

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028952.D
 Acq On : 01 Dec 2023 18:11
 Operator : MA/JU
 Sample : PB157090BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157090BL

Quant Time: Dec 01 23:15:33 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 23:11:55 2023
 Response via : Initial Calibration

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

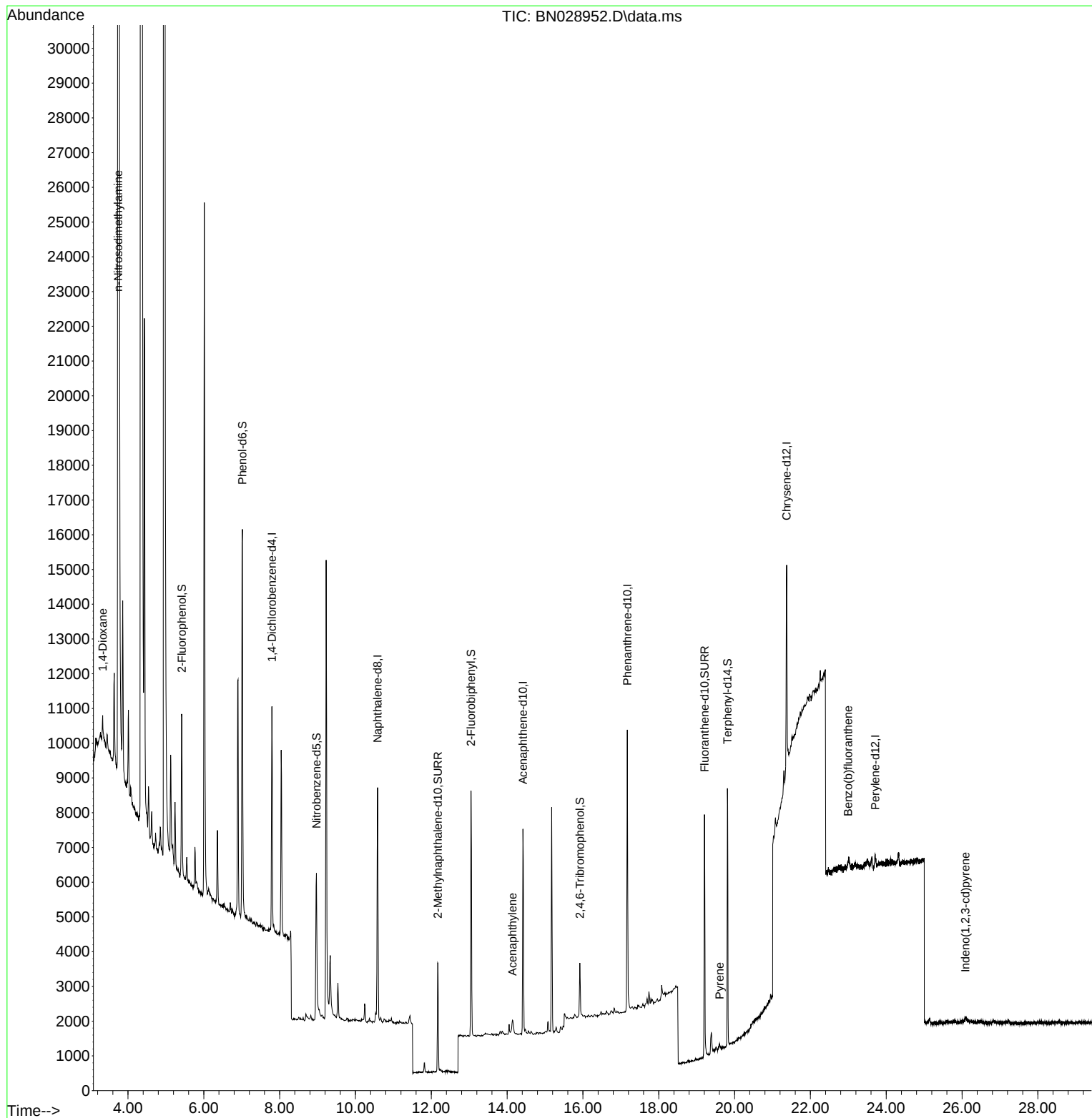
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2873	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	8666	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	3382	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10320	0.400	ng	0.00
29) Chrysene-d12	21.374	240	5552	0.400	ng	# 0.00
35) Perylene-d12	23.708	264	494	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	3237	0.372	ng	0.00
5) Phenol-d6	7.017	99	3317	0.344	ng	0.00
8) Nitrobenzene-d5	8.971	82	2714	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	4325	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	911	0.399	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5928	0.406	ng	0.00
27) Fluoranthene-d10	19.209	212	7964	0.293	ng	0.00
31) Terphenyl-d14	19.813	244	6955	0.425	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.333	88	286	0.102	ng	# 1
3) n-Nitrosodimethylamine	3.745	42	40137	9.179	ng	# 17
16) Acenaphthylene	14.140	152	1065	0.059	ng	97
30) Pyrene	19.603	202	232	0.100	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.302	149	873	Below Cal		# 86
36) Indeno(1,2,3-cd)pyrene	26.090	276	48	0.022	ng	# 87
37) Benzo(b)fluoranthene	22.997	252	139	0.069	ng	# 32

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

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Quant Time: Dec 01 23:15:33 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 23:11:55 2023
Response via : Initial Calibration

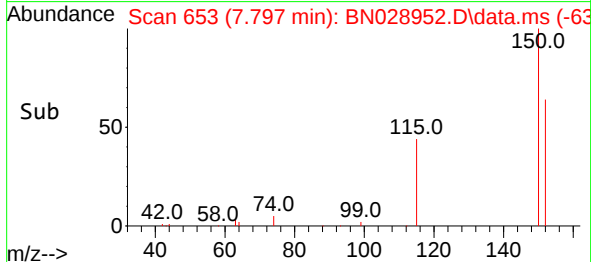
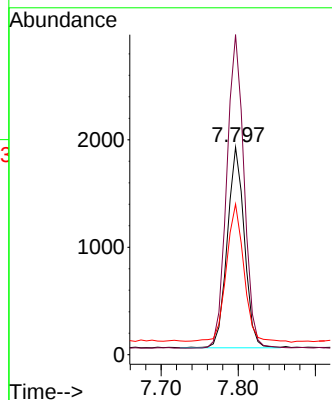
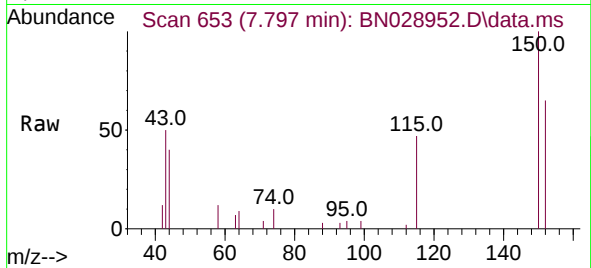




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028952.D
 Acq: 01 Dec 2023 18:11

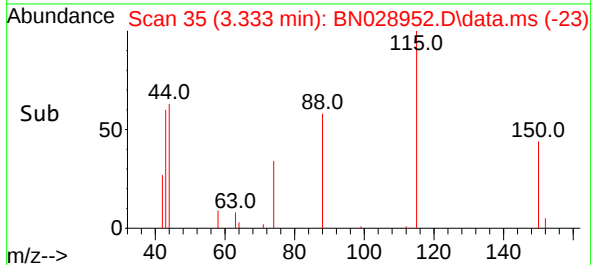
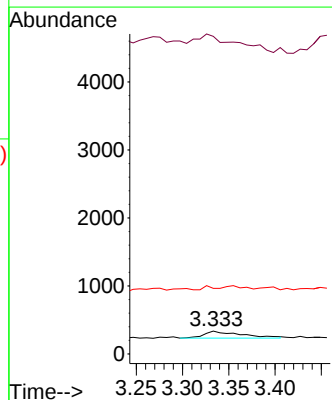
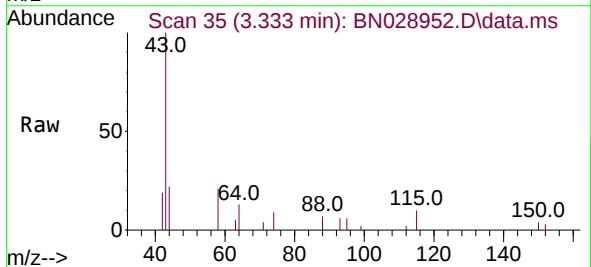
Instrument :
 BNA_N
 ClientSampleId :
 PB157090BL

Tgt Ion: 152 Resp: 2873
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.4 185.2
 115 72.6 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.102 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028952.D
 Acq: 01 Dec 2023 18:11

Tgt Ion: 88 Resp: 286
 Ion Ratio Lower Upper
 88 100
 43 281.8 29.9 44.9#
 58 17.5 55.0 82.4#

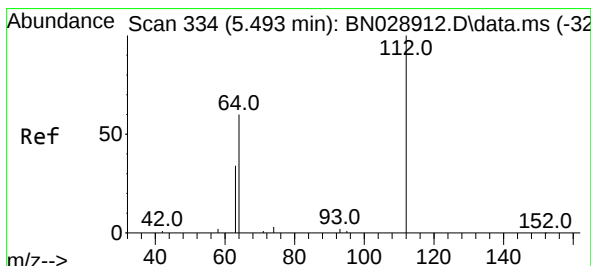
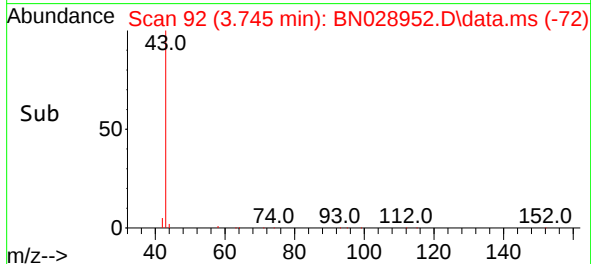
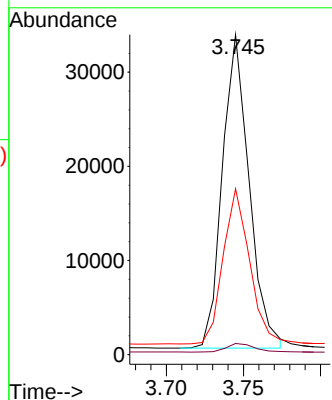
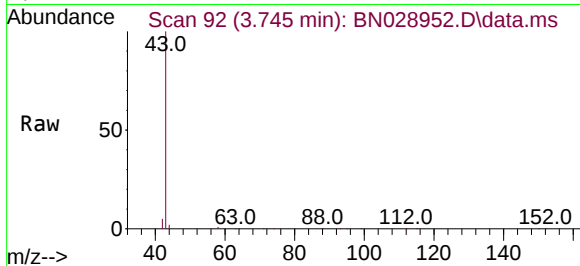




#3
n-Nitrosodimethylamine
Concen: 9.179 ng
RT: 3.745 min Scan# 91
Delta R.T. 0.043 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

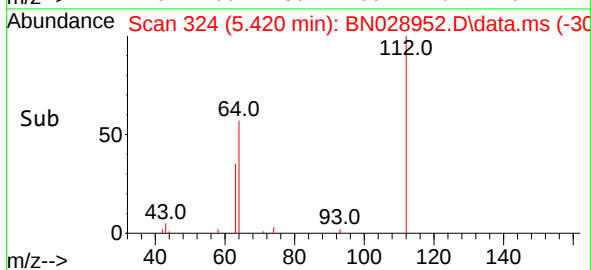
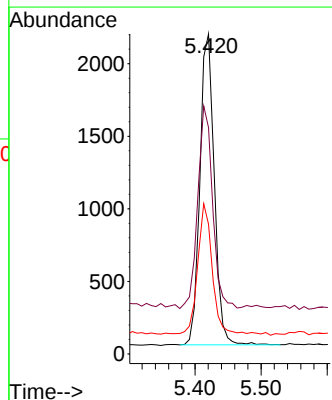
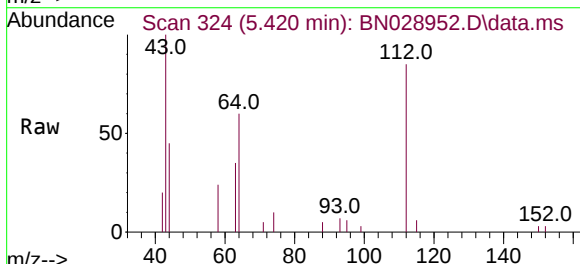
Instrument :
BNA_N
ClientSampleId :
PB157090BL

Tgt Ion: 42 Resp: 40137
Ion Ratio Lower Upper
42 100
74 2.9 57.0 85.6#
44 49.2 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.420 min Scan# 324
Delta R.T. 0.007 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion: 112 Resp: 3237
Ion Ratio Lower Upper
112 100
64 67.4 51.5 77.3
63 44.4 30.4 45.6

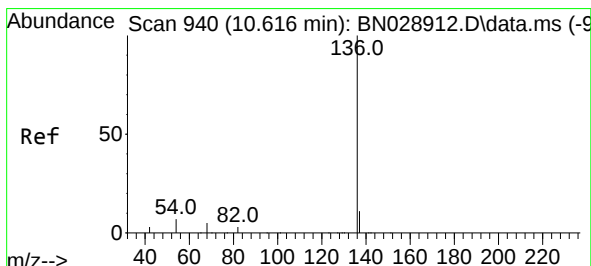
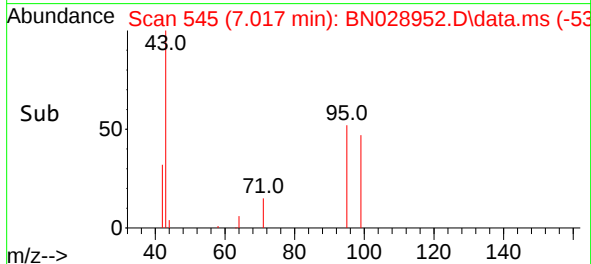
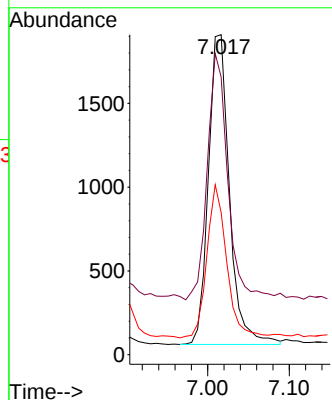
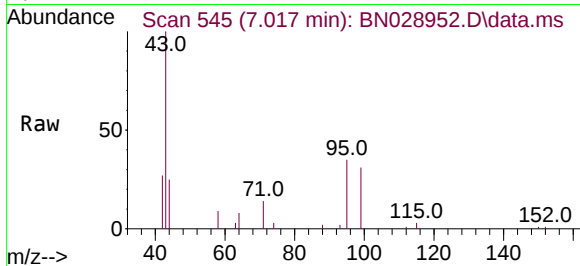




#5
Phenol-d6
Concen: 0.344 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

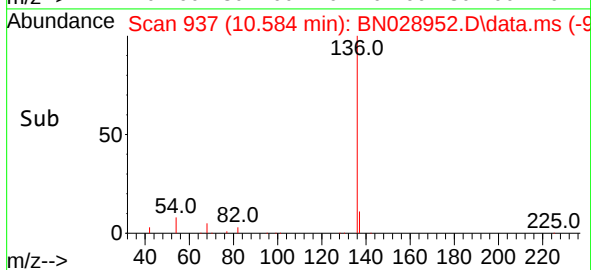
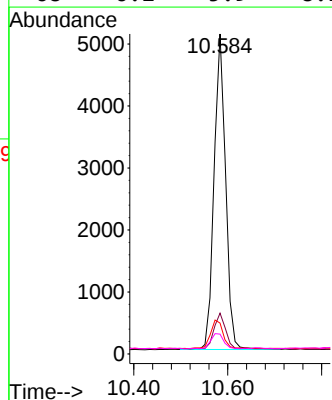
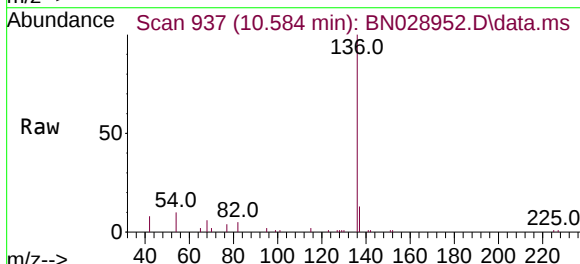
Instrument :
BNA_N
ClientSampleId :
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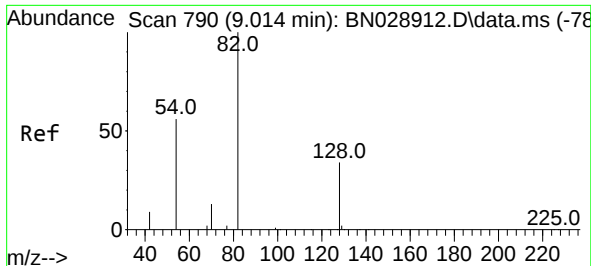
Tgt Ion: 99 Resp: 3317
Ion Ratio Lower Upper
99 100
42 78.4 21.2 31.8#
71 46.4 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion: 136 Resp: 8666
Ion Ratio Lower Upper
136 100
137 12.7 10.6 16.0
54 9.7 7.5 11.3
68 6.2 5.9 8.9

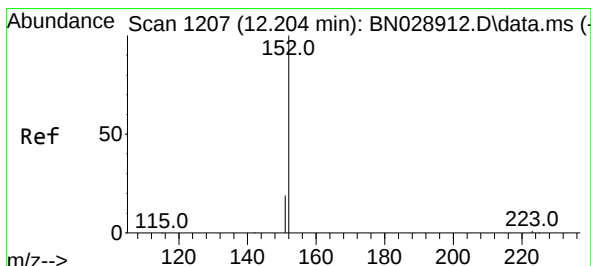
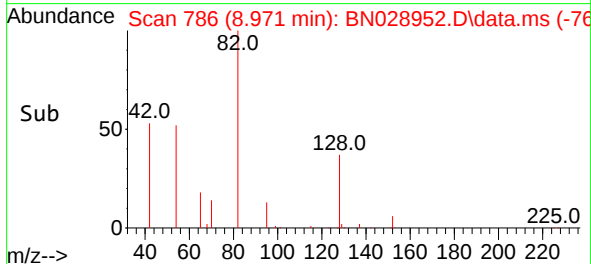
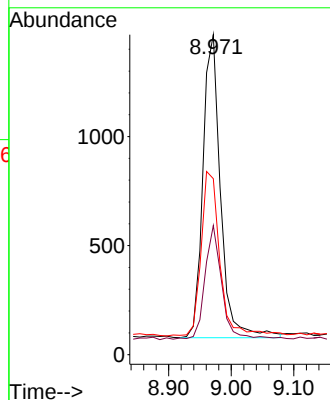
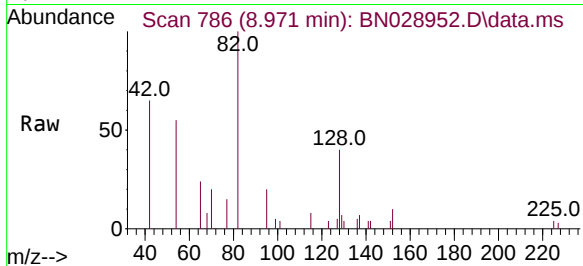




#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

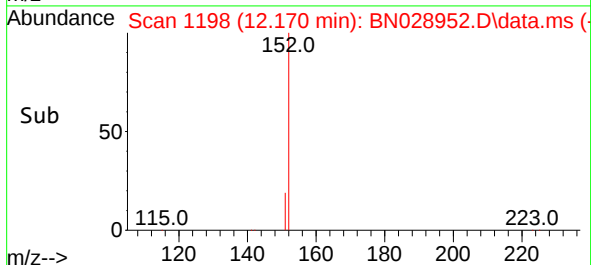
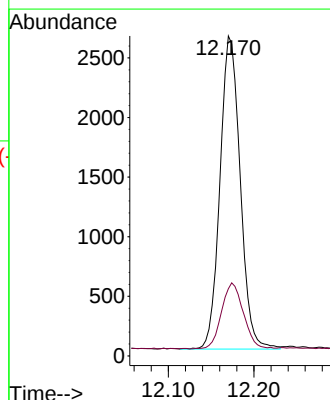
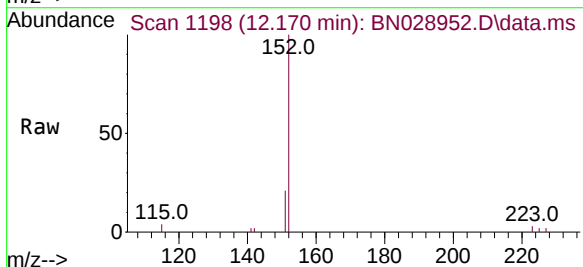
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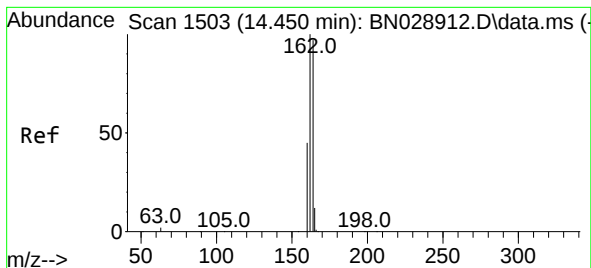
Tgt Ion: 82 Resp: 2714
Ion Ratio Lower Upper
82 100
128 40.4 29.2 43.8
54 55.0 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.170 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion: 152 Resp: 4325
Ion Ratio Lower Upper
152 100
151 22.8 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.418 min Scan# 1500

Delta R.T. -0.000 min

Lab File: BN028952.D

Acq: 01 Dec 2023 18:11

Instrument :

BNA_N

ClientSampleId :

PB157090BL

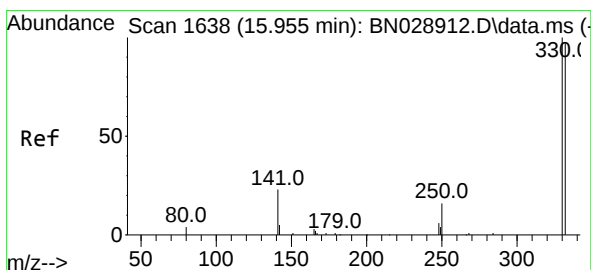
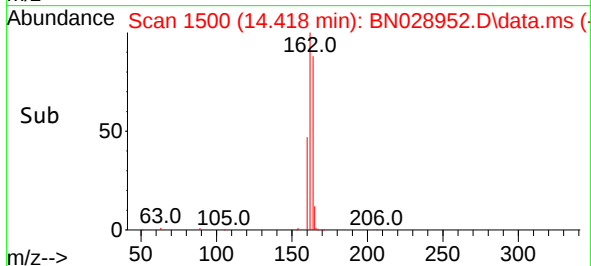
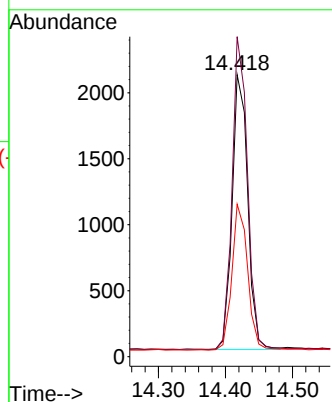
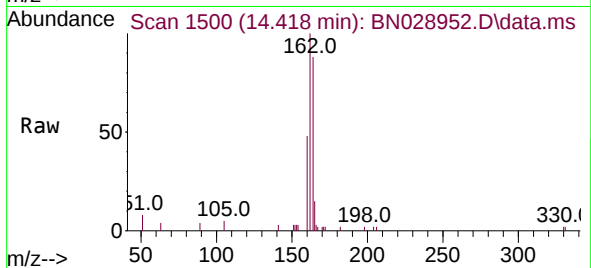
Tgt Ion:164 Resp: 3382

Ion Ratio Lower Upper

164 100

162 113.5 81.7 122.5

160 54.1 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.399 ng

RT: 15.918 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN028952.D

Acq: 01 Dec 2023 18:11

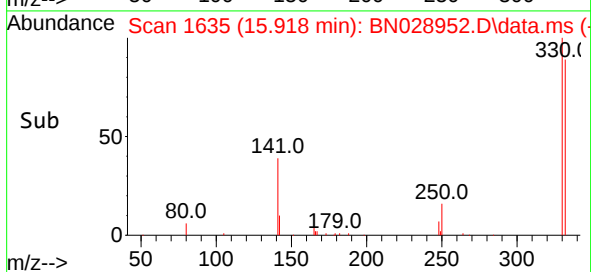
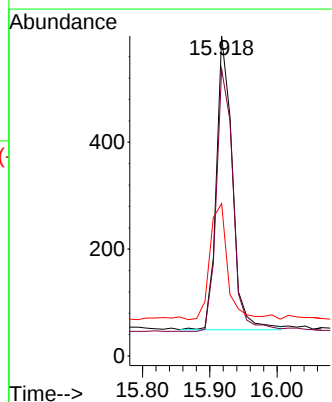
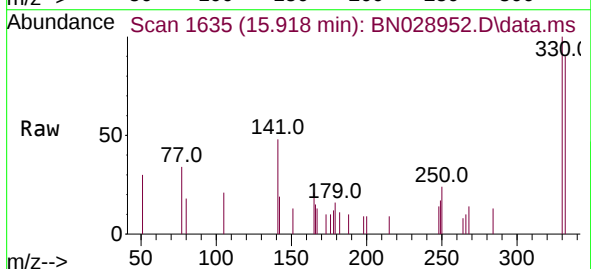
Tgt Ion:330 Resp: 911

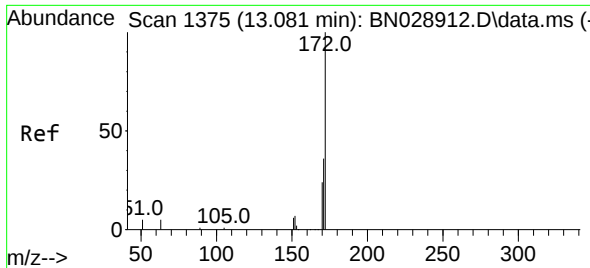
Ion Ratio Lower Upper

330 100

332 93.6 75.4 113.2

141 44.3 35.7 53.5

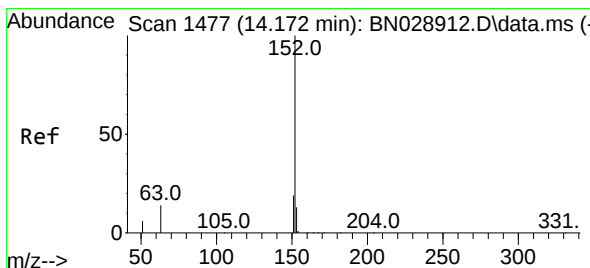
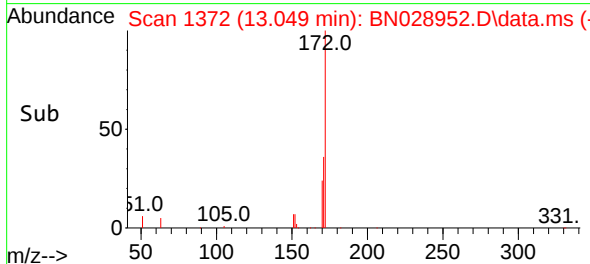
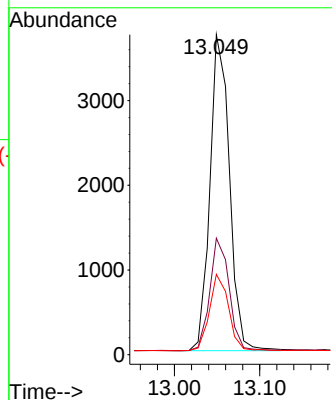
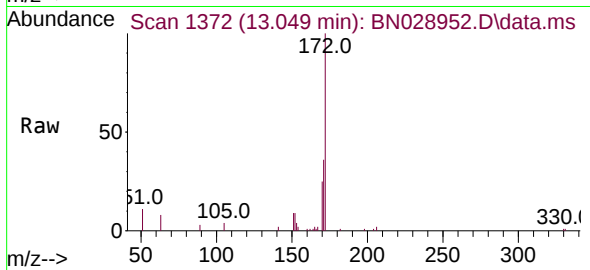




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.049 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

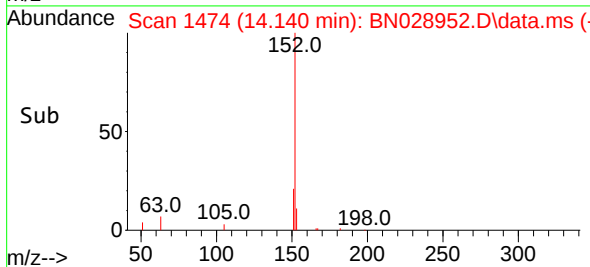
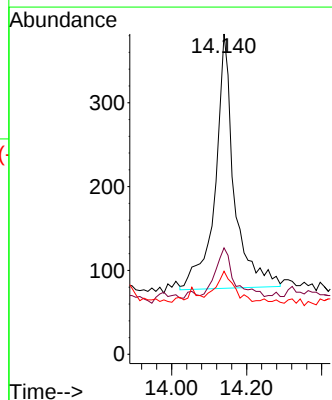
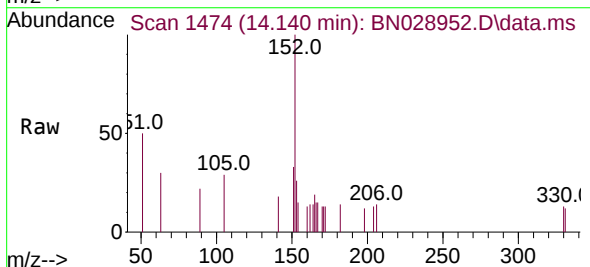
Instrument :
BNA_N
ClientSampleId :
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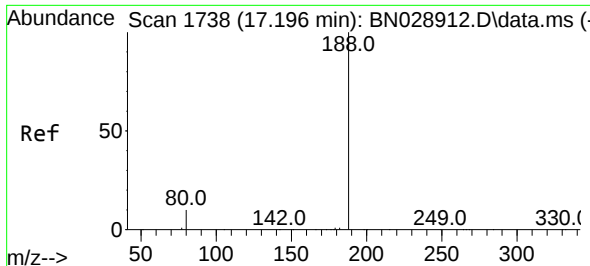
Tgt Ion:172 Resp: 5928
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 25.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.059 ng
RT: 14.140 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion:152 Resp: 1065
Ion Ratio Lower Upper
152 100
151 18.8 15.9 23.9
153 12.3 10.8 16.2

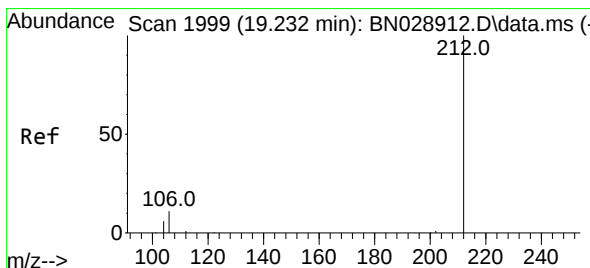
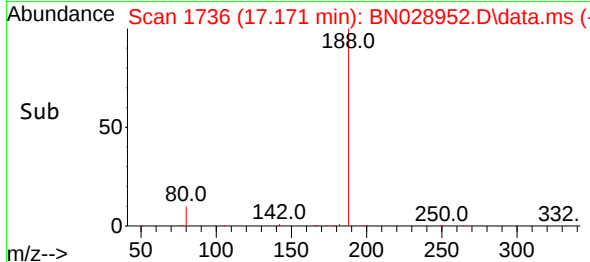
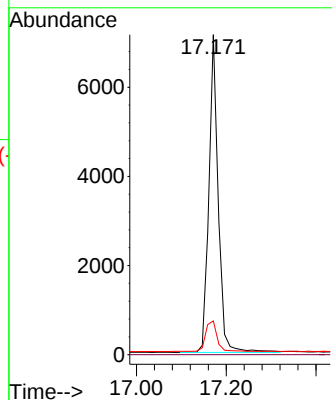
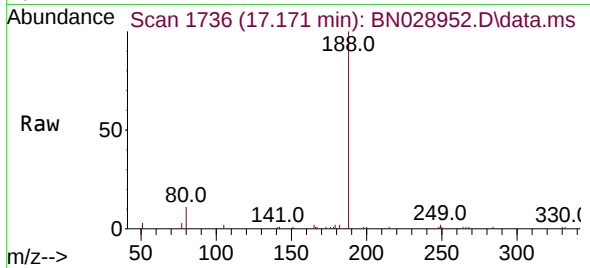




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

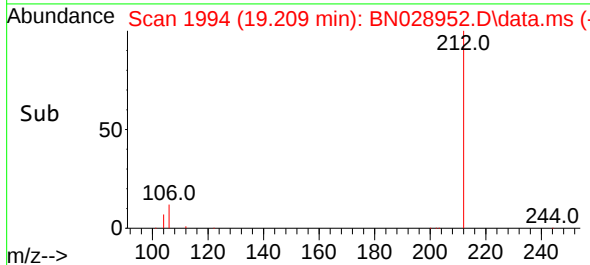
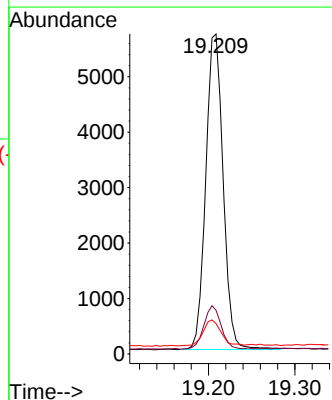
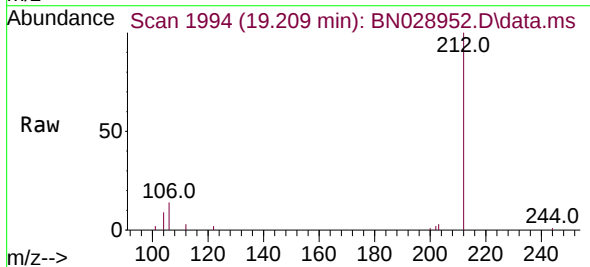
Instrument :
BNA_N
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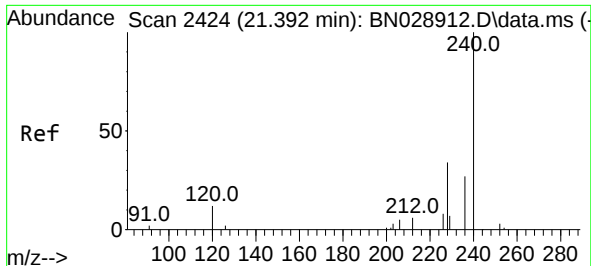
Tgt Ion:188 Resp: 10320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.293 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion:212 Resp: 7964
Ion Ratio Lower Upper
212 100
106 13.6 9.4 14.2
104 8.5 6.2 9.2

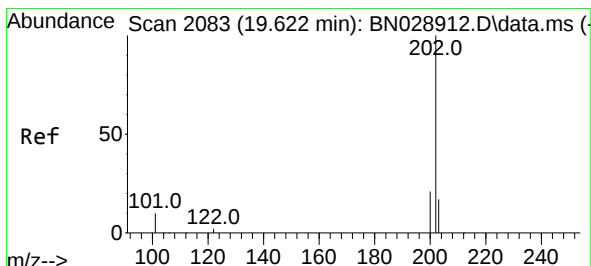
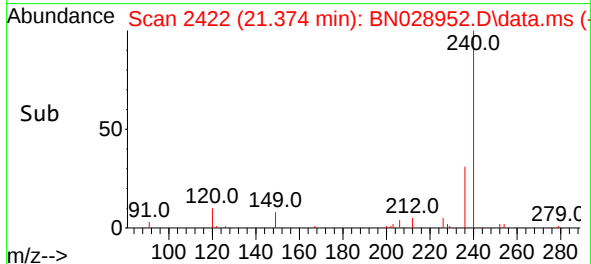
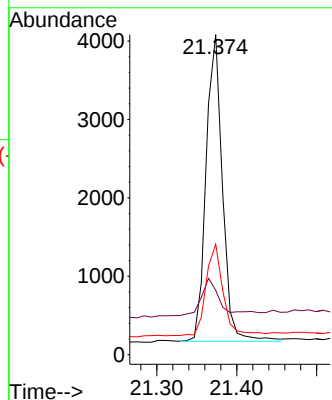
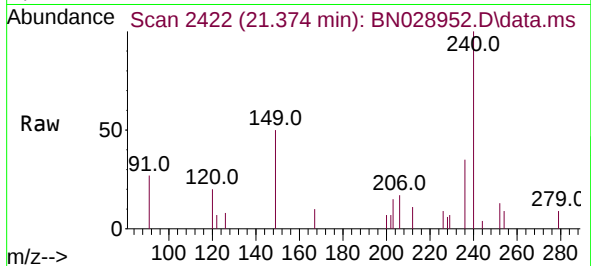




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

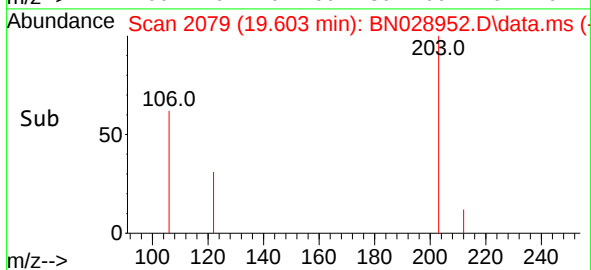
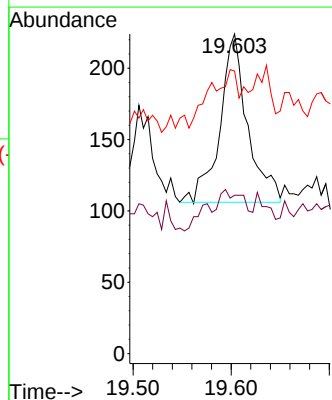
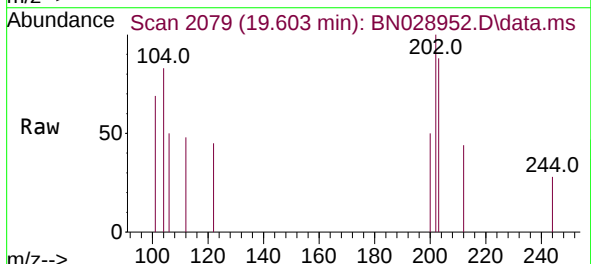
Instrument :
BNA_N
ClientSampleId :
PB157090BL

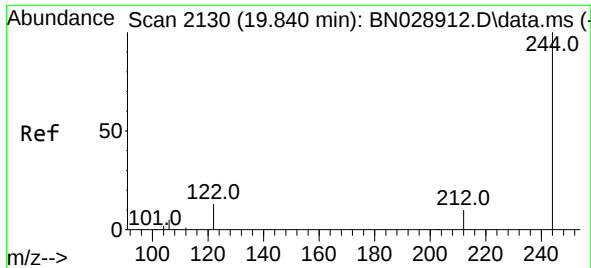
Tgt Ion:240 Resp: 5552
Ion Ratio Lower Upper
240 100
120 20.1 37.1 55.7#
236 34.6 32.4 48.6



#30
Pyrene
Concen: 0.100 ng
RT: 19.603 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion:202 Resp: 232
Ion Ratio Lower Upper
202 100
200 12.5 16.9 25.3#
203 18.1 14.8 22.2

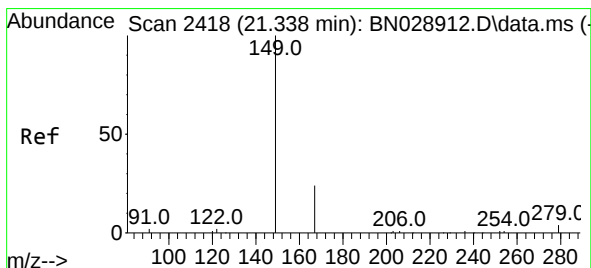
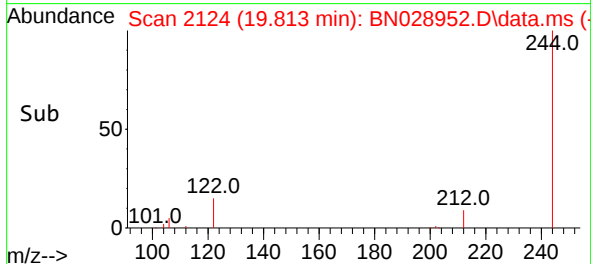
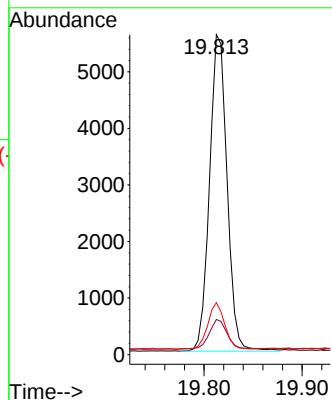
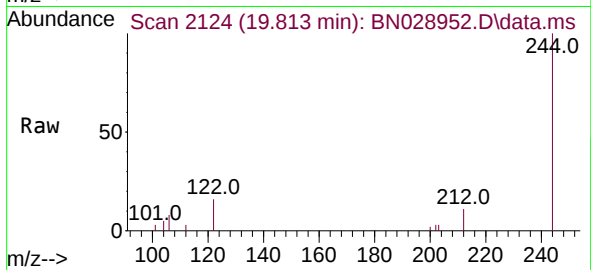




#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.813 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

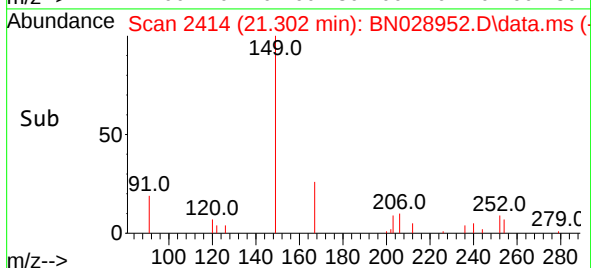
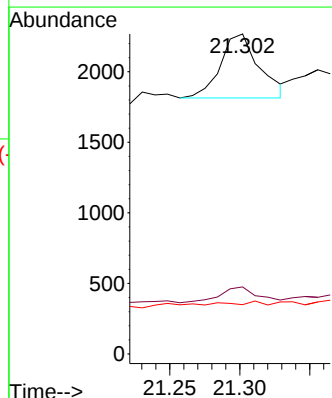
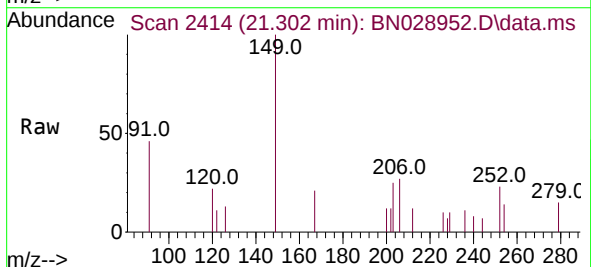
Instrument :
BNA_N
ClientSampleId :
PB157090BL

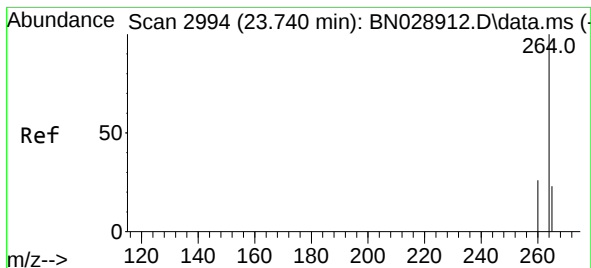
Tgt Ion:244 Resp: 6955
Ion Ratio Lower Upper
244 100
212 11.0 11.5 17.3#
122 16.2 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.302 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN028952.D
Acq: 01 Dec 2023 18:11

Tgt Ion:149 Resp: 873
Ion Ratio Lower Upper
149 100
167 24.2 14.9 22.3#
279 1.9 6.3 9.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.708 min Scan# 2994

Delta R.T. -0.000 min

Lab File: BN028952.D

Acq: 01 Dec 2023 18:11

Instrument :

BNA_N

ClientSampleId :

PB157090BL

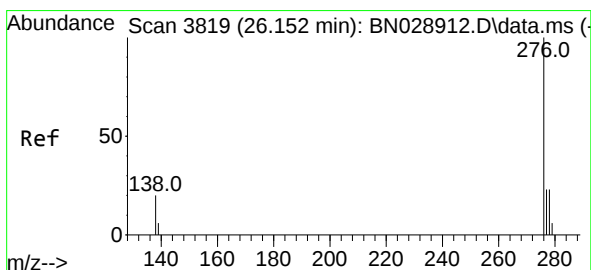
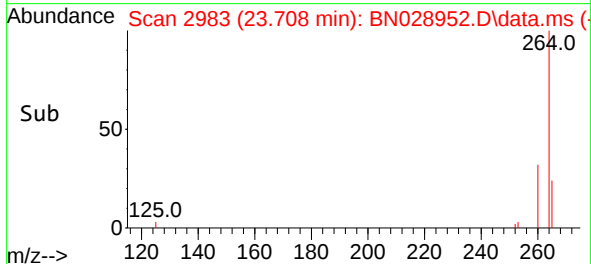
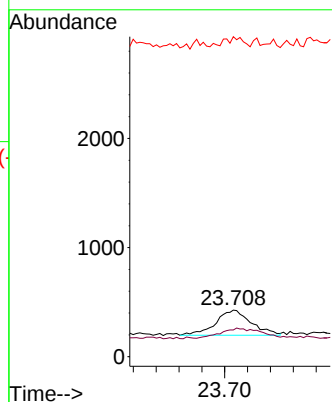
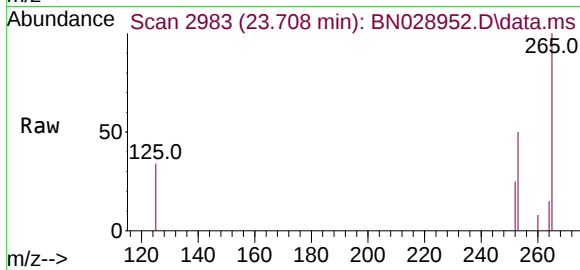
Tgt Ion:264 Resp: 494

Ion Ratio Lower Upper

264 100

260 57.4 20.6 30.8#

265 686.9 464.5 696.7



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng

RT: 26.090 min Scan# 3798

Delta R.T. -0.012 min

Lab File: BN028952.D

Acq: 01 Dec 2023 18:11

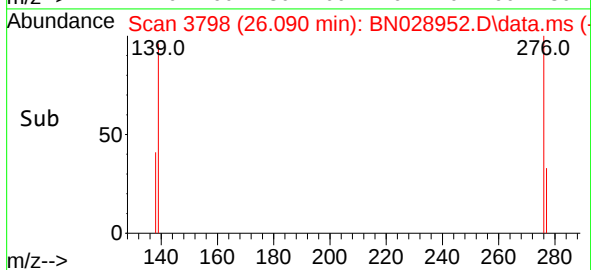
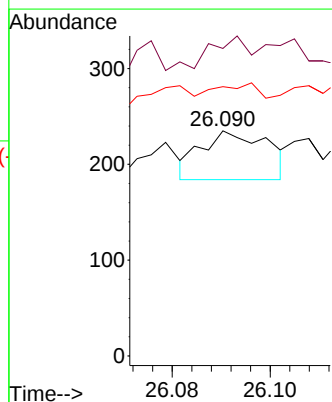
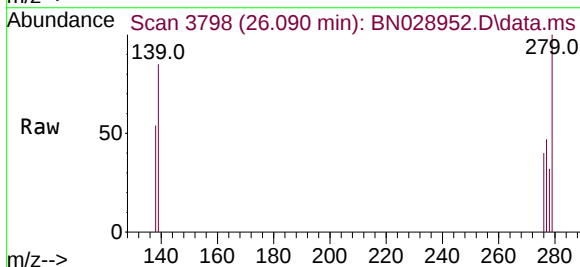
Tgt Ion:276 Resp: 48

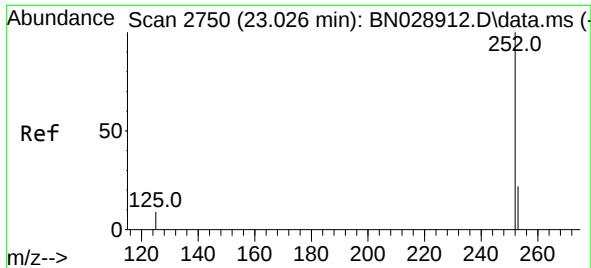
Ion Ratio Lower Upper

276 100

138 35.4 20.9 31.3#

277 29.2 20.2 30.4





#37

Benzo(b)fluoranthene

Concen: 0.069 ng

RT: 22.997 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028952.D

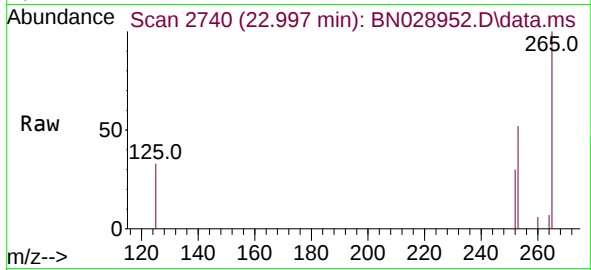
Acq: 01 Dec 2023 18:11

Instrument :

BNA_N

ClientSampleId :

PB157090BL



Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

253 170.7 94.5 141.7#

125 109.9 23.8 35.8#

