

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029967.D
 Acq On : 23 Feb 2024 21:27
 Operator : MA/JU
 Sample : P1507-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20240214

Quant Time: Feb 24 02:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

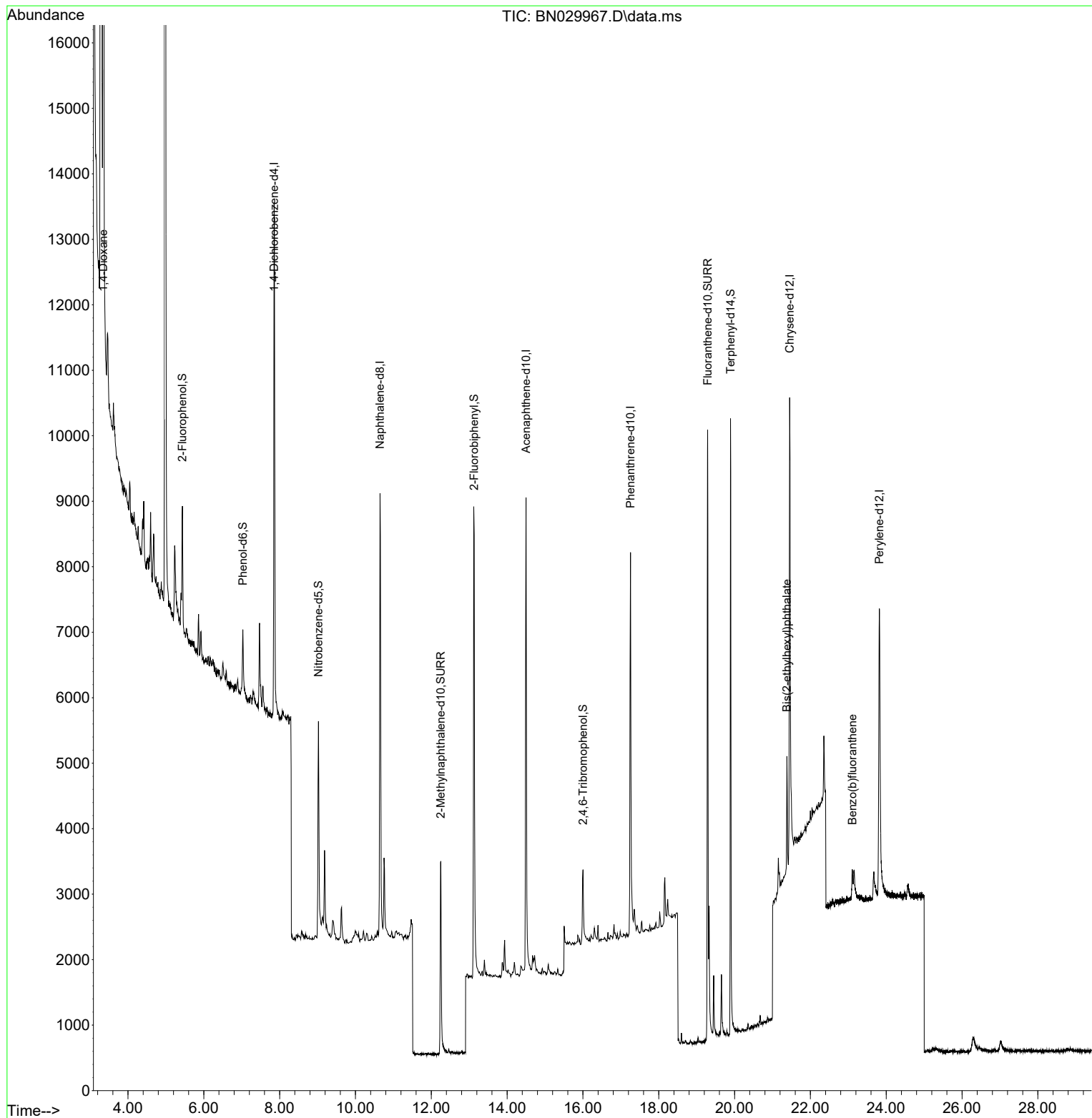
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4046	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	10371	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	4998	0.400	ng	-0.01
19) Phenanthrene-d10	17.256	188	9714	0.400	ng	0.00
29) Chrysene-d12	21.452	240	8817	0.400	ng	-0.01
35) Perylene-d12	23.819	264	8117	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1505	0.155	ng	0.00
5) Phenol-d6	7.031	99	1154	0.103	ng	0.00
8) Nitrobenzene-d5	9.025	82	3424	0.397	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	5022	0.356	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	769	0.480	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	7791	0.363	ng	0.00
27) Fluoranthene-d10	19.290	212	11867	0.504	ng	0.00
31) Terphenyl-d14	19.894	244	9737	0.445	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	19585	3.438	ng	96
34) Bis(2-ethylhexyl)phtha...	21.380	149	1856	0.090	ng	# 96
37) Benzo(b)fluoranthene	23.106	252	713	0.025	ng	# 1

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

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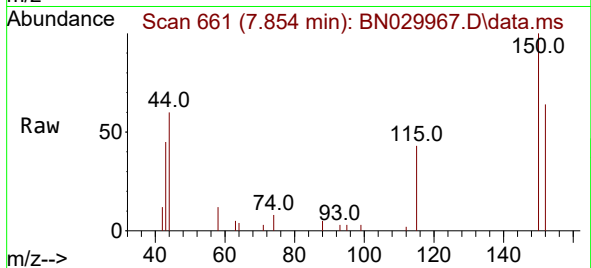
Quant Time: Feb 24 02:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



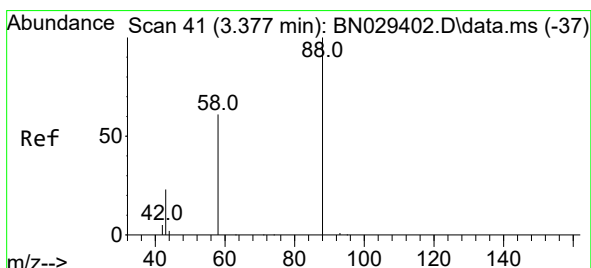
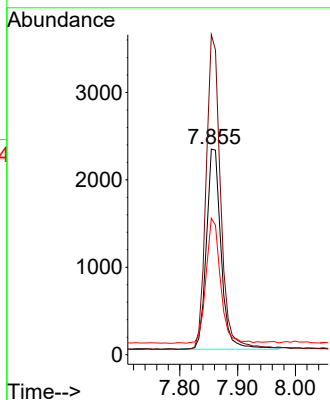
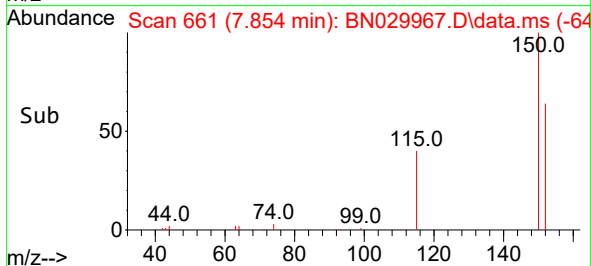


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. -0.014 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Instrument :
BNA_N
ClientSampleId :
RE132D1-20240214

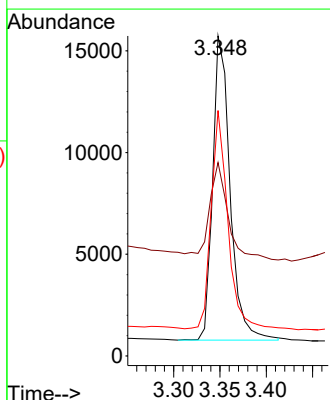
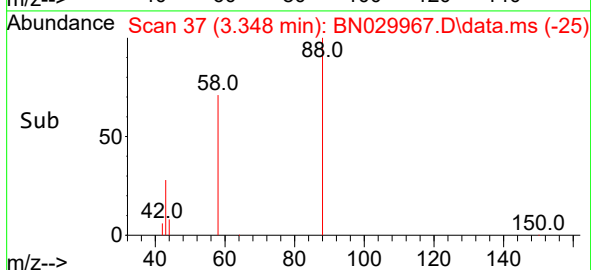
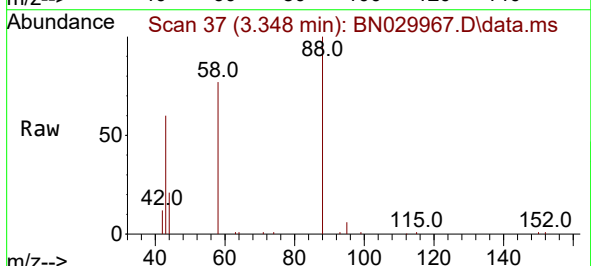


Tgt Ion:152 Resp: 4046
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 66.4 51.4 77.0



#2
1,4-Dioxane
Concen: 3.438 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.014 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Tgt Ion: 88 Resp: 19585
Ion Ratio Lower Upper
88 100
43 34.5 23.3 34.9
58 68.1 53.8 80.6





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.435 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN029967.D

Acq: 23 Feb 2024 21:27

Instrument :

BNA_N

ClientSampleId :

RE132D1-20240214

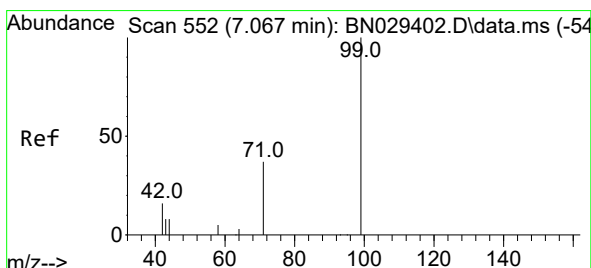
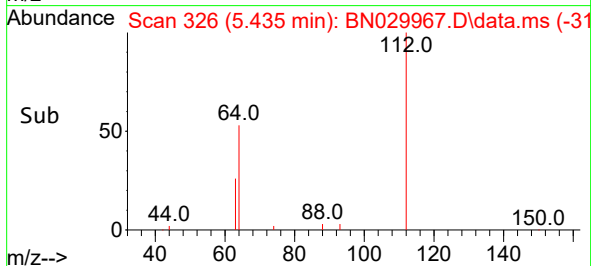
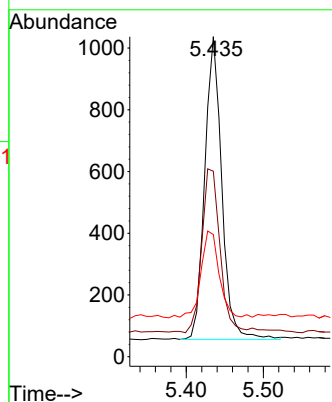
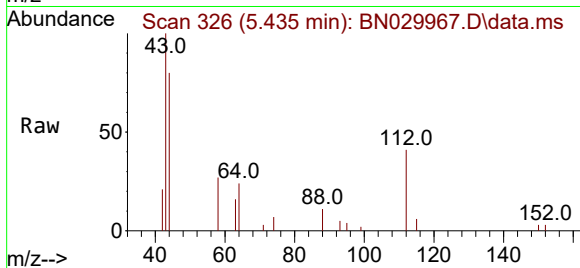
Tgt Ion:112 Resp: 1505

Ion Ratio Lower Upper

112 100

64 56.0 47.2 70.8

63 30.4 25.8 38.6



#5

Phenol-d6

Concen: 0.103 ng

RT: 7.031 min Scan# 547

Delta R.T. -0.007 min

Lab File: BN029967.D

Acq: 23 Feb 2024 21:27

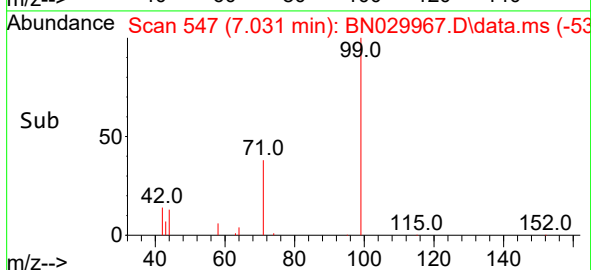
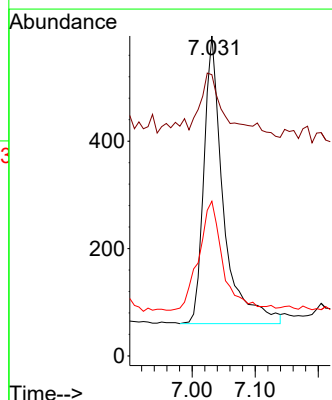
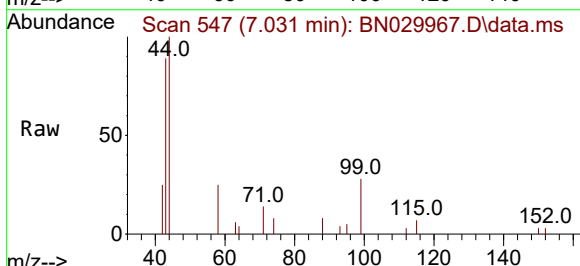
Tgt Ion: 99 Resp: 1154

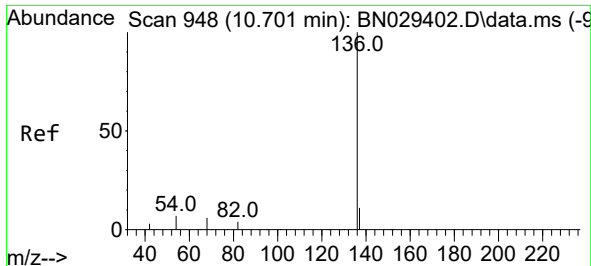
Ion Ratio Lower Upper

99 100

42 32.9 16.9 25.3#

71 46.3 30.0 45.0#

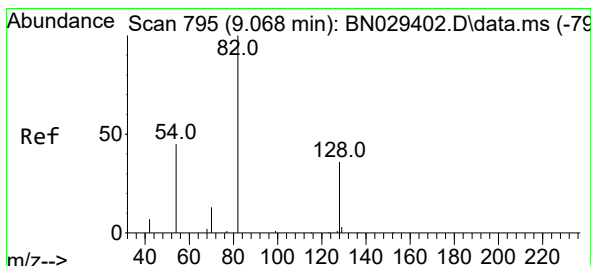
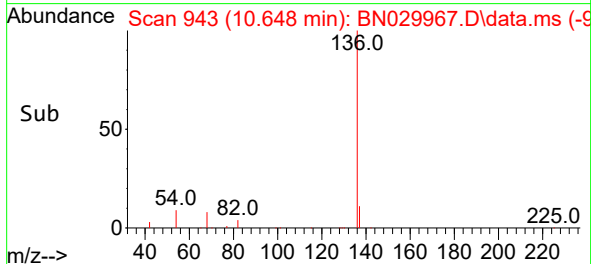
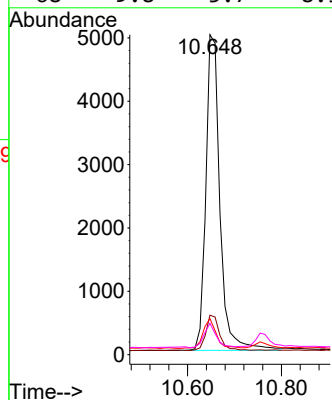
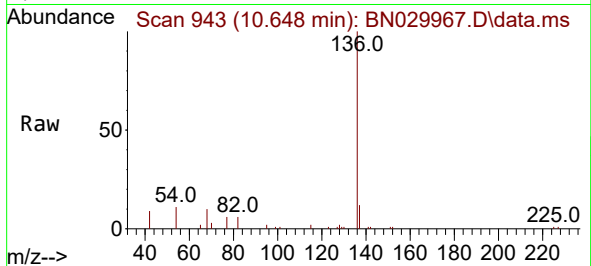




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. -0.021 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

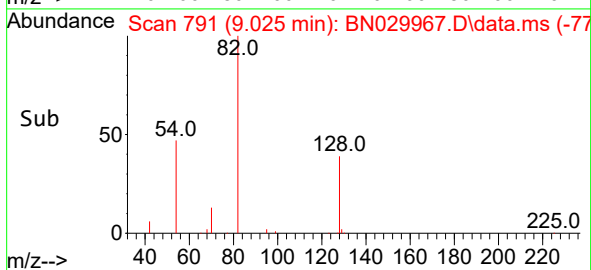
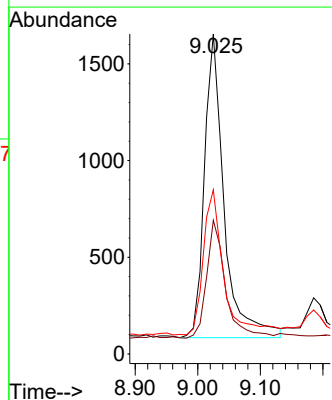
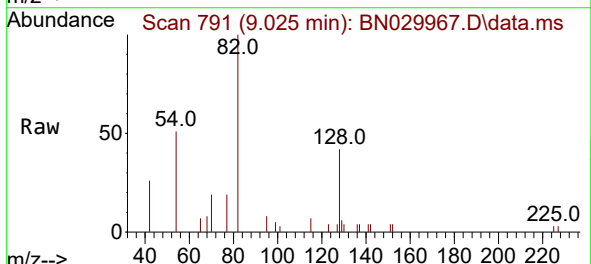
Instrument :
BNA_N
ClientSampleId :
RE132D1-20240214

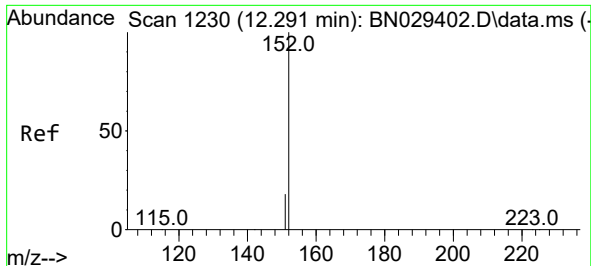
Tgt Ion:	136	Resp:	10371
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.7	14.5
54	11.3	6.6	10.0#
68	9.8	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Tgt Ion:	82	Resp:	3424
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.6	47.4
54	51.3	38.2	57.4

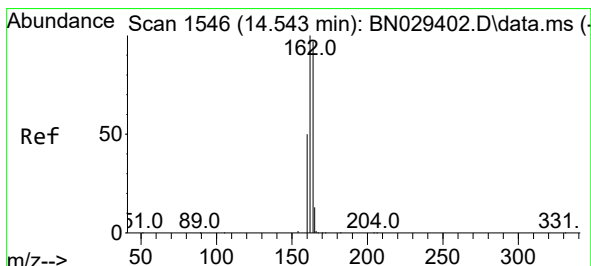
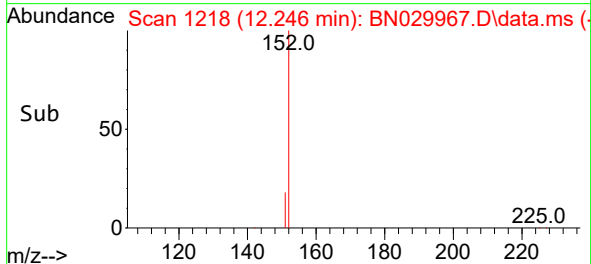
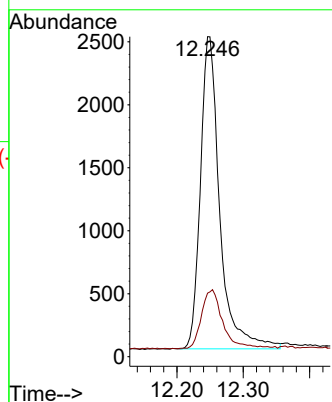
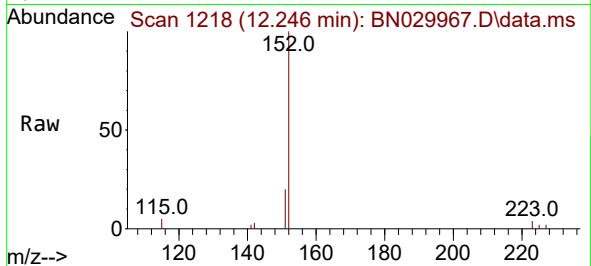




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

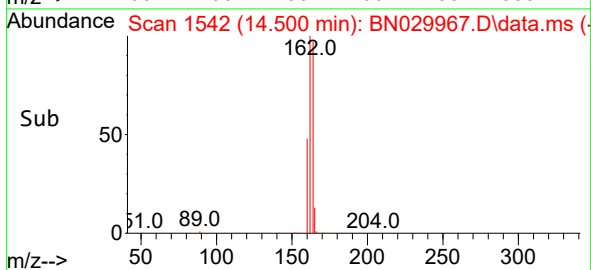
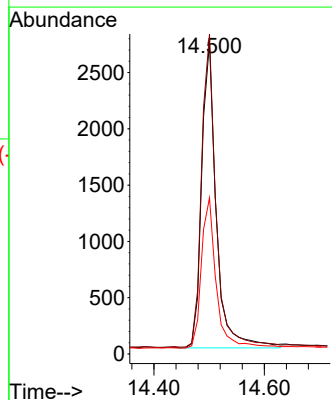
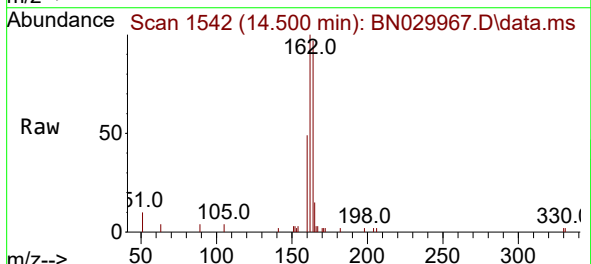
Instrument :
BNA_N
ClientSampleId :
RE132D1-20240214

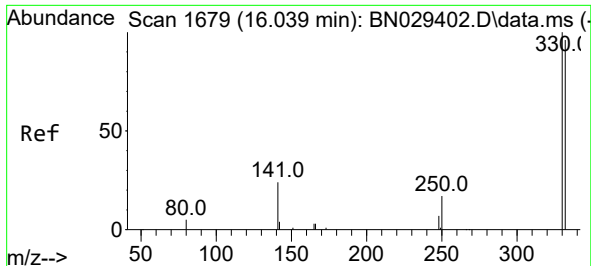
Tgt Ion:152 Resp: 5022
Ion Ratio Lower Upper
152 100
151 20.9 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Tgt Ion:164 Resp: 4998
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 50.1 41.5 62.3

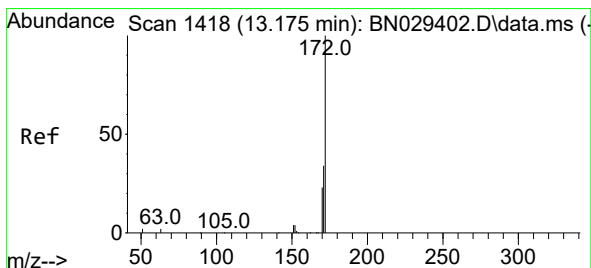
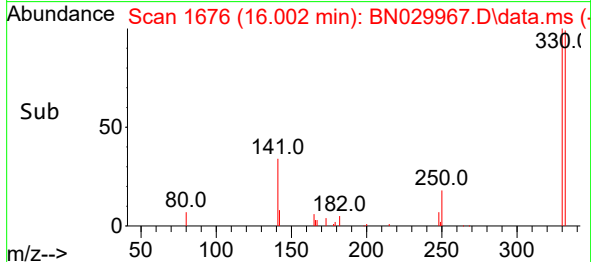
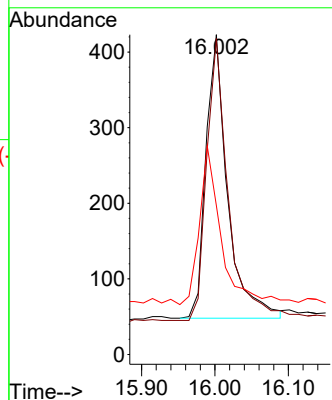
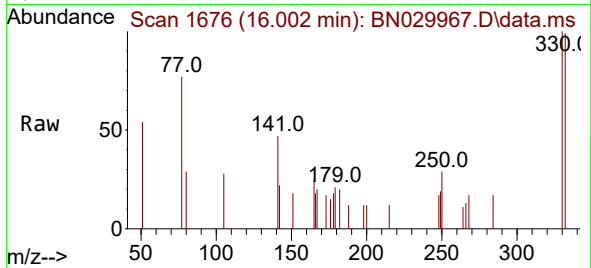




#14
2,4,6-Tribromophenol
Concen: 0.480 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

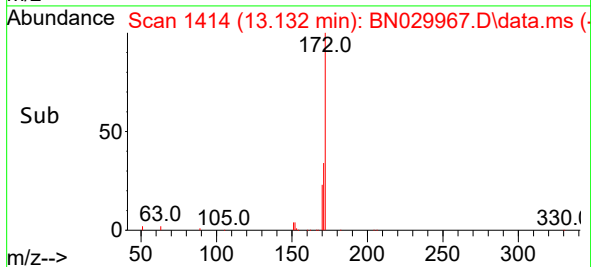
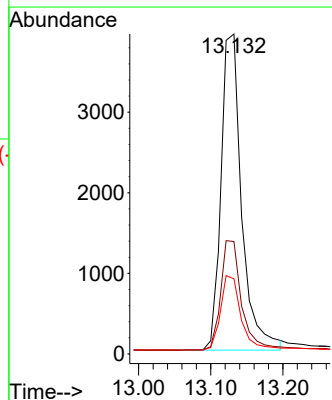
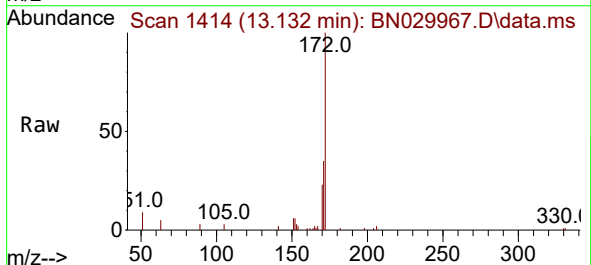
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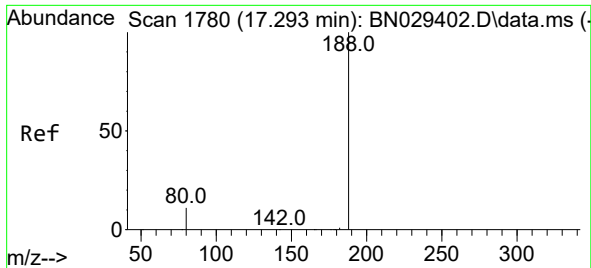
Tgt Ion:330 Resp: 769
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 55.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Tgt Ion:172 Resp: 7791
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.5 18.7 28.1

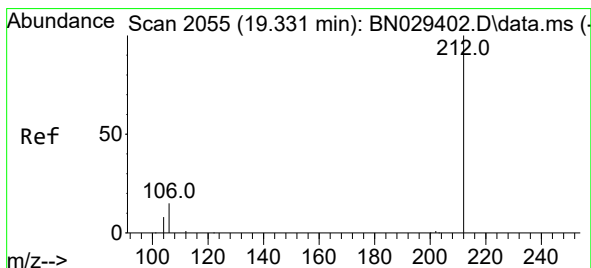
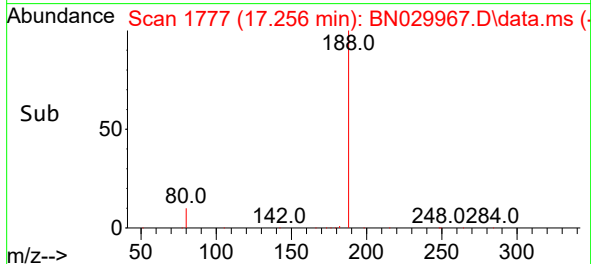
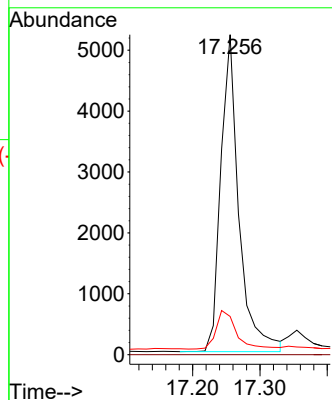
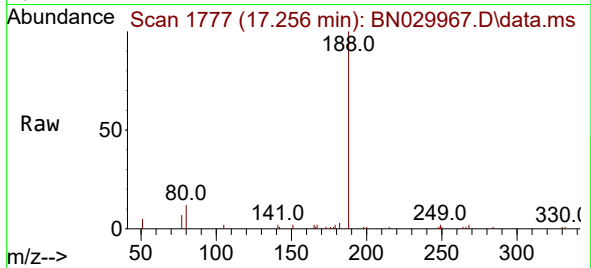




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

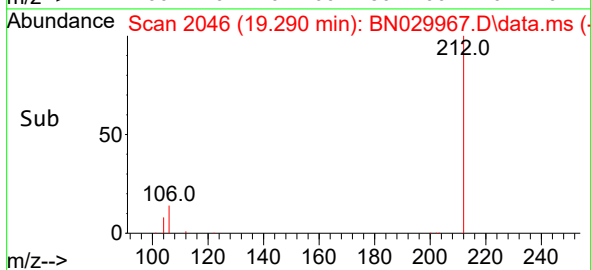
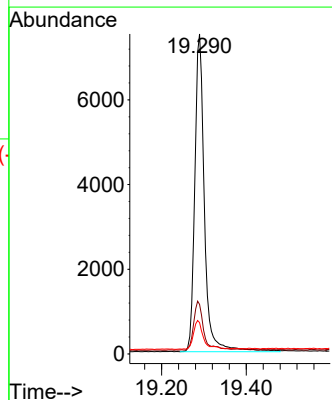
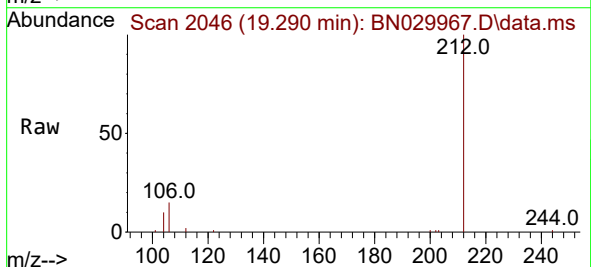
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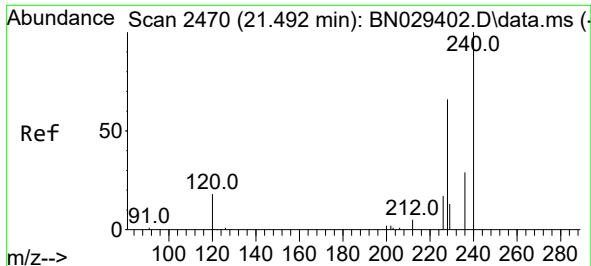
Tgt Ion:188 Resp: 9714
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.504 ng
RT: 19.290 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Tgt Ion:212 Resp: 11867
Ion Ratio Lower Upper
212 100
106 16.0 13.2 19.8
104 9.4 7.7 11.5

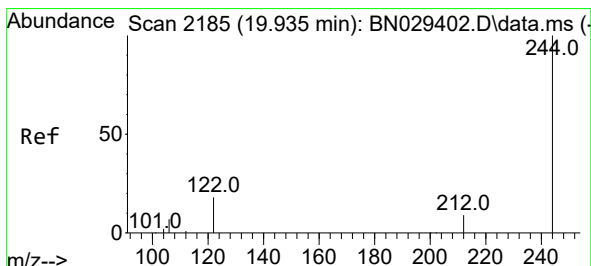
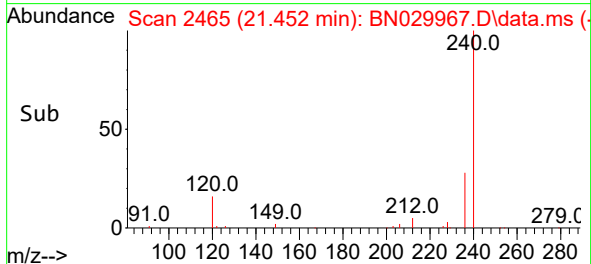
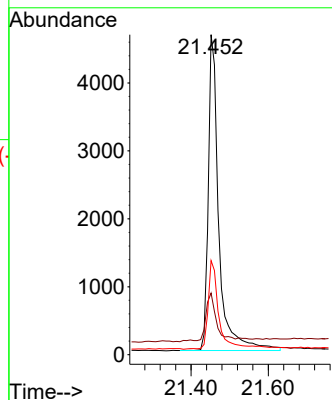
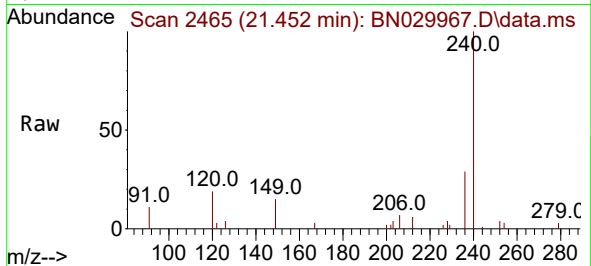




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.452 min Scan# 2470
Delta R.T. -0.013 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

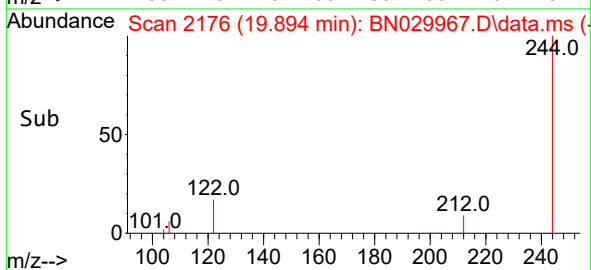
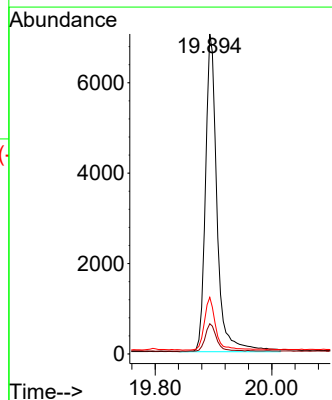
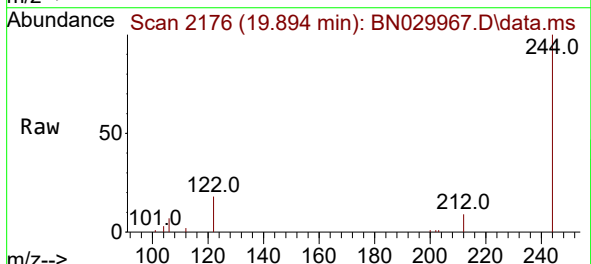
Instrument :
BNA_N
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RE132D1-20240214

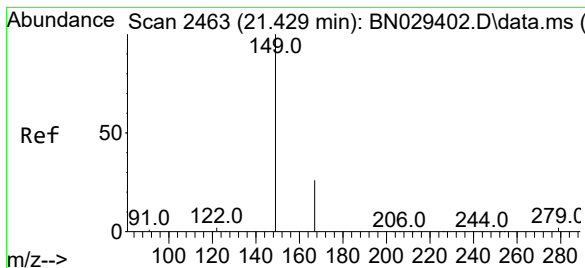
Tgt Ion:240 Resp: 8817
Ion Ratio Lower Upper
240 100
120 19.3 16.7 25.1
236 29.4 23.9 35.9



#31
Terphenyl-d14
Concen: 0.445 ng
RT: 19.894 min Scan# 2176
Delta R.T. -0.014 min
Lab File: BN029967.D
Acq: 23 Feb 2024 21:27

Tgt Ion:244 Resp: 9737
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.4
122 17.7 15.6 23.4

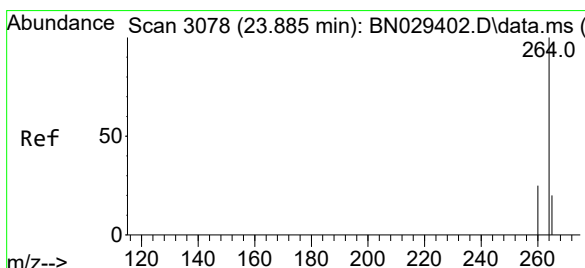
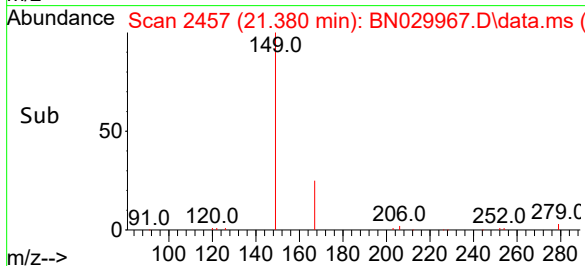
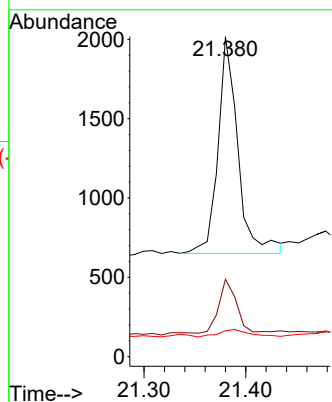
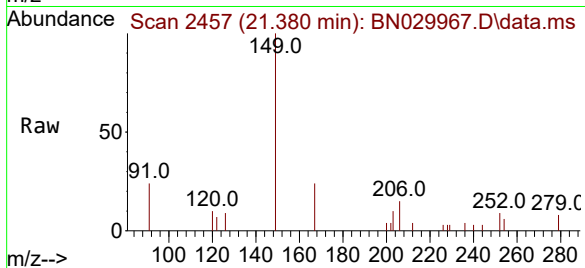




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.380 min Scan# 2463
 Delta R.T. -0.013 min
 Lab File: BN029967.D
 Acq: 23 Feb 2024 21:27

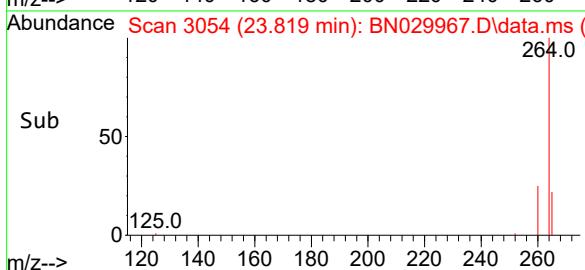
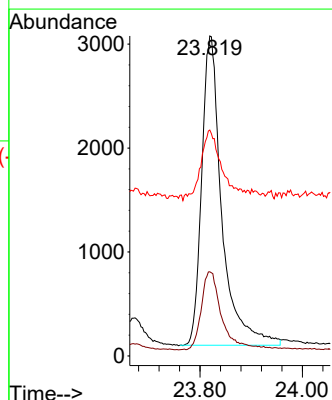
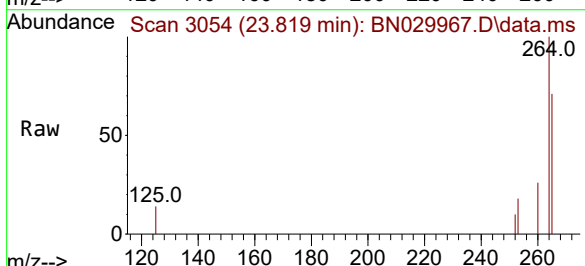
Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20240214

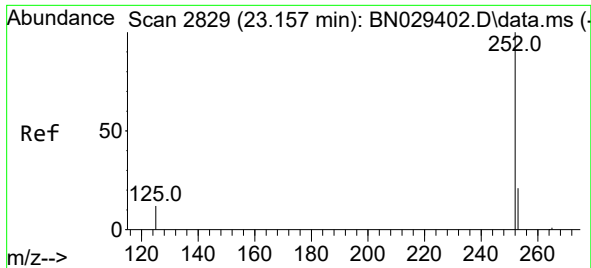
Tgt Ion:149 Resp: 1856
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.1 30.1
 279 5.3 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.819 min Scan# 3054
 Delta R.T. -0.013 min
 Lab File: BN029967.D
 Acq: 23 Feb 2024 21:27

Tgt Ion:264 Resp: 8117
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 70.6 41.5 62.3#





#37

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 23.106 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN029967.D

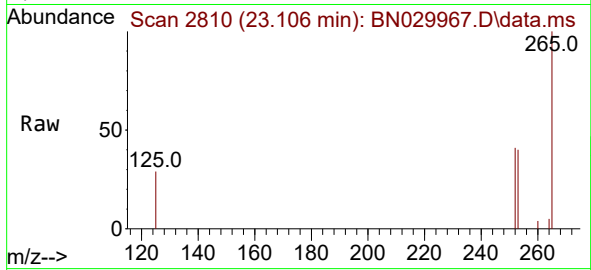
Acq: 23 Feb 2024 21:27

Instrument :

BNA_N

ClientSampleId :

RE132D1-20240214



Tgt Ion:252 Resp: 713

Ion Ratio Lower Upper

252 100

253 97.6 21.7 32.5#

125 70.8 13.3 19.9#

