

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
 Data File : BN022354.D
 Acq On : 27 Oct 2022 03:47
 Operator : CG/JU
 Sample : N5234-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-03-03-05

Quant Time: Oct 27 08:32:41 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)

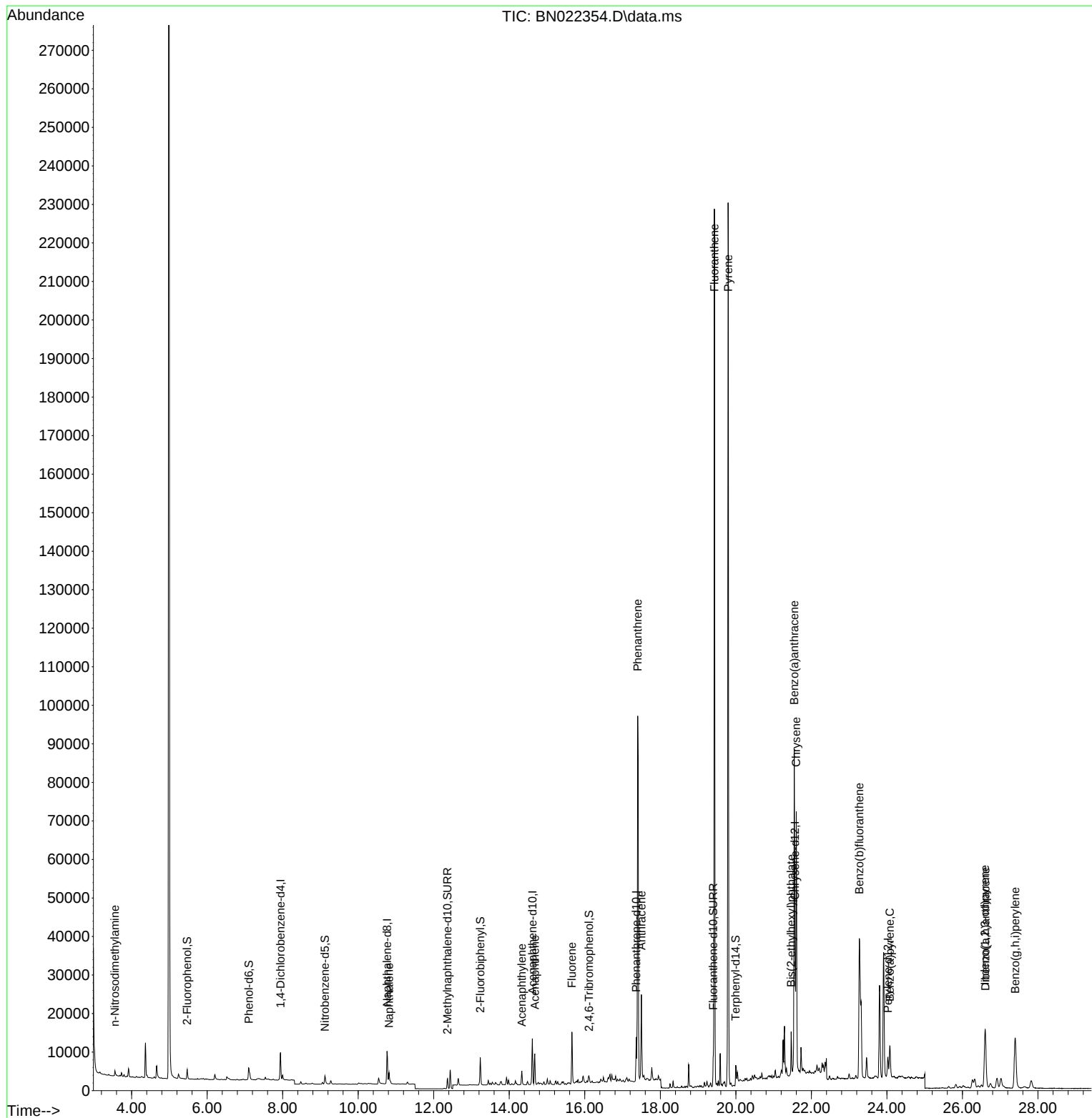
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3772	0.400	ng	0.00
7) Naphthalene-d8	10.763	136	11924	0.400	ng	#-0.01
13) Acenaphthene-d10	14.610	164	6701	0.400	ng	0.00
19) Phenanthrene-d10	17.362	188	14369	0.400	ng	# 0.00
29) Chrysene-d12	21.564	240	11405	0.400	ng	0.00
35) Perylene-d12	24.026	264	7874	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	2232	0.222	ng	0.00
5) Phenol-d6	7.104	99	3451	0.274	ng	0.00
8) Nitrobenzene-d5	9.119	82	2143	0.208	ng	0.00
11) 2-Methylnaphthalene-d10	12.365	152	3854	0.206	ng	0.00
14) 2,4,6-Tribromophenol	16.109	330	256	0.089	ng	0.00
15) 2-Fluorobiphenyl	13.231	172	6322	0.221	ng	-0.01
27) Fluoranthene-d10	19.403	212	8122	0.205	ng	0.00
31) Terphenyl-d14	19.997	244	6980	0.235	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.558	42	242	0.043	ng	# 1
9) Naphthalene	10.816	128	3673	0.103	ng	96
16) Acenaphthylene	14.333	152	3681	0.113	ng	97
17) Acenaphthene	14.675	154	3999	0.181	ng	100
18) Fluorene	15.658	166	8751	0.284	ng	98
25) Phenanthrene	17.400	178	107753	2.187	ng	99
26) Anthracene	17.499	178	24177	0.583	ng	99
28) Fluoranthene	19.432	202	191312	3.582	ng	100
30) Pyrene	19.795	202	196607	3.746	ng	98
32) Benzo(a)anthracene	21.546	228	71564	1.594	ng	99
33) Chrysene	21.600	228	61506	1.311	ng	98
34) Bis(2-ethylhexyl)phtha...	21.466	149	10456	0.315	ng	98
36) Indeno(1,2,3-cd)pyrene	26.599	276	26809	0.689	ng	93
37) Benzo(b)fluoranthene	23.271	252	67689	1.878	ng	# 94
39) Benzo(a)pyrene	24.075	252	10722	0.366	ng	98
40) Dibenzo(a,h)anthracene	26.610	278	5585	0.184	ng	# 89
41) Benzo(g,h,i)perylene	27.397	276	29474	0.920	ng	99

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

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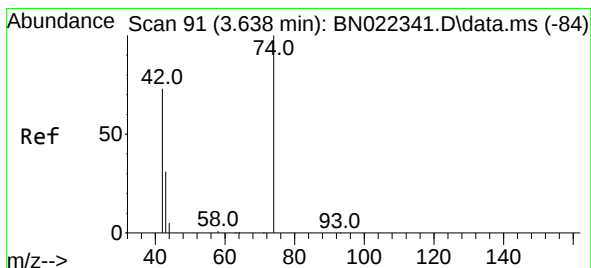
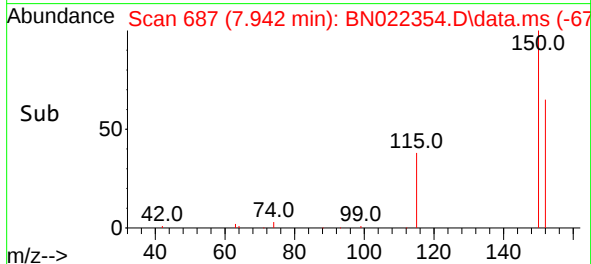
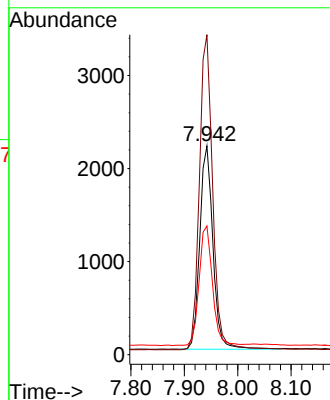
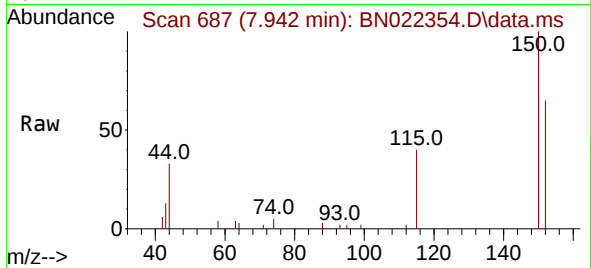




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

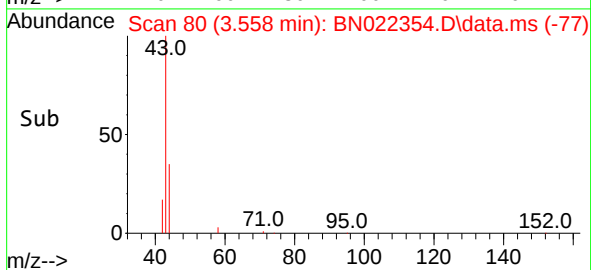
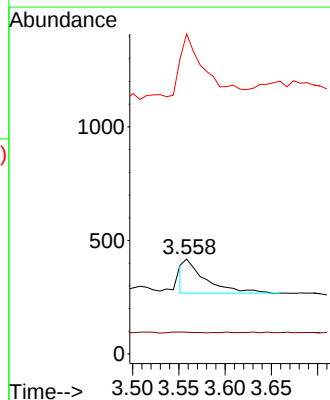
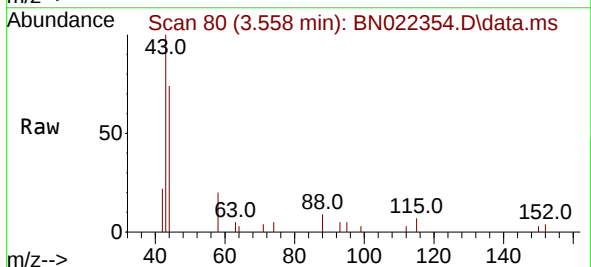
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

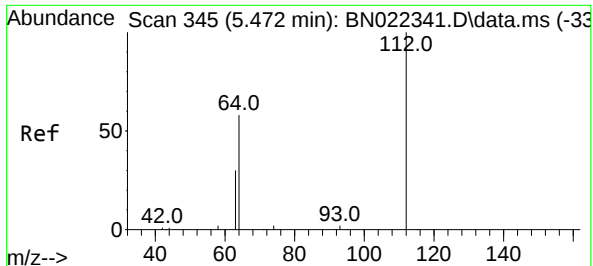
Tgt Ion:152 Resp: 3772
Ion Ratio Lower Upper
152 100
150 153.3 125.2 187.8
115 61.7 52.0 78.0



#3
n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.558 min Scan# 80
Delta R.T. -0.079 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion: 42 Resp: 242
Ion Ratio Lower Upper
42 100
74 0.0 105.6 158.4#
44 126.4 7.1 10.7#

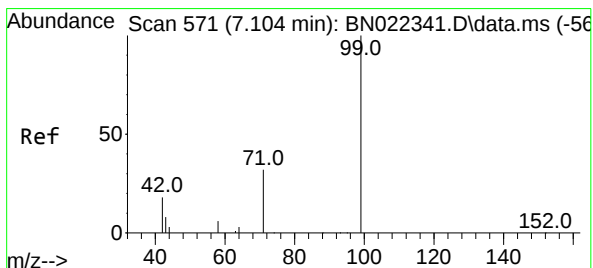
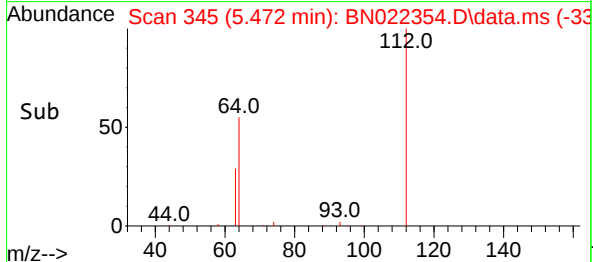
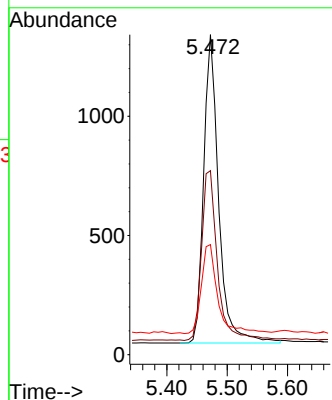
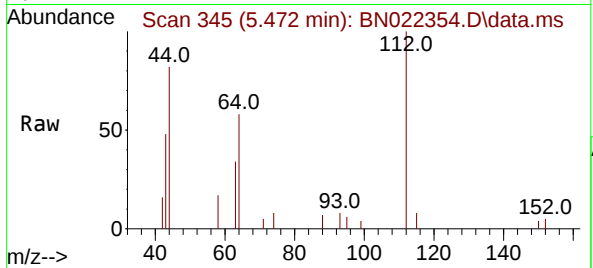




#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.472 min Scan# 345
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

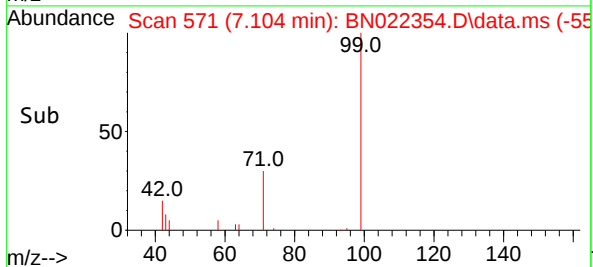
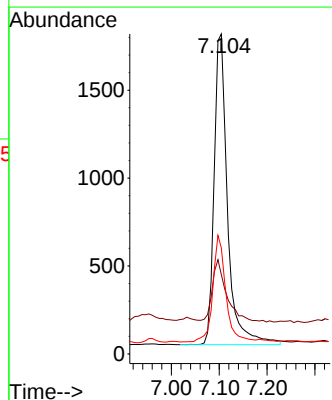
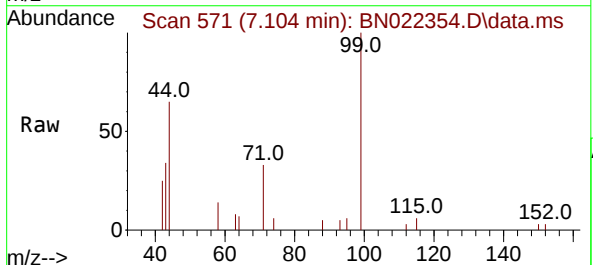
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

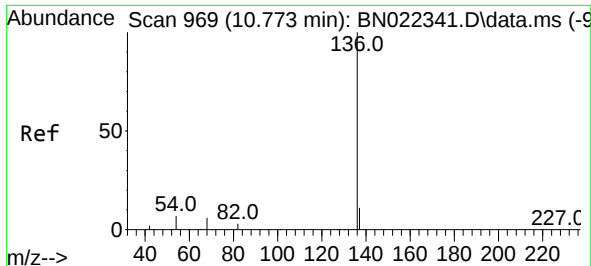
Tgt Ion:112 Resp: 2232
Ion Ratio Lower Upper
112 100
64 58.6 47.0 70.4
63 31.4 24.5 36.7



#5
Phenol-d6
Concen: 0.274 ng
RT: 7.104 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion: 99 Resp: 3451
Ion Ratio Lower Upper
99 100
42 21.6 16.3 24.5
71 32.8 26.1 39.1

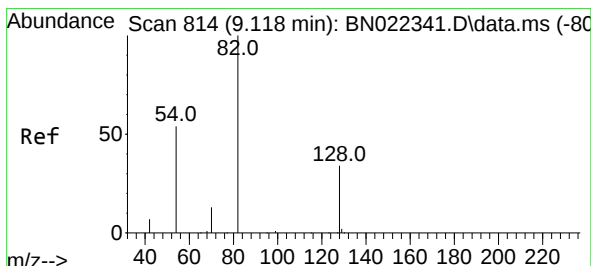
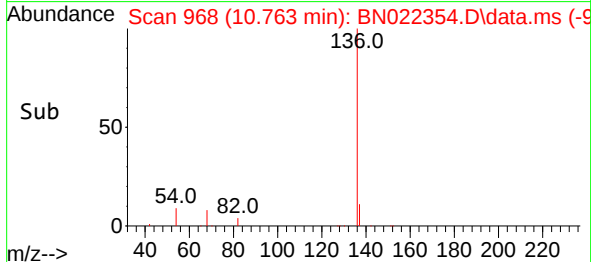
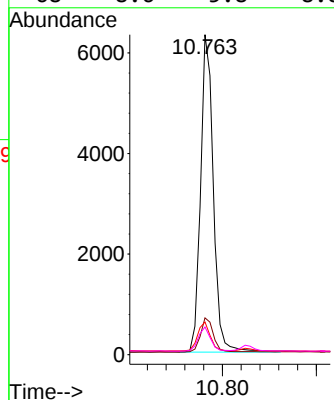
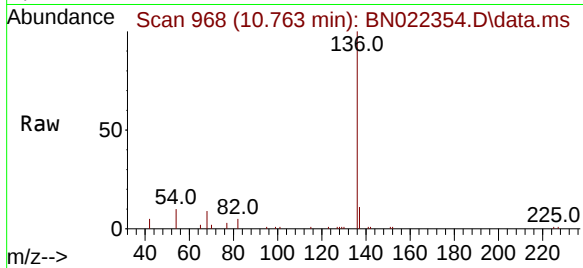




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.763 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

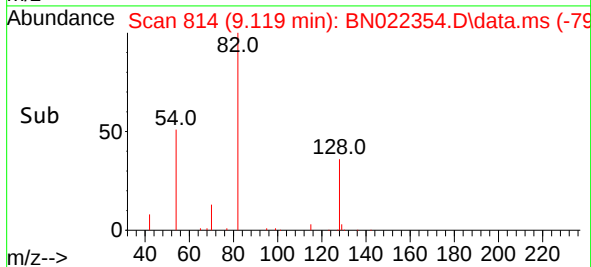
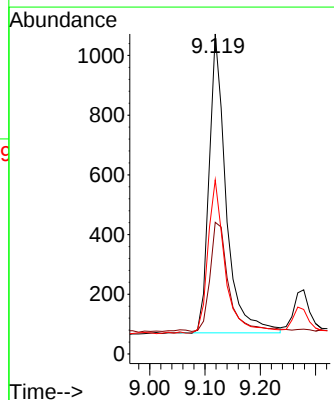
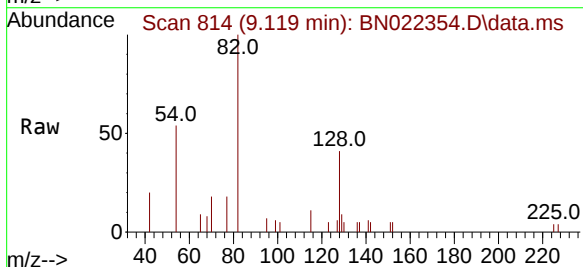
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

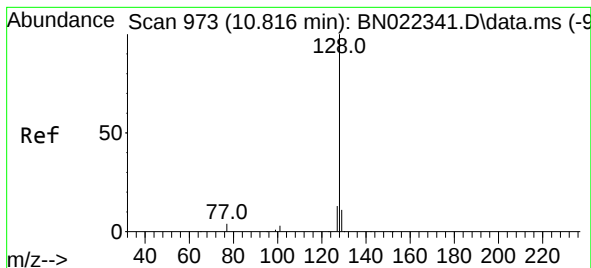
Tgt Ion:136	Resp:	11924
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.4 14.2
54	10.2	6.5 9.7#
68	8.6	5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.208 ng
RT: 9.119 min Scan# 814
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion: 82	Resp:	2143
Ion Ratio	Lower	Upper
82	100	
128	41.1	30.5 45.7
54	54.4	45.2 67.8





#9

Naphthalene

Concen: 0.103 ng

RT: 10.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN022354.D

Acq: 27 Oct 2022 03:47

Instrument :

BNA_N

ClientSampleId :

LSP-SS-03-03-05

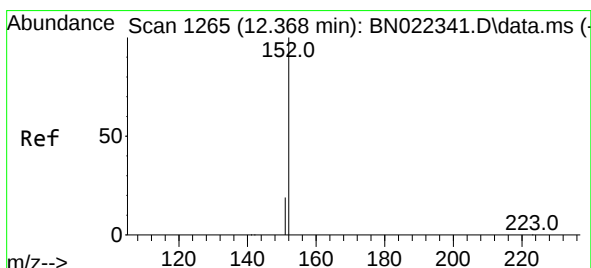
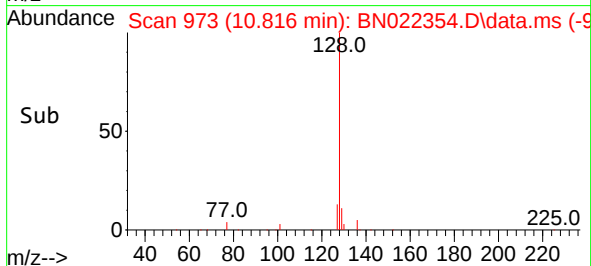
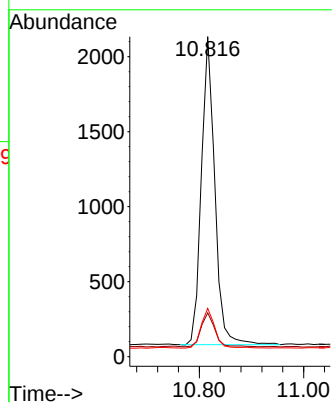
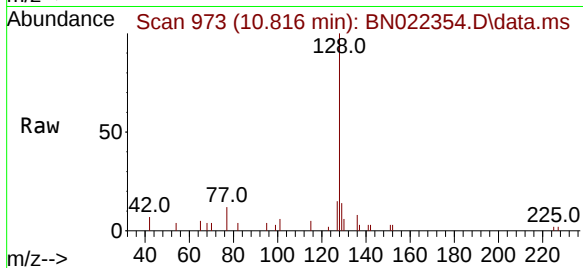
Tgt Ion:128 Resp: 3673

Ion Ratio Lower Upper

128 100

129 13.7 9.4 14.2

127 15.1 11.0 16.6



#11

2-Methylnaphthalene-d10

Concen: 0.206 ng

RT: 12.365 min Scan# 1264

Delta R.T. -0.004 min

Lab File: BN022354.D

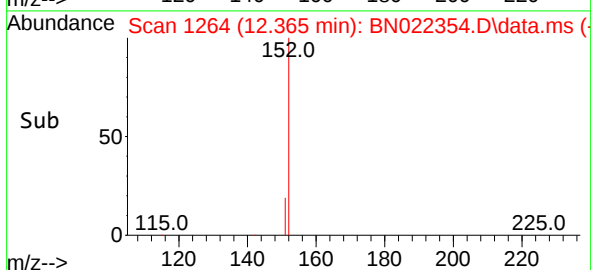
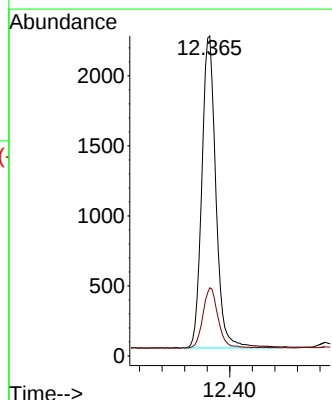
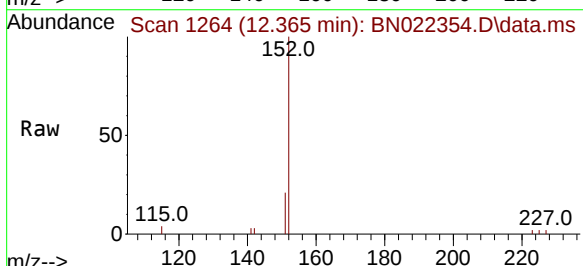
Acq: 27 Oct 2022 03:47

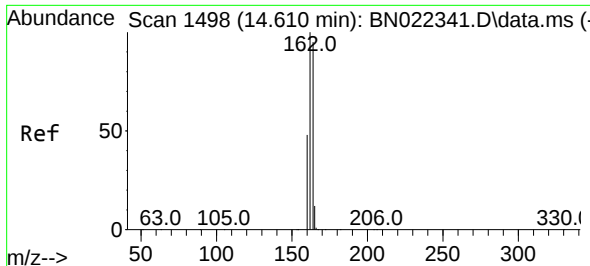
Tgt Ion:152 Resp: 3854

Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

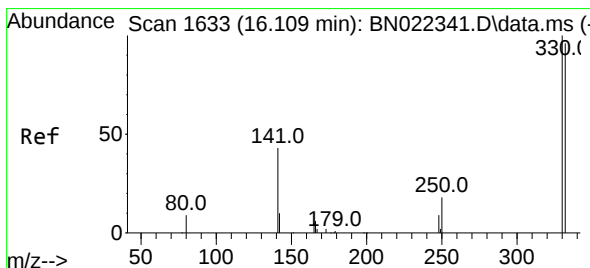
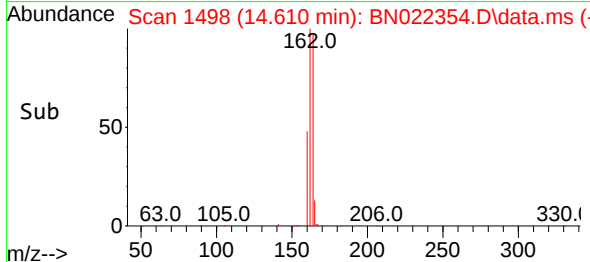
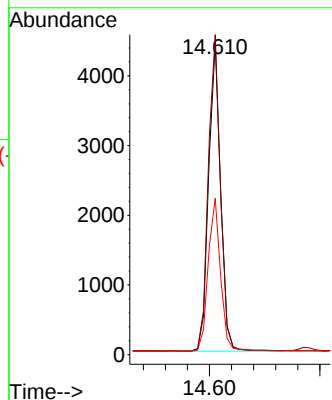
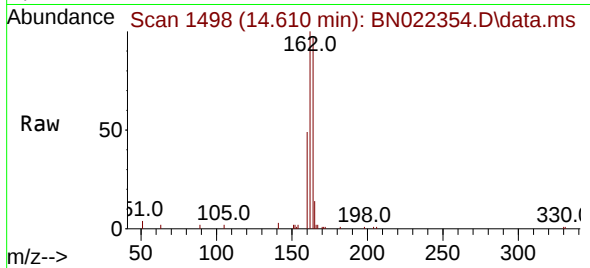




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.610 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

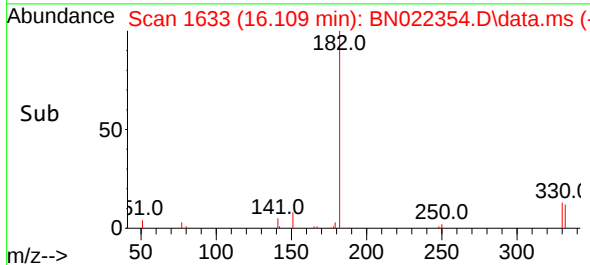
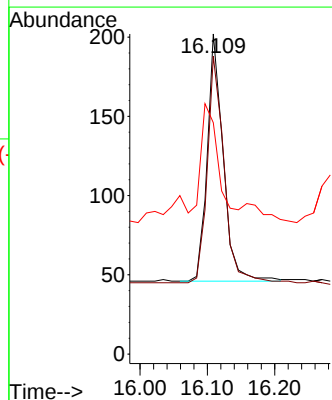
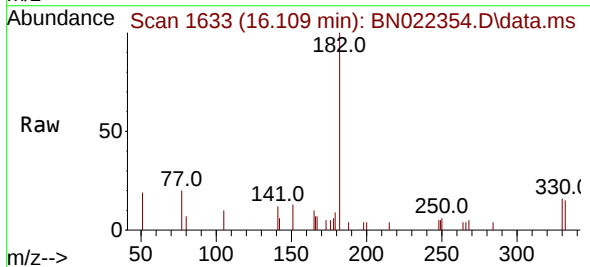
Instrument :
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LSP-SS-03-03-05

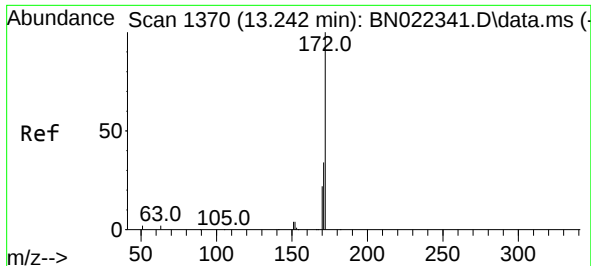
Tgt Ion:164 Resp: 6701
Ion Ratio Lower Upper
164 100
162 102.9 83.9 125.9
160 50.3 41.0 61.4



#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 16.109 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:330 Resp: 256
Ion Ratio Lower Upper
330 100
332 96.1 78.6 118.0
141 50.8 40.2 60.4

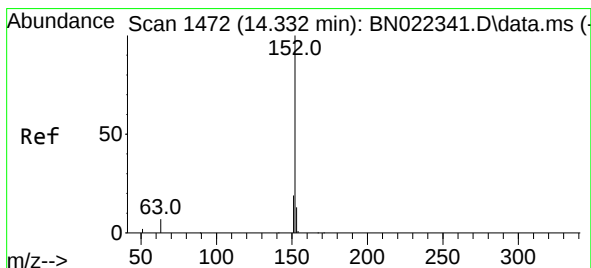
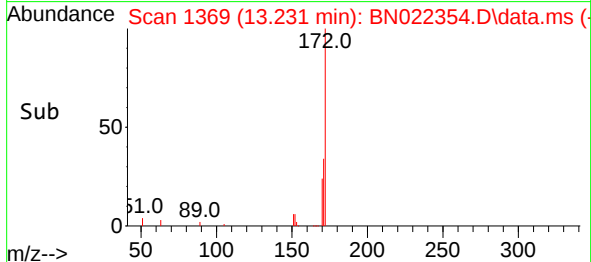
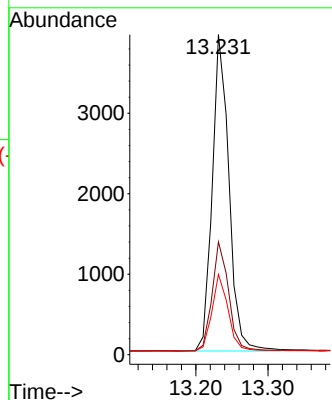
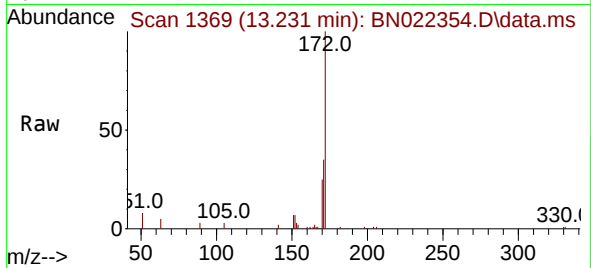




#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 13.231 min Scan# 1369
Delta R.T. -0.011 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

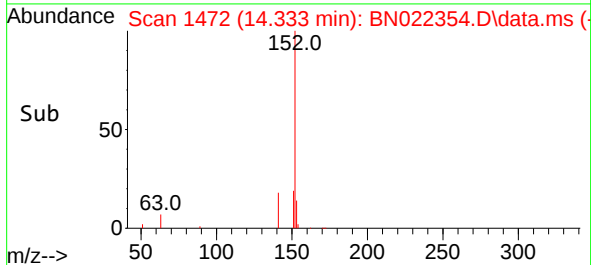
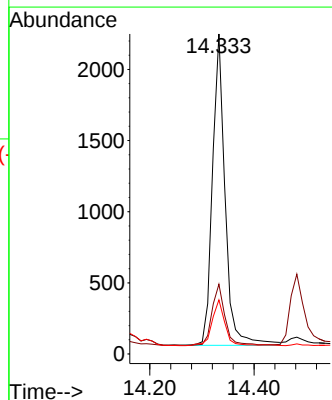
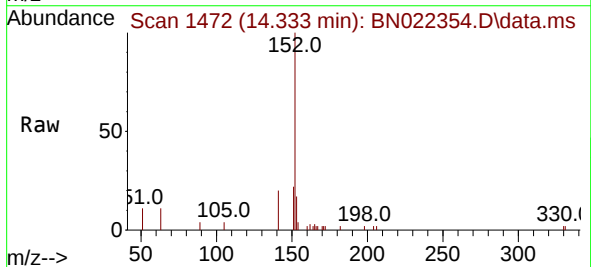
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ClientSampleId :
LSP-SS-03-03-05

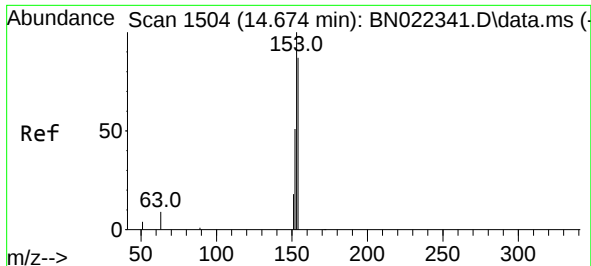
Tgt Ion:172 Resp: 6322
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 25.1 18.5 27.7



#16
Acenaphthylene
Concen: 0.113 ng
RT: 14.333 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:152 Resp: 3681
Ion Ratio Lower Upper
152 100
151 19.9 15.2 22.8
153 15.0 10.3 15.5

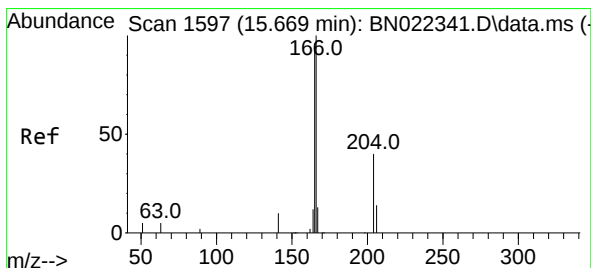
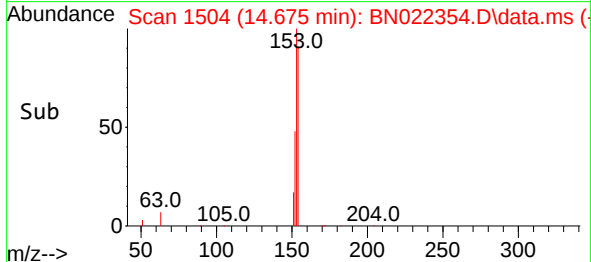
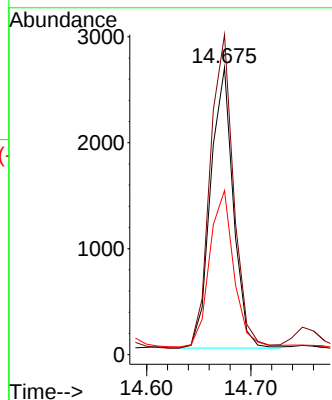
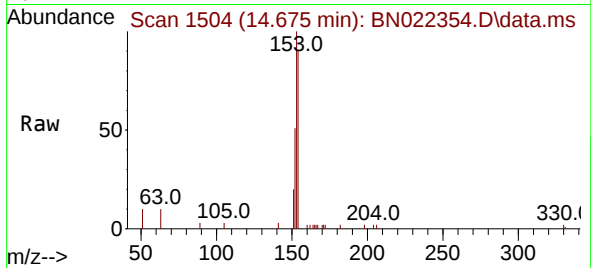




#17
Acenaphthene
Concen: 0.181 ng
RT: 14.675 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

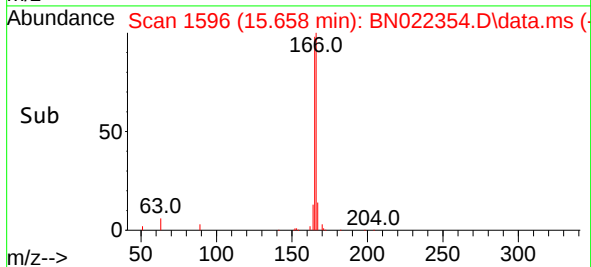
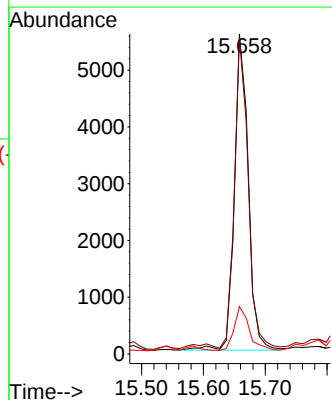
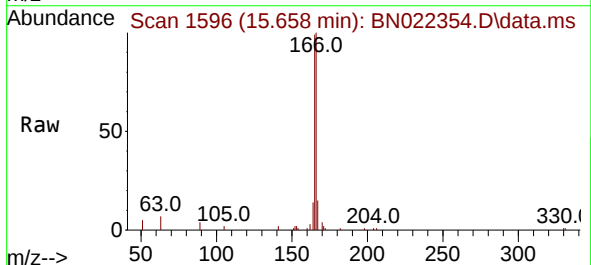
Instrument :
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LSP-SS-03-03-05

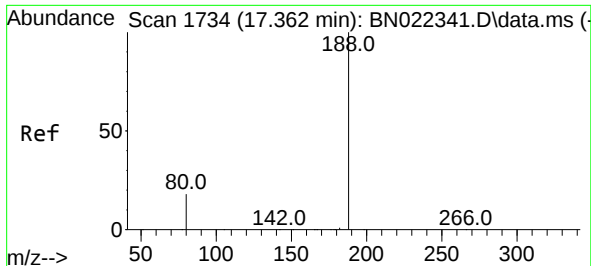
Tgt Ion:154 Resp: 3999
Ion Ratio Lower Upper
154 100
153 115.2 92.2 138.2
152 59.5 47.6 71.4



#18
Fluorene
Concen: 0.284 ng
RT: 15.658 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:166 Resp: 8751
Ion Ratio Lower Upper
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165 97.2 78.6 118.0
167 15.1 10.2 15.4

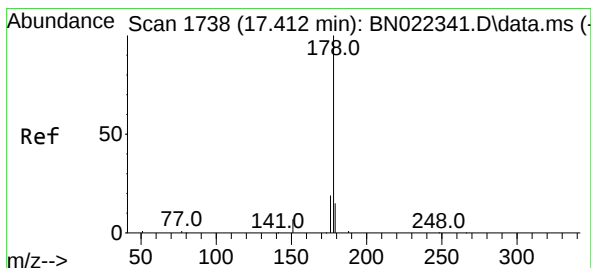
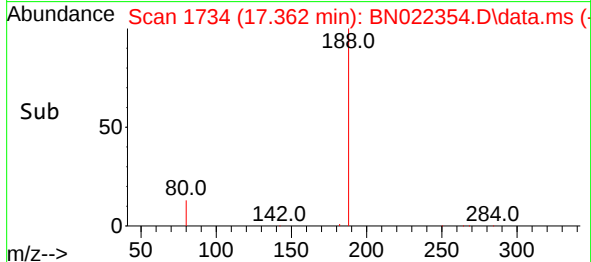
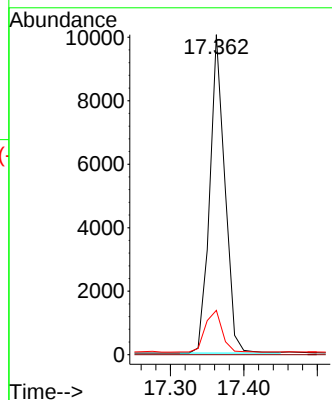
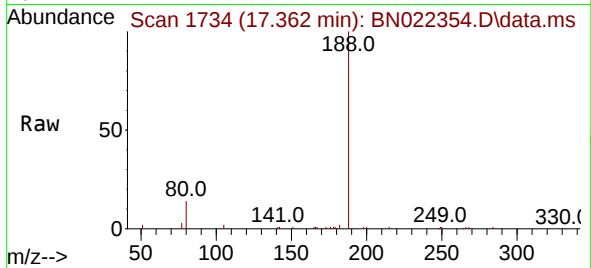




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.362 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

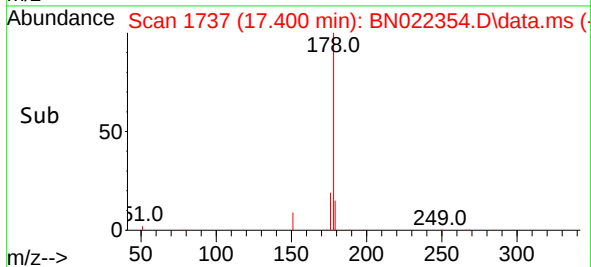
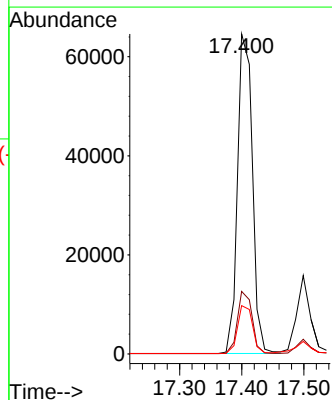
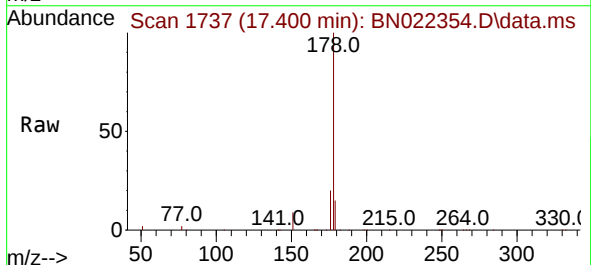
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

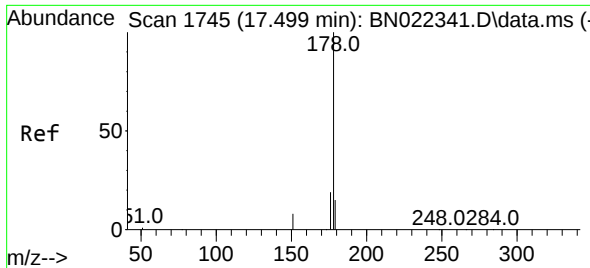
Tgt Ion:188 Resp: 14369
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 15.0 22.6#



#25
Phenanthrene
Concen: 2.187 ng
RT: 17.400 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:178 Resp: 107753
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.5 18.7

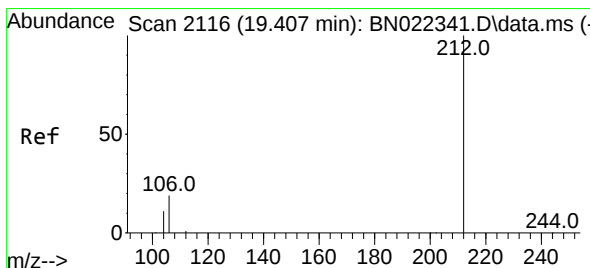
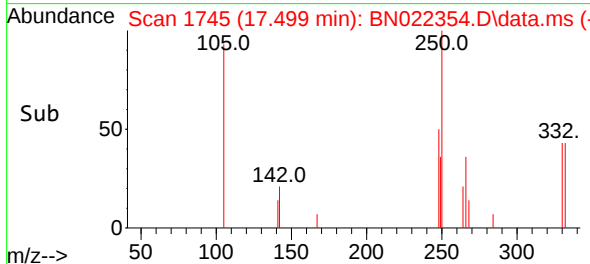
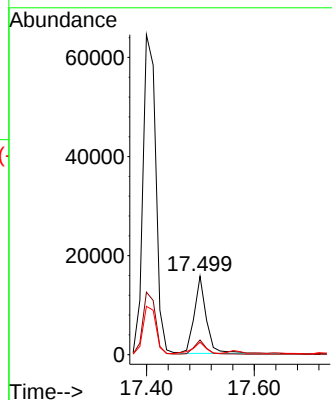
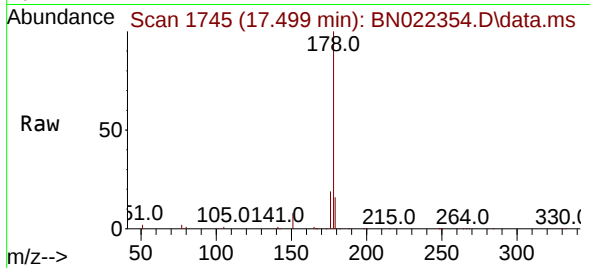




#26
 Anthracene
 Concen: 0.583 ng
 RT: 17.499 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN022354.D
 Acq: 27 Oct 2022 03:47

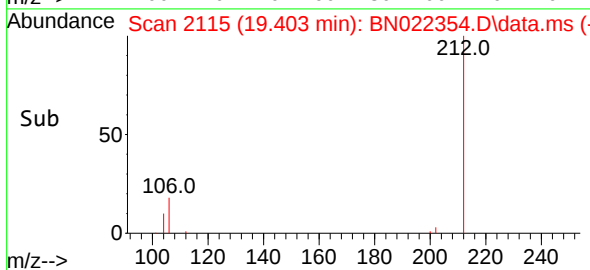
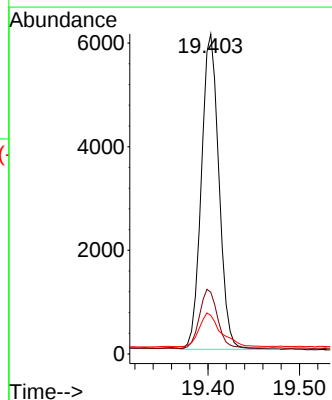
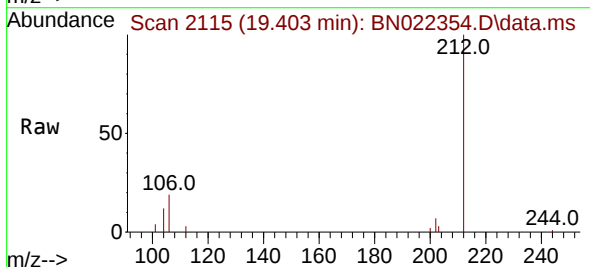
Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-03-03-05

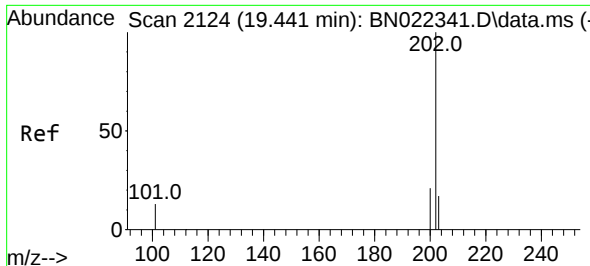
Tgt Ion:178 Resp: 24177
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.6 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.205 ng
 RT: 19.403 min Scan# 2115
 Delta R.T. -0.004 min
 Lab File: BN022354.D
 Acq: 27 Oct 2022 03:47

Tgt Ion:212 Resp: 8122
 Ion Ratio Lower Upper
 212 100
 106 19.5 15.0 22.4
 104 12.9 9.3 13.9

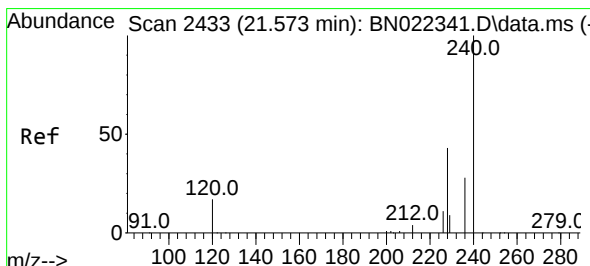
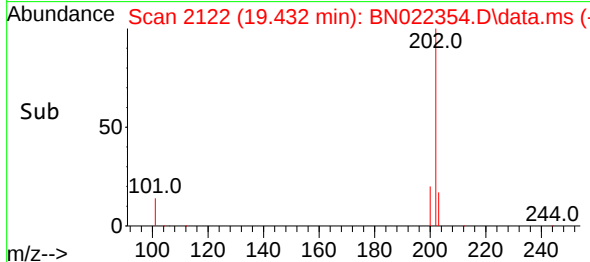
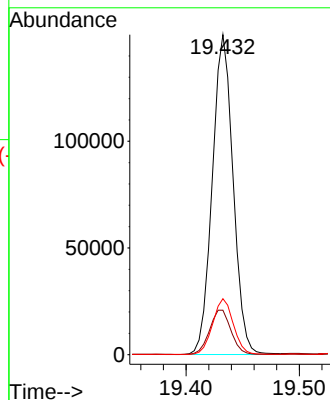
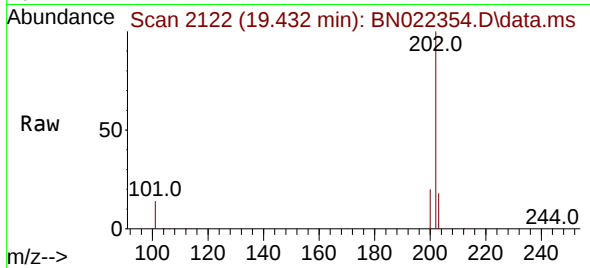




#28
Fluoranthene
Concen: 3.582 ng
RT: 19.432 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

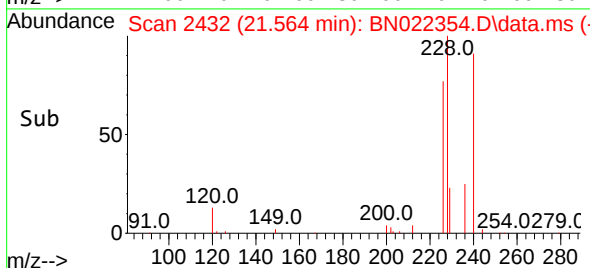
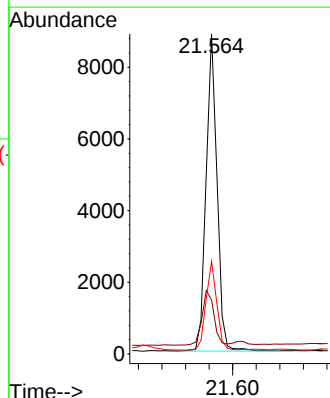
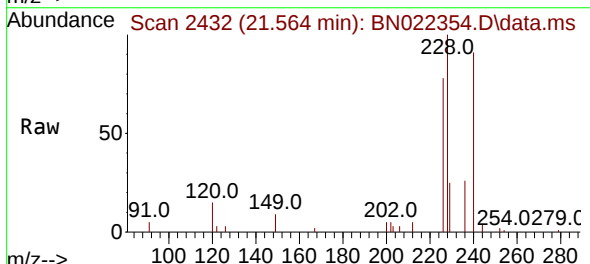
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

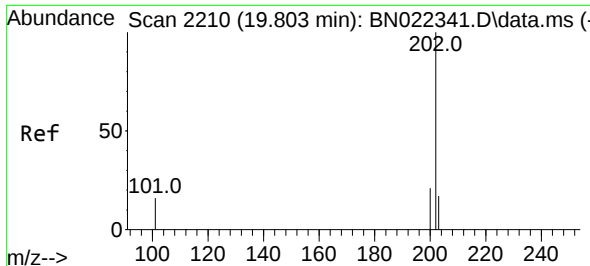
Tgt Ion:202 Resp: 191312
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
203 17.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:240 Resp: 11405
Ion Ratio Lower Upper
240 100
120 16.9 15.8 23.6
236 28.9 23.2 34.8

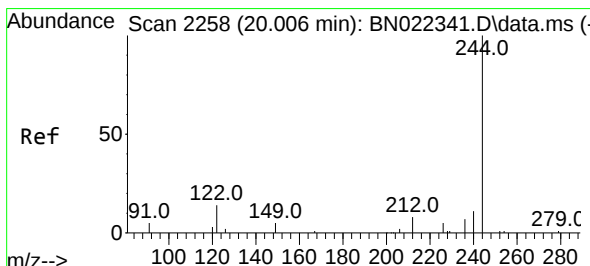
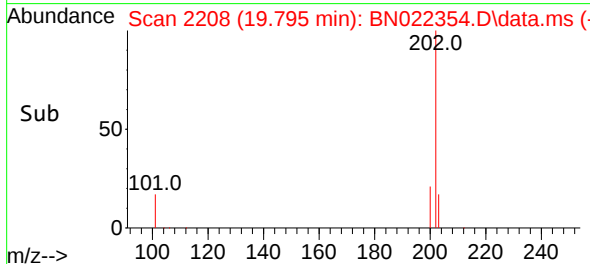
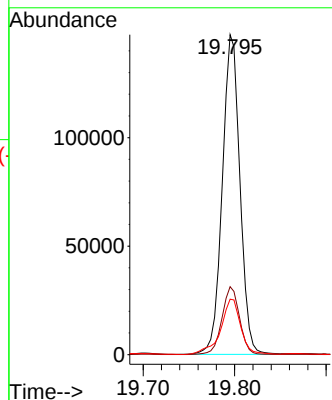
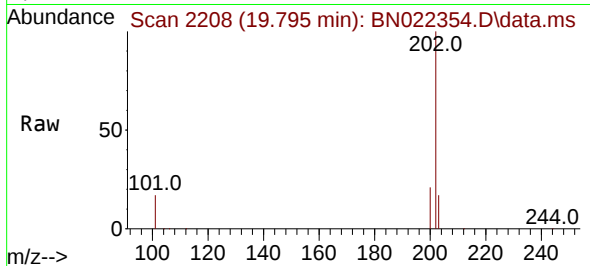




#30
Pyrene
Concen: 3.746 ng
RT: 19.795 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

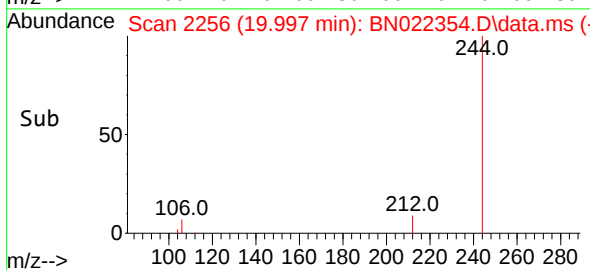
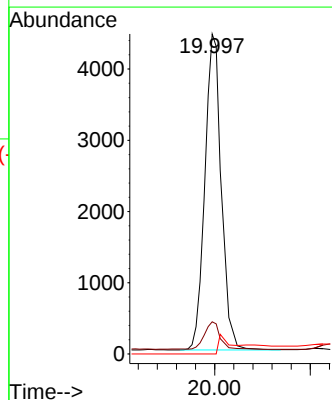
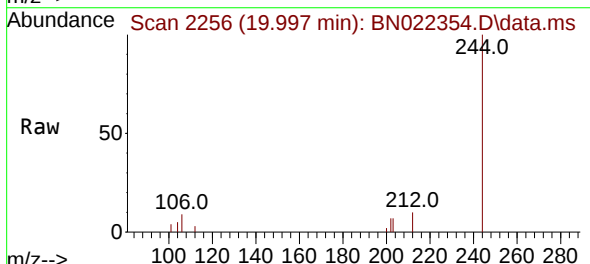
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

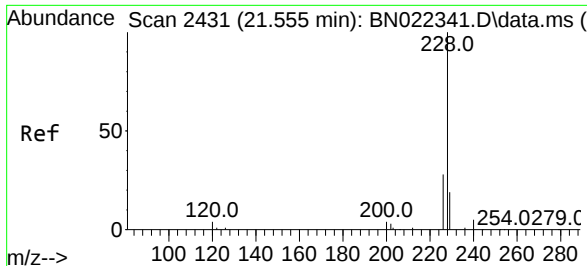
Tgt Ion:202 Resp: 196607
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 19.6 14.2 21.2



#31
Terphenyl-d14
Concen: 0.235 ng
RT: 19.997 min Scan# 2256
Delta R.T. -0.008 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:244 Resp: 6980
Ion Ratio Lower Upper
244 100
212 10.1 7.0 10.4
122 0.0 11.5 17.3#

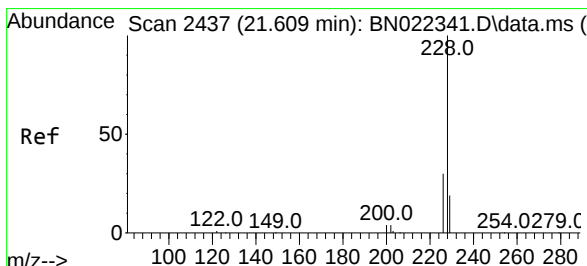
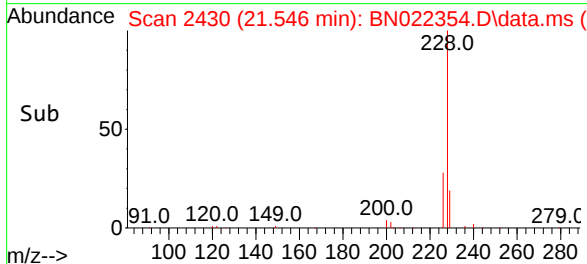
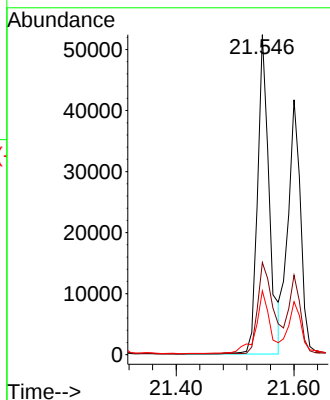
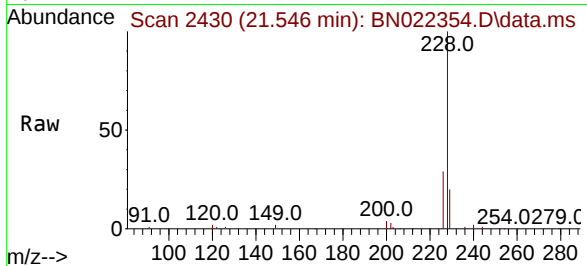




#32
Benzo(a)anthracene
Concen: 1.594 ng
RT: 21.546 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

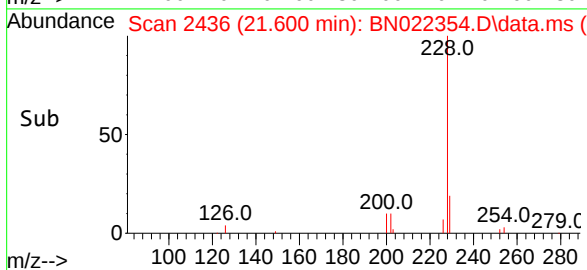
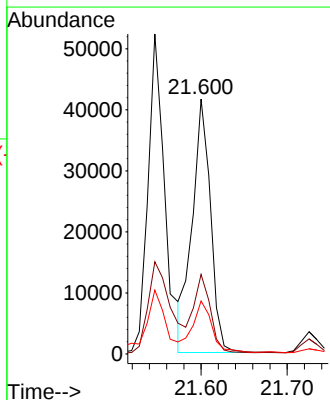
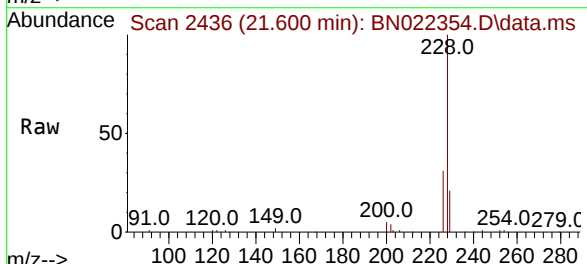
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

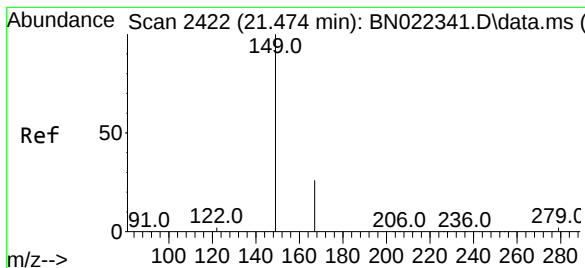
Tgt Ion:228 Resp: 71564
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 19.9 15.5 23.3



#33
Chrysene
Concen: 1.311 ng
RT: 21.600 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:228 Resp: 61506
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 20.8 15.6 23.4

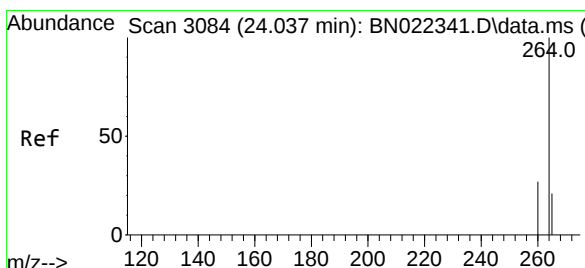
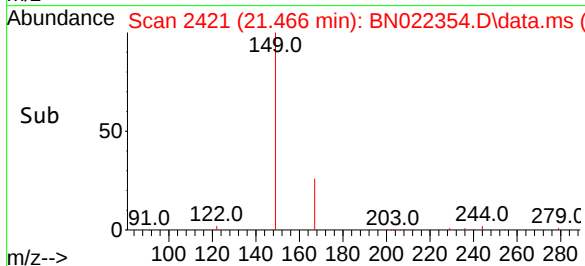
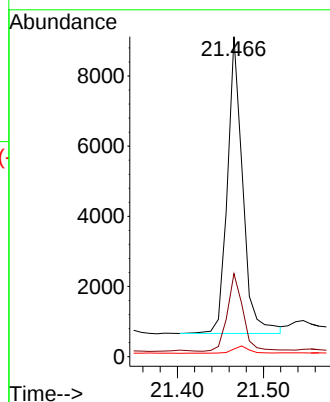
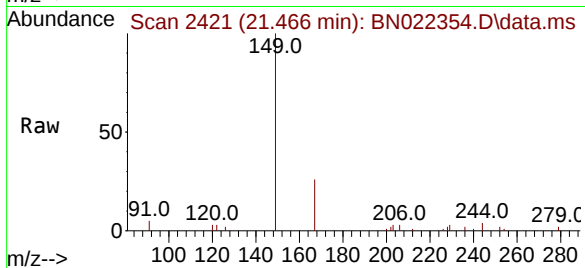




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.315 ng
 RT: 21.466 min Scan# 2422
 Delta R.T. -0.008 min
 Lab File: BN022354.D
 Acq: 27 Oct 2022 03:47

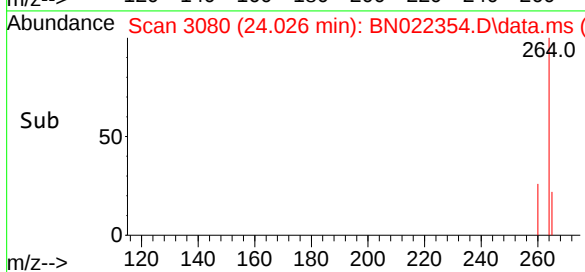
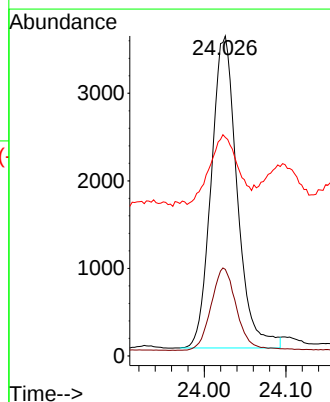
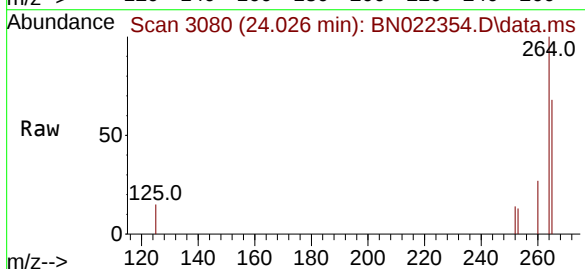
Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-03-03-05

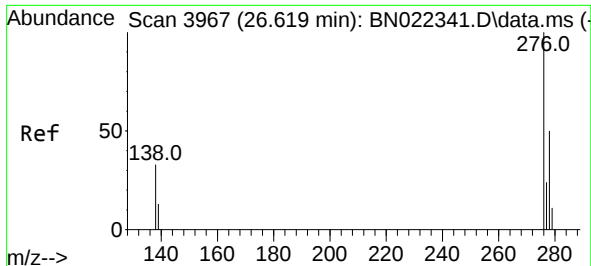
Tgt Ion:149 Resp: 10456
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 2.7 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.026 min Scan# 3080
 Delta R.T. -0.012 min
 Lab File: BN022354.D
 Acq: 27 Oct 2022 03:47

Tgt Ion:264 Resp: 7874
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.1 33.1
 265 68.3 53.0 79.4

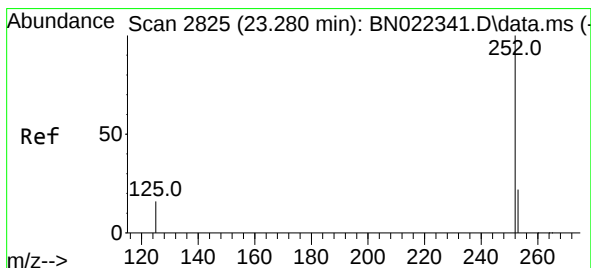
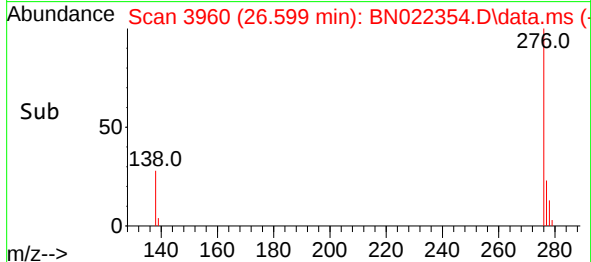
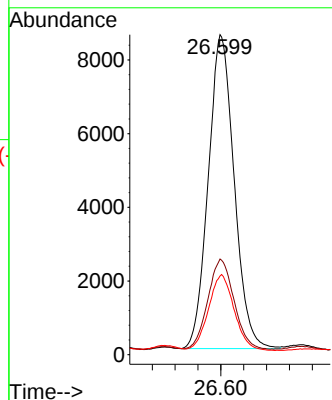
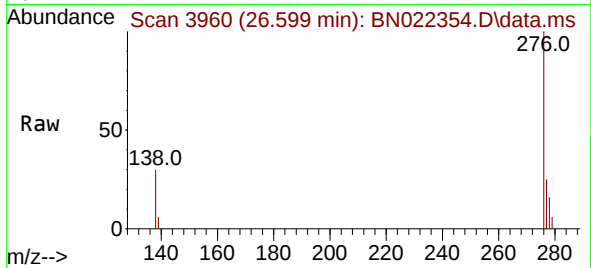




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.689 ng
RT: 26.599 min Scan# 3960
Delta R.T. -0.020 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

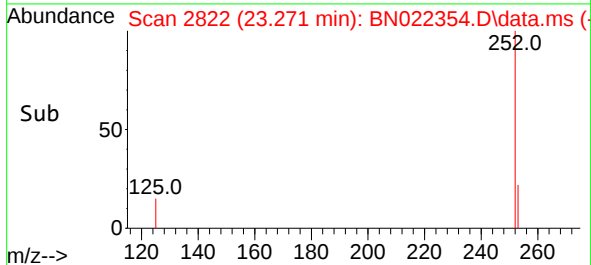
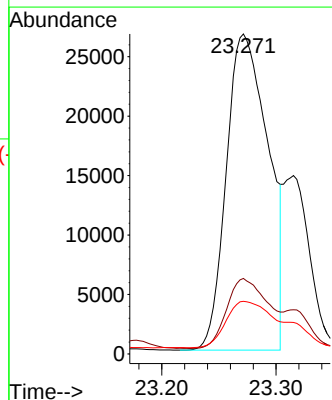
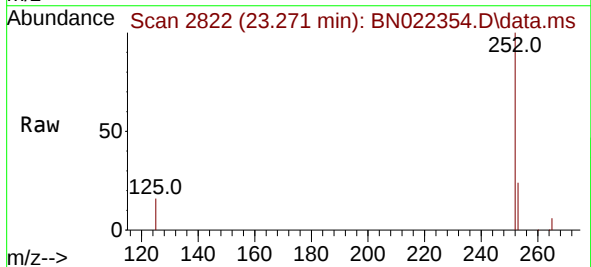
Instrument :
BNA_N
ClientSampleId :
LSP-SS-03-03-05

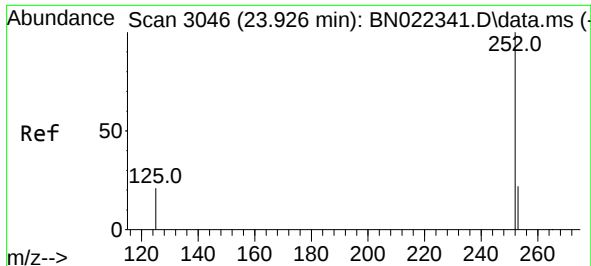
Tgt Ion:276 Resp: 26809
Ion Ratio Lower Upper
276 100
138 28.9 28.2 42.2
277 24.0 19.7 29.5



#37
Benzo(b)fluoranthene
Concen: 1.878 ng
RT: 23.271 min Scan# 2822
Delta R.T. -0.009 min
Lab File: BN022354.D
Acq: 27 Oct 2022 03:47

Tgt Ion:252 Resp: 67689
Ion Ratio Lower Upper
252 100
253 23.6 20.4 30.6
125 16.5 16.6 25.0#





#39

Benzo(a)pyrene

Concen: 0.366 ng

RT: 24.075 min Scan# 3046

Delta R.T. 0.149 min

Lab File: BN022354.D

Acq: 27 Oct 2022 03:47

Instrument :

BNA_N

ClientSampleId :

LSP-SS-03-03-05

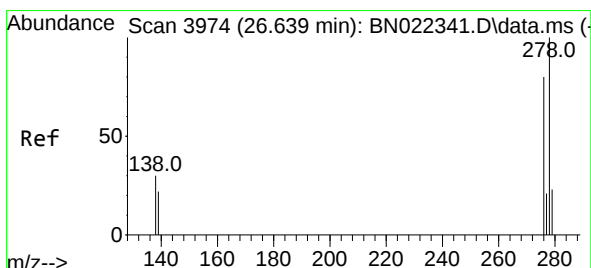
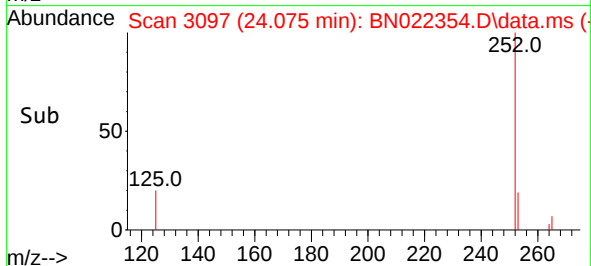
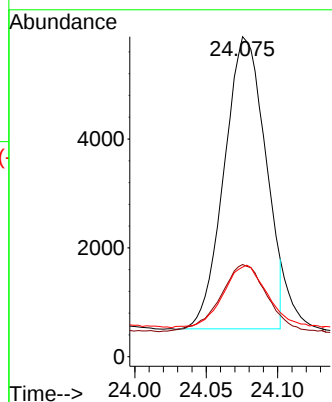
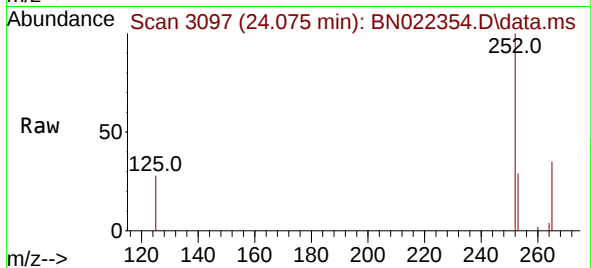
Tgt Ion:252 Resp: 10722

Ion Ratio Lower Upper

252 100

253 28.8 21.9 32.9

125 28.0 22.9 34.3



#40

Dibenzo(a,h)anthracene

Concen: 0.184 ng

RT: 26.610 min Scan# 3964

Delta R.T. -0.029 min

Lab File: BN022354.D

Acq: 27 Oct 2022 03:47

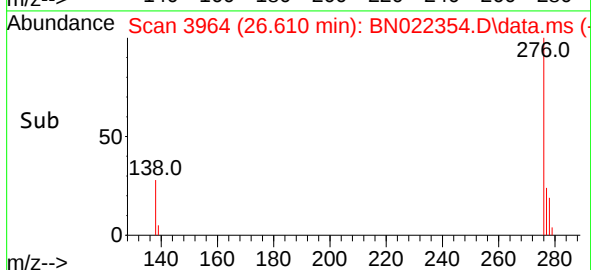
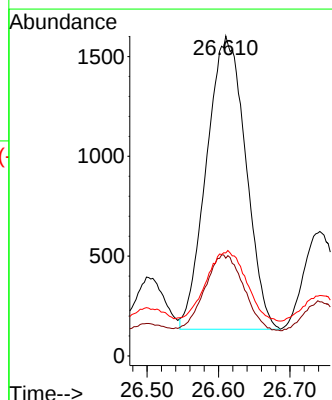
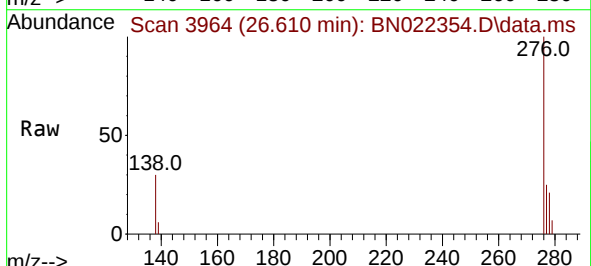
Tgt Ion:278 Resp: 5585

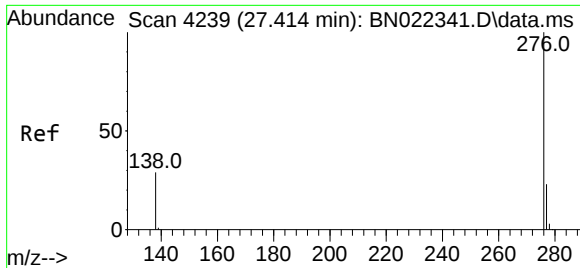
Ion Ratio Lower Upper

278 100

139 30.6 20.2 30.2#

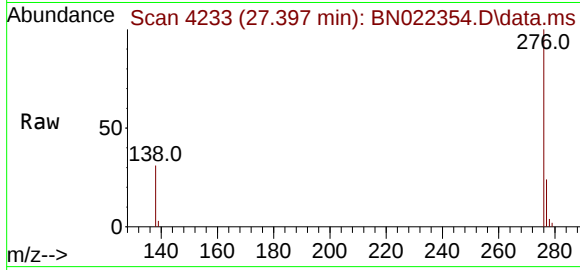
279 32.2 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.920 ng
 RT: 27.397 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: BN022354.D
 Acq: 27 Oct 2022 03:47

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-03-03-05



Tgt Ion:276 Resp: 29474
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.5 29.3
 138 30.7 25.0 37.4

