

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021749.D
 Acq On : 14 Sep 2022 16:17
 Operator : CG/JU
 Sample : N4549-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-64

Quant Time: Sep 15 02:10:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

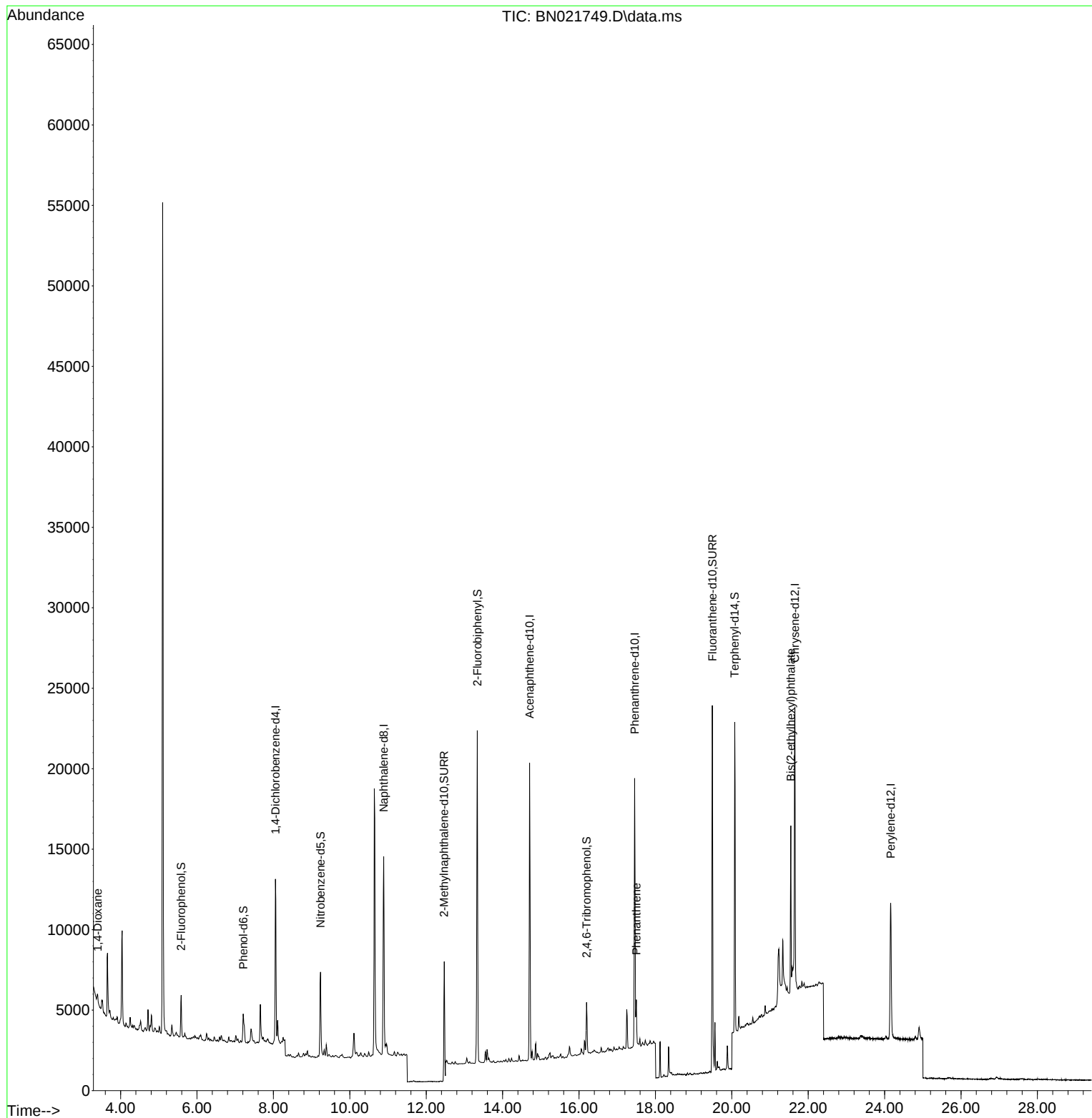
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5046	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	16702	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	10065	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	21284	0.400	ng	0.00
29) Chrysene-d12	21.652	240	16597	0.400	ng	0.00
35) Perylene-d12	24.158	264	12800	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2184	0.165	ng	0.00
5) Phenol-d6	7.209	99	1800	0.108	ng	0.00
8) Nitrobenzene-d5	9.233	82	4824	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	15912	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	1793	0.390	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	17541	0.427	ng	0.00
27) Fluoranthene-d10	19.490	212	24438	0.427	ng	0.00
31) Terphenyl-d14	20.076	244	17128	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	173	0.027	ng	Qvalue # 1
25) Phenanthrene	17.502	178	2957	0.041	ng	99
34) Bis(2-ethylhexyl)phtha...	21.544	149	9593	0.226	ng	98

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

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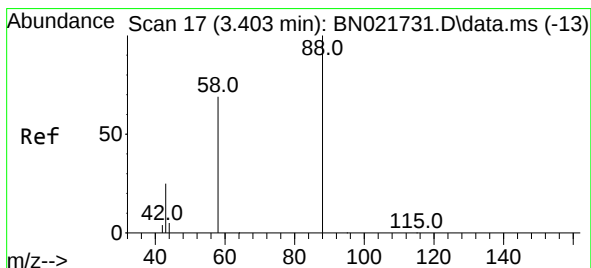
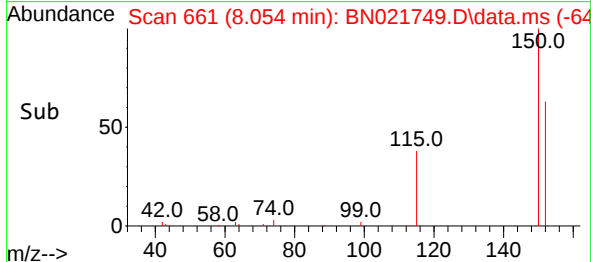
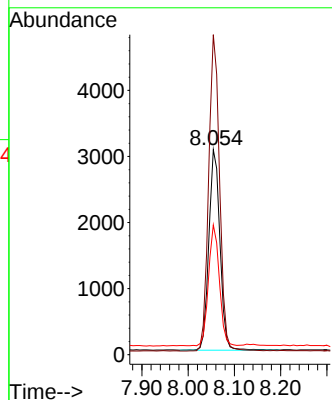
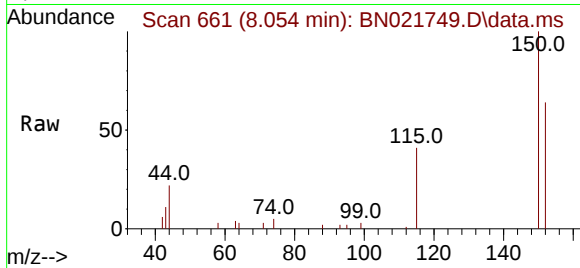




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 662
 Delta R.T. -0.008 min
 Lab File: BN021749.D
 Acq: 14 Sep 2022 16:17

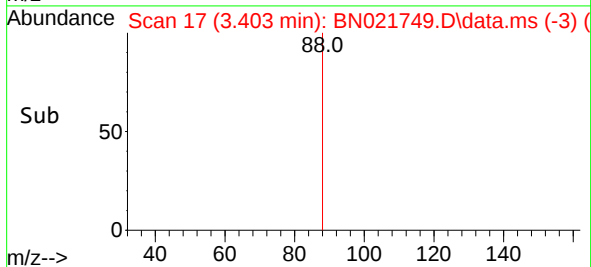
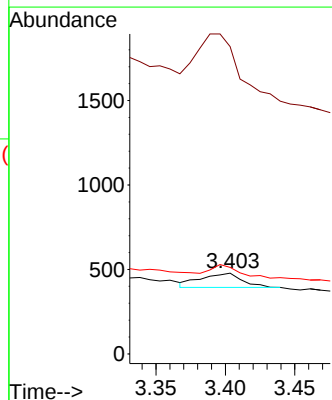
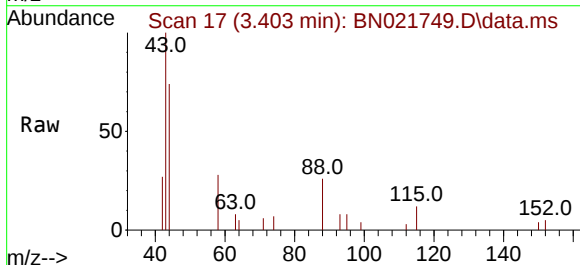
Instrument :
 BNA_N
 ClientSampleId :
 MW-64

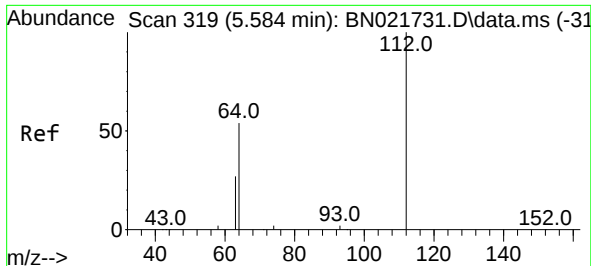
Tgt Ion: 152 Resp: 5046
 Ion Ratio Lower Upper
 152 100
 150 156.2 121.8 182.8
 115 63.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021749.D
 Acq: 14 Sep 2022 16:17

Tgt Ion: 88 Resp: 173
 Ion Ratio Lower Upper
 88 100
 43 498.3 24.2 36.2#
 58 62.4 60.2 90.4

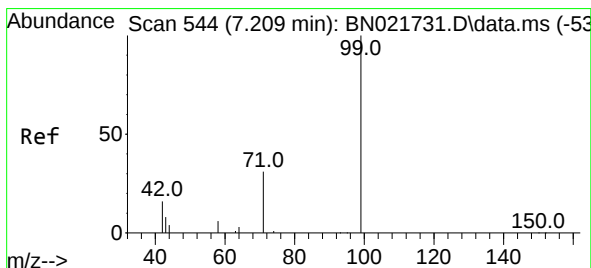
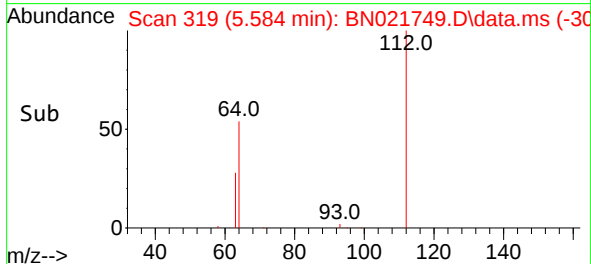
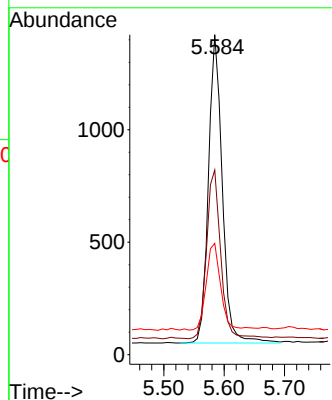
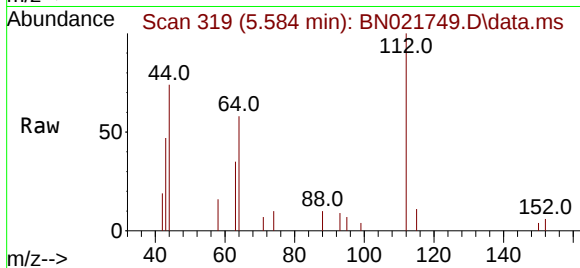




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

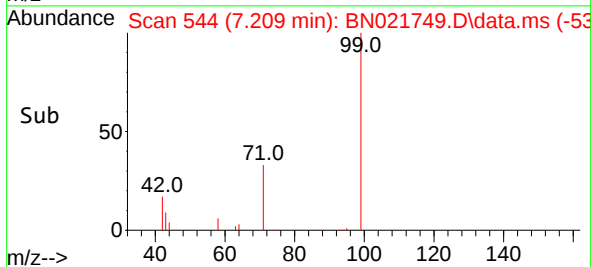
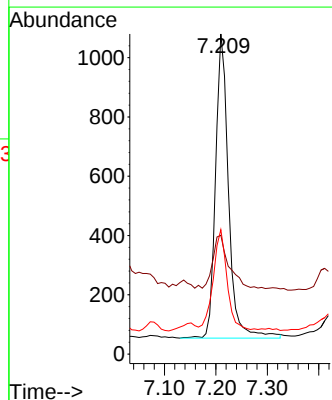
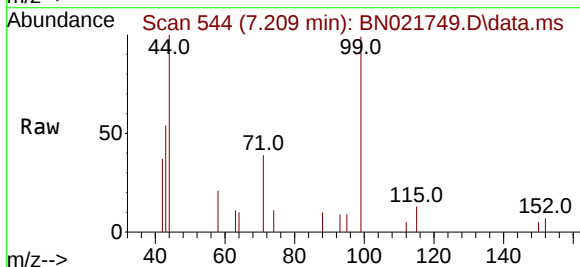
Instrument :
BNA_N
ClientSampleId :
MW-64

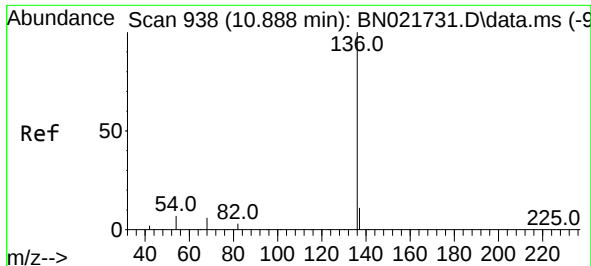
Tgt Ion: 112 Resp: 2184
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.2
63 29.2 23.3 34.9



#5
Phenol-d6
Concen: 0.108 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

Tgt Ion: 99 Resp: 1800
Ion Ratio Lower Upper
99 100
42 21.6 15.1 22.7
71 35.2 25.3 37.9

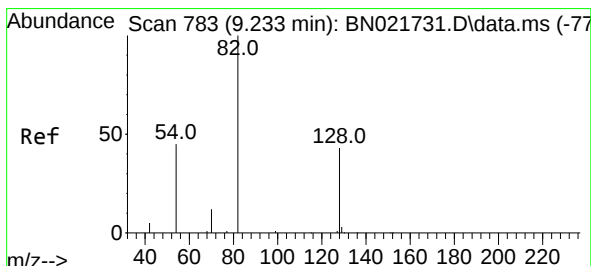
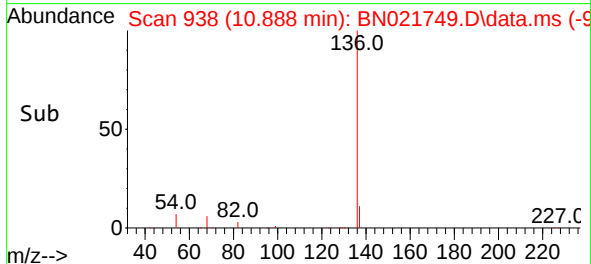
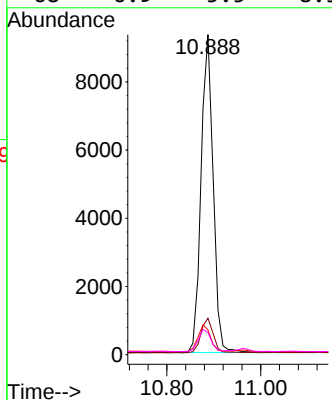
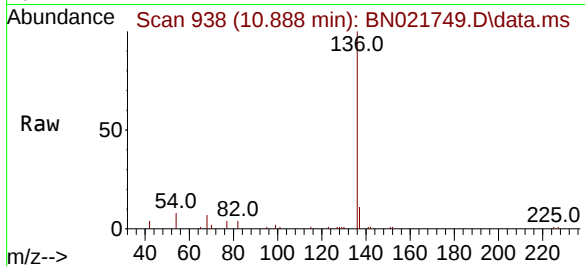




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

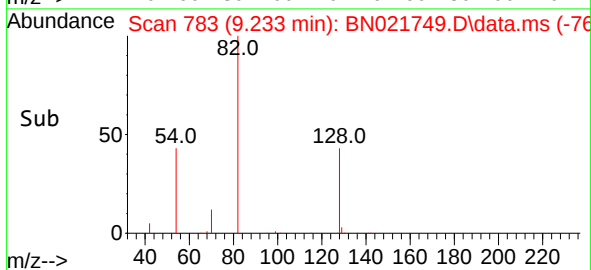
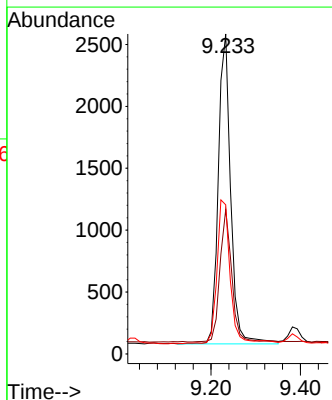
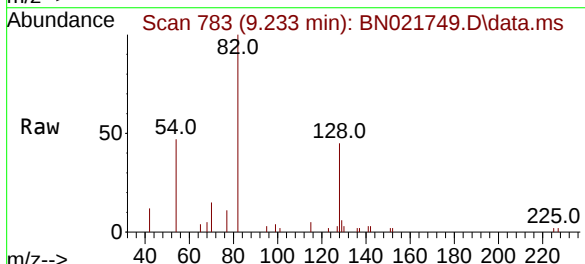
Instrument :
BNA_N
ClientSampleId :
MW-64

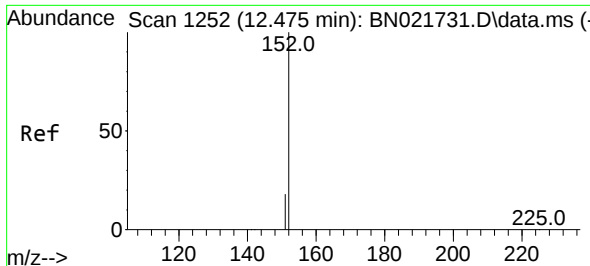
Tgt Ion:	136	Resp:	16702
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.8	6.4	9.6
68	6.9	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

Tgt Ion:	82	Resp:	4824
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.6	53.4
54	46.6	37.8	56.8

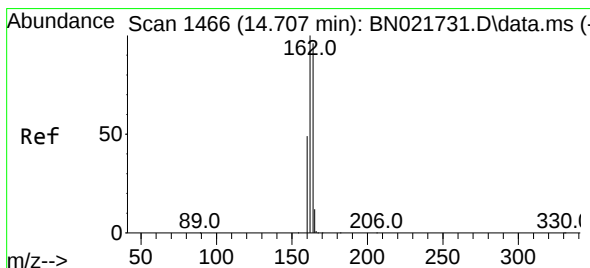
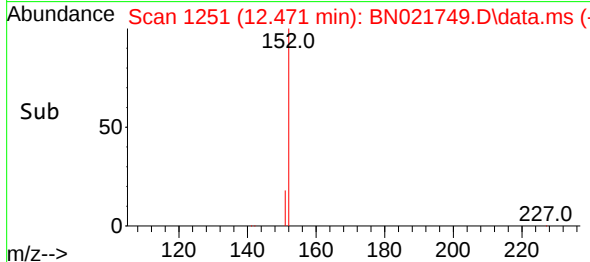
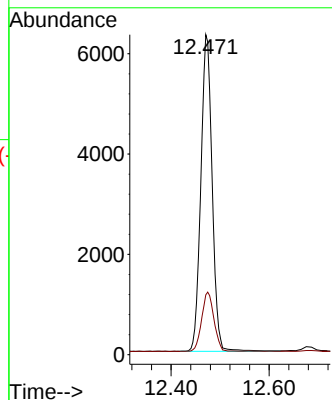
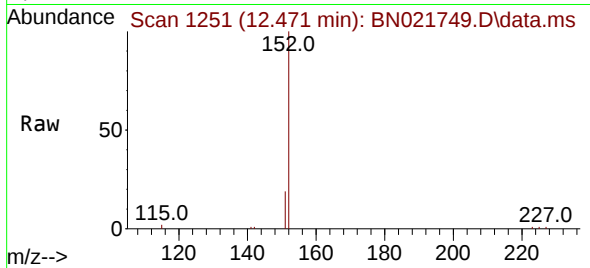




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

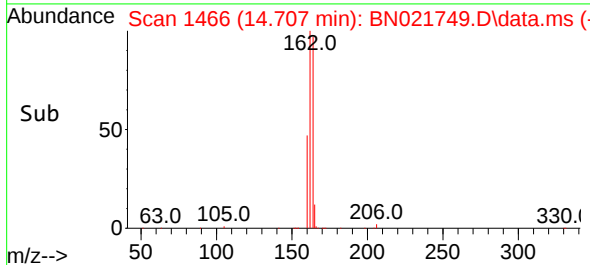
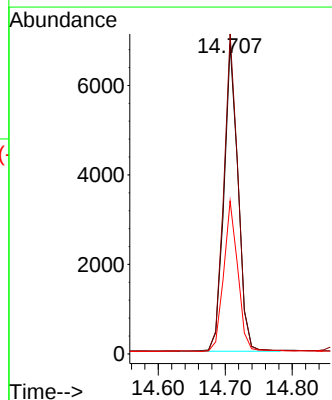
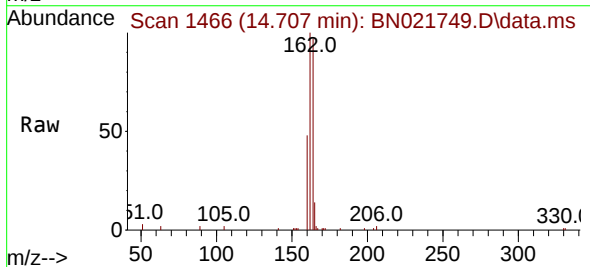
Instrument :
BNA_N
ClientSampleId :
MW-64

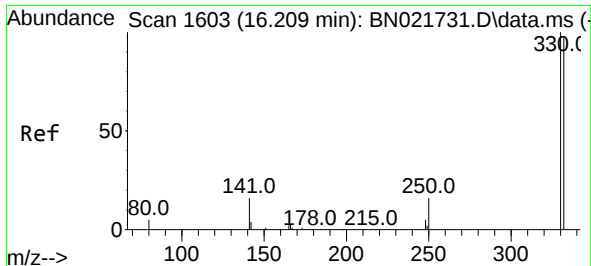
Tgt Ion:152 Resp: 15912
Ion Ratio Lower Upper
152 100
151 15.7 15.6 23.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

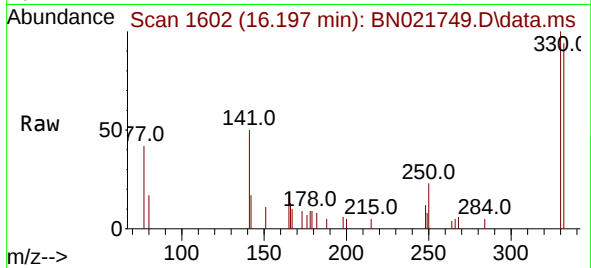
Tgt Ion:164 Resp: 10065
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 49.4 40.9 61.3



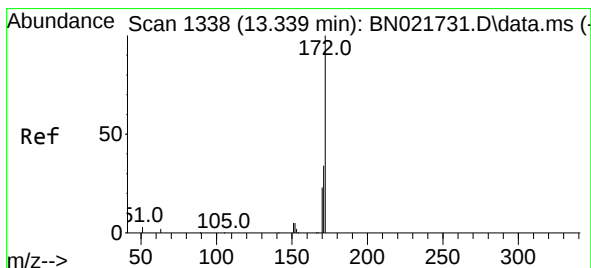
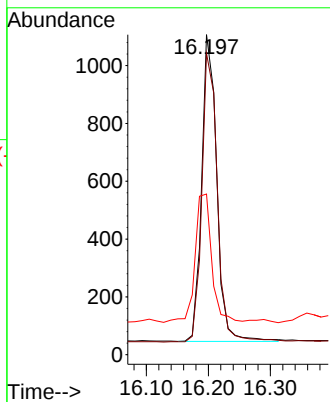
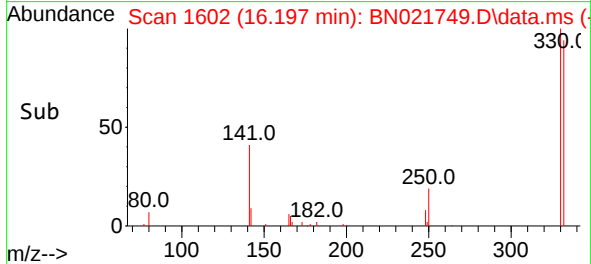


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

Instrument :
BNA_N
ClientSampleId :
MW-64

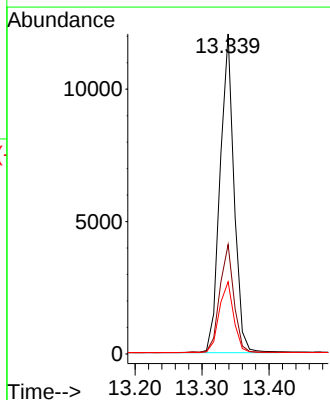
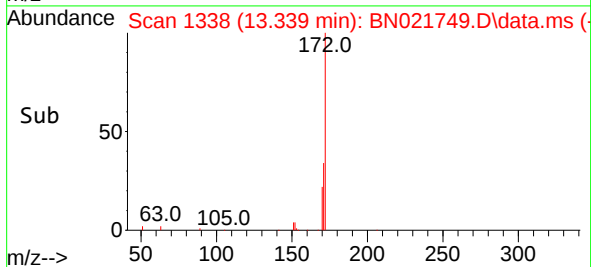
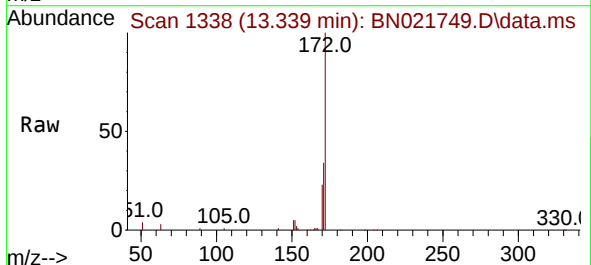


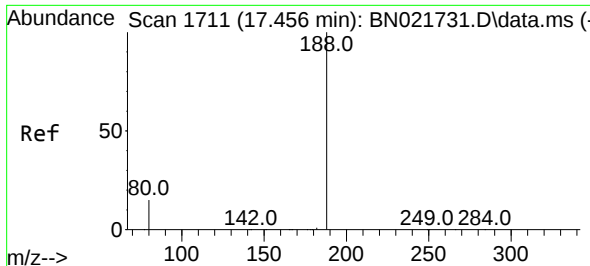
Tgt Ion: 330 Resp: 1793
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 46.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

Tgt Ion: 172 Resp: 17541
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 22.6 18.8 28.2

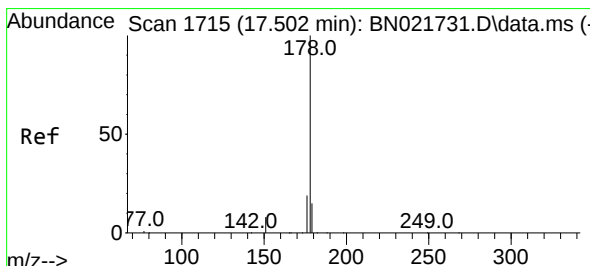
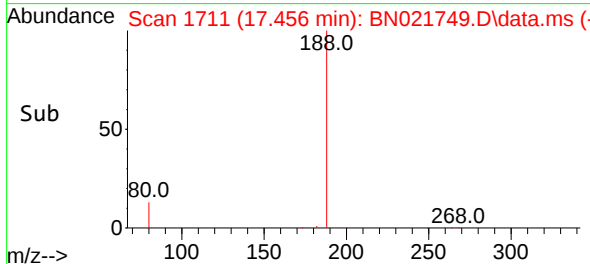
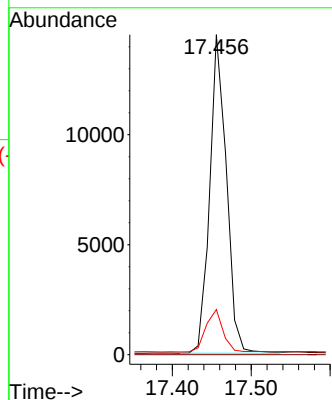
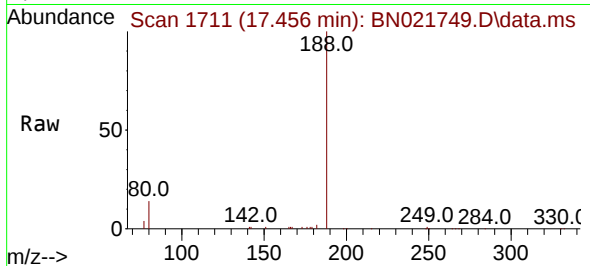




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

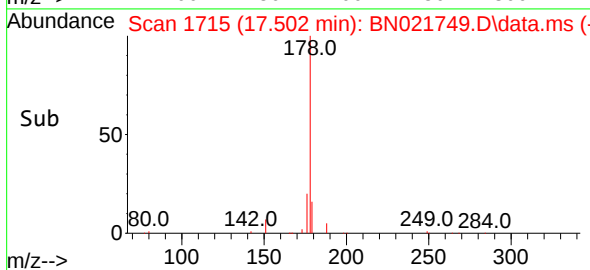
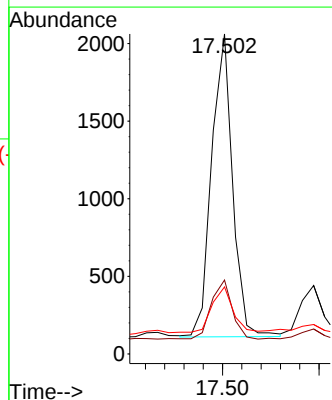
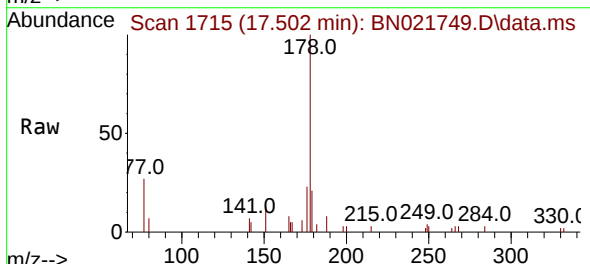
Instrument :
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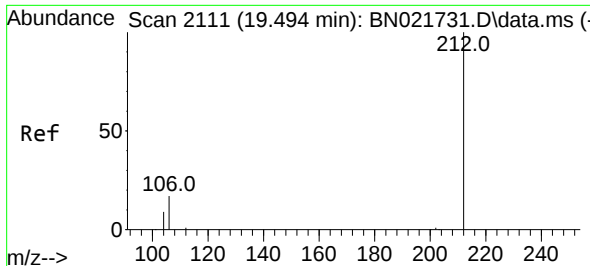
Tgt Ion:188 Resp: 21284
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 12.6 19.0



#25
Phenanthrene
Concen: 0.041 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

Tgt Ion:178 Resp: 2957
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 14.7 12.2 18.4

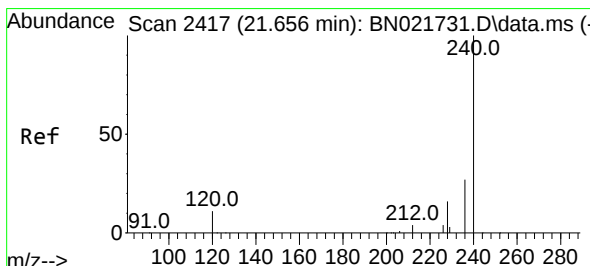
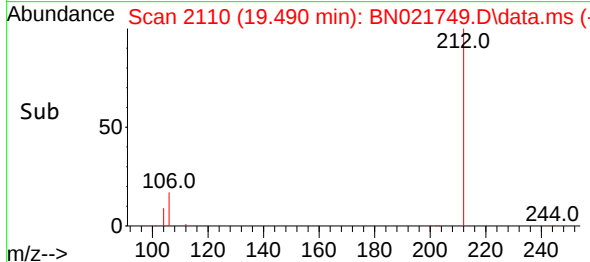
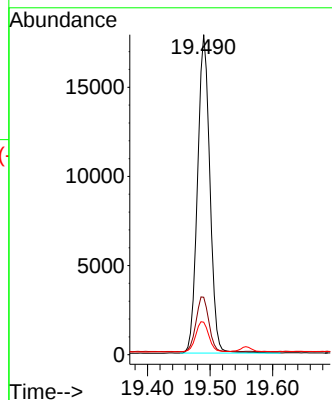
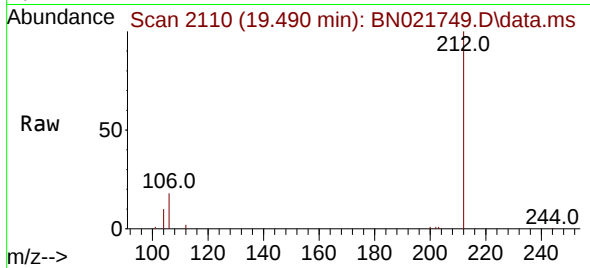




#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.490 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

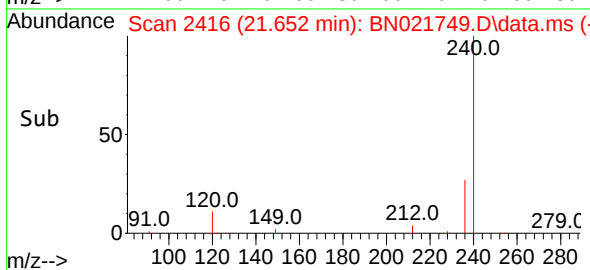
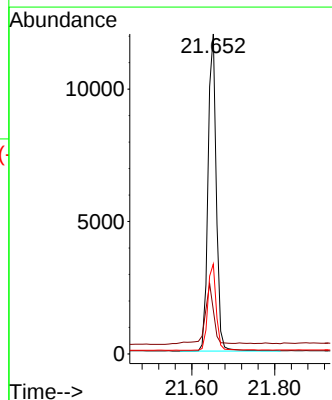
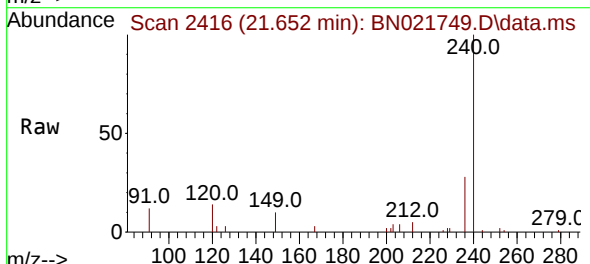
Instrument :
BNA_N
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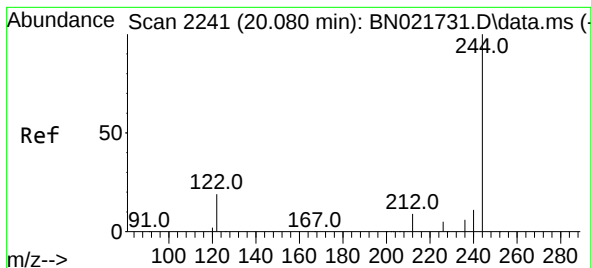
Tgt Ion:212 Resp: 24438
Ion Ratio Lower Upper
212 100
106 17.9 14.3 21.5
104 10.1 8.0 12.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN021749.D
Acq: 14 Sep 2022 16:17

Tgt Ion:240 Resp: 16597
Ion Ratio Lower Upper
240 100
120 13.7 9.8 14.8
236 28.1 22.2 33.4





#31

Terphenyl-d14

Concen: 0.451 ng

RT: 20.076 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN021749.D

Acq: 14 Sep 2022 16:17

Instrument :

BNA_N

ClientSampleId :

MW-64

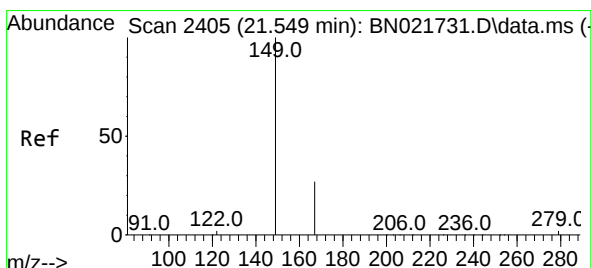
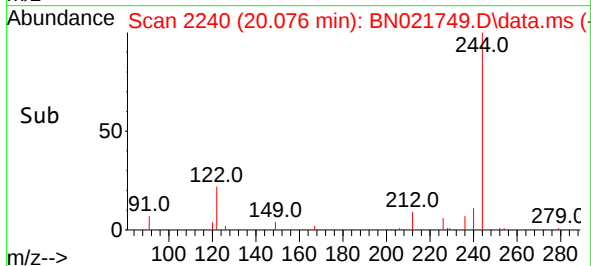
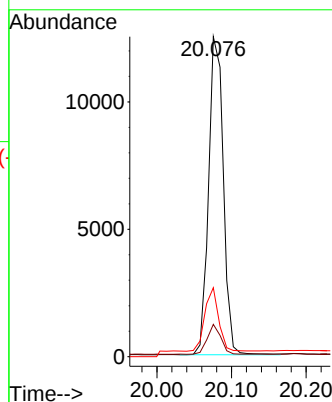
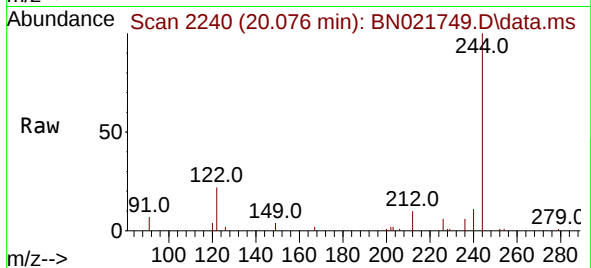
Tgt Ion:244 Resp: 17128

Ion Ratio Lower Upper

244 100

212 10.1 7.9 11.9

122 21.6 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.226 ng

RT: 21.544 min Scan# 2404

Delta R.T. -0.004 min

Lab File: BN021749.D

Acq: 14 Sep 2022 16:17

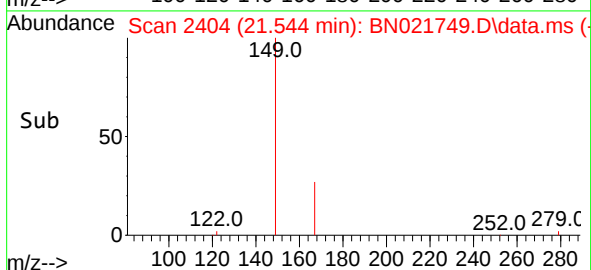
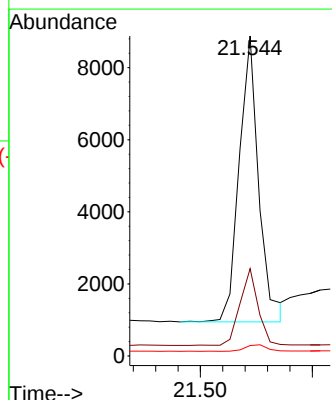
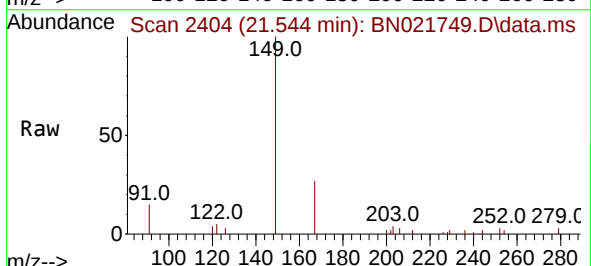
Tgt Ion:149 Resp: 9593

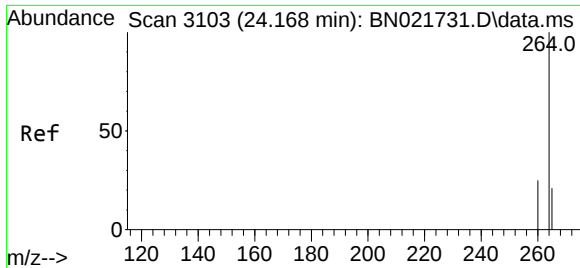
Ion Ratio Lower Upper

149 100

167 25.2 20.8 31.2

279 2.7 2.1 3.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.158 min Scan# 31

Delta R.T. -0.010 min

Lab File: BN021749.D

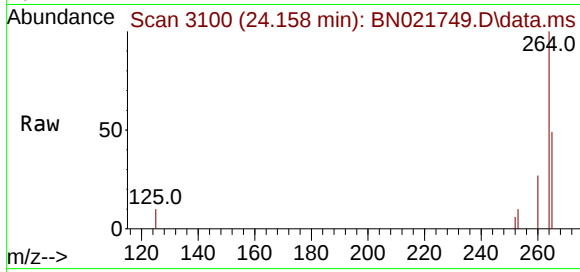
Acq: 14 Sep 2022 16:17

Instrument :

BNA_N

ClientSampleId :

MW-64



Tgt Ion:264 Resp: 12800

Ion Ratio Lower Upper

264 100

260 26.8 20.6 31.0

265 48.9 34.4 51.6

