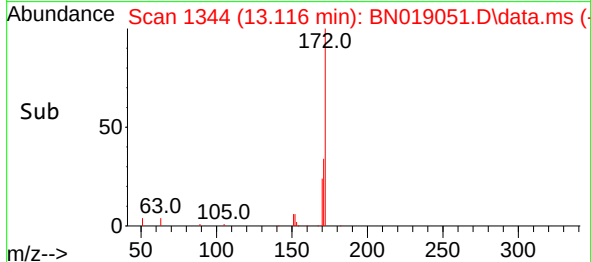
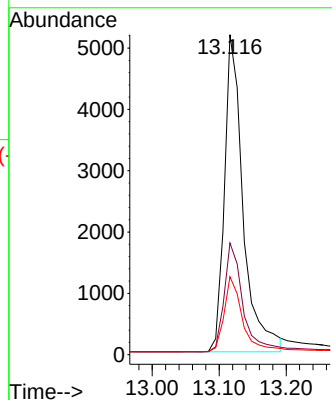
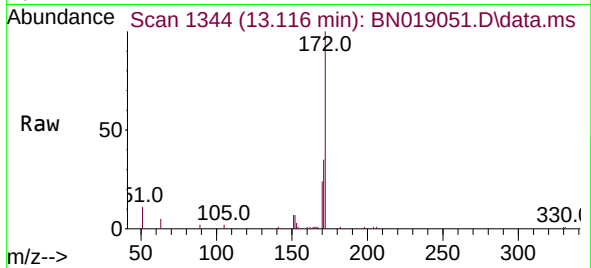




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

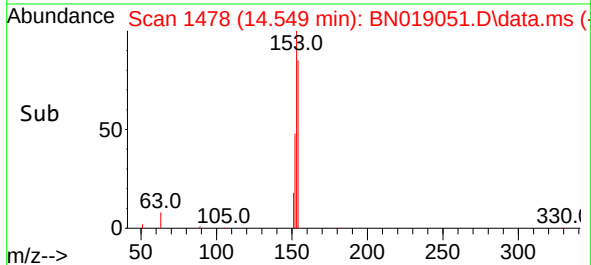
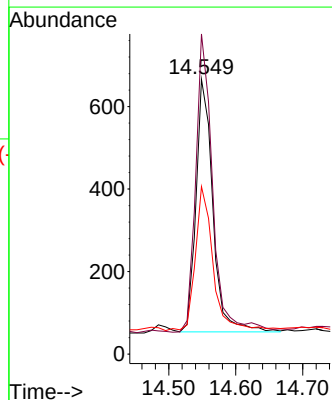
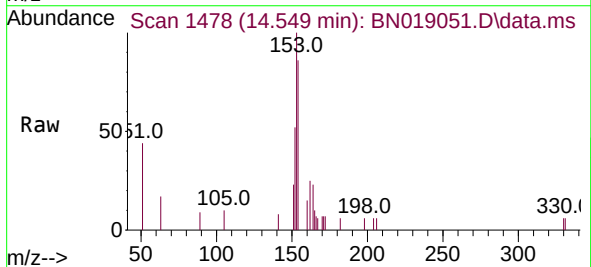
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RE-132D2-20220315

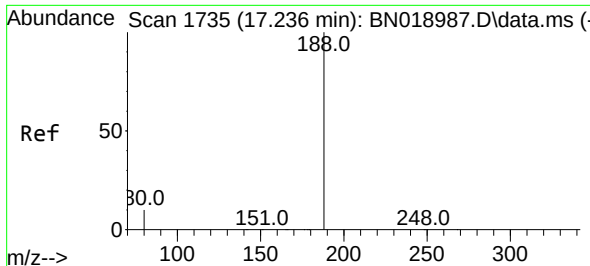
Tgt Ion:172 Resp: 10017
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 24.4 18.7 28.1



#17
Acenaphthene
Concen: 0.035 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

Tgt Ion:154 Resp: 1072
Ion Ratio Lower Upper
154 100
153 120.2 89.7 134.5
152 60.0 44.7 67.1

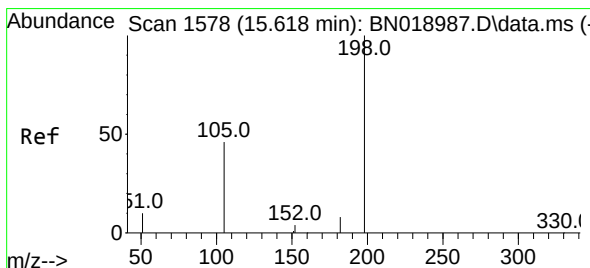
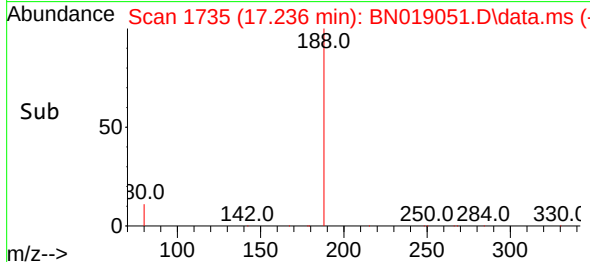
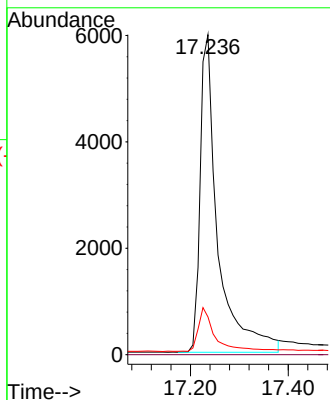
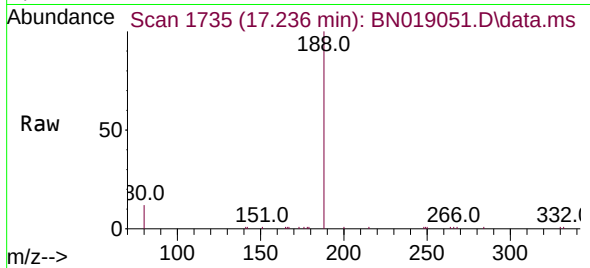




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

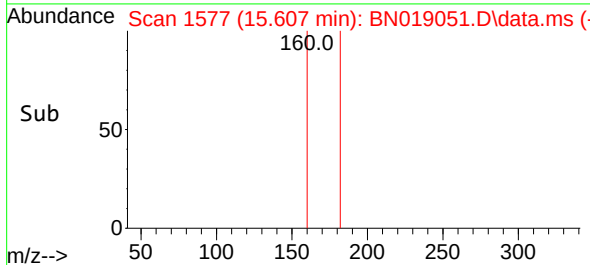
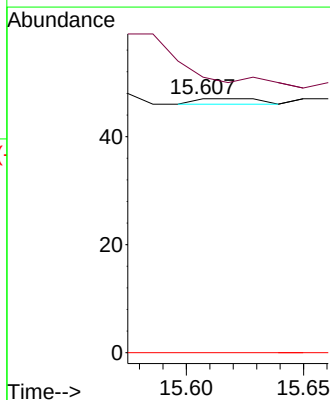
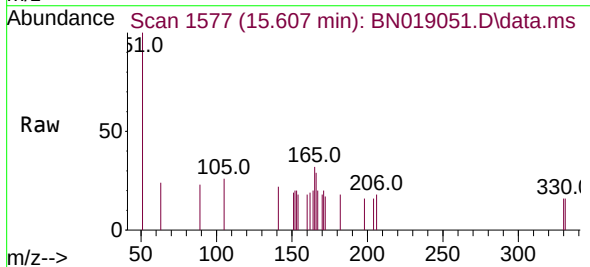
Instrument :
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RE-132D2-20220315

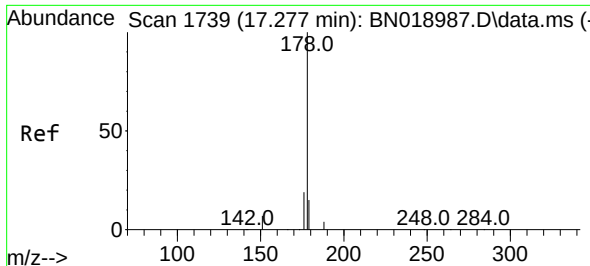
Tgt Ion:188 Resp: 15014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 11.8 17.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.607 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

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

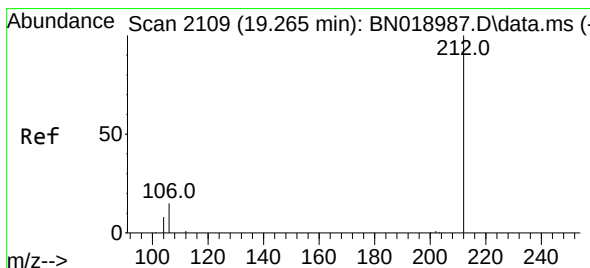
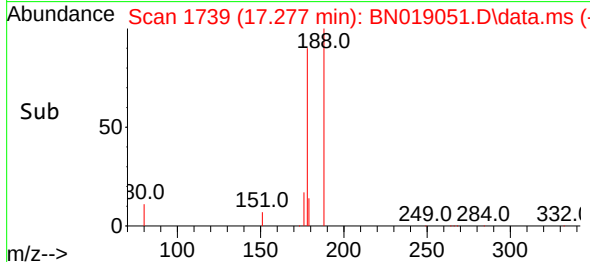
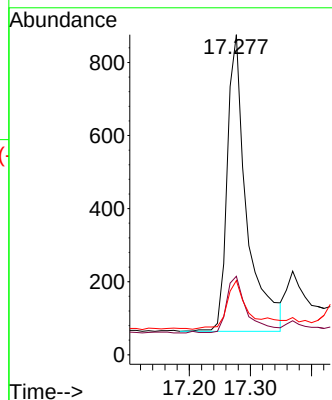
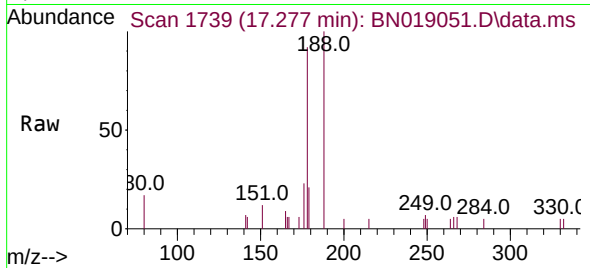




#25
Phenanthrene
Concen: 0.038 ng
RT: 17.277 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

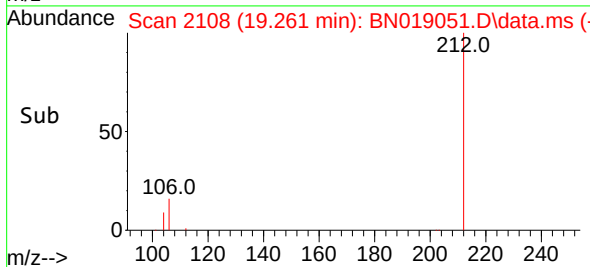
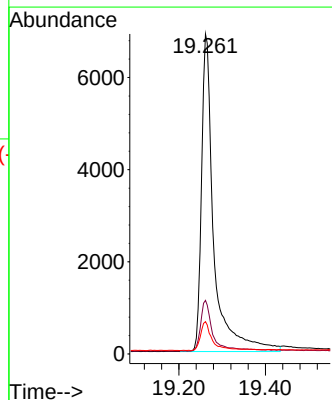
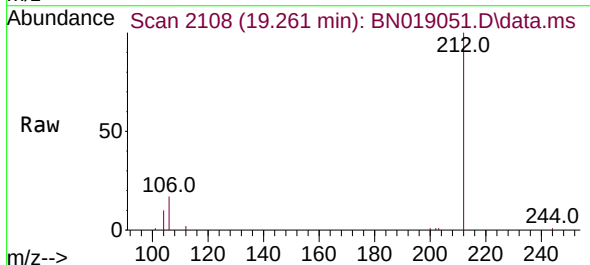
Instrument :
BNA_N
ClientSampleId :
RE-132D2-20220315

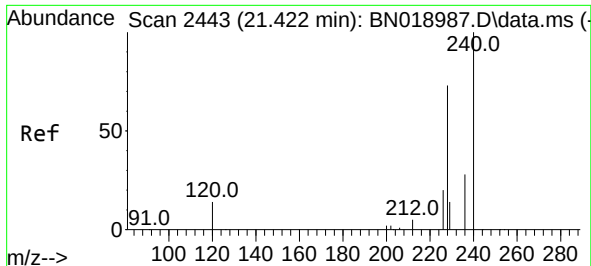
Tgt Ion:178 Resp: 1798
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 19.0 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.306 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019051.D
Acq: 22 Mar 2022 09:28

Tgt Ion:212 Resp: 13635
Ion Ratio Lower Upper
212 100
106 15.9 12.7 19.1
104 8.7 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.422 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BN019051.D

Acq: 22 Mar 2022 09:28

Instrument :

BNA_N

ClientSampleId :

RE-132D2-20220315

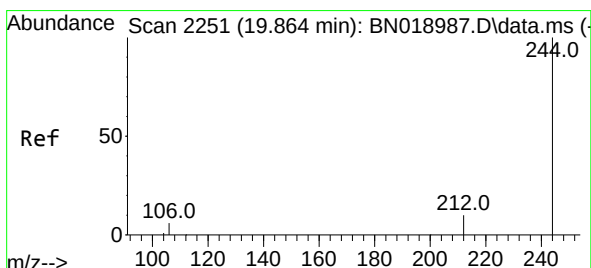
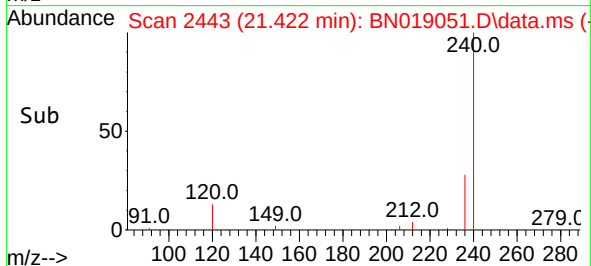
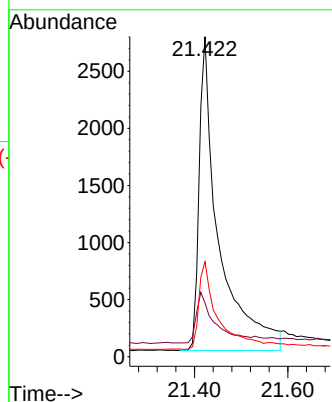
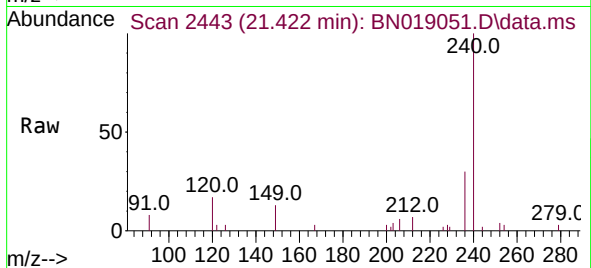
Tgt Ion:240 Resp: 8007

Ion Ratio Lower Upper

240 100

120 16.8 8.5 12.7#

236 29.7 22.4 33.6



#31

Terphenyl-d14

Concen: 0.390 ng

RT: 19.860 min Scan# 2250

Delta R.T. -0.004 min

Lab File: BN019051.D

Acq: 22 Mar 2022 09:28

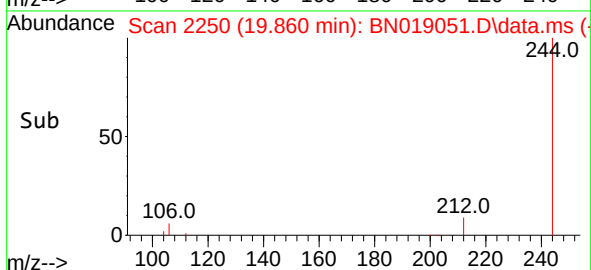
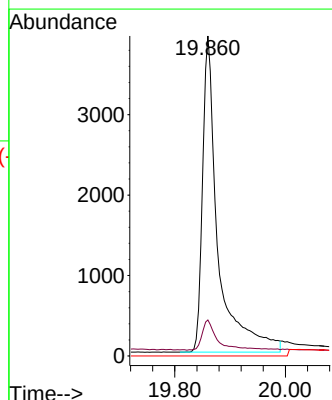
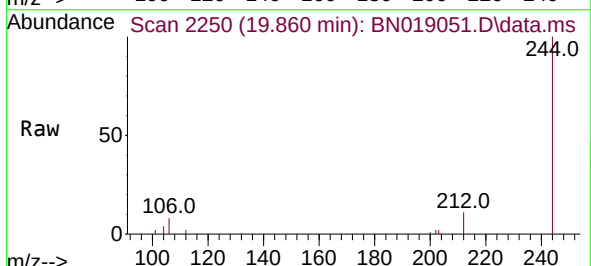
Tgt Ion:244 Resp: 7667

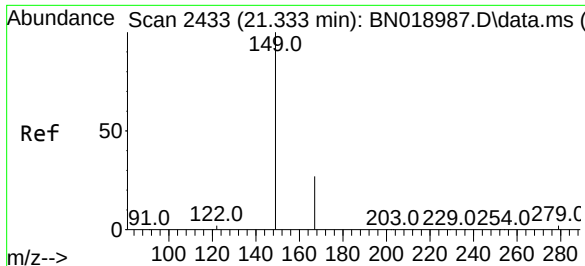
Ion Ratio Lower Upper

244 100

212 11.3 8.2 12.4

122 0.0 0.0 0.0

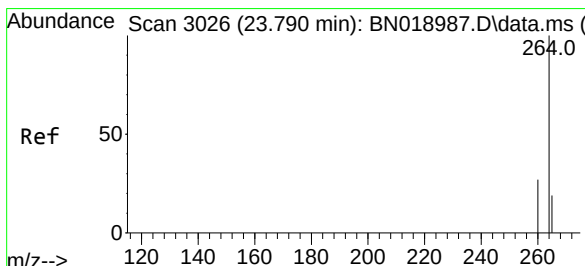
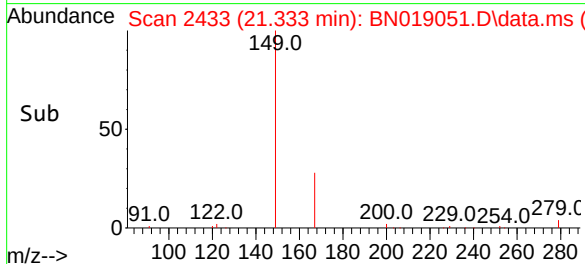
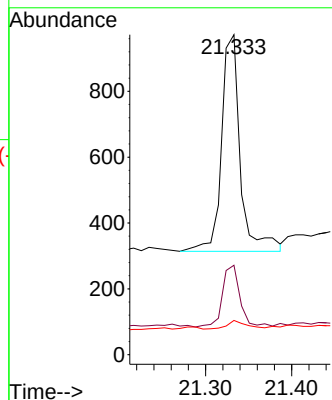
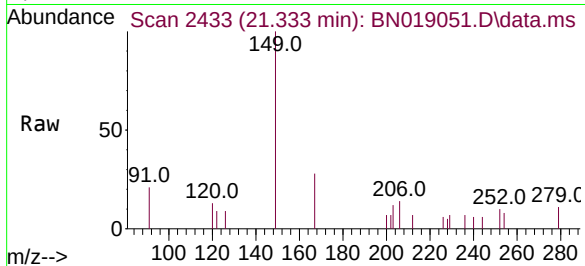




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BN019051.D
 Acq: 22 Mar 2022 09:28

Instrument :
 BNA_N
 ClientSampleId :
 RE-132D2-20220315

Tgt Ion:149 Resp: 992
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.8
 279 4.1 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN019051.D
 Acq: 22 Mar 2022 09:28

Tgt Ion:264 Resp: 7086
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 46.0 25.3 37.9#

