

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020604.D
 Acq On : 01 Jul 2022 22:03
 Operator : CG/JU
 Sample : N3458-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220622

Quant Time: Jul 02 05:32:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

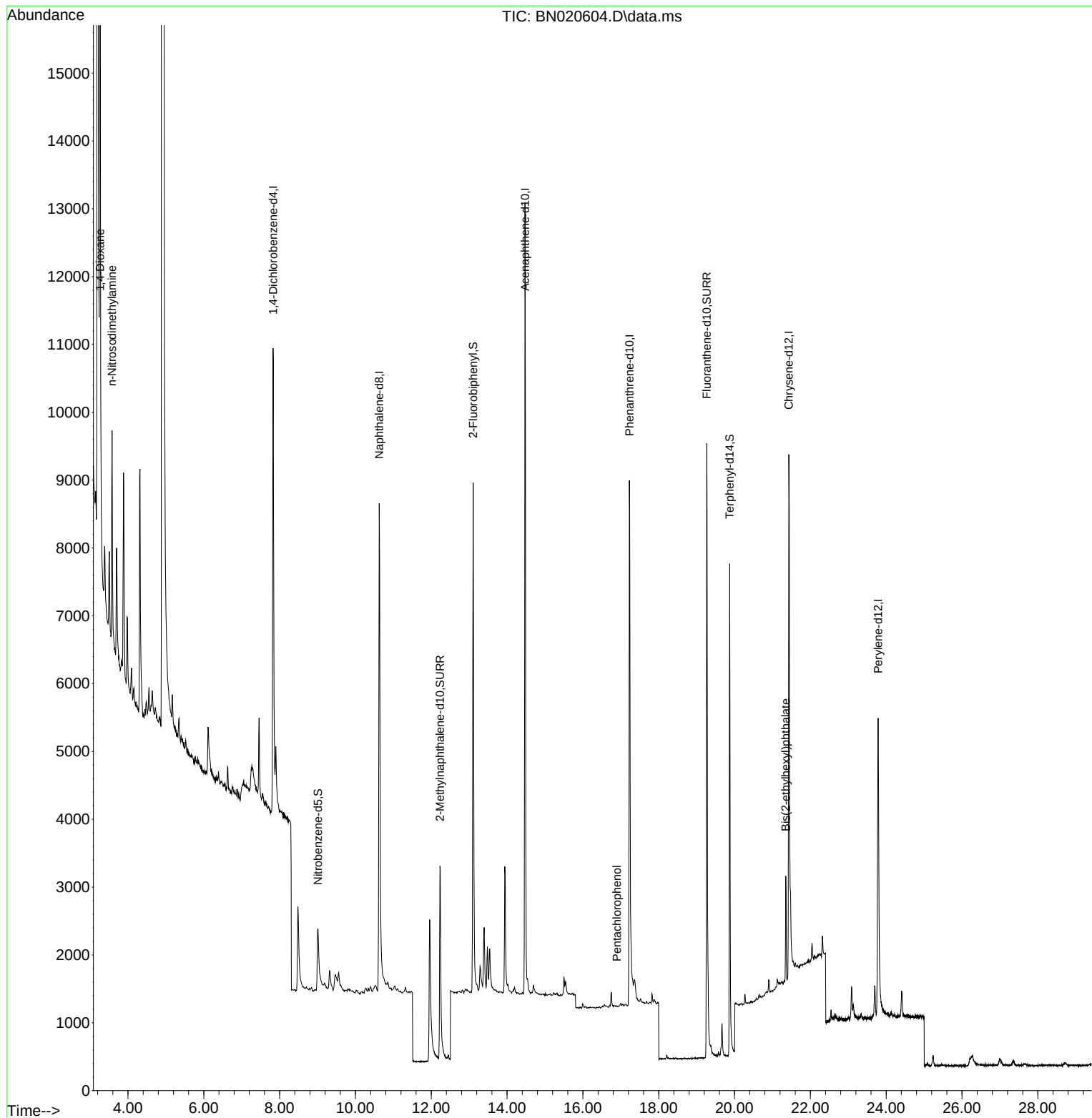
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4391	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12802	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7189	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	14289	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	9812	0.400	ng	0.00
35) Perylene-d12	23.788	264	7964	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	155	0.013	ng	0.02
5) Phenol-d6	7.009	99	3	0.000	ng	-0.02
8) Nitrobenzene-d5	9.014	82	1591	0.153	ng	0.02
11) 2-Methylnaphthalene-d10	12.231	152	5614	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	47	0.017	ng	0.02
15) 2-Fluorobiphenyl	13.105	172	7572	0.255	ng	0.00
27) Fluoranthene-d10	19.270	212	12705	0.299	ng	0.00
31) Terphenyl-d14	19.872	244	9305	0.397	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	13223	2.298	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.579	42	385	0.073	ng	# 9
24) Pentachlorophenol	16.897	266	4	0.185	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.351	149	1581	0.080	ng	# 96

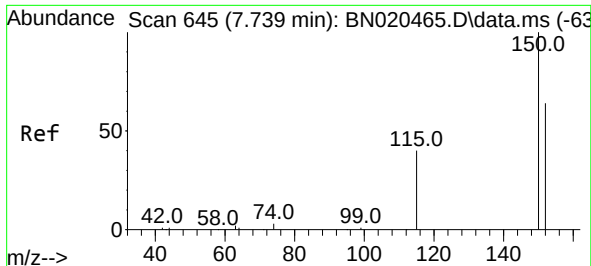
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 02 03:10:12 2022
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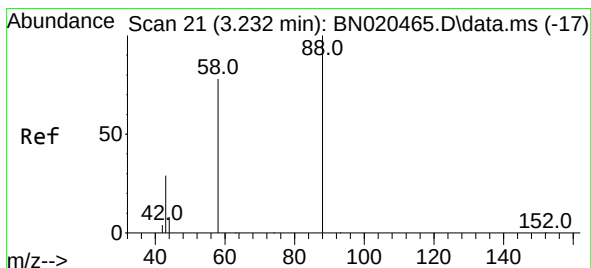
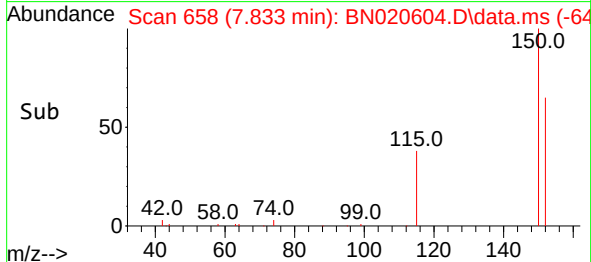
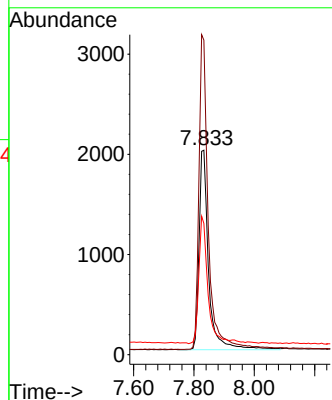
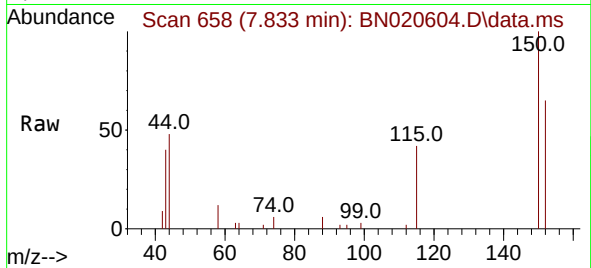




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

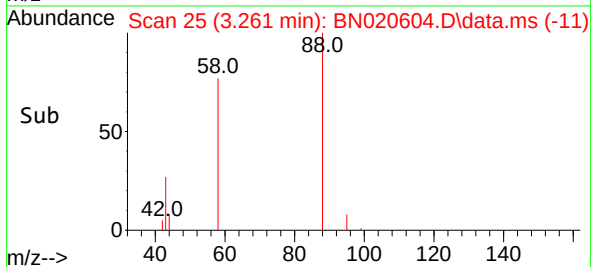
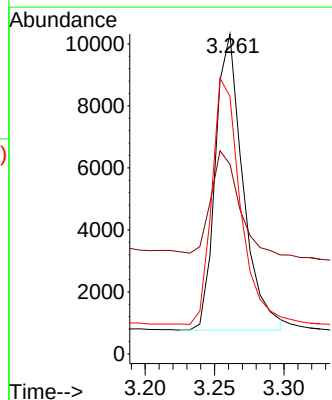
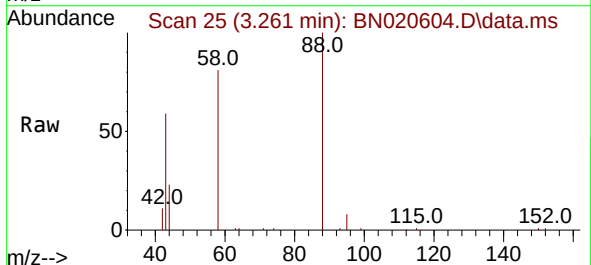
Instrument :
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 RE114D2-20220622

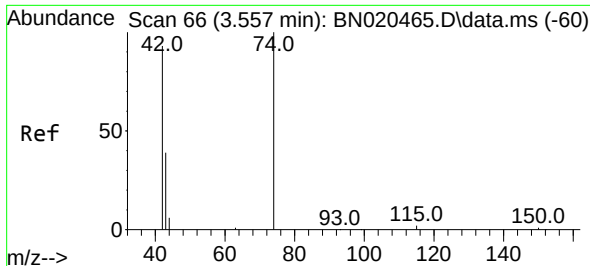
Tgt Ion:152 Resp: 4391
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.9 191.9
 115 64.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 2.298 ng
 RT: 3.261 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

Tgt Ion: 88 Resp: 13223
 Ion Ratio Lower Upper
 88 100
 43 35.0 30.2 45.2
 58 85.4 73.0 109.6

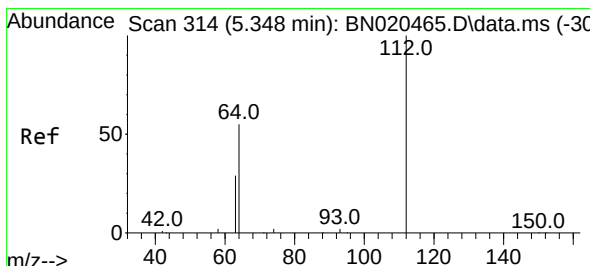
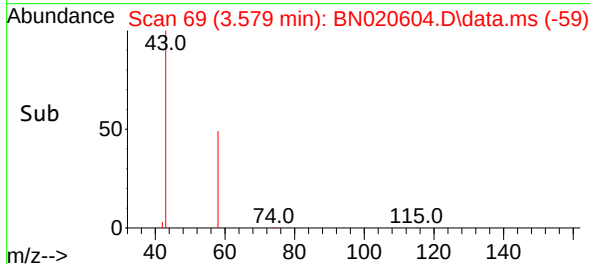
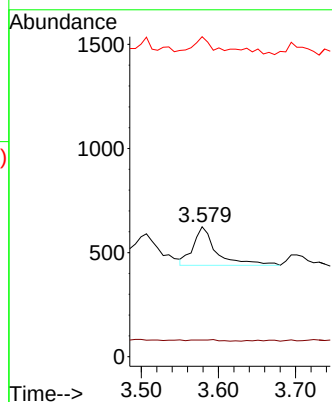
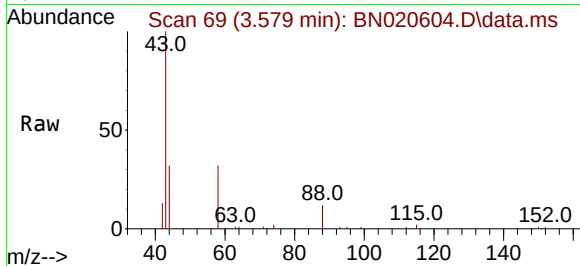




#3
 n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 3.579 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

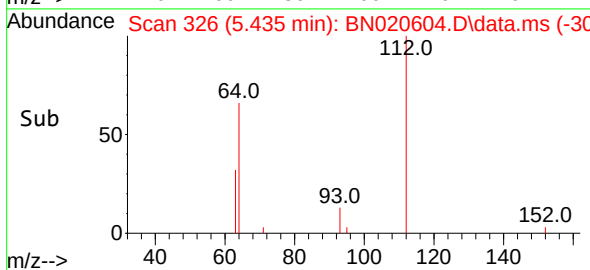
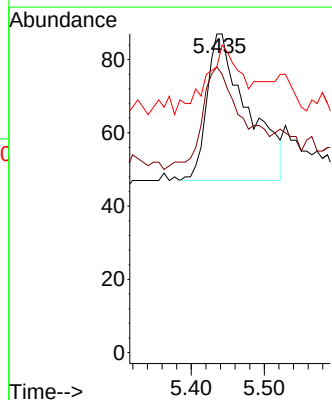
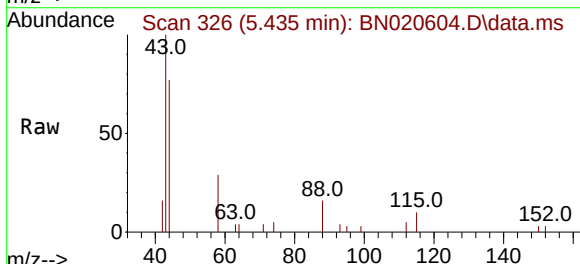
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220622

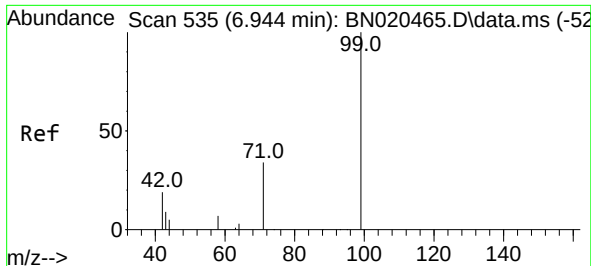
Tgt Ion: 42 Resp: 385
 Ion Ratio Lower Upper
 42 100
 74 3.4 84.0 126.0#
 44 20.0 9.8 14.8#



#4
 2-Fluorophenol
 Concen: 0.013 ng
 RT: 5.435 min Scan# 326
 Delta R.T. 0.022 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

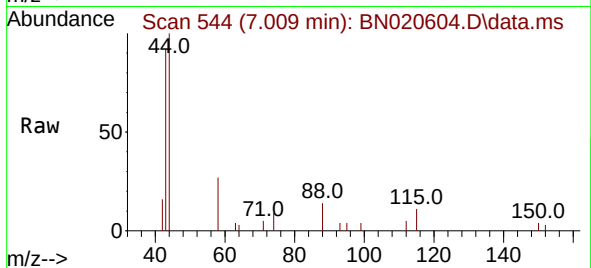
Tgt Ion: 112 Resp: 155
 Ion Ratio Lower Upper
 112 100
 64 71.6 49.1 73.7
 63 38.7 26.3 39.5



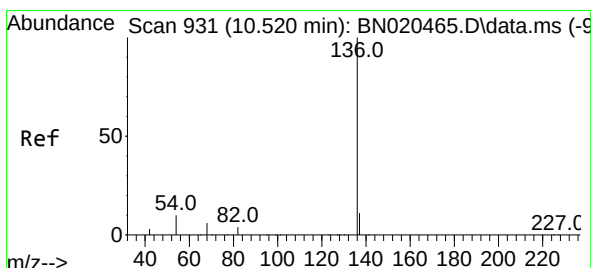
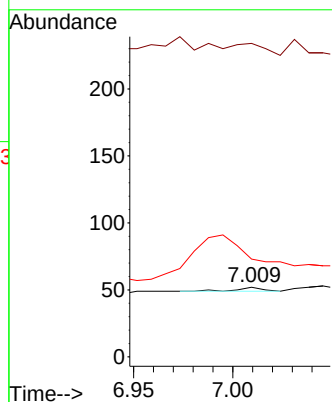
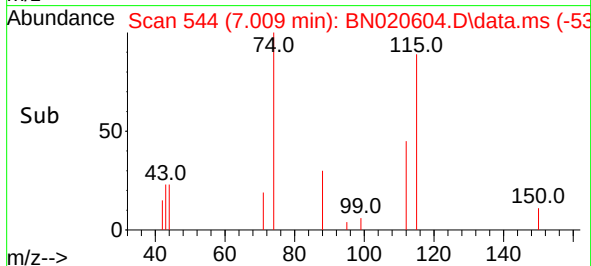


#5
Phenol-d6
Concen: 0.000 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.021 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

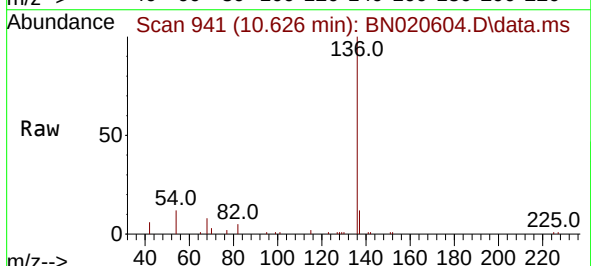
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



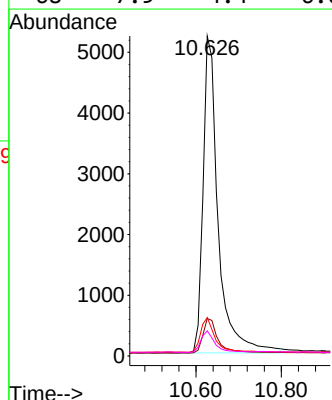
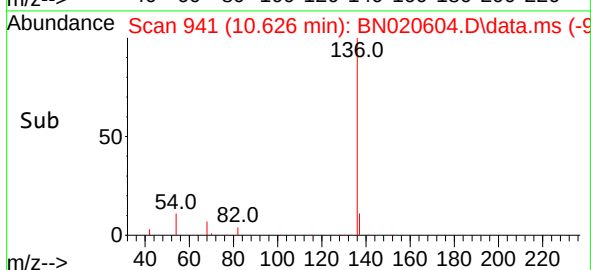
Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 3000.0 27.5 41.3#

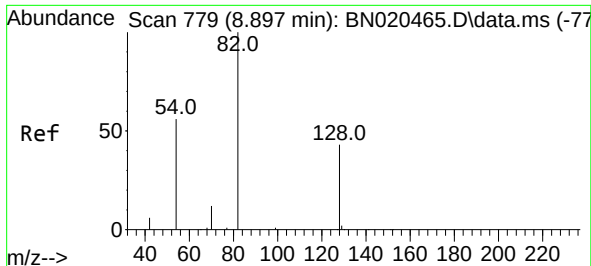


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03



Tgt Ion: 136 Resp: 12802
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 12.0 6.2 9.2#
68 7.9 4.4 6.6#

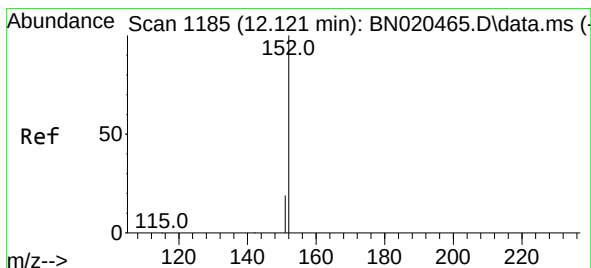
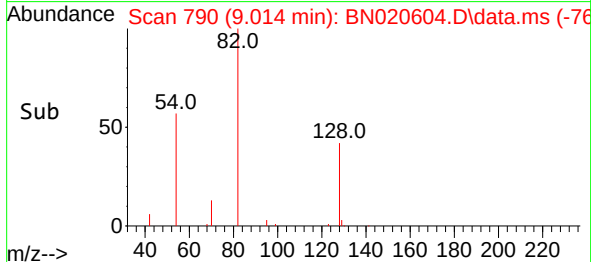
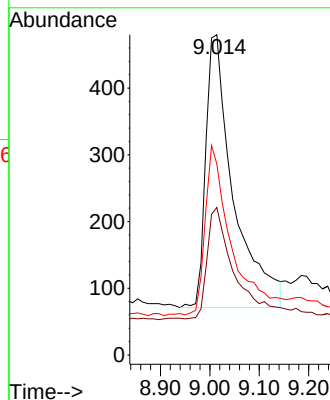
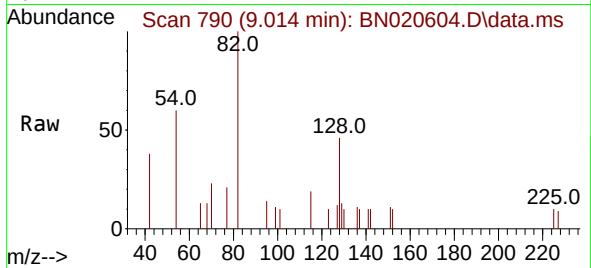




#8
 Nitrobenzene-d5
 Concen: 0.153 ng
 RT: 9.014 min Scan# 71
 Delta R.T. 0.022 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

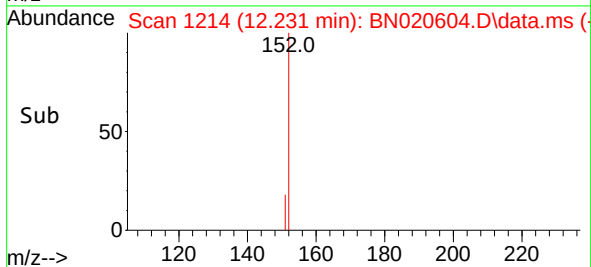
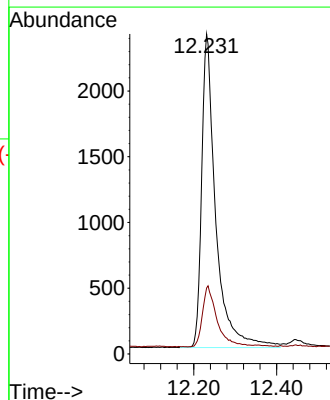
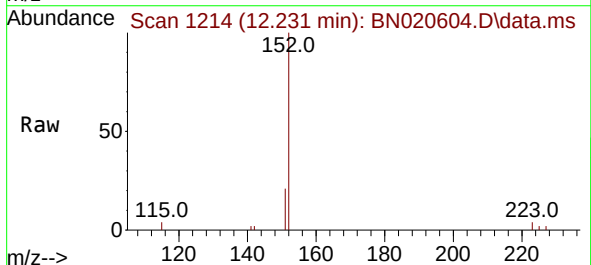
Instrument :
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 RE114D2-20220622

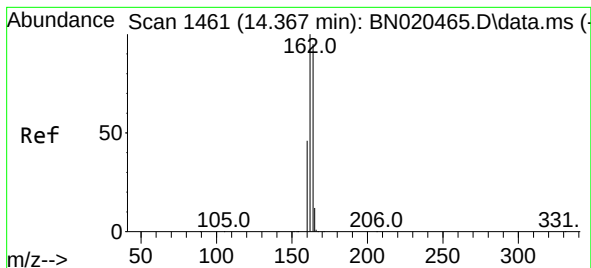
Tgt Ion: 82 Resp: 1591
 Ion Ratio Lower Upper
 82 100
 128 46.0 35.0 52.6
 54 59.6 46.2 69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.256 ng
 RT: 12.231 min Scan# 1214
 Delta R.T. 0.004 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

Tgt Ion: 152 Resp: 5614
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN020604.D

Acq: 01 Jul 2022 22:03

Instrument :

BNA_N

ClientSampleId :

RE114D2-20220622

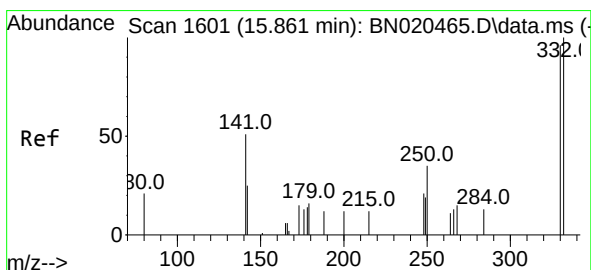
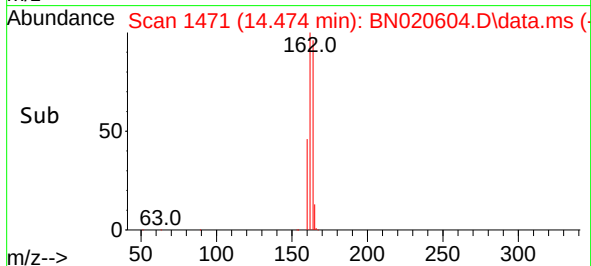
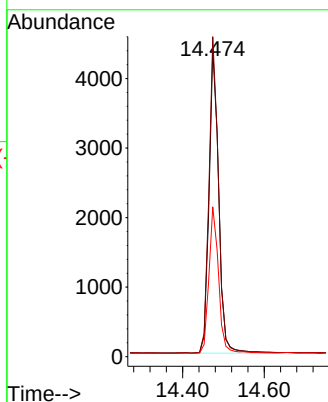
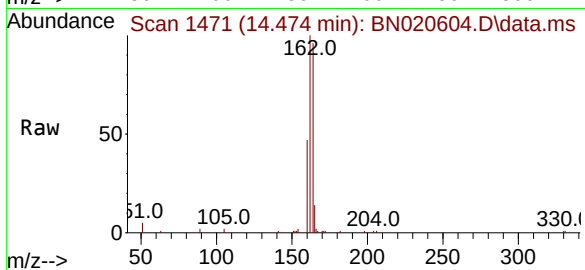
Tgt Ion:164 Resp: 7189

Ion Ratio Lower Upper

164 100

162 104.2 82.1 123.1

160 48.8 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.017 ng

RT: 15.995 min Scan# 1614

Delta R.T. 0.021 min

Lab File: BN020604.D

Acq: 01 Jul 2022 22:03

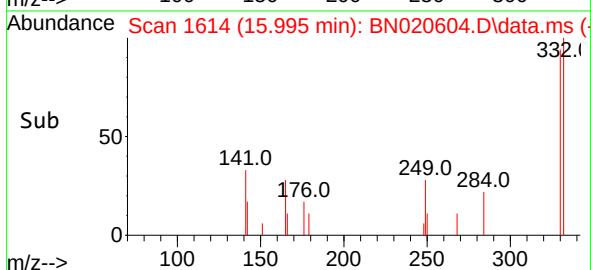
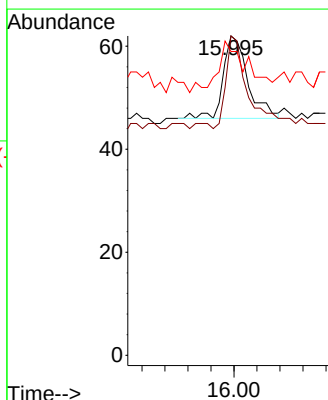
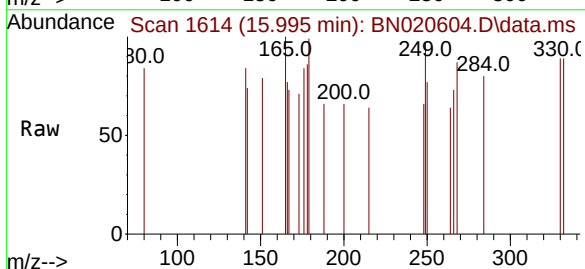
Tgt Ion:330 Resp: 47

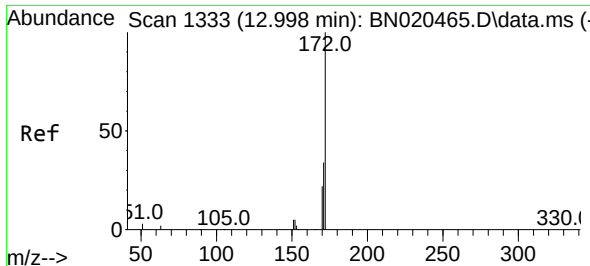
Ion Ratio Lower Upper

330 100

332 100.0 77.6 116.4

141 76.6 41.0 61.4#

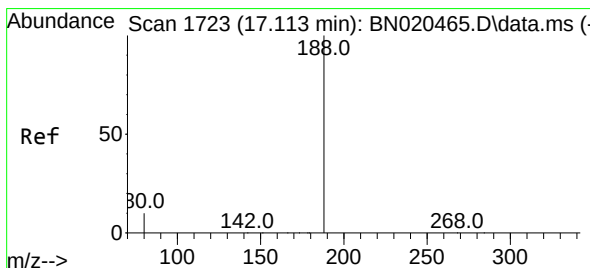
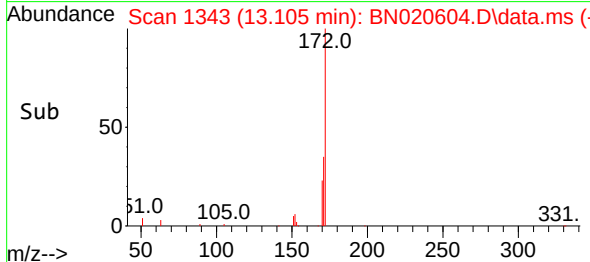
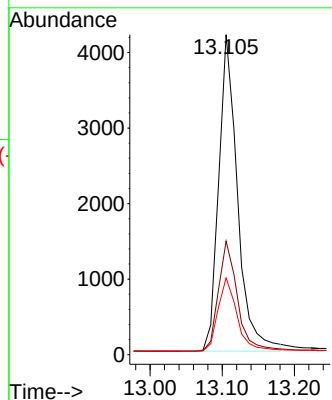
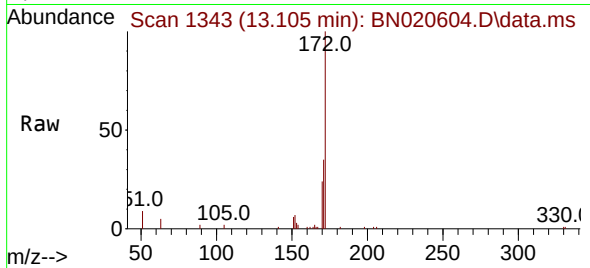




#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

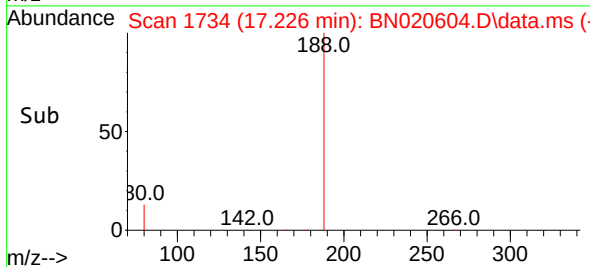
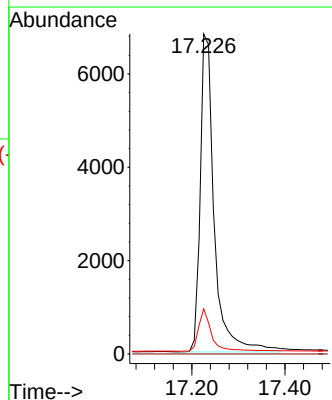
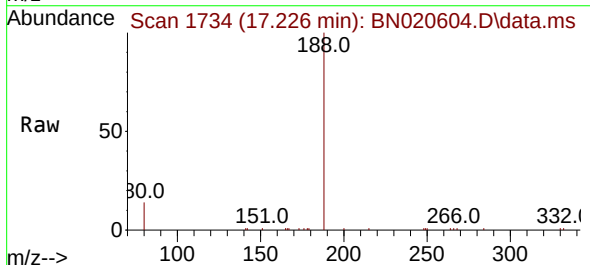
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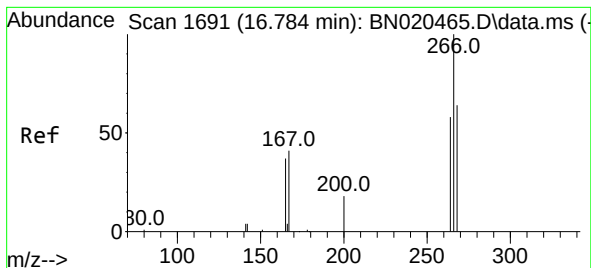
Tgt Ion:172	Resp:	7572
Ion	Ratio	Lower Upper
172	100	
171	35.5	27.2 40.8
170	24.0	18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

Tgt Ion:188	Resp:	14289
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	14.1	7.4 11.2





#24

Pentachlorophenol

Concen: 0.185 ng

RT: 16.897 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN020604.D

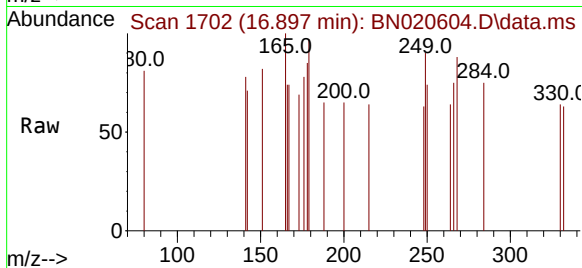
Acq: 01 Jul 2022 22:03

Instrument :

BNA_N

ClientSampleId :

RE114D2-20220622



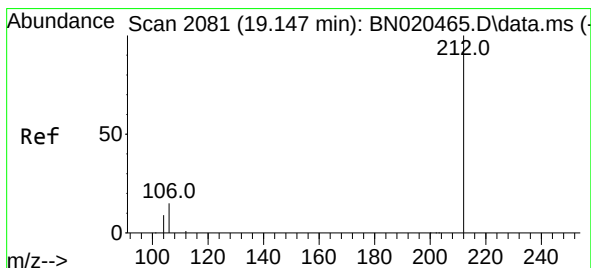
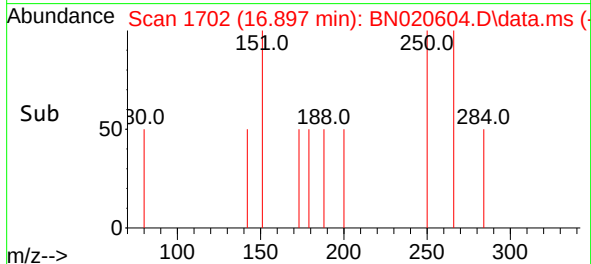
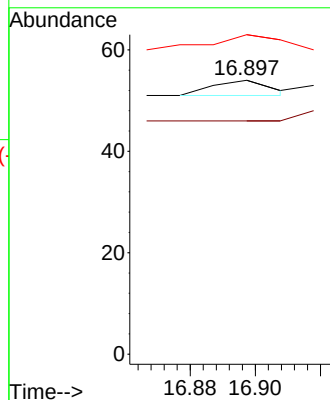
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 0.0 51.3 76.9#

268 100.0 52.6 79.0#



#27

Fluoranthene-d10

Concen: 0.299 ng

RT: 19.270 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BN020604.D

Acq: 01 Jul 2022 22:03

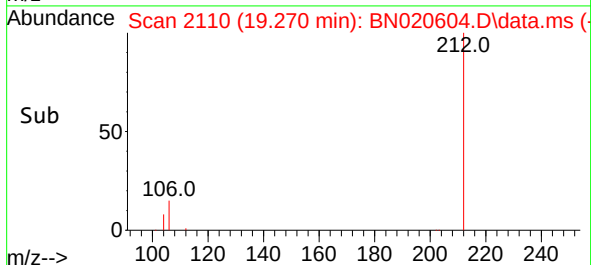
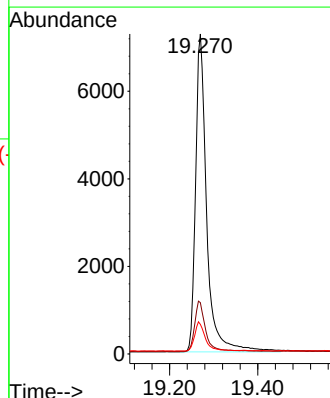
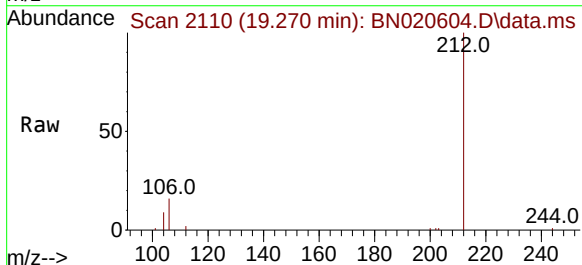
Tgt Ion:212 Resp: 12705

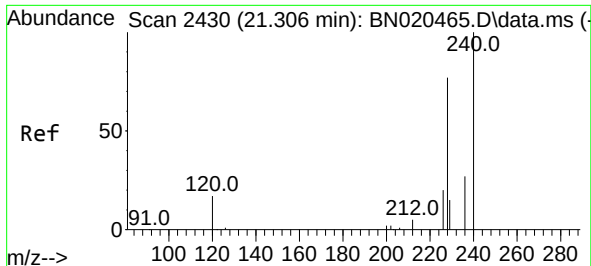
Ion Ratio Lower Upper

212 100

106 15.3 12.6 19.0

104 8.8 7.2 10.8

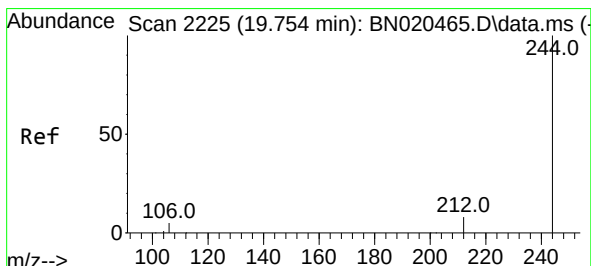
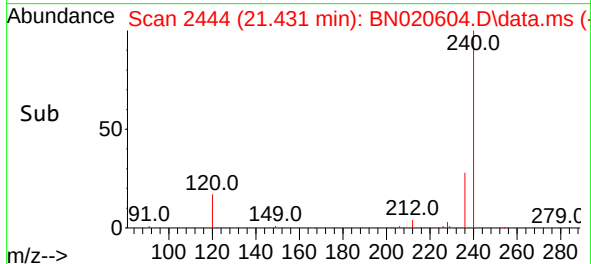
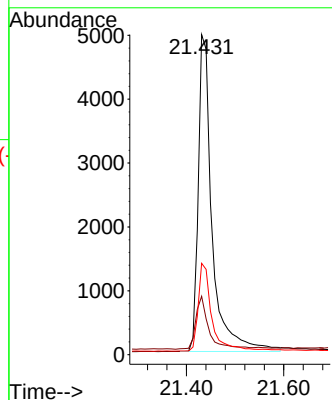
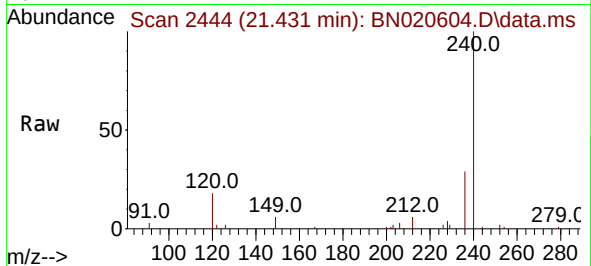




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

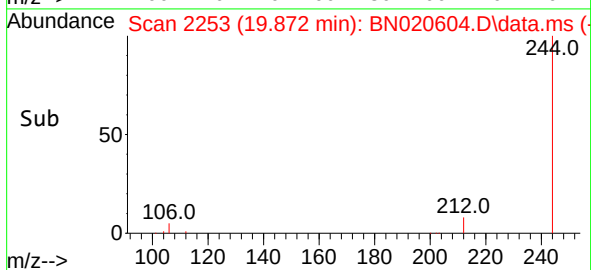
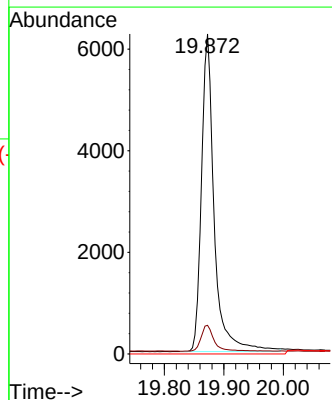
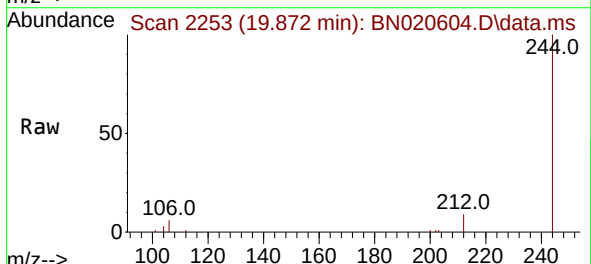
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622

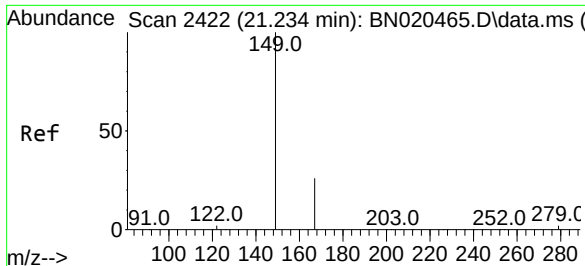
Tgt Ion:240 Resp: 9812
Ion Ratio Lower Upper
240 100
120 18.2 14.6 21.8
236 28.5 22.6 33.8



#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.872 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

Tgt Ion:244 Resp: 9305
Ion Ratio Lower Upper
244 100
212 9.0 7.1 10.7
122 0.0 0.0 0.0

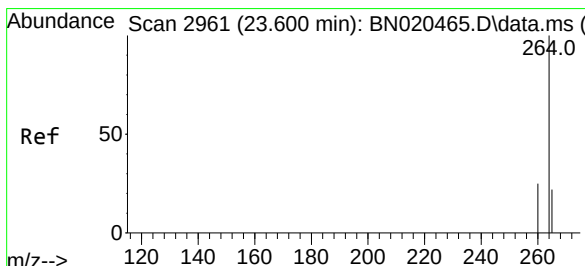
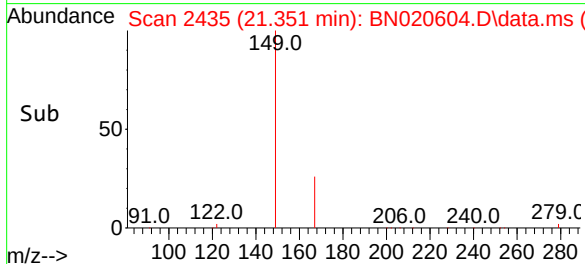
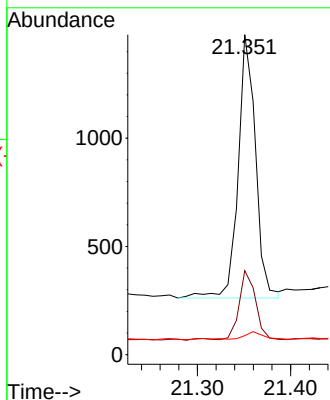
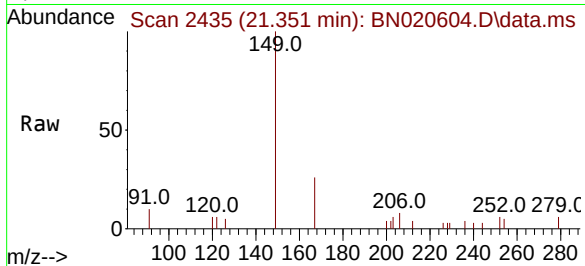




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.351 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220622

Tgt Ion:149 Resp: 1581
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.7 32.5
 279 2.8 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

Tgt Ion:264 Resp: 7964
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.9 31.3
 265 37.0 28.0 42.0

