

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
 Data File : BN022349.D
 Acq On : 27 Oct 2022 00:40
 Operator : CG/JU
 Sample : N5235-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-GW-03-DUP

Quant Time: Oct 27 08:31:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 07:14:22 2022
 Response via : Initial Calibration

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

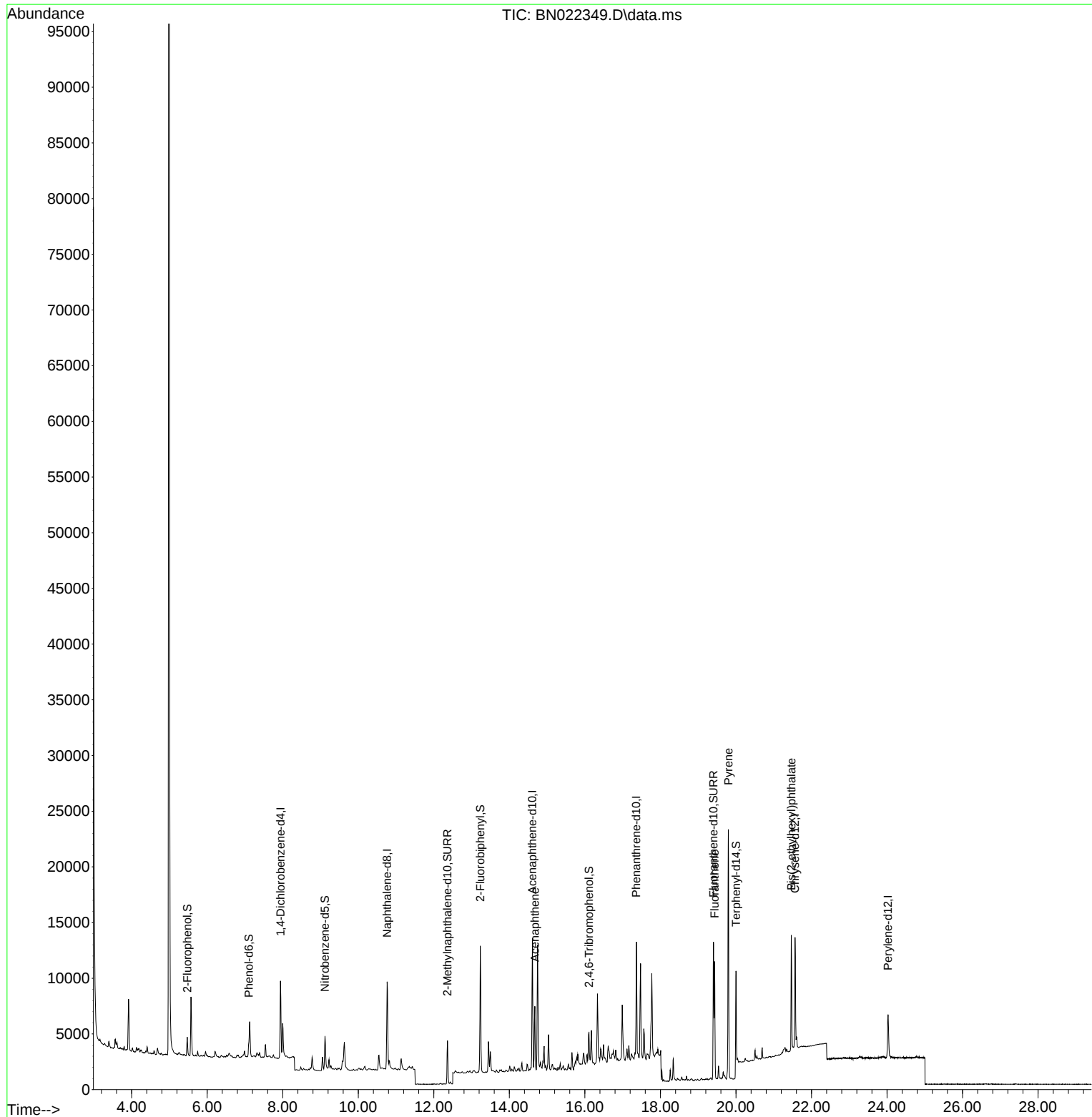
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3560	0.400	ng	0.00
7) Naphthalene-d8	10.763	136	11462	0.400	ng	#-0.01
13) Acenaphthene-d10	14.610	164	6482	0.400	ng	0.00
19) Phenanthrene-d10	17.362	188	13263	0.400	ng	0.00
29) Chrysene-d12	21.564	240	8923	0.400	ng	0.00
35) Perylene-d12	24.026	264	6032	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	1462	0.154	ng	0.00
5) Phenol-d6	7.104	99	1191	0.100	ng	0.00
8) Nitrobenzene-d5	9.118	82	2998	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.361	152	5469	0.304	ng	0.00
14) 2,4,6-Tribromophenol	16.109	330	1085	0.389	ng	0.00
15) 2-Fluorobiphenyl	13.231	172	9952	0.359	ng	-0.01
27) Fluoranthene-d10	19.403	212	12896	0.352	ng	0.00
31) Terphenyl-d14	20.001	244	12877	0.554	ng	0.00
Target Compounds						
17) Acenaphthene	14.674	154	2757	0.129	ng	98
28) Fluoranthene	19.437	202	9183	0.186	ng	100
30) Pyrene	19.799	202	19327	0.471	ng	100
34) Bis(2-ethylhexyl)phtha...	21.465	149	10329	0.416	ng	100

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

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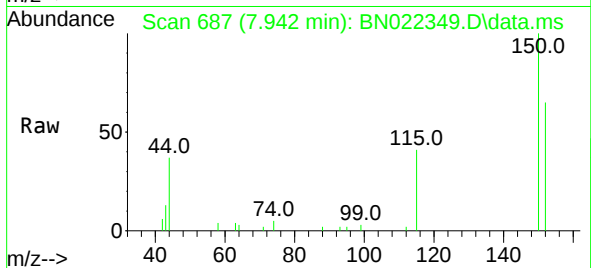
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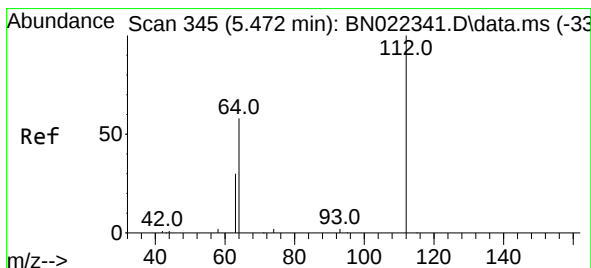
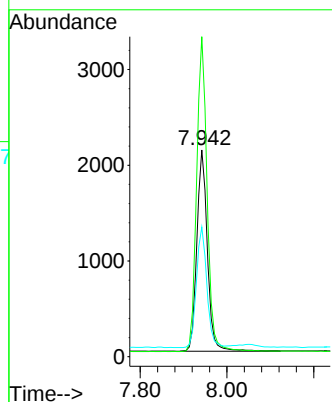
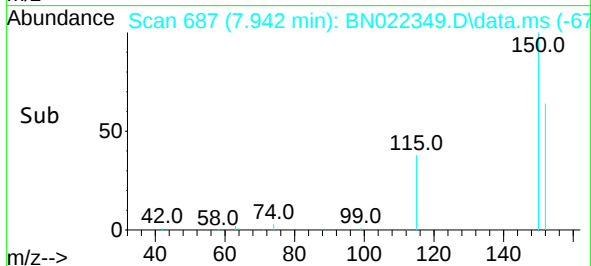


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.942 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: BN022349.D
 Acq: 27 Oct 2022 00:40

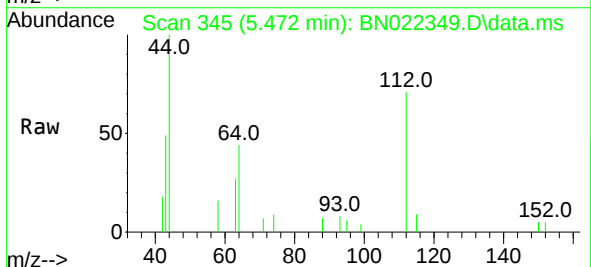
Instrument :
 BNA_N
 ClientSampleId :
 LSP-GW-03-DUP



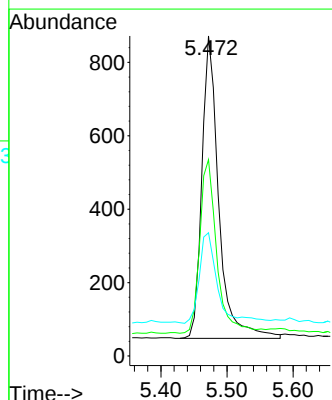
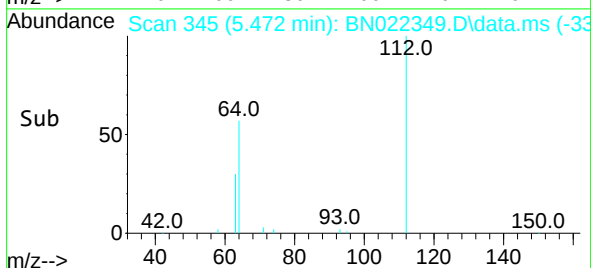
Tgt Ion:152 Resp: 3560
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.2 187.8
 115 62.7 52.0 78.0

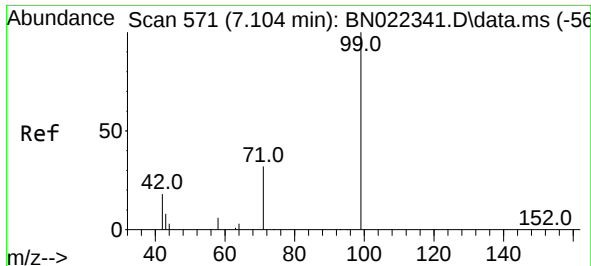


#4
 2-Fluorophenol
 Concen: 0.154 ng
 RT: 5.472 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: BN022349.D
 Acq: 27 Oct 2022 00:40



Tgt Ion:112 Resp: 1462
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.0 70.4
 63 32.6 24.5 36.7

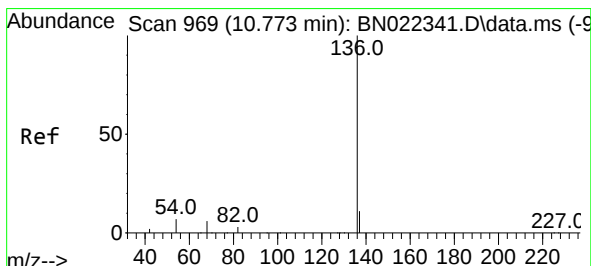
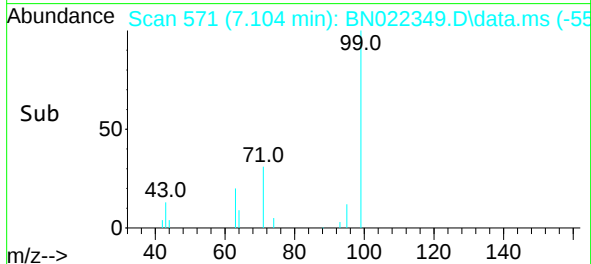
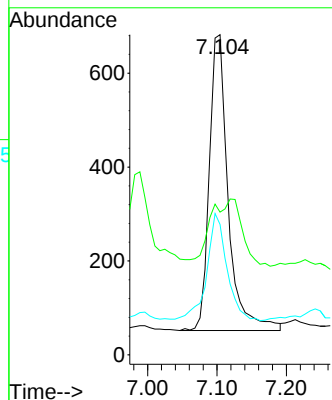
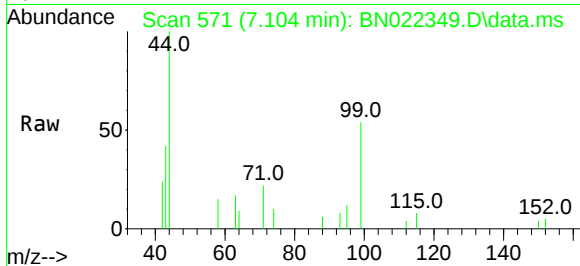




#5
Phenol-d6
Concen: 0.100 ng
RT: 7.104 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

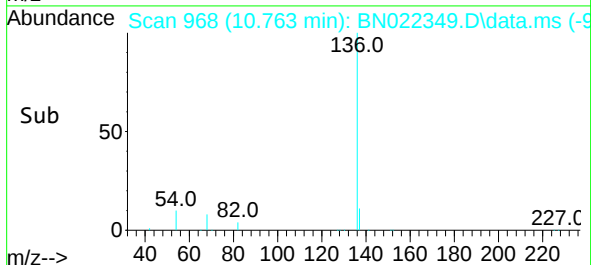
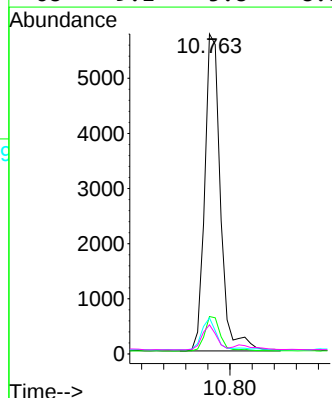
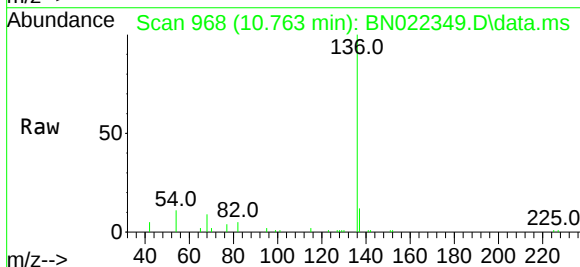
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03-DUP

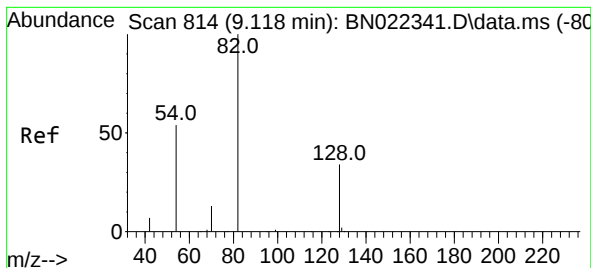
Tgt Ion: 99 Resp: 1191
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 38.8 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.763 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

Tgt Ion: 136 Resp: 11462
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 11.2 6.5 9.7#
68 9.1 5.8 8.8#





#8

Nitrobenzene-d5

Concen: 0.302 ng

RT: 9.118 min Scan# 814

Delta R.T. 0.000 min

Lab File: BN022349.D

Acq: 27 Oct 2022 00:40

Instrument :

BNA_N

ClientSampleId :

LSP-GW-03-DUP

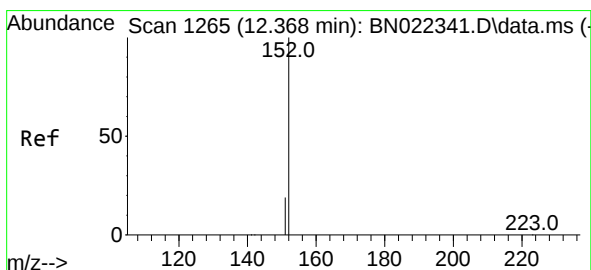
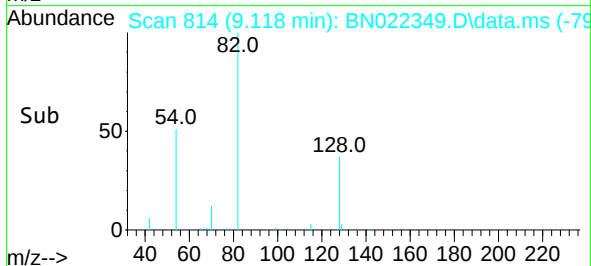
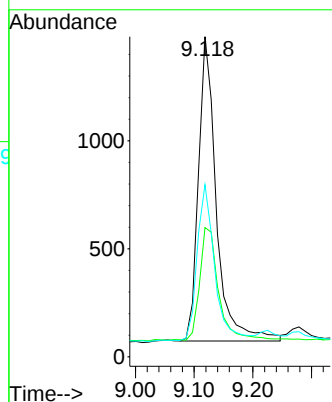
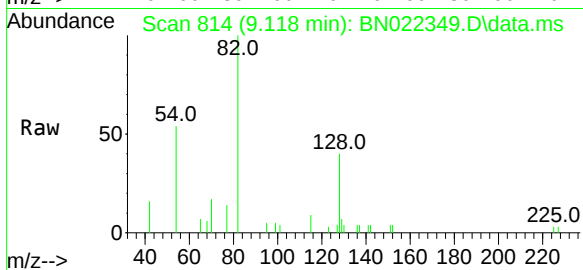
Tgt Ion: 82 Resp: 2998

Ion Ratio Lower Upper

82 100

128 40.4 30.5 45.7

54 53.8 45.2 67.8



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.361 min Scan# 1263

Delta R.T. -0.008 min

Lab File: BN022349.D

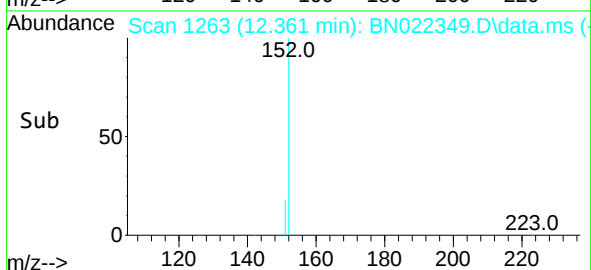
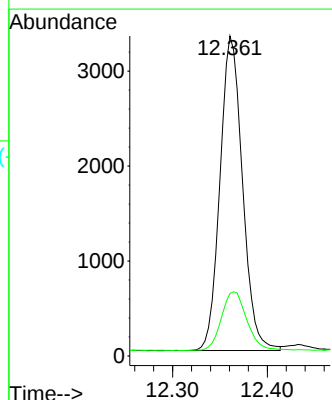
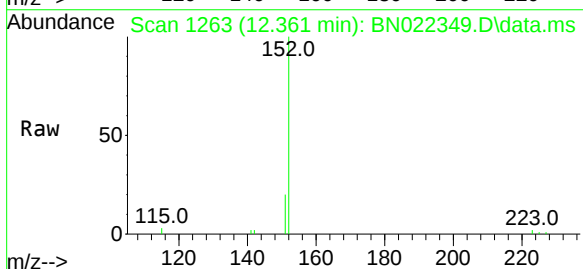
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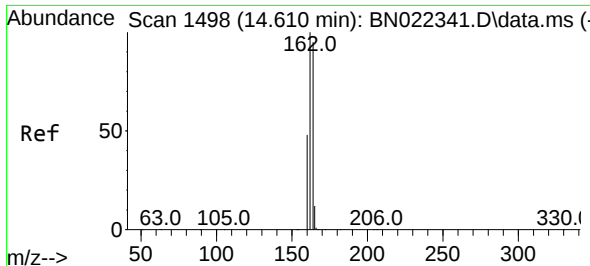
Tgt Ion: 152 Resp: 5469

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1

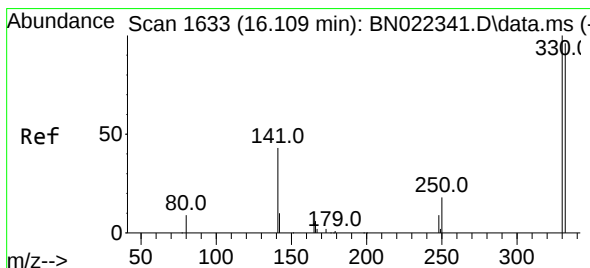
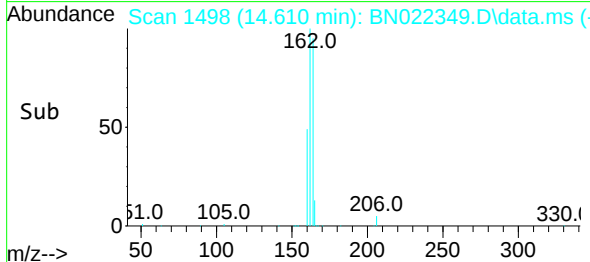
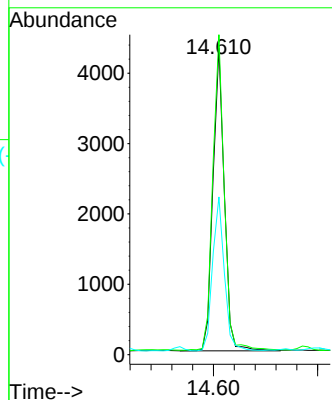
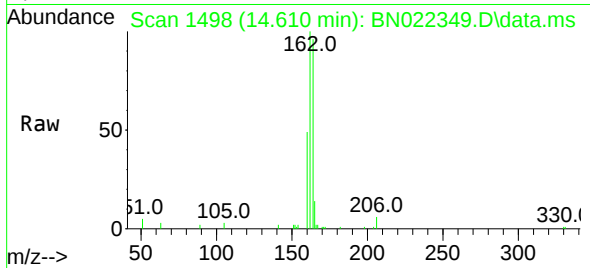




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.610 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

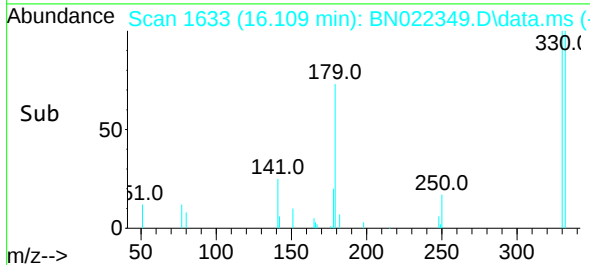
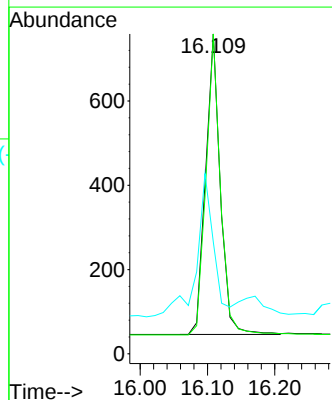
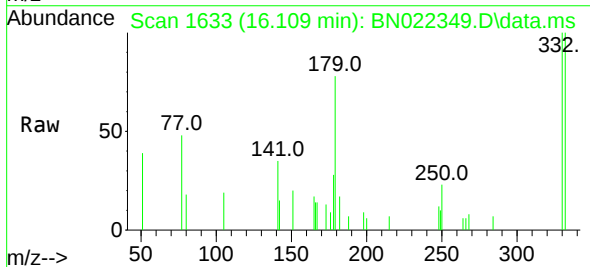
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03-DUP

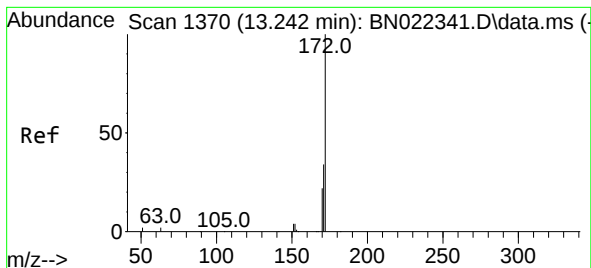
Tgt Ion:164 Resp: 6482
Ion Ratio Lower Upper
164 100
162 104.5 83.9 125.9
160 51.5 41.0 61.4



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.109 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

Tgt Ion:330 Resp: 1085
Ion Ratio Lower Upper
330 100
332 98.5 78.6 118.0
141 48.8 40.2 60.4





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 13.231 min Scan# 1369

Delta R.T. -0.011 min

Lab File: BN022349.D

Acq: 27 Oct 2022 00:40

Instrument :

BNA_N

ClientSampleId :

LSP-GW-03-DUP

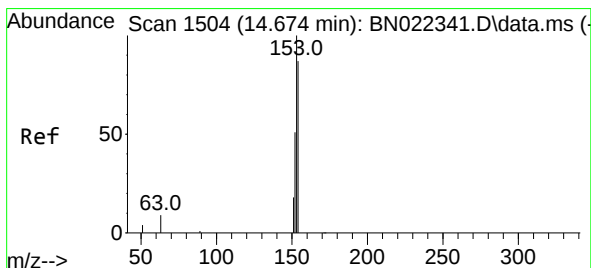
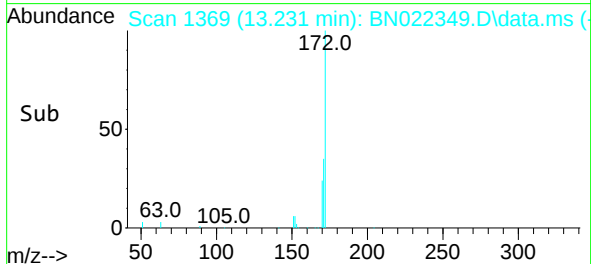
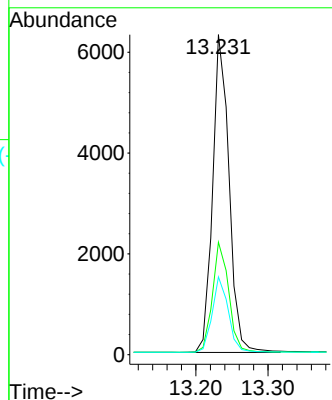
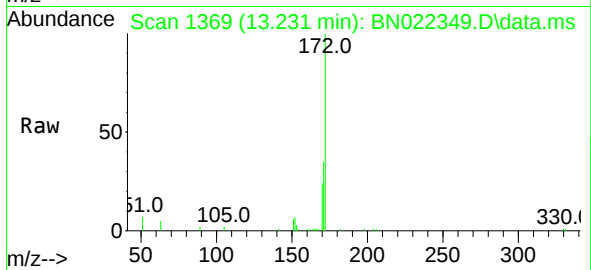
Tgt Ion:172 Resp: 9952

Ion Ratio Lower Upper

172 100

171 35.1 27.4 41.0

170 24.3 18.5 27.7



#17

Acenaphthene

Concen: 0.129 ng

RT: 14.674 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BN022349.D

Acq: 27 Oct 2022 00:40

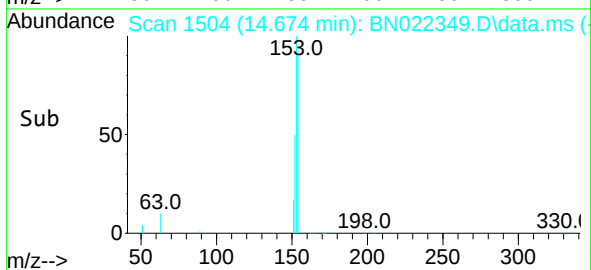
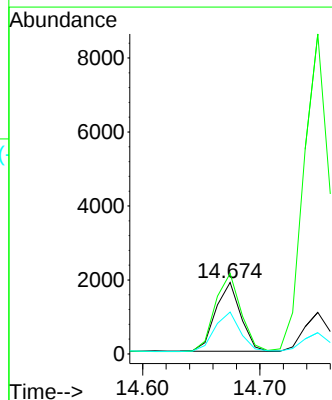
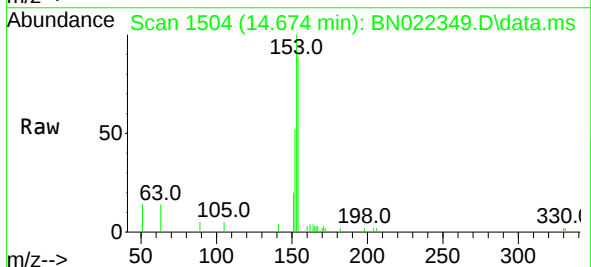
Tgt Ion:154 Resp: 2757

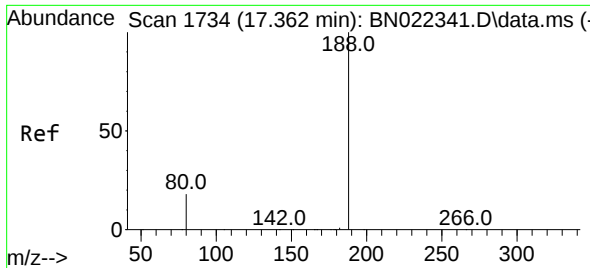
Ion Ratio Lower Upper

154 100

153 117.7 92.2 138.2

152 58.9 47.6 71.4

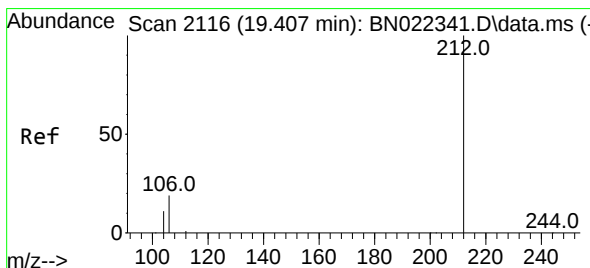
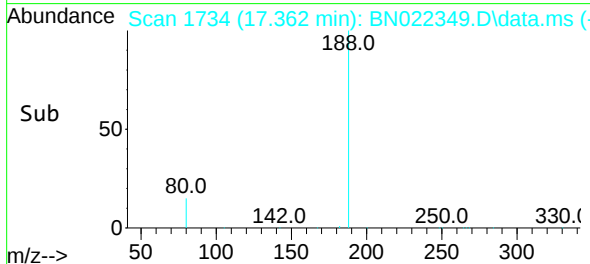
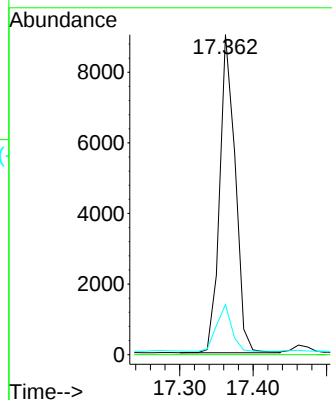
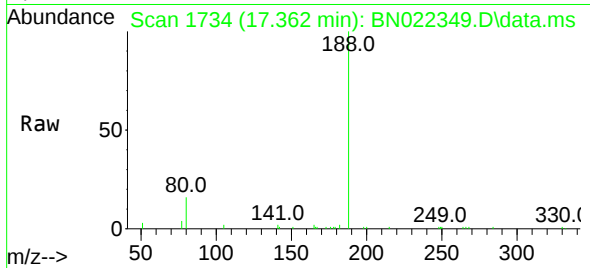




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.362 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

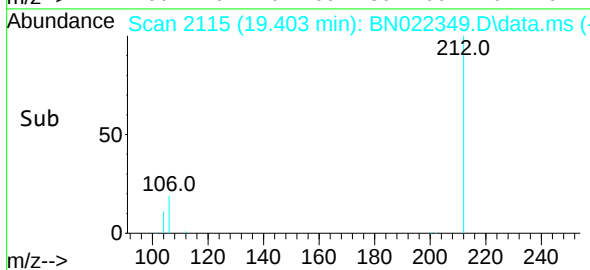
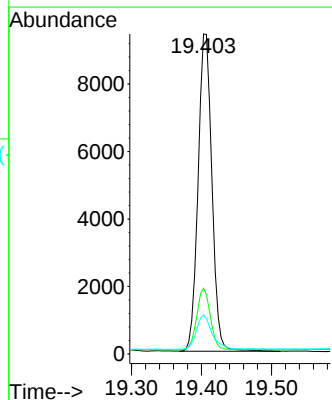
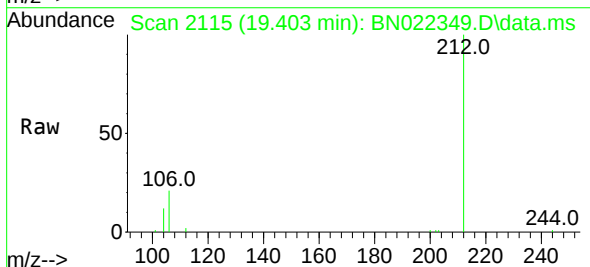
Instrument :
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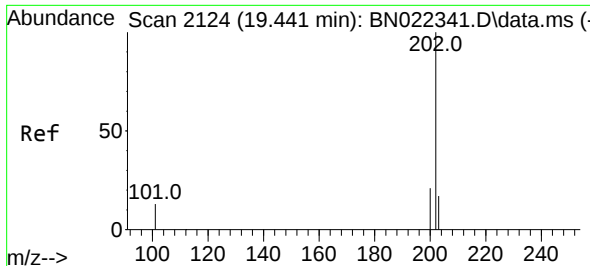
Tgt Ion:188 Resp: 13263
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 15.0 22.6



#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.403 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

Tgt Ion:212 Resp: 12896
Ion Ratio Lower Upper
212 100
106 19.1 15.0 22.4
104 12.1 9.3 13.9

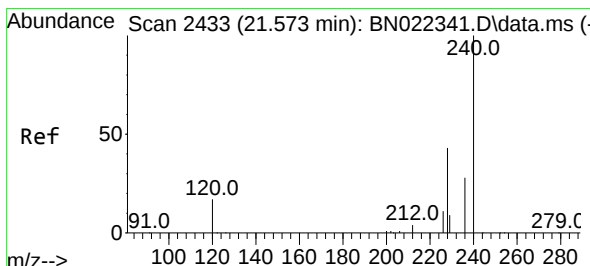
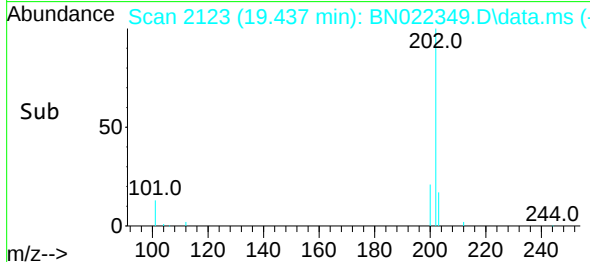
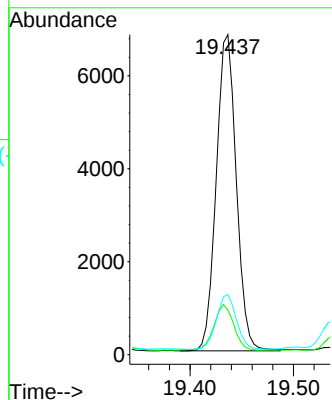
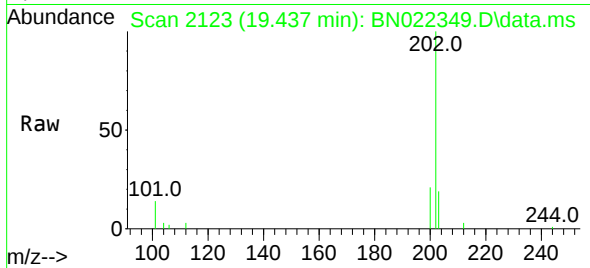




#28
Fluoranthene
Concen: 0.186 ng
RT: 19.437 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

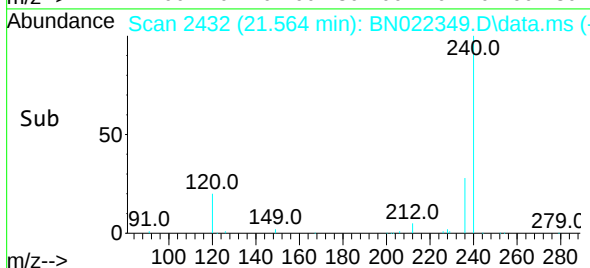
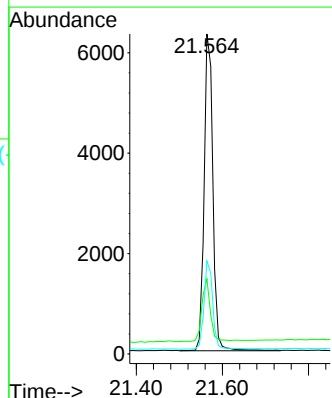
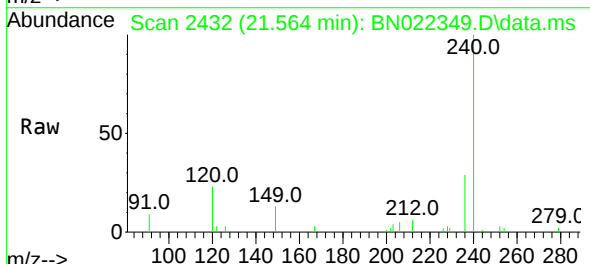
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BNA_N
ClientSampleId :
LSP-GW-03-DUP

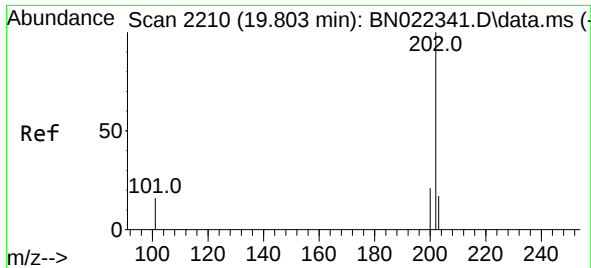
Tgt Ion:202 Resp: 9183
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
203 17.1 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

Tgt Ion:240 Resp: 8923
Ion Ratio Lower Upper
240 100
120 23.4 15.8 23.6
236 29.0 23.2 34.8

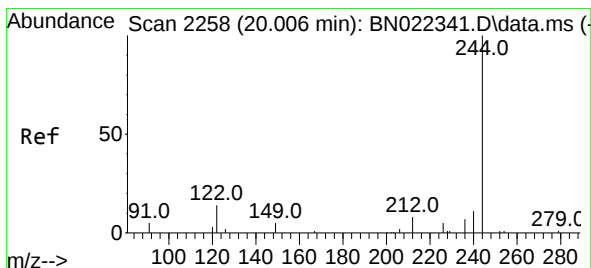
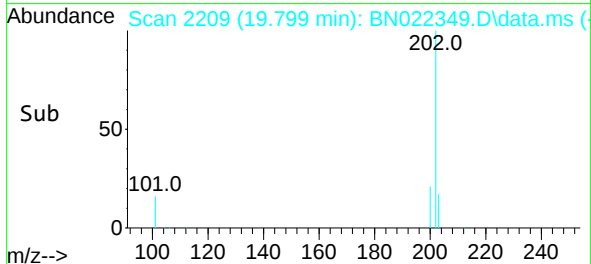
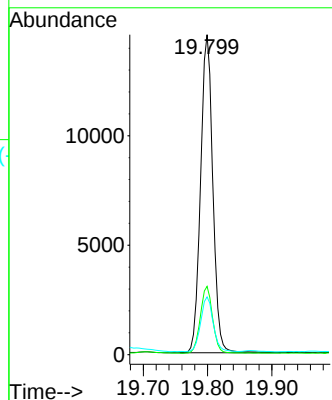
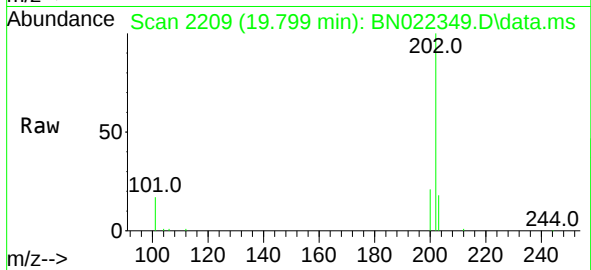




#30
Pyrene
Concen: 0.471 ng
RT: 19.799 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

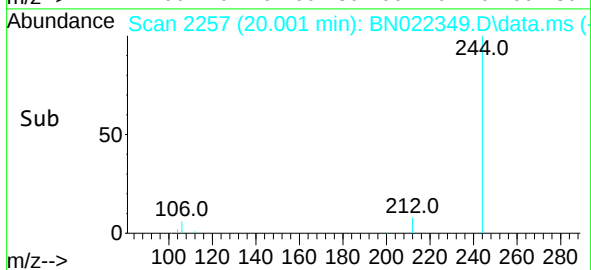
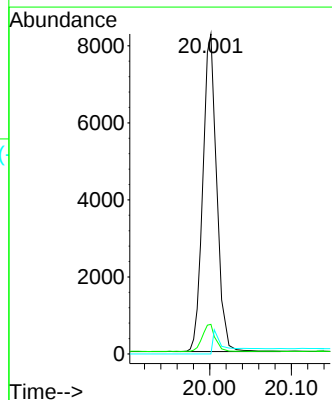
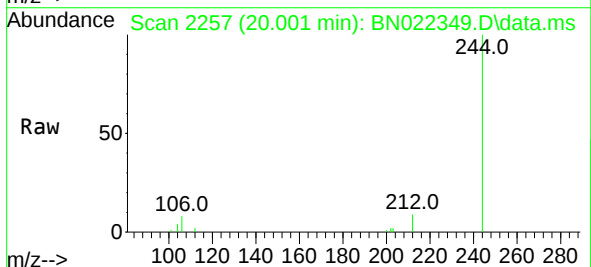
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03-DUP

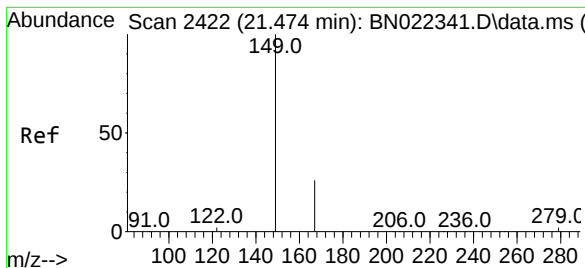
Tgt Ion:202 Resp: 19327
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.6 14.2 21.2



#31
Terphenyl-d14
Concen: 0.554 ng
RT: 20.001 min Scan# 2257
Delta R.T. -0.004 min
Lab File: BN022349.D
Acq: 27 Oct 2022 00:40

Tgt Ion:244 Resp: 12877
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.4
122 0.0 11.5 17.3#

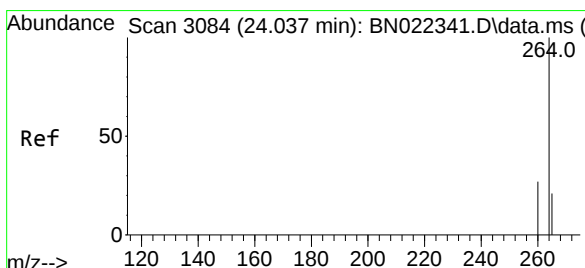
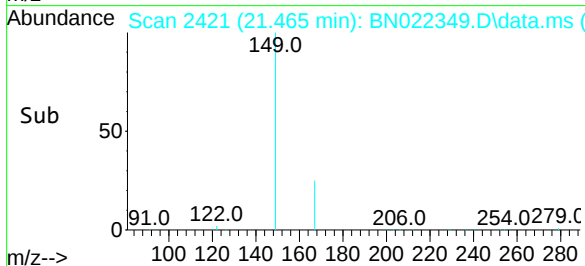
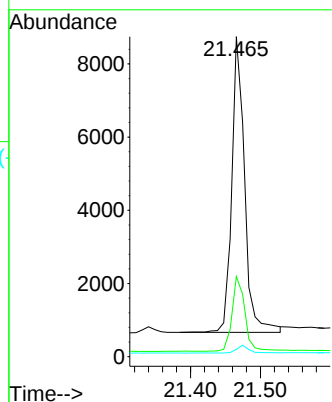
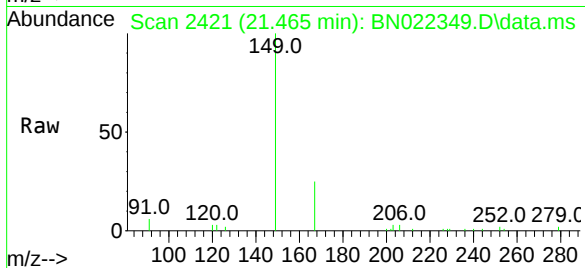




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.416 ng
 RT: 21.465 min Scan# 2422
 Delta R.T. -0.009 min
 Lab File: BN022349.D
 Acq: 27 Oct 2022 00:40

Instrument :
 BNA_N
 ClientSampleId :
 LSP-GW-03-DUP

Tgt Ion:149 Resp: 10329
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 2.6 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.026 min Scan# 3080
 Delta R.T. -0.012 min
 Lab File: BN022349.D
 Acq: 27 Oct 2022 00:40

Tgt Ion:264 Resp: 6032
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.1 33.1
 265 79.6 53.0 79.4#

