

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035785.D
 Acq On : 23 Dec 2024 15:41
 Operator : RC/JU
 Sample : P5314-02
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-678-680

Quant Time: Dec 23 16:19:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

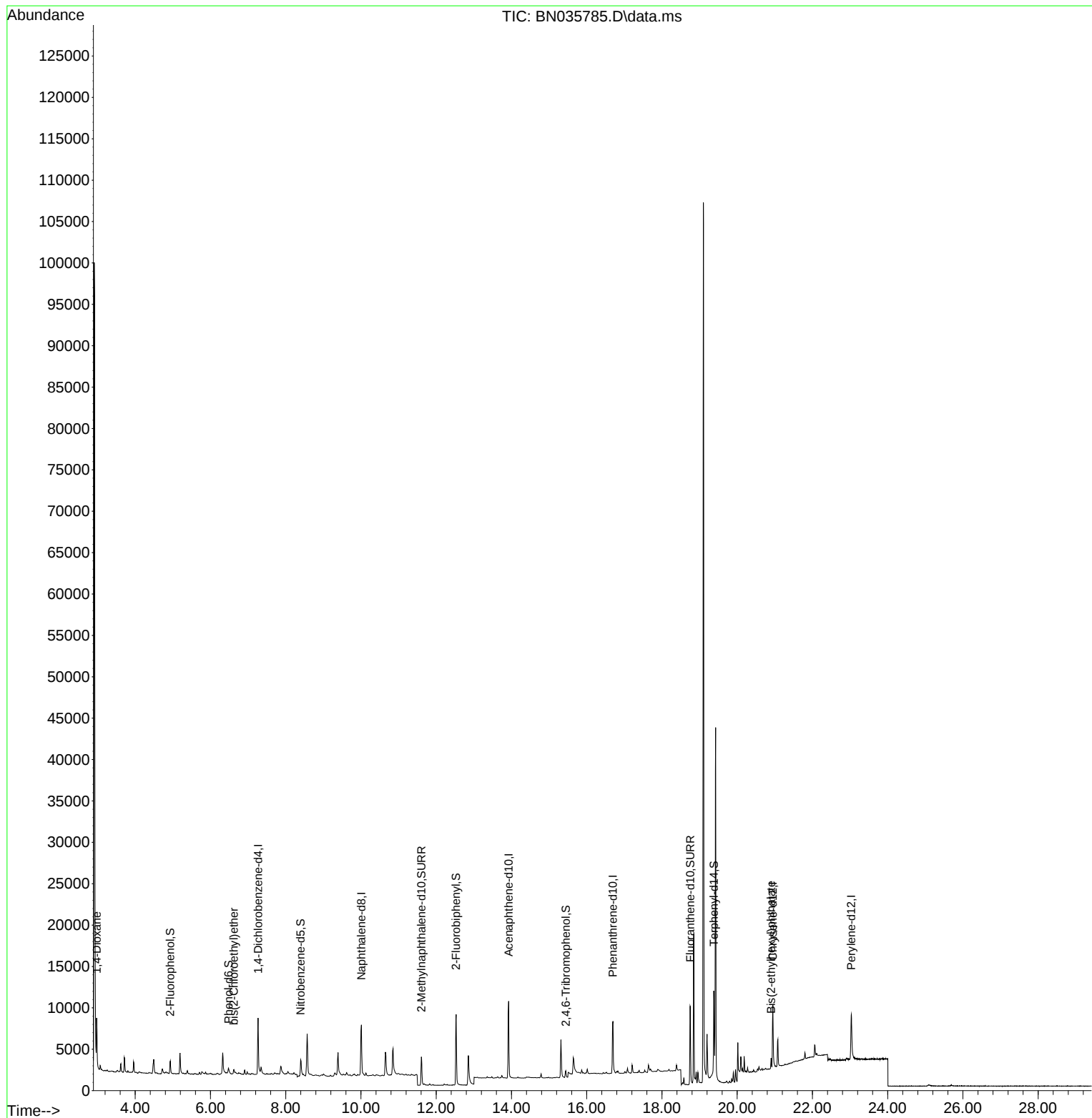
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3452	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8948	0.400	ng	#-0.01
13) Acenaphthene-d10	13.924	164	5551	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10343	0.400	ng	0.00
29) Chrysene-d12	20.947	240	8364	0.400	ng	0.00
35) Perylene-d12	23.032	264	8390	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1274	0.147	ng	0.00
5) Phenol-d6	6.477	99	870	0.084	ng	-0.01
8) Nitrobenzene-d5	8.397	82	2527	0.462	ng	-0.01
11) 2-Methylnaphthalene-d10	11.605	152	5390	0.385	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	819	0.208	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	8168	0.389	ng	-0.02
27) Fluoranthene-d10	18.752	212	11895	0.406	ng	0.00
31) Terphenyl-d14	19.379	244	9273	0.562	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	3613	1.095	ng	99
6) bis(2-Chloroethyl)ether	6.622	93	1088	0.125	ng	# 31
34) Bis(2-ethylhexyl)phtha...	20.902	149	1156	0.100	ng	# 99

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

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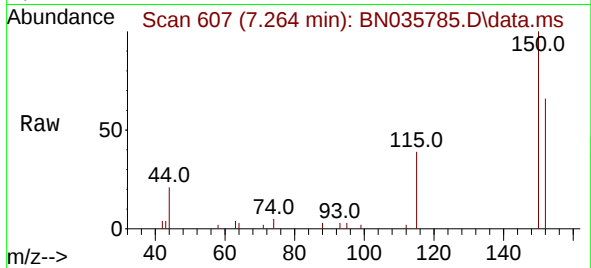
Quant Time: Dec 23 16:19:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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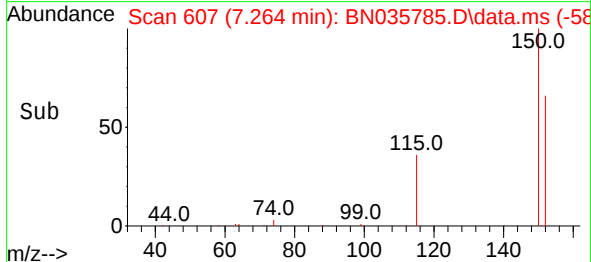
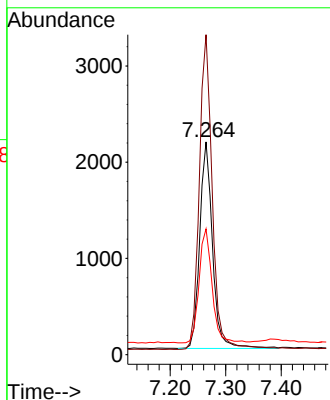


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-678-680

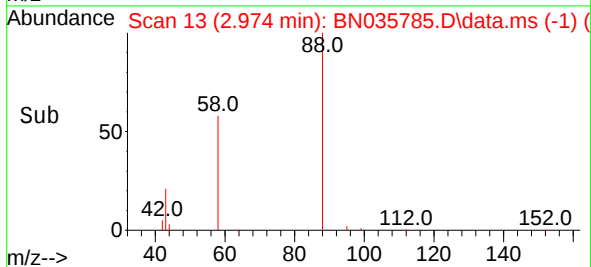
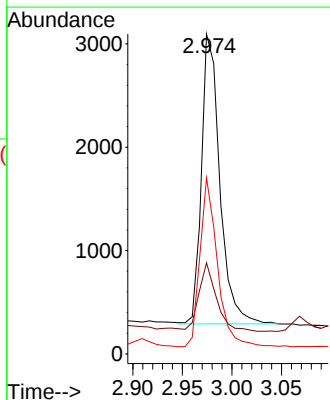
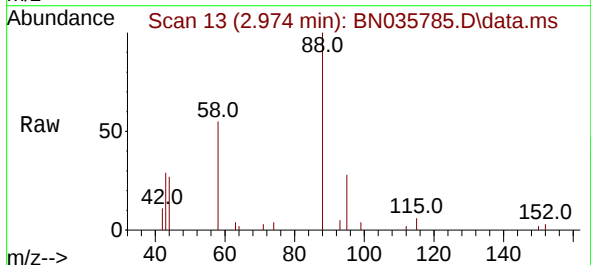


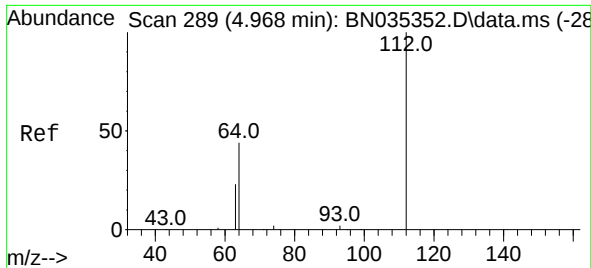
Tgt Ion:152 Resp: 3452
Ion Ratio Lower Upper
152 100
150 150.4 124.0 186.0
115 59.1 49.6 74.4



#2
1,4-Dioxane
Concen: 1.095 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

Tgt Ion: 88 Resp: 3613
Ion Ratio Lower Upper
88 100
43 22.7 17.2 25.8
58 55.4 44.5 66.7

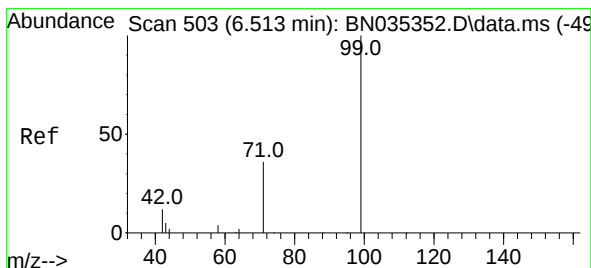
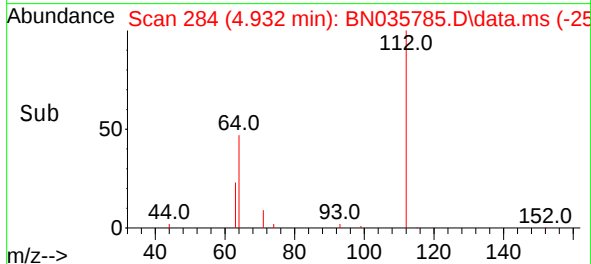
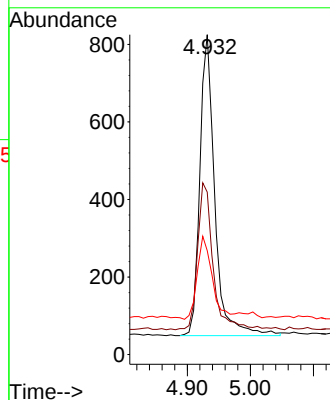
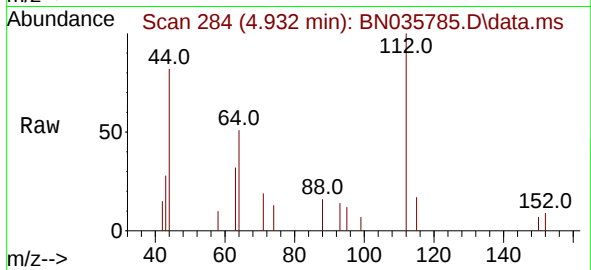




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

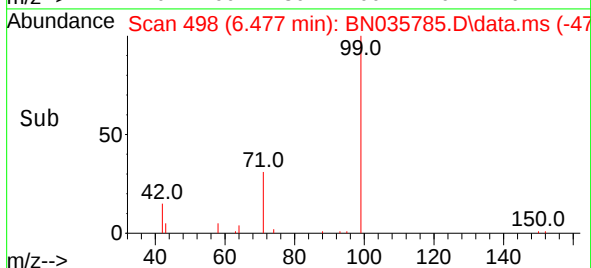
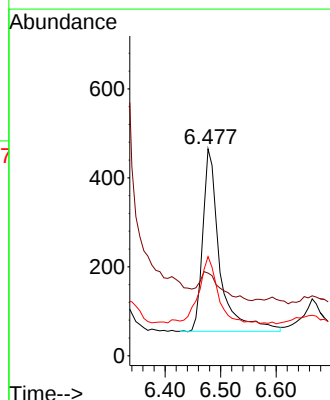
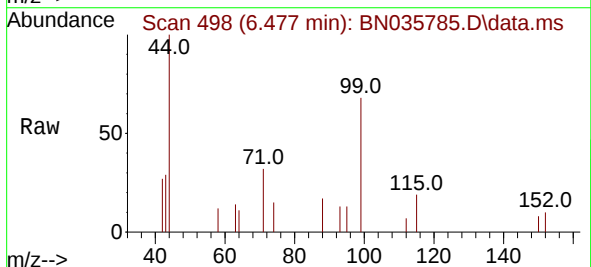
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-678-680

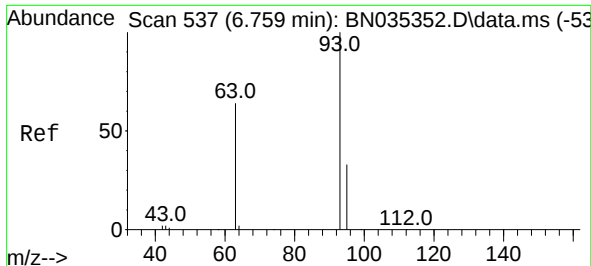
Tgt Ion:112	Resp:	1274
Ion	Ratio	Lower Upper
112	100	
64	51.5	39.8 59.8
63	27.9	21.0 31.6



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

Tgt Ion: 99	Resp:	870
Ion	Ratio	Lower Upper
99	100	
42	19.7	11.4 17.2#
71	41.5	29.3 43.9

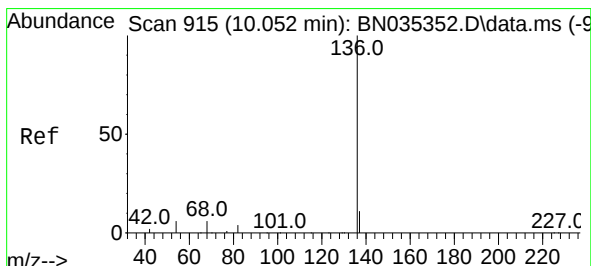
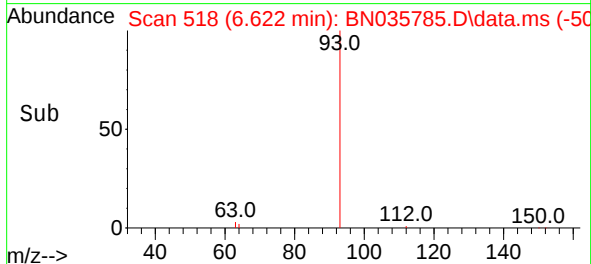
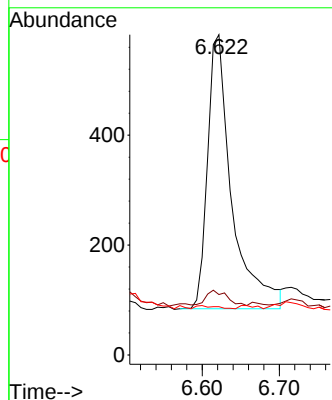
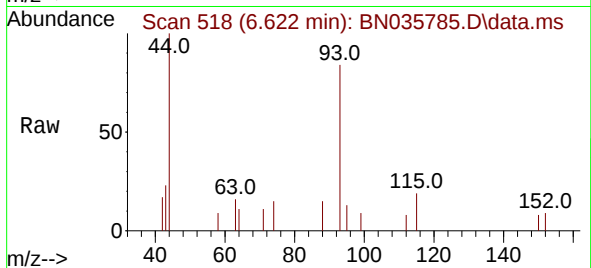




#6
bis(2-Chloroethyl)ether
Concen: 0.125 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.108 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

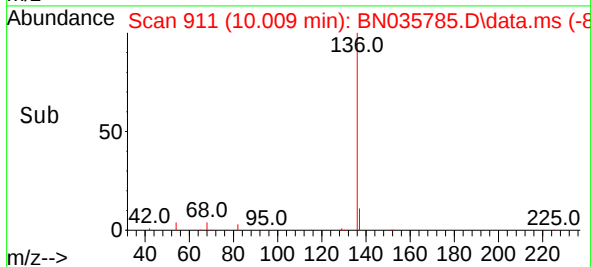
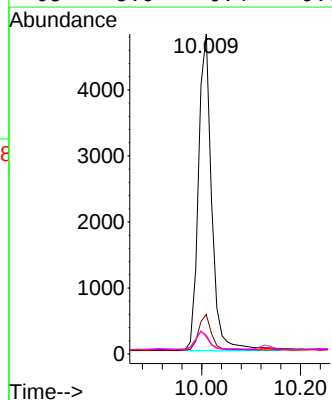
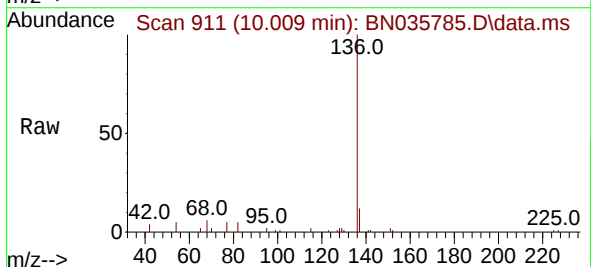
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-678-680

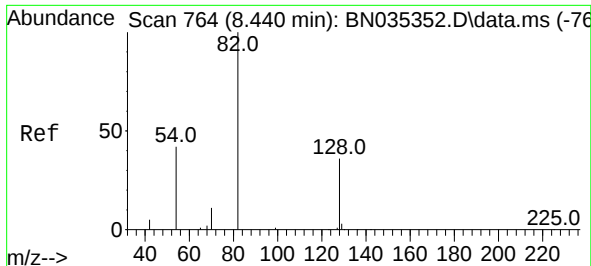
Tgt Ion: 93 Resp: 1088
Ion Ratio Lower Upper
93 100
63 4.8 50.4 75.6#
95 0.0 25.7 38.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

Tgt Ion: 136 Resp: 8948
Ion Ratio Lower Upper
136 100
137 12.4 10.2 15.2
54 5.4 6.1 9.1#
68 5.9 6.4 9.6#

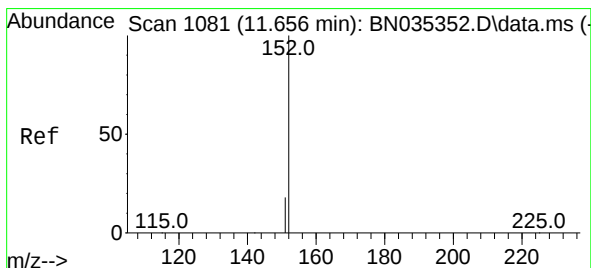
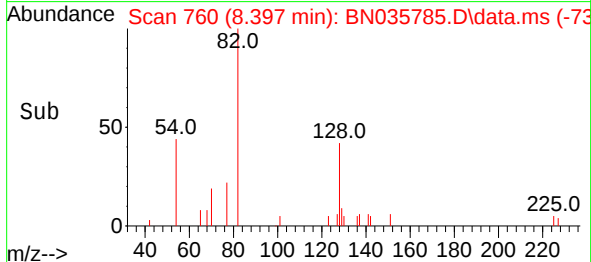
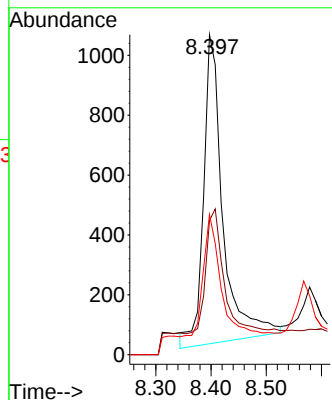
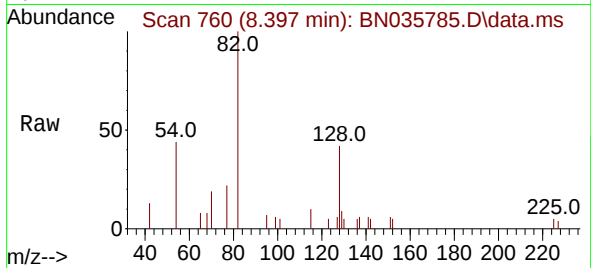




#8
Nitrobenzene-d5
Concen: 0.462 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

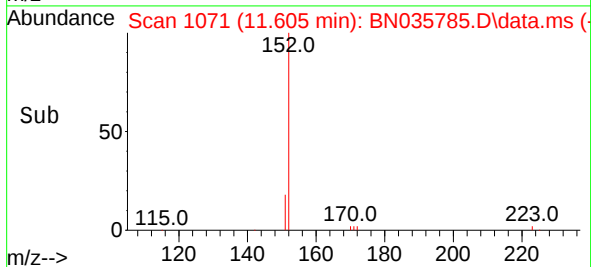
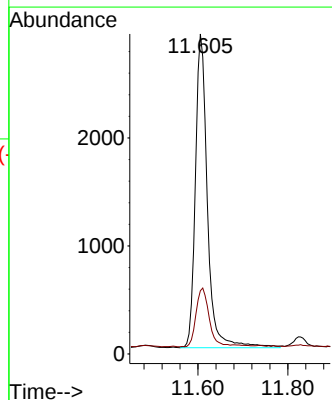
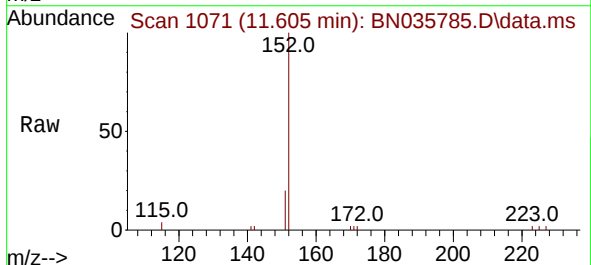
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-678-680

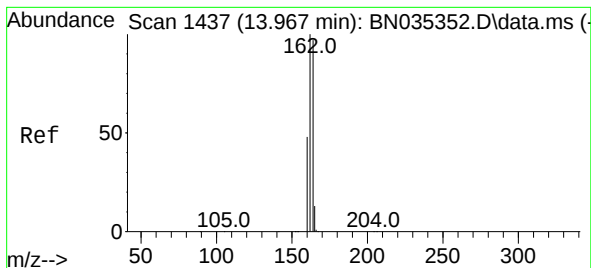
Tgt Ion: 82 Resp: 2527
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 43.9 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.605 min Scan# 1071
Delta R.T. -0.015 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

Tgt Ion: 152 Resp: 5390
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035785.D

Acq: 23 Dec 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-678-680

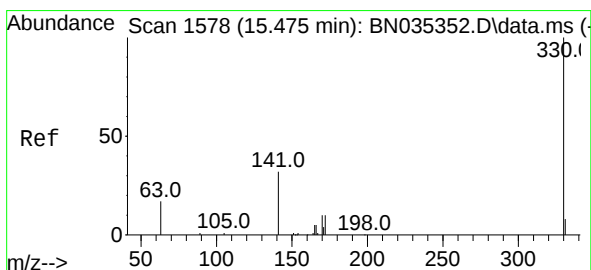
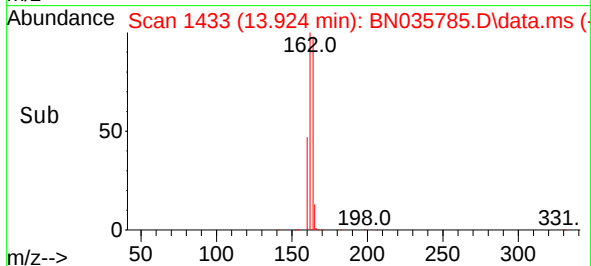
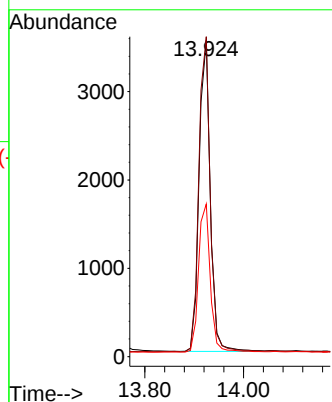
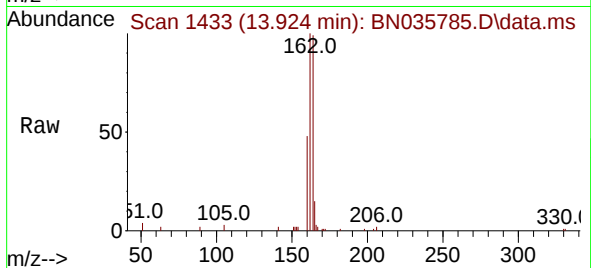
Tgt Ion:164 Resp: 5551

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

160 48.3 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.208 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035785.D

Acq: 23 Dec 2024 15:41

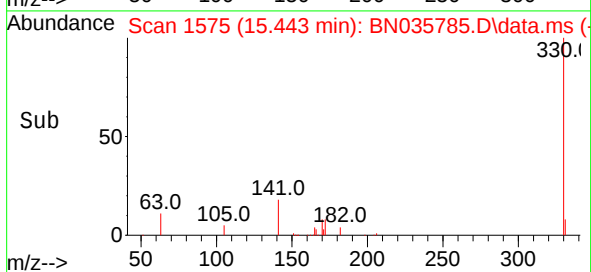
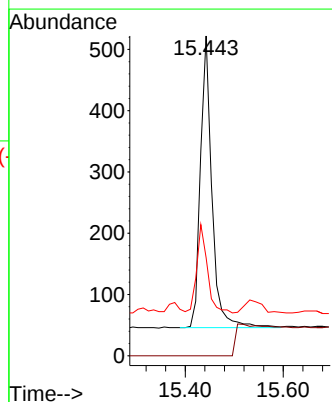
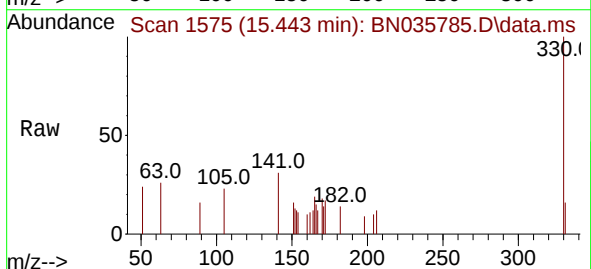
Tgt Ion:330 Resp: 819

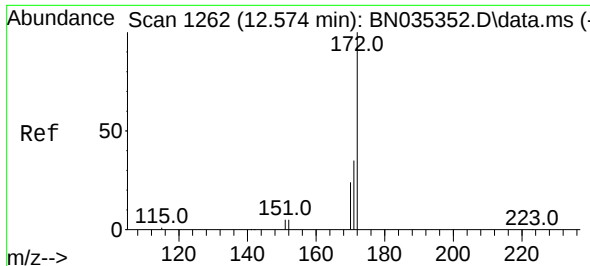
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 26.9 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 12.528 min Scan# 1677

Delta R.T. -0.015 min

Lab File: BN035785.D

Acq: 23 Dec 2024 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-678-680

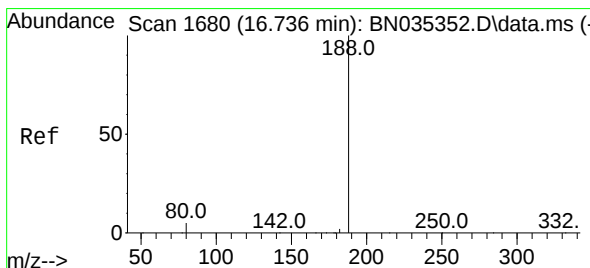
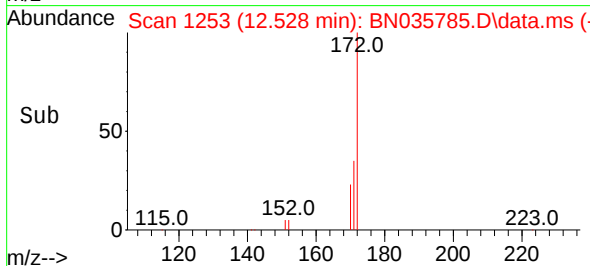
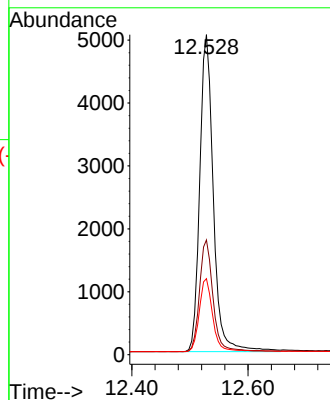
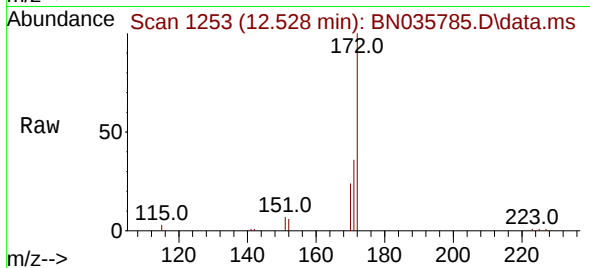
Tgt Ion:172 Resp: 8168

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.8 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BN035785.D

Acq: 23 Dec 2024 15:41

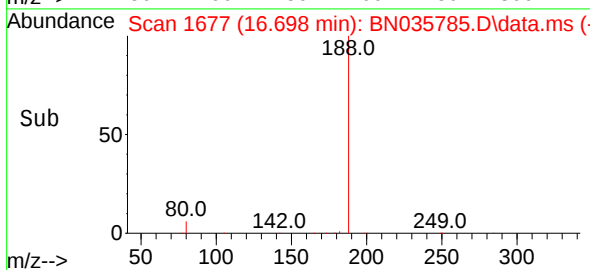
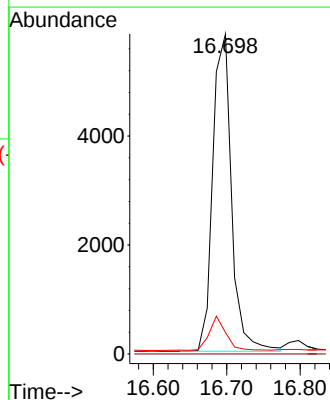
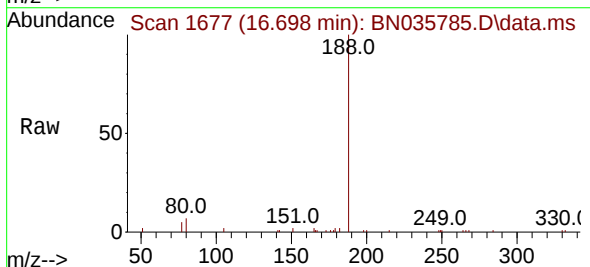
Tgt Ion:188 Resp: 10343

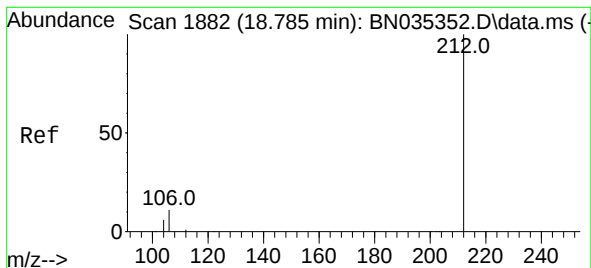
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.7 4.6 6.8





#27

Fluoranthene-d10

Concen: 0.406 ng

RT: 18.752 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN035785.D

Acq: 23 Dec 2024 15:41

Instrument :

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BP-VPB-190A-GW-678-680

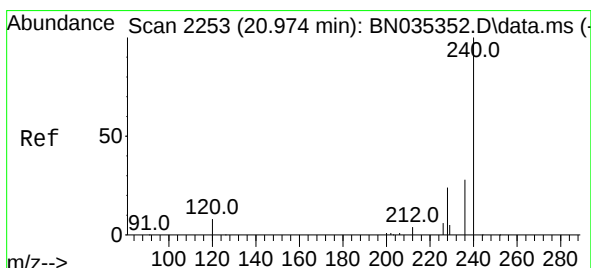
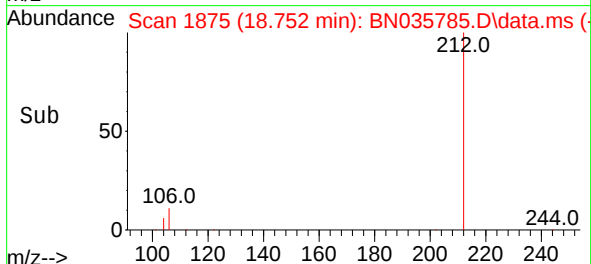
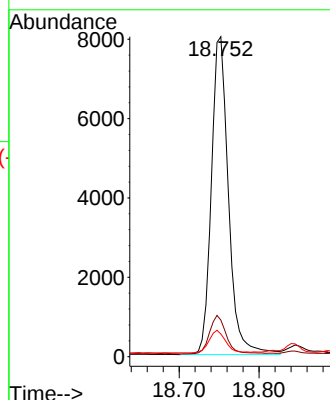
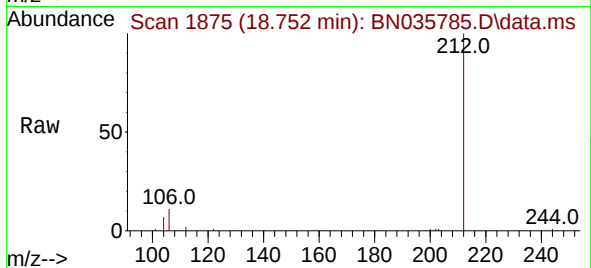
Tgt Ion:212 Resp: 11895

Ion Ratio Lower Upper

212 100

106 11.9 9.2 13.8

104 6.8 5.3 7.9



#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.947 min Scan# 2250

Delta R.T. -0.009 min

Lab File: BN035785.D

Acq: 23 Dec 2024 15:41

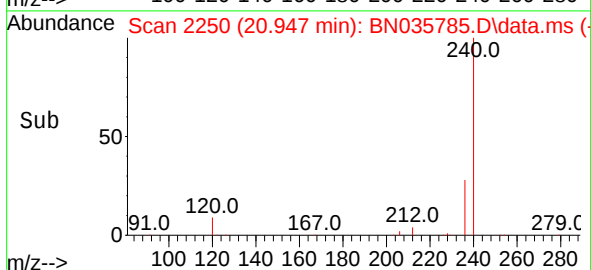
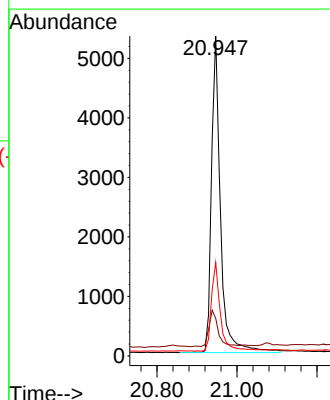
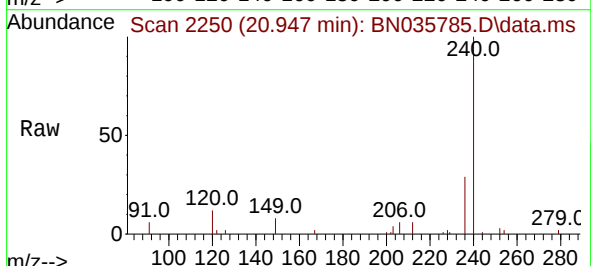
Tgt Ion:240 Resp: 8364

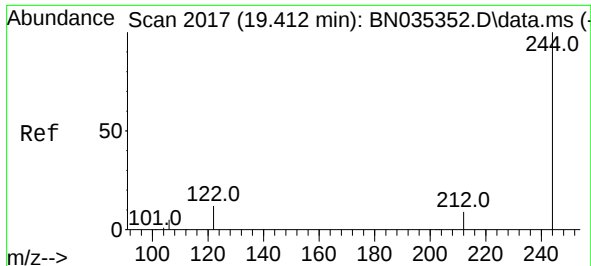
Ion Ratio Lower Upper

240 100

120 11.7 7.9 11.9

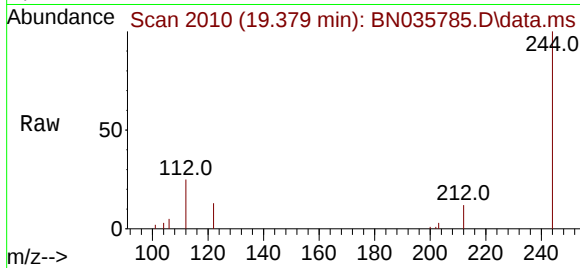
236 29.2 22.9 34.3



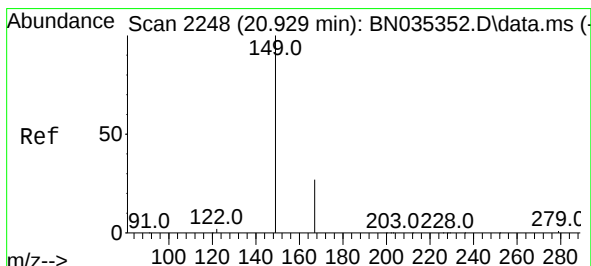
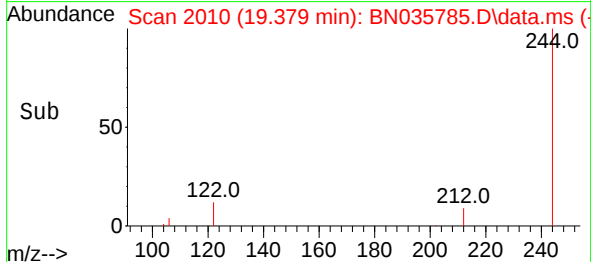
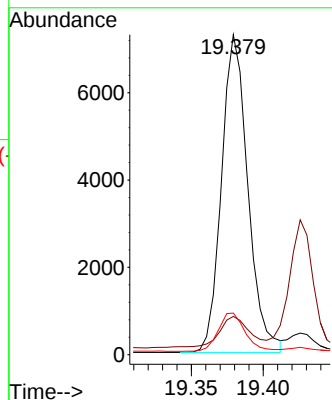


#31
 Terphenyl-d14
 Concen: 0.562 ng
 RT: 19.379 min Scan# 2010
 Delta R.T. -0.009 min
 Lab File: BN035785.D
 Acq: 23 Dec 2024 15:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-678-680

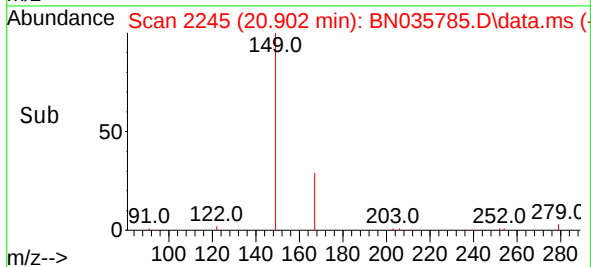
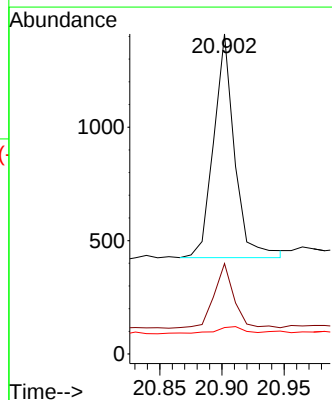
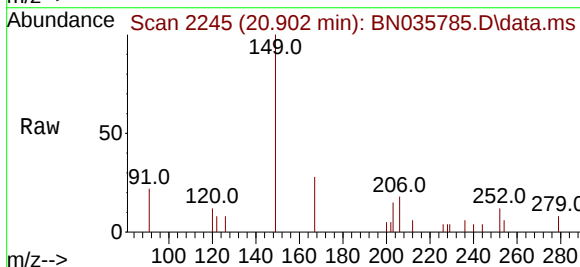


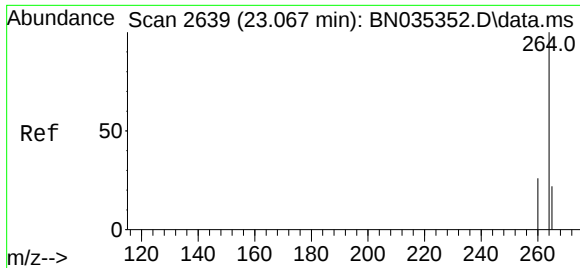
Tgt Ion:244 Resp: 9273
 Ion Ratio Lower Upper
 244 100
 212 12.0 8.1 12.1
 122 13.0 10.3 15.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.100 ng
 RT: 20.902 min Scan# 2245
 Delta R.T. -0.009 min
 Lab File: BN035785.D
 Acq: 23 Dec 2024 15:41

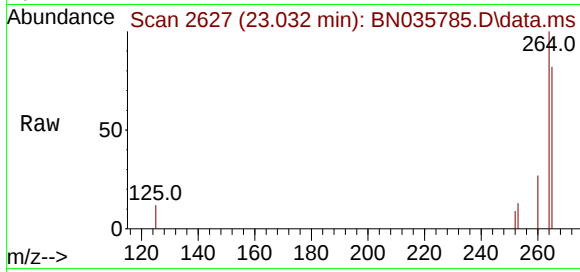
Tgt Ion:149 Resp: 1156
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 4.8 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035785.D
Acq: 23 Dec 2024 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-678-680



Tgt Ion:264 Resp: 8390
Ion Ratio Lower Upper
264 100
260 26.8 21.4 32.2
265 82.2 40.2 60.4#

