

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025895.D
 Acq On : 17 Jun 2023 01:48
 Operator : MA/JU
 Sample : 03310-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-943-945

Quant Time: Jun 17 02:37:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

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

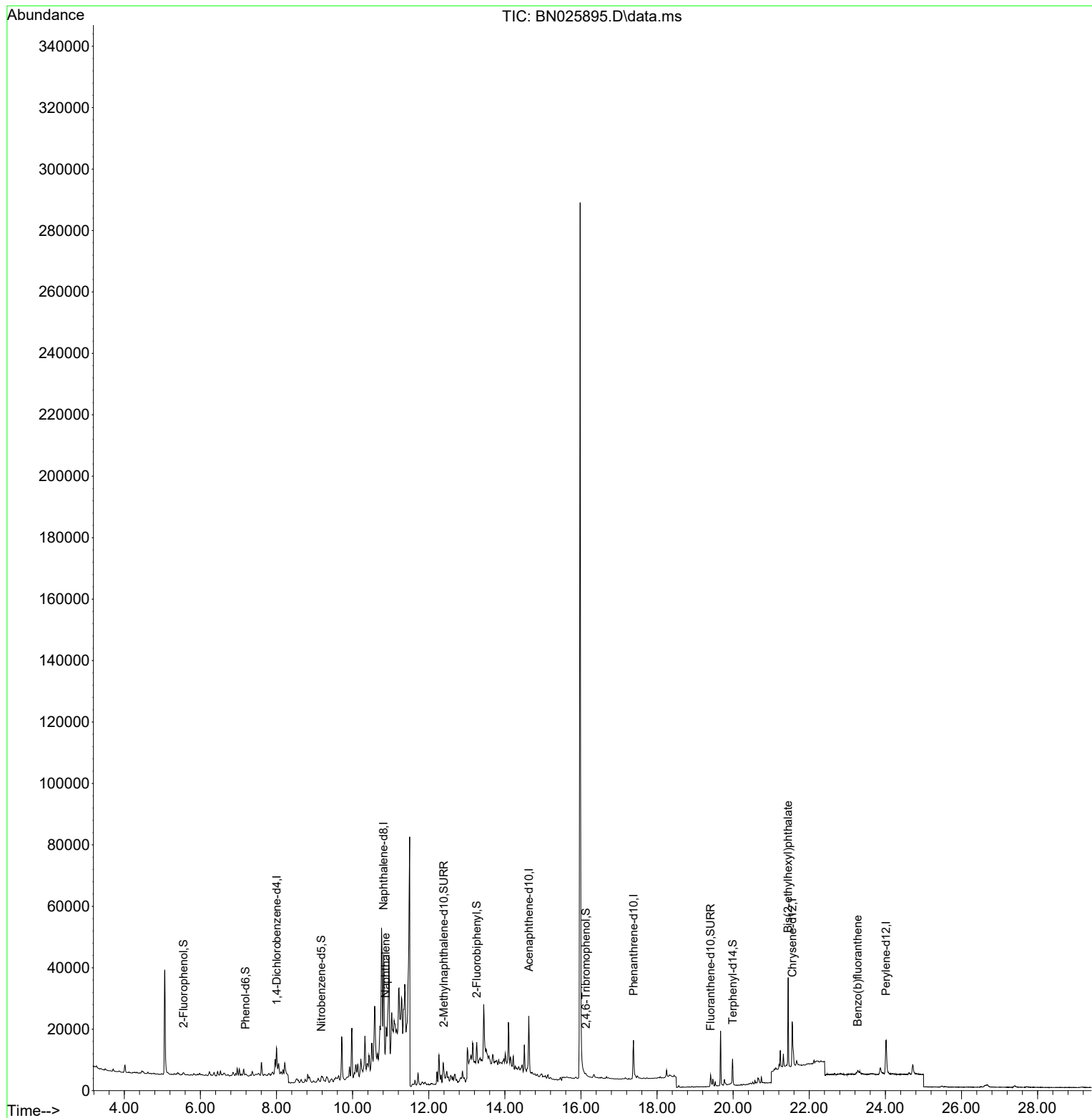
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5800	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	16411	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	10182	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	20477	0.400	ng	# 0.00
29) Chrysene-d12	21.551	240	16681	0.400	ng	# 0.00
35) Perylene-d12	24.016	264	17366	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	819	0.050	ng	0.01
5) Phenol-d6	7.182	99	705	0.035	ng	0.03
8) Nitrobenzene-d5	9.180	82	1579	0.104	ng	0.01
11) 2-Methylnaphthalene-d10	12.400	152	5786	0.245	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	364	0.116	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	6487	0.151	ng	0.00
27) Fluoranthene-d10	19.407	212	4188	0.099	ng	0.00
31) Terphenyl-d14	19.992	244	2675	0.066	ng	0.00
Target Compounds						
9) Naphthalene	10.867	128	1092	0.022	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.444	149	24613	0.642	ng	99
37) Benzo(b)fluoranthene	23.274	252	1792	0.026	ng	# 1

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

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Data File : BN025895.D
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Operator : MA/JU
Sample : 03310-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-RW11-GW-943-945

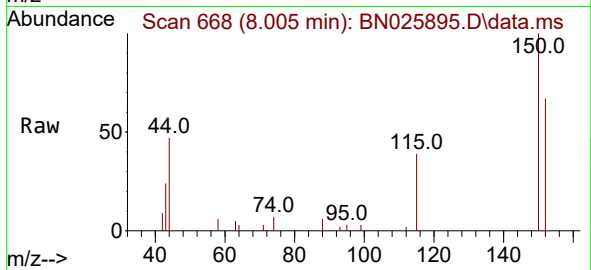
Quant Time: Jun 17 02:37:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration



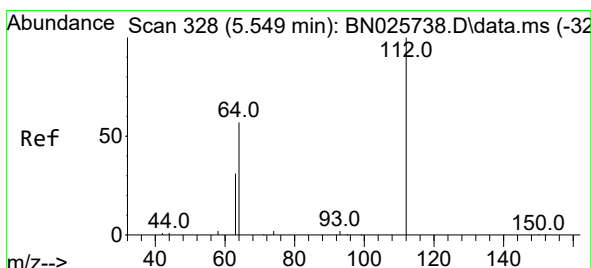
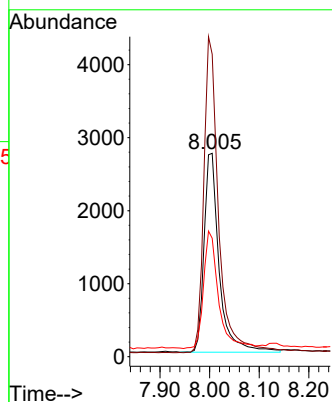
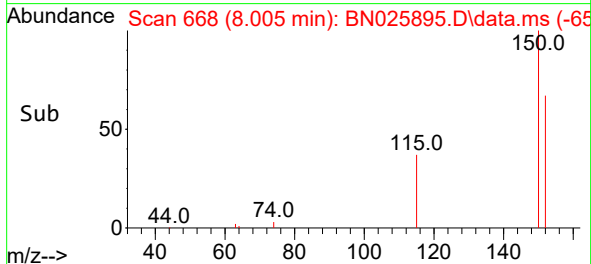


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 669
Delta R.T. 0.007 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945

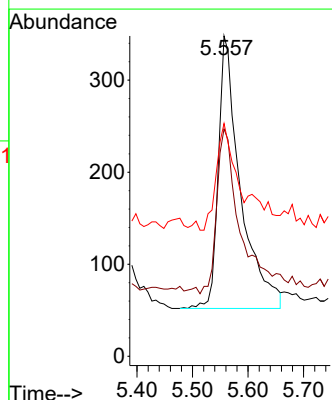
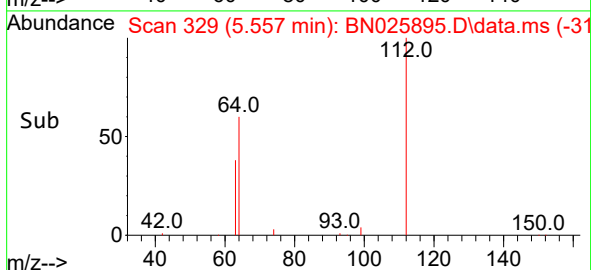
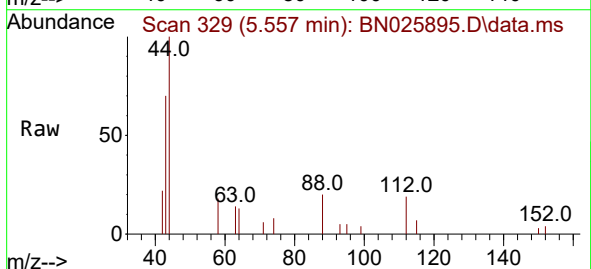


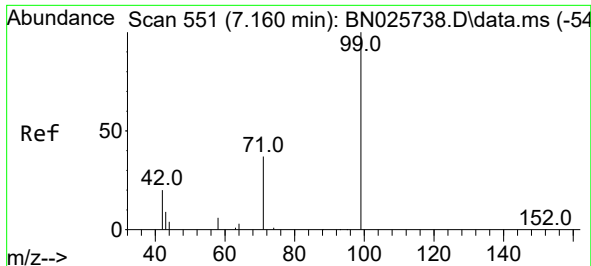
Tgt Ion:152 Resp: 5800
Ion Ratio Lower Upper
152 100
150 148.7 121.5 182.3
115 58.2 47.7 71.5



#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.014 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Tgt Ion:112 Resp: 819
Ion Ratio Lower Upper
112 100
64 65.3 47.5 71.3
63 32.7 26.2 39.4

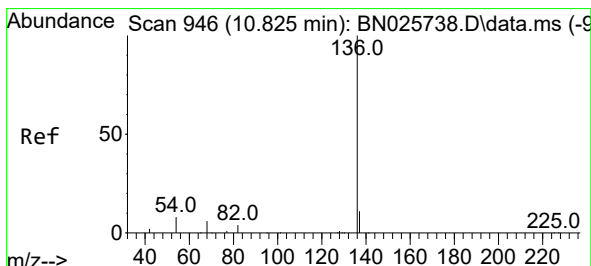
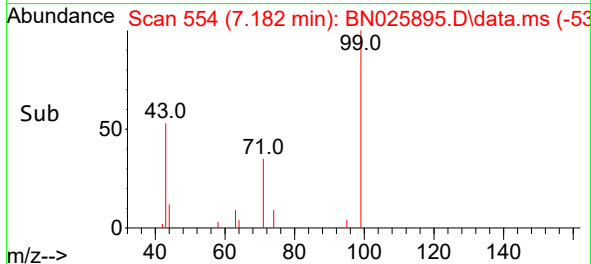
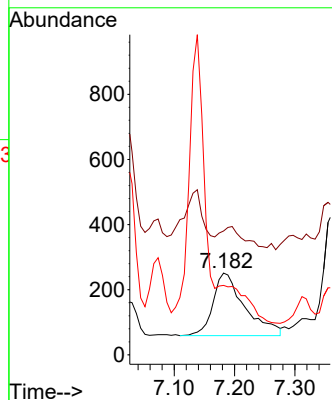
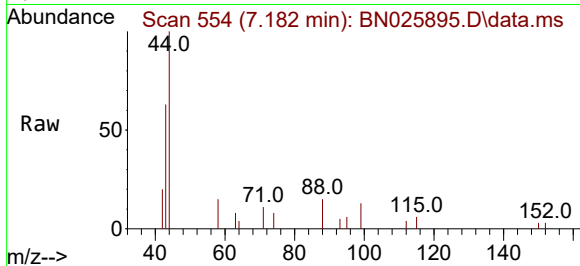




#5
Phenol-d6
Concen: 0.035 ng
RT: 7.182 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

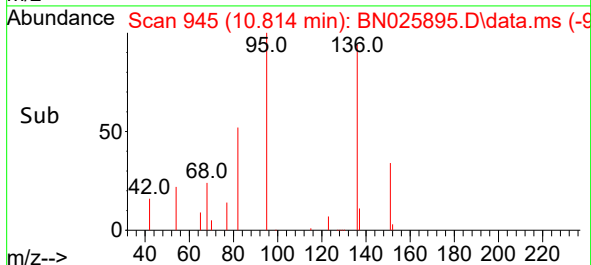
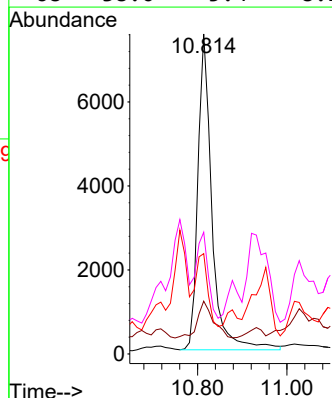
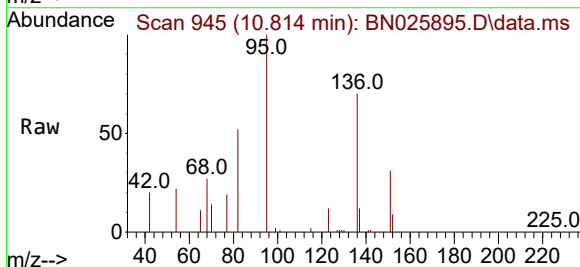
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945

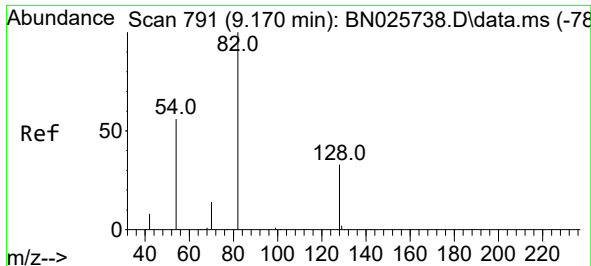
Tgt Ion: 99 Resp: 705
Ion Ratio Lower Upper
99 100
42 23.7 18.6 28.0
71 0.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Tgt Ion: 136 Resp: 16411
Ion Ratio Lower Upper
136 100
137 16.5 9.3 13.9#
54 31.3 7.2 10.8#
68 38.0 5.4 8.2#

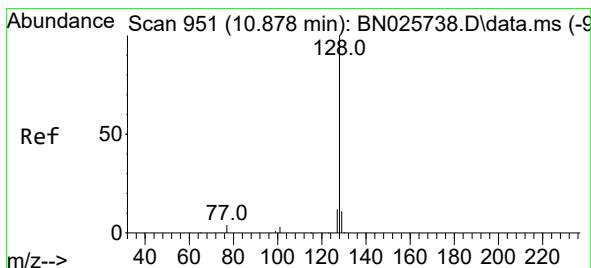
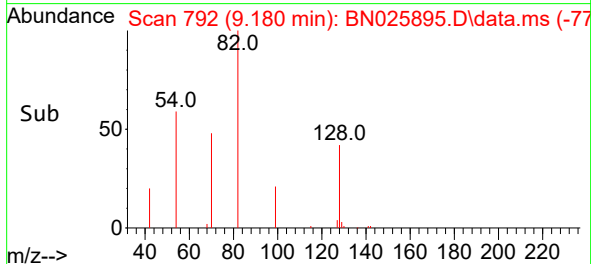
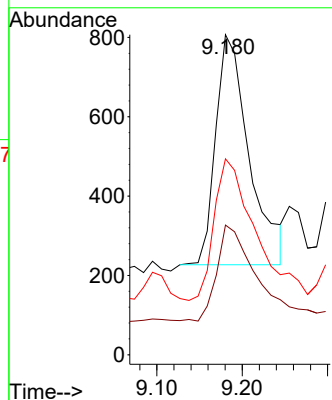
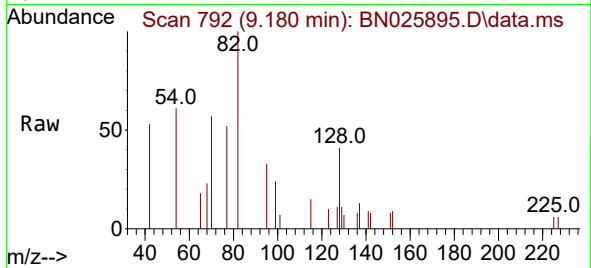




#8
Nitrobenzene-d5
Concen: 0.104 ng
RT: 9.180 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

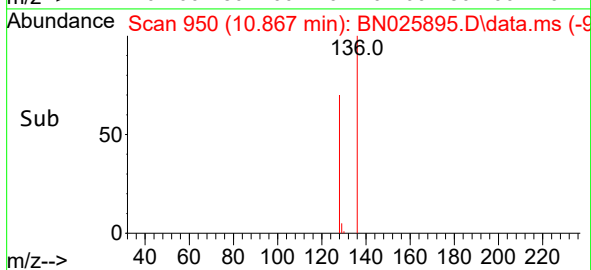
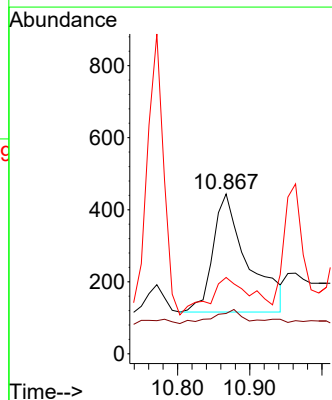
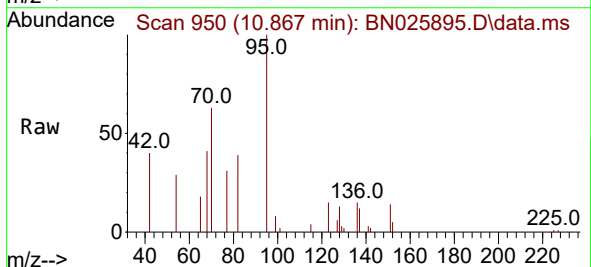
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945

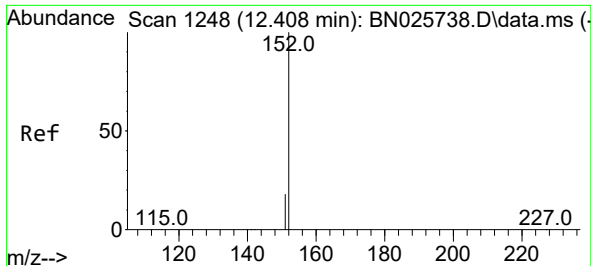
Tgt Ion: 82 Resp: 1579
Ion Ratio Lower Upper
82 100
128 40.5 27.6 41.4
54 61.2 45.7 68.5



#9
Naphthalene
Concen: 0.022 ng
RT: 10.867 min Scan# 950
Delta R.T. 0.011 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Tgt Ion: 128 Resp: 1092
Ion Ratio Lower Upper
128 100
129 25.2 9.1 13.7#
127 47.7 10.3 15.5#





#11

2-Methylnaphthalene-d10

Concen: 0.245 ng

RT: 12.400 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN025895.D

Acq: 17 Jun 2023 01:48

Instrument :

BNA_N

ClientSampleId :

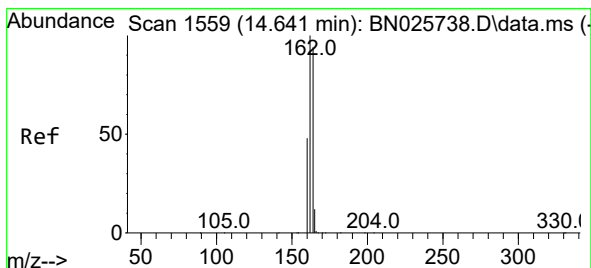
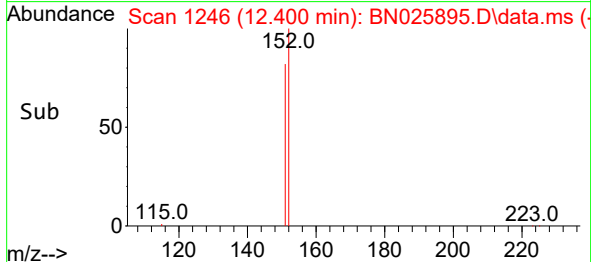
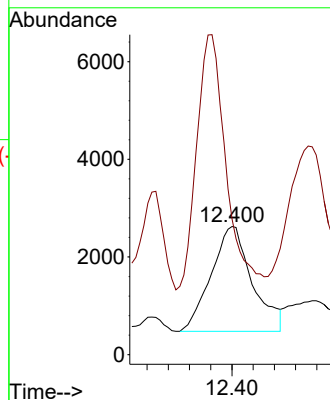
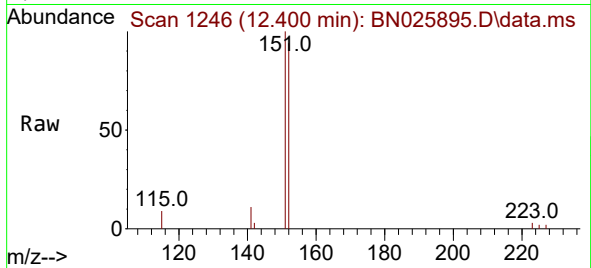
BP-VPB-RW11-GW-943-945

Tgt Ion:152 Resp: 5786

Ion Ratio Lower Upper

152 100

151 173.3 16.4 24.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.630 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BN025895.D

Acq: 17 Jun 2023 01:48

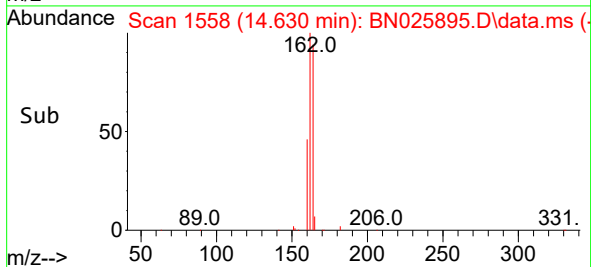
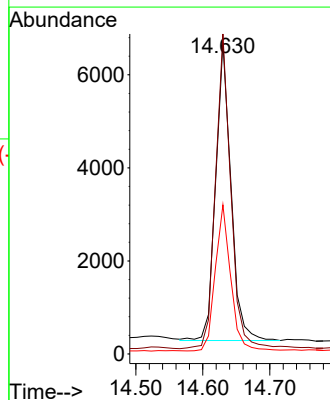
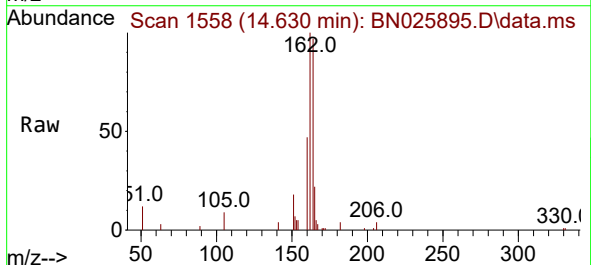
Tgt Ion:164 Resp: 10182

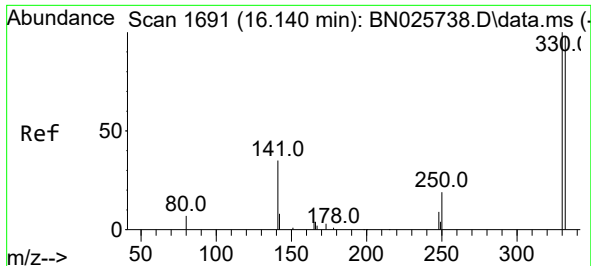
Ion Ratio Lower Upper

164 100

162 102.8 85.0 127.6

160 47.9 41.1 61.7

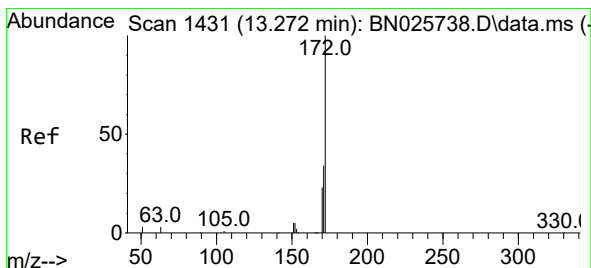
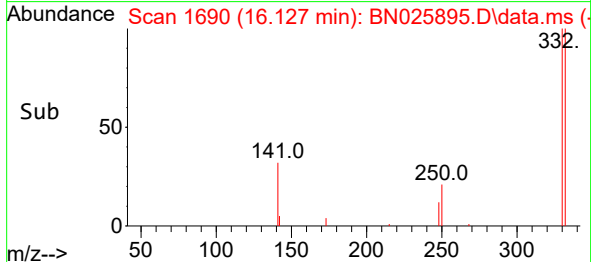
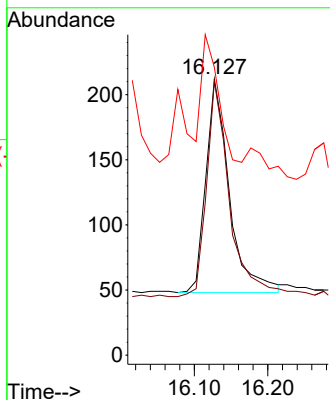
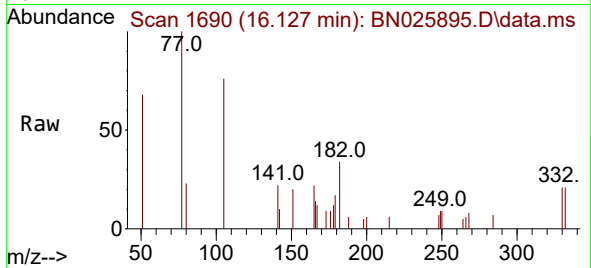




#14
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 16.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

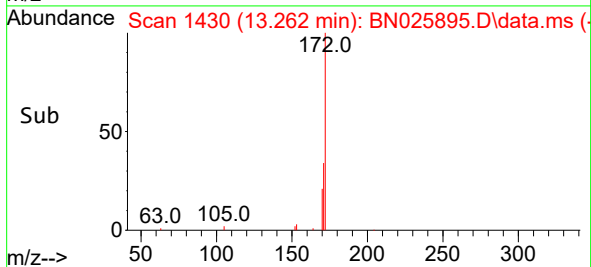
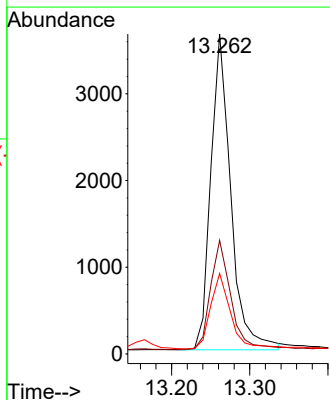
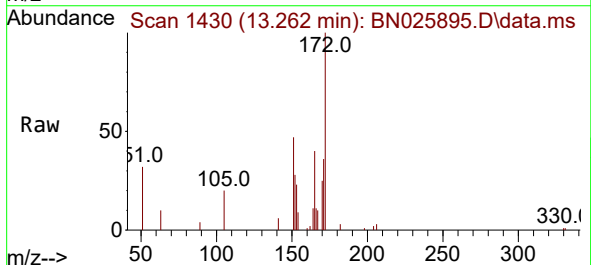
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945

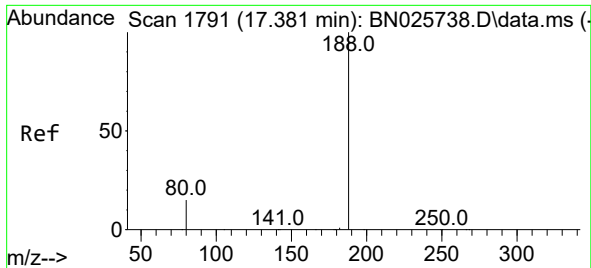
Tgt Ion:330 Resp: 364
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 68.1 55.0 82.6



#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.262 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Tgt Ion:172 Resp: 6487
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 25.2 18.6 28.0

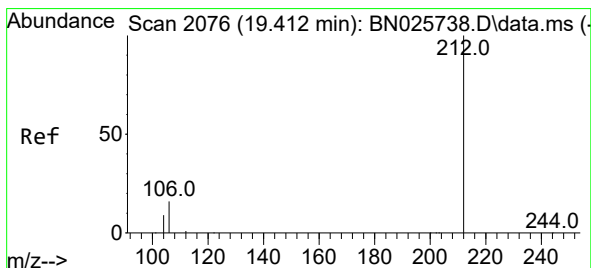
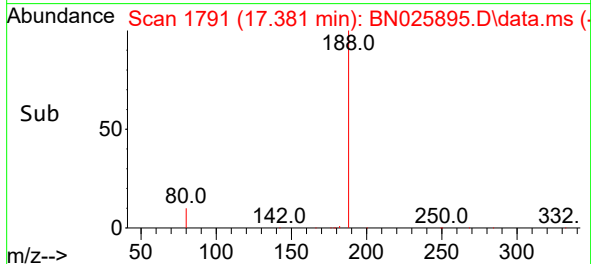
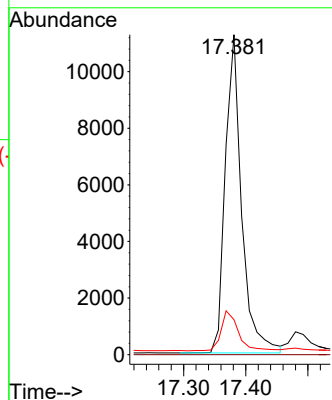
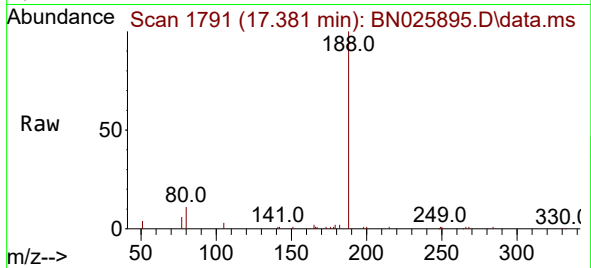




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

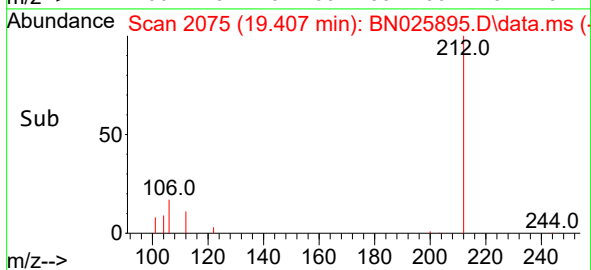
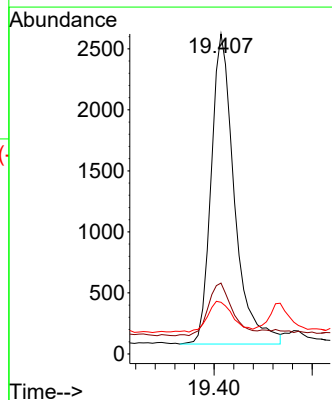
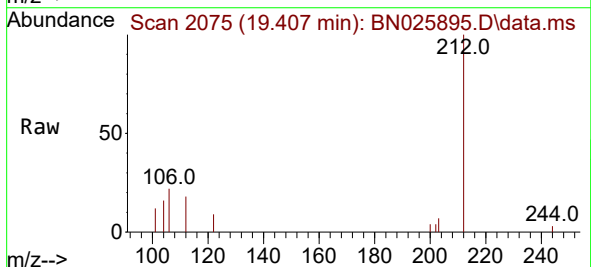
Instrument :
BNA_N
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BP-VPB-RW11-GW-943-945

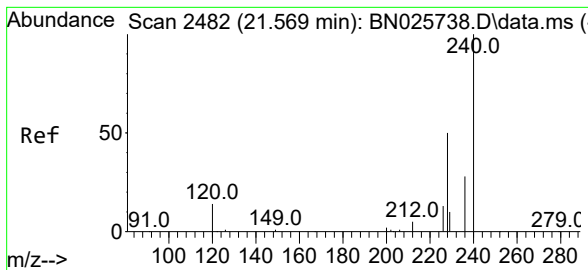
Tgt Ion:188 Resp: 20477
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 12.1 18.1#



#27
Fluoranthene-d10
Concen: 0.099 ng
RT: 19.407 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Tgt Ion:212 Resp: 4188
Ion Ratio Lower Upper
212 100
106 17.8 13.0 19.6
104 10.5 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.551 min Scan# 2480

Delta R.T. -0.009 min

Lab File: BN025895.D

Acq: 17 Jun 2023 01:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-943-945

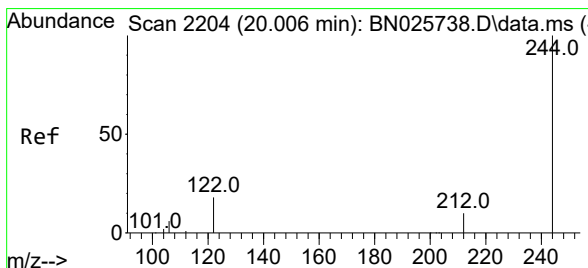
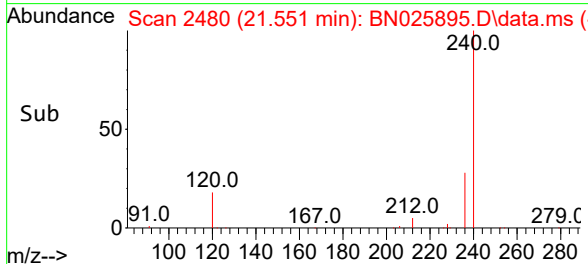
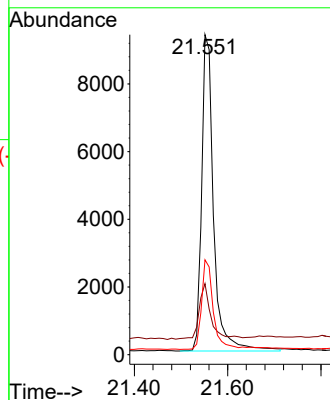
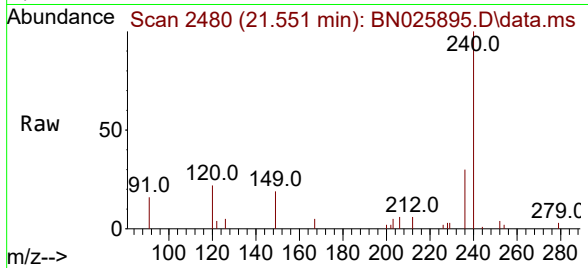
Tgt Ion:240 Resp: 16681

Ion Ratio Lower Upper

240 100

120 22.2 13.2 19.8#

236 29.6 23.1 34.7



#31

Terphenyl-d14

Concen: 0.066 ng

RT: 19.992 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BN025895.D

Acq: 17 Jun 2023 01:48

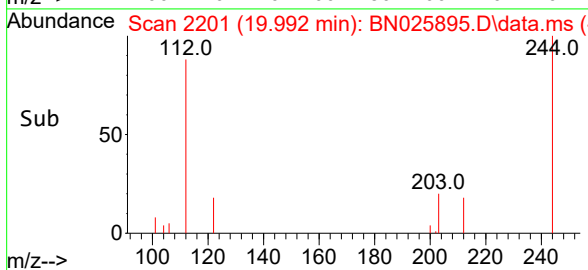
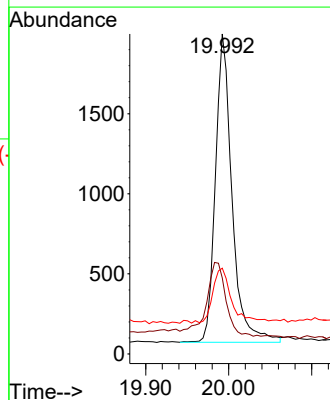
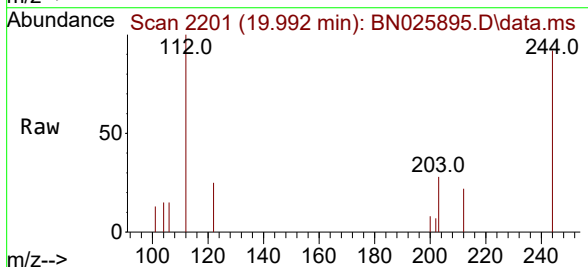
Tgt Ion:244 Resp: 2675

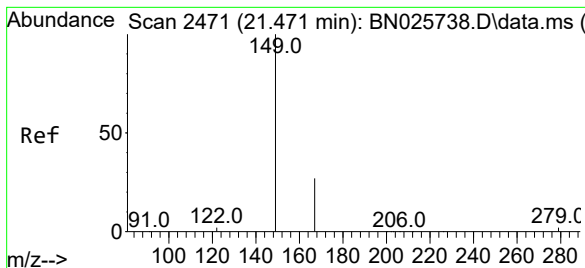
Ion Ratio Lower Upper

244 100

212 23.8 8.6 12.8#

122 26.8 15.2 22.8#

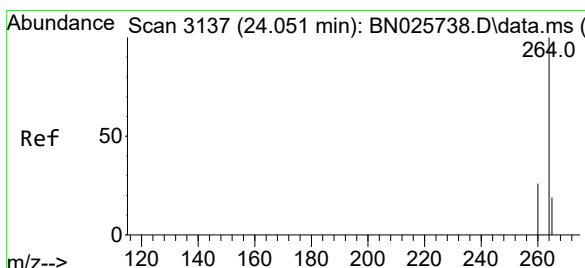
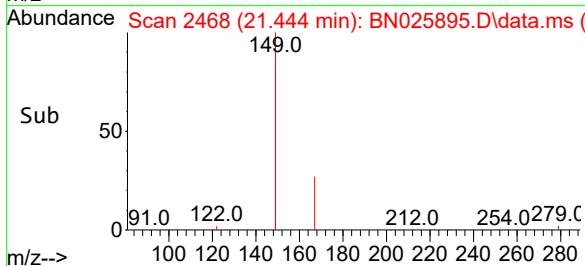
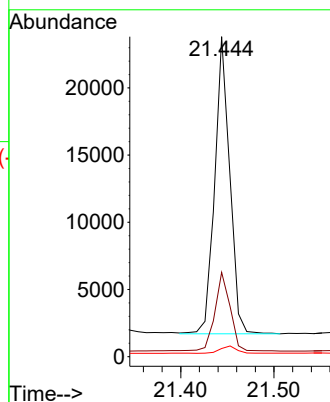
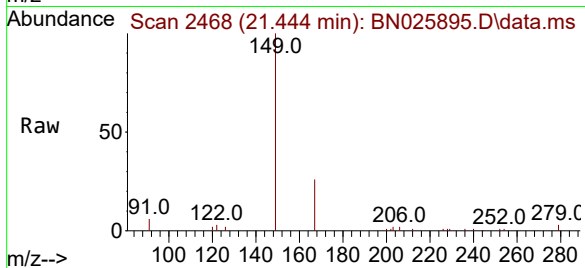




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.642 ng
RT: 21.444 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

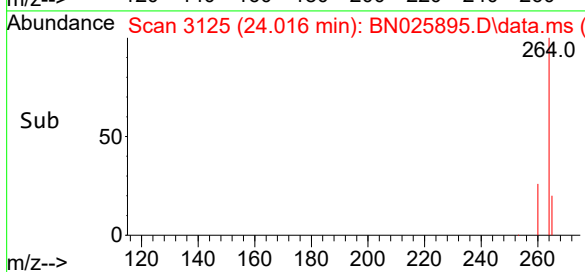
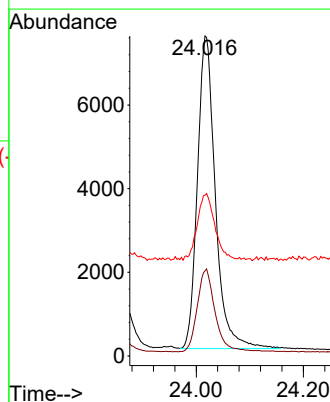
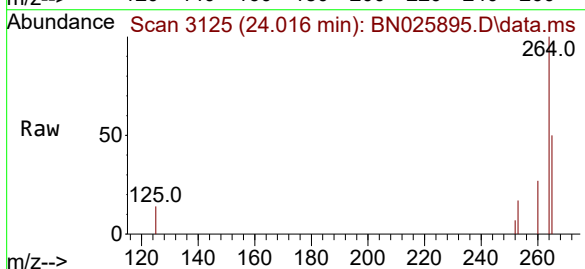
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945

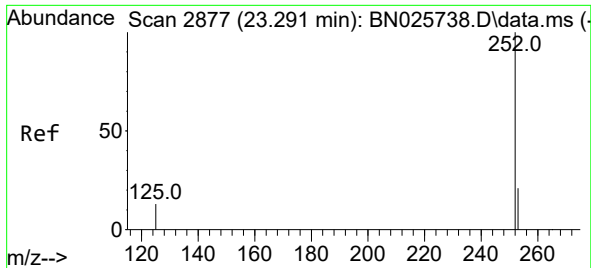
Tgt Ion:149 Resp: 24613
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.6
279 2.8 2.2 3.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.016 min Scan# 3125
Delta R.T. -0.023 min
Lab File: BN025895.D
Acq: 17 Jun 2023 01:48

Tgt Ion:264 Resp: 17366
Ion Ratio Lower Upper
264 100
260 26.6 21.4 32.2
265 50.3 44.7 67.1





#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 23.274 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025895.D

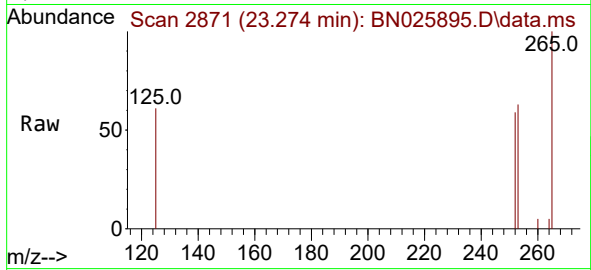
Acq: 17 Jun 2023 01:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-943-945



Tgt Ion:252 Resp: 1792

Ion Ratio Lower Upper

252 100

253 107.2 23.4 35.0#

125 104.4 12.3 18.5#

