

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022465.D
 Acq On : 02 Nov 2022 15:18
 Operator : CG/JU
 Sample : N5235-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-02-01-03

Quant Time: Nov 03 06:23:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

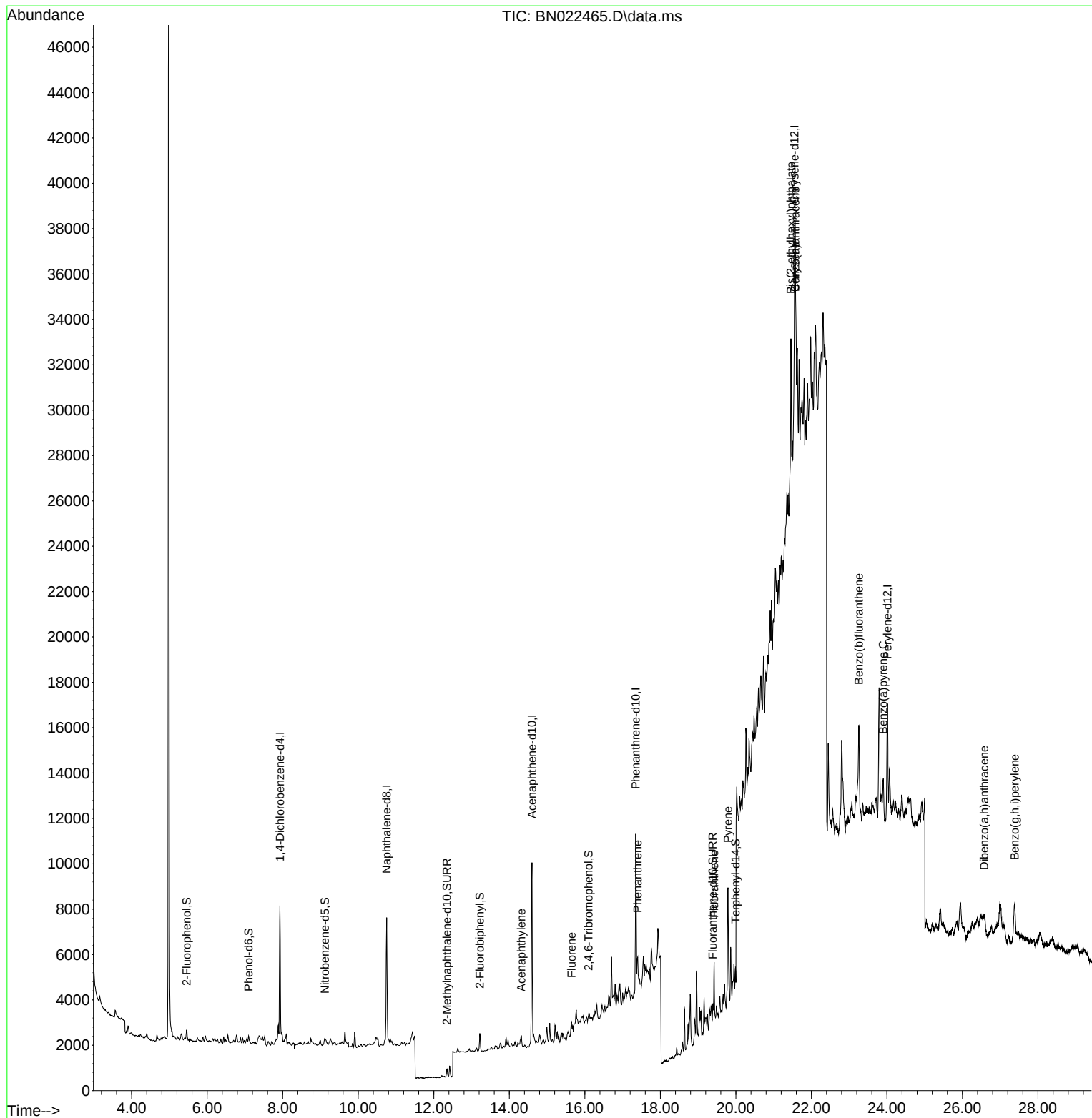
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	3210	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	7744	0.400	ng	# 0.00
13) Acenaphthene-d10	14.600	164	4897	0.400	ng	0.01
19) Phenanthrene-d10	17.350	188	9251	0.400	ng	0.00
29) Chrysene-d12	21.555	240	7995	0.400	ng	# 0.00
35) Perylene-d12	24.014	264	7618	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	386	0.045	ng	0.00
5) Phenol-d6	7.097	99	441	0.041	ng	0.00
8) Nitrobenzene-d5	9.118	82	290	0.043	ng	0.01
11) 2-Methylnaphthalene-d10	12.349	152	499	0.041	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	92	0.044	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	742	0.035	ng	0.00
27) Fluoranthene-d10	19.390	212	910	0.036	ng	0.00
31) Terphenyl-d14	19.989	244	1075	0.052	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	14.322	152	999	0.042	ng	# 93
18) Fluorene	15.647	166	565	0.025	ng	# 98
25) Phenanthrene	17.400	178	1891	0.060	ng	# 67
28) Fluoranthene	19.424	202	2504	0.073	ng	# 94
30) Pyrene	19.791	202	5088	0.138	ng	# 77
32) Benzo(a)anthracene	21.573	228	11978	0.381	ng	# 43
33) Chrysene	21.573	228	9308	0.283	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.457	149	4885	0.188	ng	# 97
37) Benzo(b)fluoranthene	23.260	252	4635	0.133	ng	# 1
39) Benzo(a)pyrene	23.903	252	1485	0.052	ng	# 1
40) Dibenzo(a,h)anthracene	26.572	278	980	0.033	ng	# 1
41) Benzo(g,h,i)perylene	27.382	276	3867	0.125	ng	# 7

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

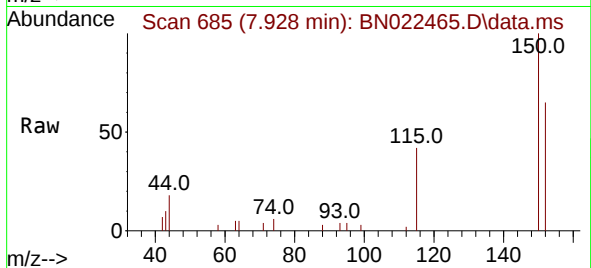
Quant Time: Nov 03 06:23:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
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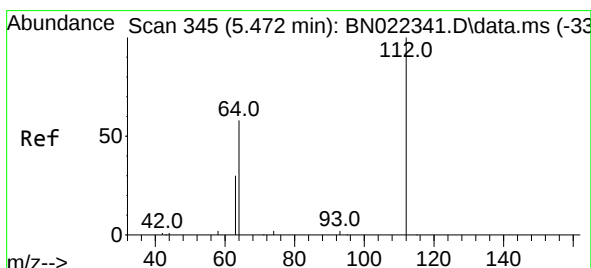
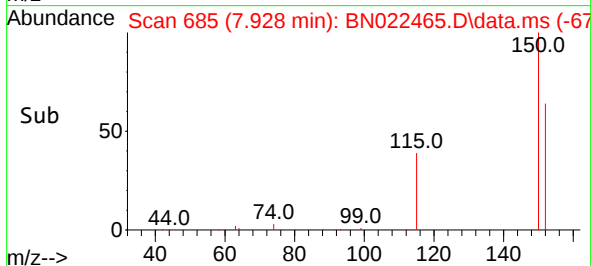
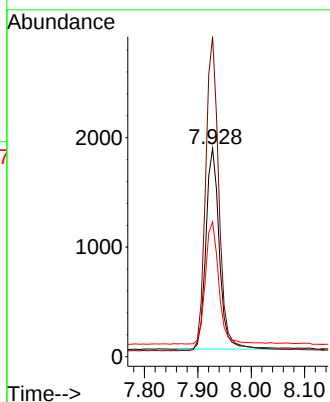


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

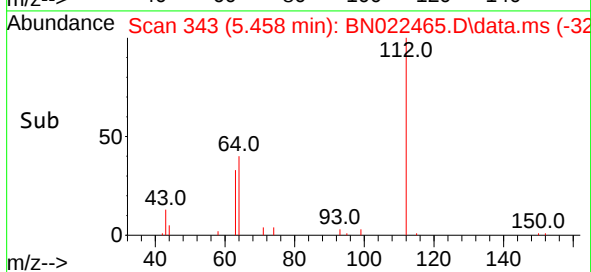
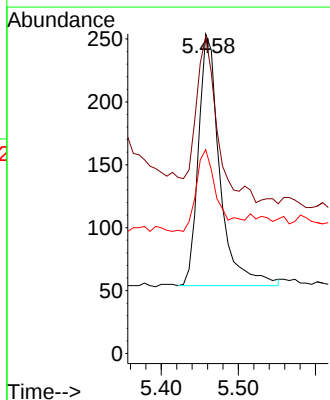
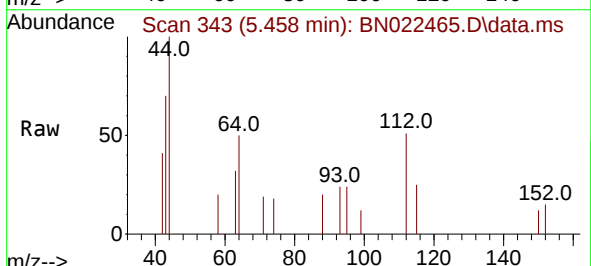


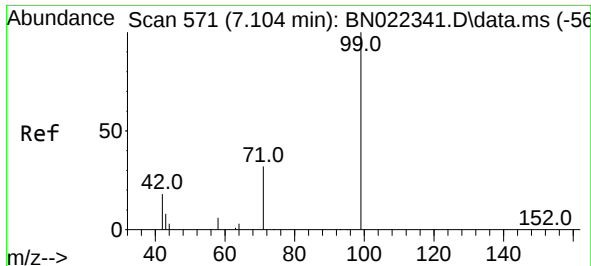
Tgt Ion:152 Resp: 3210
Ion Ratio Lower Upper
152 100
150 153.8 125.2 187.8
115 64.8 52.0 78.0



#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.458 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:112 Resp: 386
Ion Ratio Lower Upper
112 100
64 62.7 47.0 70.4
63 31.3 24.5 36.7

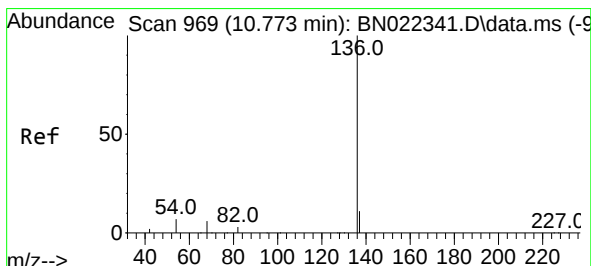
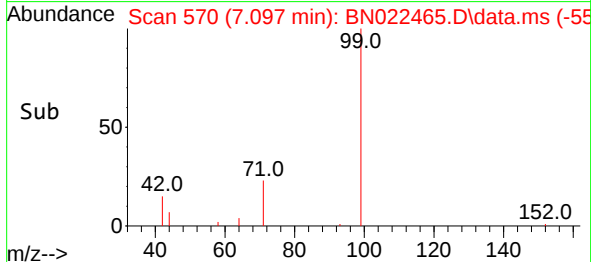
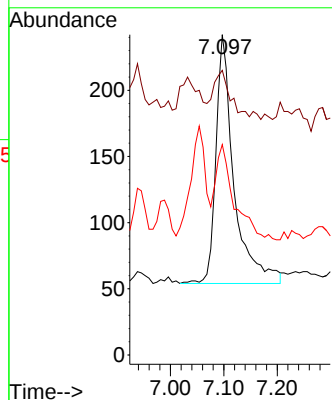
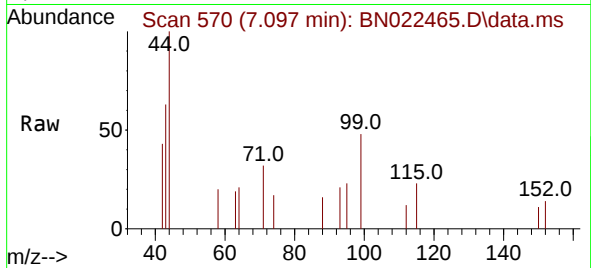




#5
Phenol-d6
Concen: 0.041 ng
RT: 7.097 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

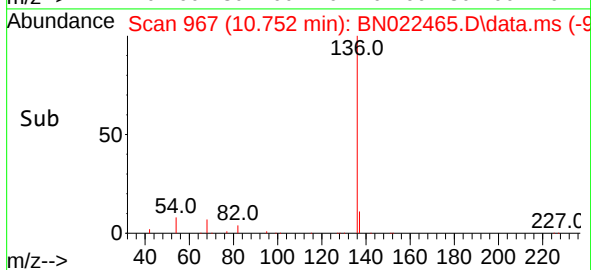
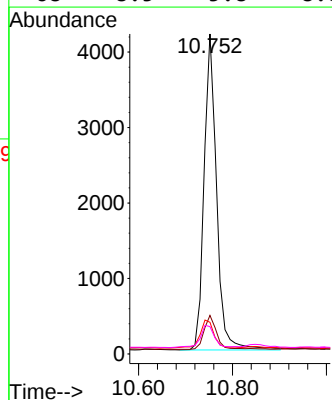
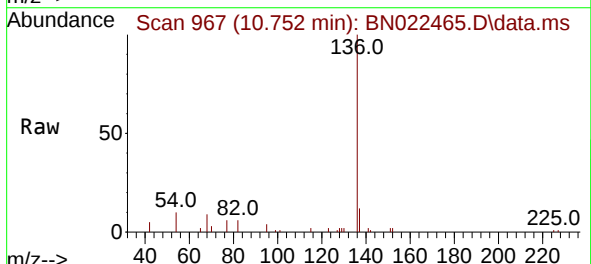
Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

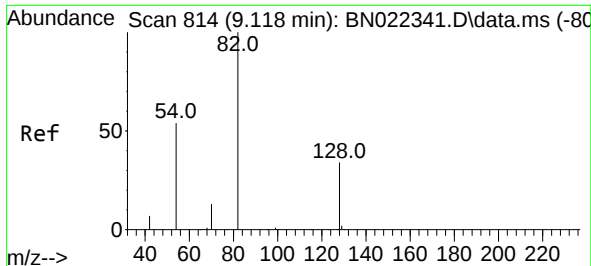
Tgt Ion: 99 Resp: 441
Ion Ratio Lower Upper
99 100
42 16.3 16.3 24.5
71 39.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion: 136 Resp: 7744
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 9.9 6.5 9.7#
68 8.5 5.8 8.8

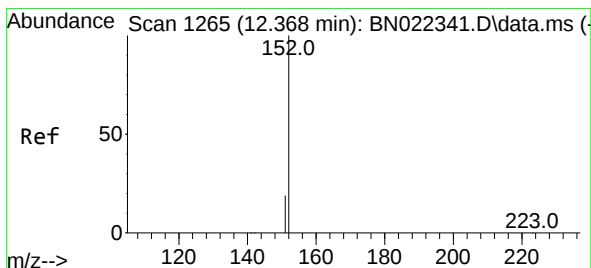
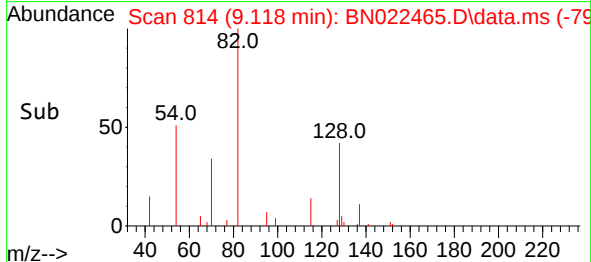
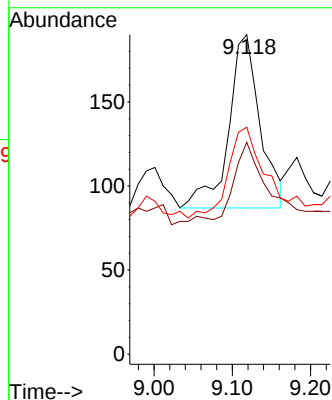
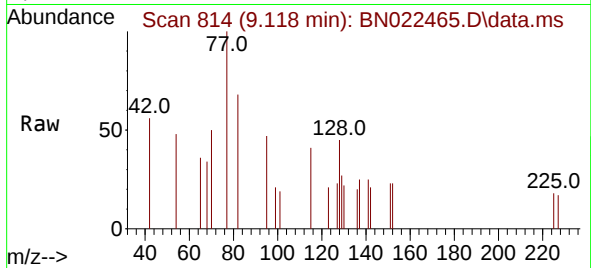




#8
Nitrobenzene-d5
Concen: 0.043 ng
RT: 9.118 min Scan# 814
Delta R.T. 0.011 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

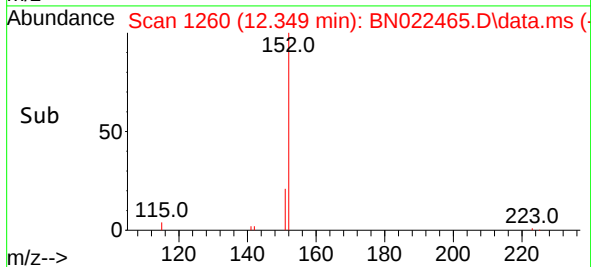
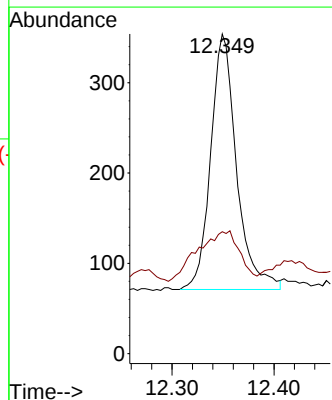
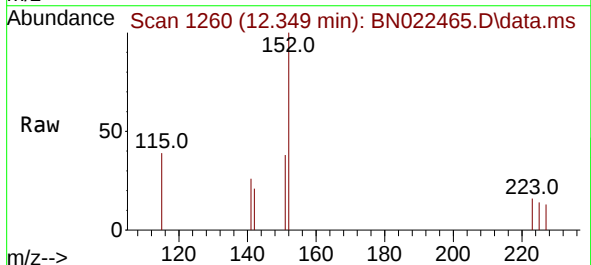
Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

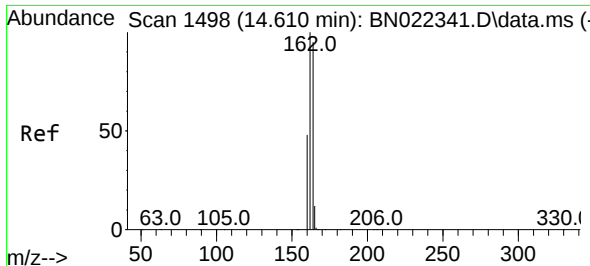
Tgt Ion: 82 Resp: 290
Ion Ratio Lower Upper
82 100
128 66.3 30.5 45.7#
54 71.1 45.2 67.8#



#11
2-Methylnaphthalene-d10
Concen: 0.041 ng
RT: 12.349 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion: 152 Resp: 499
Ion Ratio Lower Upper
152 100
151 32.1 16.7 25.1#

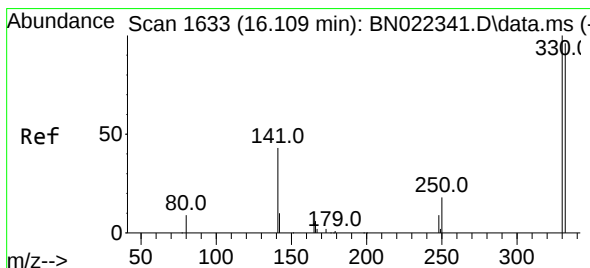
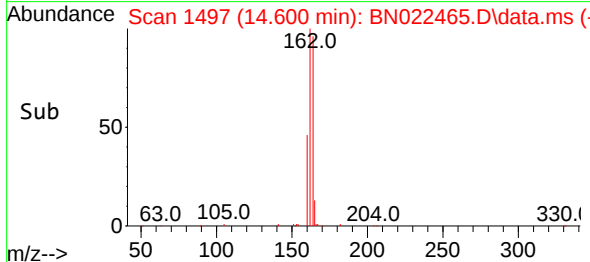
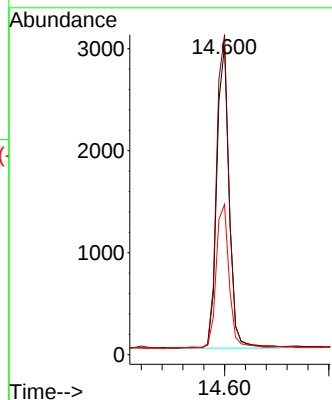
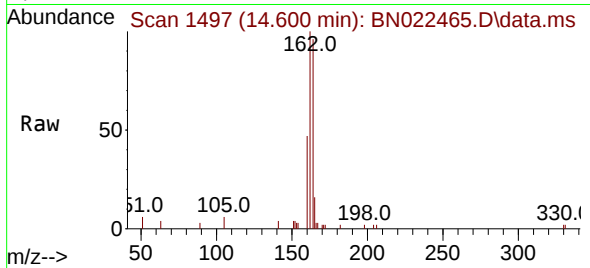




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 1498
Delta R.T. 0.011 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

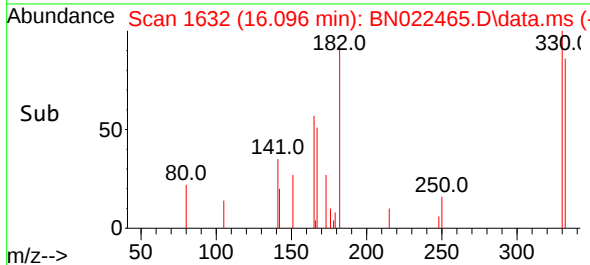
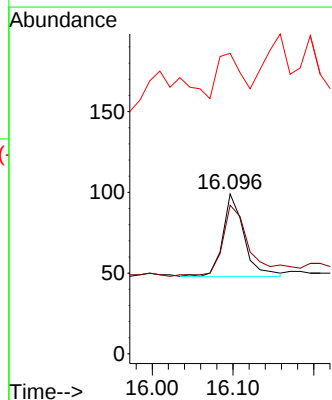
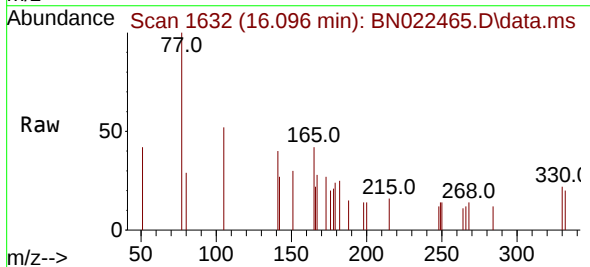
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ClientSampleId :
LSP-SS-02-01-03

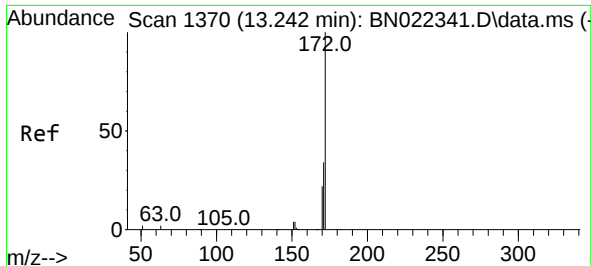
Tgt Ion:164 Resp: 4897
Ion Ratio Lower Upper
164 100
162 103.7 83.9 125.9
160 48.7 41.0 61.4



#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 16.096 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:330 Resp: 92
Ion Ratio Lower Upper
330 100
332 109.8 78.6 118.0
141 62.0 40.2 60.4#

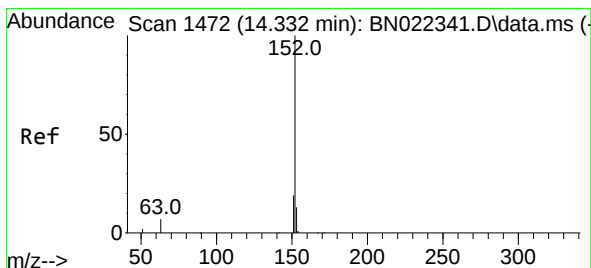
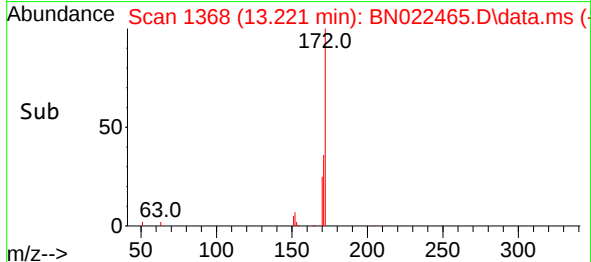
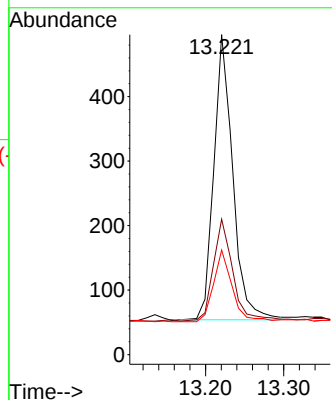
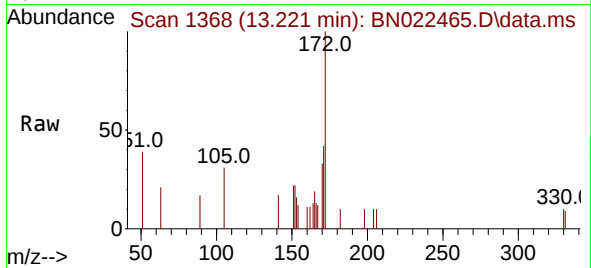




#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 13.221 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

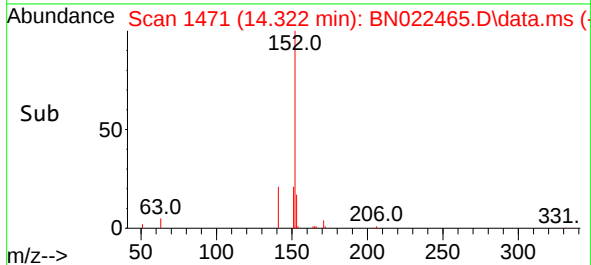
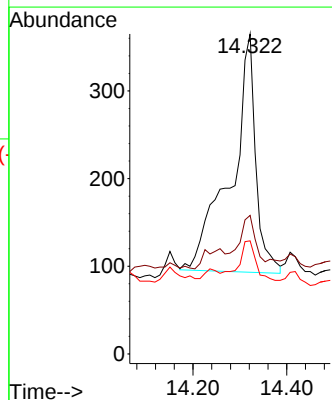
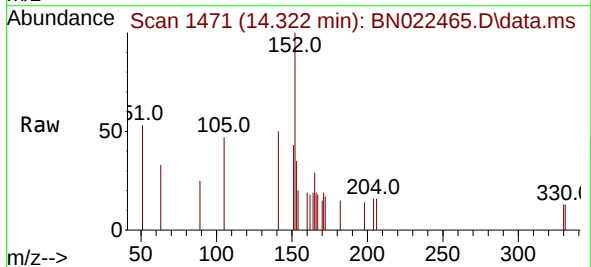
Instrument :
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ClientSampleId :
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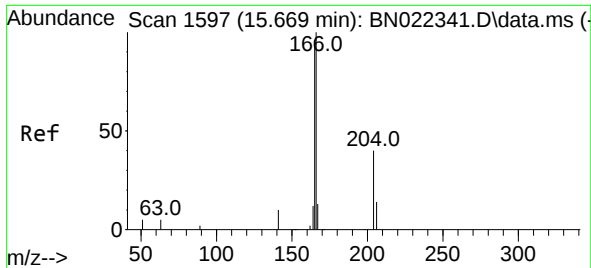
Tgt Ion:172 Resp: 742
Ion Ratio Lower Upper
172 100
171 42.3 27.4 41.0#
170 32.7 18.5 27.7#



#16
Acenaphthylene
Concen: 0.042 ng
RT: 14.322 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:152 Resp: 999
Ion Ratio Lower Upper
152 100
151 14.9 15.2 22.8#
153 11.7 10.3 15.5

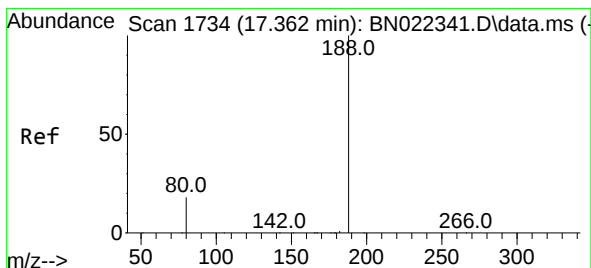
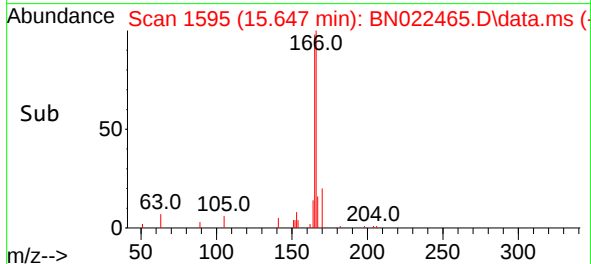
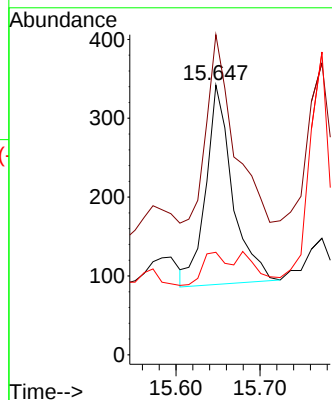
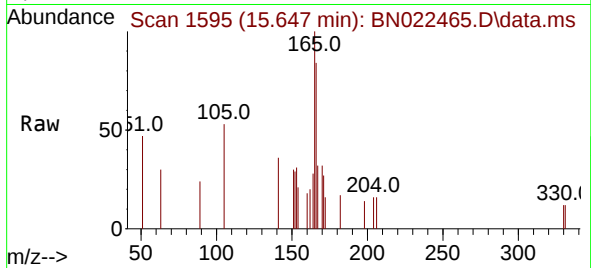




#18
Fluorene
Concen: 0.025 ng
RT: 15.647 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

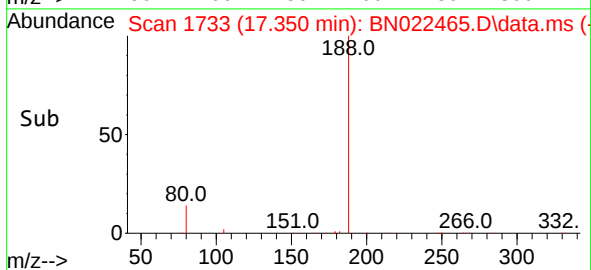
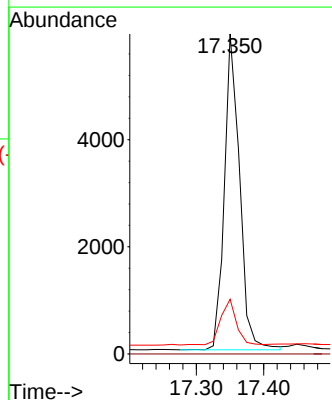
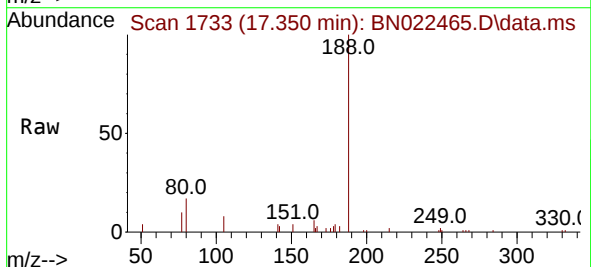
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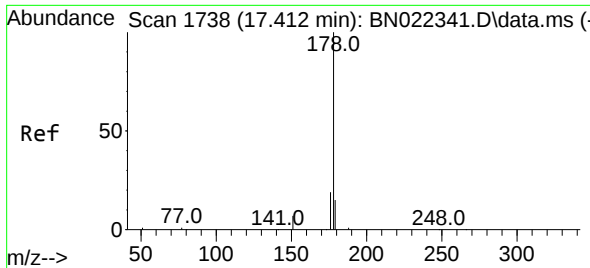
Tgt Ion:166 Resp: 565
Ion Ratio Lower Upper
166 100
165 97.5 78.6 118.0
167 16.6 10.2 15.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:188 Resp: 9251
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.1 15.0 22.6

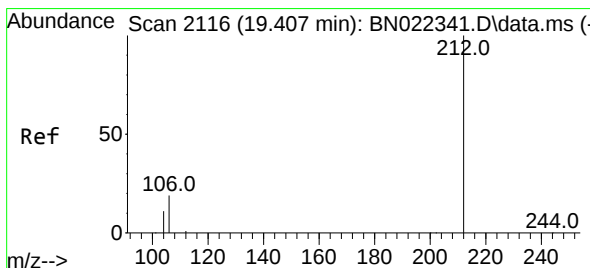
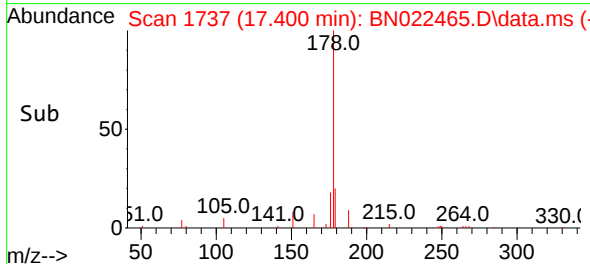
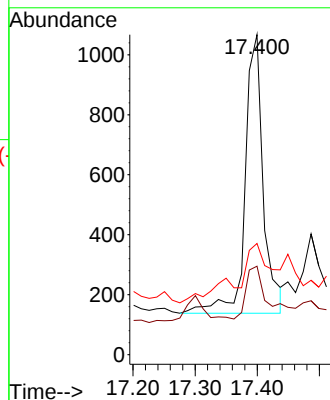
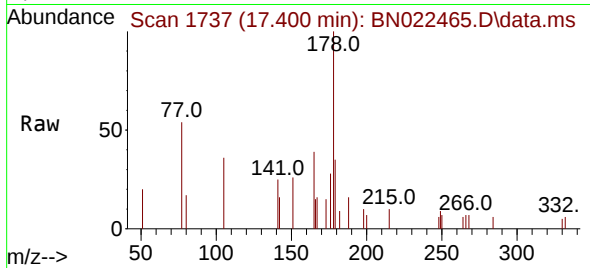




#25
Phenanthrene
Concen: 0.060 ng
RT: 17.400 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

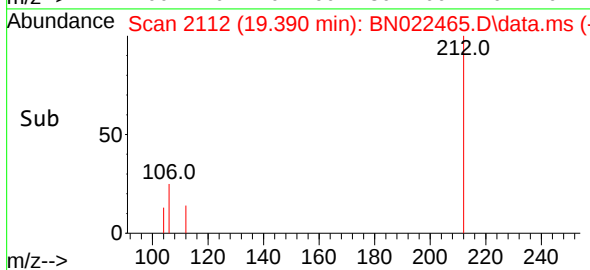
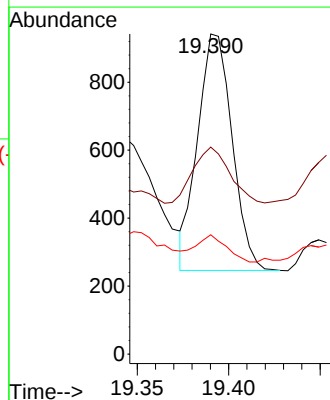
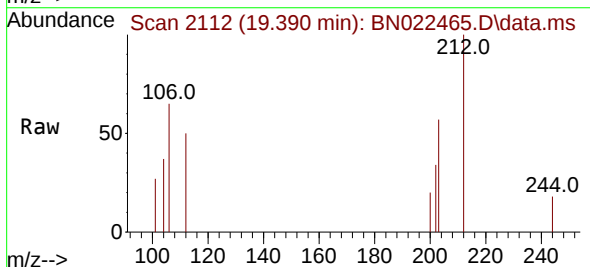
Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

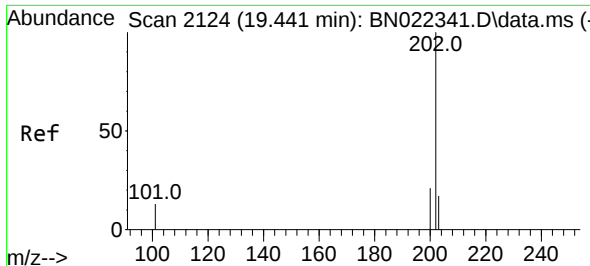
Tgt Ion:178 Resp: 1891
Ion Ratio Lower Upper
178 100
176 23.3 15.3 22.9#
179 42.0 12.5 18.7#



#27
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.390 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:212 Resp: 910
Ion Ratio Lower Upper
212 100
106 24.9 15.0 22.4#
104 10.4 9.3 13.9

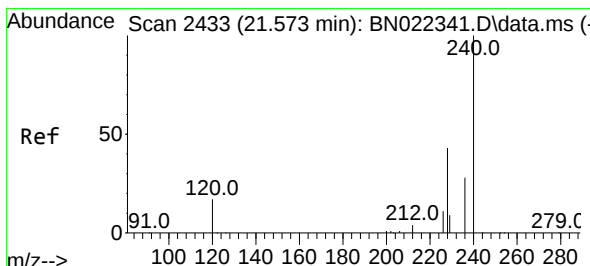
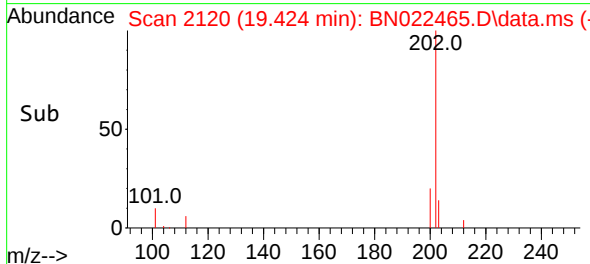
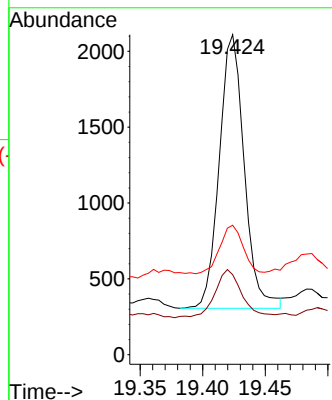
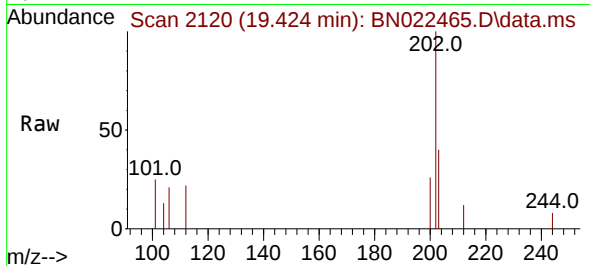




#28
Fluoranthene
Concen: 0.073 ng
RT: 19.424 min Scan# 2120
Delta R.T. 0.004 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

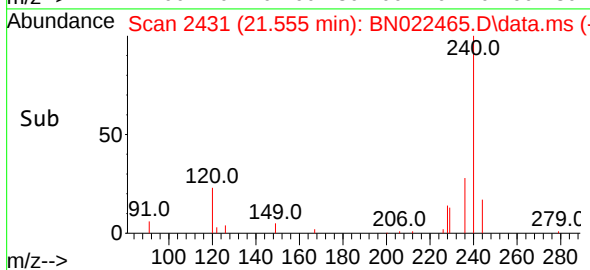
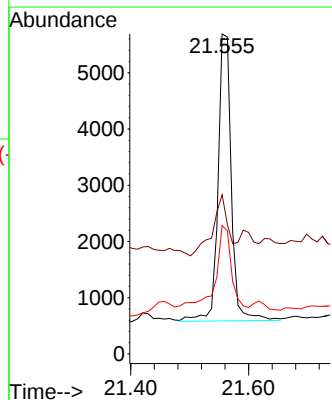
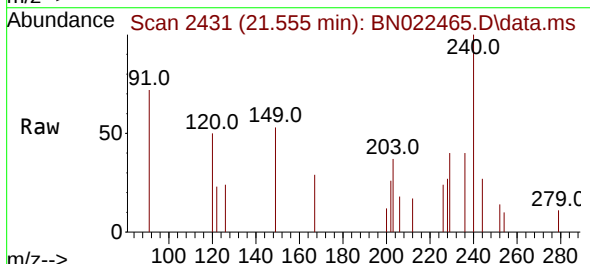
Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

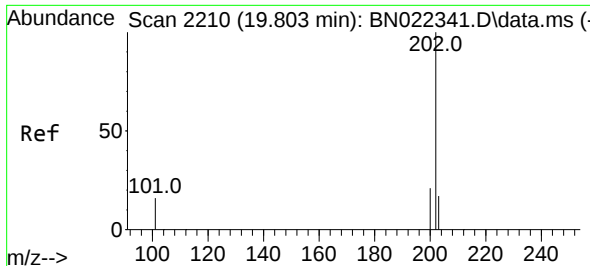
Tgt Ion:202 Resp: 2504
Ion Ratio Lower Upper
202 100
101 19.1 11.4 17.0#
203 16.5 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:240 Resp: 7995
Ion Ratio Lower Upper
240 100
120 49.7 15.8 23.6#
236 40.1 23.2 34.8#

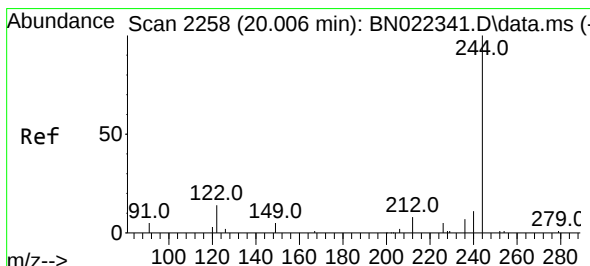
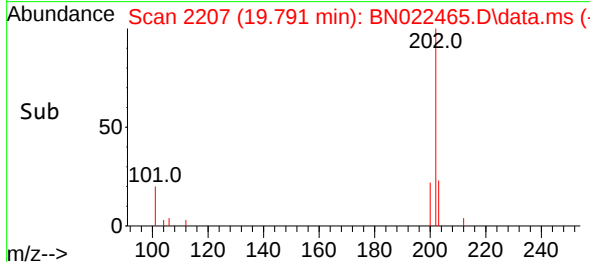
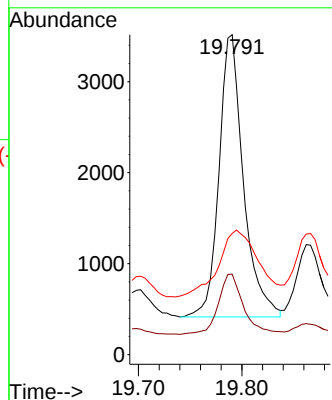
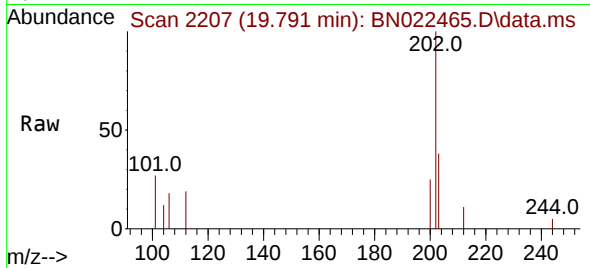




#30
Pyrene
Concen: 0.138 ng
RT: 19.791 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

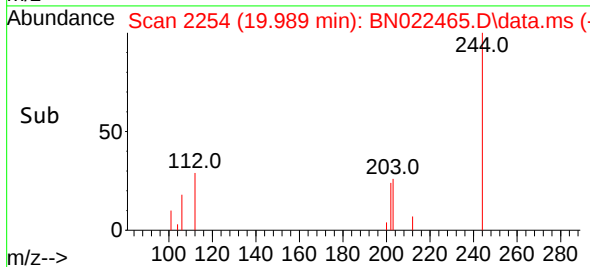
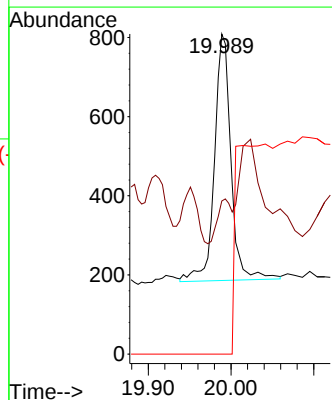
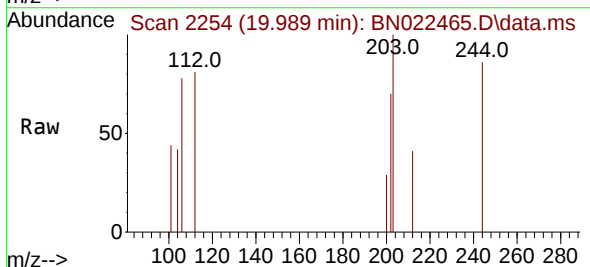
Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

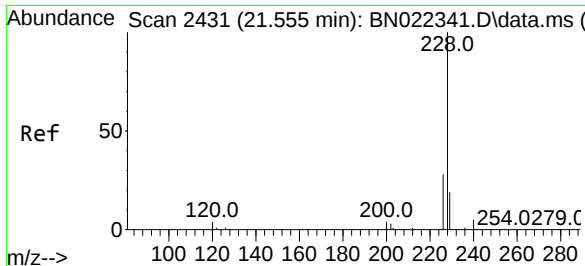
Tgt Ion:202 Resp: 5088
Ion Ratio Lower Upper
202 100
200 22.1 16.8 25.2
203 38.3 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.052 ng
RT: 19.989 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:244 Resp: 1075
Ion Ratio Lower Upper
244 100
212 47.8 7.0 10.4#
122 0.0 11.5 17.3#

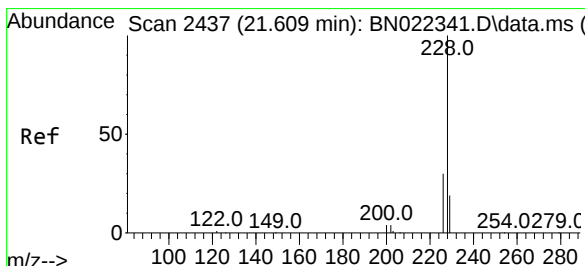
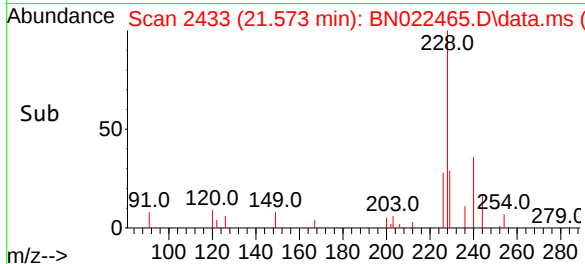
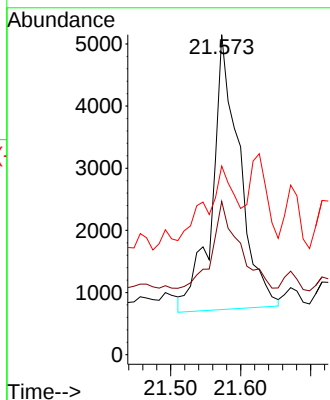
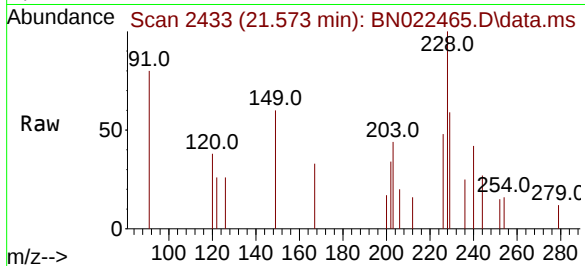




#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.573 min Scan# 2431
Delta R.T. 0.036 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

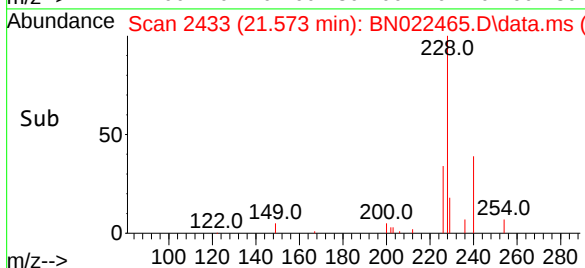
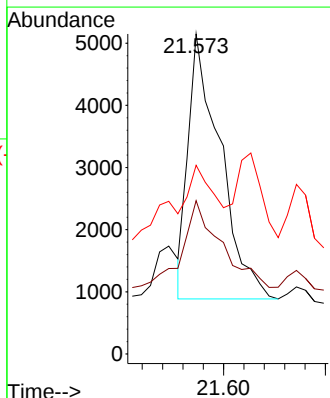
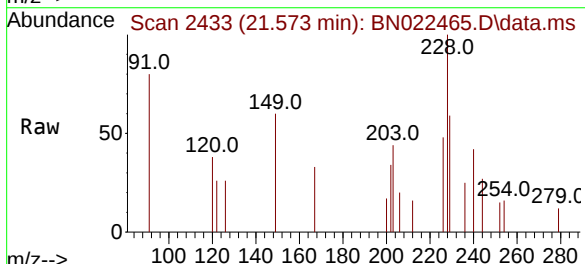
Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

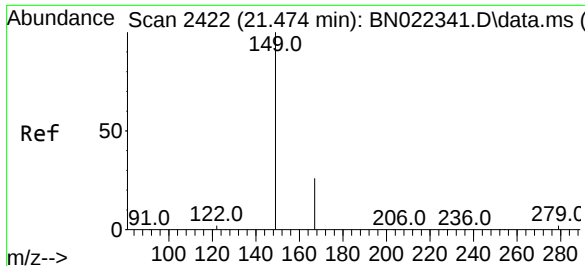
Tgt Ion:228 Resp: 11978
Ion Ratio Lower Upper
228 100
226 47.9 22.6 34.0#
229 59.0 15.5 23.3#



#33
Chrysene
Concen: 0.283 ng
RT: 21.573 min Scan# 2433
Delta R.T. -0.018 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:228 Resp: 9308
Ion Ratio Lower Upper
228 100
226 47.9 24.5 36.7#
229 59.0 15.6 23.4#

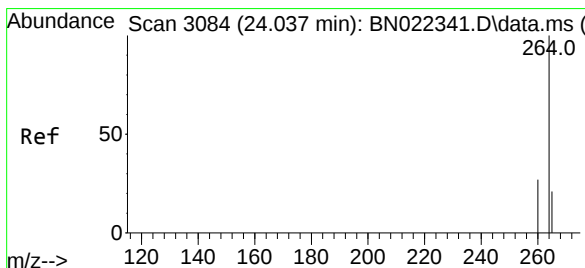
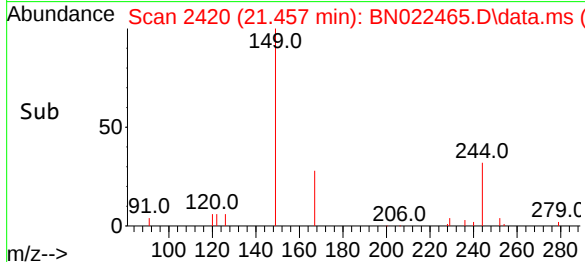
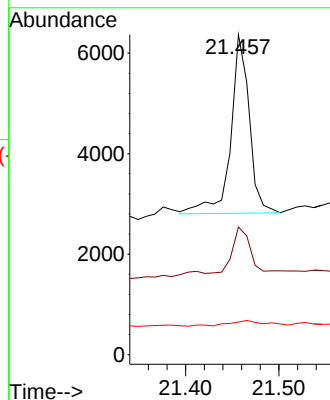
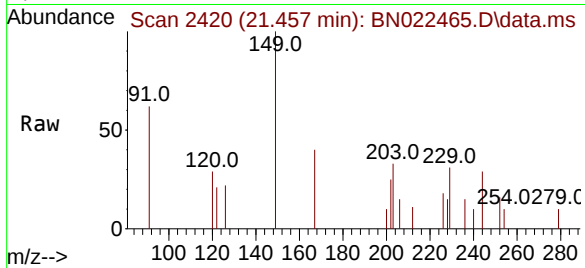




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.188 ng
 RT: 21.457 min Scan# 2422
 Delta R.T. 0.009 min
 Lab File: BN022465.D
 Acq: 02 Nov 2022 15:18

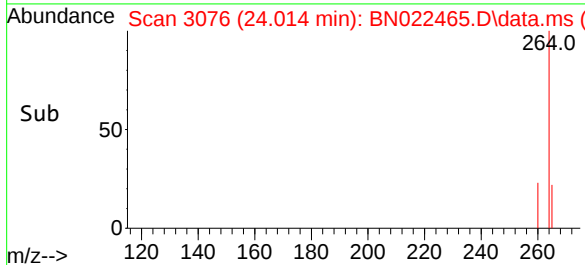
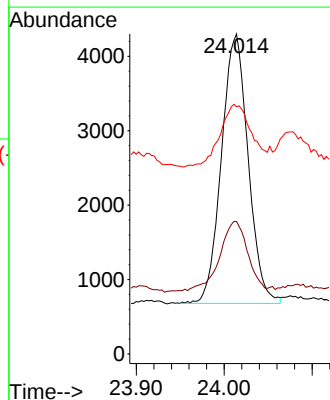
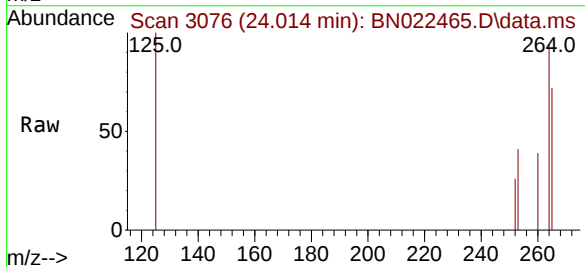
Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-02-01-03

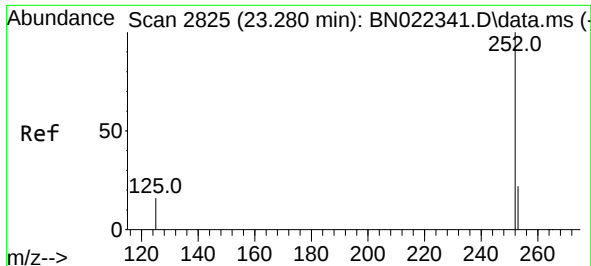
Tgt Ion:149 Resp: 4885
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 6.8 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.014 min Scan# 3076
 Delta R.T. 0.012 min
 Lab File: BN022465.D
 Acq: 02 Nov 2022 15:18

Tgt Ion:264 Resp: 7618
 Ion Ratio Lower Upper
 264 100
 260 41.4 22.1 33.1#
 265 77.3 53.0 79.4





#37

Benzo(b)fluoranthene

Concen: 0.133 ng

RT: 23.260 min Scan# 21

Delta R.T. 0.012 min

Lab File: BN022465.D

Acq: 02 Nov 2022 15:18

Instrument :

BNA_N

ClientSampleId :

LSP-SS-02-01-03

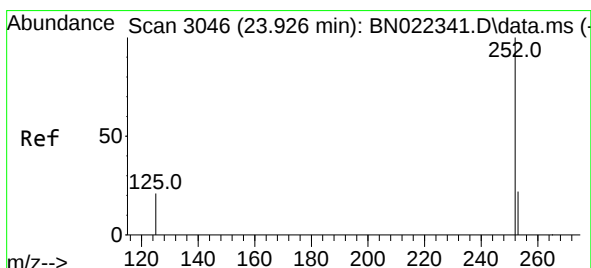
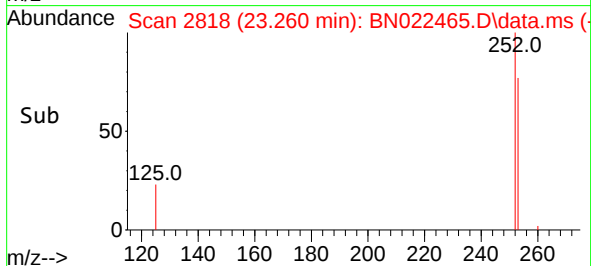
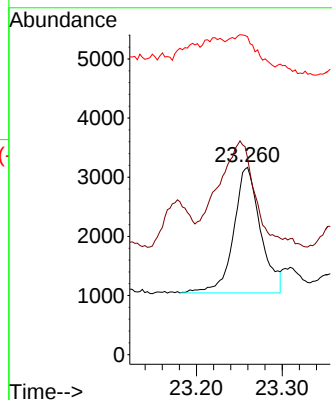
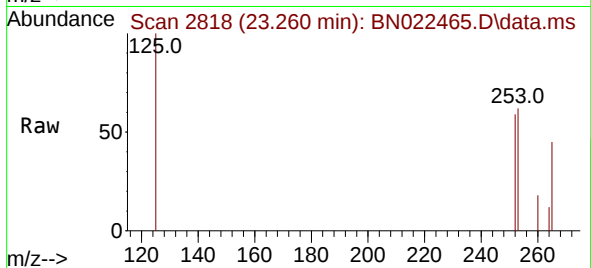
Tgt Ion:252 Resp: 4635

Ion Ratio Lower Upper

252 100

253 104.9 20.4 30.6#

125 169.6 16.6 25.0#



#39

Benzo(a)pyrene

Concen: 0.052 ng

RT: 23.903 min Scan# 3038

Delta R.T. 0.012 min

Lab File: BN022465.D

Acq: 02 Nov 2022 15:18

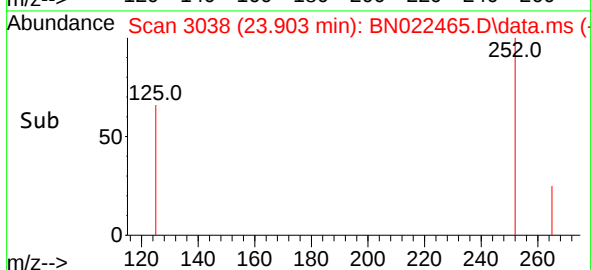
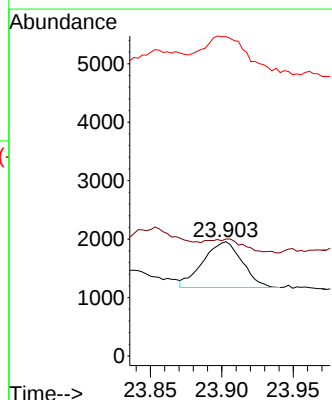
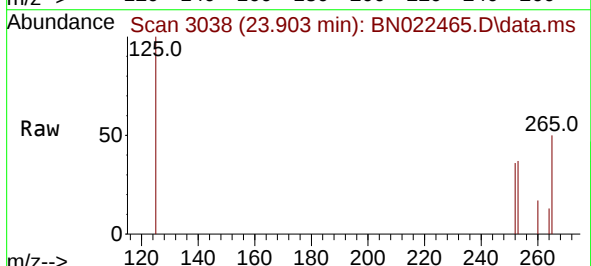
Tgt Ion:252 Resp: 1485

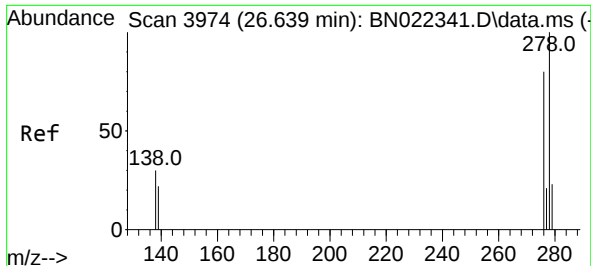
Ion Ratio Lower Upper

252 100

253 102.5 21.9 32.9#

125 279.5 22.9 34.3#

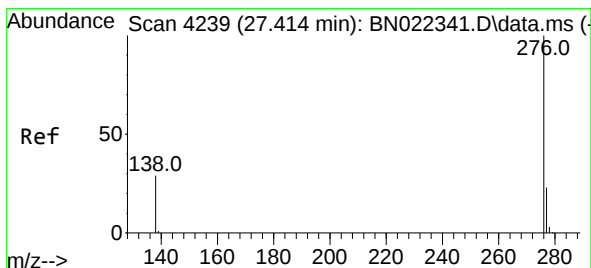
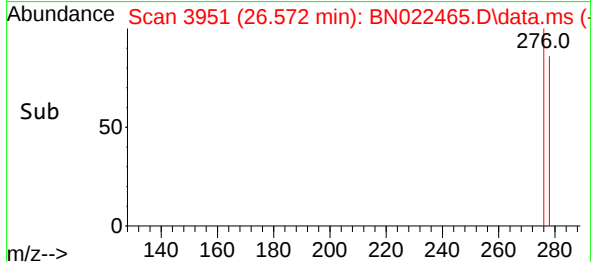
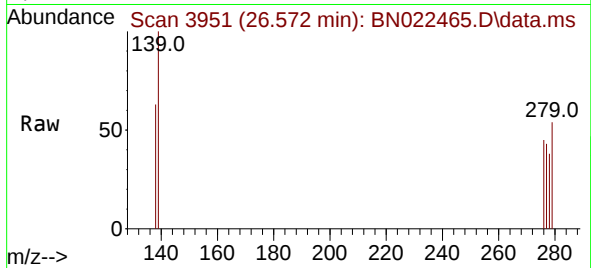




#40
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.572 min Scan# 3951
Delta R.T. -0.015 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Instrument :
BNA_N
ClientSampleId :
LSP-SS-02-01-03

Tgt Ion:278 Resp: 980
Ion Ratio Lower Upper
278 100
139 266.1 20.2 30.2#
279 143.6 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.125 ng
RT: 27.382 min Scan# 4228
Delta R.T. 0.023 min
Lab File: BN022465.D
Acq: 02 Nov 2022 15:18

Tgt Ion:276 Resp: 3867
Ion Ratio Lower Upper
276 100
277 63.5 19.5 29.3#
138 88.3 25.0 37.4#

