

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027127.D
 Acq On : 25 Aug 2023 20:16
 Operator : MA/JU
 Sample : 04024-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20230815

Quant Time: Aug 26 02:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

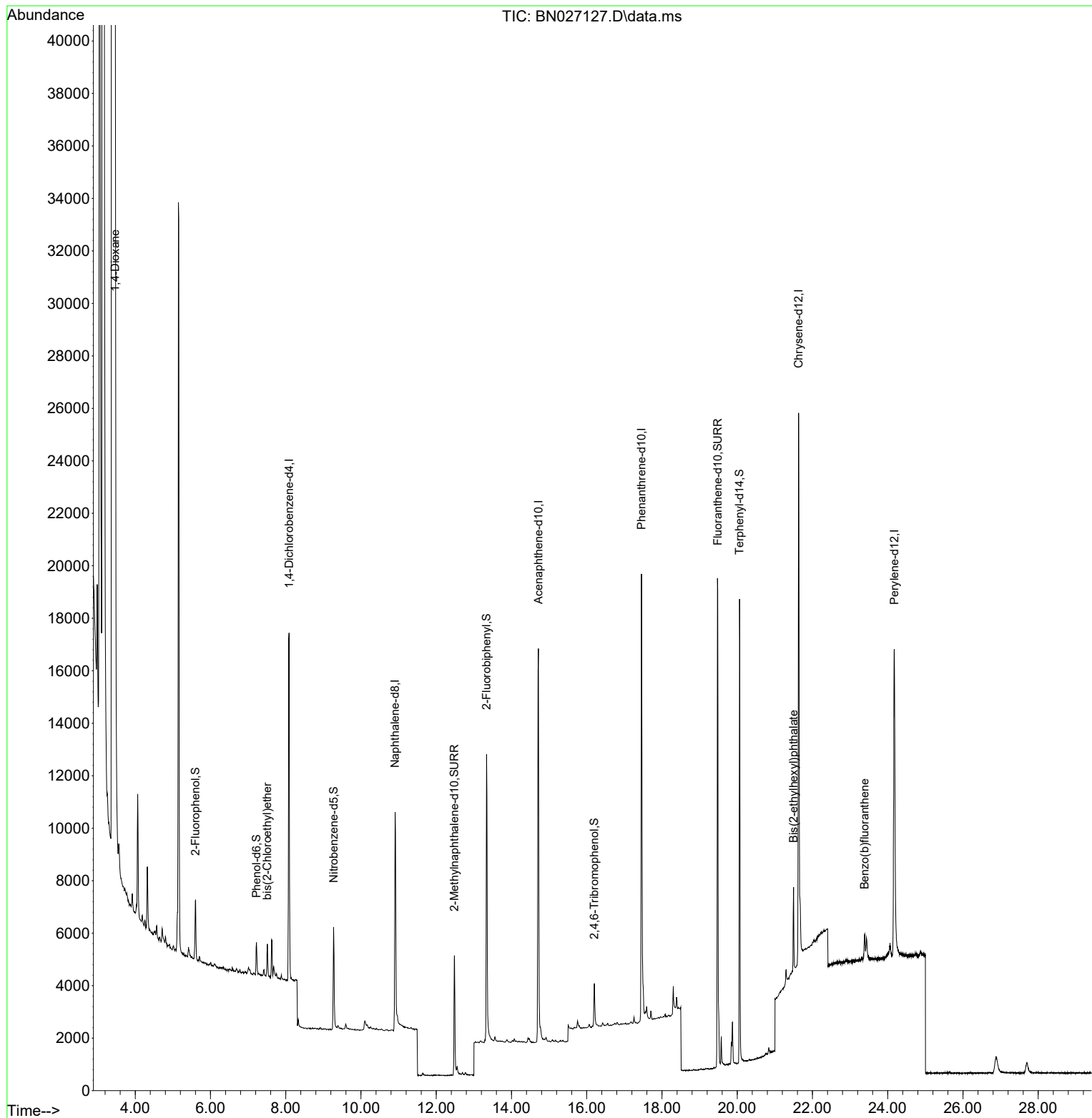
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	6773	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	13749	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	10425	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	25054	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	21834	0.400	ng	# 0.00
35) Perylene-d12	24.174	264	21102	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	1957	0.103	ng	0.00
5) Phenol-d6	7.221	99	1330	0.056	ng	0.00
8) Nitrobenzene-d5	9.273	82	3447	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	7280	0.333	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1081	0.195	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11257	0.291	ng	0.00
27) Fluoranthene-d10	19.481	212	21837	0.340	ng	0.00
31) Terphenyl-d14	20.062	244	17424	0.382	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	17123	2.351	ng	# 87
6) bis(2-Chloroethyl)ether	7.510	93	974	0.049	ng	99
34) Bis(2-ethylhexyl)phtha...	21.498	149	3331	0.059	ng	# 97
37) Benzo(b)fluoranthene	23.388	252	1483	0.021	ng	# 1

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

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Operator : MA/JU
Sample : 04024-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D2-20230815

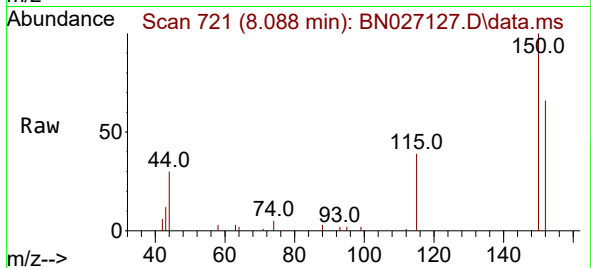
Quant Time: Aug 26 02:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



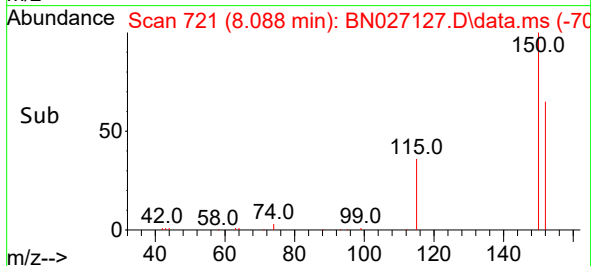
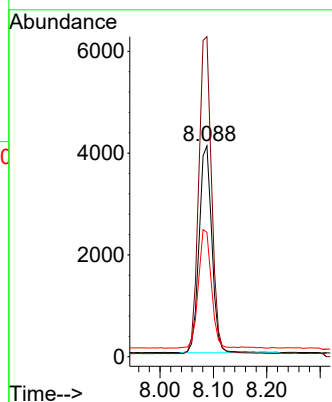


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.088 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Instrument :
BNA_N
ClientSampleId :
RE108D2-20230815

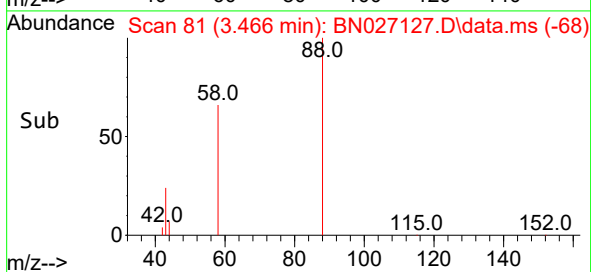
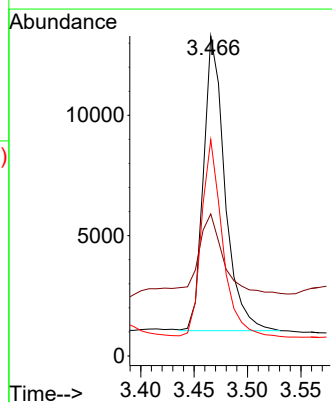
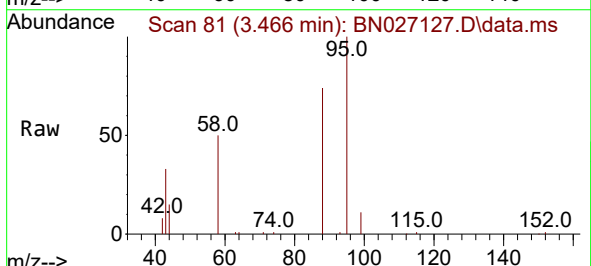


Tgt Ion:152 Resp: 6773
Ion Ratio Lower Upper
152 100
150 151.9 123.8 185.6
115 59.0 49.7 74.5



#2
1,4-Dioxane
Concen: 2.351 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion: 88 Resp: 17123
Ion Ratio Lower Upper
88 100
43 43.7 19.2 28.8#
58 65.2 54.5 81.7

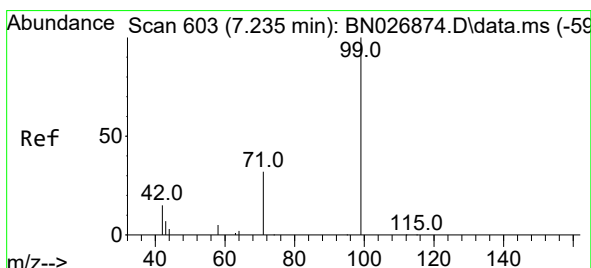
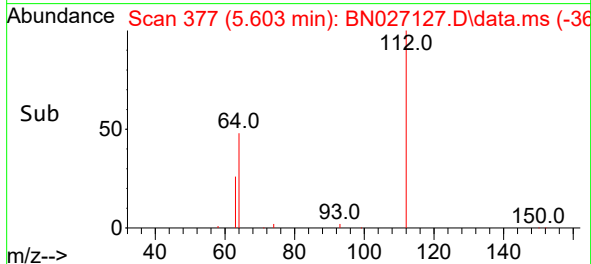
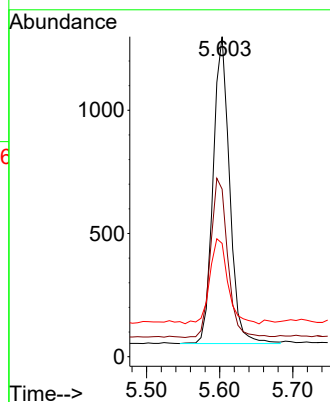
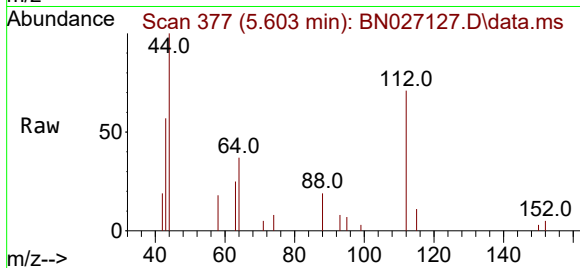




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.603 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

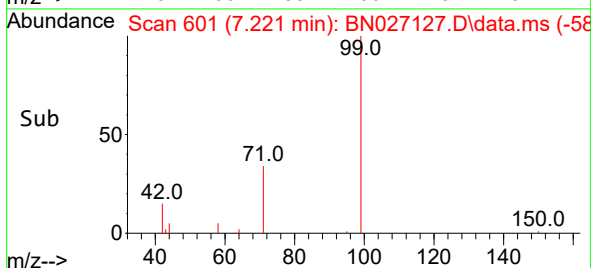
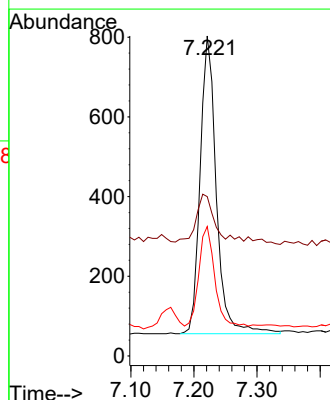
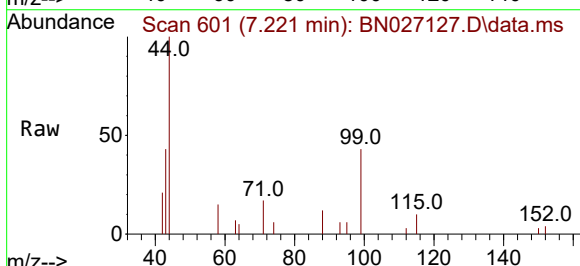
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230815

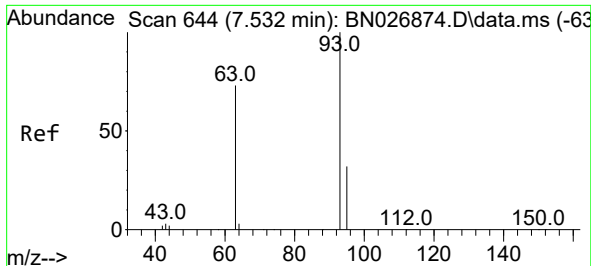
Tgt Ion:	112	Resp:	1957
Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.5	62.3
63	30.4	21.7	32.5



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.221 min Scan# 601
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion:	99	Resp:	1330
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	32.1	26.0	39.0

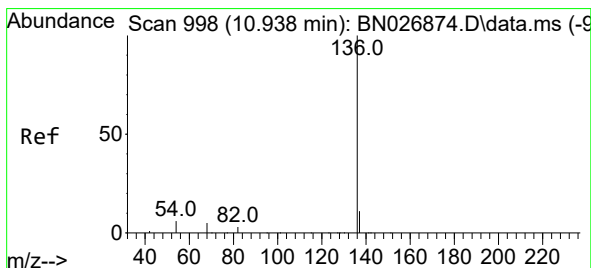
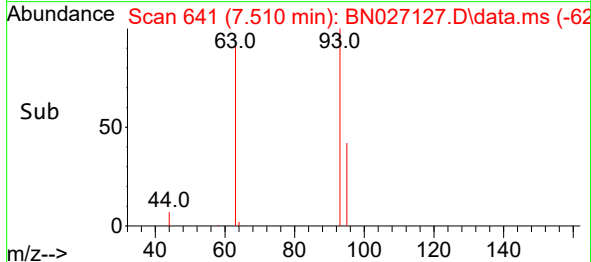
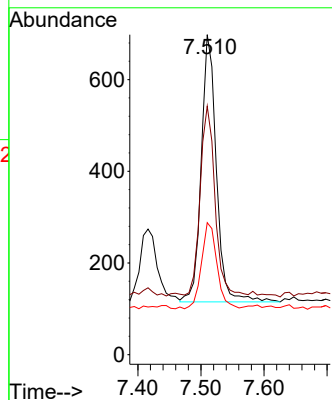
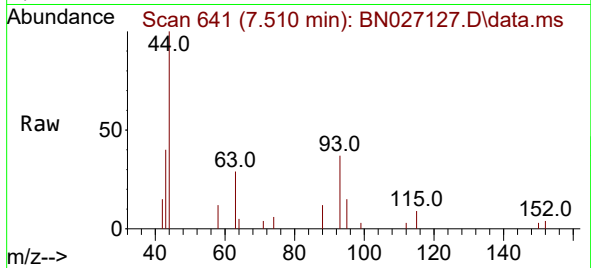




#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.510 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

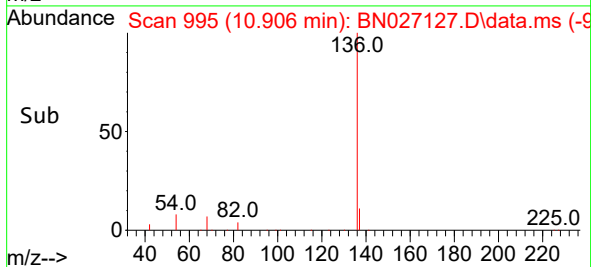
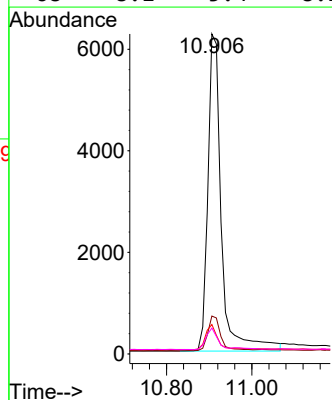
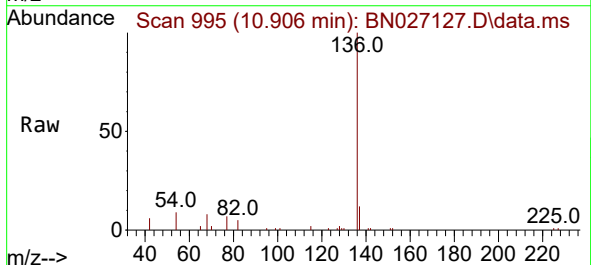
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230815

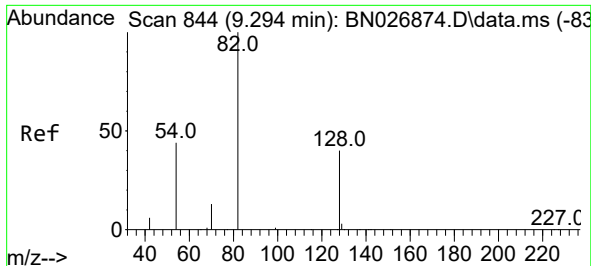
Tgt Ion: 93 Resp: 974
Ion Ratio Lower Upper
93 100
63 68.3 55.0 82.4
95 33.1 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion: 136 Resp: 13749
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.2 5.5 8.3#
68 8.1 5.4 8.2

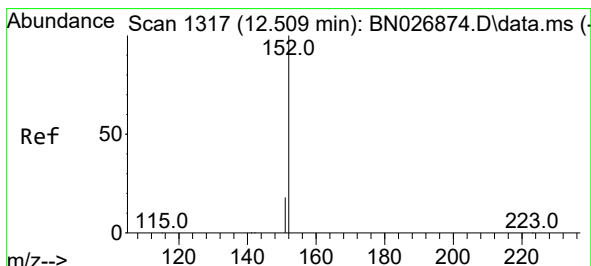
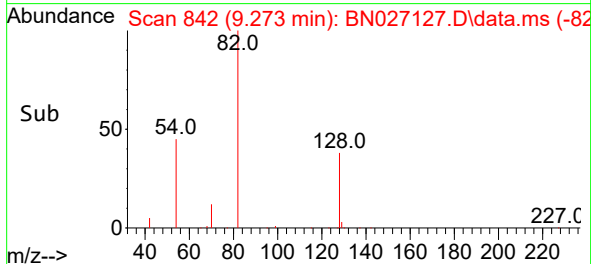
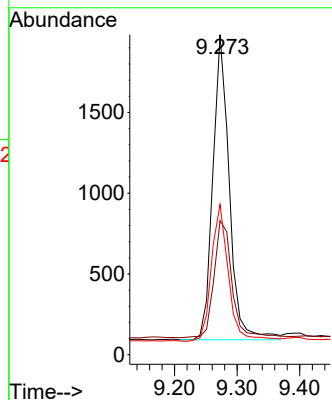
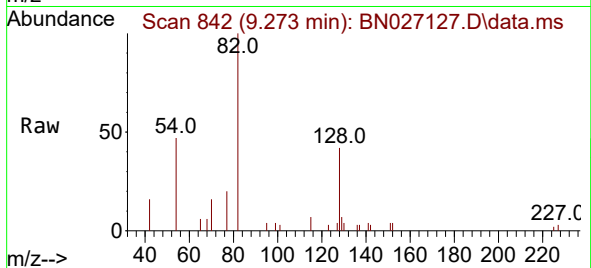




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.273 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

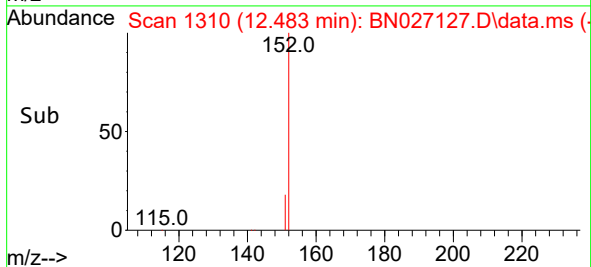
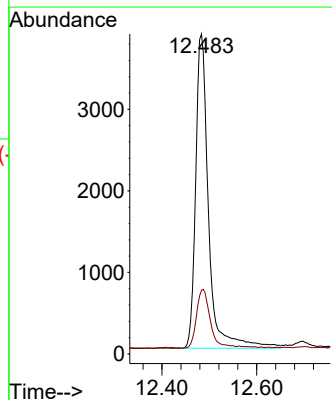
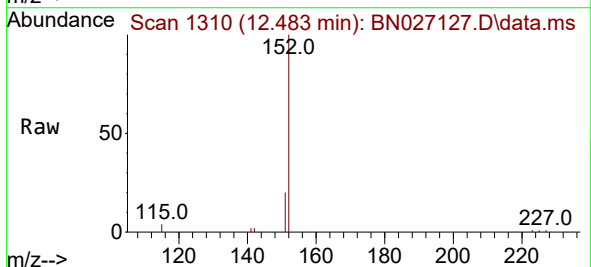
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230815

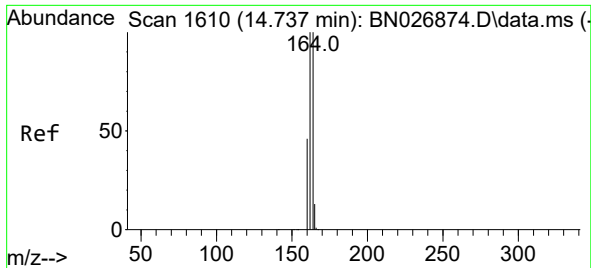
Tgt Ion: 82 Resp: 3447
Ion Ratio Lower Upper
82 100
128 41.9 34.1 51.1
54 46.9 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.483 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion: 152 Resp: 7280
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5

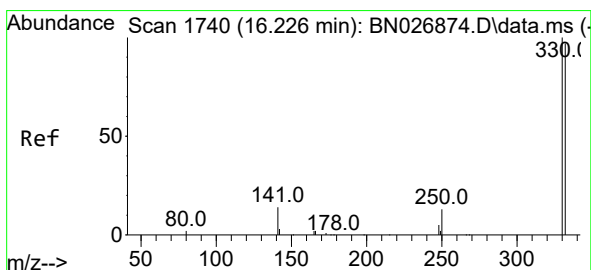
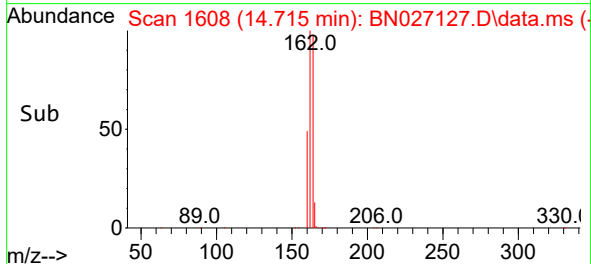
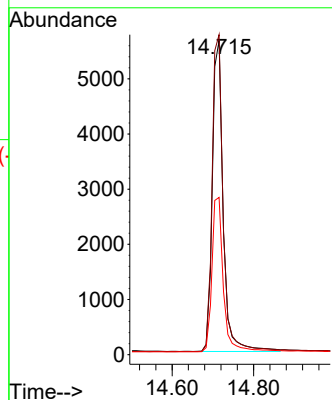
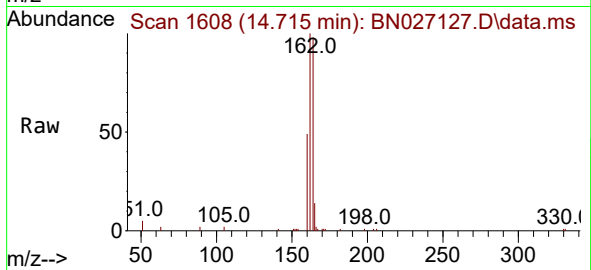




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

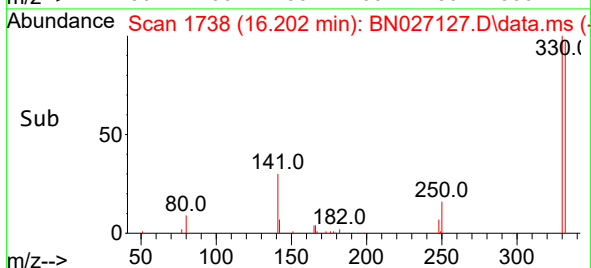
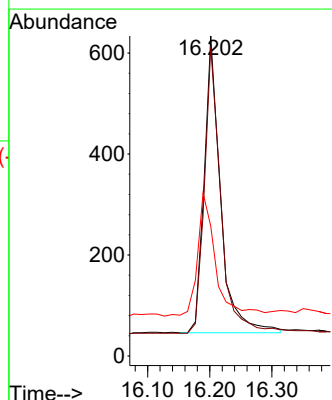
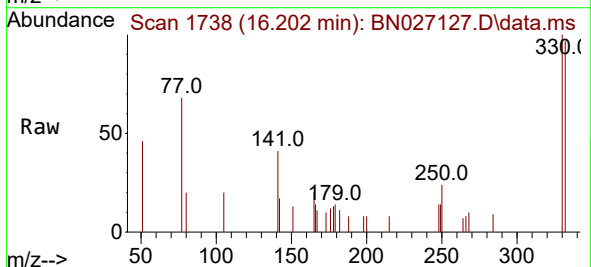
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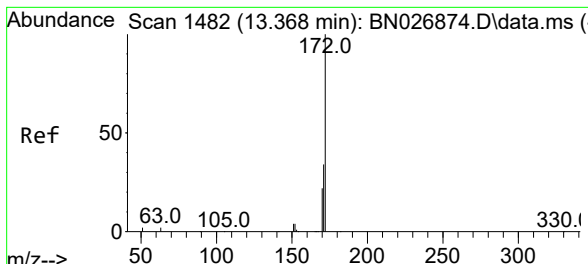
Tgt Ion:164 Resp: 10425
Ion Ratio Lower Upper
164 100
162 101.8 79.7 119.5
160 50.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion:330 Resp: 1081
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 43.4 32.3 48.5

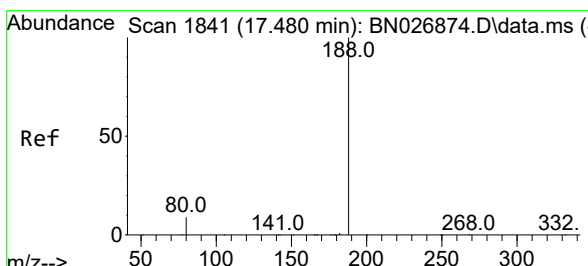
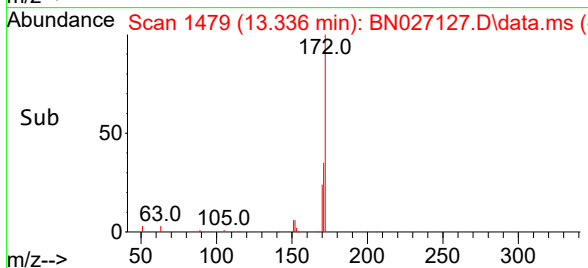
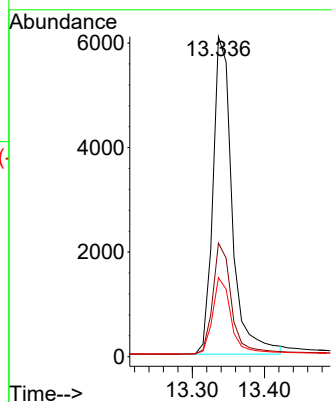
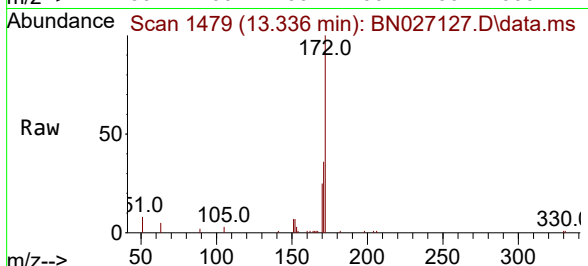




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.336 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

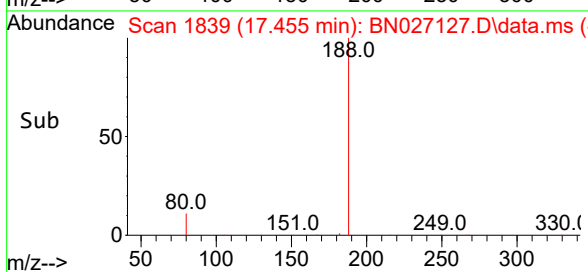
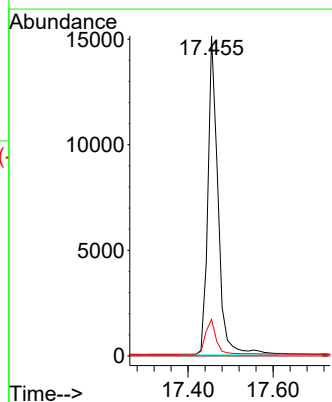
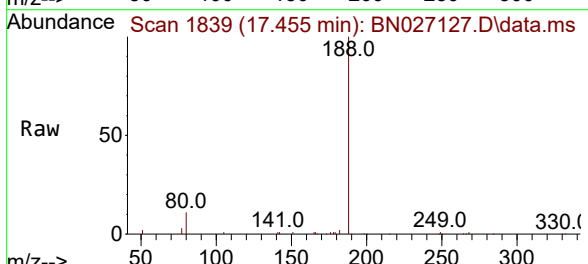
Instrument :
BNA_N
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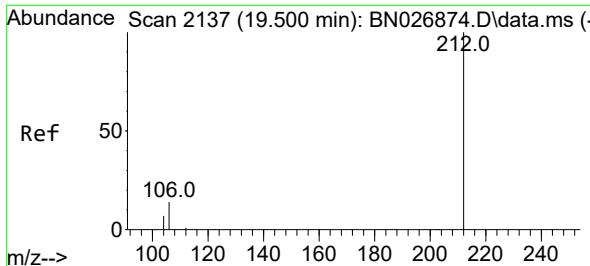
Tgt Ion:	172	Resp:	11257
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.4	41.0
170	24.7	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion:	188	Resp:	25054
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.4	7.4	11.2#

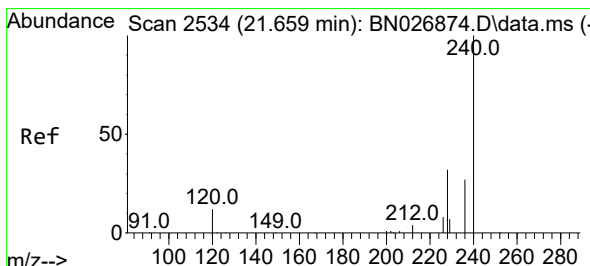
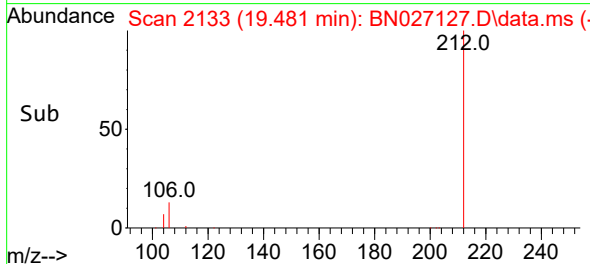
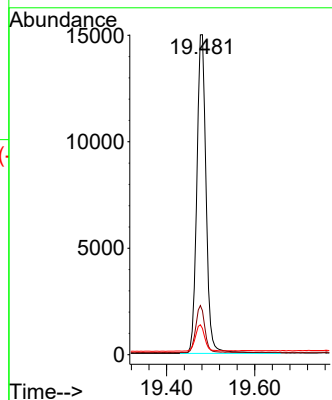
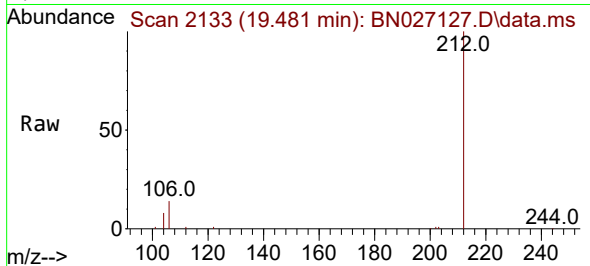




#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.481 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

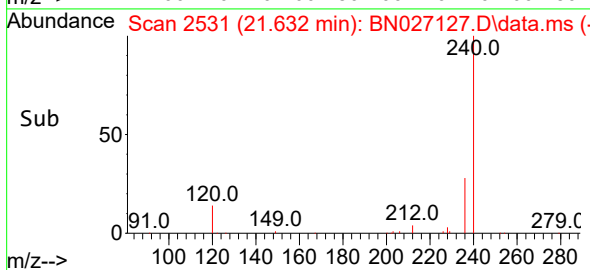
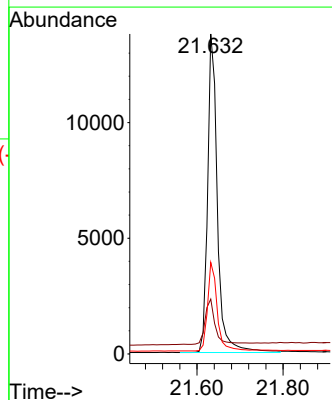
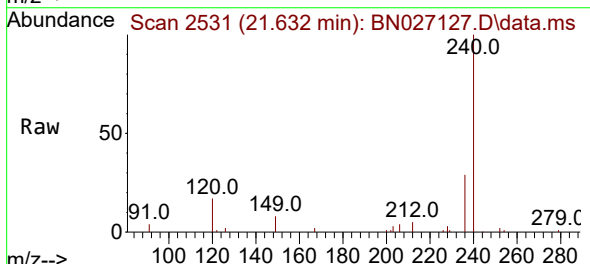
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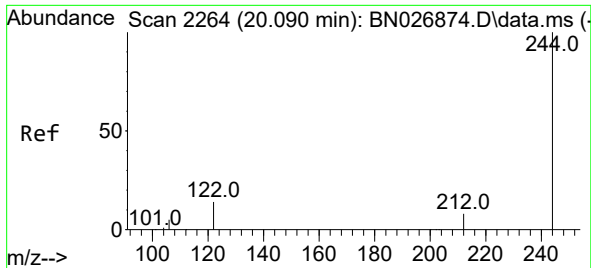
Tgt Ion:212 Resp: 21837
Ion Ratio Lower Upper
212 100
106 14.5 10.9 16.3
104 8.3 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BN027127.D
Acq: 25 Aug 2023 20:16

Tgt Ion:240 Resp: 21834
Ion Ratio Lower Upper
240 100
120 17.1 11.1 16.7#
236 28.6 22.2 33.2

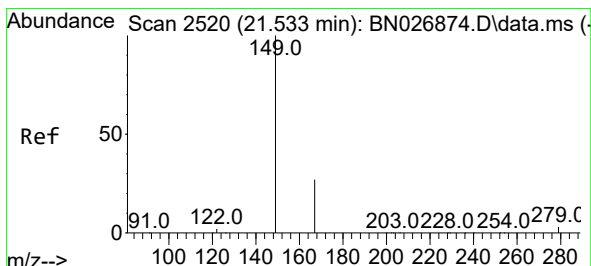
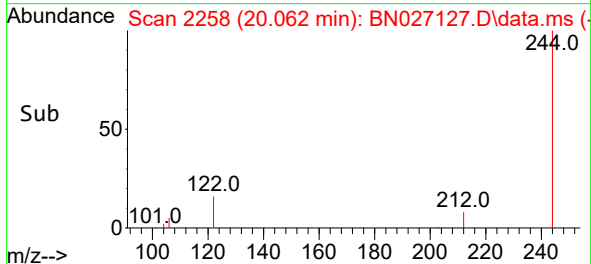
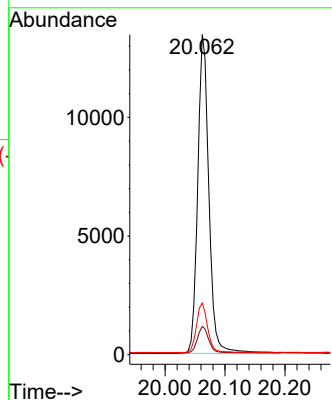
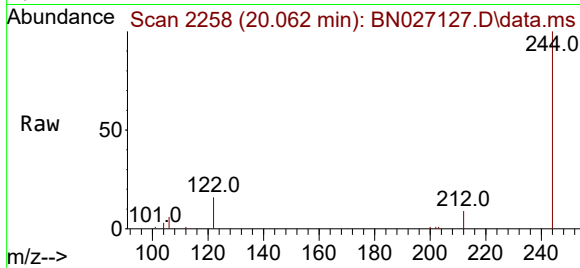




#31
 Terphenyl-d14
 Concen: 0.382 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027127.D
 Acq: 25 Aug 2023 20:16

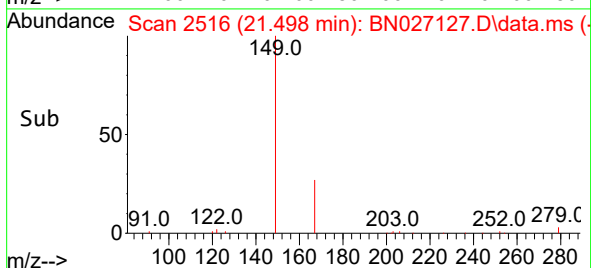
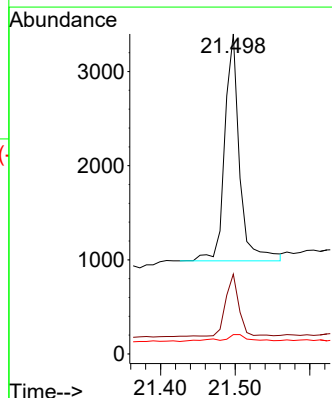
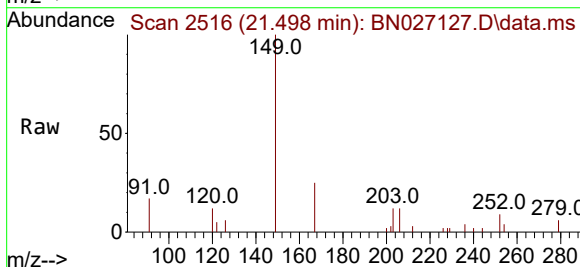
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20230815

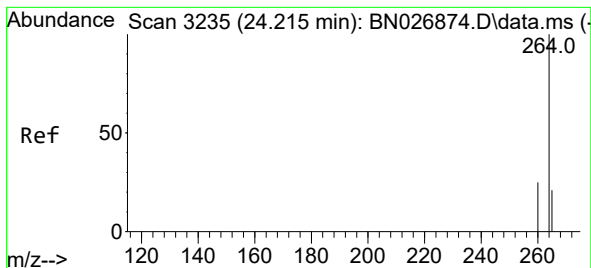
Tgt Ion:244 Resp: 17424
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 16.1 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.498 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BN027127.D
 Acq: 25 Aug 2023 20:16

Tgt Ion:149 Resp: 3331
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 5.5 3.6 5.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.174 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN027127.D

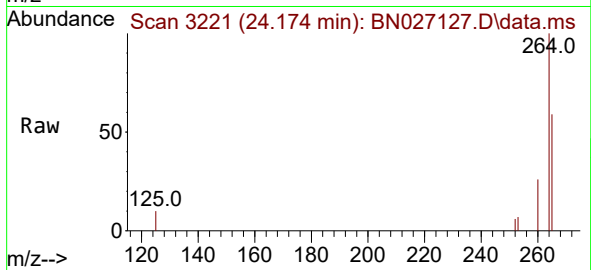
Acq: 25 Aug 2023 20:16

Instrument :

BNA_N

ClientSampleId :

RE108D2-20230815



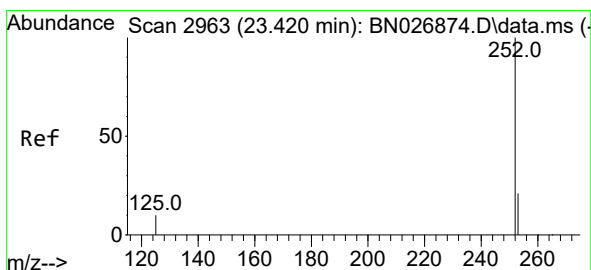
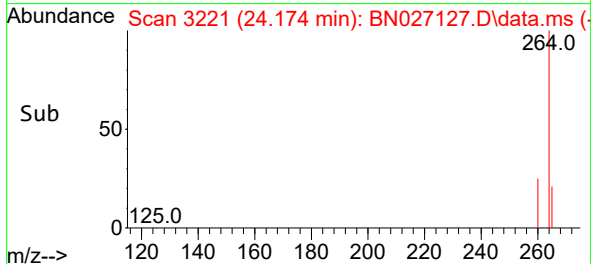
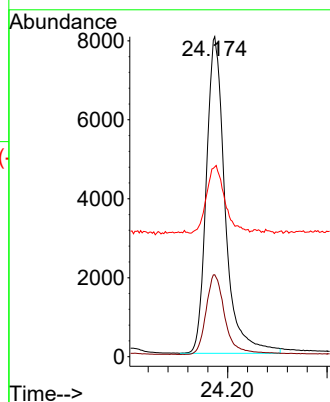
Tgt Ion:264 Resp: 21102

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 59.3 27.0 40.6#



#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.388 min Scan# 2952

Delta R.T. 0.009 min

Lab File: BN027127.D

Acq: 25 Aug 2023 20:16

Tgt Ion:252 Resp: 1483

Ion Ratio Lower Upper

252 100

253 61.6 18.4 27.6#

125 73.4 10.2 15.2#

