

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028942.D
 Acq On : 01 Dec 2023 11:54
 Operator : MA/JU
 Sample : 05350-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 01 14:25:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

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

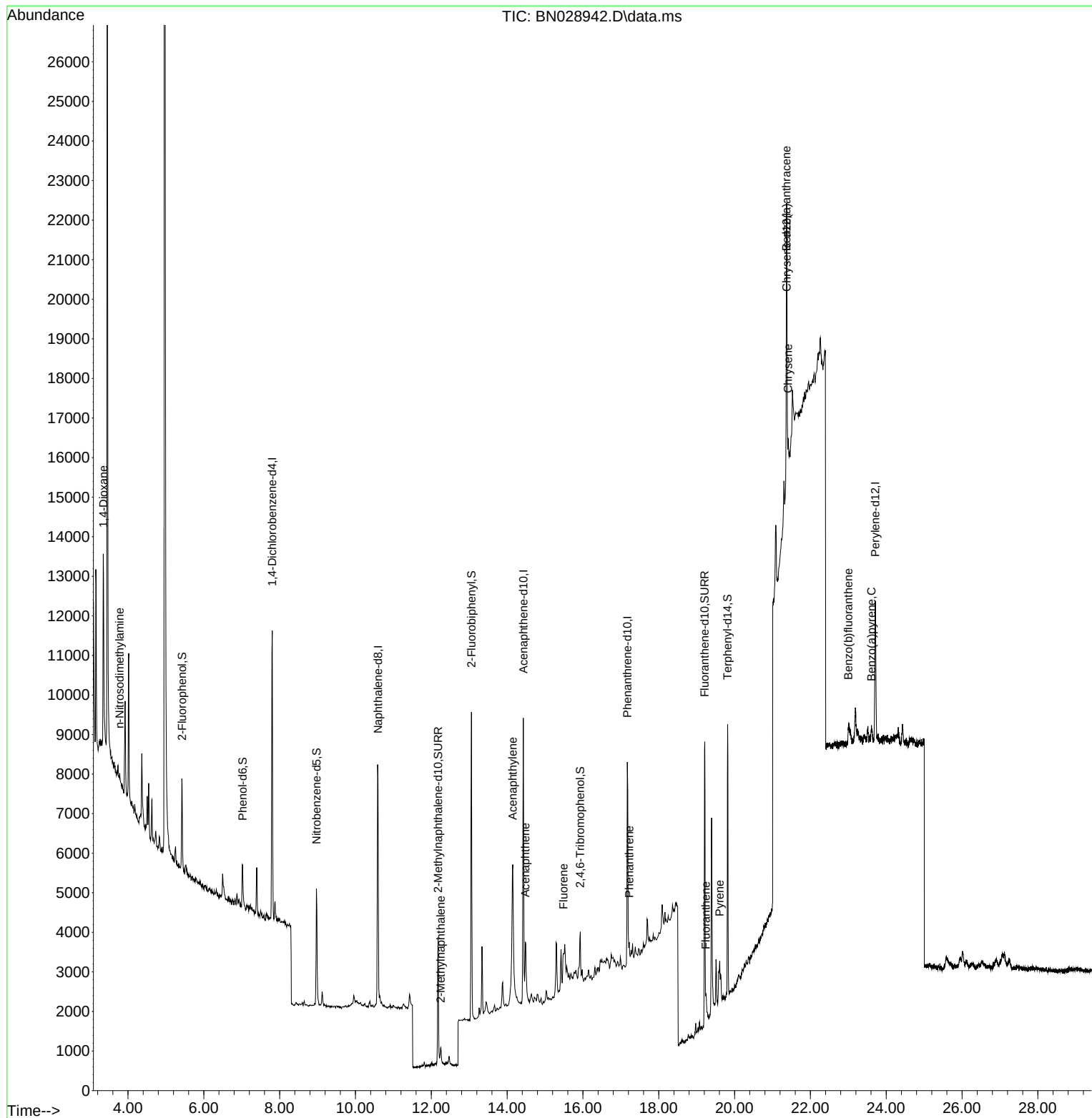
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3461	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	8646	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	3986	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7627	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4801	0.400	ng	# 0.00
35) Perylene-d12	23.713	264	4800	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1659	0.158	ng	-0.02
5) Phenol-d6	7.024	99	993	0.085	ng	-0.02
8) Nitrobenzene-d5	8.971	82	2564	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	4305	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	708	0.263	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6470	0.376	ng	-0.01
27) Fluoranthene-d10	19.213	212	8232	0.410	ng	0.00
31) Terphenyl-d14	19.817	244	6530	0.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	3226	0.952	ng	# 87
3) n-Nitrosodimethylamine	3.781	42	92	0.109	ng	# 14
12) 2-Methylnaphthalene	12.249	142	413	0.024	ng	# 77
16) Acenaphthylene	14.150	152	10222	0.484	ng	96
17) Acenaphthene	14.482	154	1363	0.097	ng	# 91
18) Fluorene	15.486	166	1379	0.078	ng	# 12
25) Phenanthrene	17.221	178	584	0.023	ng	# 67
28) Fluoranthene	19.241	202	776	0.030	ng	# 53
30) Pyrene	19.608	202	1626	0.138	ng	# 76
32) Benzo(a)anthracene	21.365	228	1043	0.051	ng	# 1
33) Chrysene	21.409	228	939	0.047	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.302	149	1295	Below Cal		# 84
37) Benzo(b)fluoranthene	23.003	252	479	0.024	ng	# 45
39) Benzo(a)pyrene	23.611	252	640	0.036	ng	# 61

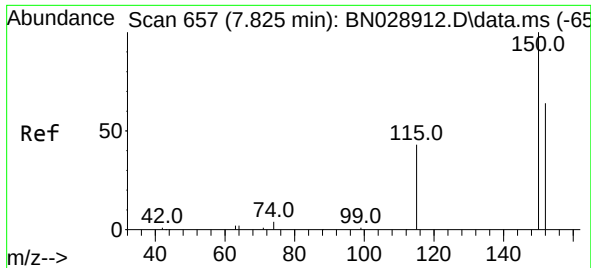
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028942.D
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Misc :
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Instrument :
BNA_N
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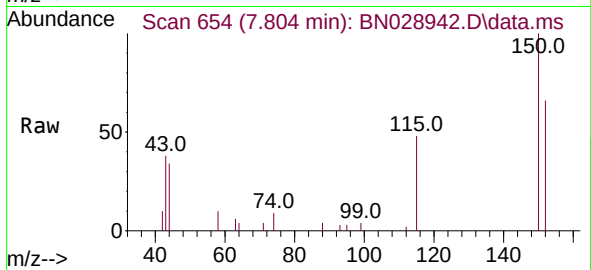
Quant Time: Dec 01 14:25:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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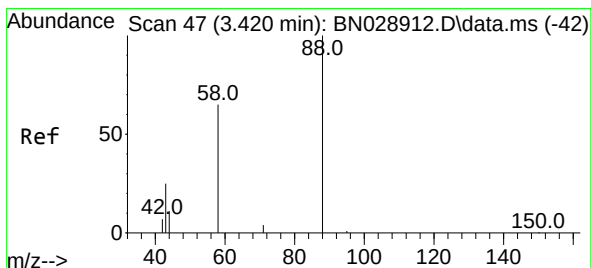
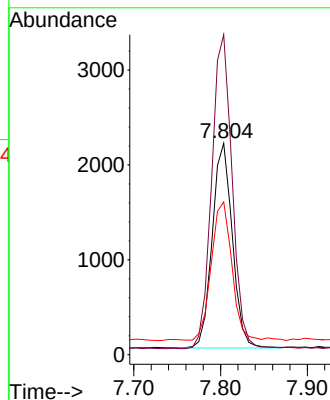
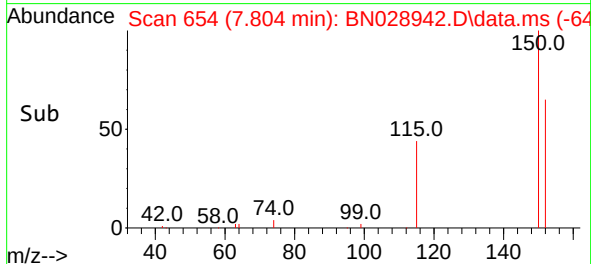


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

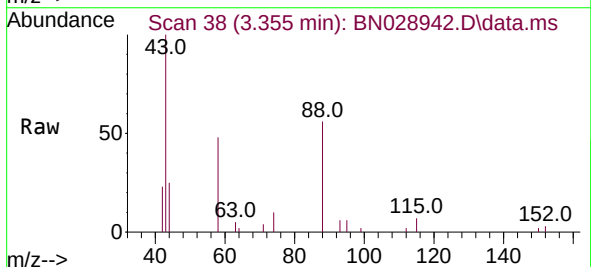
Instrument :
 BNA_N
 ClientSampleId :



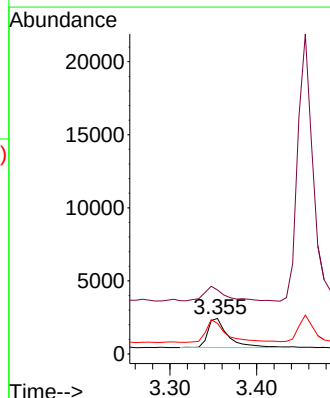
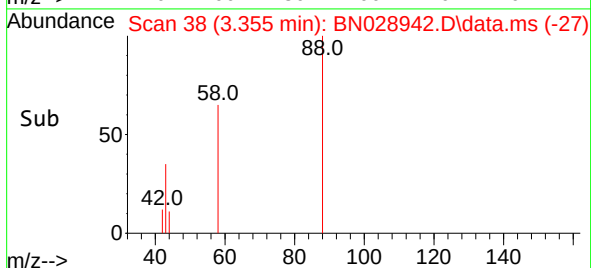
Tgt Ion:152 Resp: 3461
 Ion Ratio Lower Upper
 152 100
 150 151.4 123.4 185.2
 115 72.3 59.1 88.7

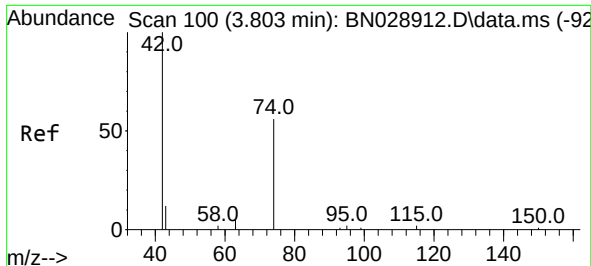


#2
 1,4-Dioxane
 Concen: 0.952 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.022 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54



Tgt Ion: 88 Resp: 3226
 Ion Ratio Lower Upper
 88 100
 43 49.9 29.9 44.9#
 58 76.1 55.0 82.4

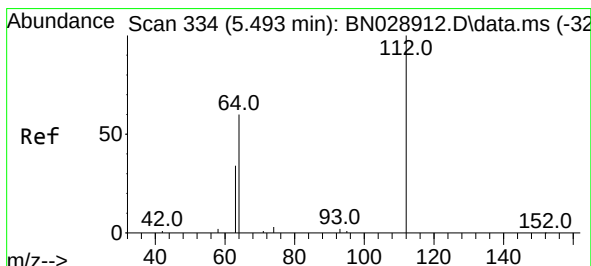
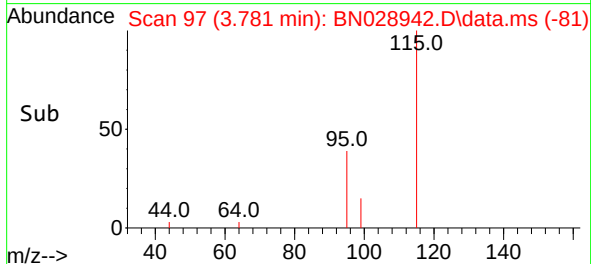
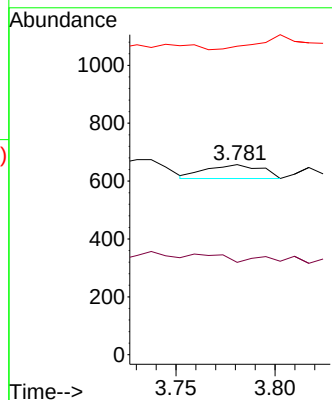
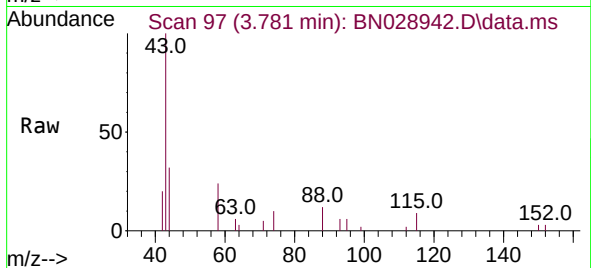




#3
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.781 min Scan# 91
Delta R.T. 0.014 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

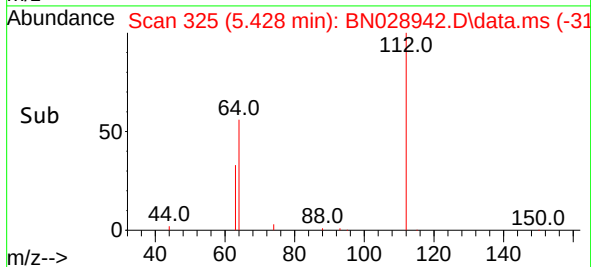
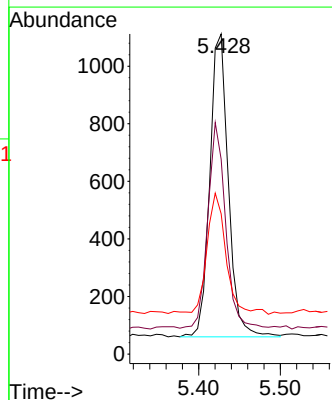
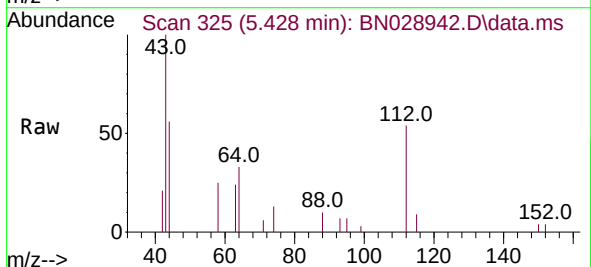
Instrument :
BNA_N
ClientSampleId :

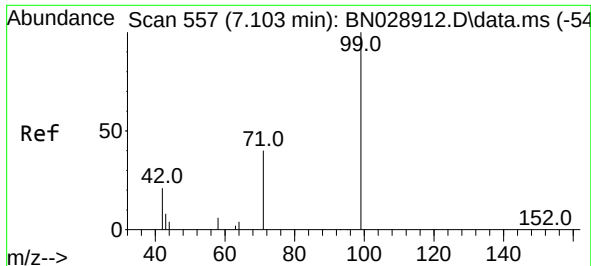
Tgt Ion: 42 Resp: 92
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.428 min Scan# 325
Delta R.T. -0.022 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion: 112 Resp: 1659
Ion Ratio Lower Upper
112 100
64 64.9 51.5 77.3
63 40.7 30.4 45.6

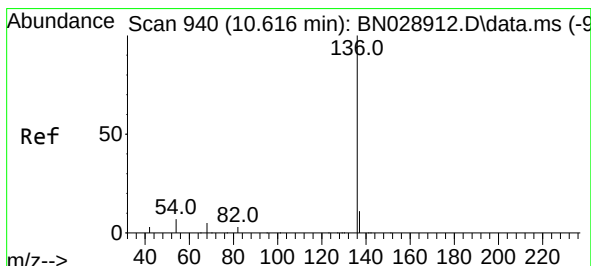
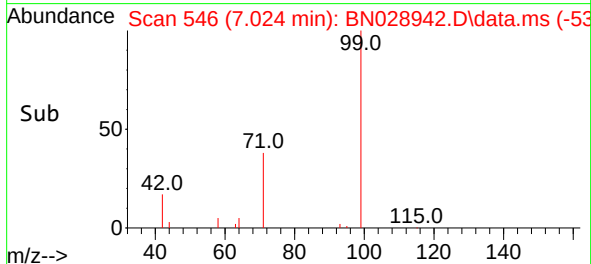
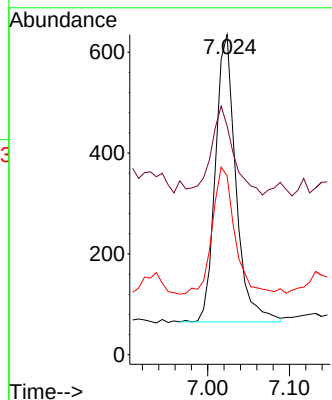
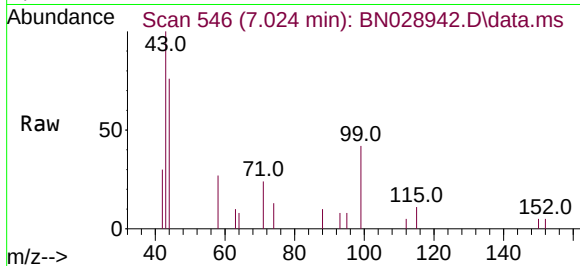




#5
Phenol-d6
Concen: 0.085 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.022 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

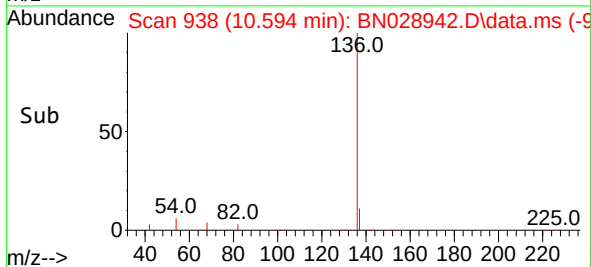
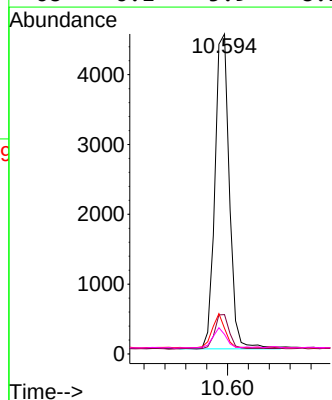
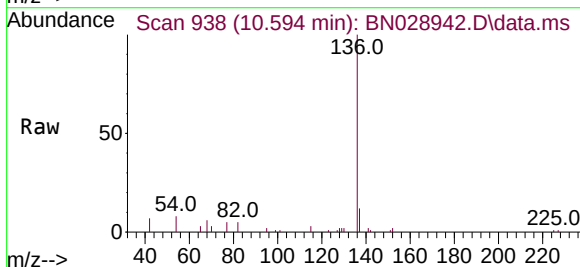
Instrument :
BNA_N
ClientSampleId :

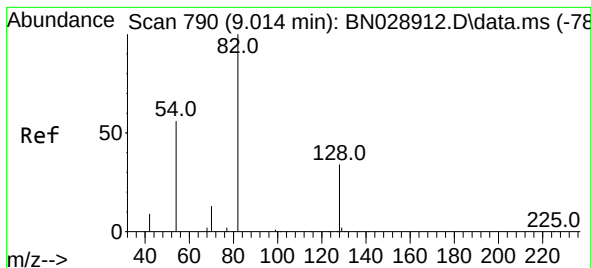
Tgt Ion: 99 Resp: 993
Ion Ratio Lower Upper
99 100
42 33.1 21.2 31.8#
71 48.5 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion: 136 Resp: 8646
Ion Ratio Lower Upper
136 100
137 12.3 10.6 16.0
54 8.0 7.5 11.3
68 6.1 5.9 8.9





#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 8.971 min Scan# 71

Delta R.T. -0.011 min

Lab File: BN028942.D

Acq: 01 Dec 2023 11:54

Instrument :

BNA_N

ClientSampleId :

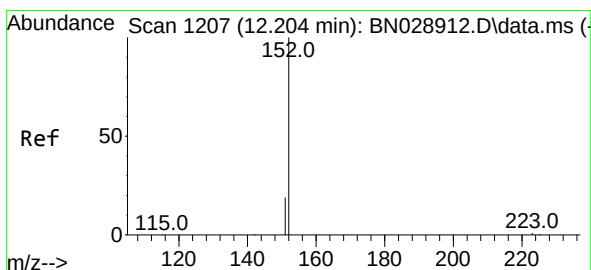
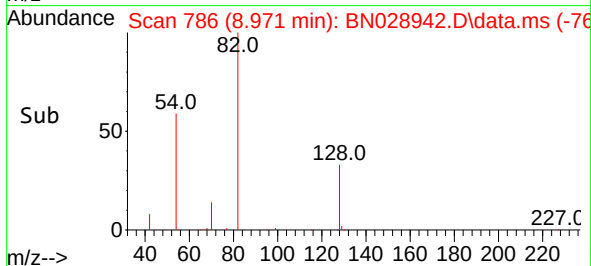
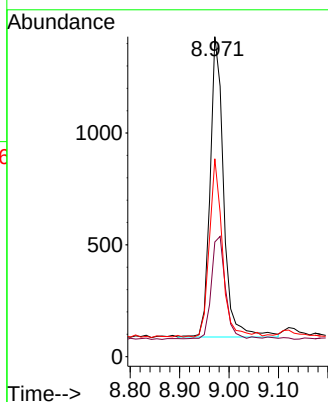
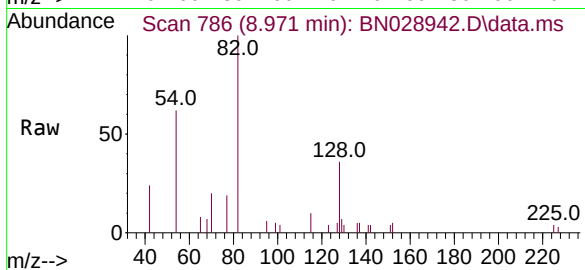
Tgt Ion: 82 Resp: 2564

Ion Ratio Lower Upper

82 100

128 35.8 29.2 43.8

54 61.8 47.0 70.6



#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.178 min Scan# 1200

Delta R.T. -0.008 min

Lab File: BN028942.D

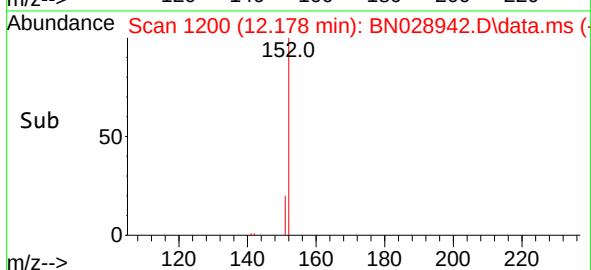
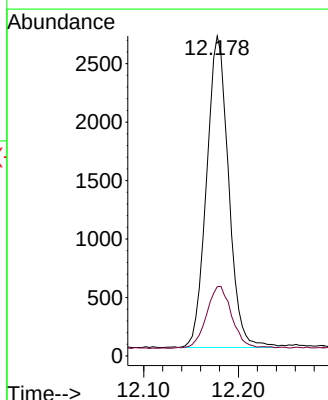
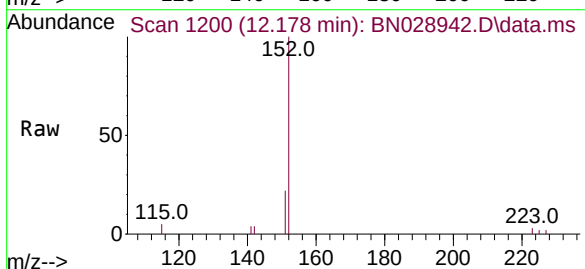
Acq: 01 Dec 2023 11:54

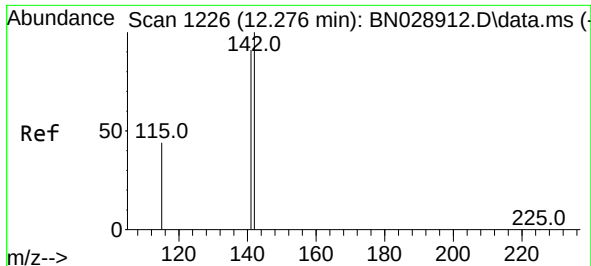
Tgt Ion: 152 Resp: 4305

Ion Ratio Lower Upper

152 100

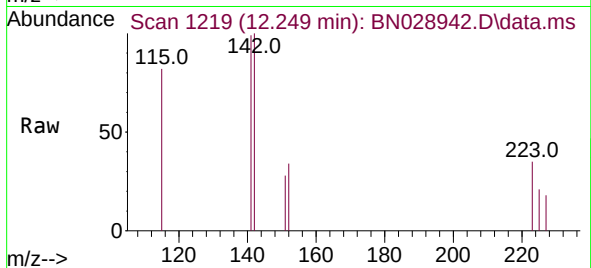
151 22.7 16.7 25.1



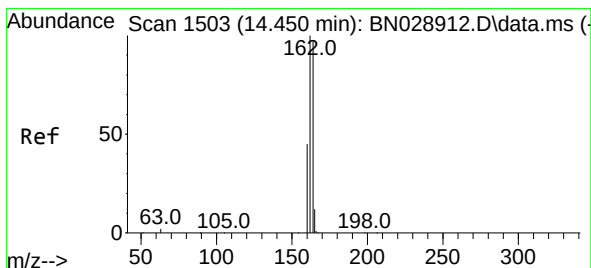
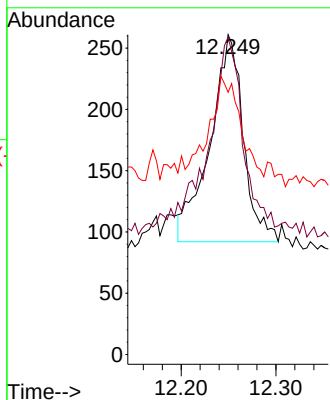
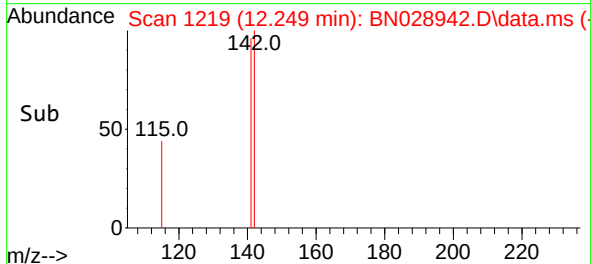


#12
2-Methylnaphthalene
Concen: 0.024 ng
RT: 12.249 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

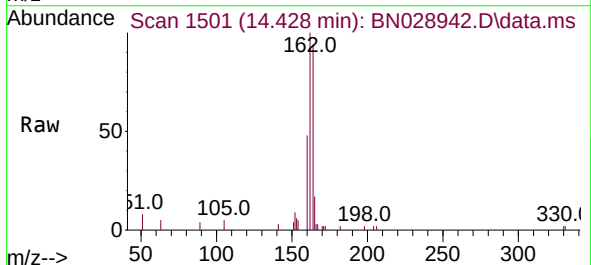
Instrument :
BNA_N
ClientSampleId :



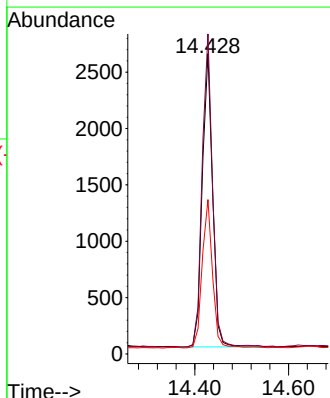
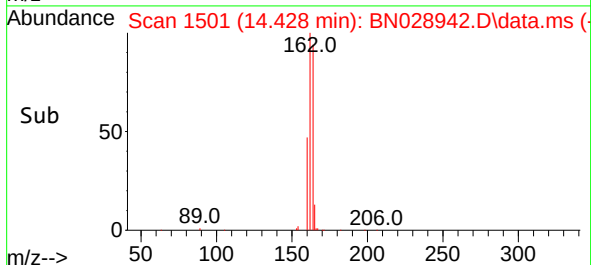
Tgt Ion:142 Resp: 413
Ion Ratio Lower Upper
142 100
141 99.2 73.1 109.7
115 82.0 37.6 56.4#

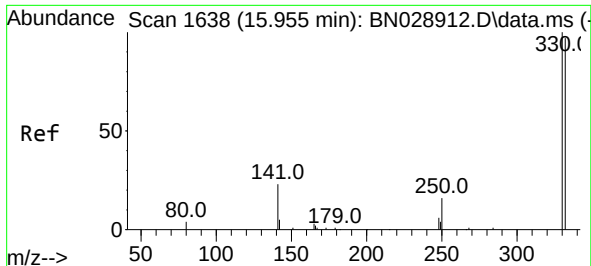


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54



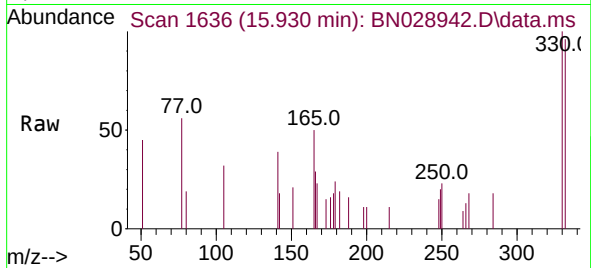
Tgt Ion:164 Resp: 3986
Ion Ratio Lower Upper
164 100
162 106.5 81.7 122.5
160 51.4 37.0 55.6



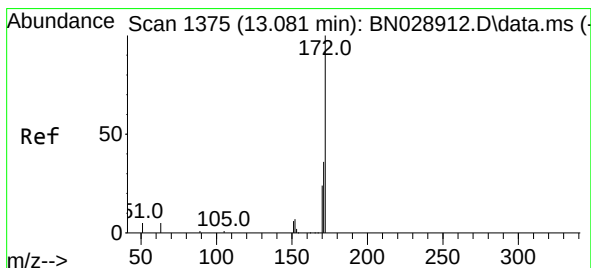
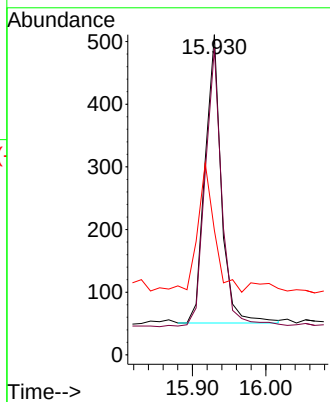
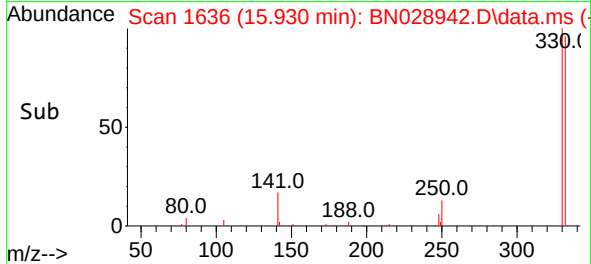


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.930 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

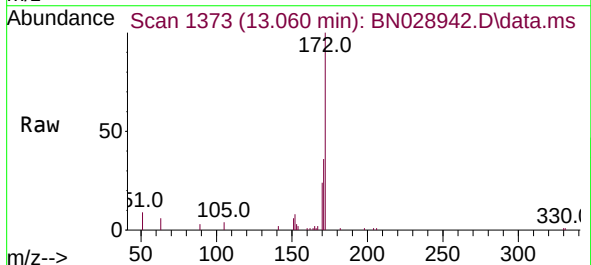
Instrument :
BNA_N
ClientSampleId :



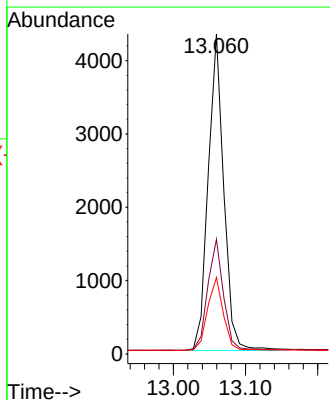
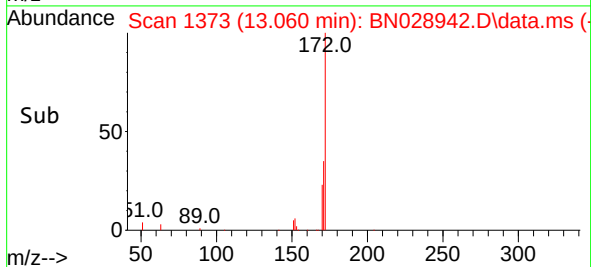
Tgt Ion:330 Resp: 708
Ion Ratio Lower Upper
330 100
332 100.0 75.4 113.2
141 45.8 35.7 53.5

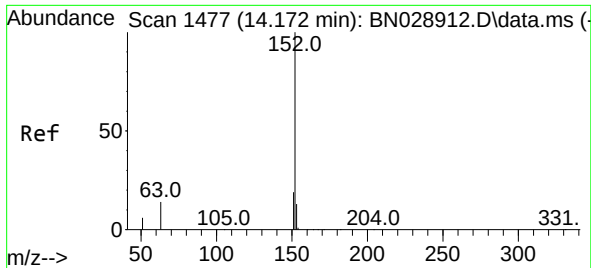


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54



Tgt Ion:172 Resp: 6470
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.9 19.7 29.5

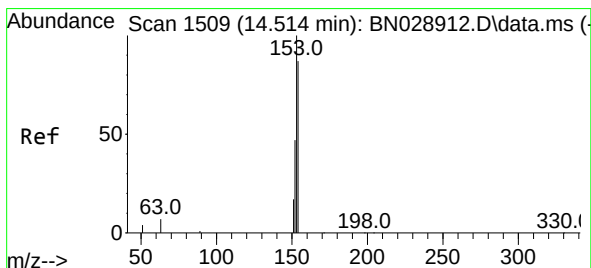
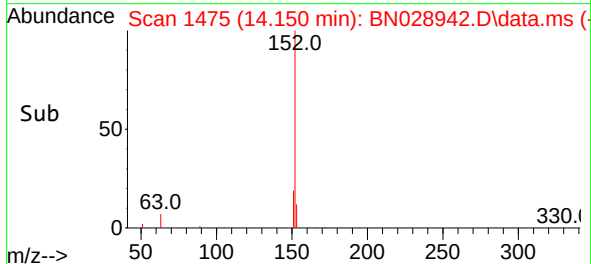
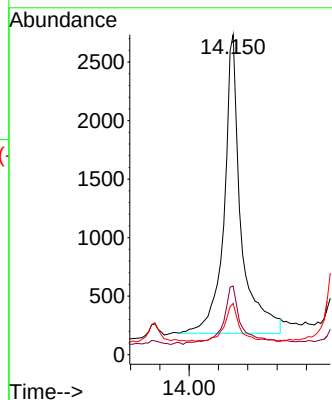
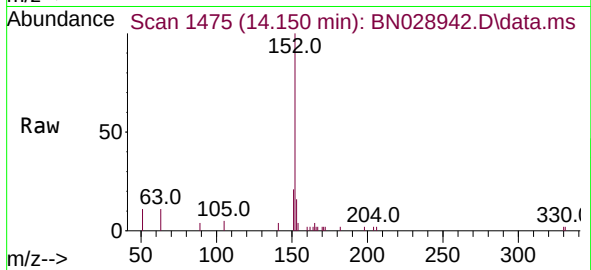




#16
Acenaphthylene
Concen: 0.484 ng
RT: 14.150 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

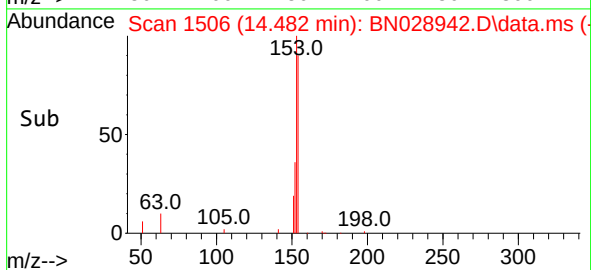
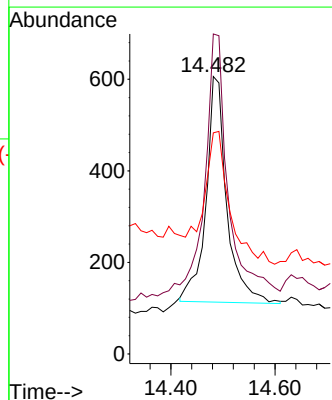
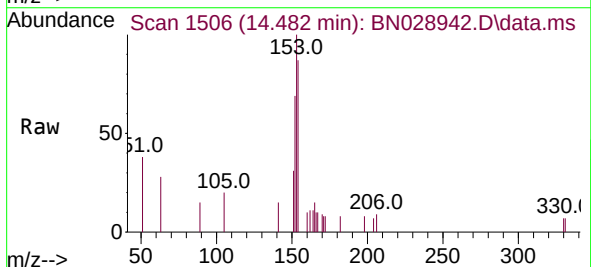
Instrument :
BNA_N
ClientSampleId :

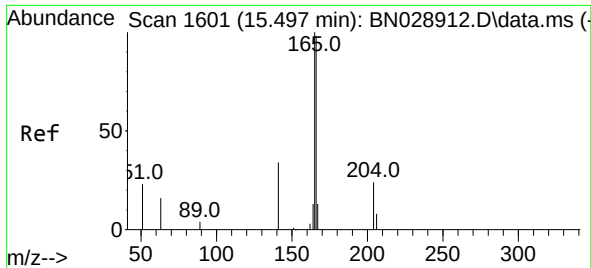
Tgt Ion:152 Resp: 10222
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 11.7 10.8 16.2



#17
Acenaphthene
Concen: 0.097 ng
RT: 14.482 min Scan# 1506
Delta R.T. -0.011 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

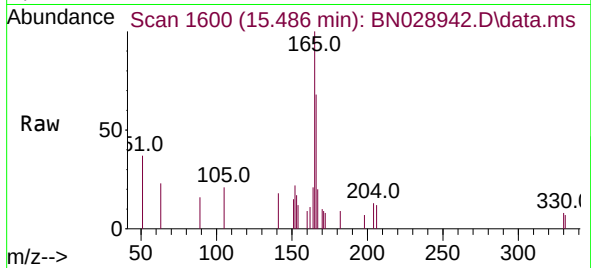
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Ion Ratio Lower Upper
154 100
153 119.6 93.8 140.6
152 73.4 44.5 66.7#



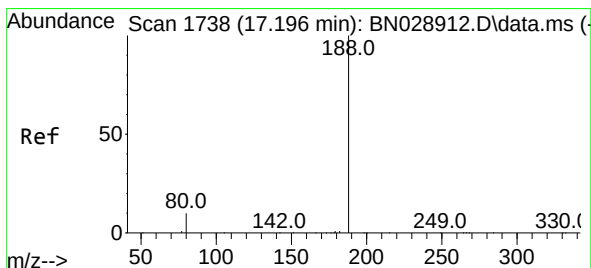
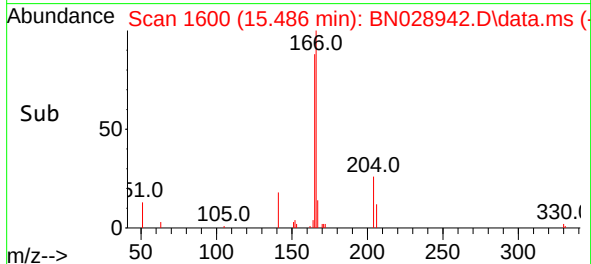
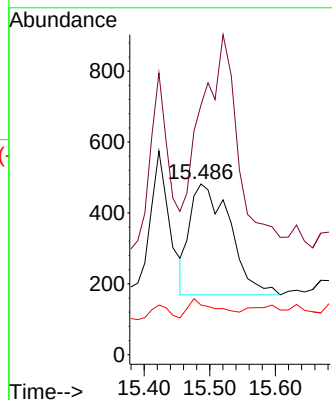


#18
Fluorene
Concen: 0.078 ng
RT: 15.486 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :

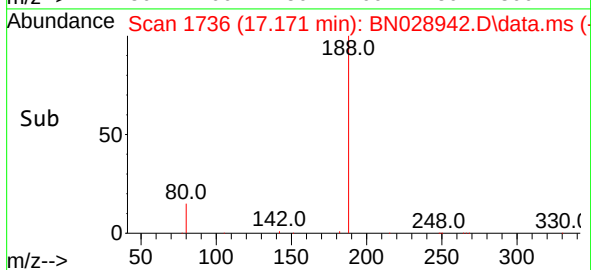
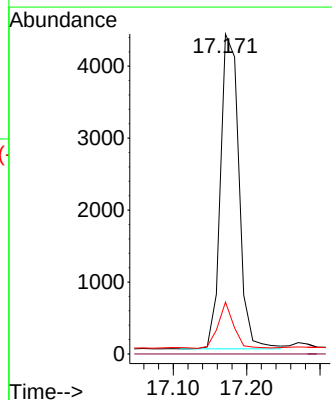
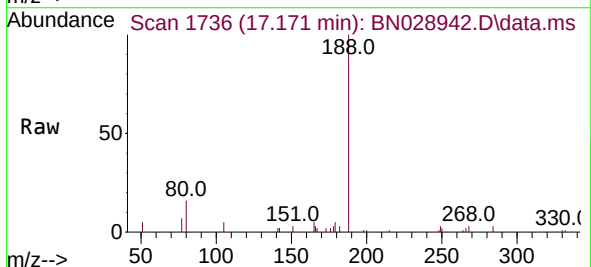


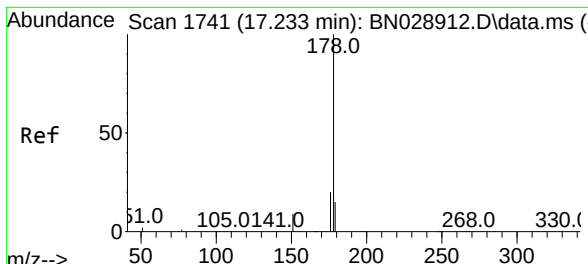
Tgt Ion:166 Resp: 1379
Ion Ratio Lower Upper
166 100
165 0.0 79.4 119.2#
167 11.7 11.0 16.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:188 Resp: 7627
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 9.0 13.6#



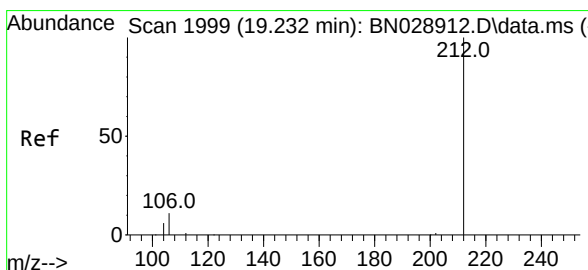
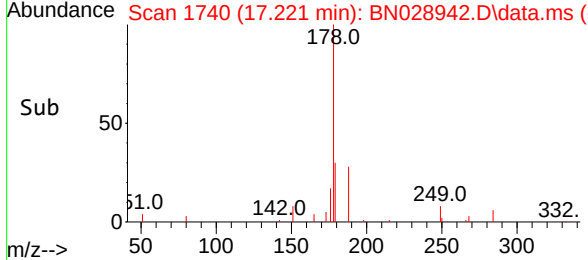
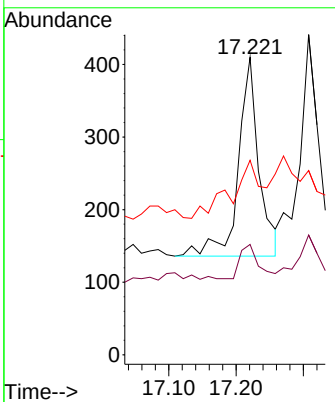
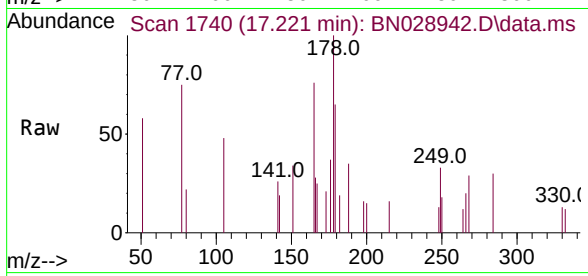


#25
 Phenanthrene
 Concen: 0.023 ng
 RT: 17.221 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 584

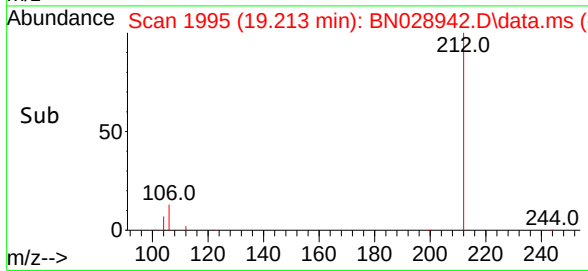
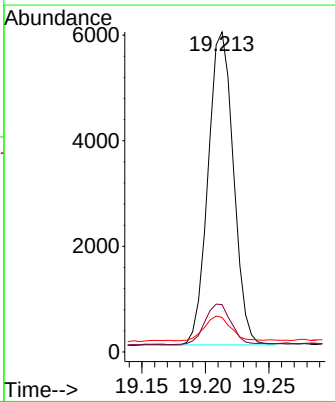
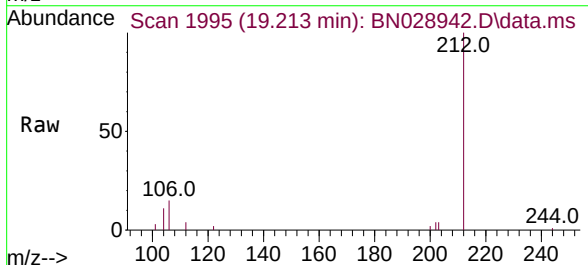
Ion	Ratio	Lower	Upper
178	100		
176	15.2	16.4	24.6#
179	42.8	14.1	21.1#

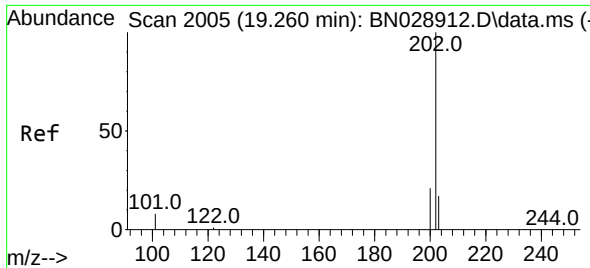


#27
 Fluoranthene-d10
 Concen: 0.410 ng
 RT: 19.213 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

Tgt Ion:212 Resp: 8232

Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.4	14.2
104	8.2	6.2	9.2

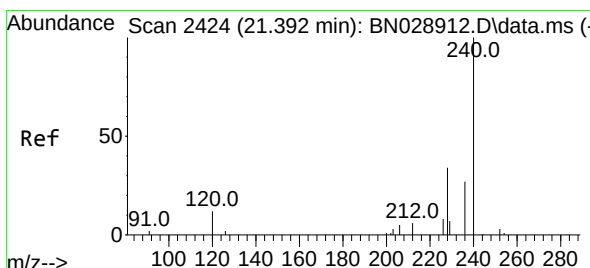
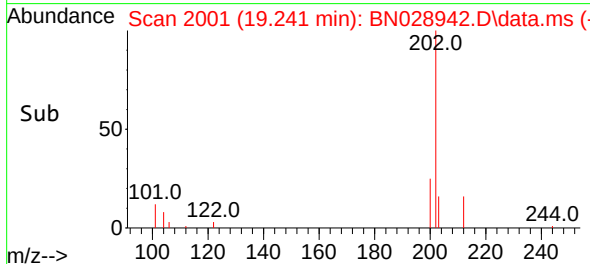
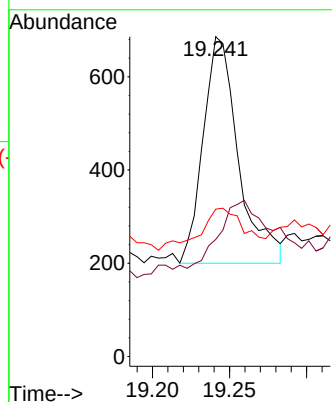
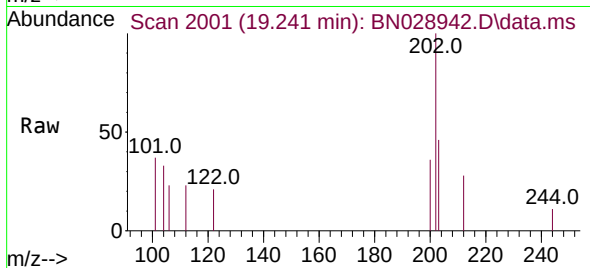




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.241 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

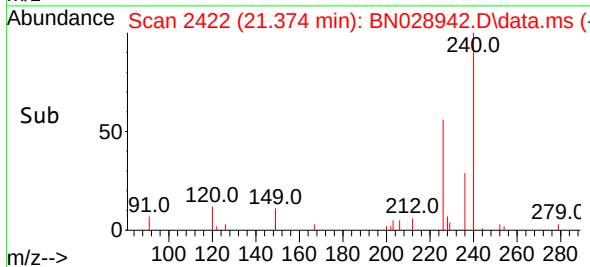
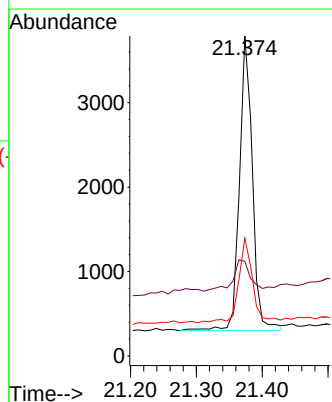
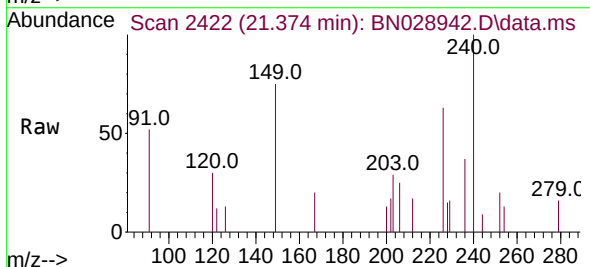
Instrument :
BNA_N
ClientSampleId :

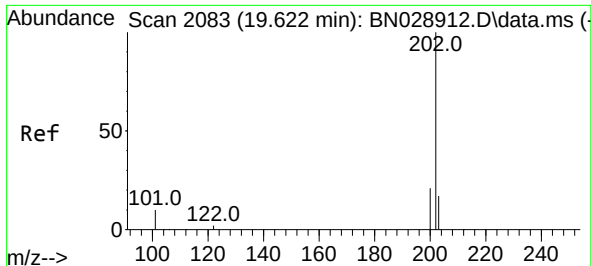
Tgt Ion:202 Resp: 776
Ion Ratio Lower Upper
202 100
101 49.2 7.3 10.9#
203 23.6 14.1 21.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:240 Resp: 4801
Ion Ratio Lower Upper
240 100
120 29.6 37.1 55.7#
236 36.7 32.4 48.6

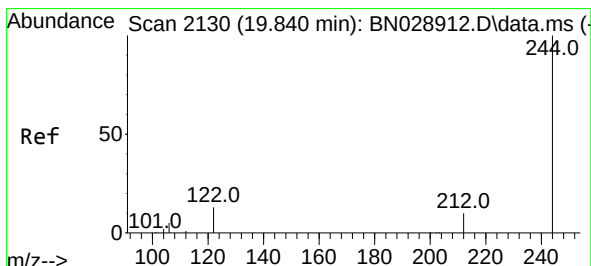
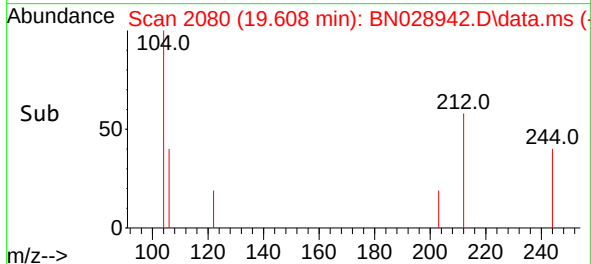
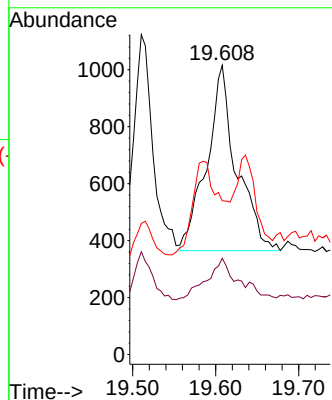
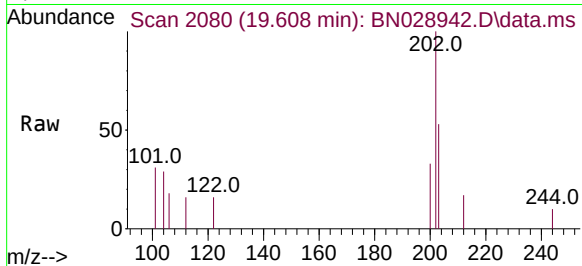




#30
 Pyrene
 Concen: 0.138 ng
 RT: 19.608 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

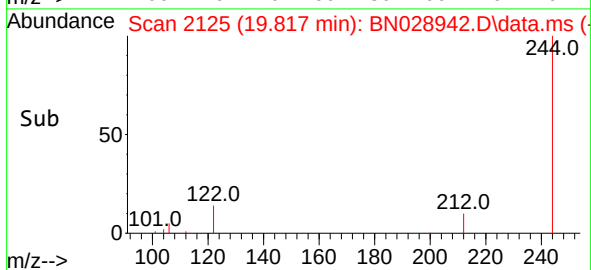
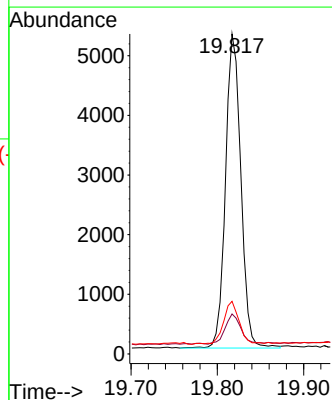
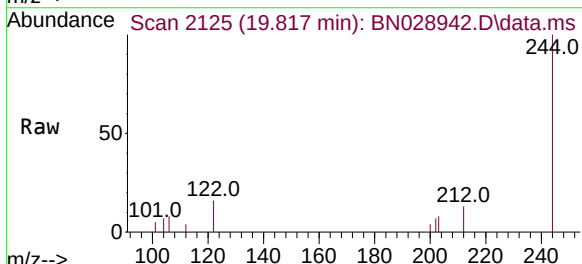
Instrument :
 BNA_N
 ClientSampleId :

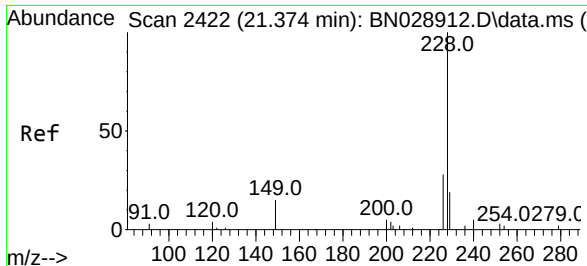
Tgt Ion:202 Resp: 1626
 Ion Ratio Lower Upper
 202 100
 200 25.2 16.9 25.3
 203 0.0 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.817 min Scan# 2125
 Delta R.T. -0.005 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

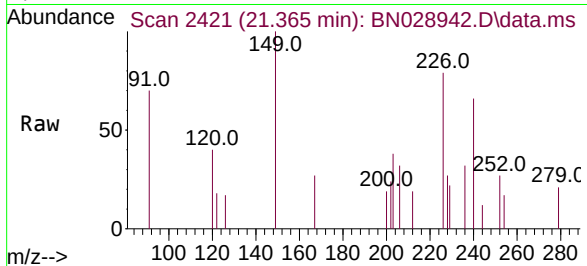
Tgt Ion:244 Resp: 6530
 Ion Ratio Lower Upper
 244 100
 212 12.5 11.5 17.3
 122 16.5 13.2 19.8



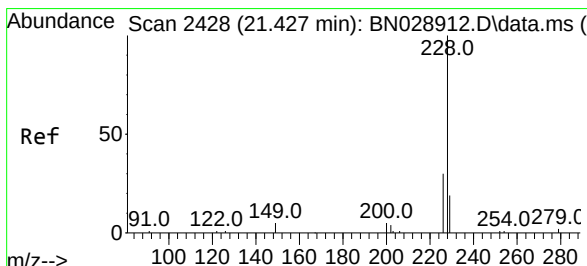
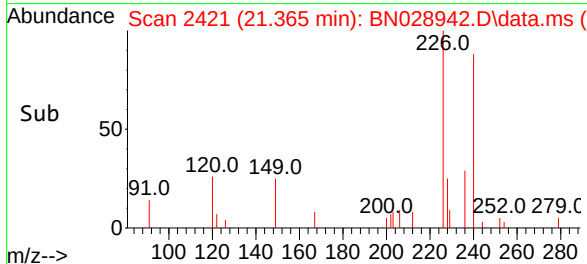
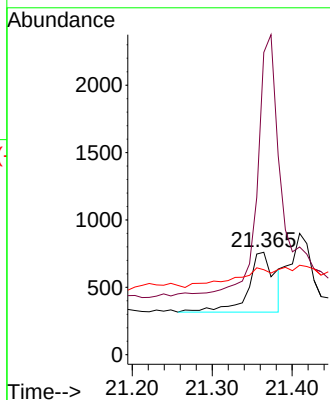


#32
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.365 min Scan# 2421
Delta R.T. 0.009 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :

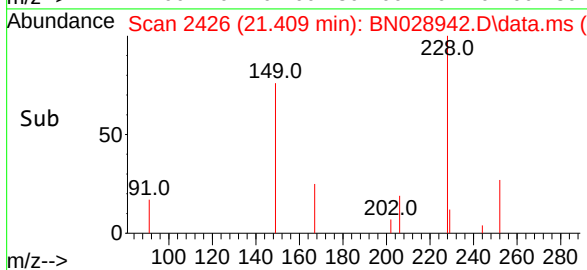
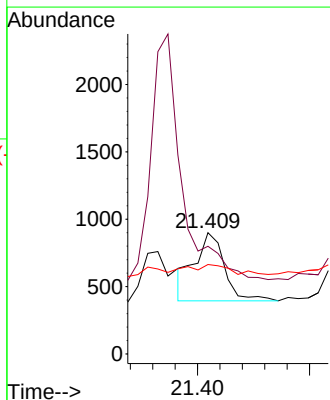
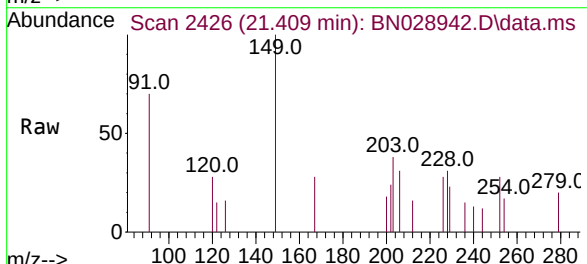


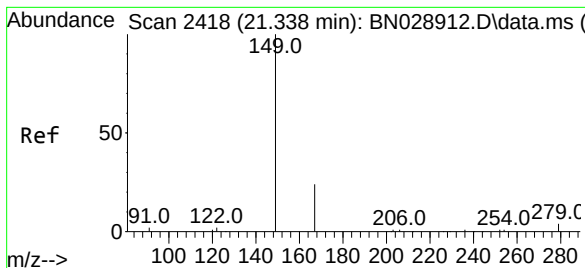
Tgt Ion:228 Resp: 1043
Ion Ratio Lower Upper
228 100
226 295.1 26.5 39.7#
229 83.0 16.4 24.6#



#33
Chrysene
Concen: 0.047 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:228 Resp: 939
Ion Ratio Lower Upper
228 100
226 88.8 28.3 42.5#
229 73.8 16.4 24.6#

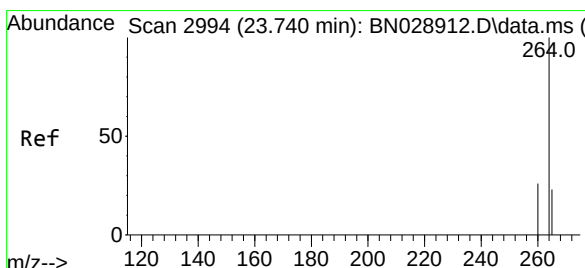
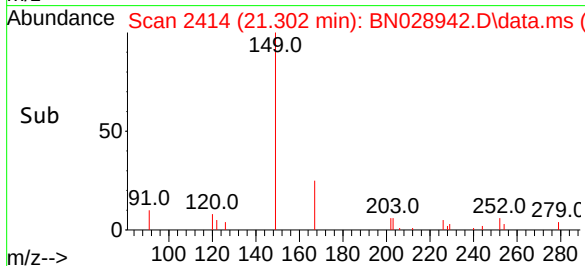
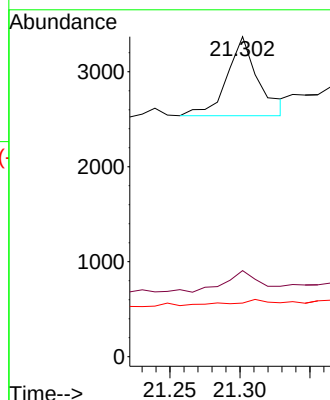
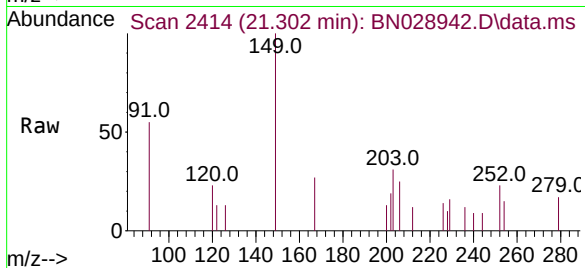




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.302 min Scan# 2414
 Delta R.T. -0.009 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

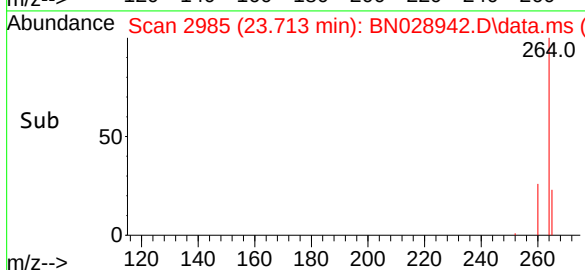
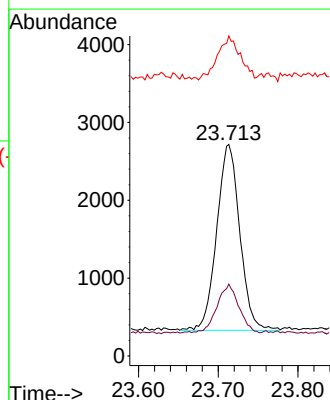
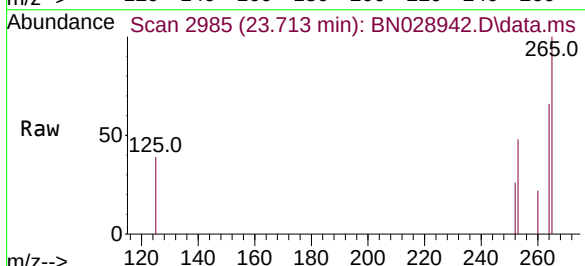
Instrument :
 BNA_N
 ClientSampleId :

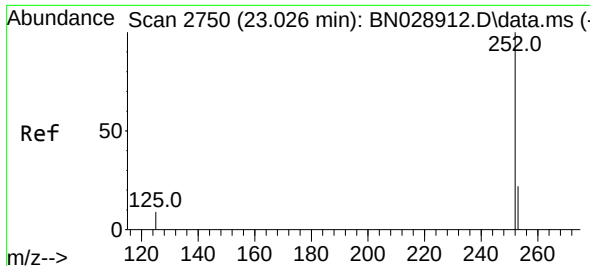
Tgt Ion:149 Resp: 1295
 Ion Ratio Lower Upper
 149 100
 167 28.0 14.9 22.3#
 279 10.0 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.713 min Scan# 2985
 Delta R.T. -0.000 min
 Lab File: BN028942.D
 Acq: 01 Dec 2023 11:54

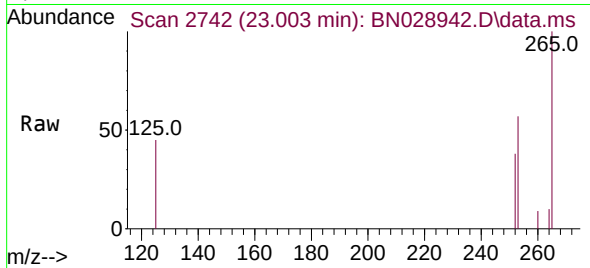
Tgt Ion:264 Resp: 4800
 Ion Ratio Lower Upper
 264 100
 260 34.0 20.6 30.8#
 265 151.3 464.5 696.7#



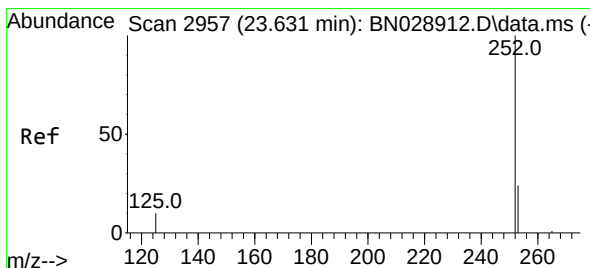
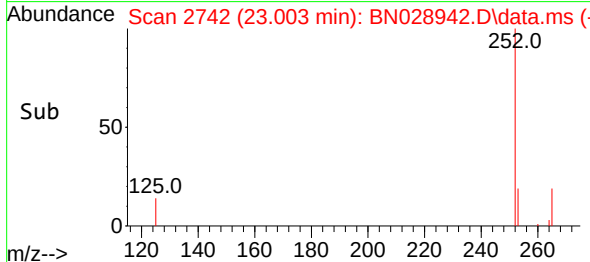
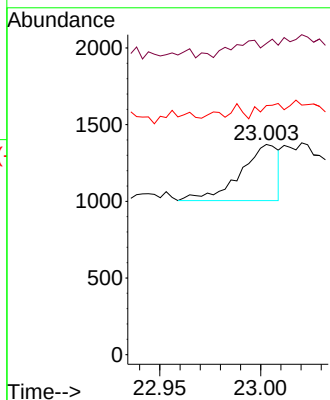


#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 23.003 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 479
Ion Ratio Lower Upper
252 100
253 148.1 94.5 141.7#
125 118.5 23.8 35.8#



#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.611 min Scan# 2950
Delta R.T. 0.006 min
Lab File: BN028942.D
Acq: 01 Dec 2023 11:54

Tgt Ion:252 Resp: 640
Ion Ratio Lower Upper
252 100
253 152.5 110.2 165.4
125 119.9 27.0 40.4#

