

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120424\
 Data File : BN035412.D
 Acq On : 03 Dec 2024 20:36
 Operator : RC/JU
 Sample : P5065-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP300A-20241202

Quant Time: Dec 03 22:06:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

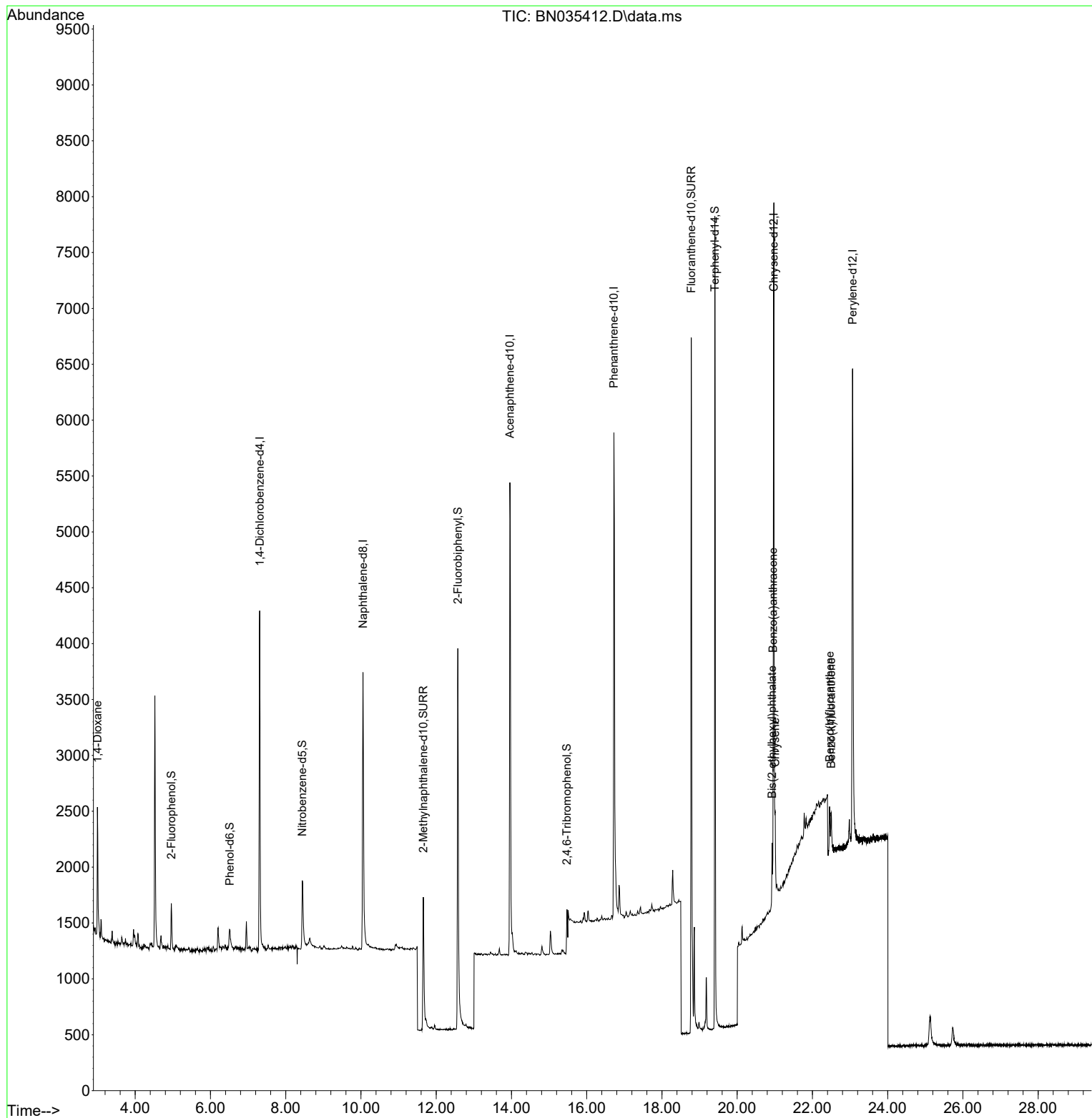
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	1636	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4083	0.400	ng	0.00
13) Acenaphthene-d10	13.956	164	2951	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	7433	0.400	ng	#-0.01
29) Chrysene-d12	20.973	240	6344	0.400	ng	0.00
35) Perylene-d12	23.067	264	5799	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.960	112	375	0.092	ng	0.00
5) Phenol-d6	6.513	99	224	0.045	ng	0.00
8) Nitrobenzene-d5	8.440	82	804	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	2329	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.474	330	435	0.208	ng	0.00
15) 2-Fluorobiphenyl	12.574	172	4173	0.374	ng	0.00
27) Fluoranthene-d10	18.780	212	7907	0.375	ng	0.00
31) Terphenyl-d14	19.407	244	7562	0.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.996	88	884	0.565	ng	98
32) Benzo(a)anthracene	20.956	228	457	0.021	ng	# 79
33) Chrysene	21.009	228	622	0.027	ng	# 85
34) Bis(2-ethylhexyl)phtha...	20.929	149	548	0.063	ng	# 98
37) Benzo(b)fluoranthene	22.456	252	598	0.028	ng	# 16
38) Benzo(k)fluoranthene	22.500	252	476	0.023	ng	# 4

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

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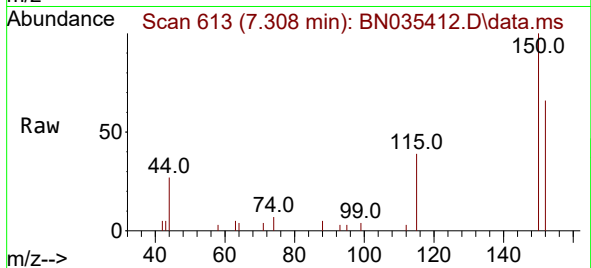
Quant Time: Dec 03 22:06:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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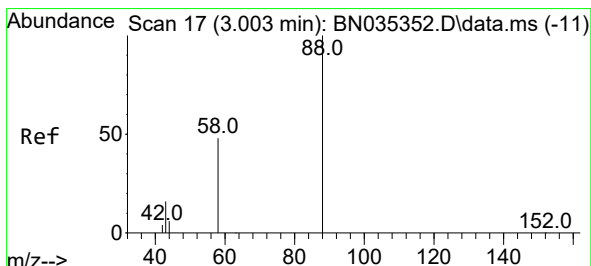
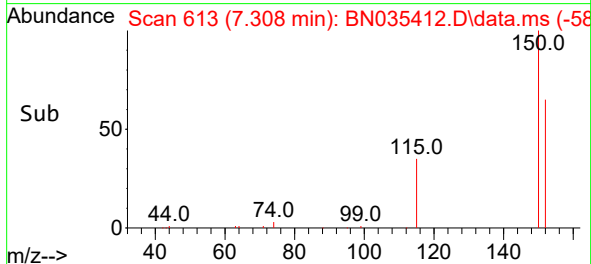
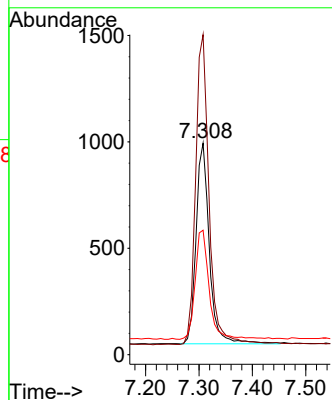
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.308 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN035412.D
 Acq: 03 Dec 2024 20:36

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP300A-20241202



Tgt Ion:152 Resp: 1636

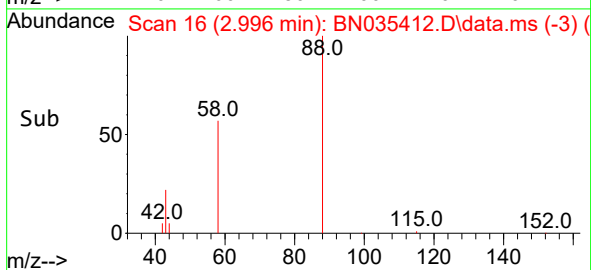
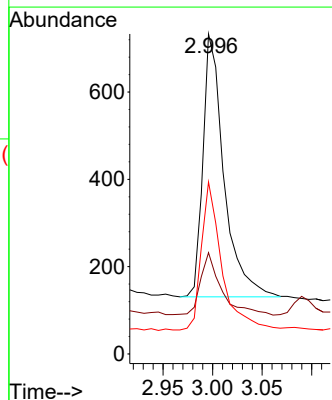
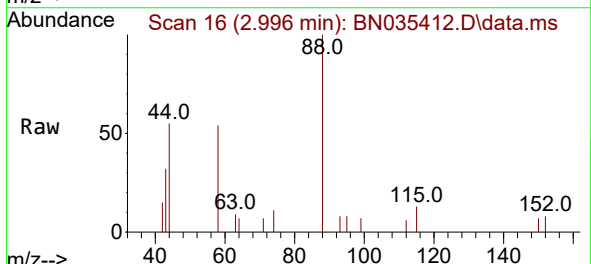
Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.0	186.0
115	58.9	49.6	74.4

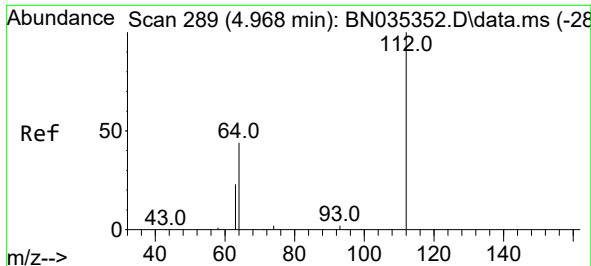


#2
 1,4-Dioxane
 Concen: 0.565 ng
 RT: 2.996 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN035412.D
 Acq: 03 Dec 2024 20:36

Tgt Ion: 88 Resp: 884

Ion	Ratio	Lower	Upper
88	100		
43	23.6	17.2	25.8
58	54.8	44.5	66.7

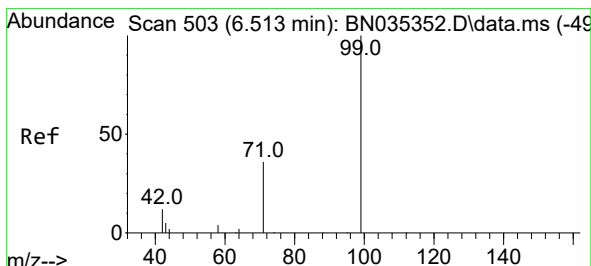
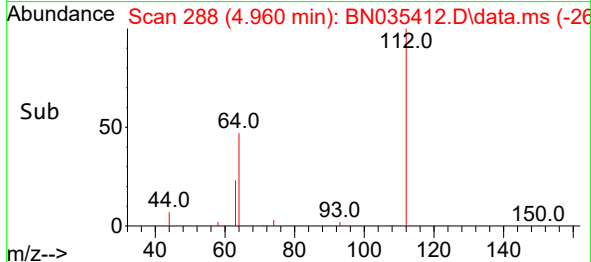
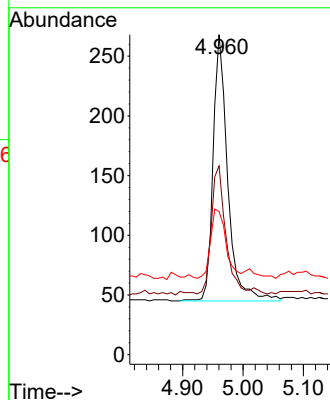
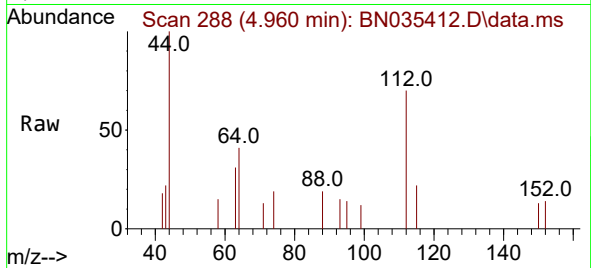




#4
2-Fluorophenol
Concen: 0.092 ng
RT: 4.960 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

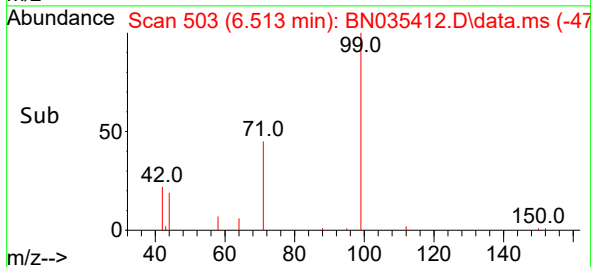
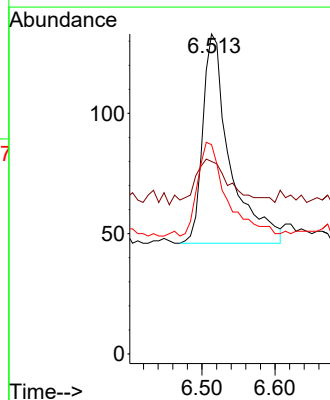
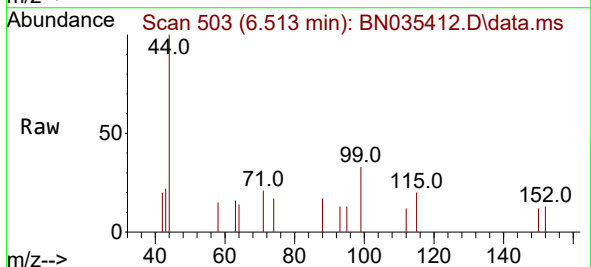
Instrument :
BNA_N
ClientSampleId :
RW7-SP300A-20241202

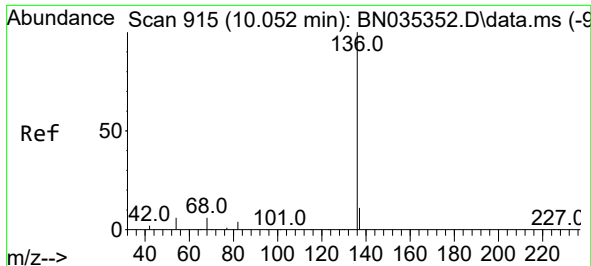
Tgt Ion:112 Resp: 375
Ion Ratio Lower Upper
112 100
64 46.9 39.8 59.8
63 27.2 21.0 31.6



#5
Phenol-d6
Concen: 0.045 ng
RT: 6.513 min Scan# 503
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion: 99 Resp: 224
Ion Ratio Lower Upper
99 100
42 24.6 11.4 17.2#
71 48.7 29.3 43.9#

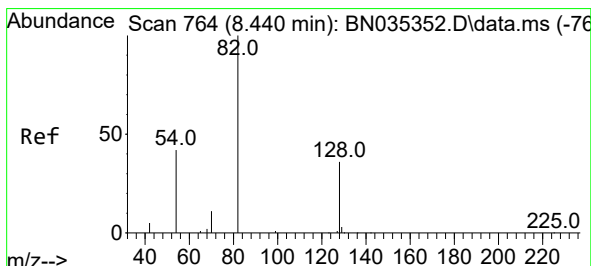
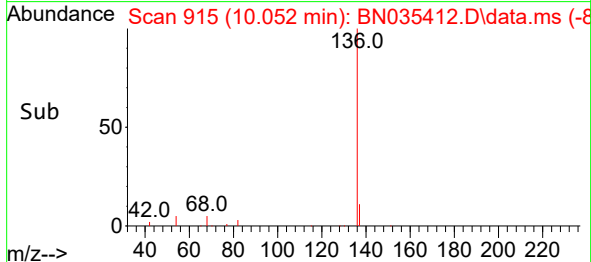
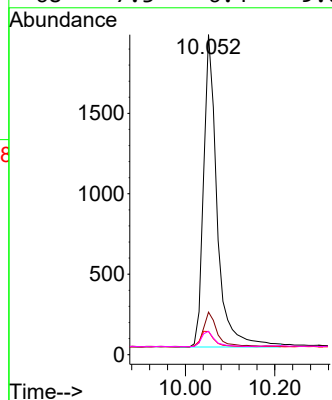
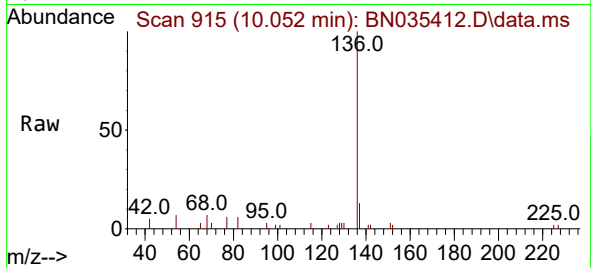




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

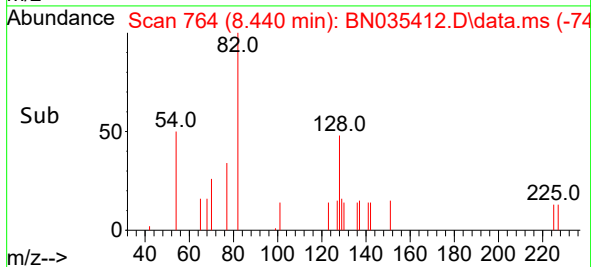
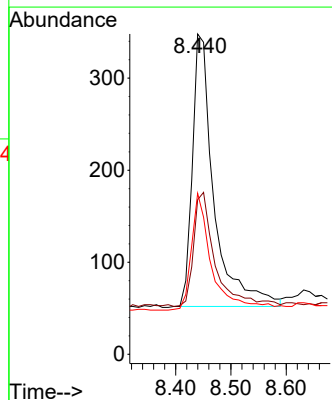
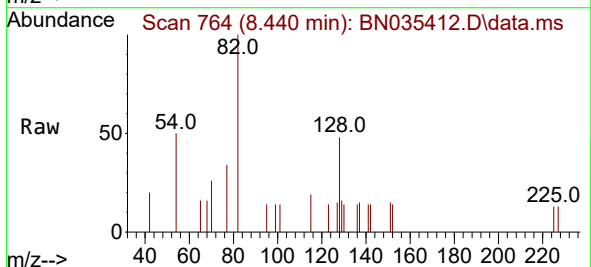
Instrument :
BNA_N
ClientSampleId :
RW7-SP300A-20241202

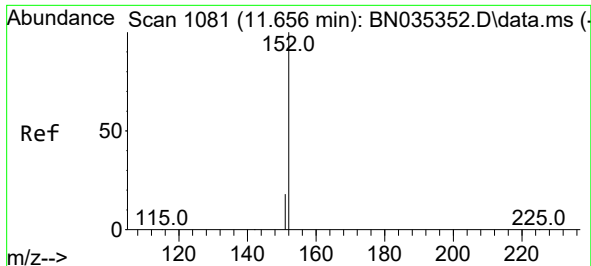
Tgt Ion:	136	Resp:	4083
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.2	15.2
54	7.2	6.1	9.1
68	7.3	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.440 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:	82	Resp:	804
Ion	Ratio	Lower	Upper
82	100		
128	48.3	33.4	50.0
54	50.3	36.7	55.1





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 11.656 min Scan# 1081

Delta R.T. -0.000 min

Lab File: BN035412.D

Acq: 03 Dec 2024 20:36

Instrument :

BNA_N

ClientSampleId :

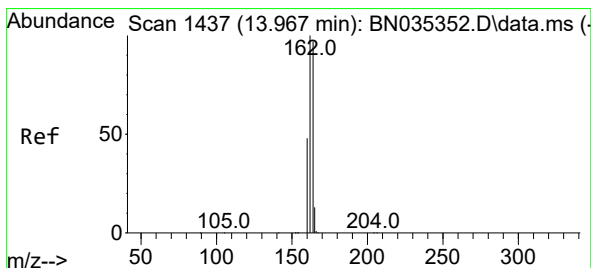
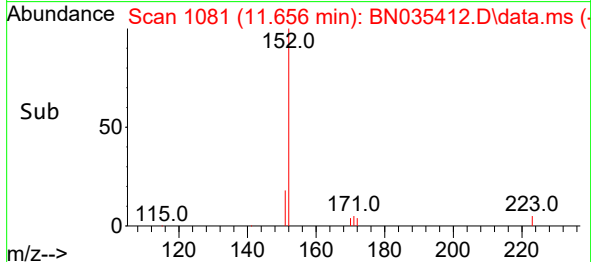
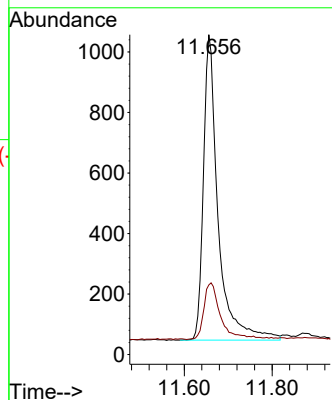
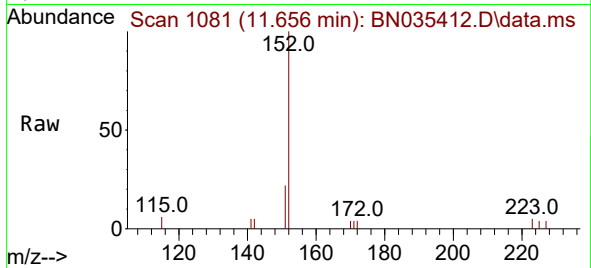
RW7-SP300A-20241202

Tgt Ion:152 Resp: 2329

Ion Ratio Lower Upper

152 100

151 21.2 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.956 min Scan# 1436

Delta R.T. -0.011 min

Lab File: BN035412.D

Acq: 03 Dec 2024 20:36

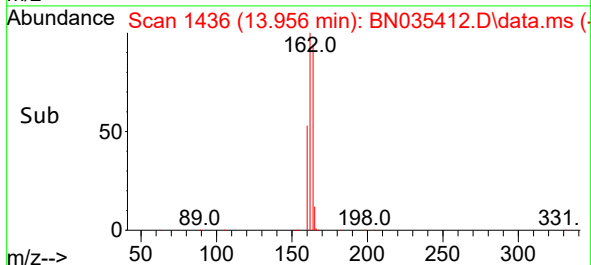
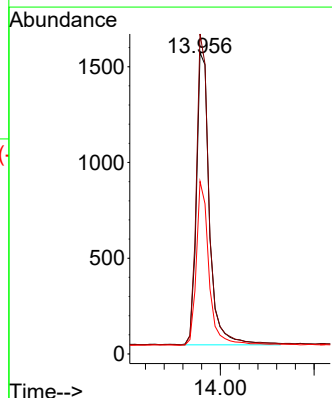
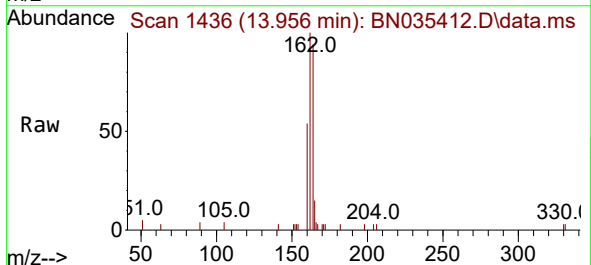
Tgt Ion:164 Resp: 2951

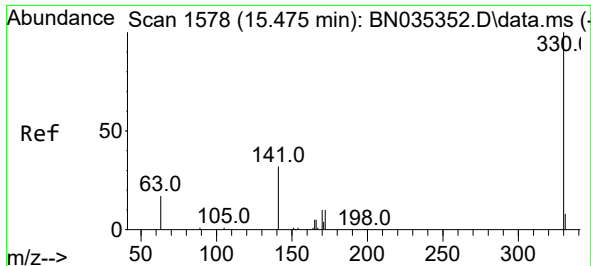
Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.2

160 57.3 40.1 60.1

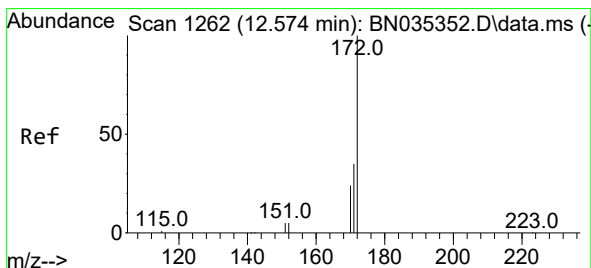
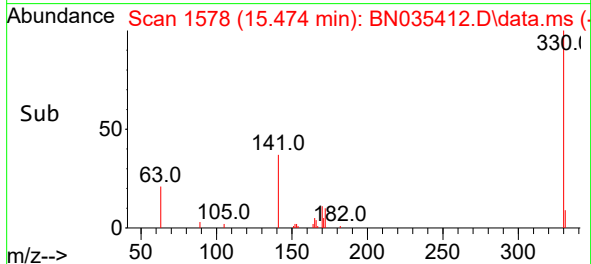
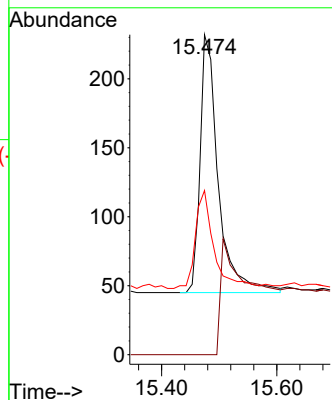
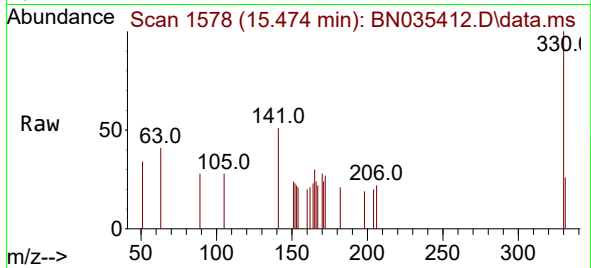




#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

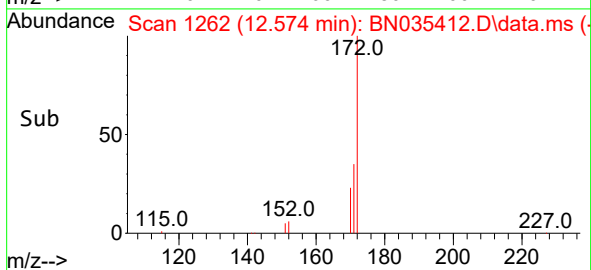
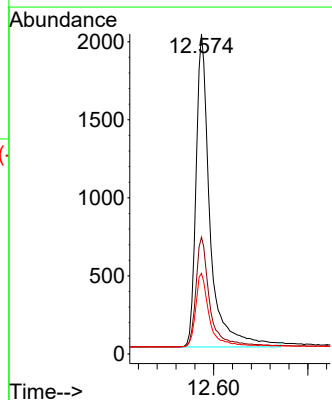
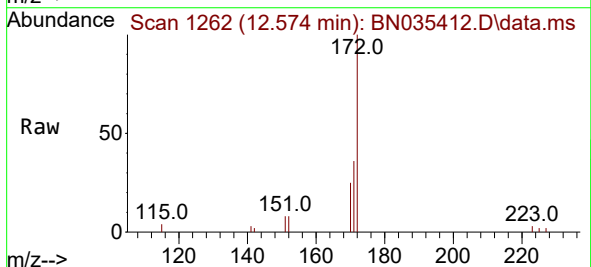
Instrument :
BNA_N
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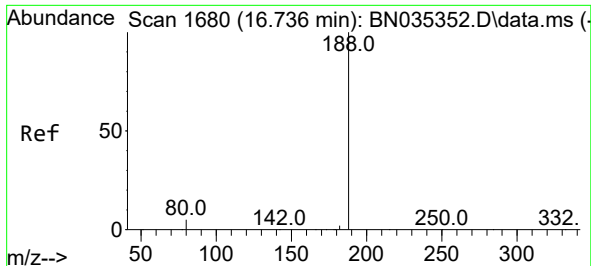
Tgt Ion:330 Resp: 435
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.574 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:172 Resp: 4173
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.2 19.8 29.8

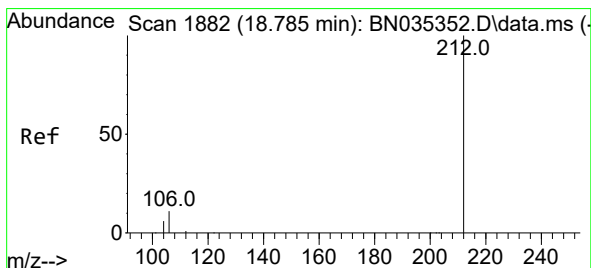
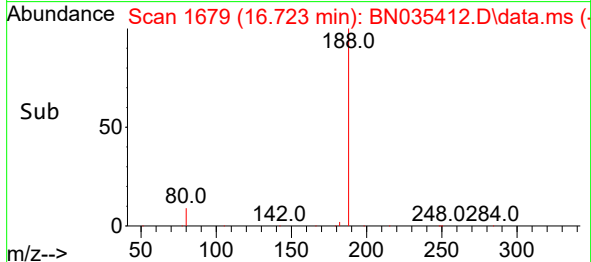
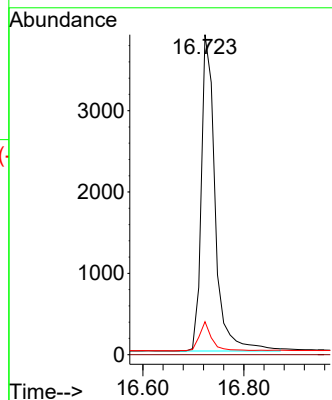
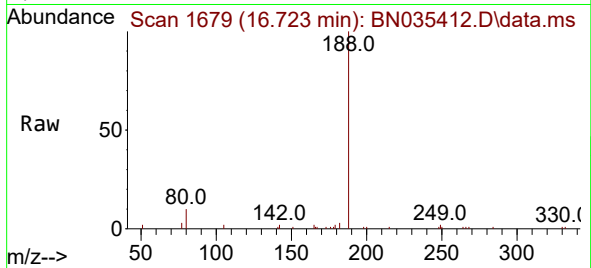




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.013 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

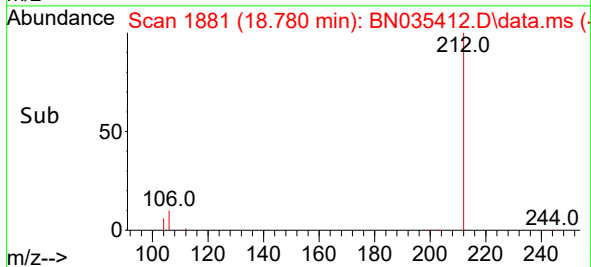
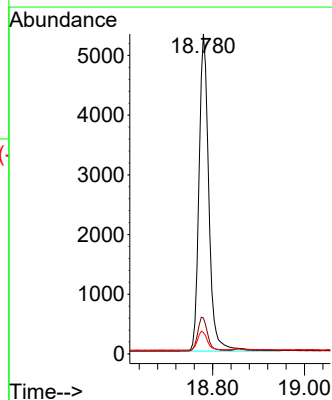
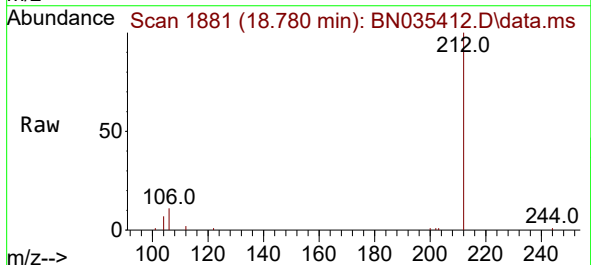
Instrument :
BNA_N
ClientSampleId :
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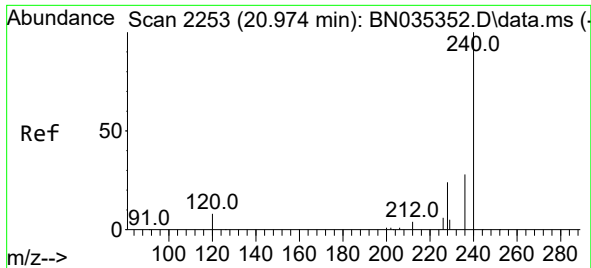
Tgt Ion:188 Resp: 7433
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.780 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:212 Resp: 7907
Ion Ratio Lower Upper
212 100
106 10.6 9.2 13.8
104 5.9 5.3 7.9

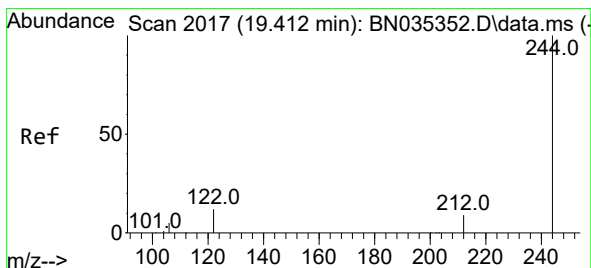
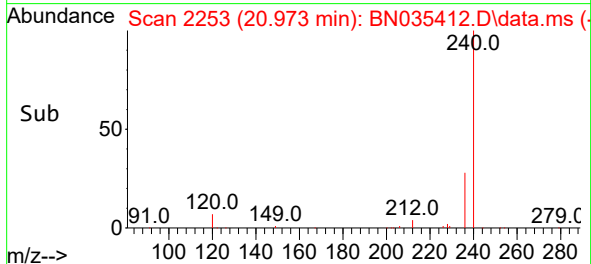
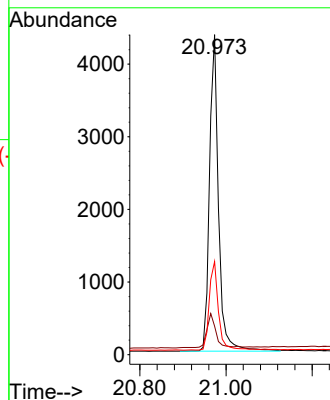
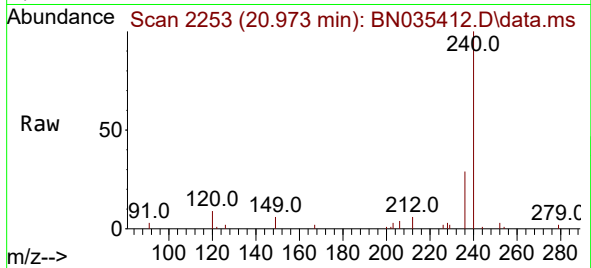




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.973 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

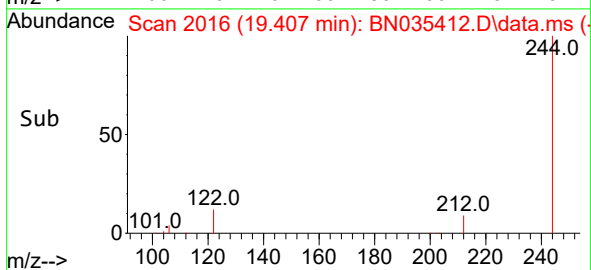
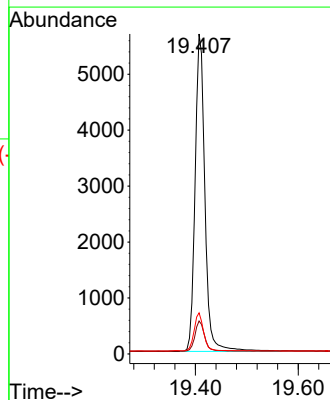
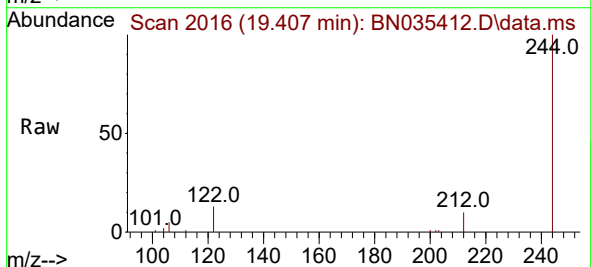
Instrument :
BNA_N
ClientSampleId :
RW7-SP300A-20241202

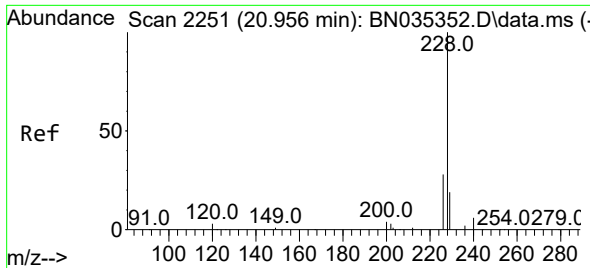
Tgt Ion:240 Resp: 6344
Ion Ratio Lower Upper
240 100
120 8.9 7.9 11.9
236 29.1 22.9 34.3



#31
Terphenyl-d14
Concen: 0.604 ng
RT: 19.407 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:244 Resp: 7562
Ion Ratio Lower Upper
244 100
212 10.3 8.1 12.1
122 12.9 10.3 15.5

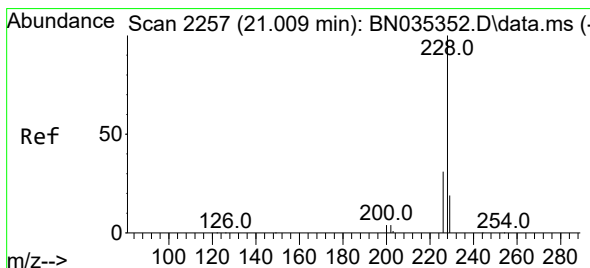
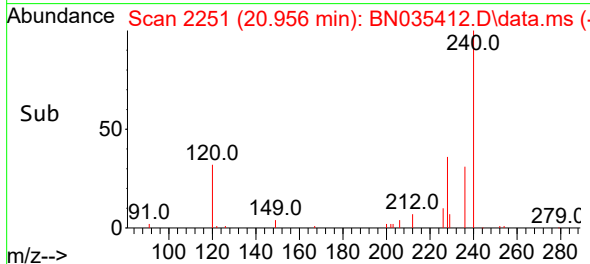
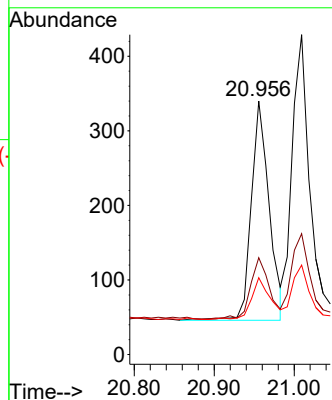
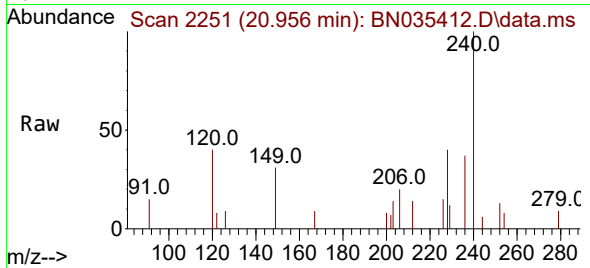




#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

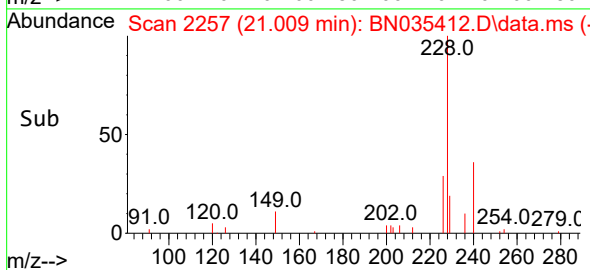
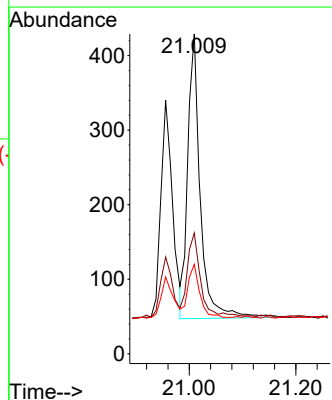
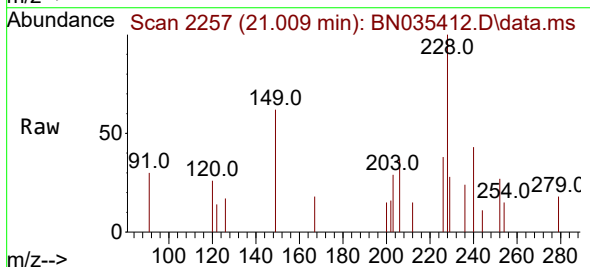
Instrument :
BNA_N
ClientSampleId :
RW7-SP300A-20241202

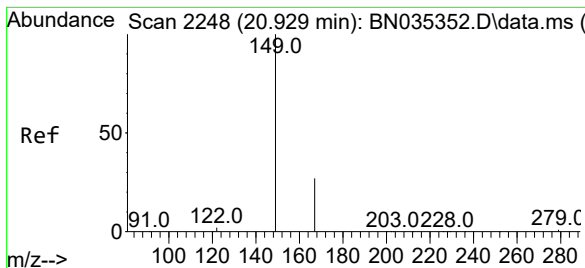
Tgt Ion:228 Resp: 457
Ion Ratio Lower Upper
228 100
226 38.2 22.5 33.7#
229 30.3 15.8 23.8#



#33
Chrysene
Concen: 0.027 ng
RT: 21.009 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:228 Resp: 622
Ion Ratio Lower Upper
228 100
226 37.8 24.6 37.0#
229 28.0 15.9 23.9#

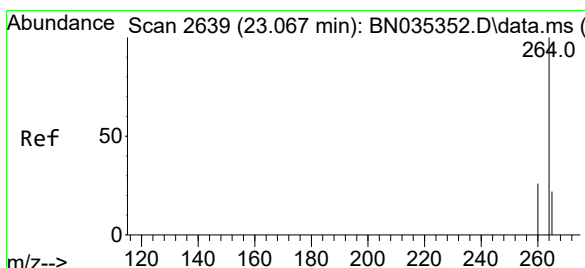
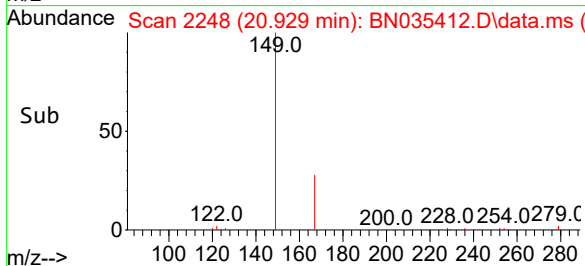
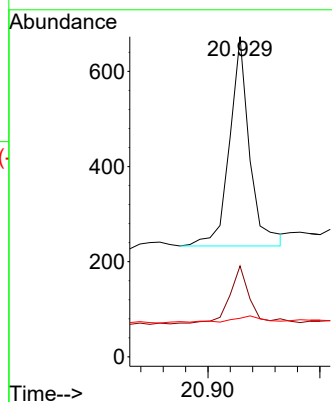
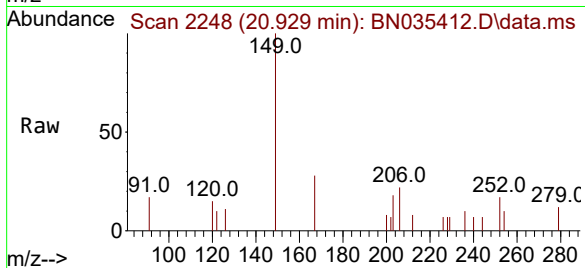




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 20.929 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

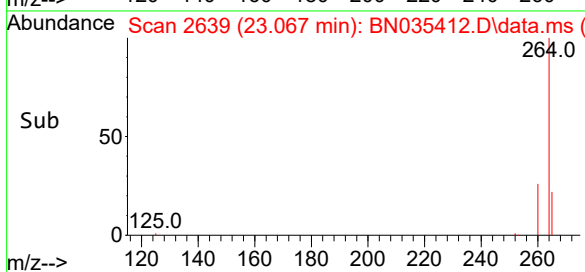
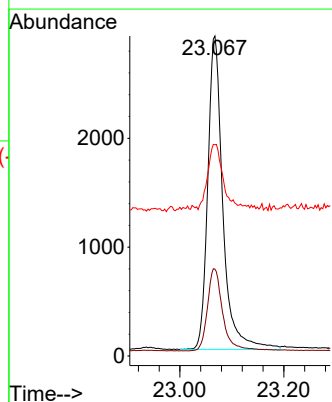
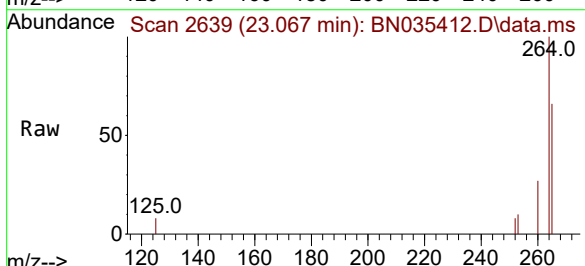
Instrument :
BNA_N
ClientSampleId :
RW7-SP300A-20241202

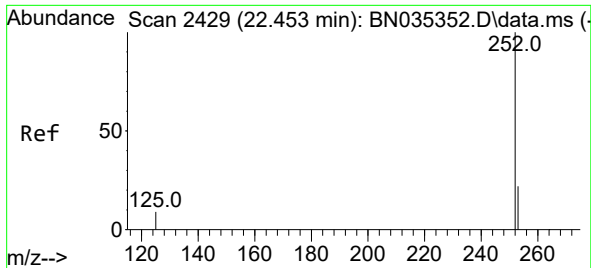
Tgt Ion:149 Resp: 548
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.4
279 4.2 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.067 min Scan# 2639
Delta R.T. -0.000 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:264 Resp: 5799
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 66.0 40.2 60.4#

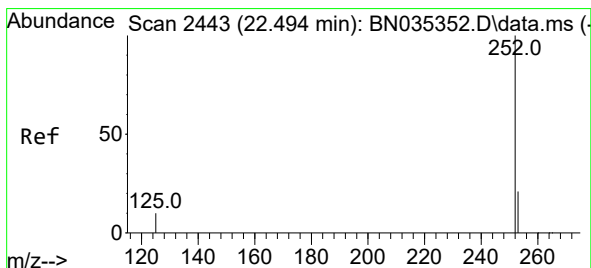
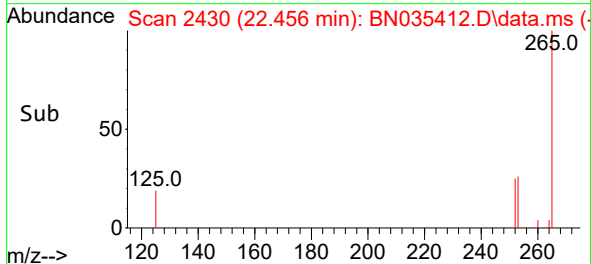
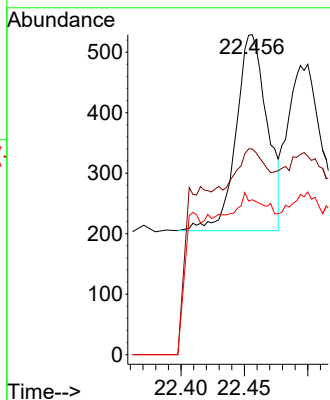
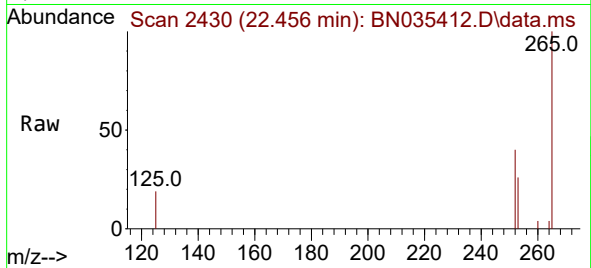




#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.456 min Scan# 2430
Delta R.T. 0.003 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Instrument :
BNA_N
ClientSampleId :
RW7-SP300A-20241202

Tgt Ion:252 Resp: 598
Ion Ratio Lower Upper
252 100
253 64.3 19.6 29.4#
125 48.4 9.6 14.4#



#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.500 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BN035412.D
Acq: 03 Dec 2024 20:36

Tgt Ion:252 Resp: 476
Ion Ratio Lower Upper
252 100
253 68.3 19.5 29.3#
125 56.0 10.2 15.4#

