

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028978.D
 Acq On : 02 Dec 2023 11:02
 Operator : MA/JU
 Sample : 05403-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20231111

Quant Time: Dec 03 08:12:57 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)

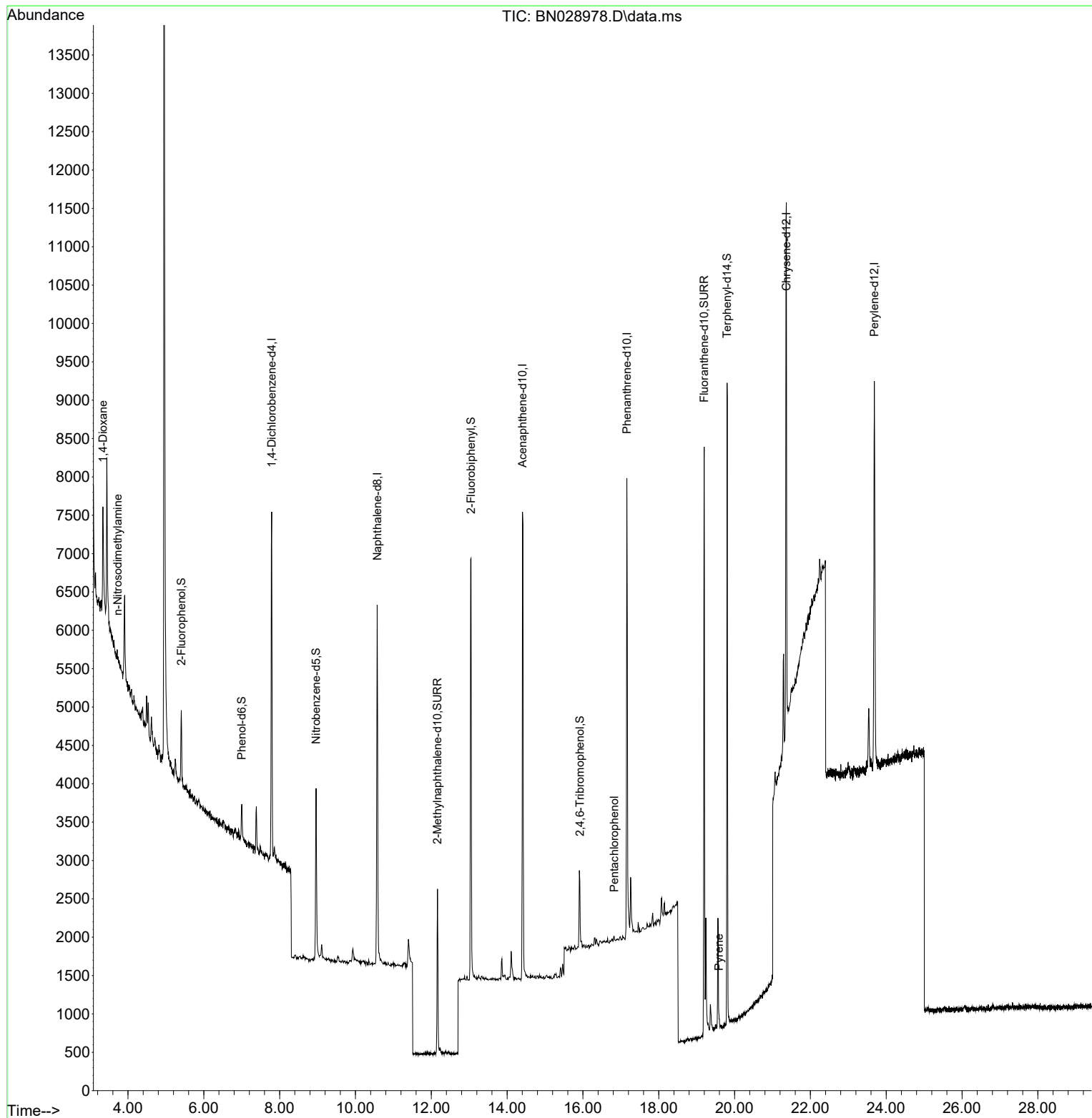
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2223	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6325	0.400	ng	-0.01
13) Acenaphthene-d10	14.407	164	3912	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8693	0.400	ng	-0.01
29) Chrysene-d12	21.365	240	7173	0.400	ng	# 0.00
35) Perylene-d12	23.687	264	6766	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	695	0.103	ng	0.00
5) Phenol-d6	7.002	99	448	0.060	ng	0.00
8) Nitrobenzene-d5	8.961	82	1974	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	2967	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	705	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5329	0.315	ng	0.00
27) Fluoranthene-d10	19.199	212	8723	0.381	ng	0.00
31) Terphenyl-d14	19.803	244	8395	0.407	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.341	88	1073	0.493	ng	# 84
3) n-Nitrosodimethylamine	3.731	42	18	0.097	ng	# 85
24) Pentachlorophenol	16.824	266	69	0.020	ng	# 79
30) Pyrene	19.590	202	150	0.097	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.284	149	1504	Below Cal		# 89

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

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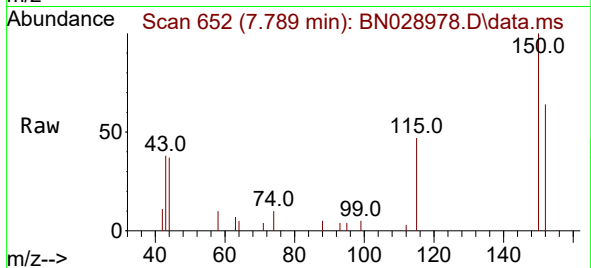
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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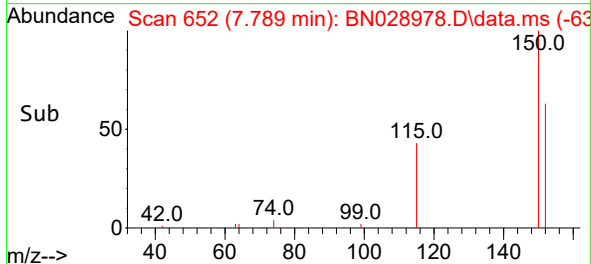
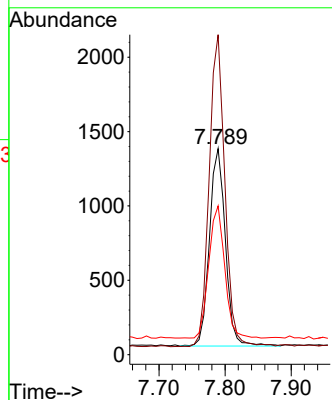
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028978.D
 Acq: 02 Dec 2023 11:02

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20231111



Tgt Ion:152 Resp: 2223

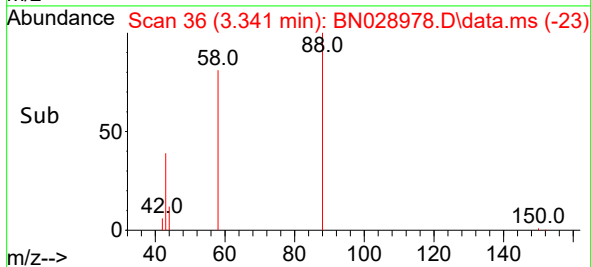
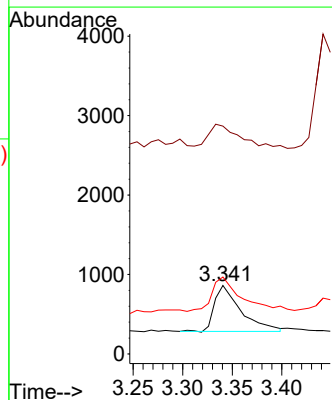
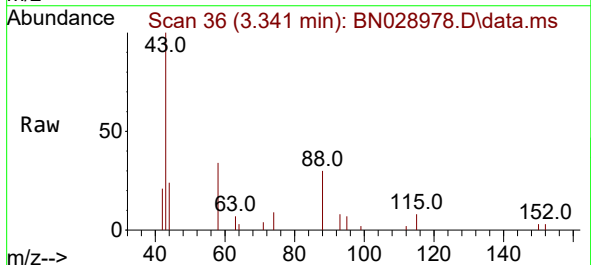
Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.4	185.2
115	72.2	59.1	88.7



#2
 1,4-Dioxane
 Concen: 0.493 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028978.D
 Acq: 02 Dec 2023 11:02

Tgt Ion: 88 Resp: 1073

Ion	Ratio	Lower	Upper
88	100		
43	51.0	29.9	44.9
58	79.1	55.0	82.4

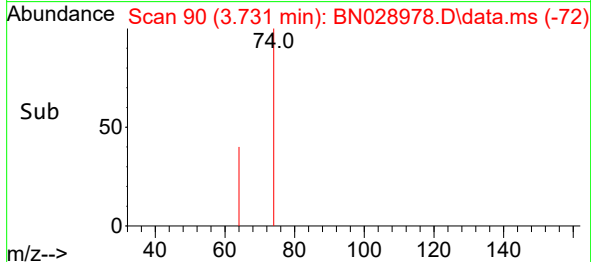
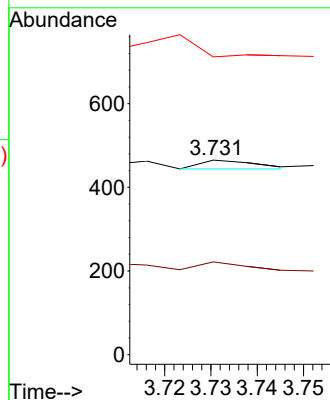
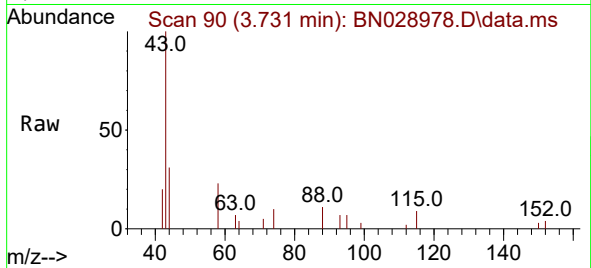




#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.731 min Scan# 90
Delta R.T. 0.029 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

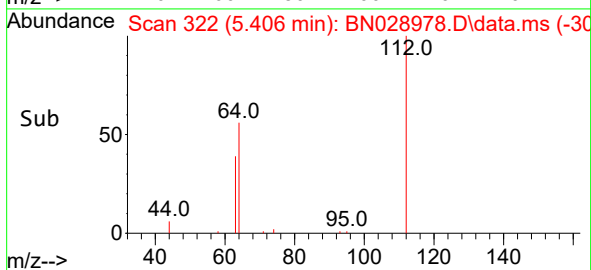
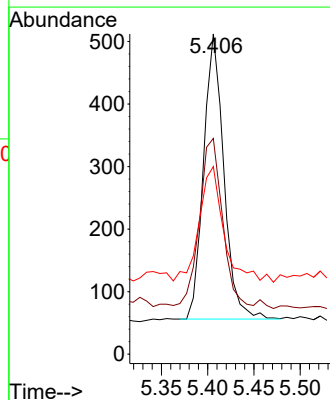
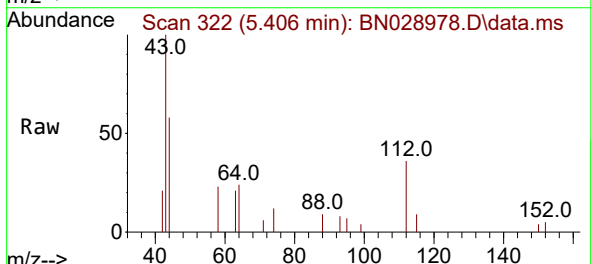
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111

Tgt Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 83.3 57.0 85.6
44 511.1 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion: 112 Resp: 695
Ion Ratio Lower Upper
112 100
64 65.0 51.5 77.3
63 49.2 30.4 45.6#

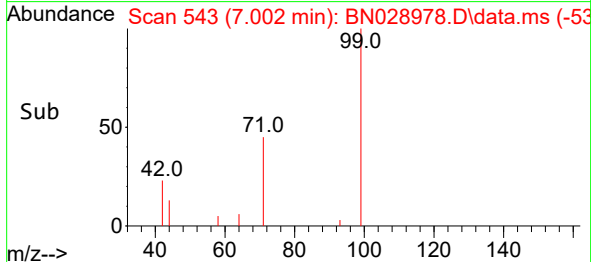
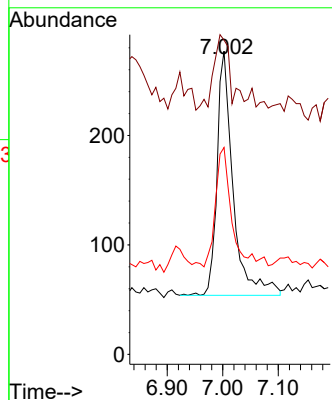
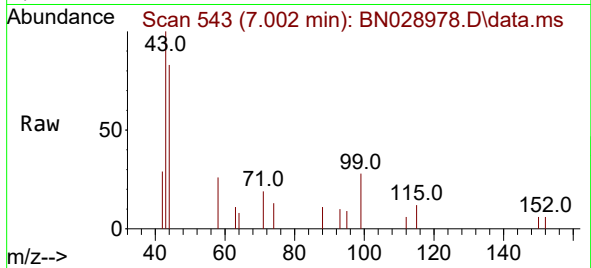




#5
Phenol-d6
Concen: 0.060 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

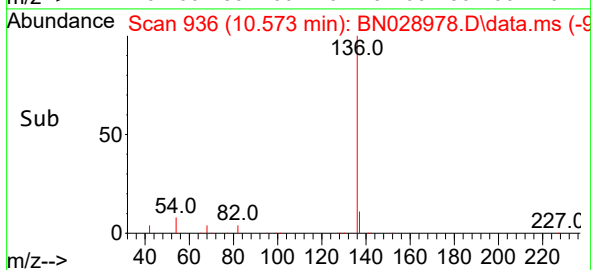
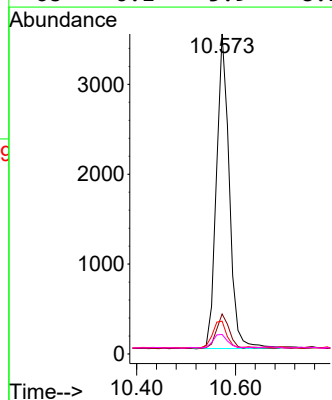
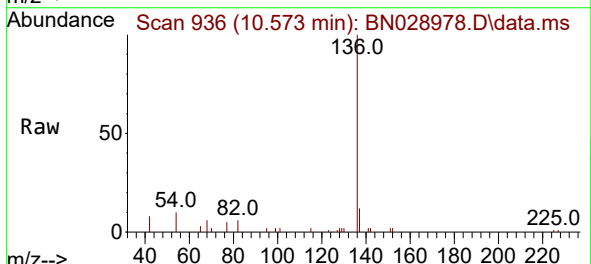
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111

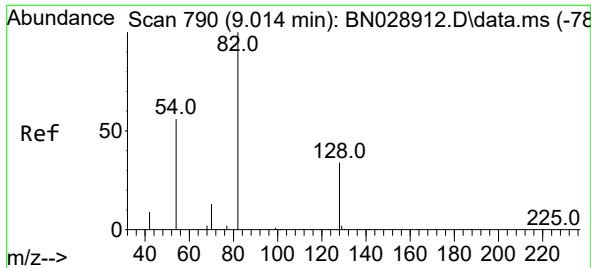
Tgt Ion: 99 Resp: 448
Ion Ratio Lower Upper
99 100
42 29.0 21.2 31.8
71 47.8 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion: 136 Resp: 6325
Ion Ratio Lower Upper
136 100
137 12.5 10.6 16.0
54 10.2 7.5 11.3
68 6.1 5.9 8.9

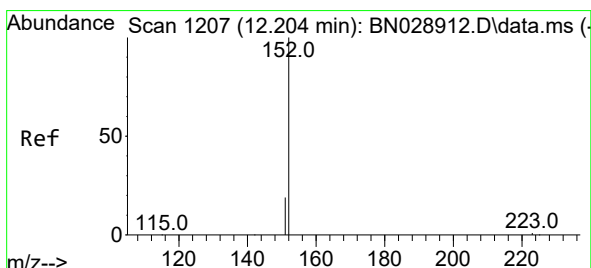
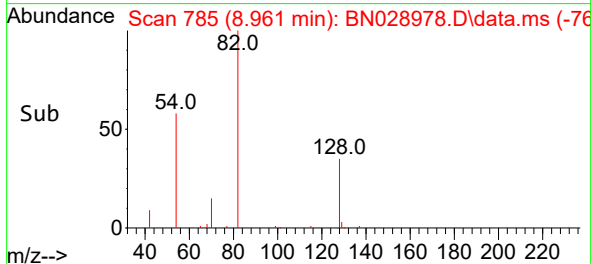
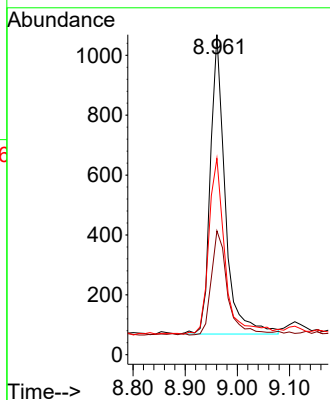
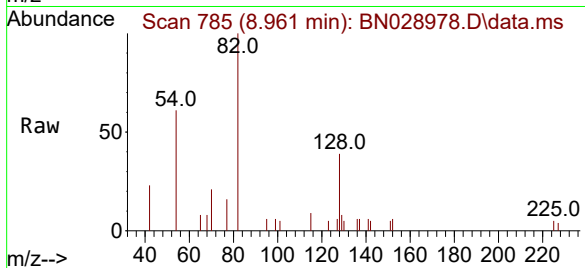




#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.961 min Scan# 719
Delta R.T. -0.011 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

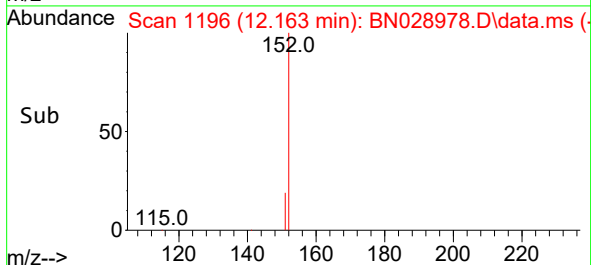
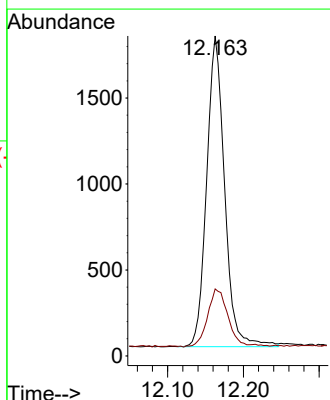
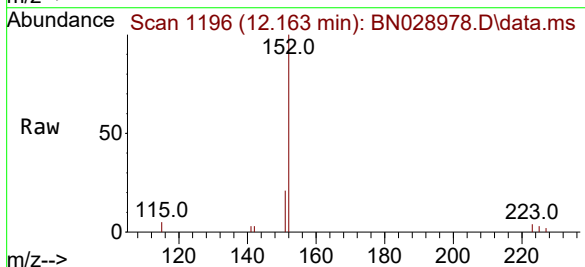
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111

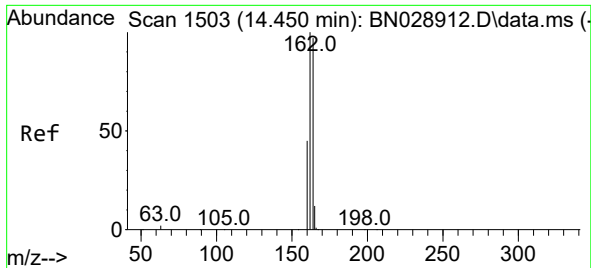
Tgt Ion: 82 Resp: 1974
Ion Ratio Lower Upper
82 100
128 38.7 29.2 43.8
54 61.4 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.163 min Scan# 1196
Delta R.T. -0.008 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion: 152 Resp: 2967
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1

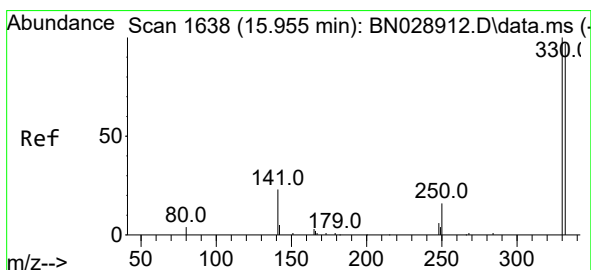
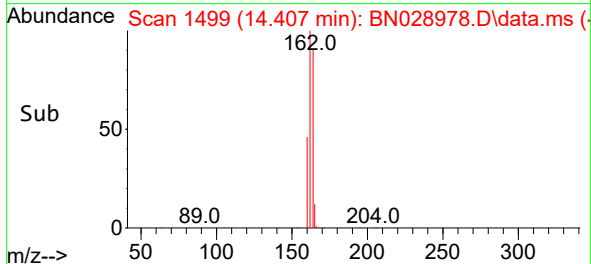
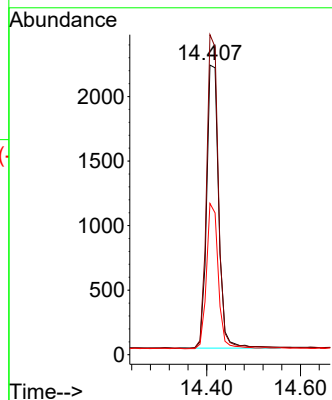
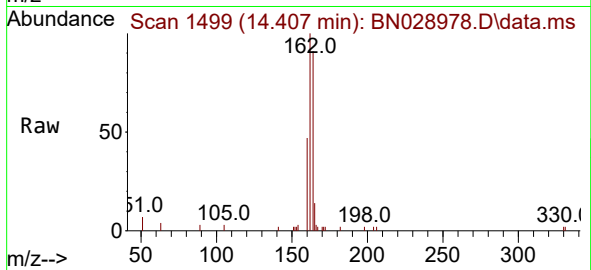




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

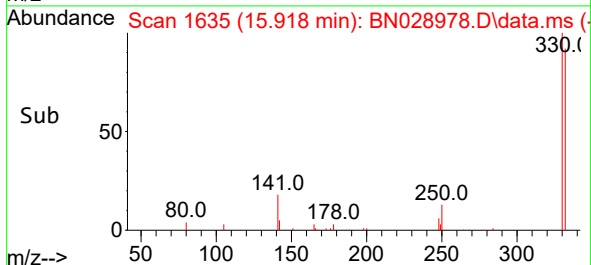
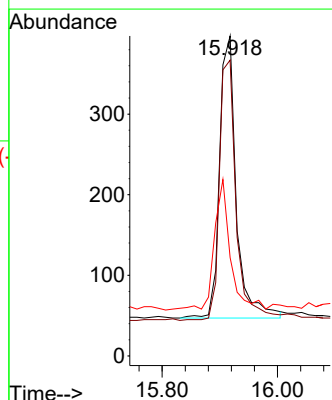
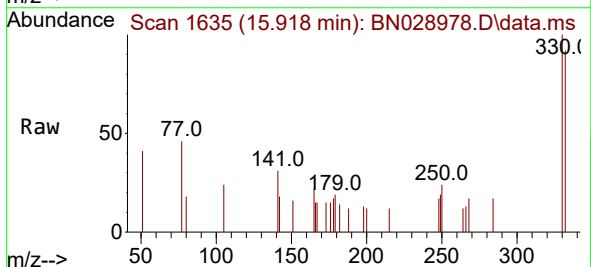
Instrument :
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ClientSampleId :
RW8-MW01S-20231111

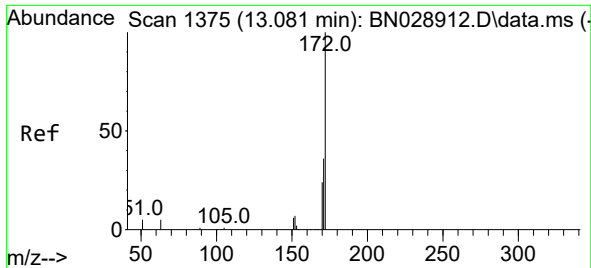
Tgt Ion:164 Resp: 3912
Ion Ratio Lower Upper
164 100
162 110.5 81.7 122.5
160 52.2 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion:330 Resp: 705
Ion Ratio Lower Upper
330 100
332 91.8 75.4 113.2
141 42.6 35.7 53.5

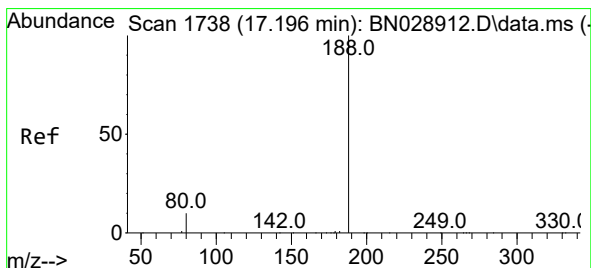
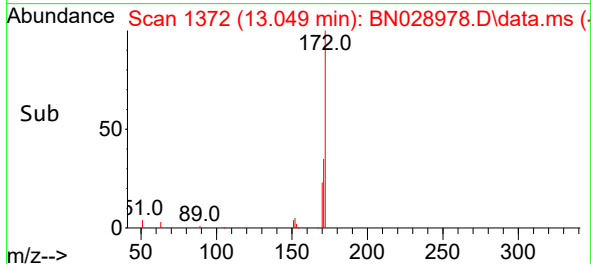
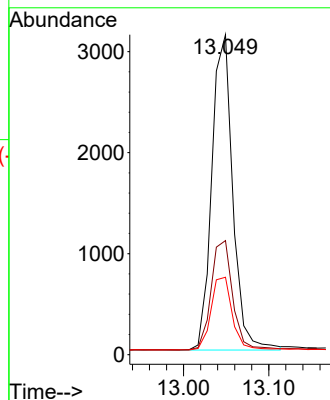
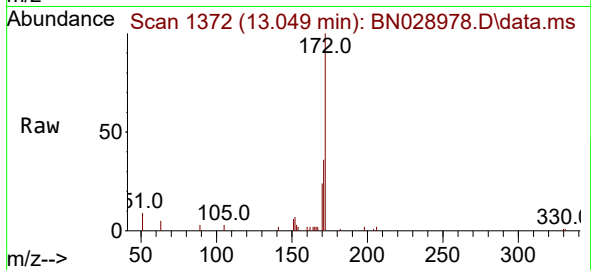




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.049 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

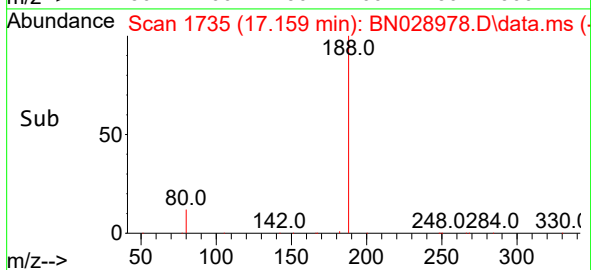
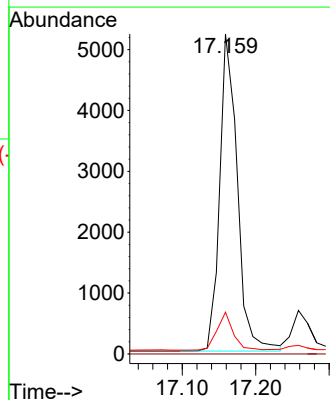
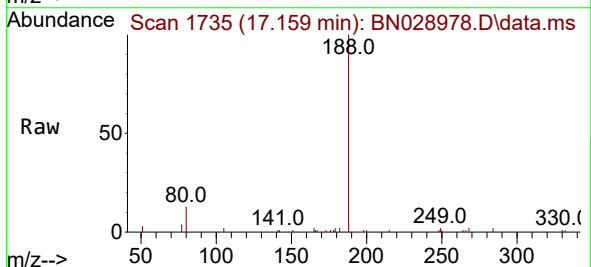
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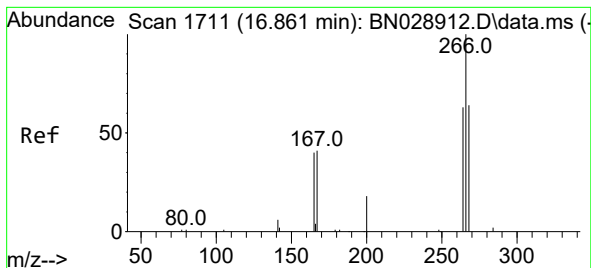
Tgt Ion:172	Resp:	5329
Ion Ratio	Lower	Upper
172	100	
171	35.6	29.0 43.4
170	24.2	19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

Tgt Ion:188	Resp:	8693
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.0	9.0 13.6





#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.824 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20231111

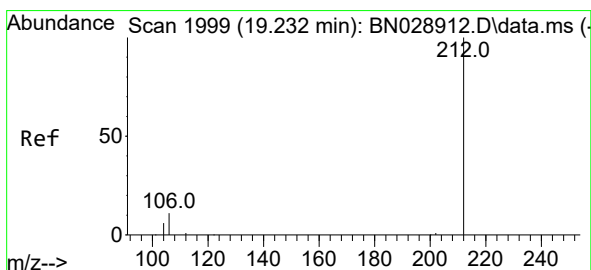
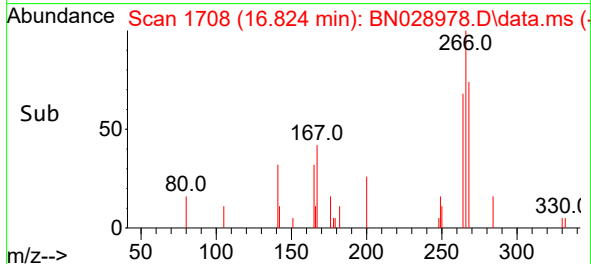
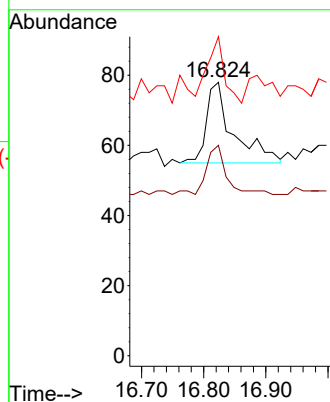
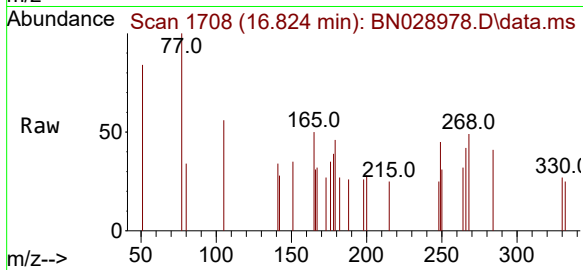
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

264 46.4 50.7 76.1#

268 52.2 54.9 82.3#



#27

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.199 min Scan# 1992

Delta R.T. -0.009 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

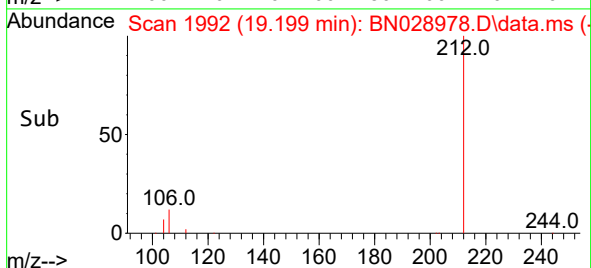
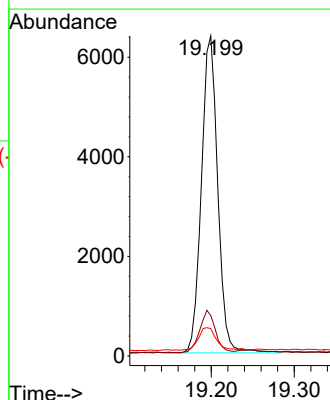
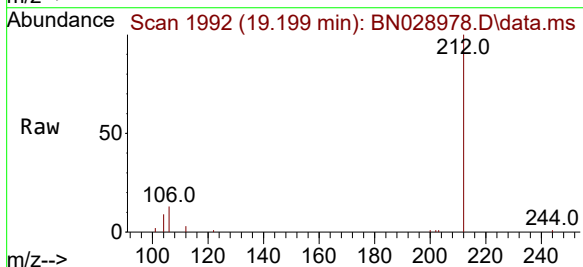
Tgt Ion:212 Resp: 8723

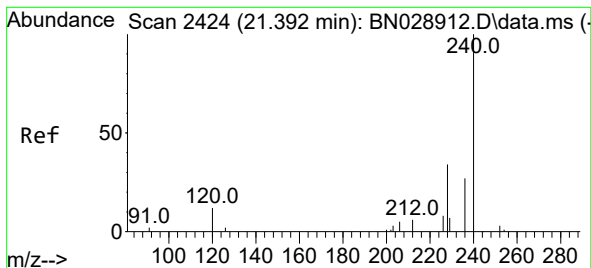
Ion Ratio Lower Upper

212 100

106 12.7 9.4 14.2

104 7.8 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.365 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN028978.D

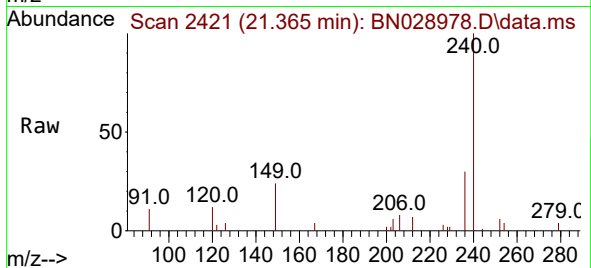
Acq: 02 Dec 2023 11:02

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20231111



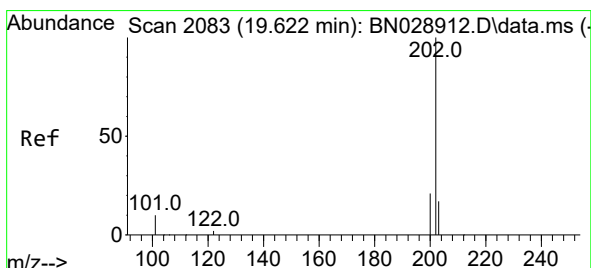
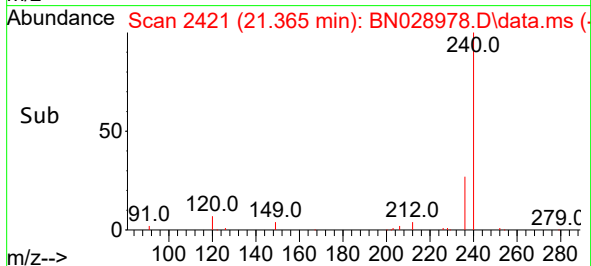
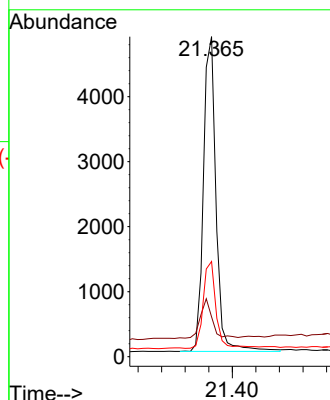
Tgt Ion:240 Resp: 7173

Ion Ratio Lower Upper

240 100

120 12.5 37.1 55.7#

236 29.8 32.4 48.6#



#30

Pyrene

Concen: 0.097 ng

RT: 19.590 min Scan# 2076

Delta R.T. -0.014 min

Lab File: BN028978.D

Acq: 02 Dec 2023 11:02

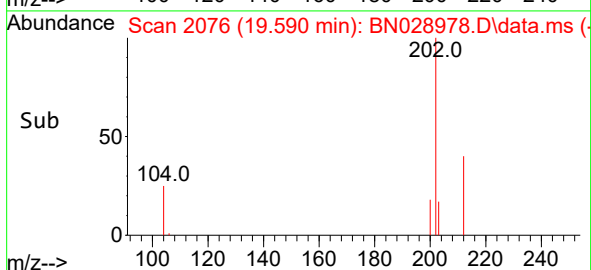
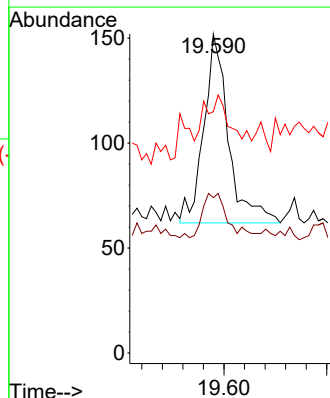
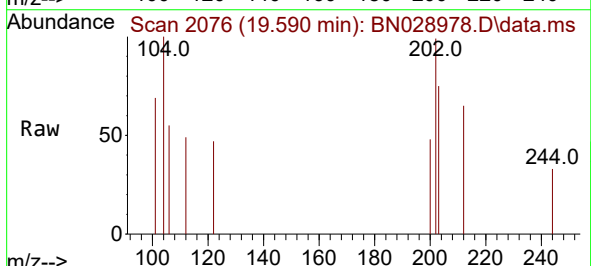
Tgt Ion:202 Resp: 150

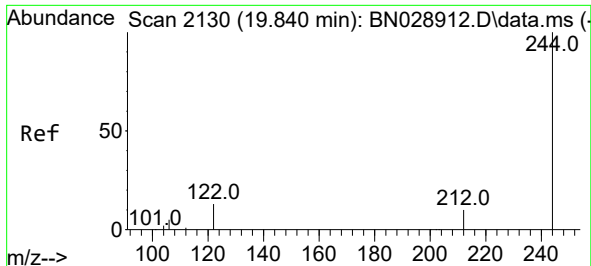
Ion Ratio Lower Upper

202 100

200 24.0 16.9 25.3

203 23.3 14.8 22.2#

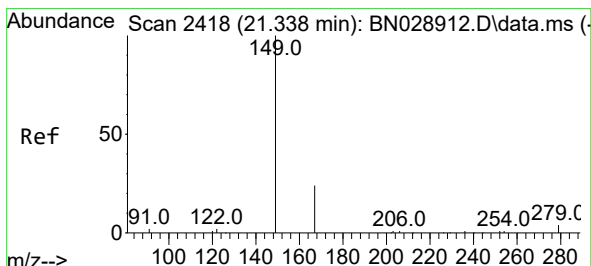
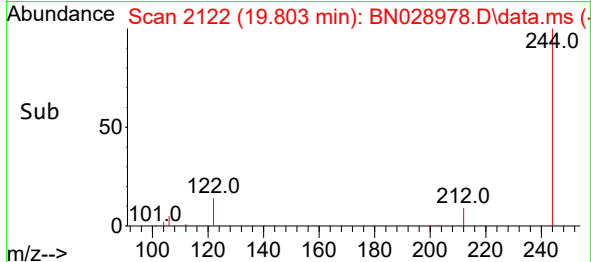
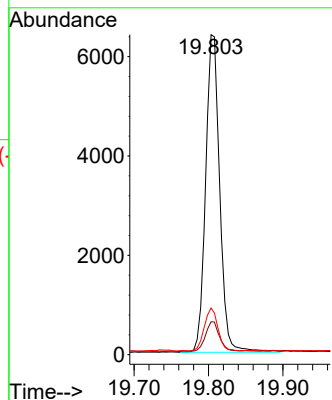
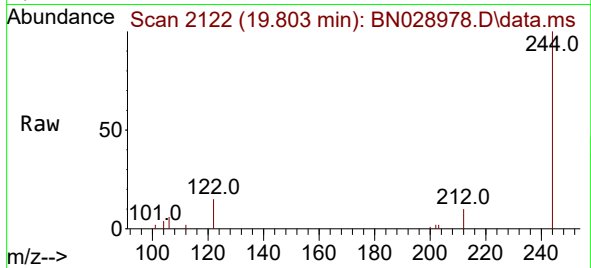




#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.803 min Scan# 2130
Delta R.T. -0.014 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

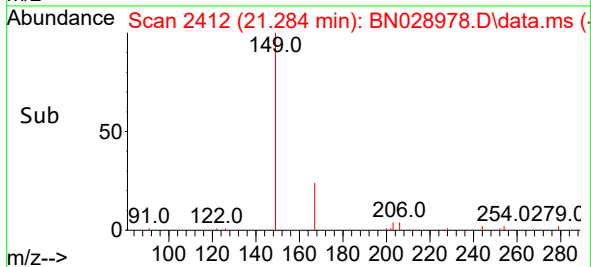
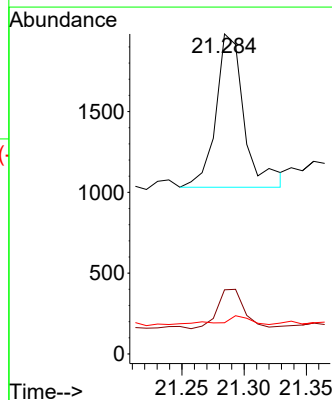
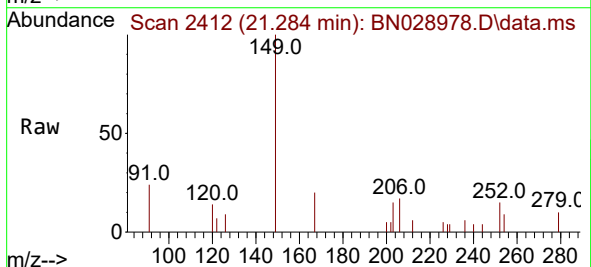
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20231111

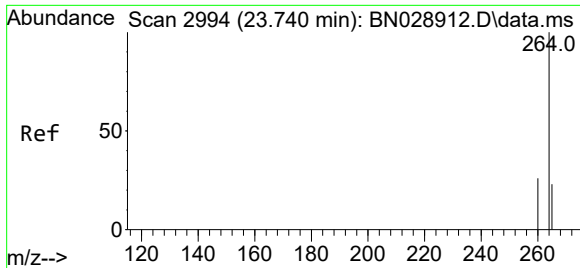
Tgt Ion:244 Resp: 8395
Ion Ratio Lower Upper
244 100
212 10.3 11.5 17.3#
122 14.6 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.284 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN028978.D
Acq: 02 Dec 2023 11:02

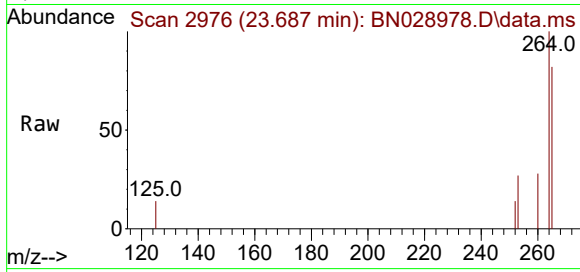
Tgt Ion:149 Resp: 1504
Ion Ratio Lower Upper
149 100
167 24.4 14.9 22.3#
279 5.2 6.3 9.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.687 min Scan# 2994
 Delta R.T. -0.021 min
 Lab File: BN028978.D
 Acq: 02 Dec 2023 11:02

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20231111



Tgt Ion:264 Resp: 6766
 Ion Ratio Lower Upper
 264 100
 260 27.6 20.6 30.8
 265 81.6 464.5 696.7#

