

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
 Data File : BN022351.D
 Acq On : 27 Oct 2022 01:55
 Operator : CG/JU
 Sample : N5236-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-GW-03

Quant Time: Oct 27 08:31:49 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)

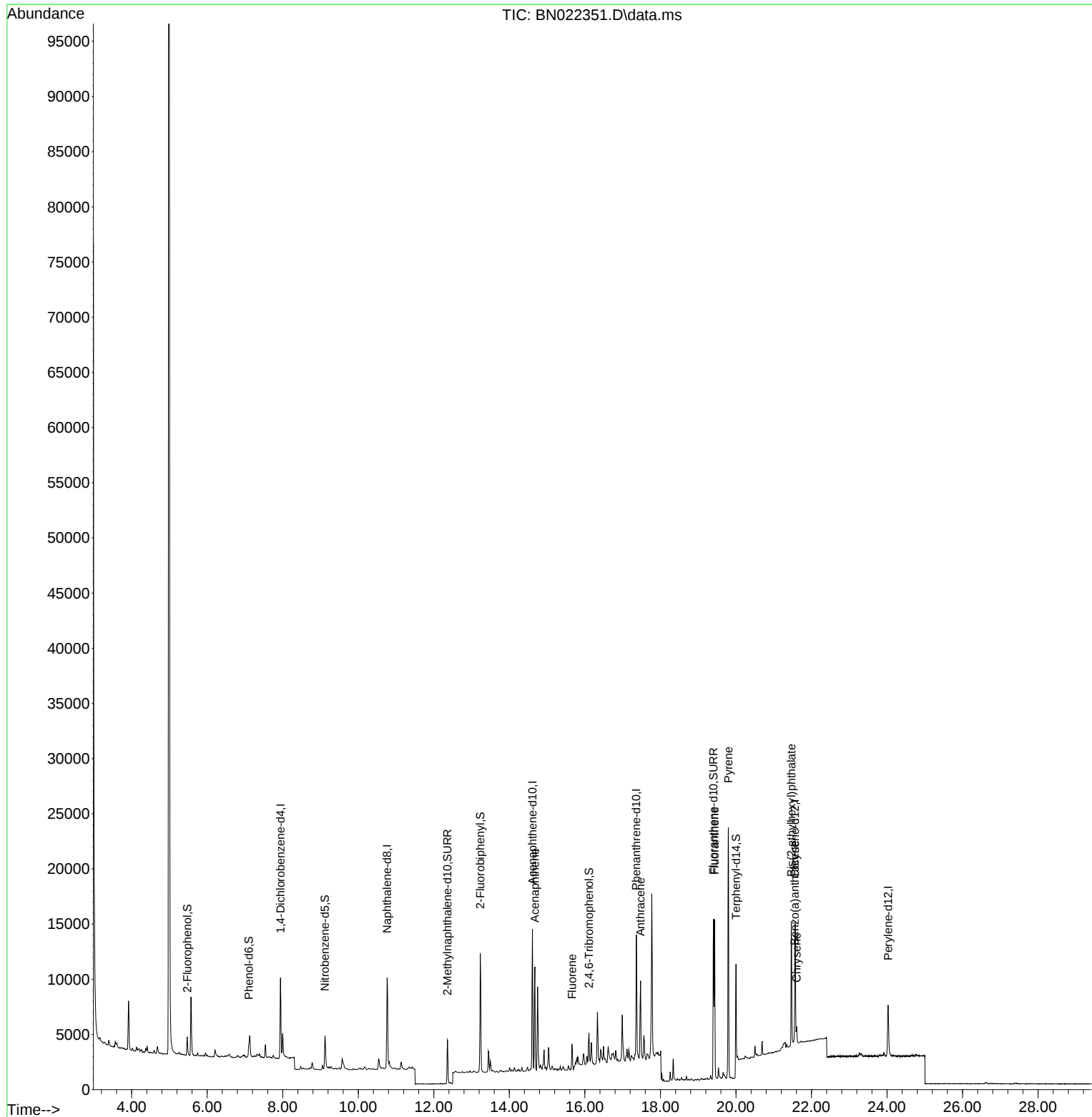
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3753	0.400	ng	0.00
7) Naphthalene-d8	10.763	136	12097	0.400	ng	#-0.01
13) Acenaphthene-d10	14.610	164	6887	0.400	ng	0.00
19) Phenanthrene-d10	17.362	188	14501	0.400	ng	0.00
29) Chrysene-d12	21.564	240	9847	0.400	ng	# 0.00
35) Perylene-d12	24.029	264	6998	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	1496	0.150	ng	0.00
5) Phenol-d6	7.104	99	1241	0.099	ng	0.00
8) Nitrobenzene-d5	9.118	82	3132	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.361	152	5625	0.296	ng	0.00
14) 2,4,6-Tribromophenol	16.109	330	1171	0.396	ng	0.00
15) 2-Fluorobiphenyl	13.231	172	9836	0.334	ng	-0.01
27) Fluoranthene-d10	19.403	212	14743	0.368	ng	0.00
31) Terphenyl-d14	20.001	244	14299	0.557	ng	0.00
Target Compounds						
17) Acenaphthene	14.675	154	4634	0.204	ng	99
18) Fluorene	15.658	166	1599	0.050	ng	# 78
26) Anthracene	17.474	178	2554	0.061	ng	# 1
28) Fluoranthene	19.432	202	12381	0.230	ng	100
30) Pyrene	19.799	202	19550	0.431	ng	100
32) Benzo(a)anthracene	21.555	228	861	0.022	ng	# 74
33) Chrysene	21.609	228	1445	0.036	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.466	149	11536	0.421	ng	98

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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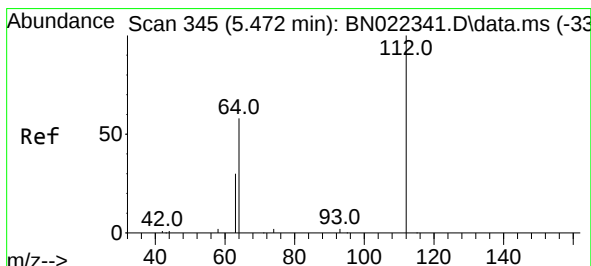
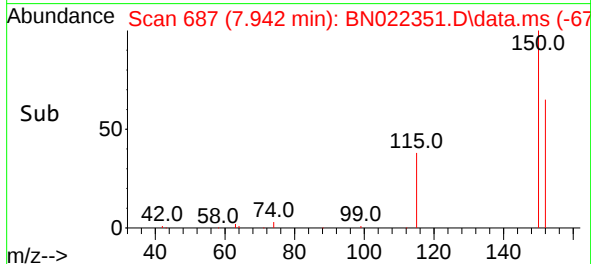
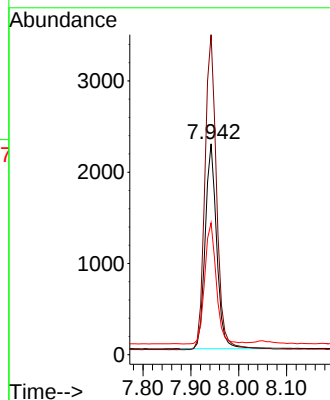
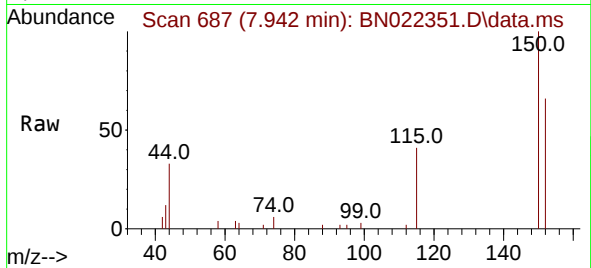




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

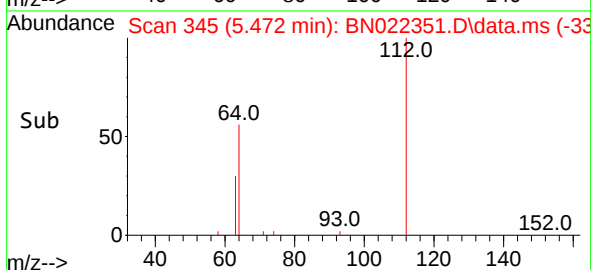
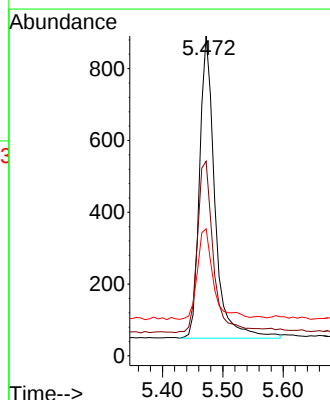
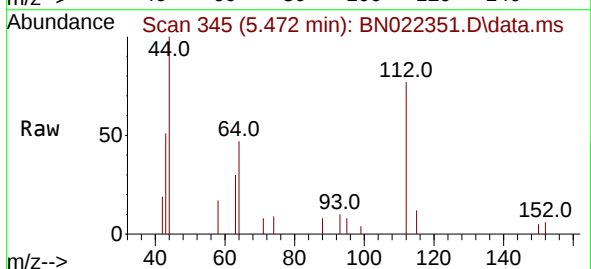
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

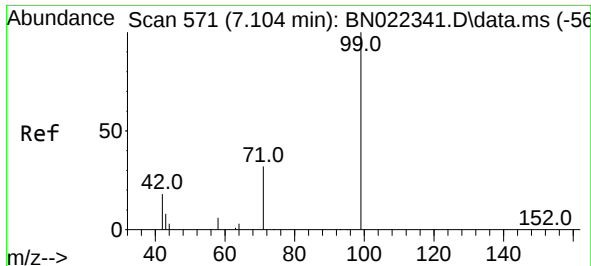
Tgt Ion:152 Resp: 3753
Ion Ratio Lower Upper
152 100
150 151.7 125.2 187.8
115 62.5 52.0 78.0



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.472 min Scan# 345
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion:112 Resp: 1496
Ion Ratio Lower Upper
112 100
64 58.8 47.0 70.4
63 30.8 24.5 36.7

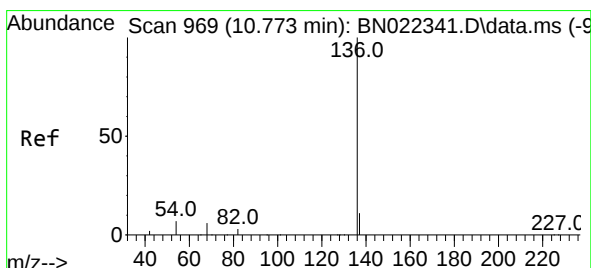
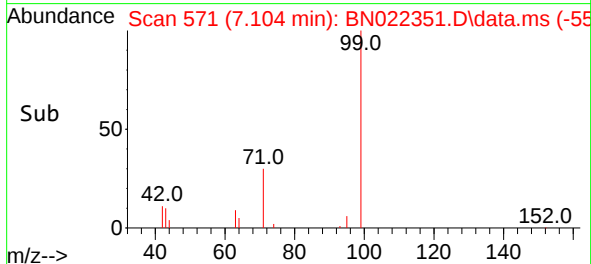
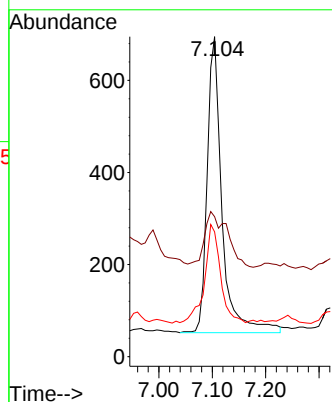
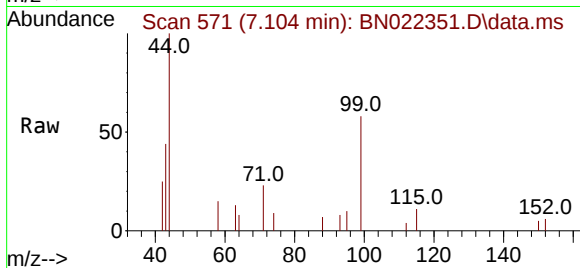




#5
Phenol-d6
Concen: 0.099 ng
RT: 7.104 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

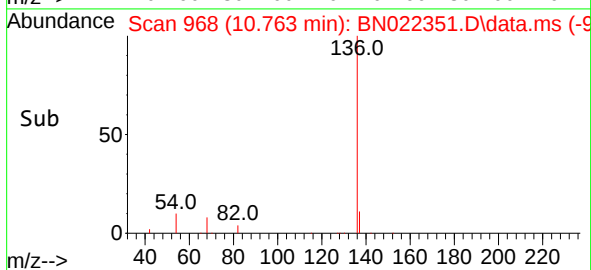
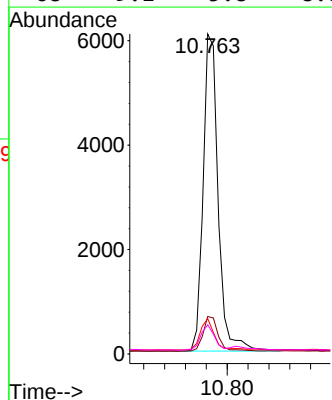
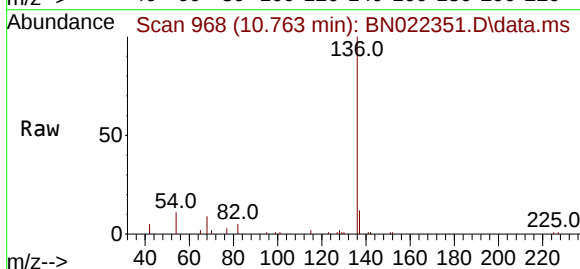
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

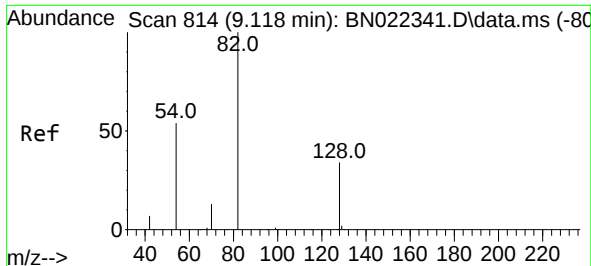
Tgt Ion: 99 Resp: 1241
Ion Ratio Lower Upper
99 100
42 29.0 16.3 24.5#
71 35.9 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.763 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion: 136 Resp: 12097
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 11.1 6.5 9.7#
68 9.1 5.8 8.8#

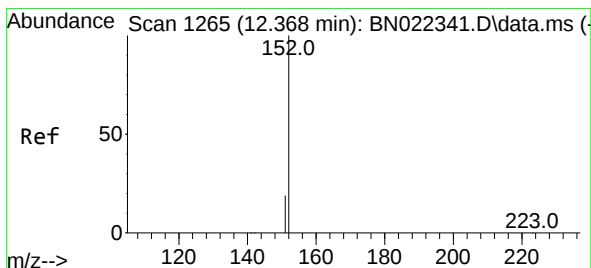
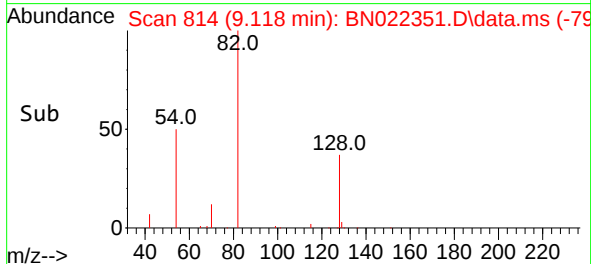
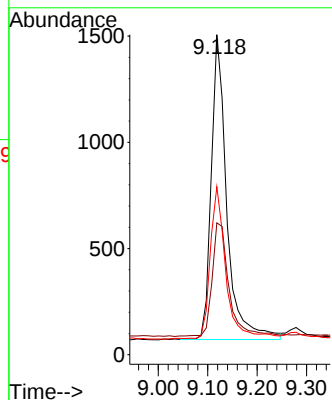
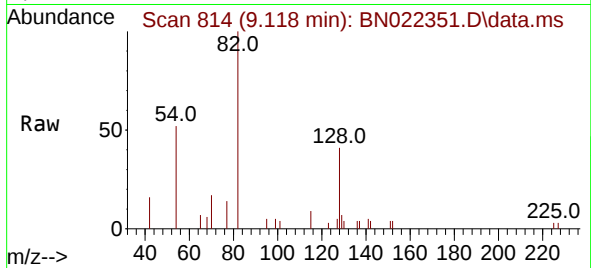




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.118 min Scan# 814
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

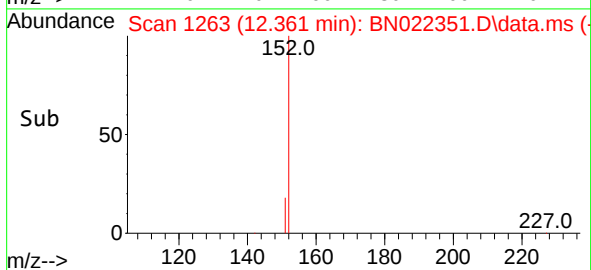
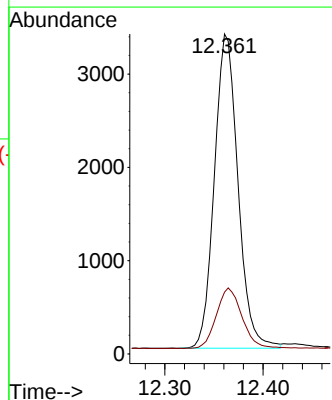
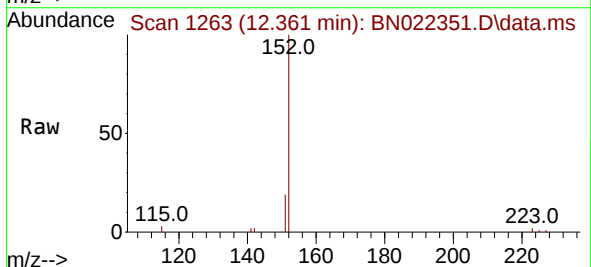
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

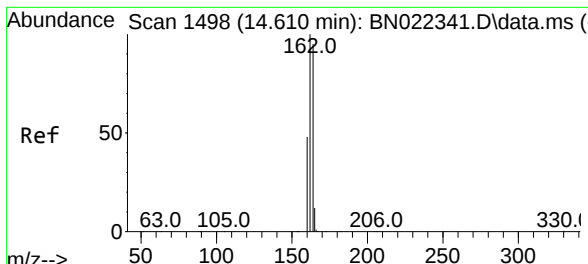
Tgt Ion: 82 Resp: 3132
Ion Ratio Lower Upper
82 100
128 41.2 30.5 45.7
54 52.5 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.361 min Scan# 1263
Delta R.T. -0.007 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion: 152 Resp: 5625
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1

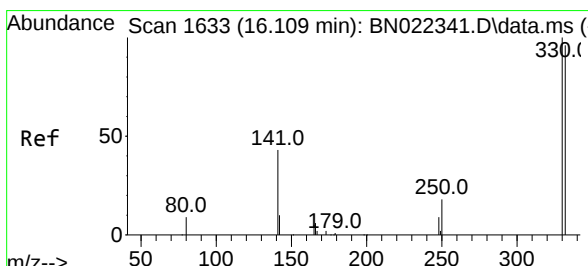
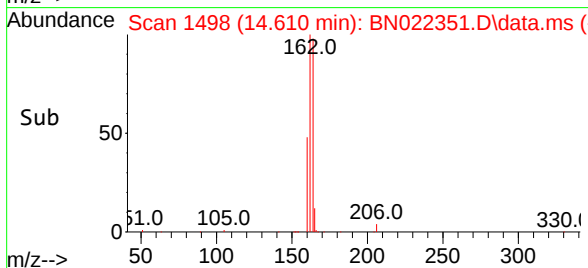
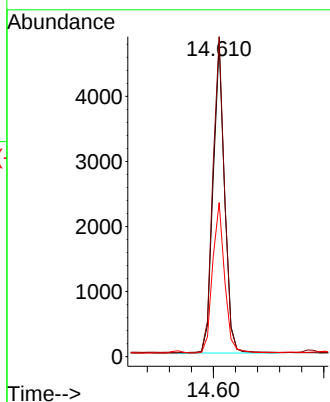
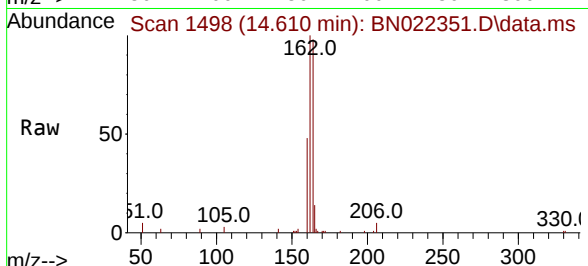




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.610 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BN022351.D
 Acq: 27 Oct 2022 01:55

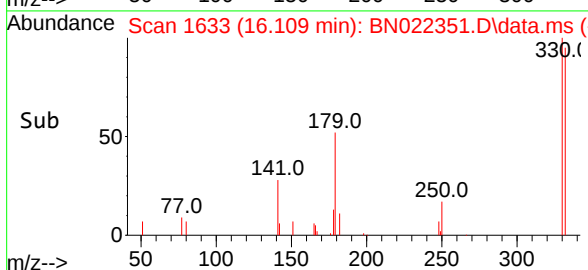
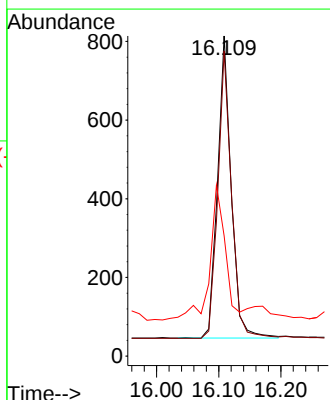
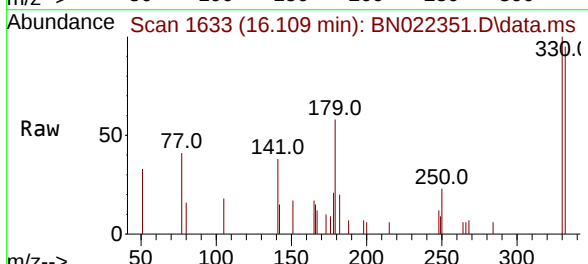
Instrument :
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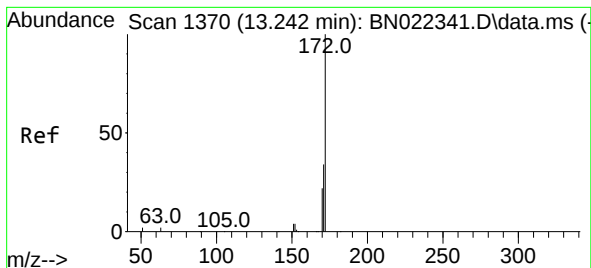
Tgt Ion:	164	Resp:	6887
Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.9	125.9
160	49.3	41.0	61.4



#14
 2,4,6-Tribromophenol
 Concen: 0.396 ng
 RT: 16.109 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: BN022351.D
 Acq: 27 Oct 2022 01:55

Tgt Ion:	330	Resp:	1171
Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.6	118.0
141	45.8	40.2	60.4





#15

2-Fluorobiphenyl

Concen: 0.334 ng

RT: 13.231 min Scan# 1369

Delta R.T. -0.011 min

Lab File: BN022351.D

Acq: 27 Oct 2022 01:55

Instrument :

BNA_N

ClientSampleId :

LSP-GW-03

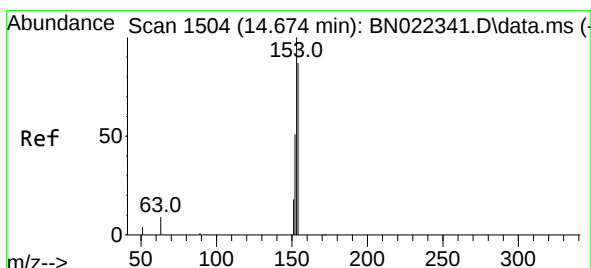
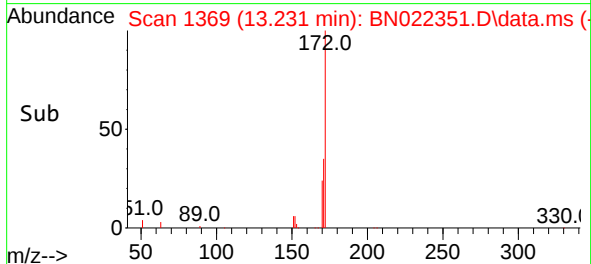
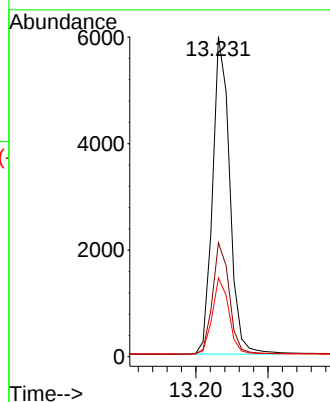
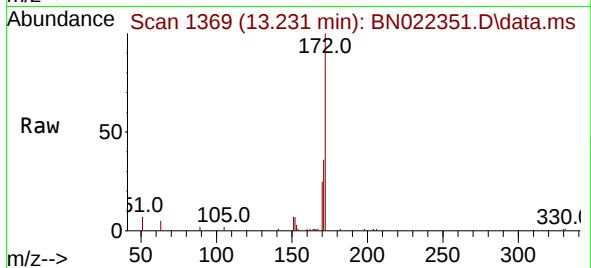
Tgt Ion:172 Resp: 9836

Ion Ratio Lower Upper

172 100

171 35.6 27.4 41.0

170 24.6 18.5 27.7



#17

Acenaphthene

Concen: 0.204 ng

RT: 14.675 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BN022351.D

Acq: 27 Oct 2022 01:55

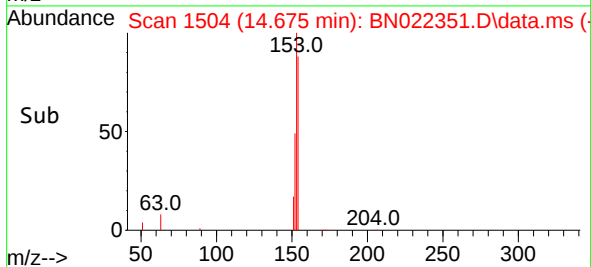
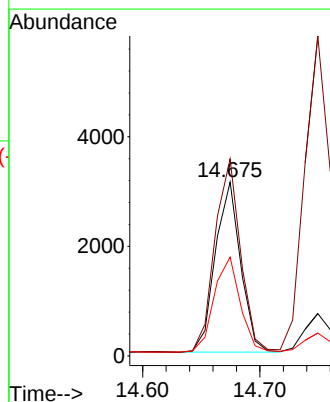
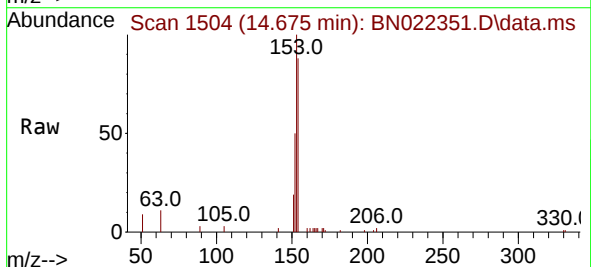
Tgt Ion:154 Resp: 4634

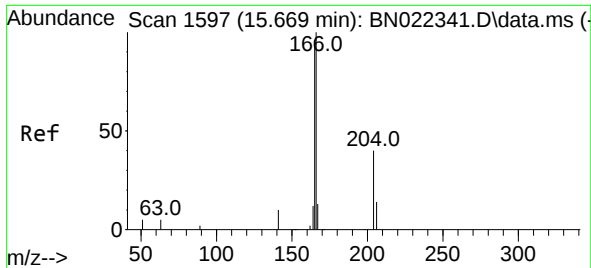
Ion Ratio Lower Upper

154 100

153 116.4 92.2 138.2

152 57.9 47.6 71.4

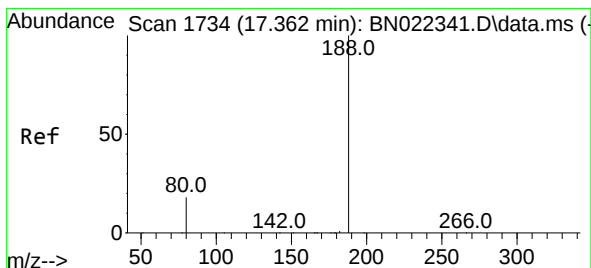
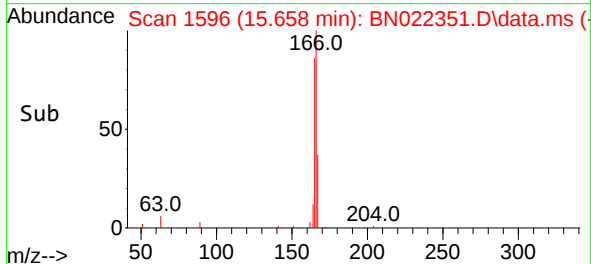
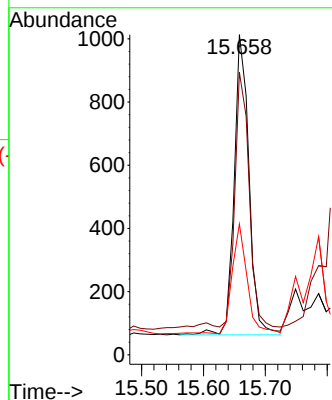
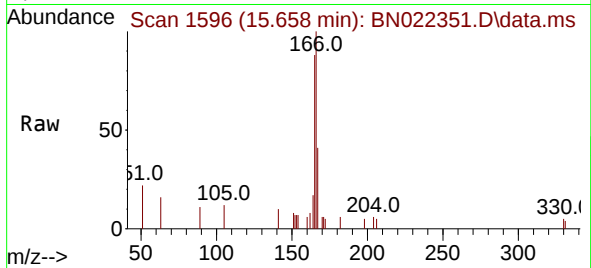




#18
Fluorene
Concen: 0.050 ng
RT: 15.658 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

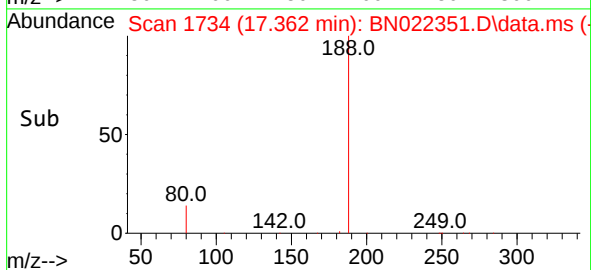
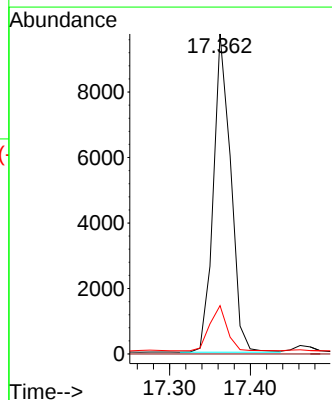
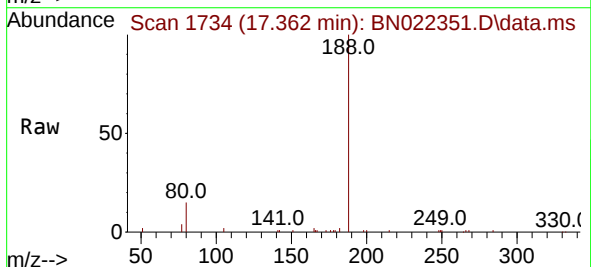
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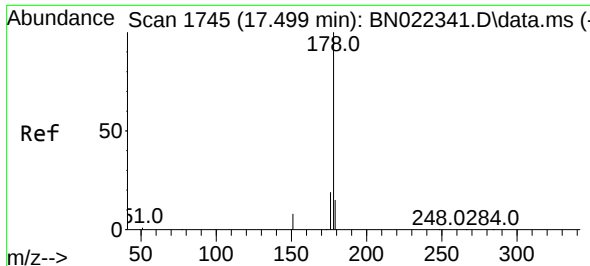
Tgt Ion:166 Resp: 1599
Ion Ratio Lower Upper
166 100
165 81.4 78.6 118.0
167 35.6 10.2 15.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.362 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion:188 Resp: 14501
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 15.0 22.6

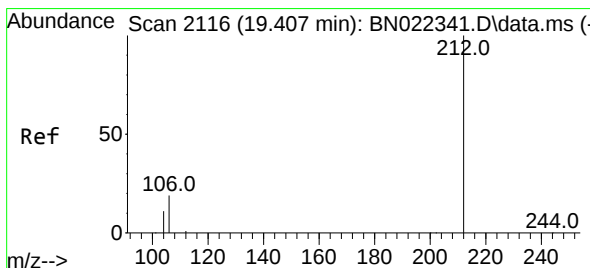
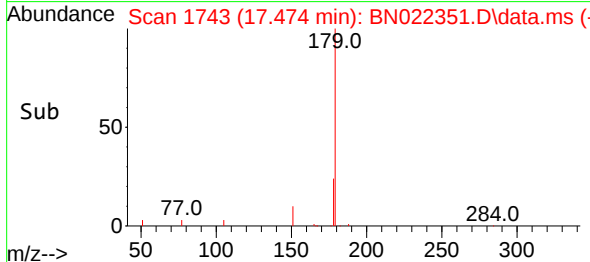
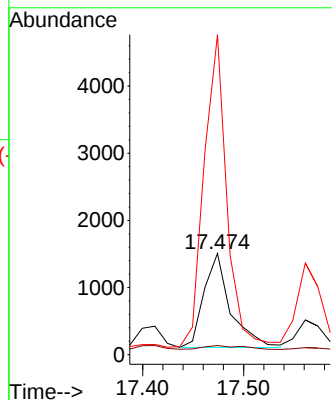
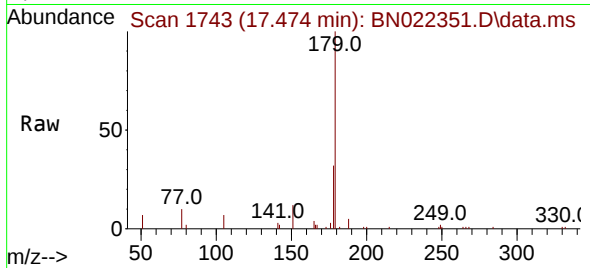




#26
 Anthracene
 Concen: 0.061 ng
 RT: 17.474 min Scan# 1743
 Delta R.T. -0.025 min
 Lab File: BN022351.D
 Acq: 27 Oct 2022 01:55

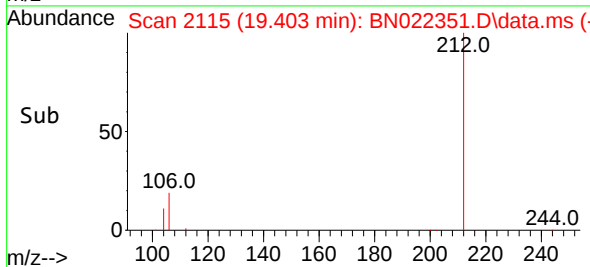
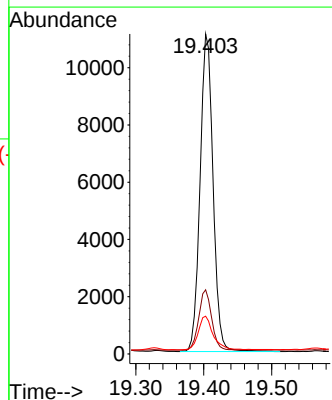
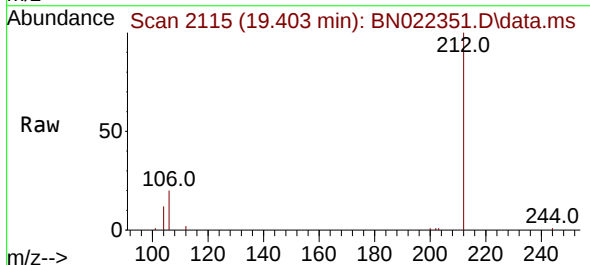
Instrument :
 BNA_N
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 LSP-GW-03

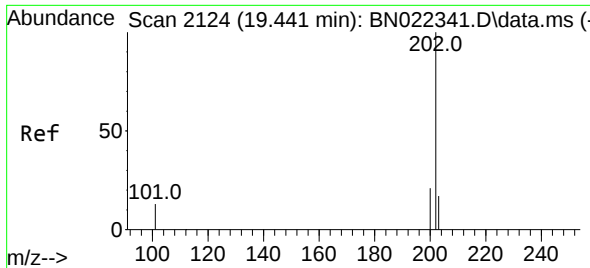
Tgt Ion:178 Resp: 2554
 Ion Ratio Lower Upper
 178 100
 176 6.1 15.0 22.4#
 179 285.4 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.403 min Scan# 2115
 Delta R.T. -0.004 min
 Lab File: BN022351.D
 Acq: 27 Oct 2022 01:55

Tgt Ion:212 Resp: 14743
 Ion Ratio Lower Upper
 212 100
 106 18.8 15.0 22.4
 104 11.9 9.3 13.9

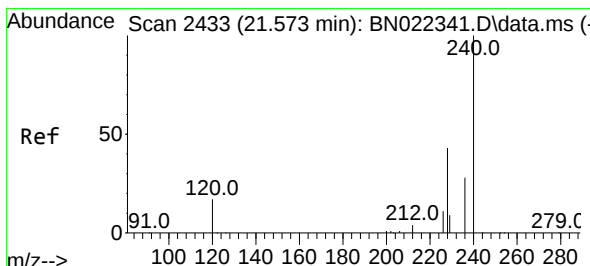
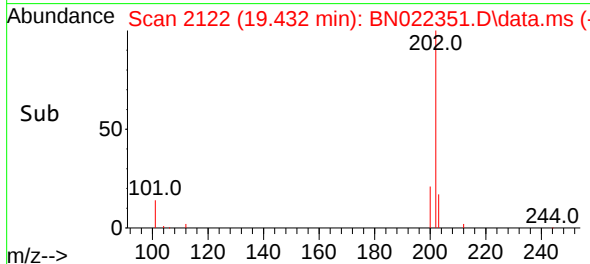
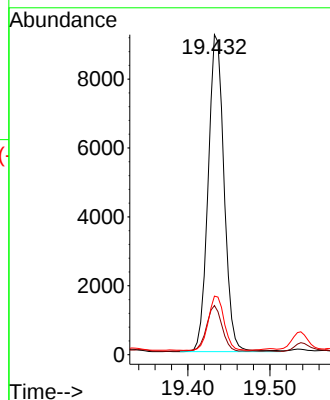
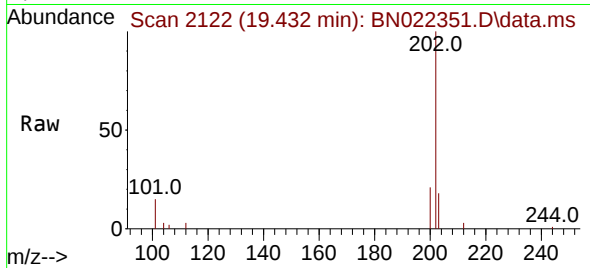




#28
Fluoranthene
Concen: 0.230 ng
RT: 19.432 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

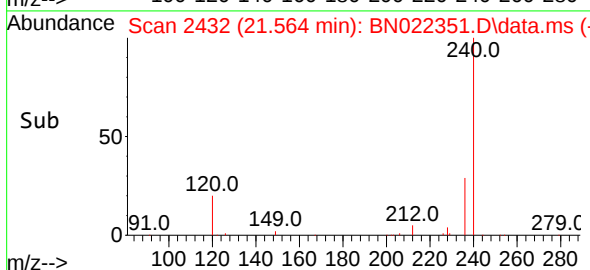
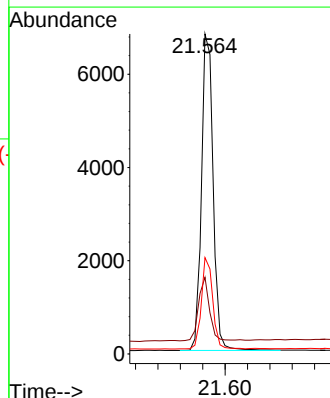
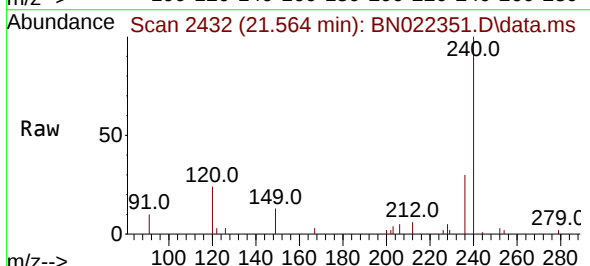
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

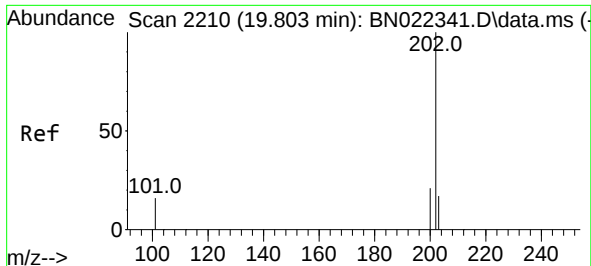
Tgt Ion:202 Resp: 12381
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
203 17.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion:240 Resp: 9847
Ion Ratio Lower Upper
240 100
120 23.9 15.8 23.6#
236 30.1 23.2 34.8

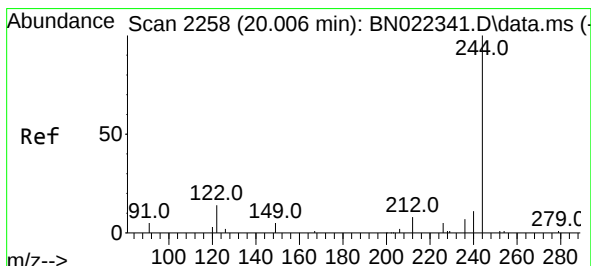
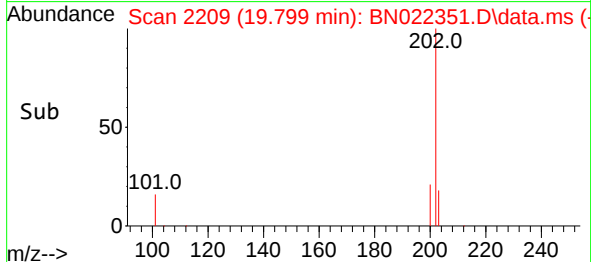
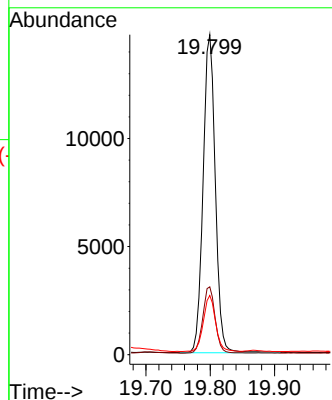
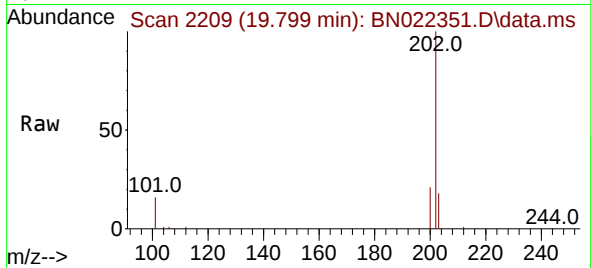




#30
Pyrene
Concen: 0.431 ng
RT: 19.799 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

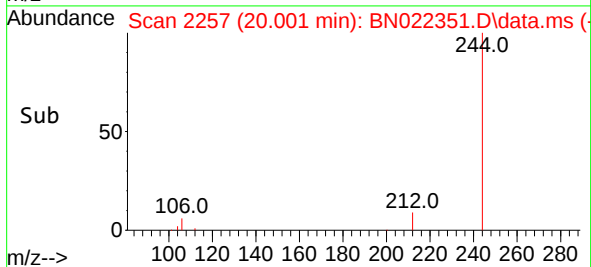
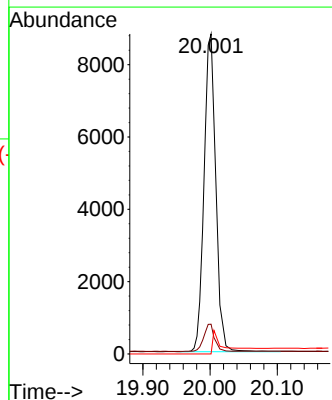
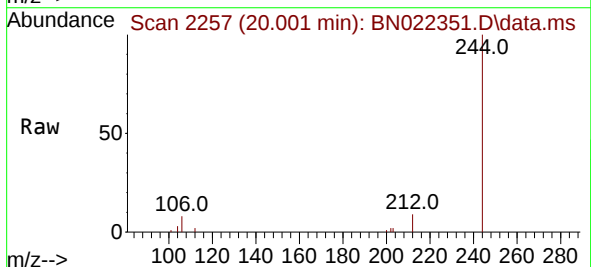
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

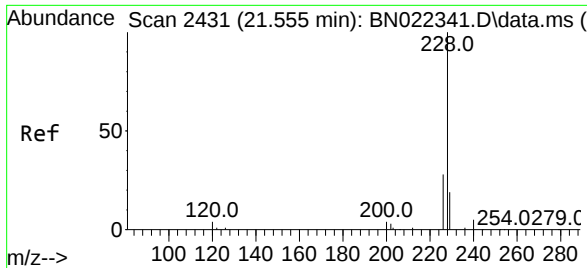
Tgt Ion:202 Resp: 19550
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.7 14.2 21.2



#31
Terphenyl-d14
Concen: 0.557 ng
RT: 20.001 min Scan# 2257
Delta R.T. -0.004 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion:244 Resp: 14299
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.4
122 0.0 11.5 17.3#

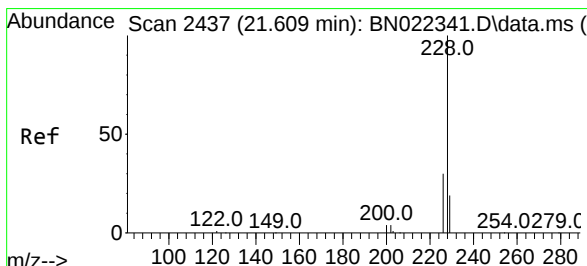
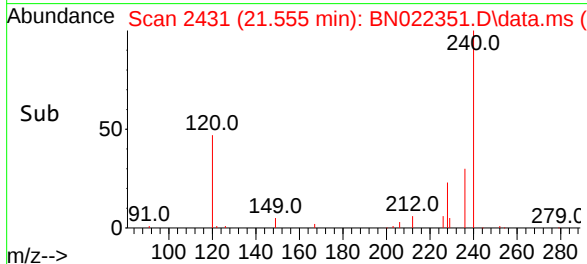
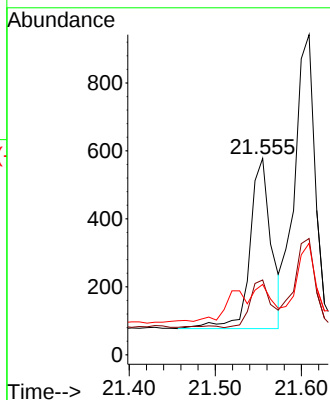
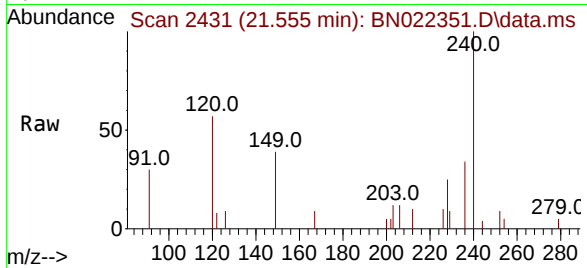




#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.555 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

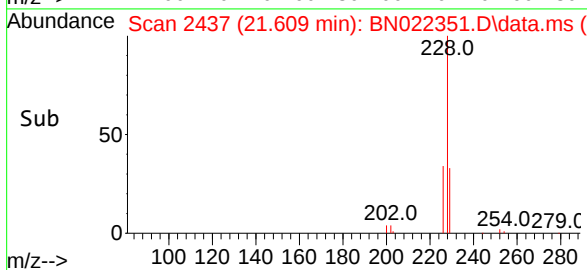
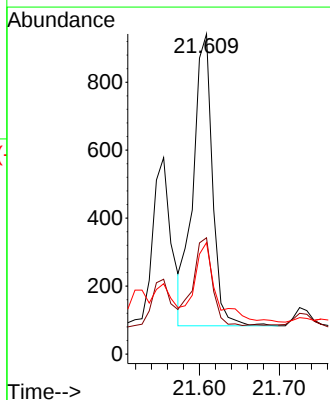
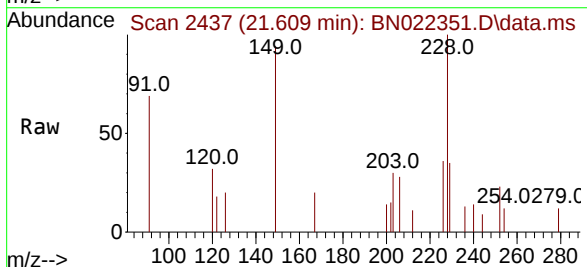
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

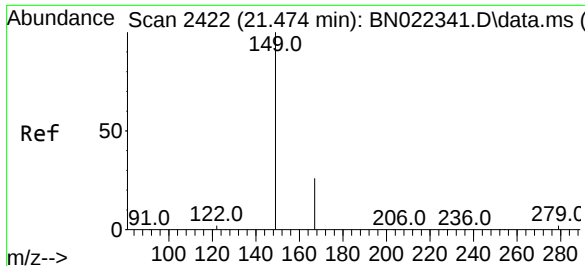
Tgt Ion:228 Resp: 861
Ion Ratio Lower Upper
228 100
226 38.1 22.6 34.0#
229 35.8 15.5 23.3#



#33
Chrysene
Concen: 0.036 ng
RT: 21.609 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion:228 Resp: 1445
Ion Ratio Lower Upper
228 100
226 36.3 24.5 36.7
229 34.8 15.6 23.4#

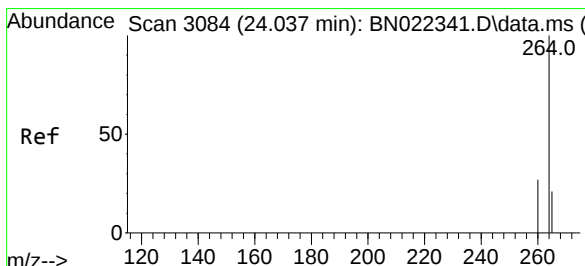
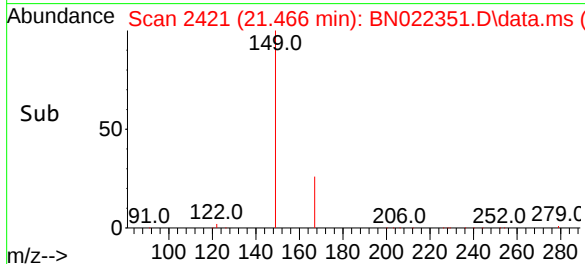
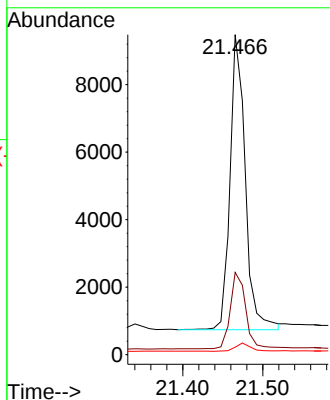
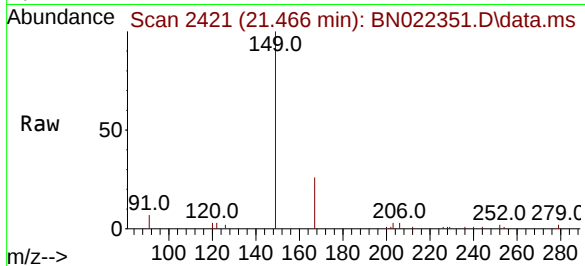




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.421 ng
 RT: 21.466 min Scan# 2422
 Delta R.T. -0.008 min
 Lab File: BN022351.D
 Acq: 27 Oct 2022 01:55

Instrument :
 BNA_N
 ClientSampleId :
 LSP-GW-03

Tgt Ion:149 Resp: 11536
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 2.7 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.029 min Scan# 3081
 Delta R.T. -0.009 min
 Lab File: BN022351.D
 Acq: 27 Oct 2022 01:55

Tgt Ion:264 Resp: 6998
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.1 33.1
 265 73.6 53.0 79.4

