

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028946.D
 Acq On : 01 Dec 2023 14:17
 Operator : MA/JU
 Sample : 05350-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20231107

Quant Time: Dec 01 14:44:32 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)

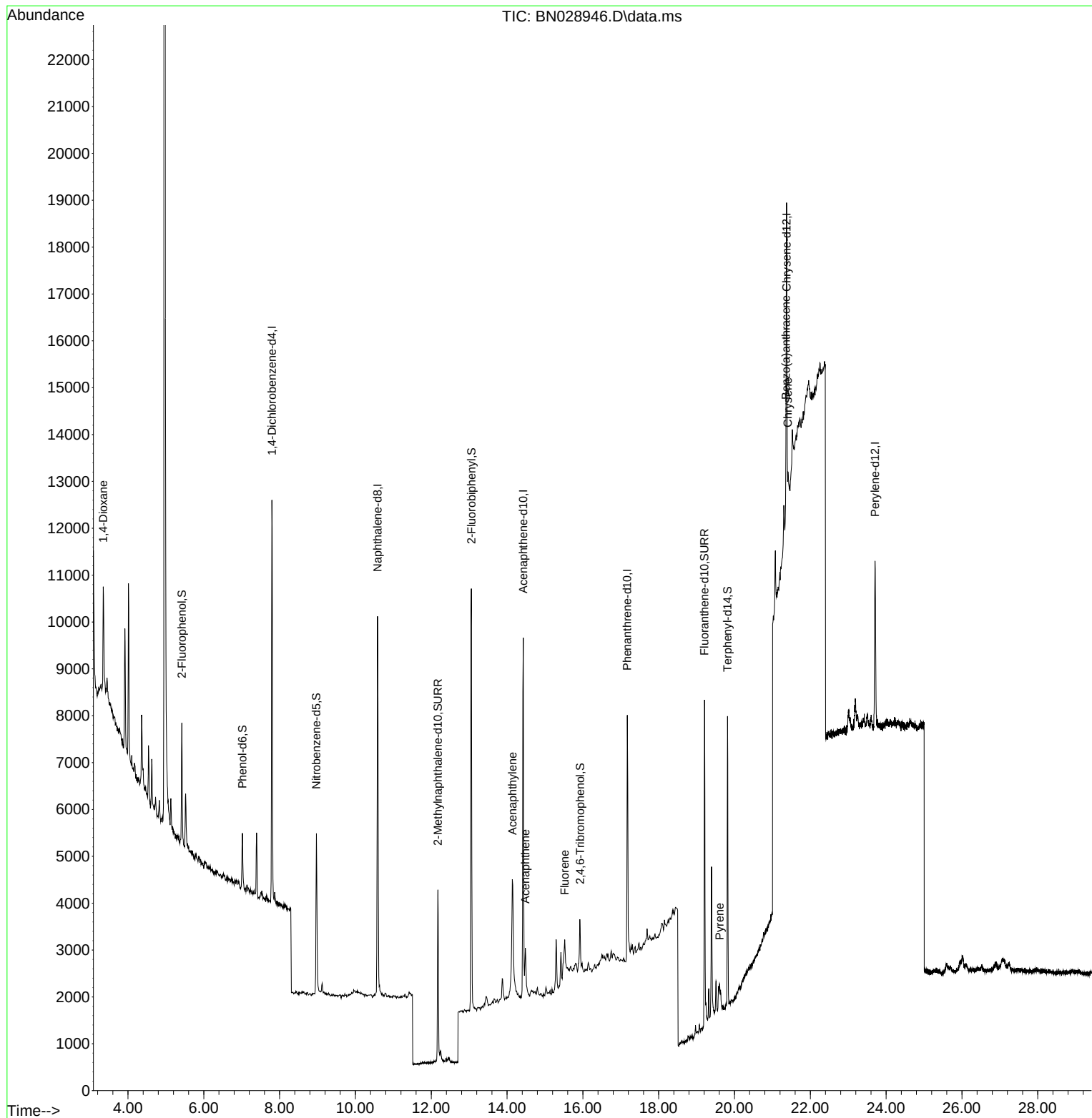
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	4078	0.400	ng	-0.01
7) Naphthalene-d8	10.583	136	10713	0.400	ng	-0.01
13) Acenaphthene-d10	14.428	164	4561	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7454	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4835	0.400	ng	# 0.00
35) Perylene-d12	23.708	264	4721	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1809	0.146	ng	-0.03
5) Phenol-d6	7.017	99	1146	0.084	ng	-0.03
8) Nitrobenzene-d5	8.971	82	3087	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	4965	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	690	0.224	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	8271	0.420	ng	-0.01
27) Fluoranthene-d10	19.209	212	7843	0.400	ng	0.00
31) Terphenyl-d14	19.817	244	5960	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	1556	0.390	ng	# 76
16) Acenaphthylene	14.140	152	7198	0.298	ng	96
17) Acenaphthene	14.482	154	889	0.055	ng	# 92
18) Fluorene	15.520	166	932	0.046	ng	# 41
30) Pyrene	19.608	202	925	0.119	ng	# 81
32) Benzo(a)anthracene	21.356	228	698	0.034	ng	# 1
33) Chrysene	21.409	228	674	0.033	ng	# 7

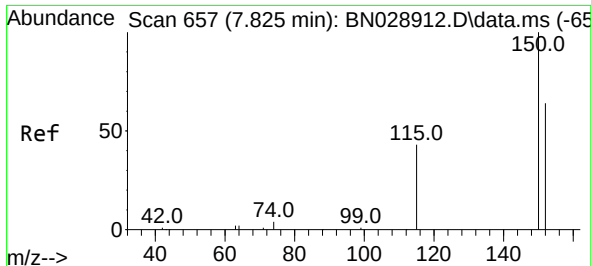
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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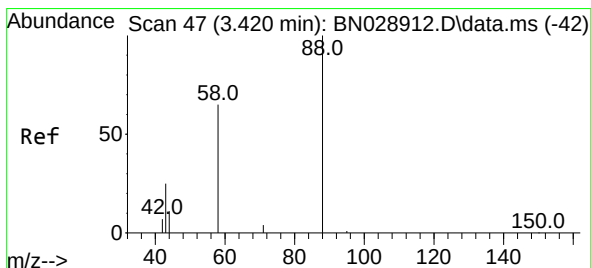
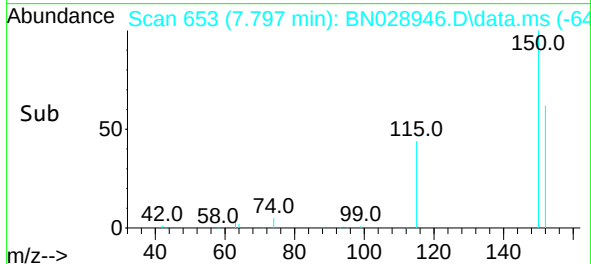
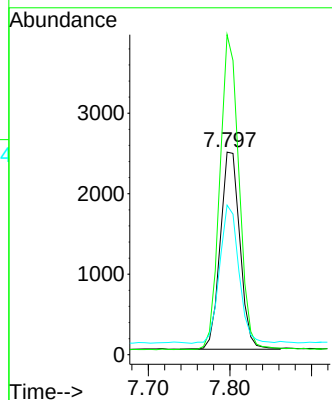
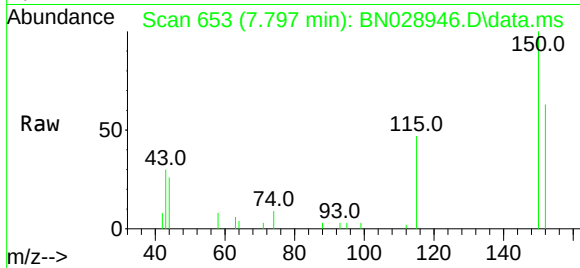




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN028946.D
 Acq: 01 Dec 2023 14:17

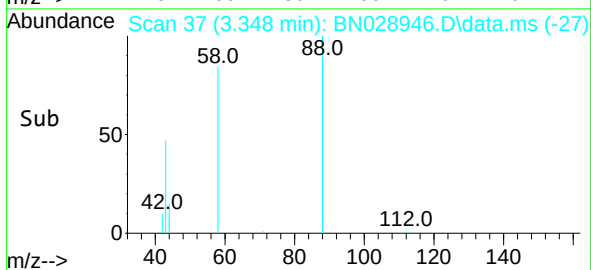
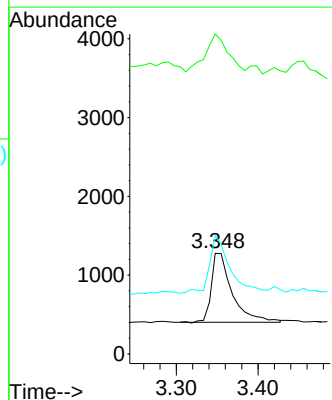
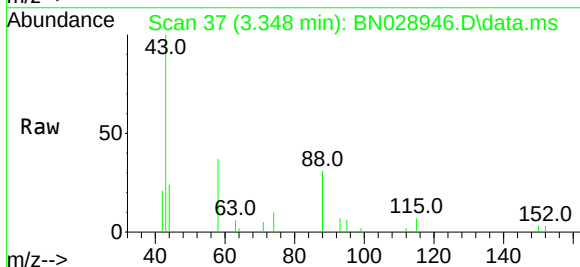
Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20231107

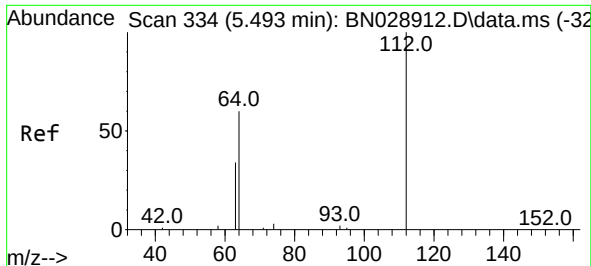
Tgt Ion:152 Resp: 4078
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.4 185.2
 115 73.9 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.390 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.029 min
 Lab File: BN028946.D
 Acq: 01 Dec 2023 14:17

Tgt Ion: 88 Resp: 1556
 Ion Ratio Lower Upper
 88 100
 43 58.4 29.9 44.9#
 58 82.7 55.0 82.4#

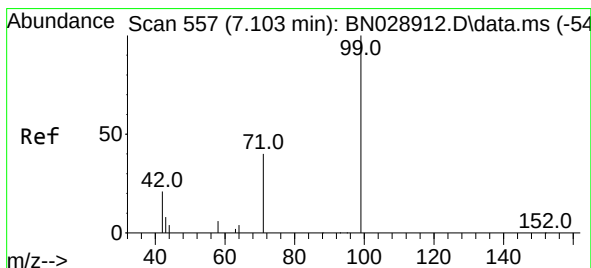
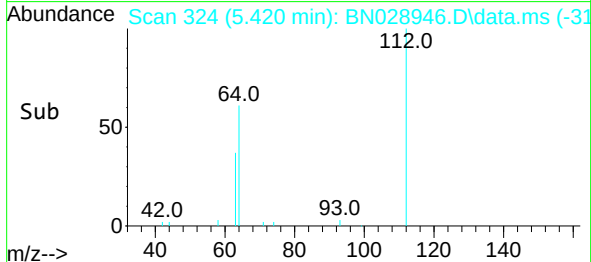
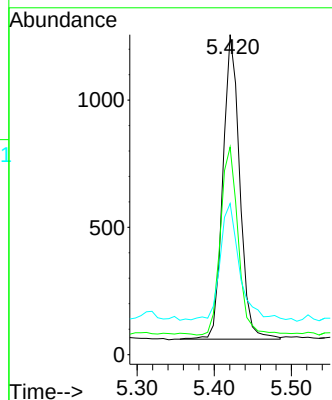
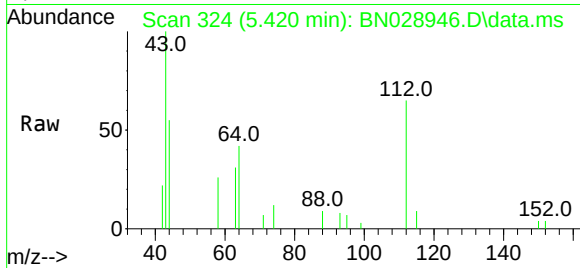




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.420 min Scan# 311
Delta R.T. -0.029 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

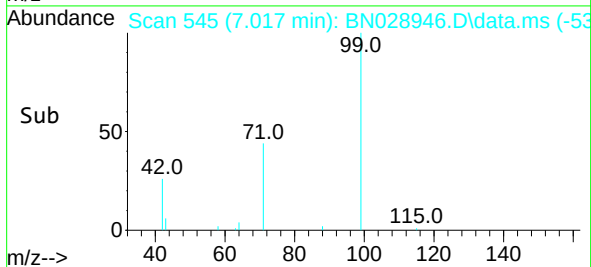
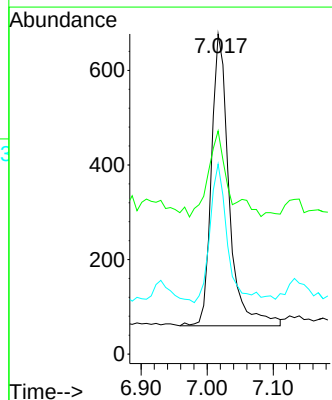
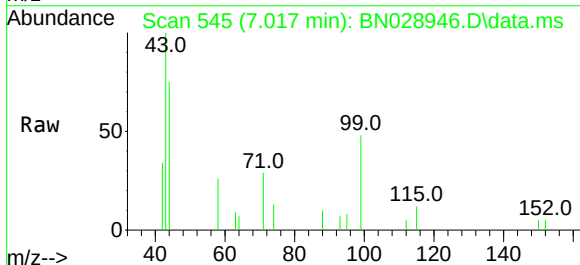
Instrument :
BNA_N
ClientSampleId :
TT14911-20231107

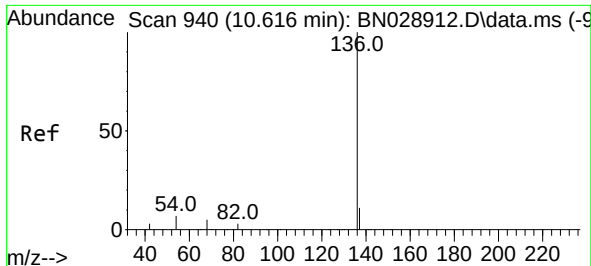
Tgt Ion:112 Resp: 1809
Ion Ratio Lower Upper
112 100
64 65.4 51.5 77.3
63 46.2 30.4 45.6#



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.017 min Scan# 545
Delta R.T. -0.029 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

Tgt Ion: 99 Resp: 1146
Ion Ratio Lower Upper
99 100
42 28.5 21.2 31.8
71 47.1 35.4 53.0

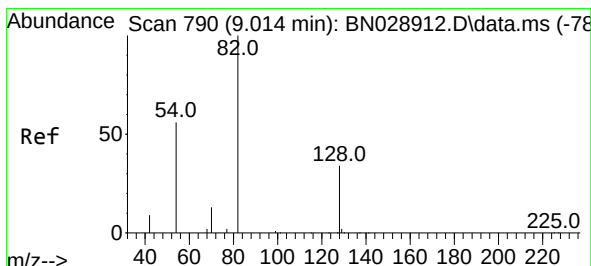
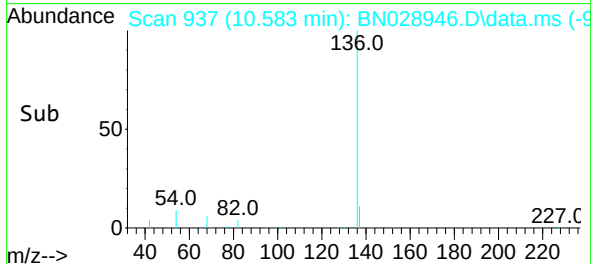
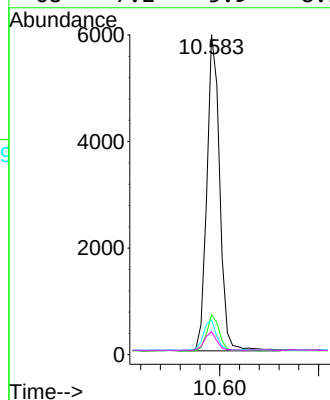
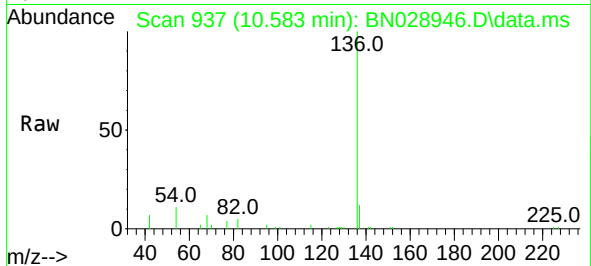




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

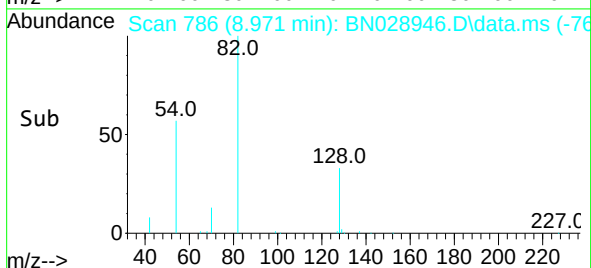
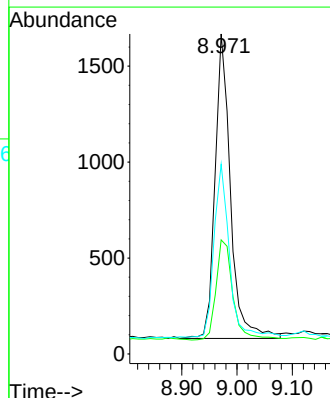
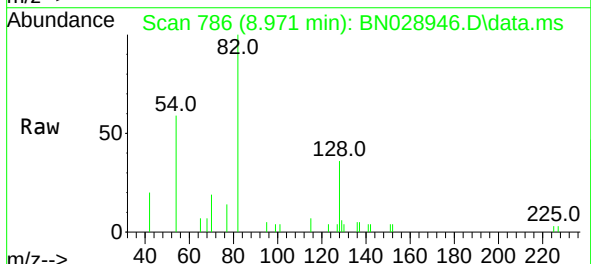
Instrument :
BNA_N
ClientSampleId :
TT14911-20231107

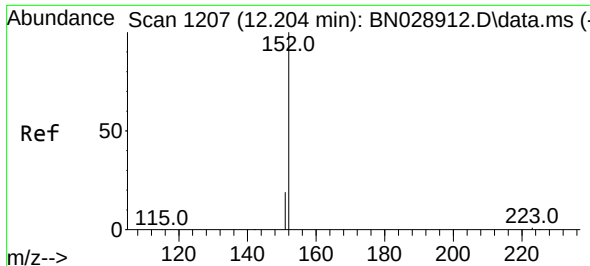
Tgt Ion:	136	Resp:	10713
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.6	16.0
54	10.8	7.5	11.3
68	7.2	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

Tgt Ion:	82	Resp:	3087
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.2	43.8
54	59.3	47.0	70.6

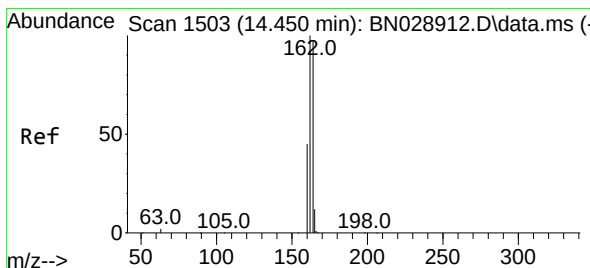
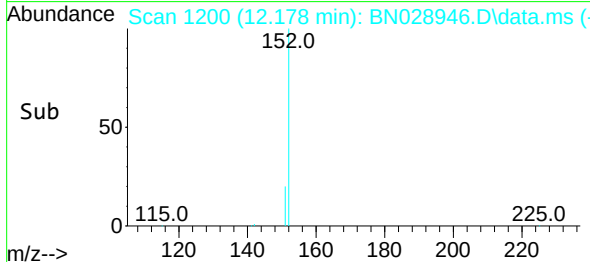
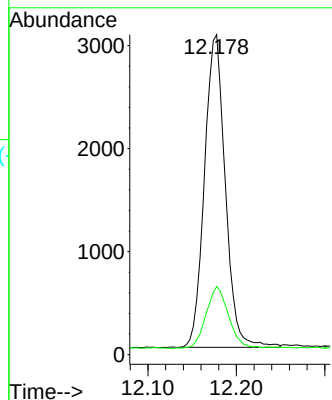
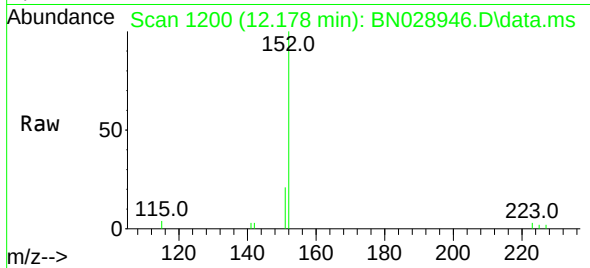




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.178 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

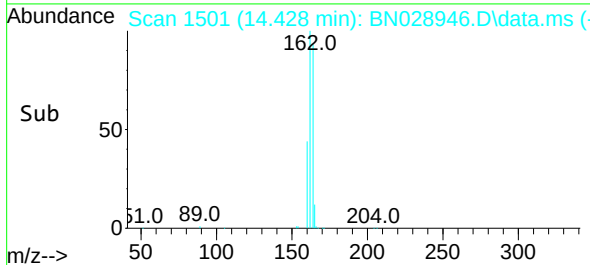
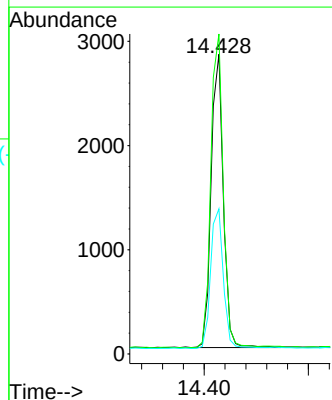
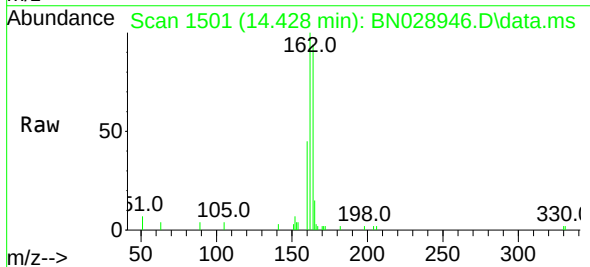
Instrument :
BNA_N
ClientSampleId :
TT14911-20231107

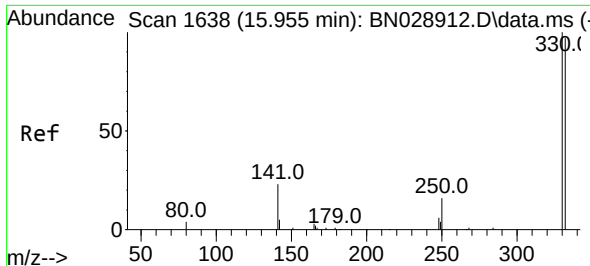
Tgt Ion:152 Resp: 4965
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

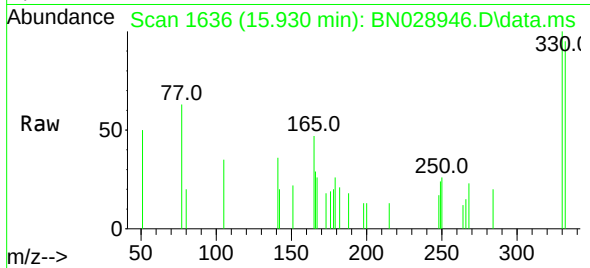
Tgt Ion:164 Resp: 4561
Ion Ratio Lower Upper
164 100
162 106.8 81.7 122.5
160 48.4 37.0 55.6



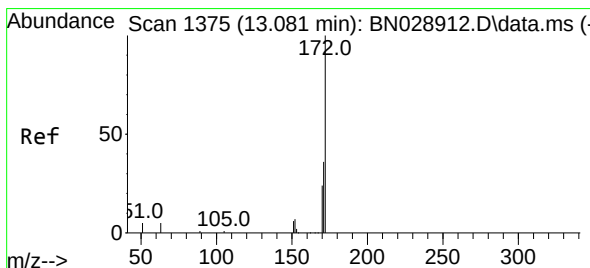
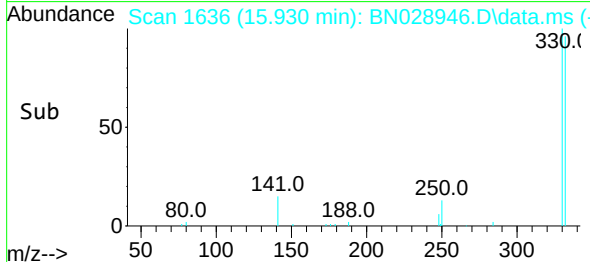
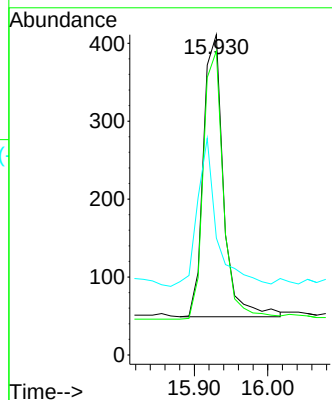


#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.930 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

Instrument :
BNA_N
ClientSampleId :
TT14911-20231107

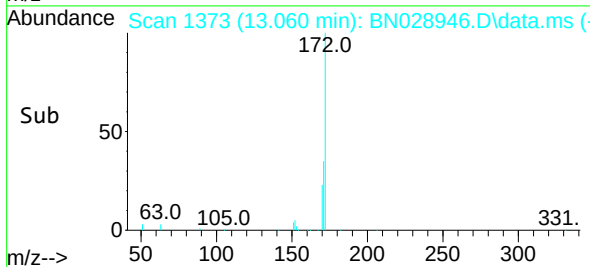
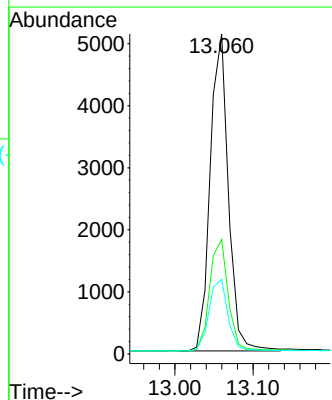
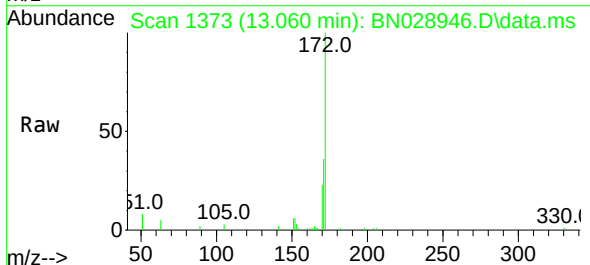


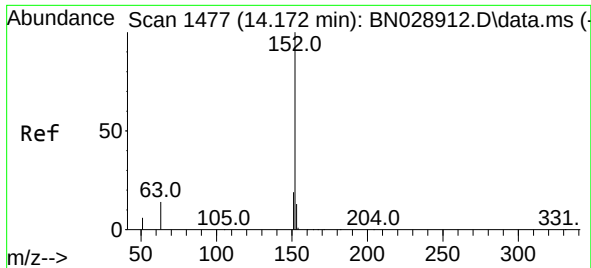
Tgt Ion:330 Resp: 690
Ion Ratio Lower Upper
330 100
332 95.1 75.4 113.2
141 51.0 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

Tgt Ion:172 Resp: 8271
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.3 19.7 29.5

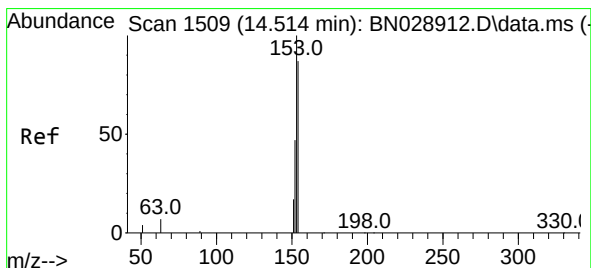
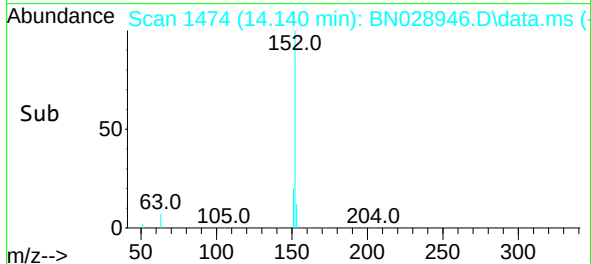
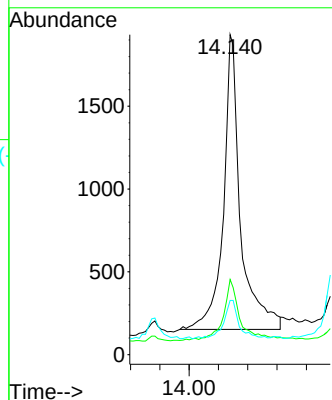
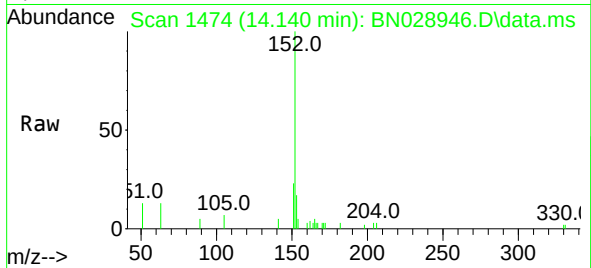




#16
Acenaphthylene
Concen: 0.298 ng
RT: 14.140 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

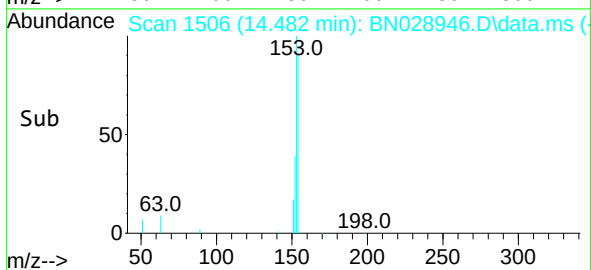
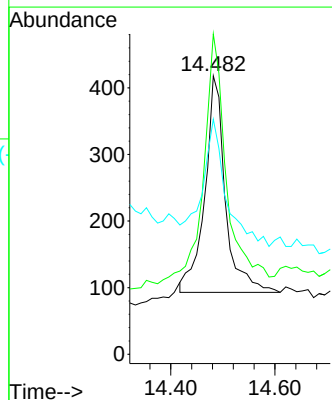
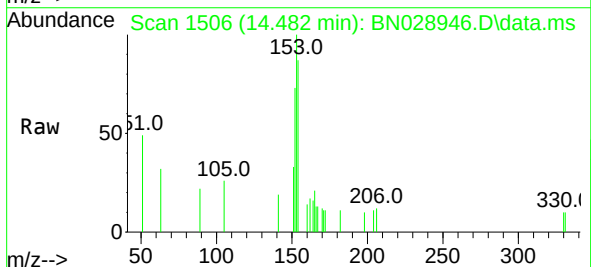
Instrument :
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ClientSampleId :
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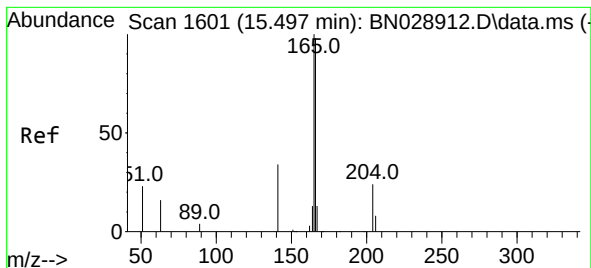
Tgt Ion:152 Resp: 7198
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 11.1 10.8 16.2



#17
Acenaphthene
Concen: 0.055 ng
RT: 14.482 min Scan# 1506
Delta R.T. -0.011 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

Tgt Ion:154 Resp: 889
Ion Ratio Lower Upper
154 100
153 113.9 93.8 140.6
152 69.2 44.5 66.7#





#18

Fluorene

Concen: 0.046 ng

RT: 15.520 min Scan# 1

Delta R.T. 0.034 min

Lab File: BN028946.D

Acq: 01 Dec 2023 14:17

Instrument :

BNA_N

ClientSampleId :

TT14911-20231107

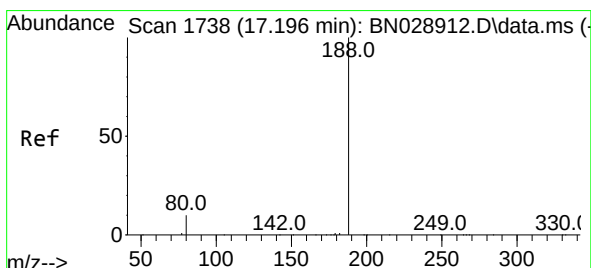
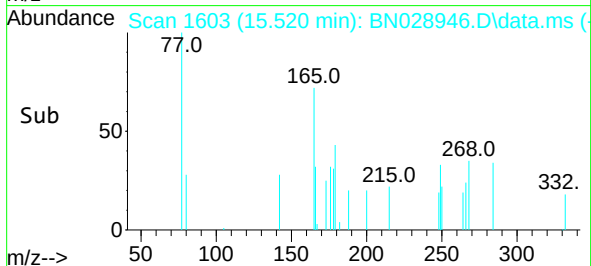
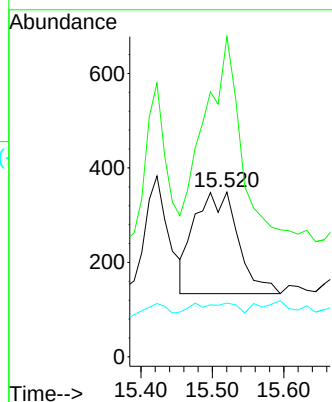
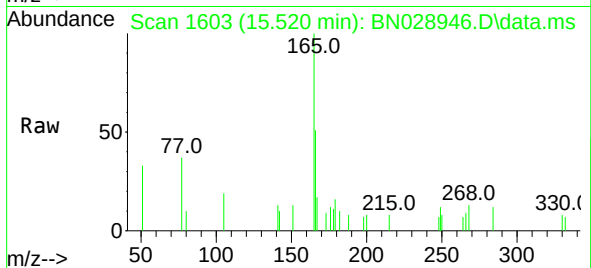
Tgt Ion:166 Resp: 932

Ion Ratio Lower Upper

166 100

165 161.3 79.4 119.2#

167 0.0 11.0 16.4#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.171 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BN028946.D

Acq: 01 Dec 2023 14:17

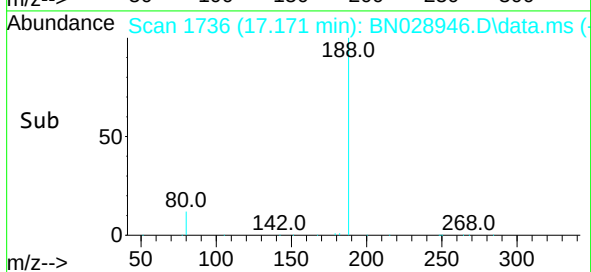
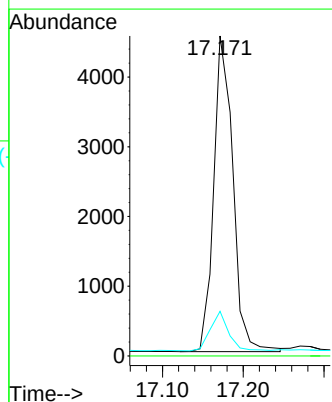
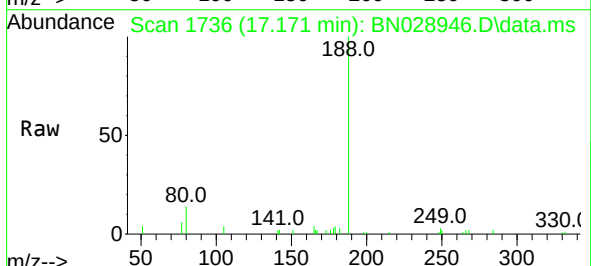
Tgt Ion:188 Resp: 7454

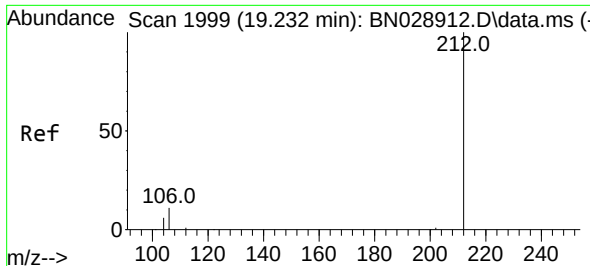
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 9.0 13.6#

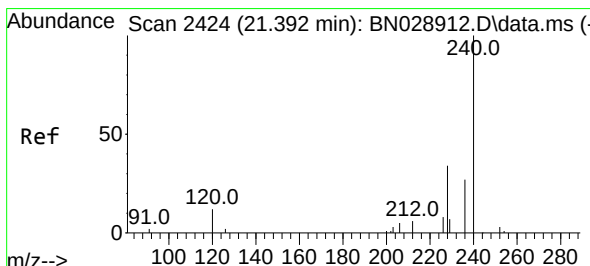
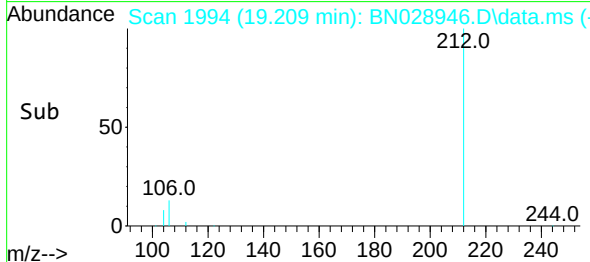
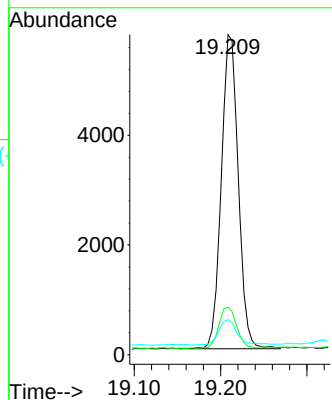
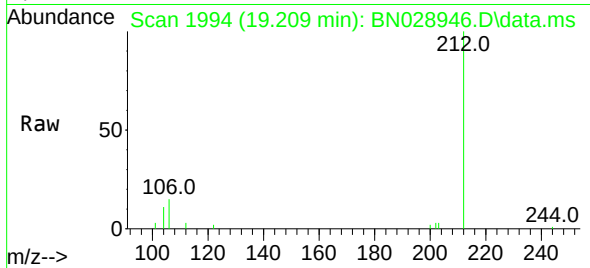




#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

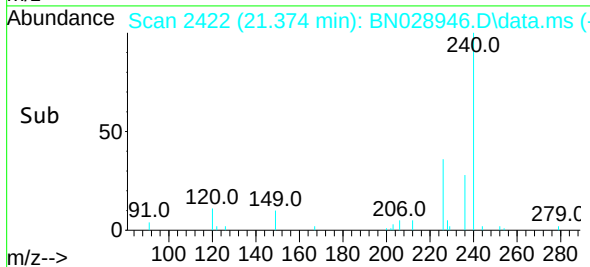
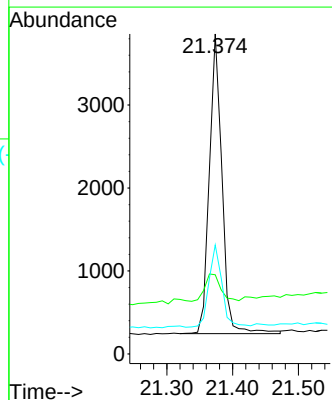
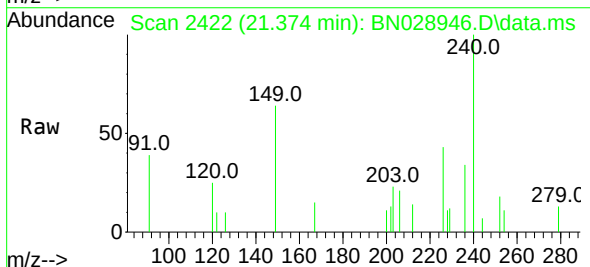
Instrument :
BNA_N
ClientSampleId :
TT14911-20231107

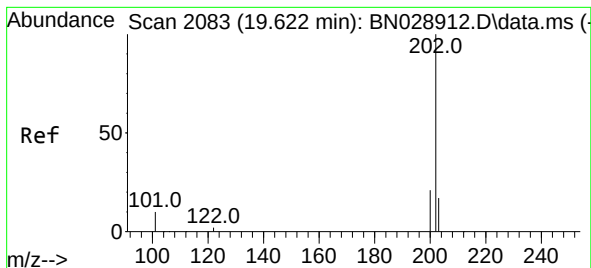
Tgt Ion:212 Resp: 7843
Ion Ratio Lower Upper
212 100
106 13.8 9.4 14.2
104 9.2 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

Tgt Ion:240 Resp: 4835
Ion Ratio Lower Upper
240 100
120 24.8 37.1 55.7#
236 34.1 32.4 48.6





#30

Pyrene

Concen: 0.119 ng

RT: 19.608 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BN028946.D

Acq: 01 Dec 2023 14:17

Instrument :

BNA_N

ClientSampleId :

TT14911-20231107

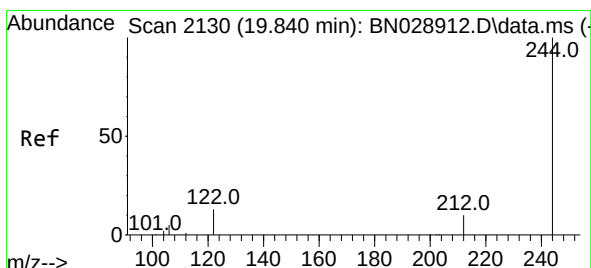
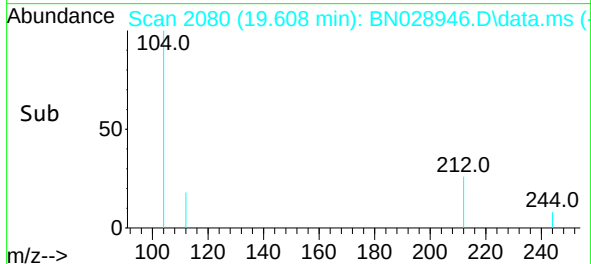
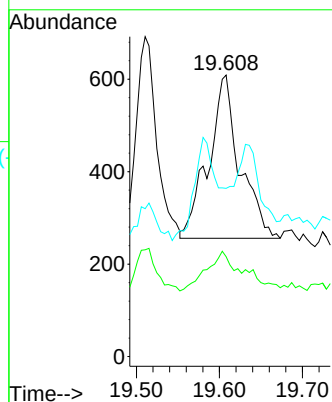
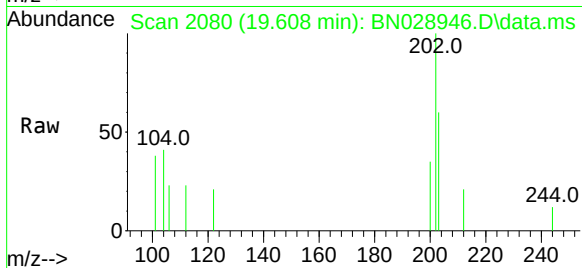
Tgt Ion:202 Resp: 925

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 0.0 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.420 ng

RT: 19.817 min Scan# 2125

Delta R.T. -0.005 min

Lab File: BN028946.D

Acq: 01 Dec 2023 14:17

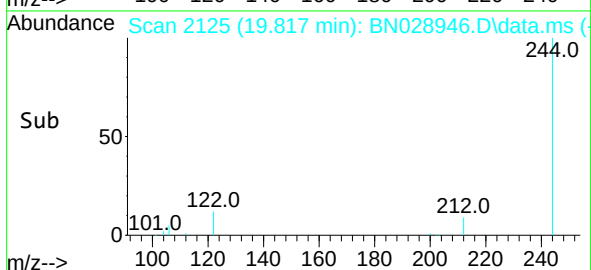
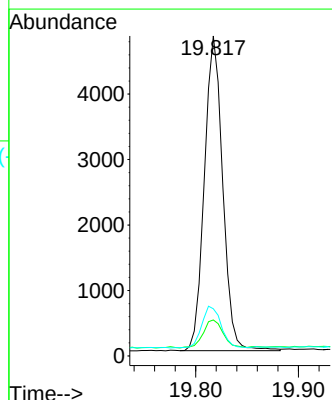
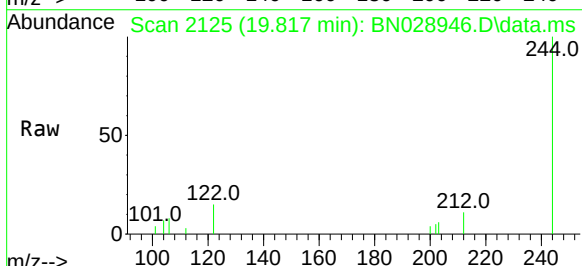
Tgt Ion:244 Resp: 5960

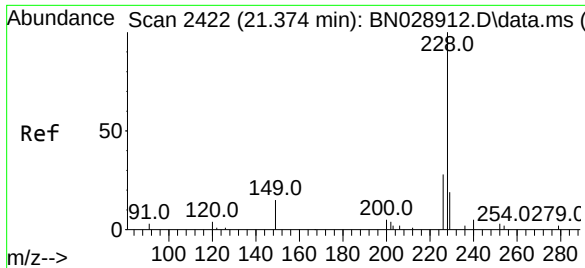
Ion Ratio Lower Upper

244 100

212 11.2 11.5 17.3#

122 14.7 13.2 19.8

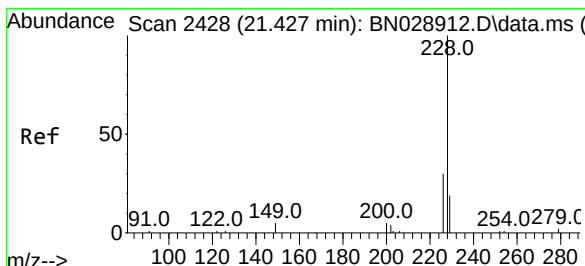
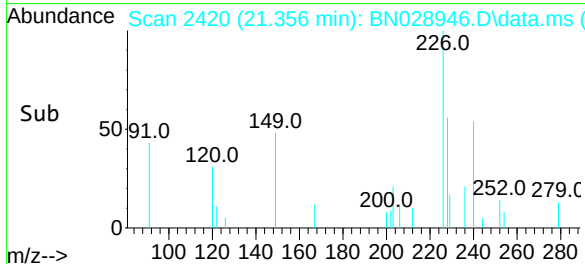
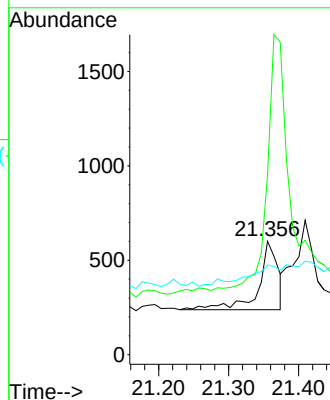
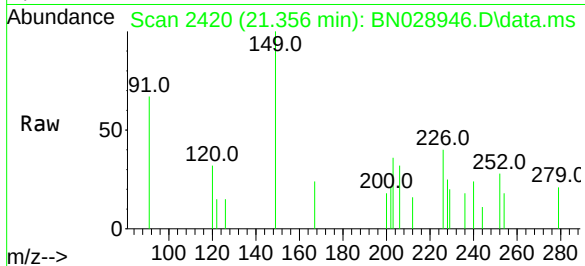




#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

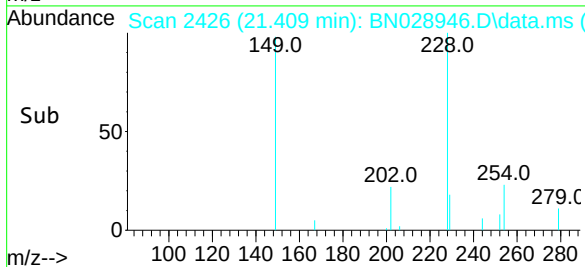
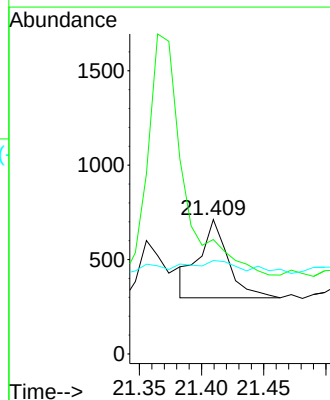
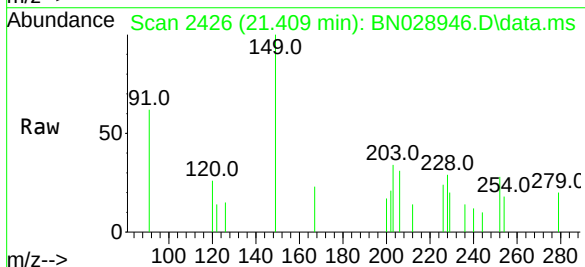
Instrument :
BNA_N
ClientSampleId :
TT14911-20231107

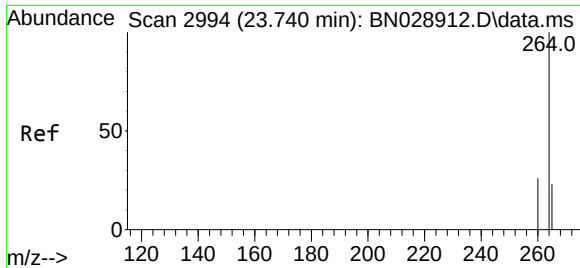
Tgt Ion:228 Resp: 698
Ion Ratio Lower Upper
228 100
226 158.7 26.5 39.7#
229 79.0 16.4 24.6#



#33
Chrysene
Concen: 0.033 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028946.D
Acq: 01 Dec 2023 14:17

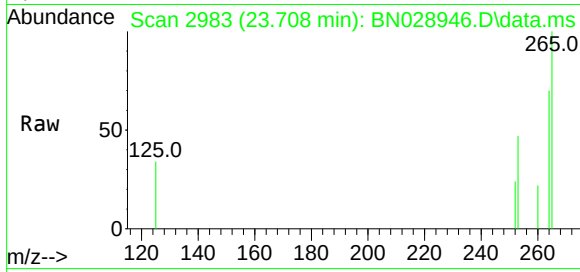
Tgt Ion:228 Resp: 674
Ion Ratio Lower Upper
228 100
226 85.1 28.3 42.5#
229 69.5 16.4 24.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.708 min Scan# 2994
 Delta R.T. -0.006 min
 Lab File: BN028946.D
 Acq: 01 Dec 2023 14:17

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20231107



Tgt Ion:264 Resp: 4721

Ion	Ratio	Lower	Upper
264	100		
260	31.3	20.6	30.8#
265	142.8	464.5	696.7#

