

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028980.D
 Acq On : 02 Dec 2023 12:13
 Operator : MA/JU
 Sample : 05403-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20231112

Quant Time: Dec 03 08:13:20 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)

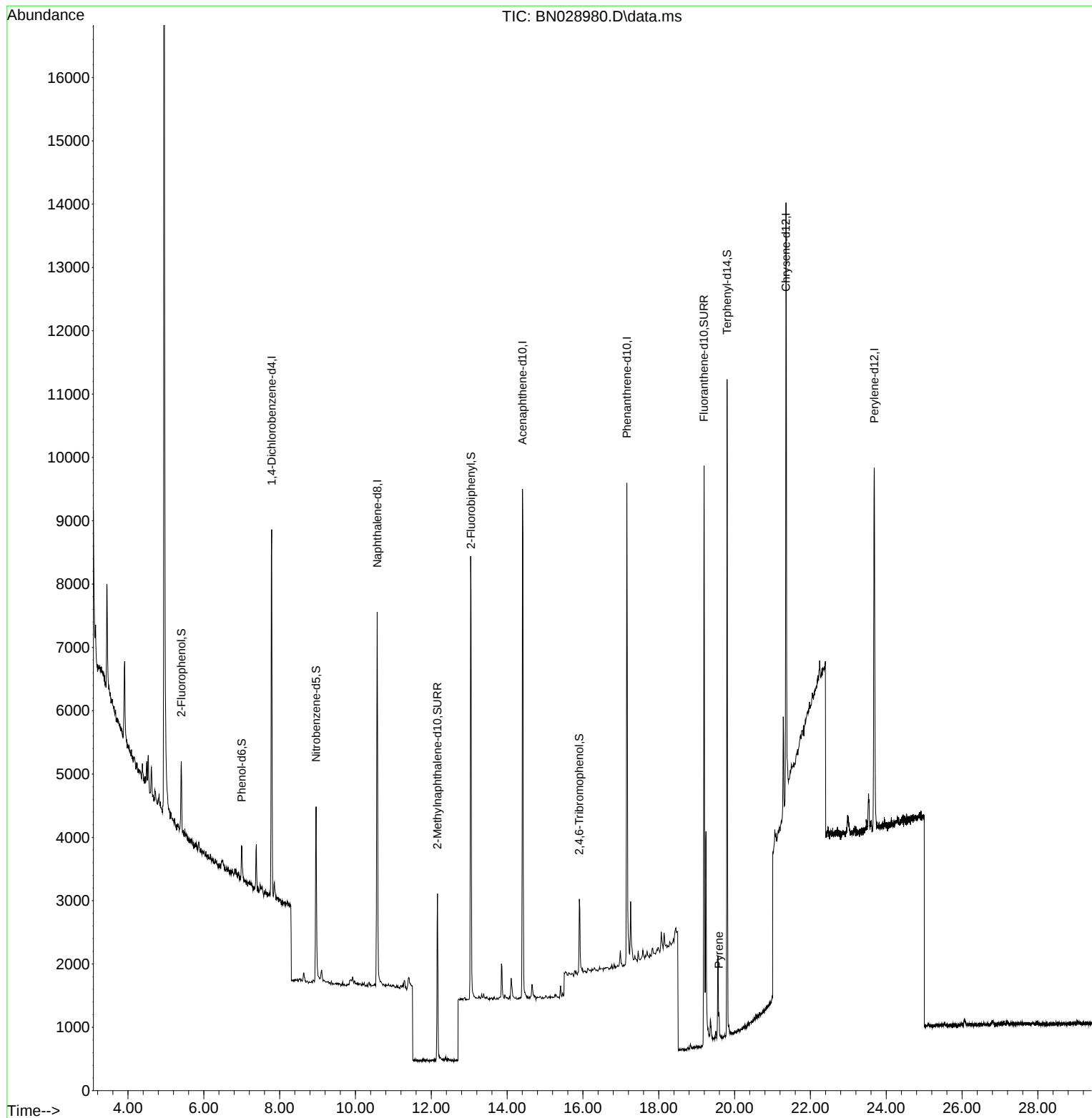
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	2768	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	7948	0.400	ng	-0.01
13) Acenaphthene-d10	14.407	164	4976	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	10673	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	8810	0.400	ng	#-0.02
35) Perylene-d12	23.684	264	7739	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	807	0.096	ng	0.00
5) Phenol-d6	7.002	99	513	0.055	ng	0.00
8) Nitrobenzene-d5	8.961	82	2479	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	3633	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	798	0.237	ng	-0.01
15) 2-Fluorobiphenyl	13.049	172	6508	0.303	ng	0.00
27) Fluoranthene-d10	19.195	212	10275	0.366	ng	-0.01
31) Terphenyl-d14	19.803	244	9874	0.396	ng	-0.01
Target Compounds						
30) Pyrene	19.590	202	395	0.100	ng	Qvalue 97

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

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RW9-MW01D2-20231112

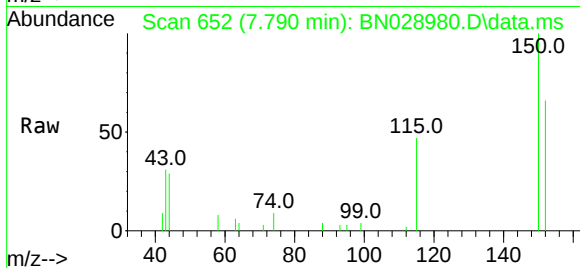
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



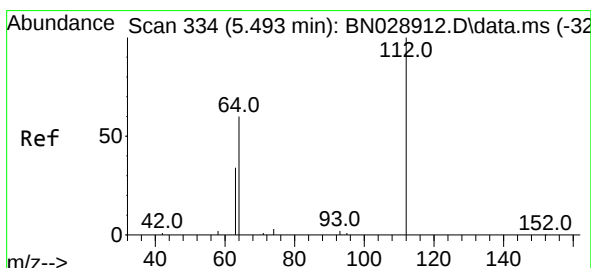
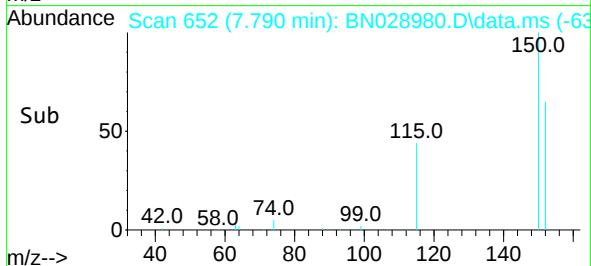
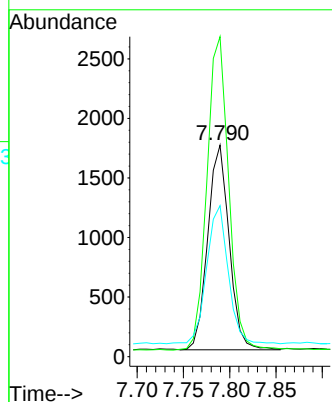


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20231112

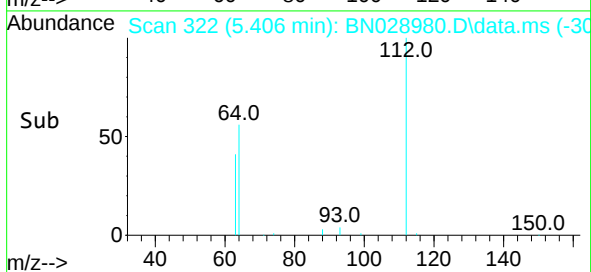
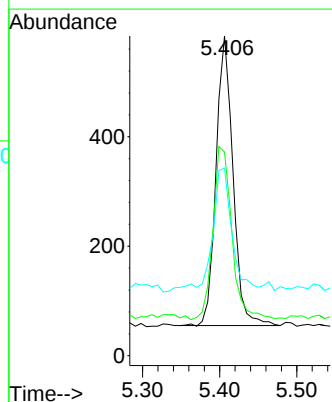
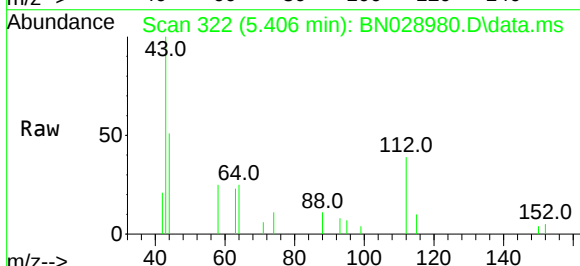


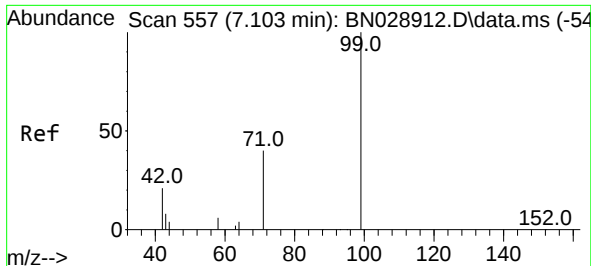
Tgt Ion:152 Resp: 2768
Ion Ratio Lower Upper
152 100
150 151.3 123.4 185.2
115 71.4 59.1 88.7



#4
2-Fluorophenol
Concen: 0.096 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

Tgt Ion:112 Resp: 807
Ion Ratio Lower Upper
112 100
64 66.7 51.5 77.3
63 50.4 30.4 45.6#

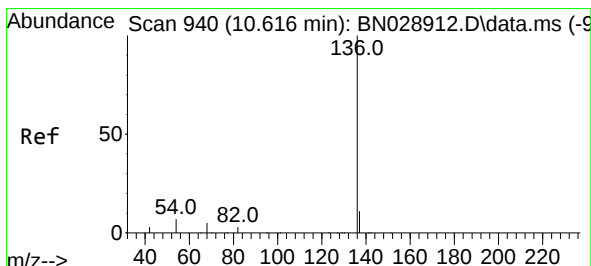
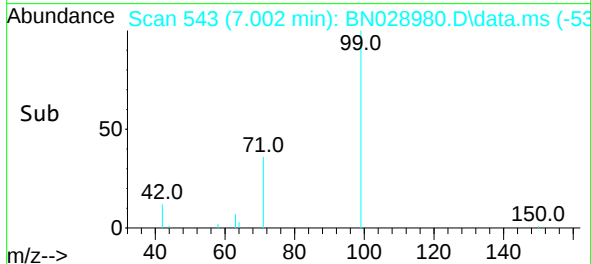
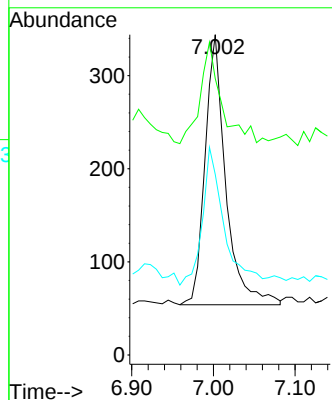
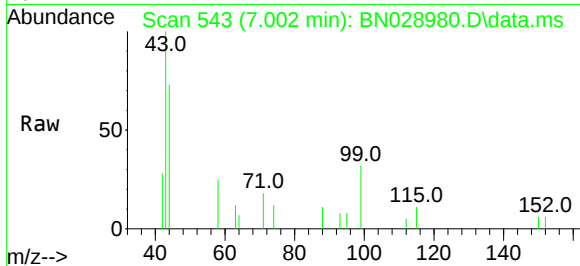




#5
Phenol-d6
Concen: 0.055 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

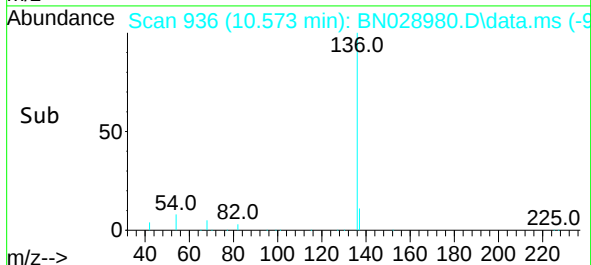
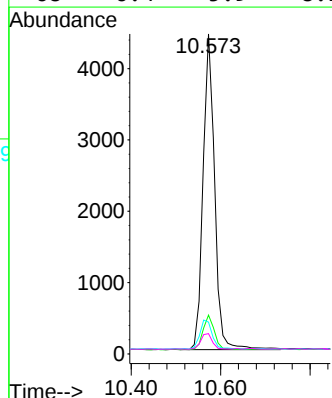
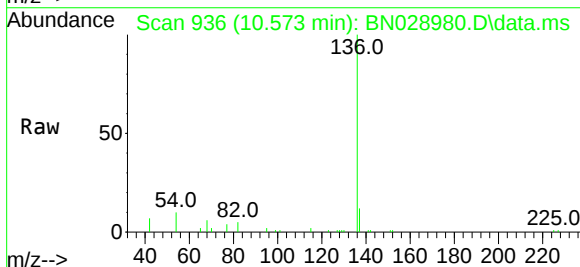
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20231112

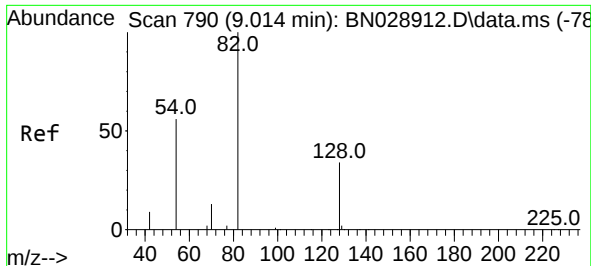
Tgt Ion: 99 Resp: 513
Ion Ratio Lower Upper
99 100
42 39.4 21.2 31.8#
71 53.2 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

Tgt Ion:136 Resp: 7948
Ion Ratio Lower Upper
136 100
137 12.1 10.6 16.0
54 10.0 7.5 11.3
68 6.4 5.9 8.9

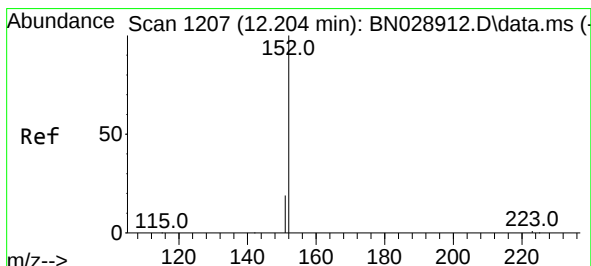
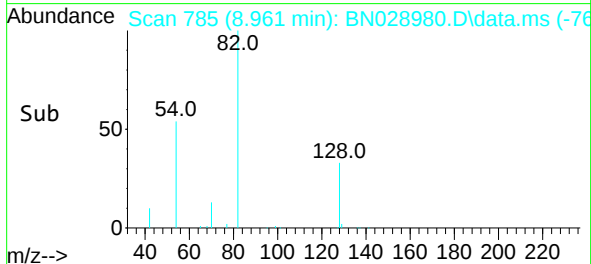
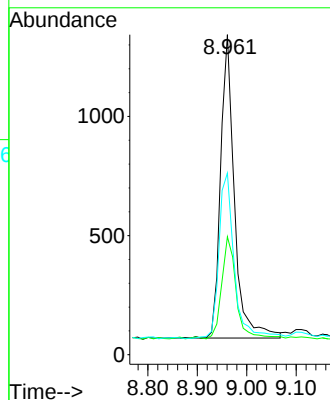
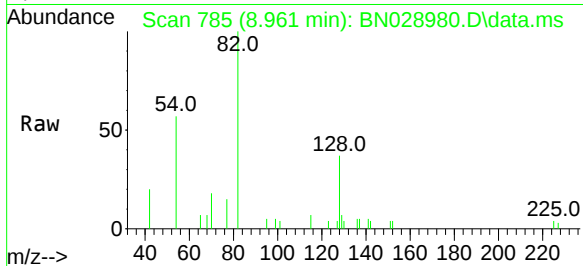




#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

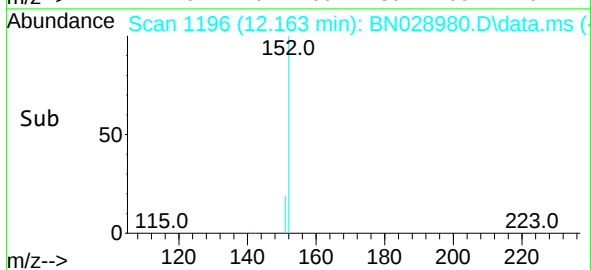
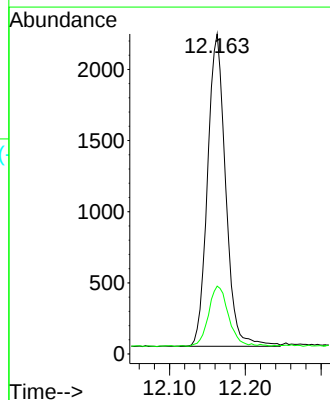
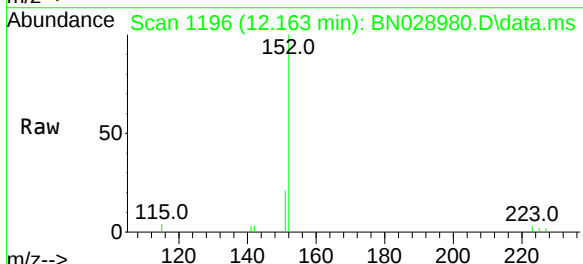
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20231112

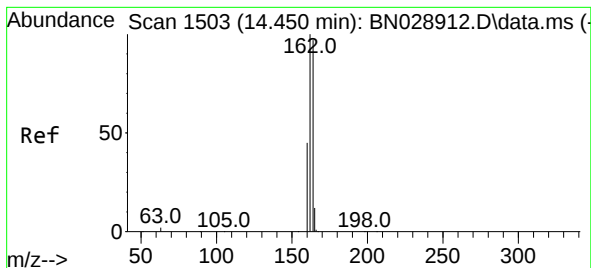
Tgt Ion: 82 Resp: 2479
Ion Ratio Lower Upper
82 100
128 36.9 29.2 43.8
54 56.7 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.163 min Scan# 1196
Delta R.T. -0.008 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

Tgt Ion: 152 Resp: 3633
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN028980.D

Acq: 02 Dec 2023 12:13

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D2-20231112

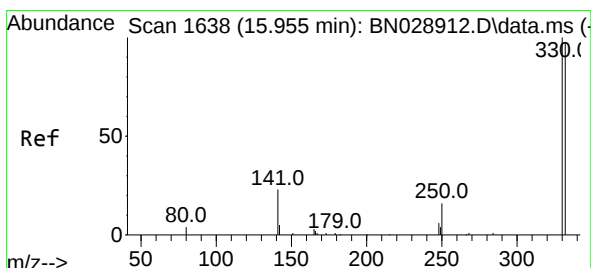
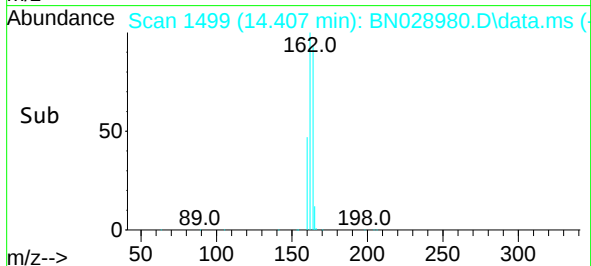
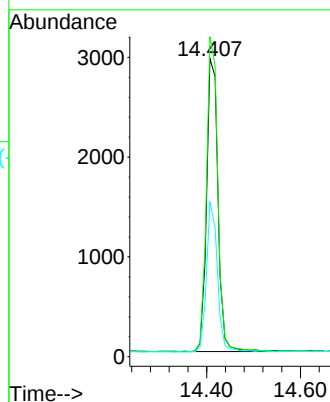
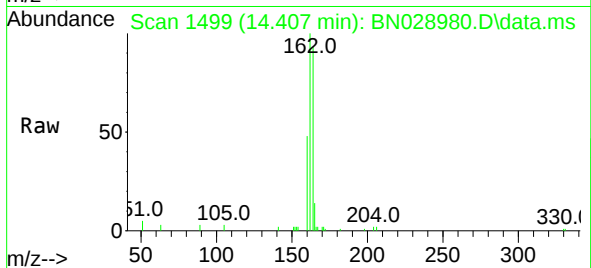
Tgt Ion:164 Resp: 4976

Ion Ratio Lower Upper

164 100

162 107.4 81.7 122.5

160 51.9 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.237 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BN028980.D

Acq: 02 Dec 2023 12:13

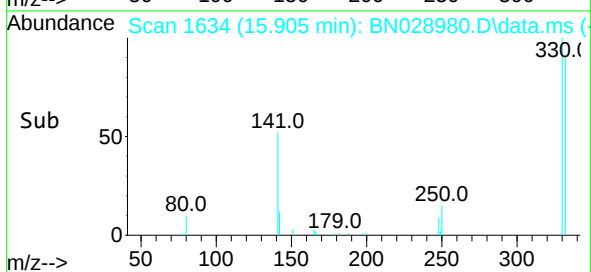
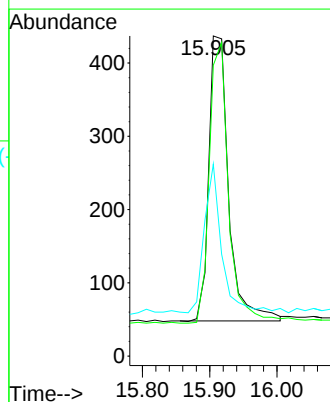
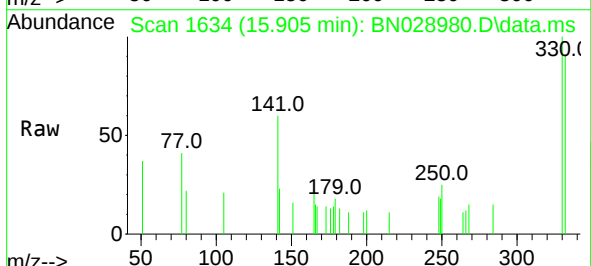
Tgt Ion:330 Resp: 798

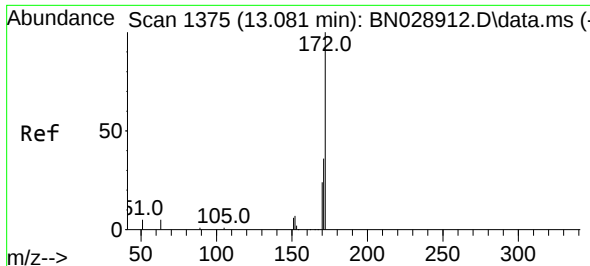
Ion Ratio Lower Upper

330 100

332 95.6 75.4 113.2

141 44.5 35.7 53.5

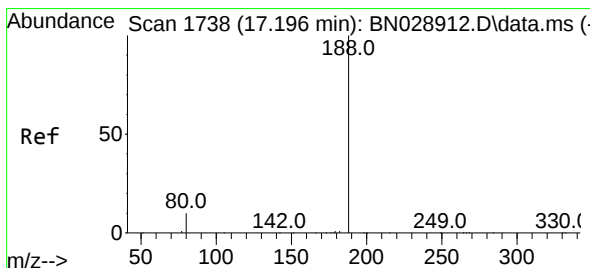
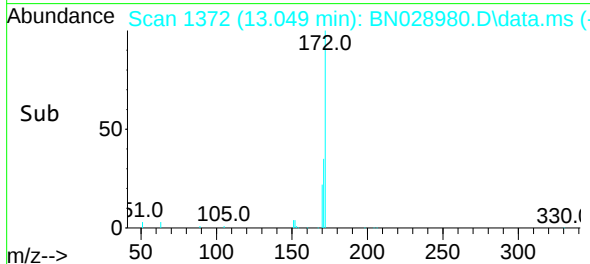
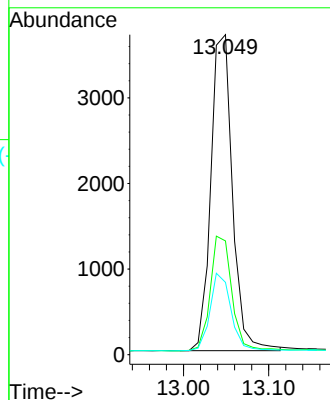
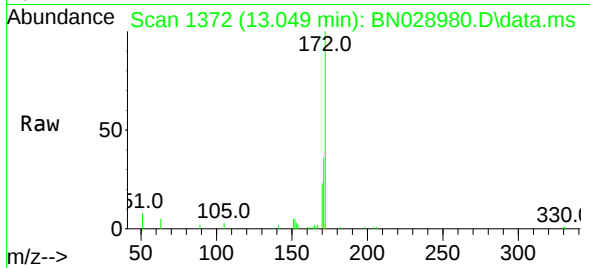




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.049 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

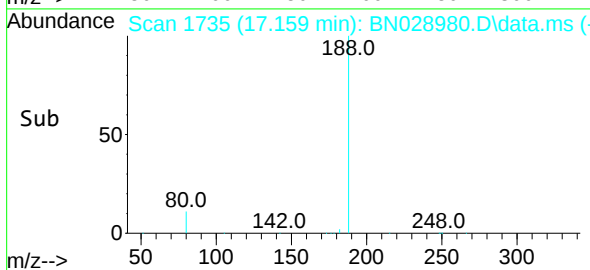
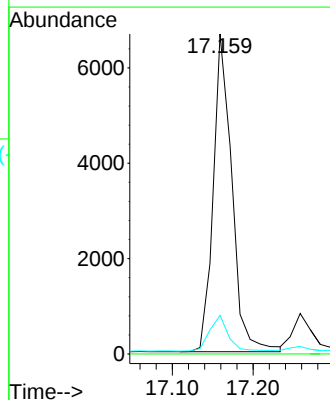
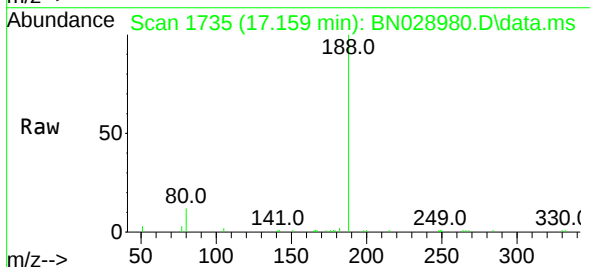
Instrument :
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RW9-MW01D2-20231112

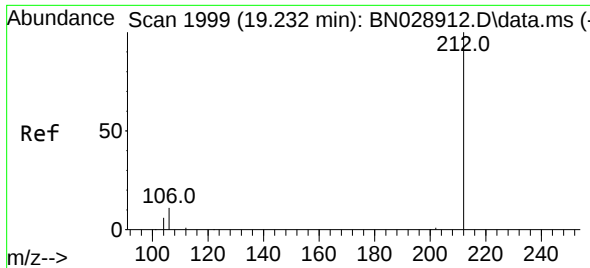
Tgt Ion:172 Resp: 6508
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 22.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

Tgt Ion:188 Resp: 10673
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 9.0 13.6

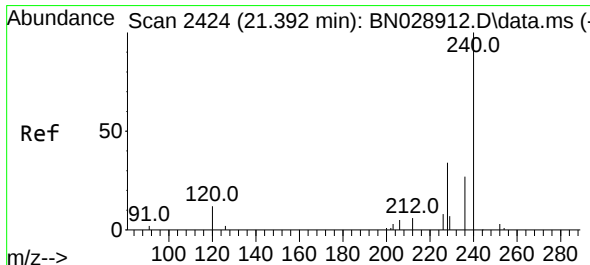
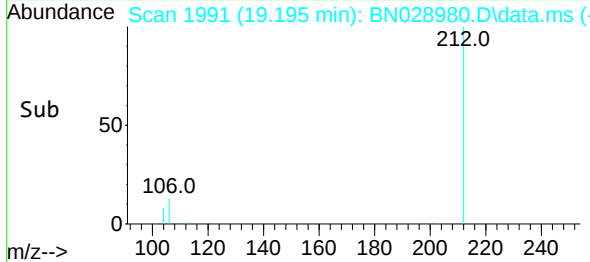
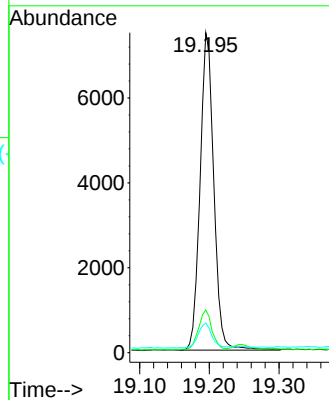
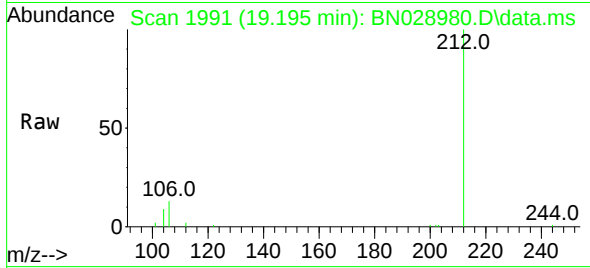




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.195 min Scan# 1999
Delta R.T. -0.014 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

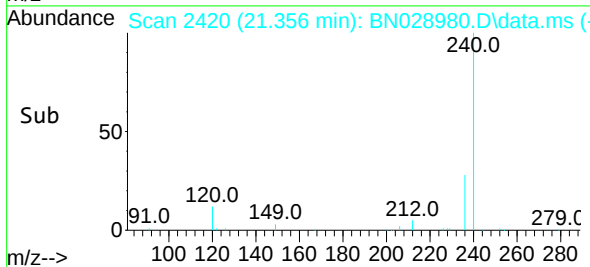
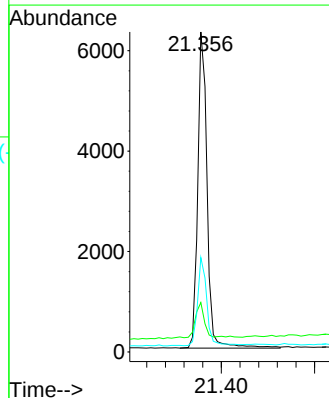
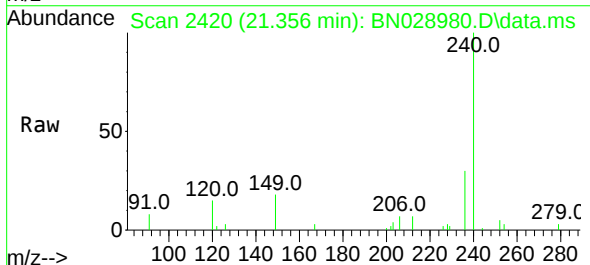
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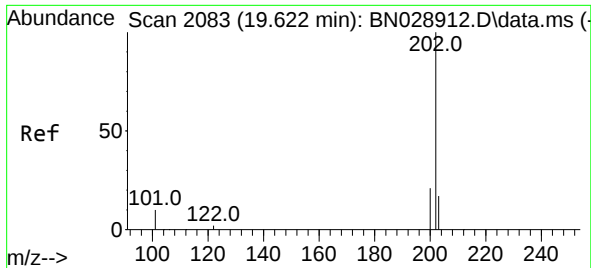
Tgt Ion:212 Resp: 10275
Ion Ratio Lower Upper
212 100
106 12.3 9.4 14.2
104 7.9 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

Tgt Ion:240 Resp: 8810
Ion Ratio Lower Upper
240 100
120 15.4 37.1 55.7#
236 29.5 32.4 48.6#

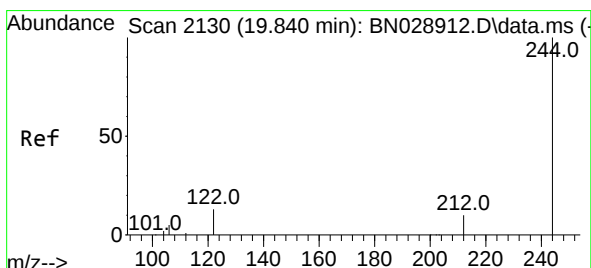
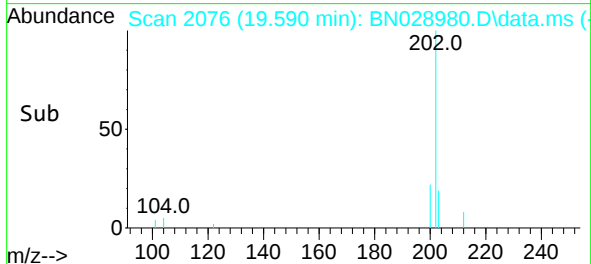
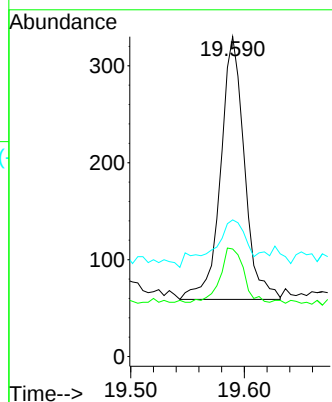
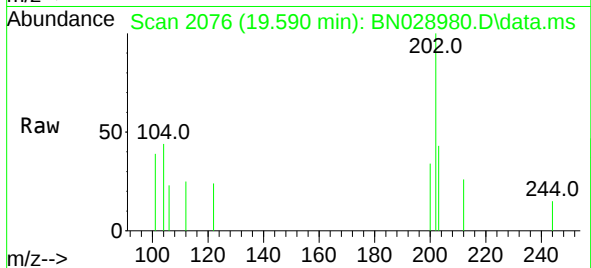




#30
Pyrene
Concen: 0.100 ng
RT: 19.590 min Scan# 2083
Delta R.T. -0.014 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

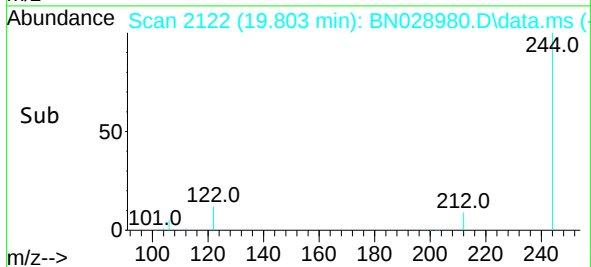
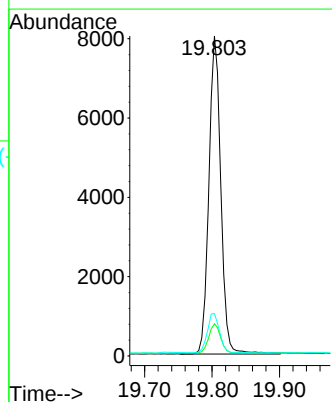
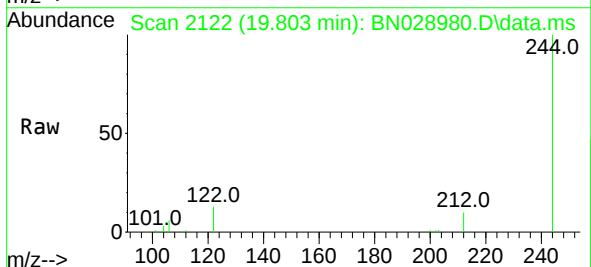
Instrument :
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RW9-MW01D2-20231112

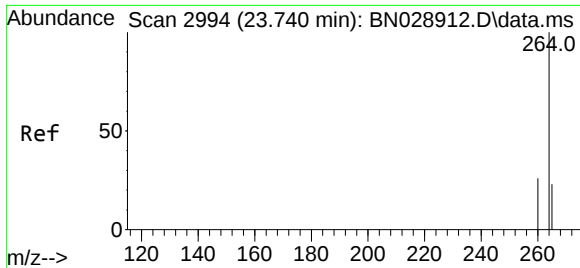
Tgt Ion:202 Resp: 395
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 15.7 14.8 22.2



#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.803 min Scan# 2122
Delta R.T. -0.014 min
Lab File: BN028980.D
Acq: 02 Dec 2023 12:13

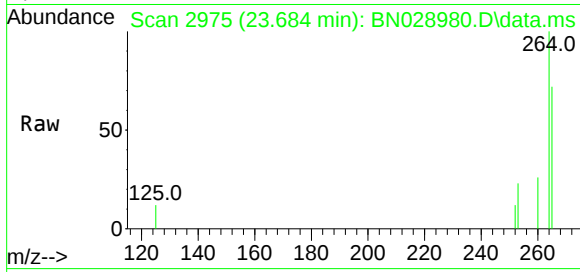
Tgt Ion:244 Resp: 9874
Ion Ratio Lower Upper
244 100
212 10.0 11.5 17.3#
122 13.3 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.684 min Scan# 2994
 Delta R.T. -0.023 min
 Lab File: BN028980.D
 Acq: 02 Dec 2023 12:13

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20231112



Tgt Ion:264 Resp: 7739

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.6	30.8
265	71.8	464.5	696.7#

