

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028940.D
 Acq On : 01 Dec 2023 10:42
 Operator : MA/JU
 Sample : PB157141BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157141BL

Quant Time: Dec 01 14:24:38 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)

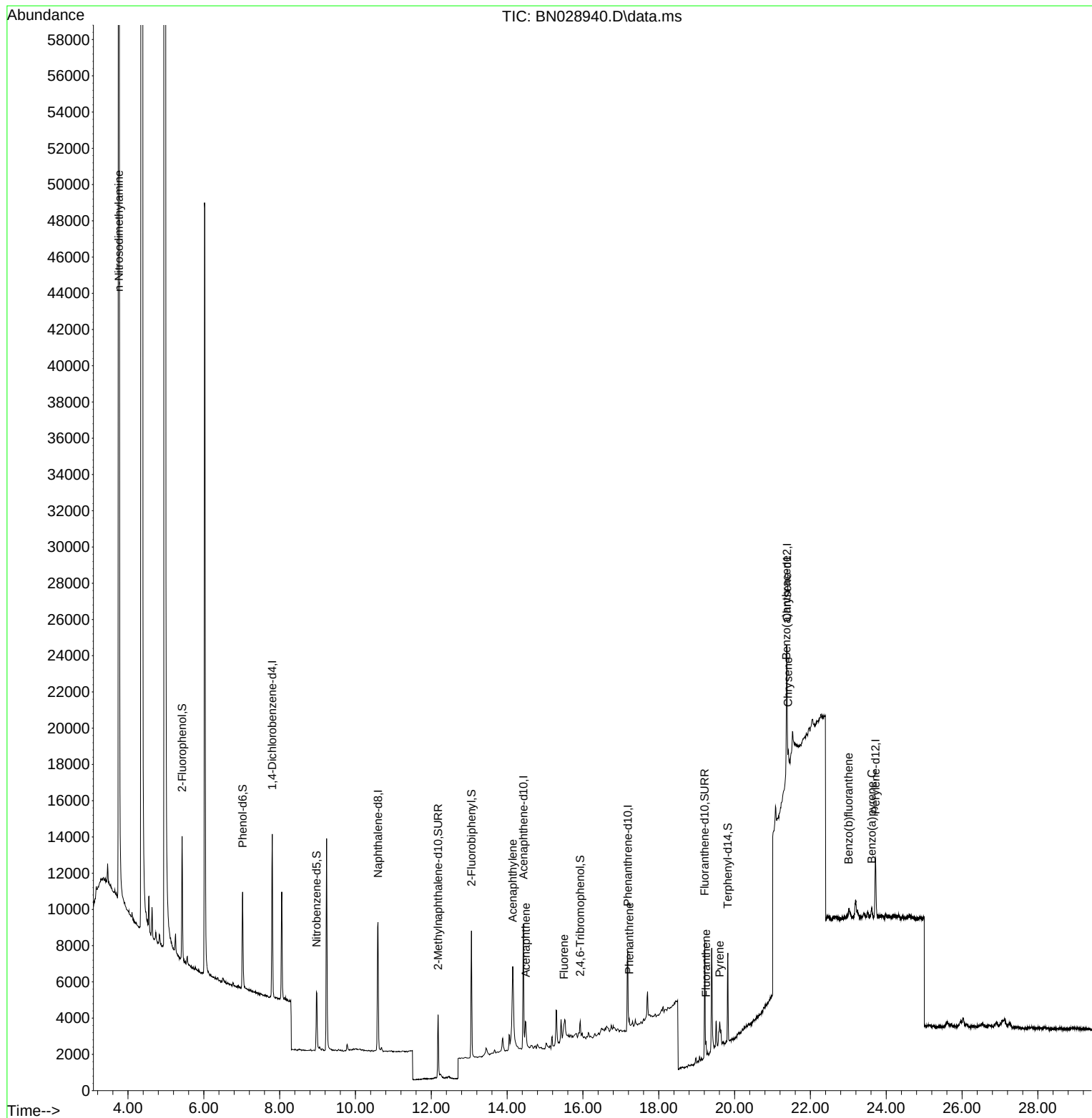
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4095	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	10080	0.400	ng	# 0.00
13) Acenaphthene-d10	14.428	164	3888	0.400	ng	0.00
19) Phenanthrene-d10	17.184	188	7061	0.400	ng	0.00
29) Chrysene-d12	21.383	240	4502	0.400	ng	# 0.00
35) Perylene-d12	23.716	264	4393	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4712	0.380	ng	-0.02
5) Phenol-d6	7.024	99	4866	0.354	ng	-0.02
8) Nitrobenzene-d5	8.971	82	3044	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	4796	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	583	0.222	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6001	0.357	ng	-0.01
27) Fluoranthene-d10	19.213	212	6948	0.374	ng	0.00
31) Terphenyl-d14	19.822	244	4955	0.391	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.759	42	14336	2.369	ng	# 18
16) Acenaphthylene	14.150	152	12440	0.604	ng	97
17) Acenaphthene	14.492	154	1353	0.099	ng	# 86
18) Fluorene	15.497	166	1516	0.088	ng	# 11
25) Phenanthrene	17.221	178	518	0.022	ng	# 63
28) Fluoranthene	19.246	202	1018	0.042	ng	95
30) Pyrene	19.608	202	1811	0.147	ng	# 72
32) Benzo(a)anthracene	21.365	228	1179	0.062	ng	# 1
33) Chrysene	21.409	228	1160	0.062	ng	# 1
37) Benzo(b)fluoranthene	23.006	252	479	0.027	ng	# 43
39) Benzo(a)pyrene	23.614	252	646	0.040	ng	# 61

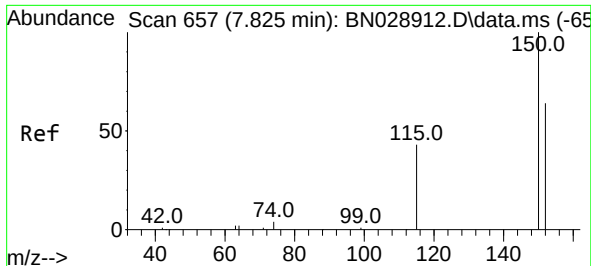
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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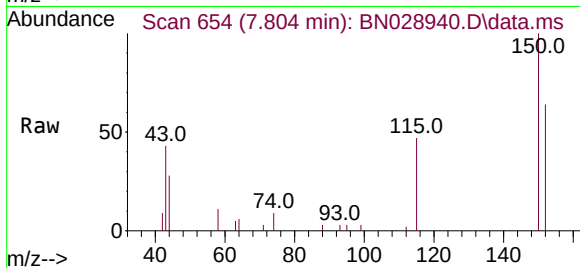
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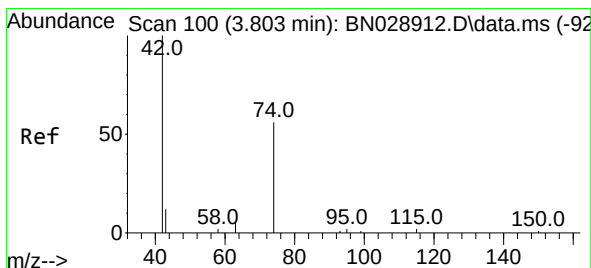
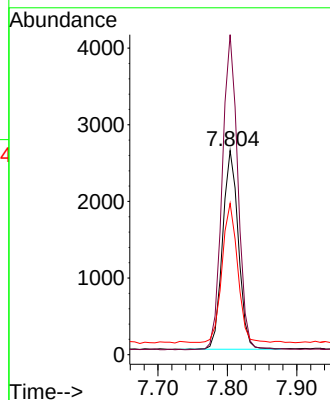
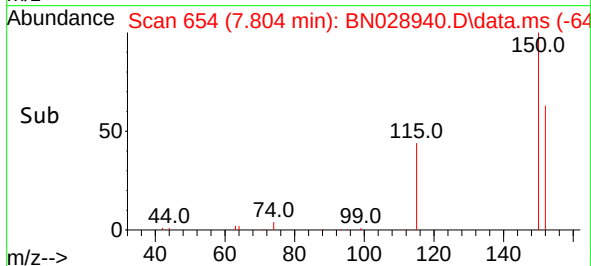


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :
PB157141BL

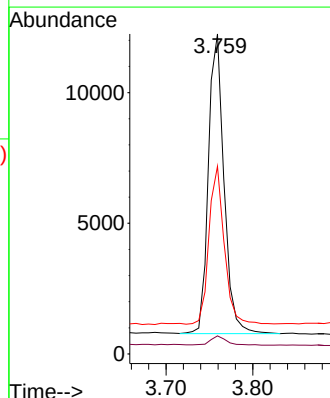
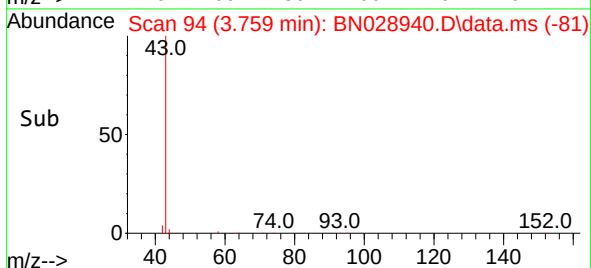
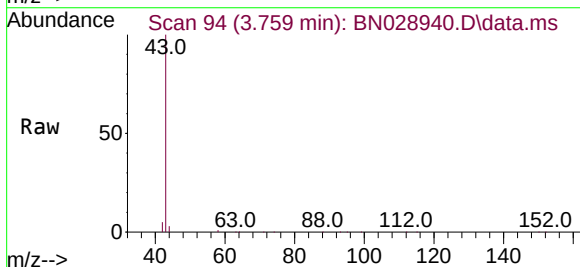


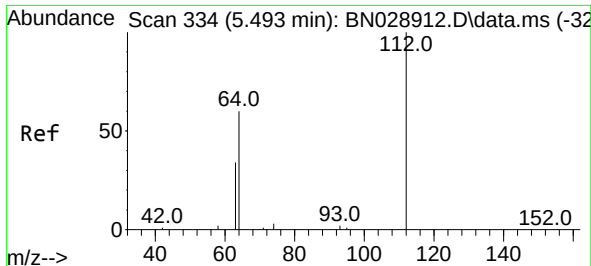
Tgt Ion:152 Resp: 4095
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 74.1 59.1 88.7



#3
n-Nitrosodimethylamine
Concen: 2.369 ng
RT: 3.759 min Scan# 94
Delta R.T. -0.007 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion: 42 Resp: 14336
Ion Ratio Lower Upper
42 100
74 3.2 57.0 85.6#
44 51.7 0.0 0.0#





#4

2-Fluorophenol

Concen: 0.380 ng

RT: 5.428 min Scan# 31

Delta R.T. -0.022 min

Lab File: BN028940.D

Acq: 01 Dec 2023 10:42

Instrument :

BNA_N

ClientSampleId :

PB157141BL

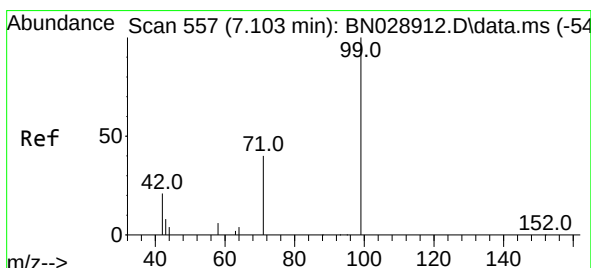
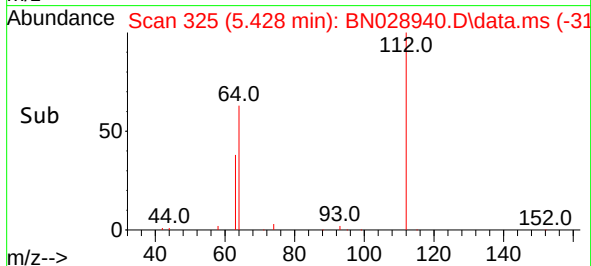
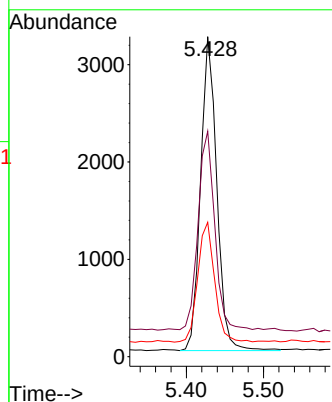
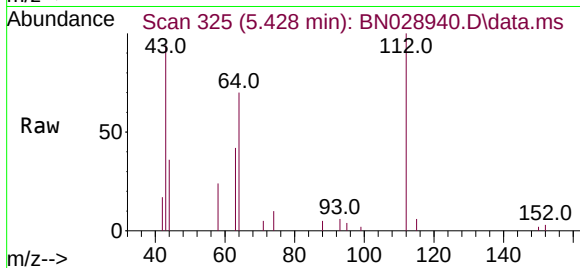
Tgt Ion:112 Resp: 4712

Ion Ratio Lower Upper

112 100

64 65.7 51.5 77.3

63 39.8 30.4 45.6



#5

Phenol-d6

Concen: 0.354 ng

RT: 7.024 min Scan# 546

Delta R.T. -0.022 min

Lab File: BN028940.D

Acq: 01 Dec 2023 10:42

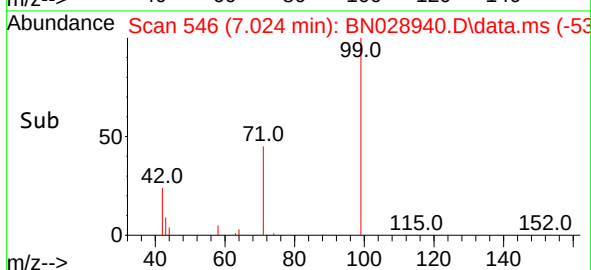
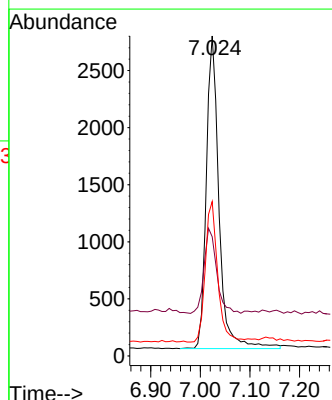
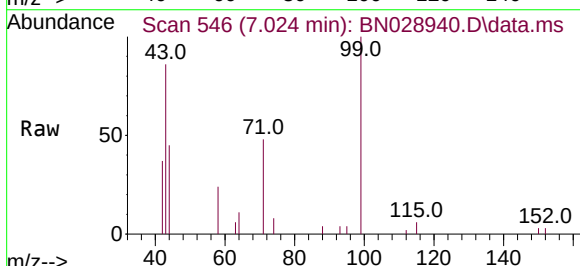
Tgt Ion: 99 Resp: 4866

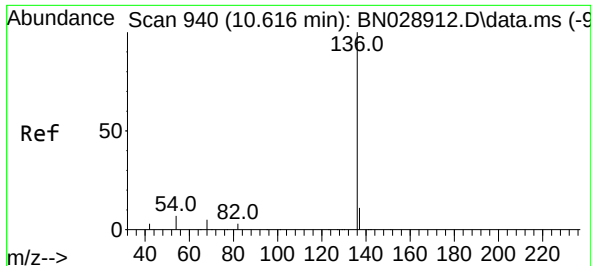
Ion Ratio Lower Upper

99 100

42 27.1 21.2 31.8

71 43.9 35.4 53.0

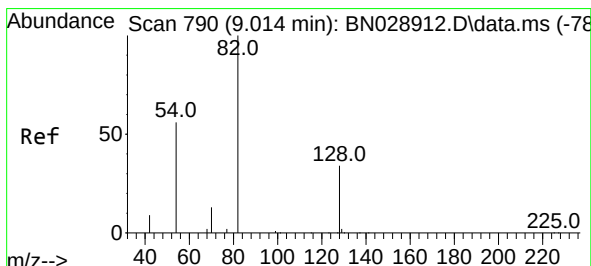
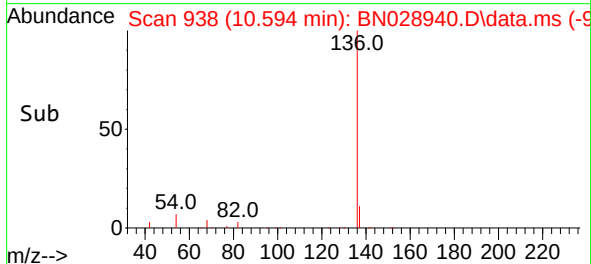
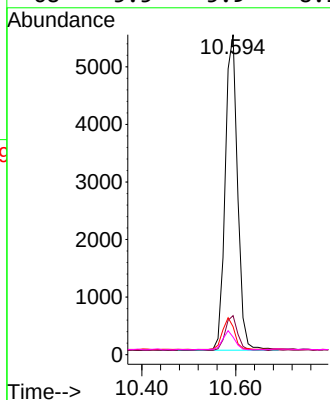
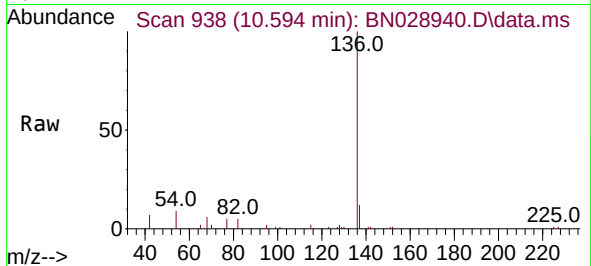




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

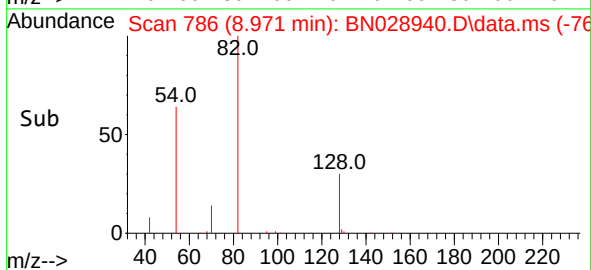
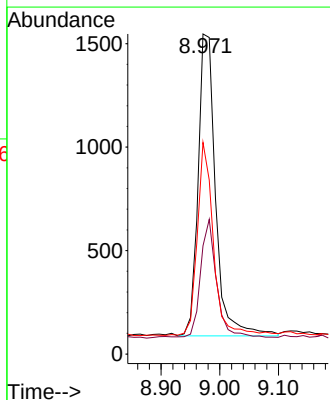
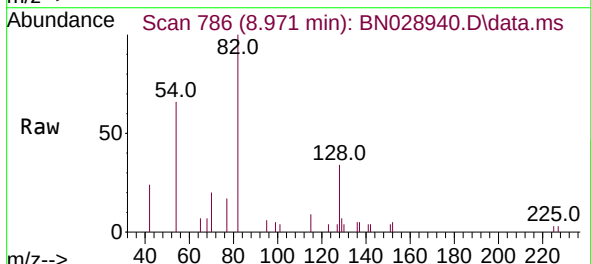
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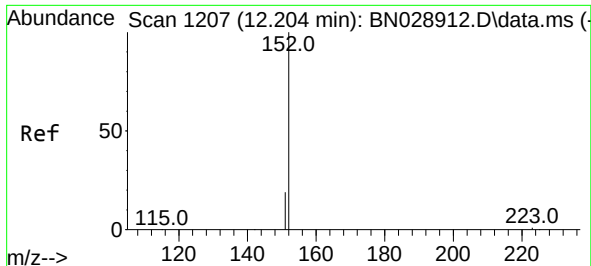
Tgt Ion:	136	Resp:	10080
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.6	16.0
54	8.7	7.5	11.3
68	5.5	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:	82	Resp:	3044
Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.2	43.8
54	66.1	47.0	70.6

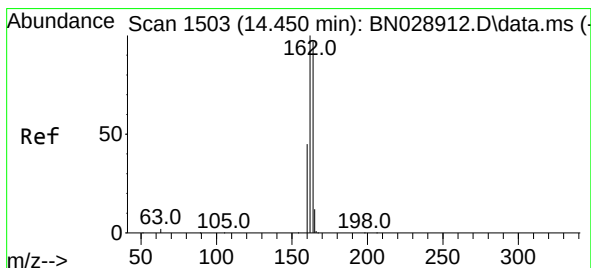
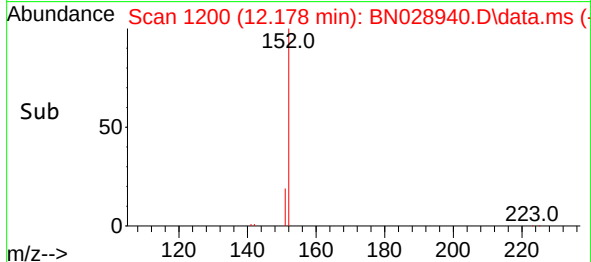
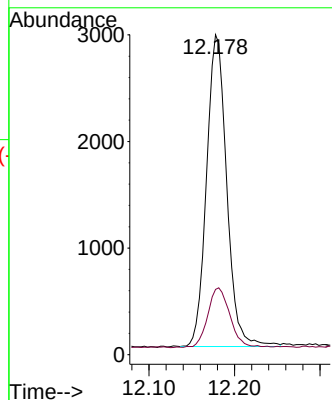
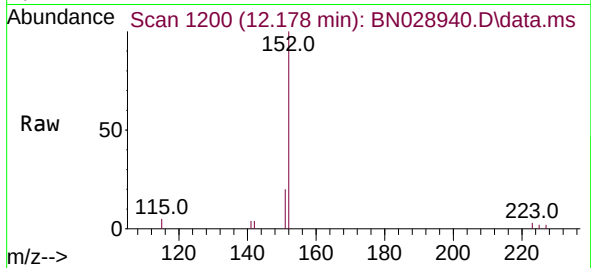




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.178 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

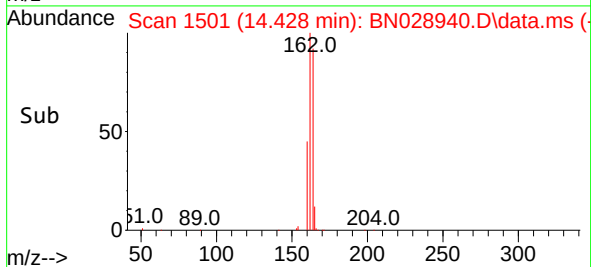
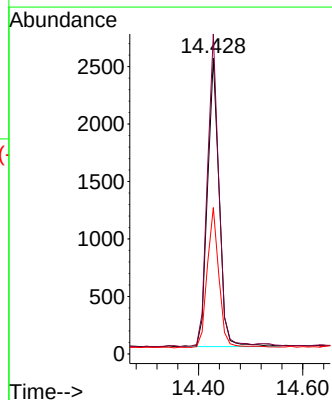
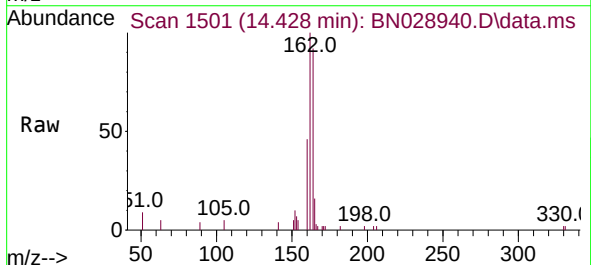
Instrument :
BNA_N
ClientSampleId :
PB157141BL

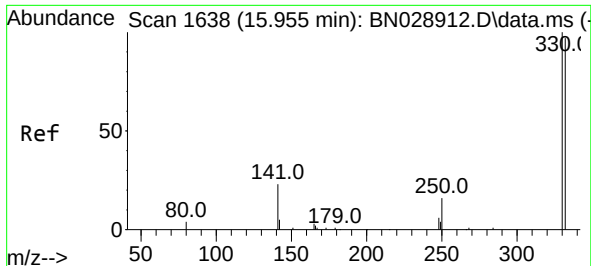
Tgt Ion:152 Resp: 4796
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

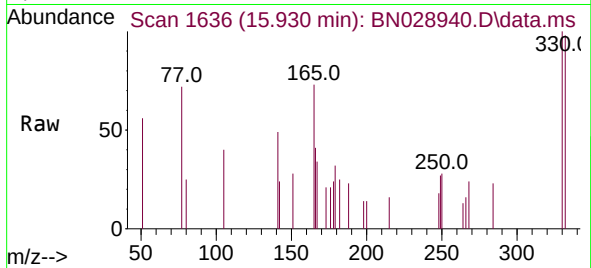
Tgt Ion:164 Resp: 3888
Ion Ratio Lower Upper
164 100
162 108.2 81.7 122.5
160 49.5 37.0 55.6



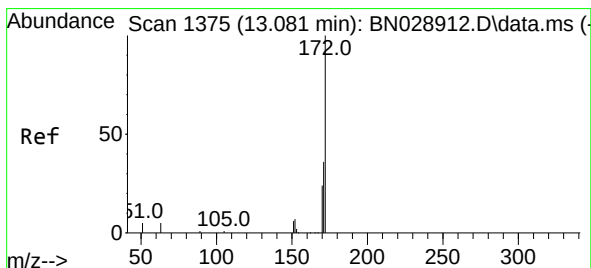
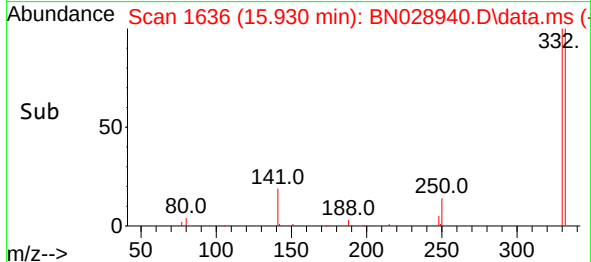
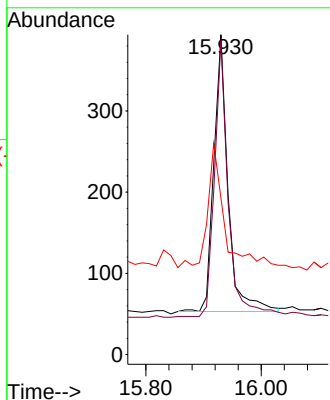


#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.930 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :
PB157141BL

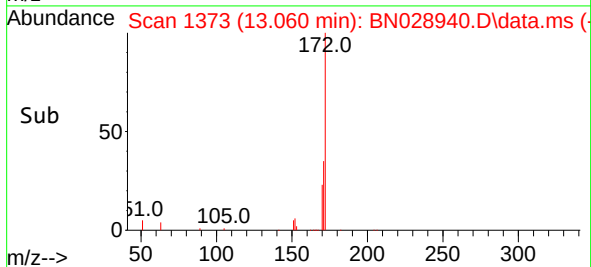
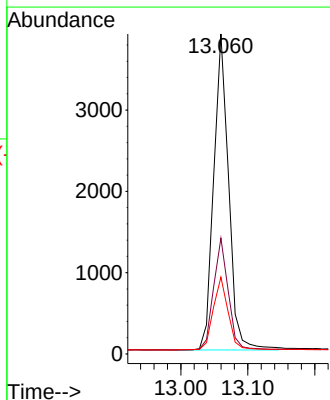
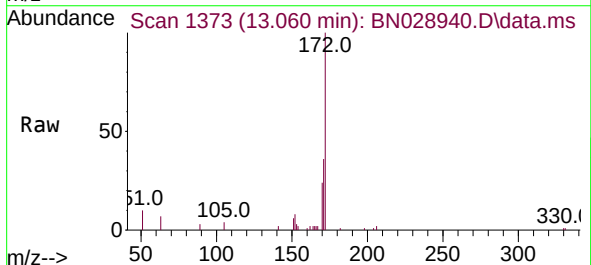


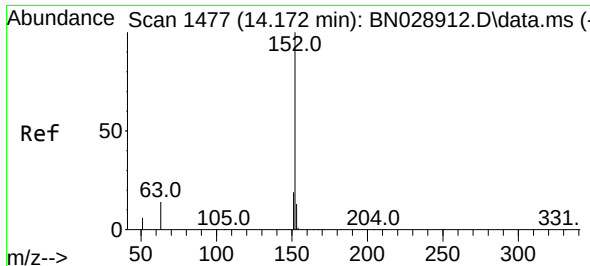
Tgt Ion:330 Resp: 583
Ion Ratio Lower Upper
330 100
332 95.4 75.4 113.2
141 45.8 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:172 Resp: 6001
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.0 19.7 29.5

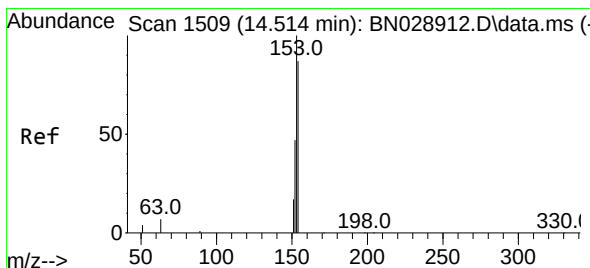
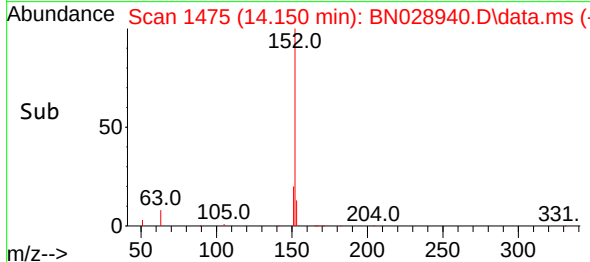
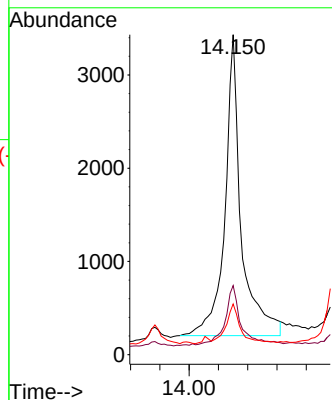
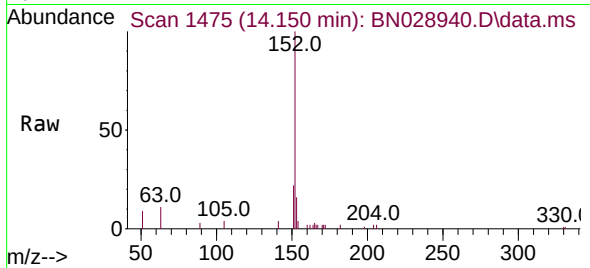




#16
Acenaphthylene
Concen: 0.604 ng
RT: 14.150 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

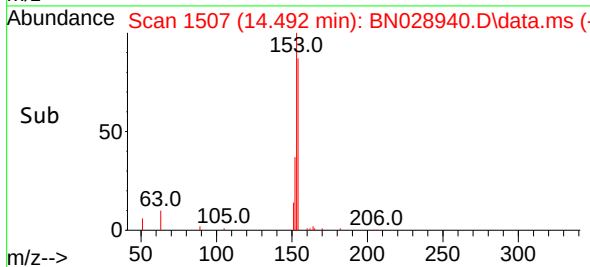
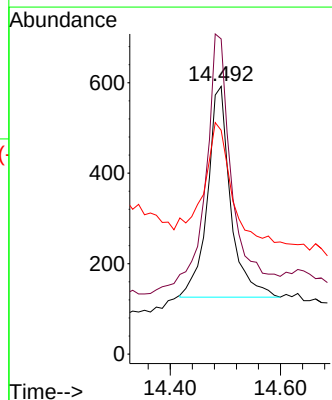
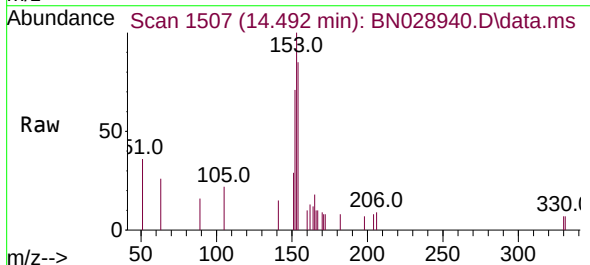
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BNA_N
ClientSampleId :
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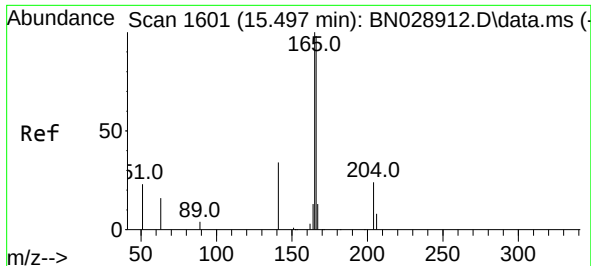
Tgt Ion:152 Resp: 12440
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 11.1 10.8 16.2



#17
Acenaphthene
Concen: 0.099 ng
RT: 14.492 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:154 Resp: 1353
Ion Ratio Lower Upper
154 100
153 111.3 93.8 140.6
152 79.1 44.5 66.7#

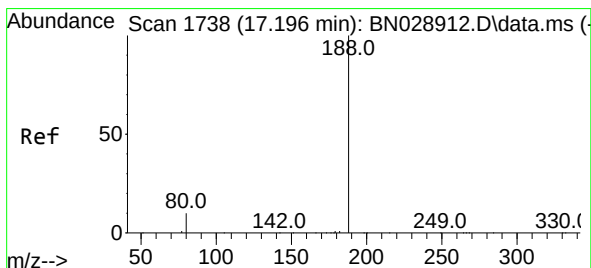
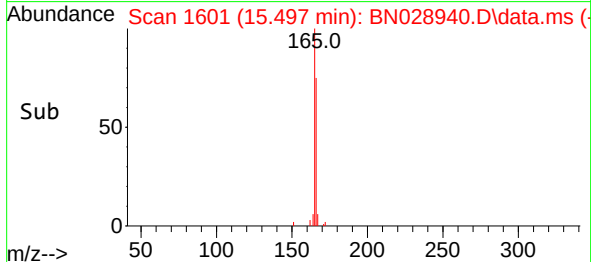
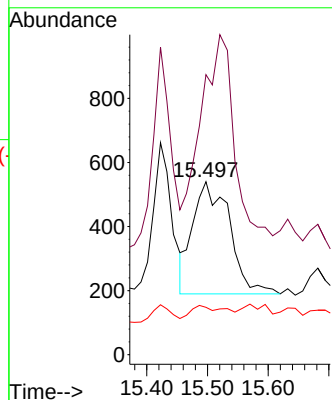
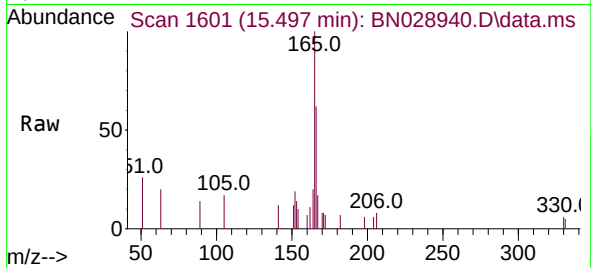




#18
Fluorene
Concen: 0.088 ng
RT: 15.497 min Scan# 1601
Delta R.T. 0.011 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

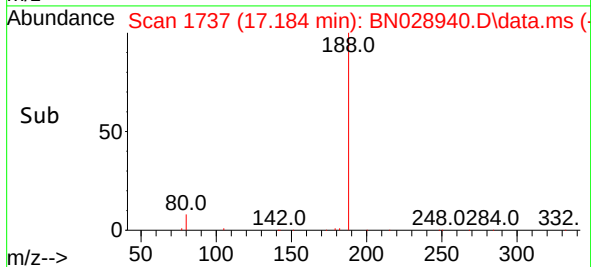
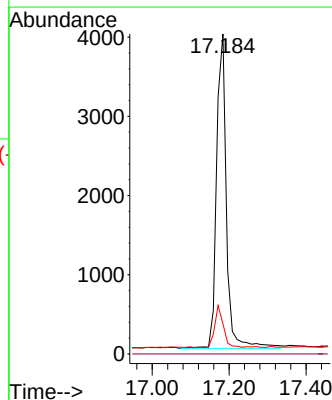
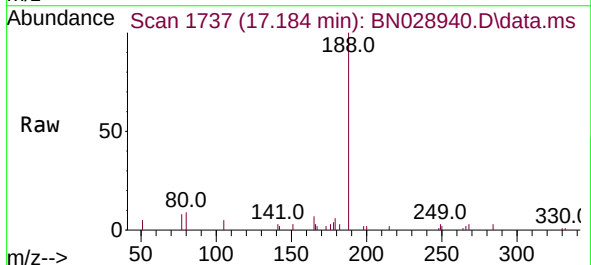
Instrument :
BNA_N
ClientSampleId :
PB157141BL

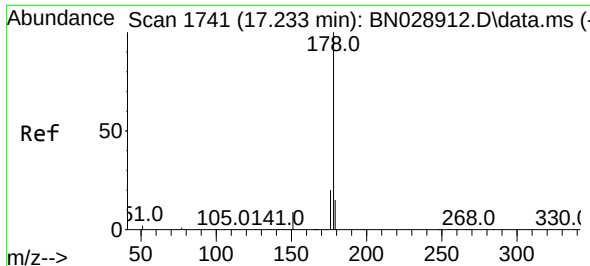
Tgt Ion:166 Resp: 1516
Ion Ratio Lower Upper
166 100
165 0.0 79.4 119.2#
167 10.5 11.0 16.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.184 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:188 Resp: 7061
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 9.0 13.6

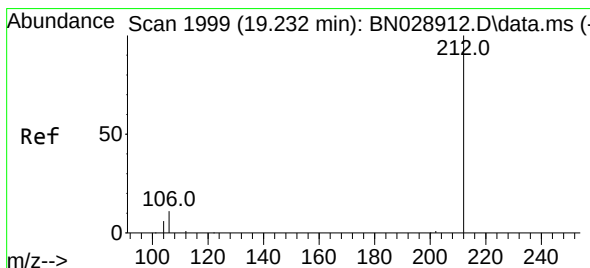
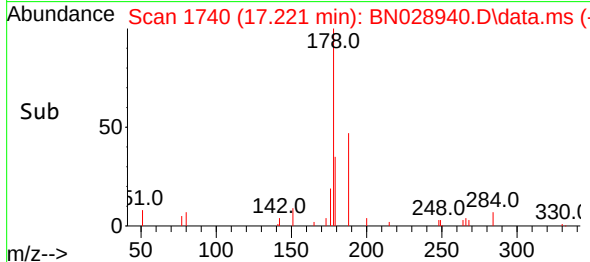
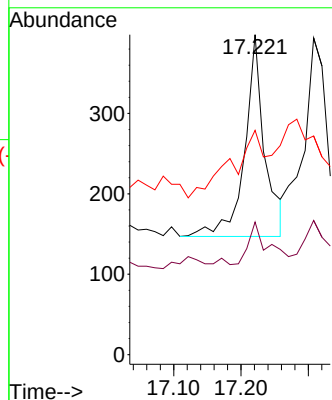
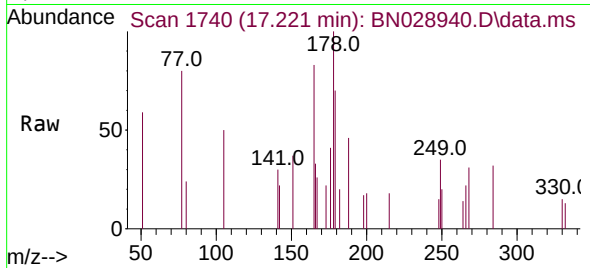




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.221 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

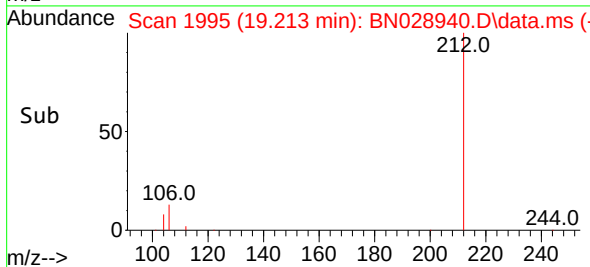
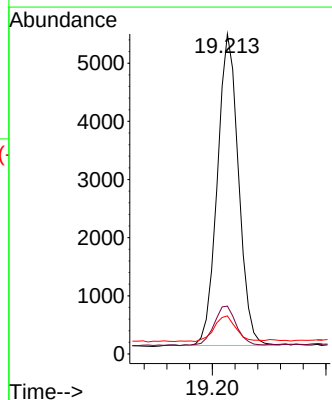
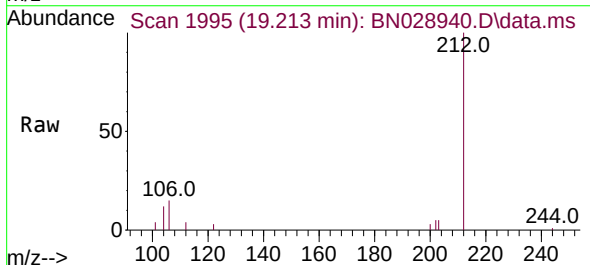
Instrument :
BNA_N
ClientSampleId :
PB157141BL

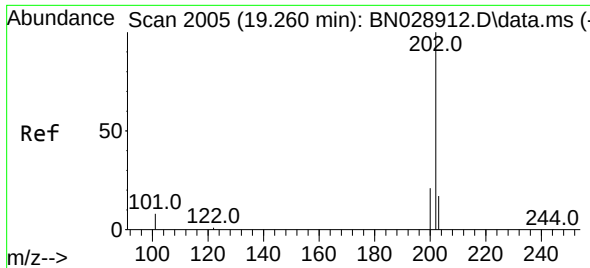
Tgt Ion:178 Resp: 518
Ion Ratio Lower Upper
178 100
176 21.0 16.4 24.6
179 52.5 14.1 21.1#



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.213 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:212 Resp: 6948
Ion Ratio Lower Upper
212 100
106 13.5 9.4 14.2
104 8.5 6.2 9.2

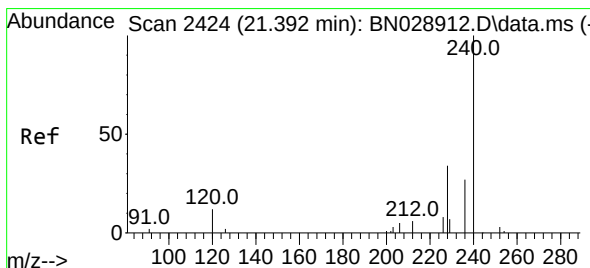
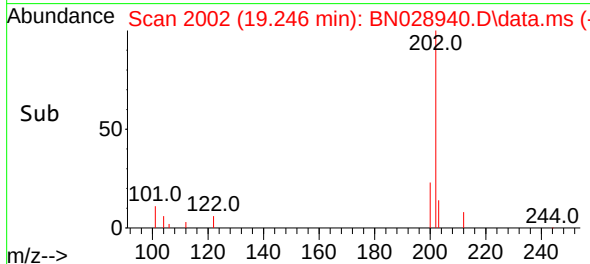
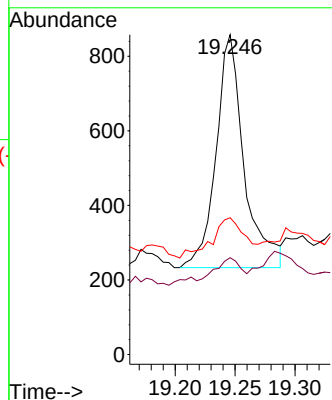
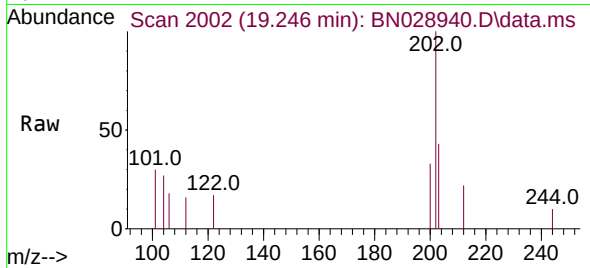




#28
Fluoranthene
Concen: 0.042 ng
RT: 19.246 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

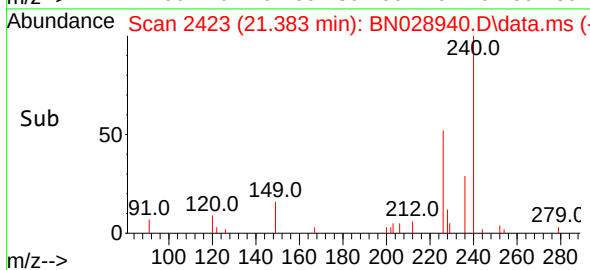
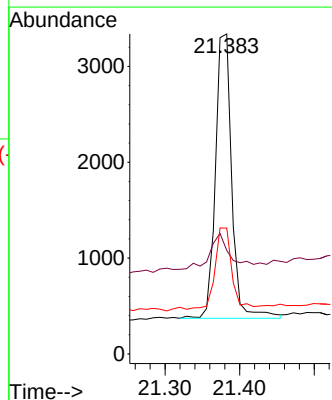
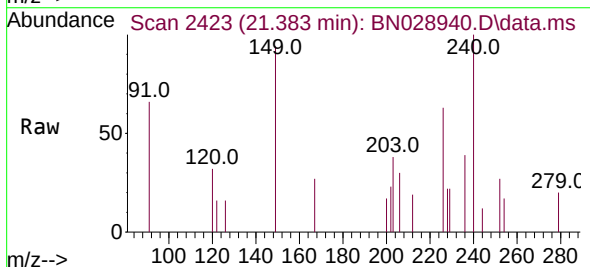
Instrument :
BNA_N
ClientSampleId :
PB157141BL

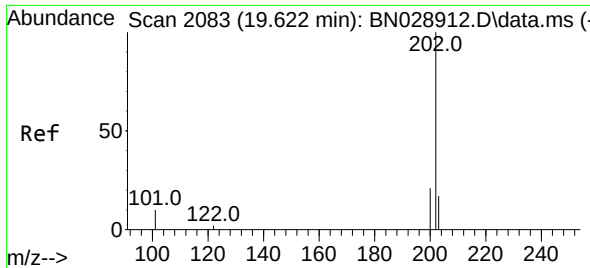
Tgt Ion:202 Resp: 1018
Ion Ratio Lower Upper
202 100
101 8.3 7.3 10.9
203 20.5 14.1 21.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.383 min Scan# 2423
Delta R.T. 0.009 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:240 Resp: 4502
Ion Ratio Lower Upper
240 100
120 32.4 37.1 55.7#
236 39.4 32.4 48.6

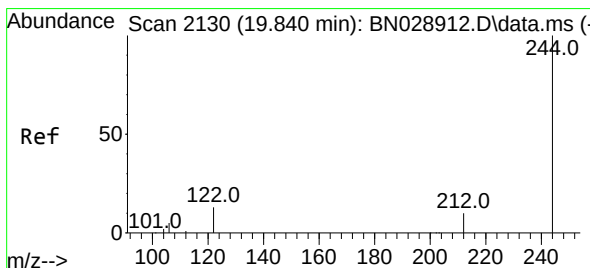
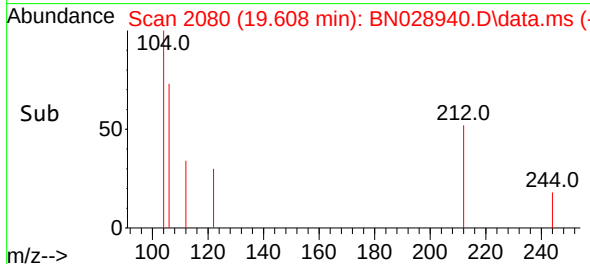
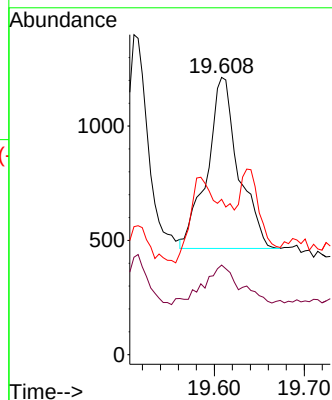
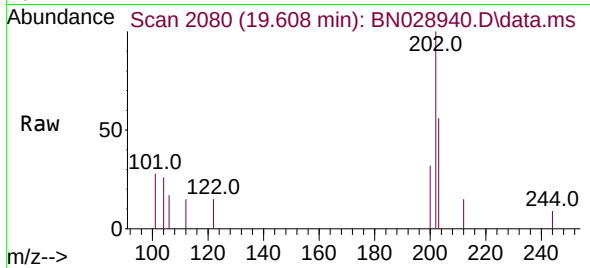




#30
 Pyrene
 Concen: 0.147 ng
 RT: 19.608 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: BN028940.D
 Acq: 01 Dec 2023 10:42

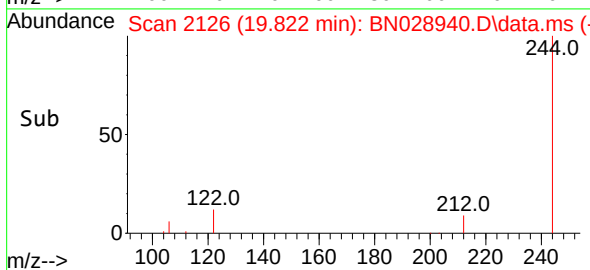
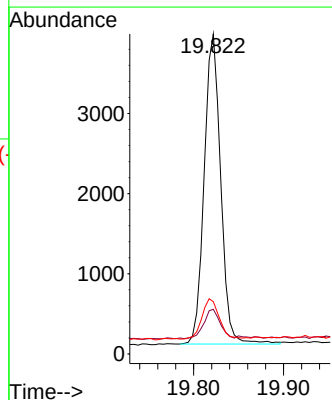
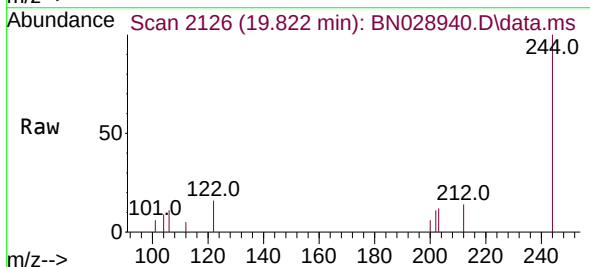
Instrument :
 BNA_N
 ClientSampleId :
 PB157141BL

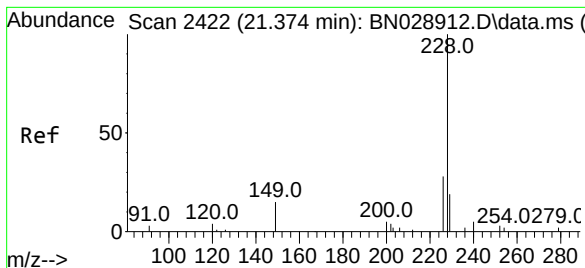
Tgt Ion:202 Resp: 1811
 Ion Ratio Lower Upper
 202 100
 200 29.0 16.9 25.3#
 203 0.0 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.822 min Scan# 2126
 Delta R.T. -0.000 min
 Lab File: BN028940.D
 Acq: 01 Dec 2023 10:42

Tgt Ion:244 Resp: 4955
 Ion Ratio Lower Upper
 244 100
 212 13.9 11.5 17.3
 122 16.4 13.2 19.8





#32

Benzo(a)anthracene

Concen: 0.062 ng

RT: 21.365 min Scan# 2421

Delta R.T. 0.009 min

Lab File: BN028940.D

Acq: 01 Dec 2023 10:42

Instrument :

BNA_N

ClientSampleId :

PB157141BL

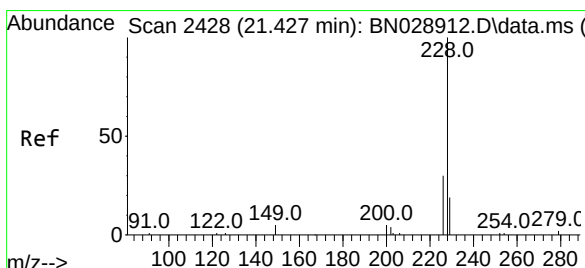
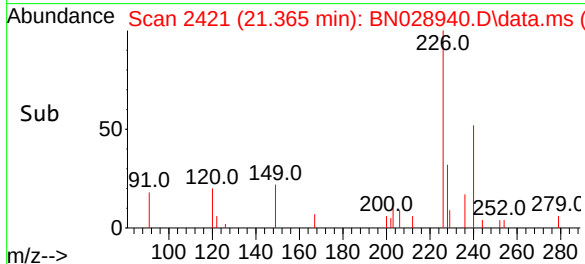
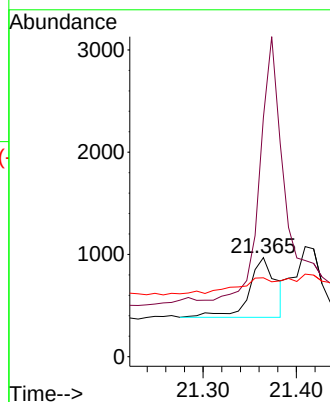
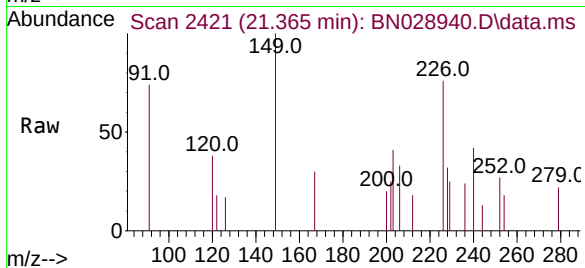
Tgt Ion:228 Resp: 1179

Ion Ratio Lower Upper

228 100

226 241.5 26.5 39.7#

229 79.7 16.4 24.6#



#33

Chrysene

Concen: 0.062 ng

RT: 21.409 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BN028940.D

Acq: 01 Dec 2023 10:42

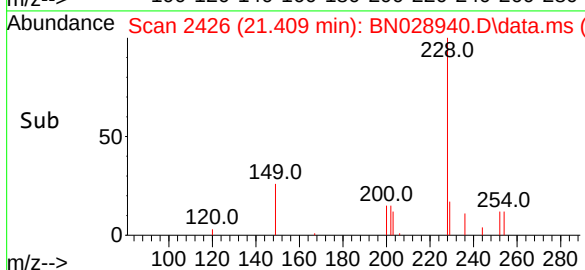
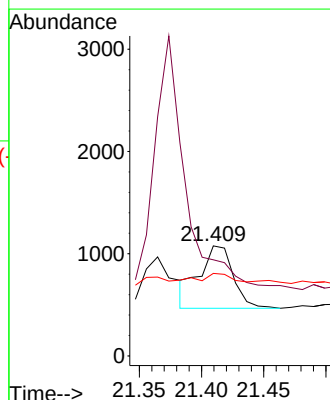
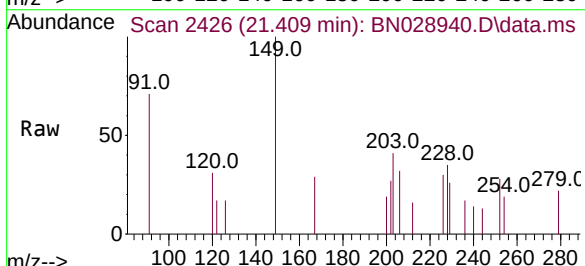
Tgt Ion:228 Resp: 1160

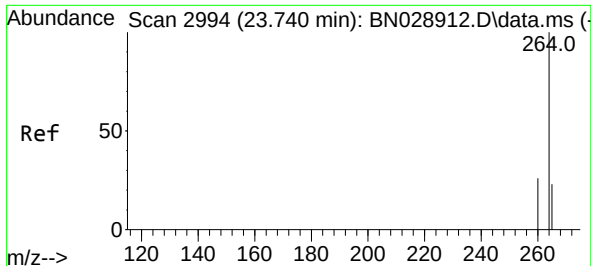
Ion Ratio Lower Upper

228 100

226 87.4 28.3 42.5#

229 74.9 16.4 24.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.716 min Scan# 24

Delta R.T. 0.003 min

Lab File: BN028940.D

Acq: 01 Dec 2023 10:42

Instrument :

BNA_N

ClientSampleId :

PB157141BL

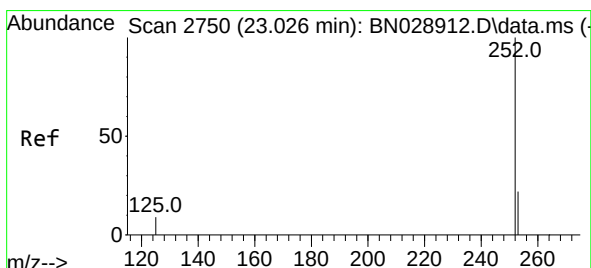
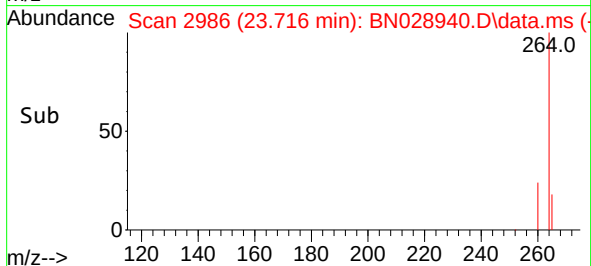
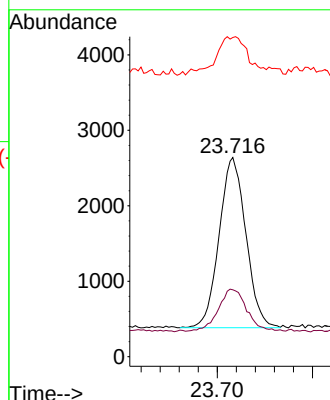
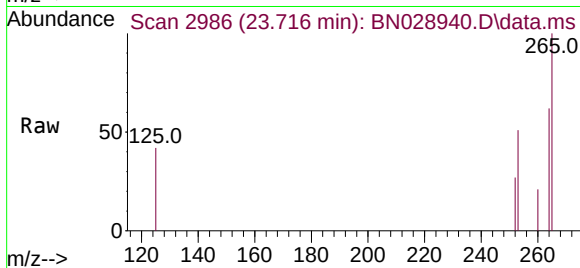
Tgt Ion:264 Resp: 4393

Ion Ratio Lower Upper

264 100

260 33.6 20.6 30.8#

265 160.2 464.5 696.7#



#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 23.006 min Scan# 2743

Delta R.T. 0.003 min

Lab File: BN028940.D

Acq: 01 Dec 2023 10:42

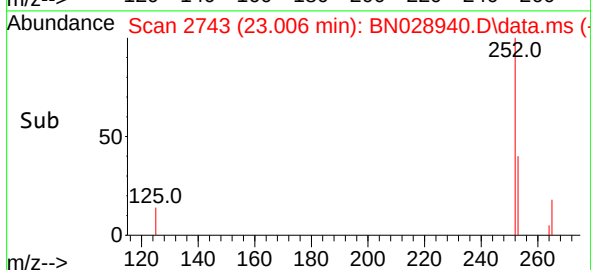
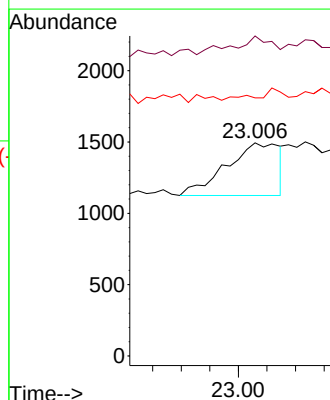
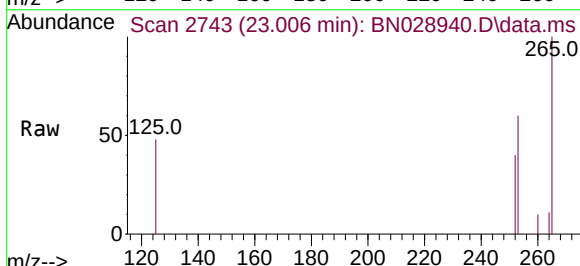
Tgt Ion:252 Resp: 479

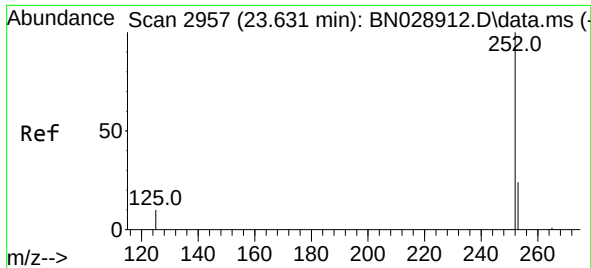
Ion Ratio Lower Upper

252 100

253 150.1 94.5 141.7#

125 121.1 23.8 35.8#





#39

Benzo(a)pyrene

Concen: 0.040 ng

RT: 23.614 min Scan# 2951

Delta R.T. 0.009 min

Lab File: BN028940.D

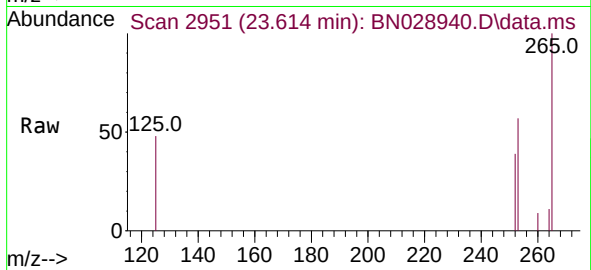
Acq: 01 Dec 2023 10:42

Instrument :

BNA_N

ClientSampleId :

PB157141BL



Tgt Ion:252 Resp: 646

Ion Ratio Lower Upper

252 100

253 148.5 110.2 165.4

125 125.8 27.0 40.4#

