

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
 Data File : BN031499.D
 Acq On : 13 May 2024 12:13
 Operator : MA/JU
 Sample : P2445-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-01B-83-050924

Quant Time: May 13 12:45:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

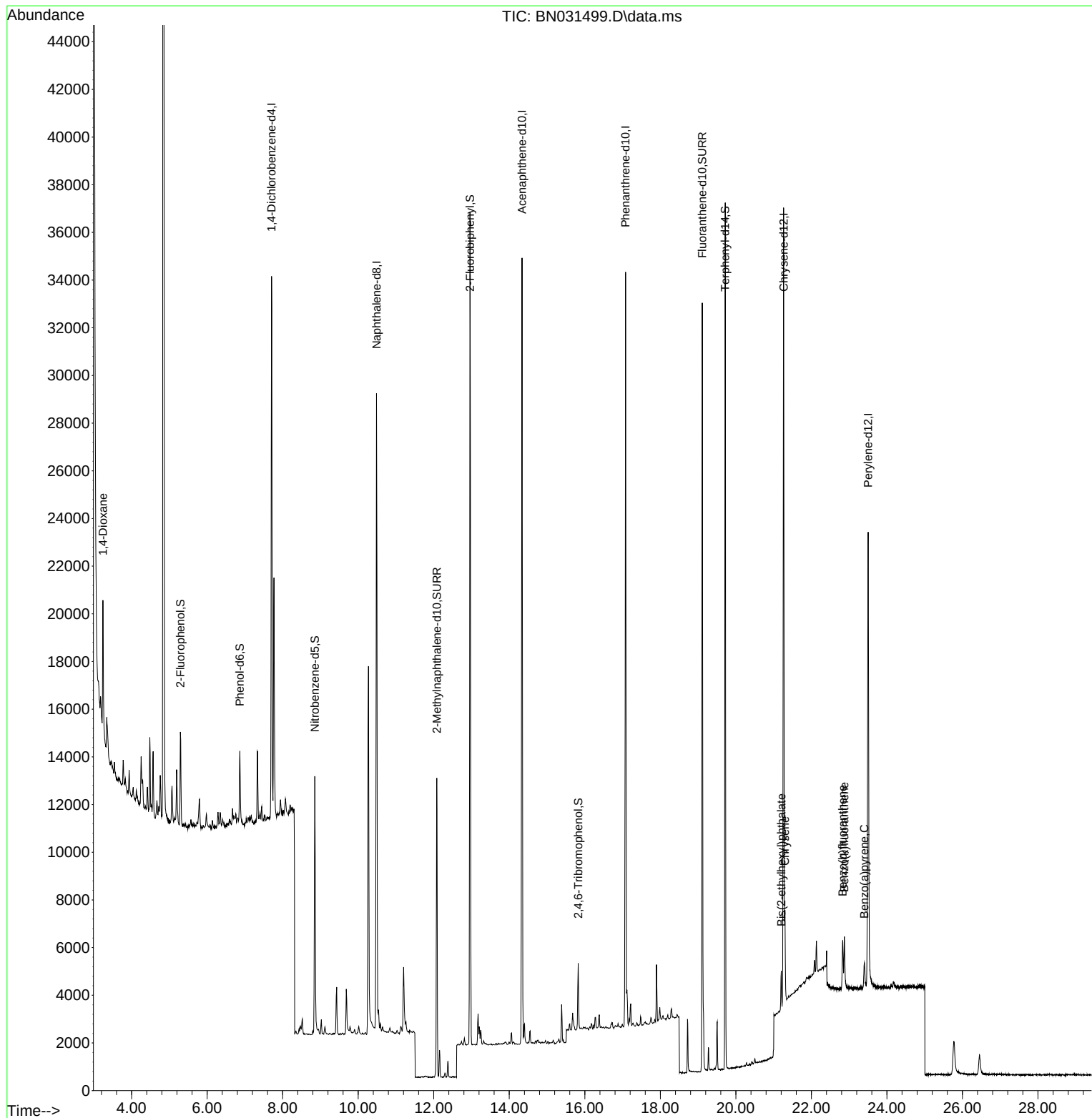
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	10976	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	34340	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	17837	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	39050	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	29676	0.400	ng	0.00
35) Perylene-d12	23.502	264	27373	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	3181	0.102	ng	0.00
5) Phenol-d6	6.866	99	2586	0.062	ng	0.00
8) Nitrobenzene-d5	8.852	82	8579	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	16828	0.304	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	1460	0.216	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	29019	0.422	ng	-0.02
27) Fluoranthene-d10	19.110	212	34658	0.320	ng	0.00
31) Terphenyl-d14	19.718	244	34264	0.472	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.241	88	3698	0.274	ng	88
33) Chrysene	21.301	228	3057	0.028	ng	98
34) Bis(2-ethylhexyl)phtha...	21.202	149	1748	0.026	ng	# 97
37) Benzo(b)fluoranthene	22.829	252	2761	0.028	ng	# 44
38) Benzo(k)fluoranthene	22.873	252	2892	0.031	ng	# 44
39) Benzo(a)pyrene	23.402	252	1716	0.020	ng	# 8

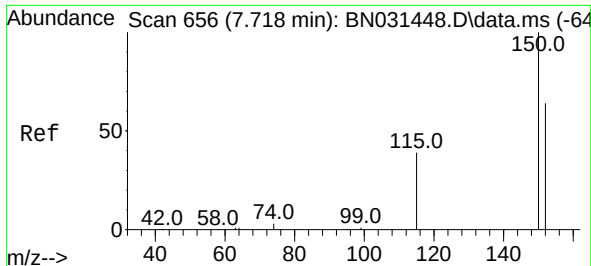
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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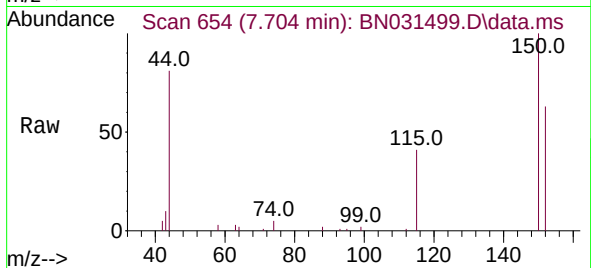
Quant Time: May 13 12:45:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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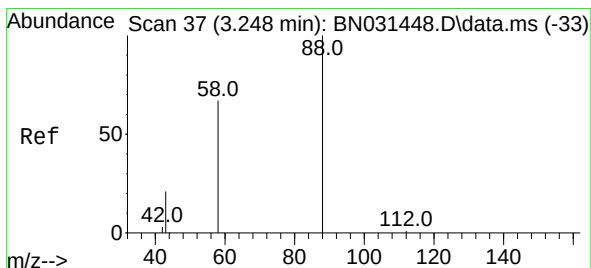
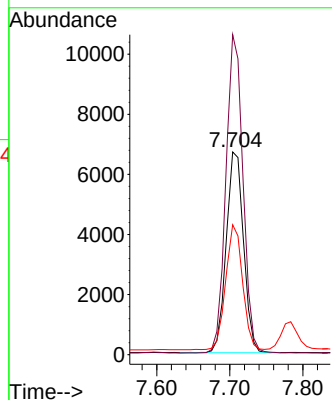
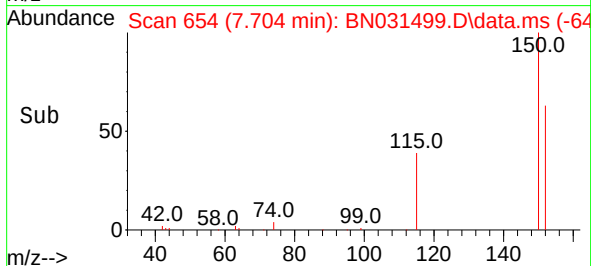


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN031499.D
Acq: 13 May 2024 12:13

Instrument :
BNA_N
ClientSampleId :
RMW-01B-83-050924

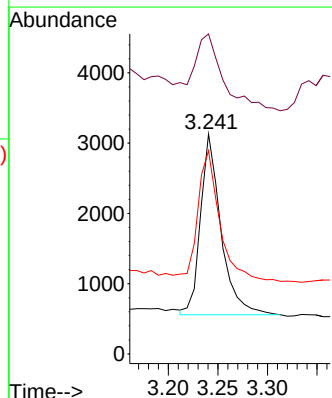
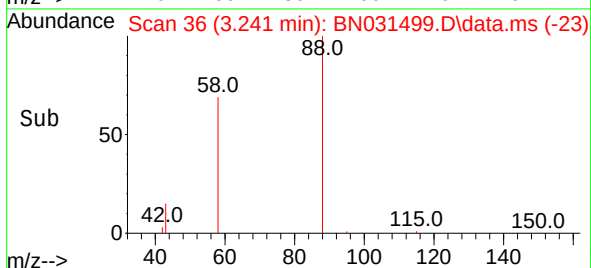
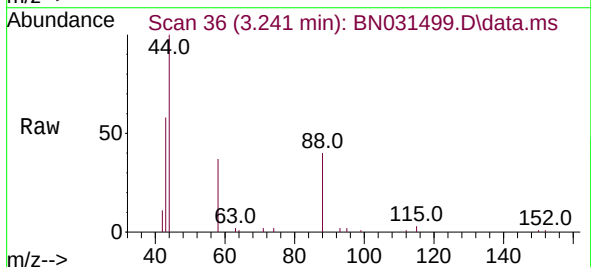


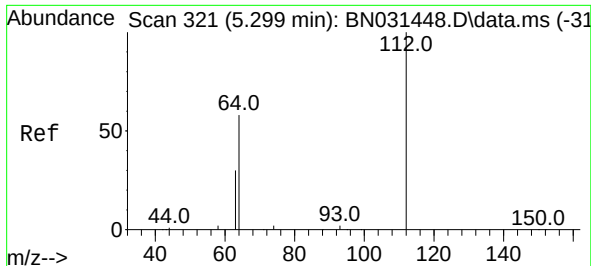
Tgt Ion:152 Resp: 10976
Ion Ratio Lower Upper
152 100
150 157.9 119.3 178.9
115 64.1 54.8 82.2



#2
1,4-Dioxane
Concen: 0.274 ng
RT: 3.241 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN031499.D
Acq: 13 May 2024 12:13

Tgt Ion: 88 Resp: 3698
Ion Ratio Lower Upper
88 100
43 56.9 39.0 58.6
58 78.1 54.9 82.3





#4

2-Fluorophenol

Concen: 0.102 ng

RT: 5.292 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN031499.D

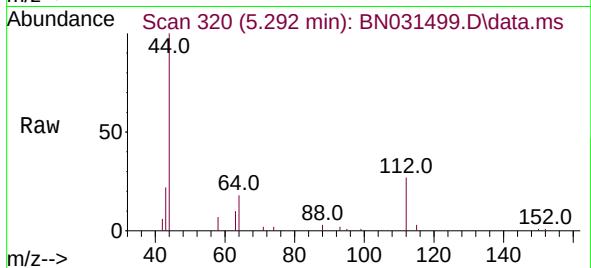
Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924



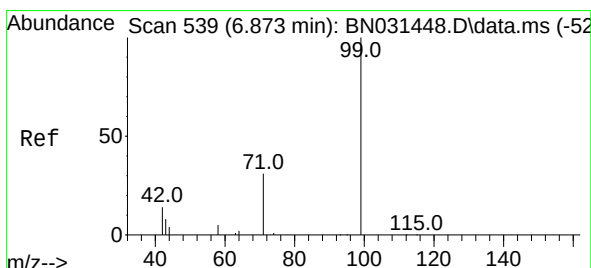
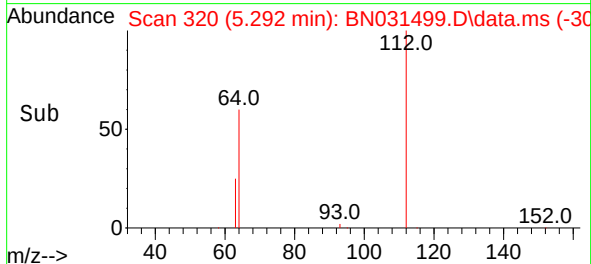
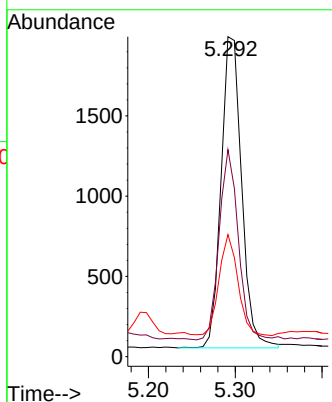
Tgt Ion:112 Resp: 3181

Ion Ratio Lower Upper

112 100

64 57.1 44.0 66.0

63 29.9 22.2 33.4



#5

Phenol-d6

Concen: 0.062 ng

RT: 6.866 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

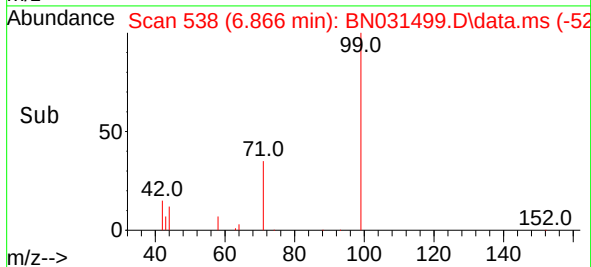
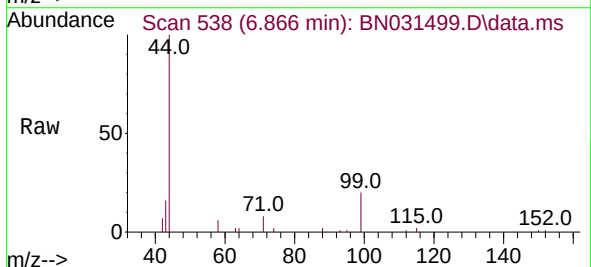
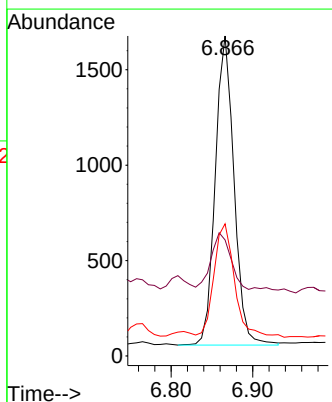
Tgt Ion: 99 Resp: 2586

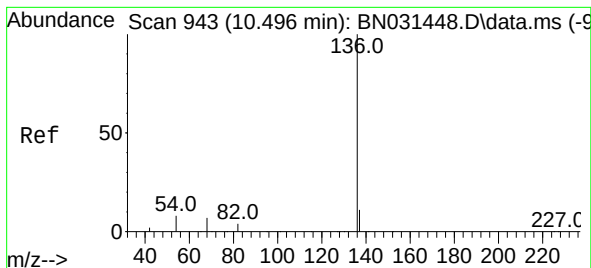
Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

71 38.1 26.1 39.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.485 min Scan# 943

Delta R.T. -0.011 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924

Tgt Ion:136 Resp: 34340

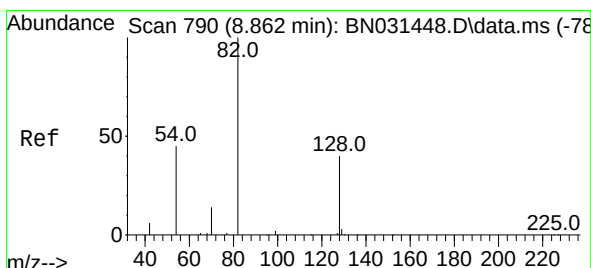
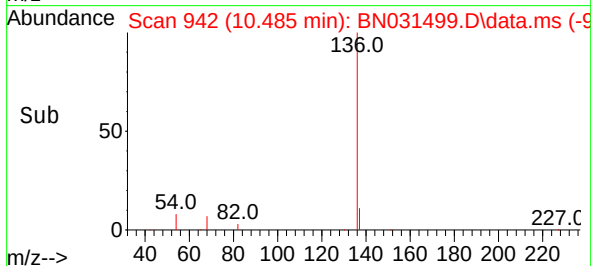
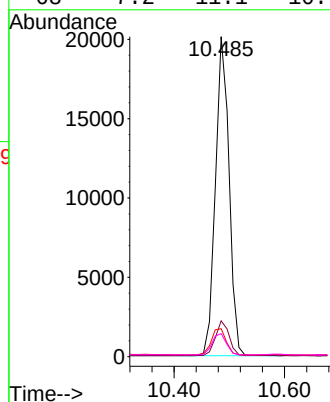
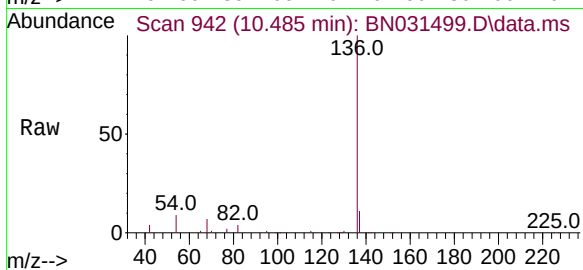
Ion Ratio Lower Upper

136 100

137 11.2 10.1 15.1

54 8.7 10.5 15.7#

68 7.2 11.1 16.7#



#8

Nitrobenzene-d5

Concen: 0.348 ng

RT: 8.852 min Scan# 789

Delta R.T. -0.011 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

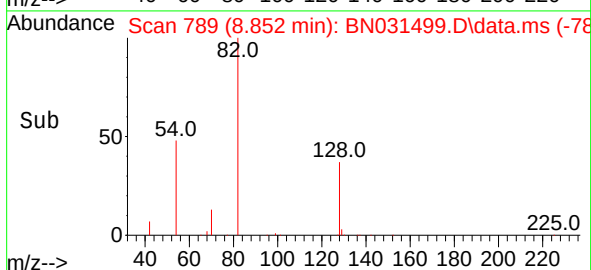
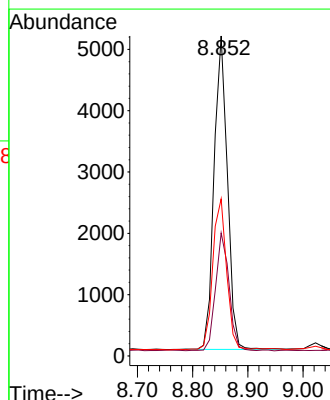
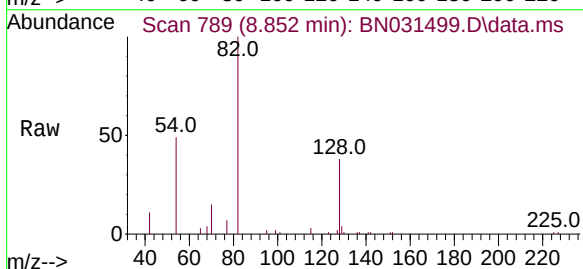
Tgt Ion: 82 Resp: 8579

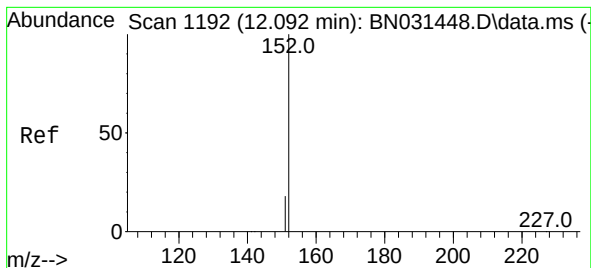
Ion Ratio Lower Upper

82 100

128 38.5 29.0 43.6

54 49.1 37.2 55.8

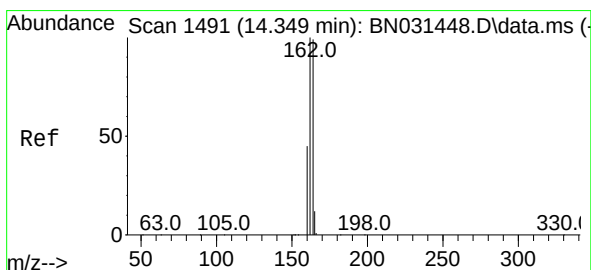
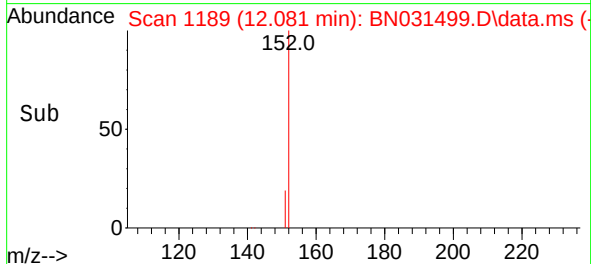
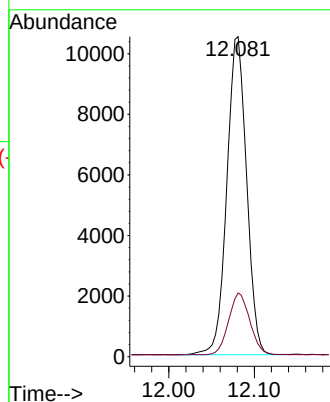
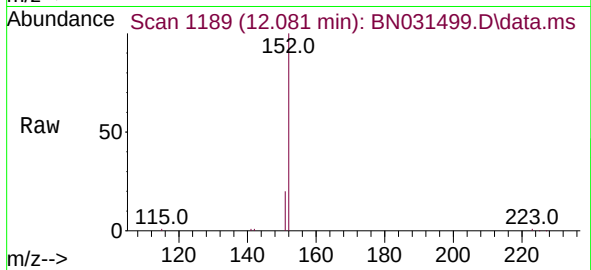




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.081 min Scan# 1189
Delta R.T. -0.011 min
Lab File: BN031499.D
Acq: 13 May 2024 12:13

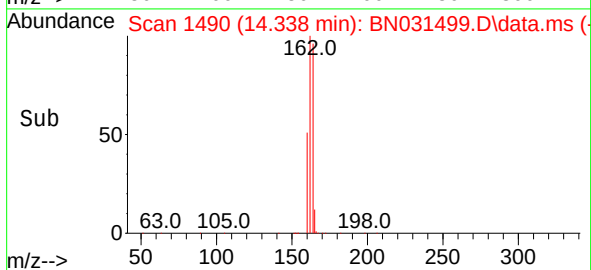
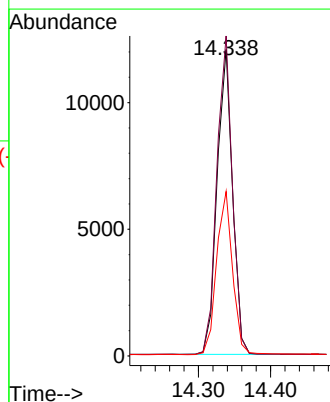
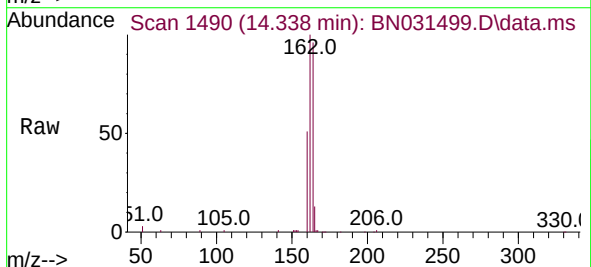
Instrument :
BNA_N
ClientSampleId :
RMW-01B-83-050924

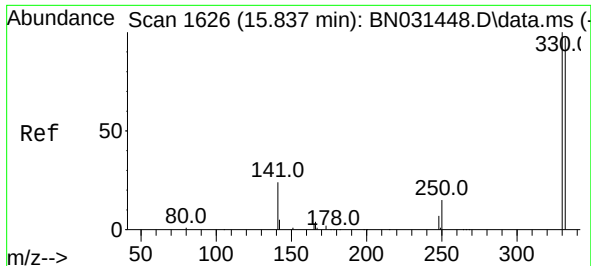
Tgt Ion:152 Resp: 16828
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031499.D
Acq: 13 May 2024 12:13

Tgt Ion:164 Resp: 17837
Ion Ratio Lower Upper
164 100
162 104.4 81.2 121.8
160 53.7 37.0 55.6





#14

2,4,6-Tribromophenol

Concen: 0.216 ng

RT: 15.825 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN031499.D

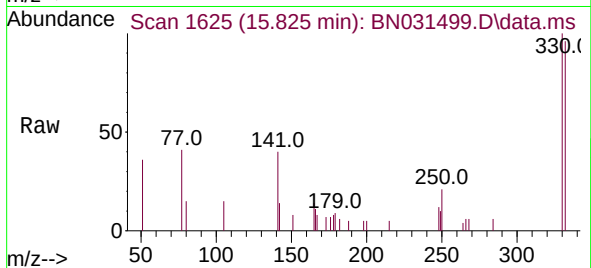
Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924



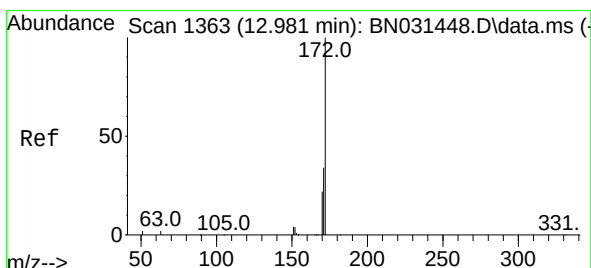
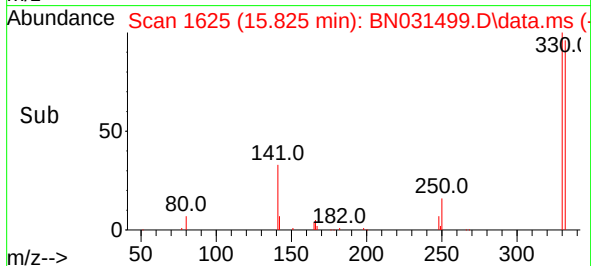
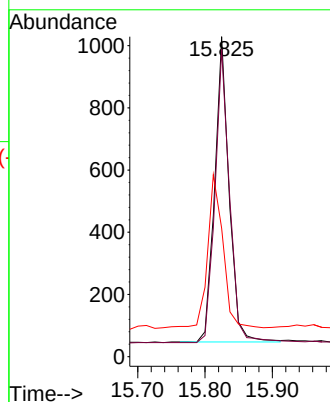
Tgt Ion:330 Resp: 1460

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 52.7 37.0 55.4



#15

2-Fluorobiphenyl

Concen: 0.422 ng

RT: 12.959 min Scan# 1361

Delta R.T. -0.021 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

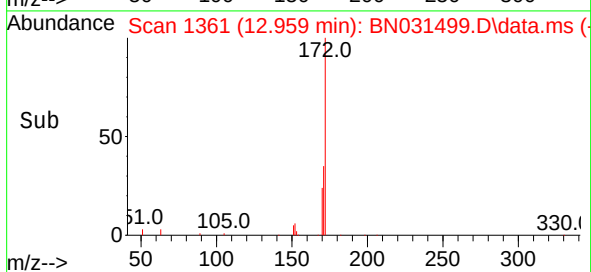
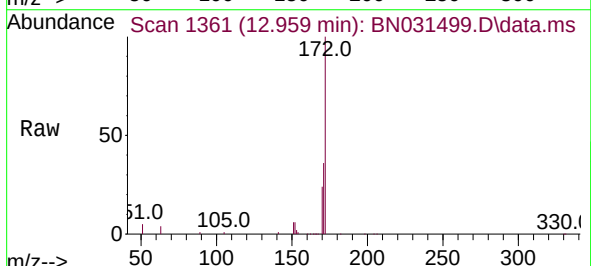
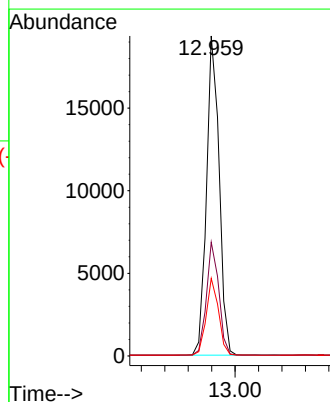
Tgt Ion:172 Resp: 29019

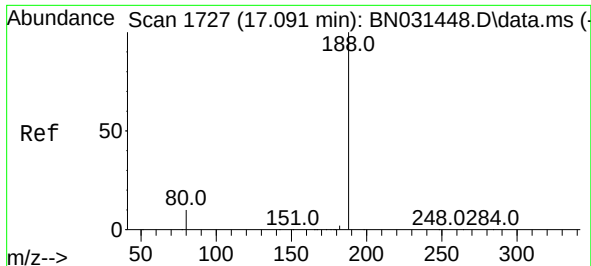
Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.8

170 24.2 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924

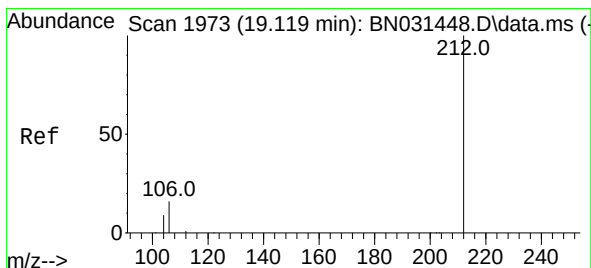
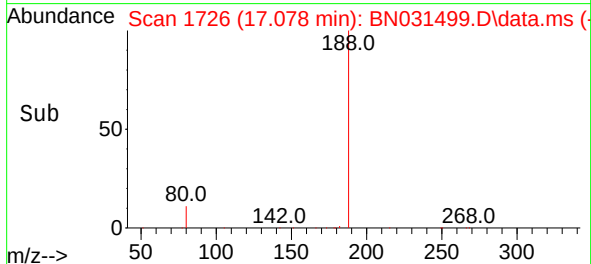
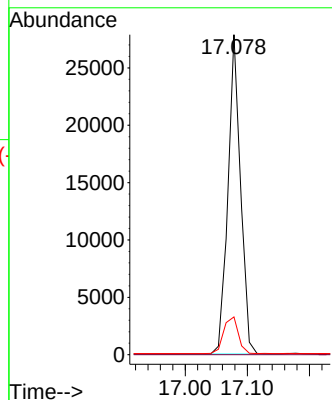
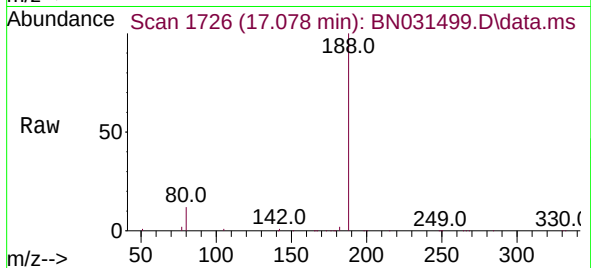
Tgt Ion:188 Resp: 39050

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 9.6 14.4



#27

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.110 min Scan# 1971

Delta R.T. -0.009 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

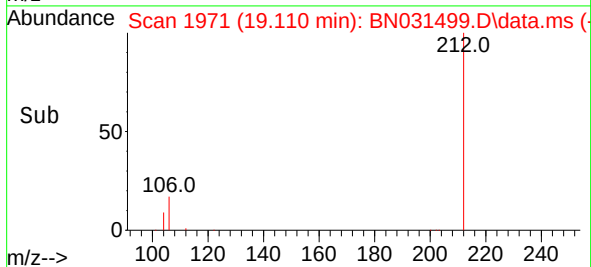
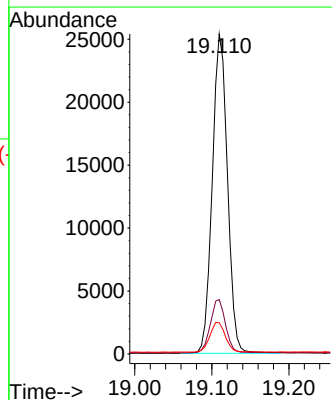
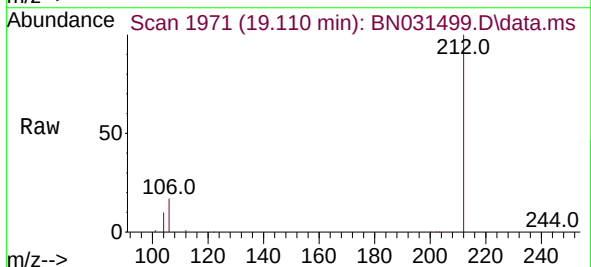
Tgt Ion:212 Resp: 34658

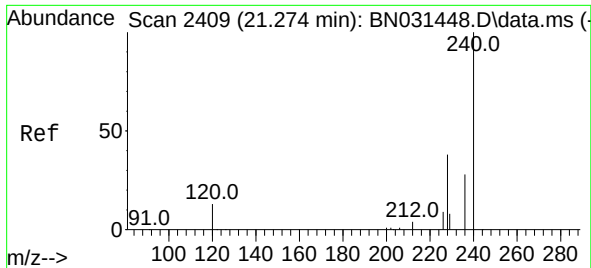
Ion Ratio Lower Upper

212 100

106 16.8 12.0 18.0

104 9.7 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.265 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

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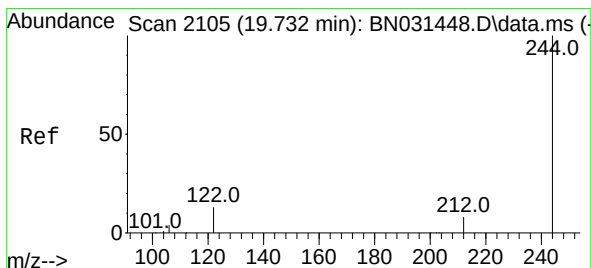
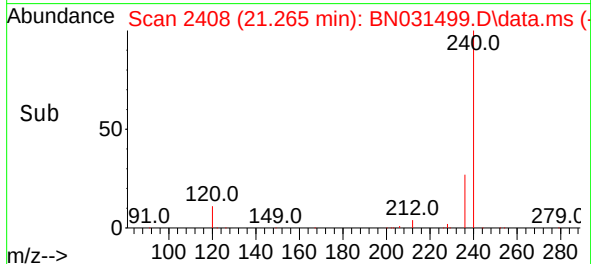
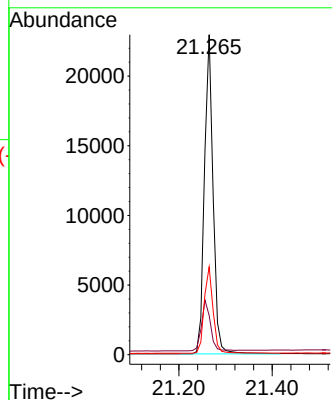
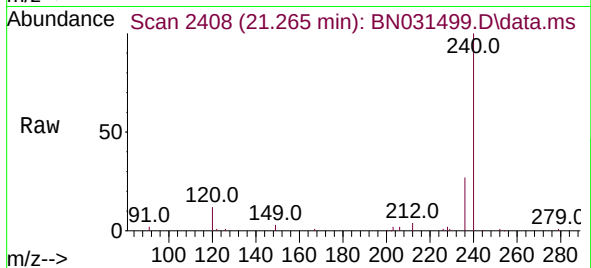
Tgt Ion:240 Resp: 29676

Ion Ratio Lower Upper

240 100

120 12.3 11.4 17.2

236 27.5 22.2 33.4



#31

Terphenyl-d14

Concen: 0.472 ng

RT: 19.718 min Scan# 2102

Delta R.T. -0.014 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

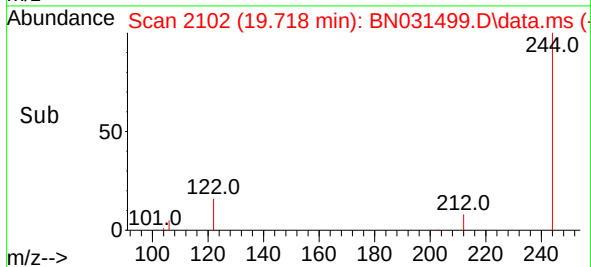
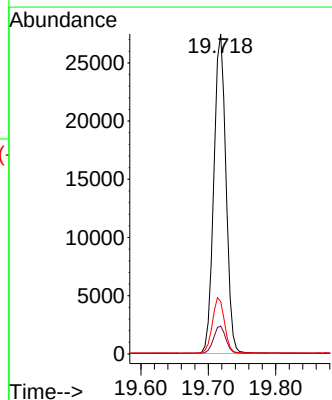
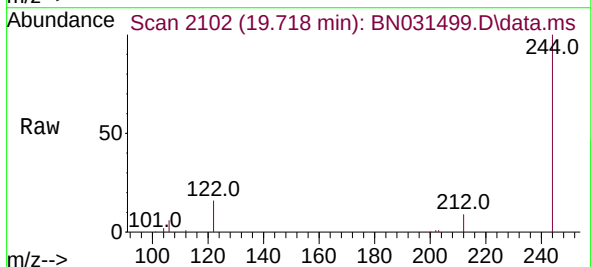
Tgt Ion:244 Resp: 34264

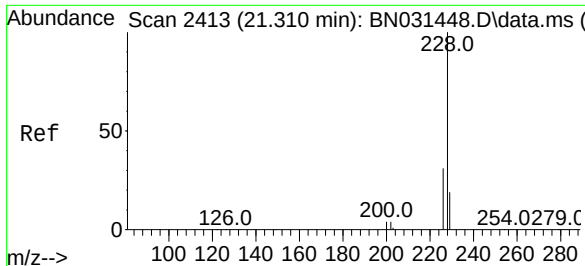
Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

122 16.4 11.4 17.2





#33

Chrysene

Concen: 0.028 ng

RT: 21.301 min Scan# 2413

Delta R.T. -0.009 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924

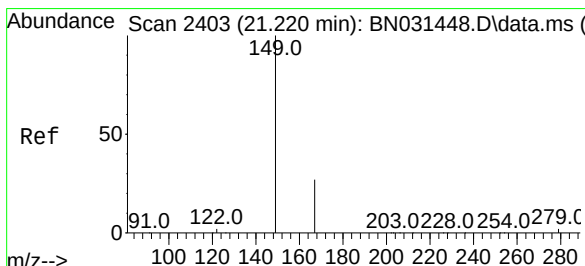
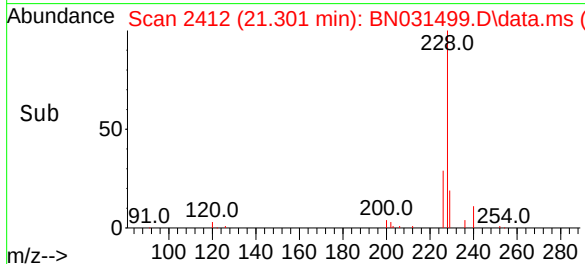
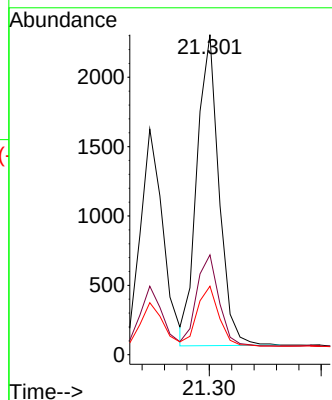
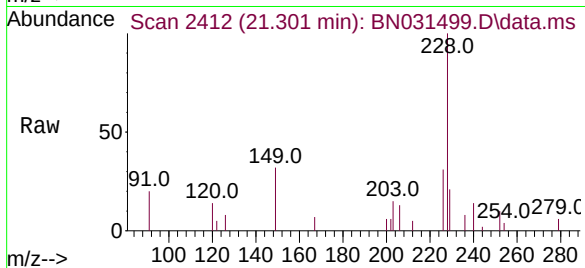
Tgt Ion:228 Resp: 3057

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 21.4 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.202 min Scan# 2401

Delta R.T. -0.018 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

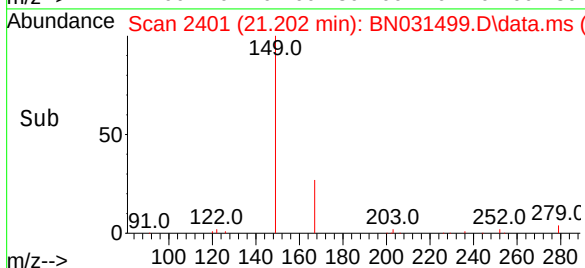
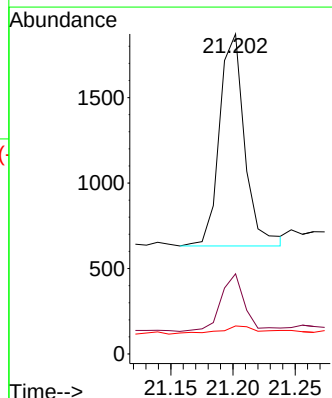
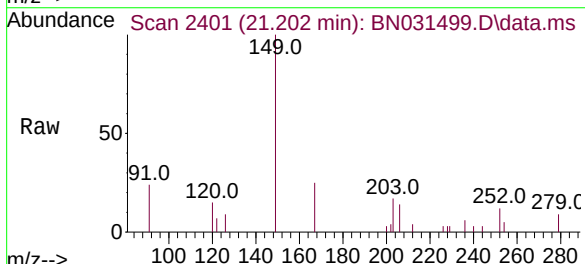
Tgt Ion:149 Resp: 1748

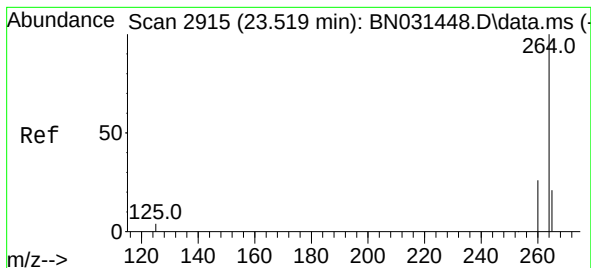
Ion Ratio Lower Upper

149 100

167 26.1 22.1 33.1

279 5.9 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 2909

Delta R.T. -0.018 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924

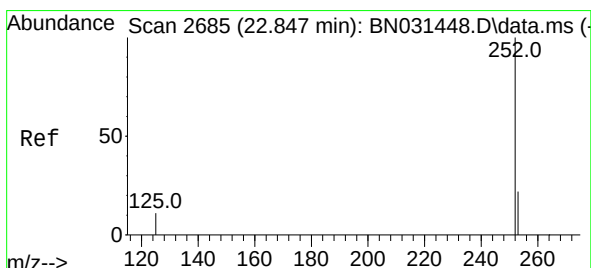
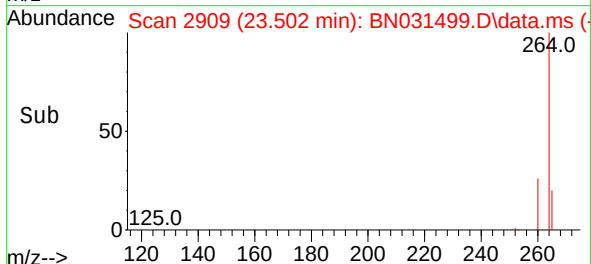
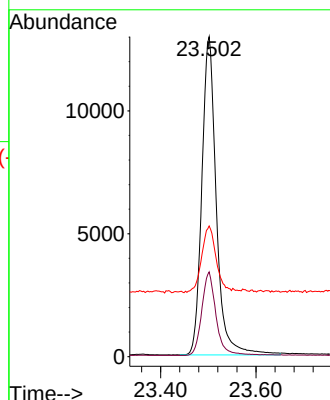
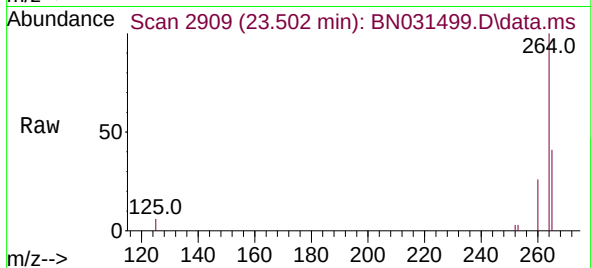
Tgt Ion:264 Resp: 27373

Ion Ratio Lower Upper

264 100

260 26.5 20.6 31.0

265 40.9 24.0 36.0#



#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.829 min Scan# 2679

Delta R.T. -0.018 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

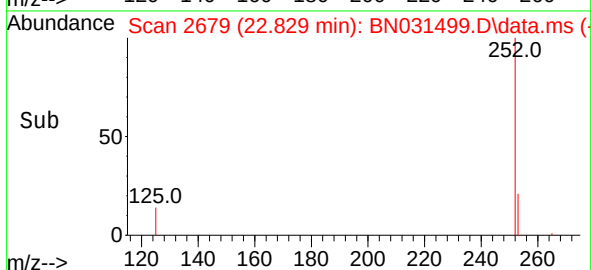
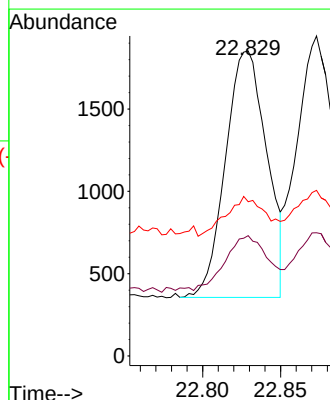
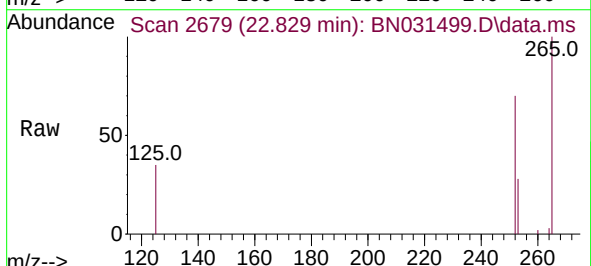
Tgt Ion:252 Resp: 2761

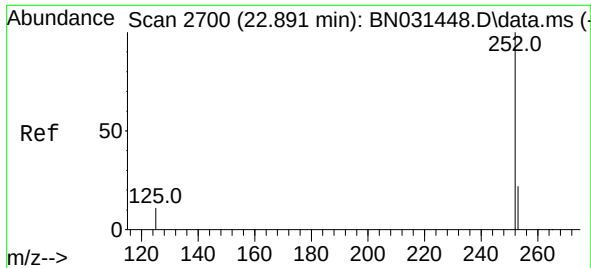
Ion Ratio Lower Upper

252 100

253 39.4 18.2 27.4#

125 50.6 10.5 15.7#





#38

Benzo(k)fluoranthene

Concen: 0.031 ng

RT: 22.873 min Scan# 2

Delta R.T. -0.018 min

Lab File: BN031499.D

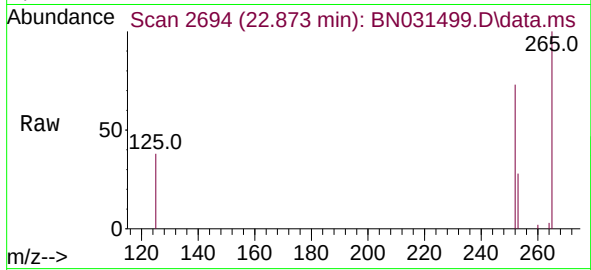
Acq: 13 May 2024 12:13

Instrument :

BNA_N

ClientSampleId :

RMW-01B-83-050924



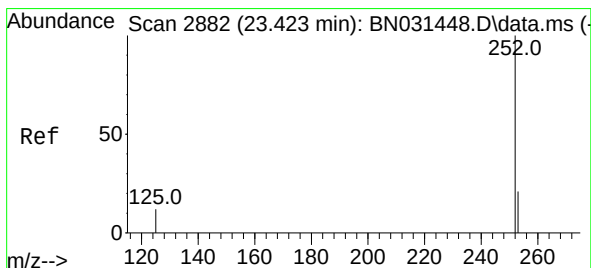
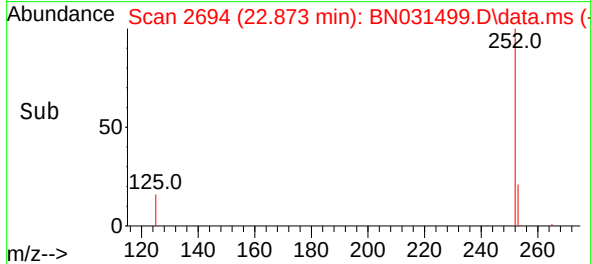
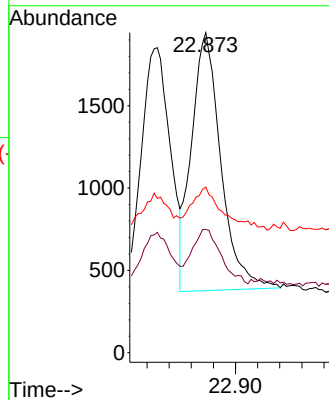
Tgt Ion:252 Resp: 2892

Ion Ratio Lower Upper

252 100

253 38.5 18.2 27.2#

125 51.7 11.0 16.6#



#39

Benzo(a)pyrene

Concen: 0.020 ng

RT: 23.402 min Scan# 2875

Delta R.T. -0.021 min

Lab File: BN031499.D

Acq: 13 May 2024 12:13

Tgt Ion:252 Resp: 1716

Ion Ratio Lower Upper

252 100

253 51.0 18.2 27.2#

125 74.5 11.9 17.9#

