

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033264.D
 Acq On : 06 Aug 2024 09:21
 Operator : MA/JU
 Sample : P3455-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-50-20240801DL

Quant Time: Aug 06 10:52:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

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

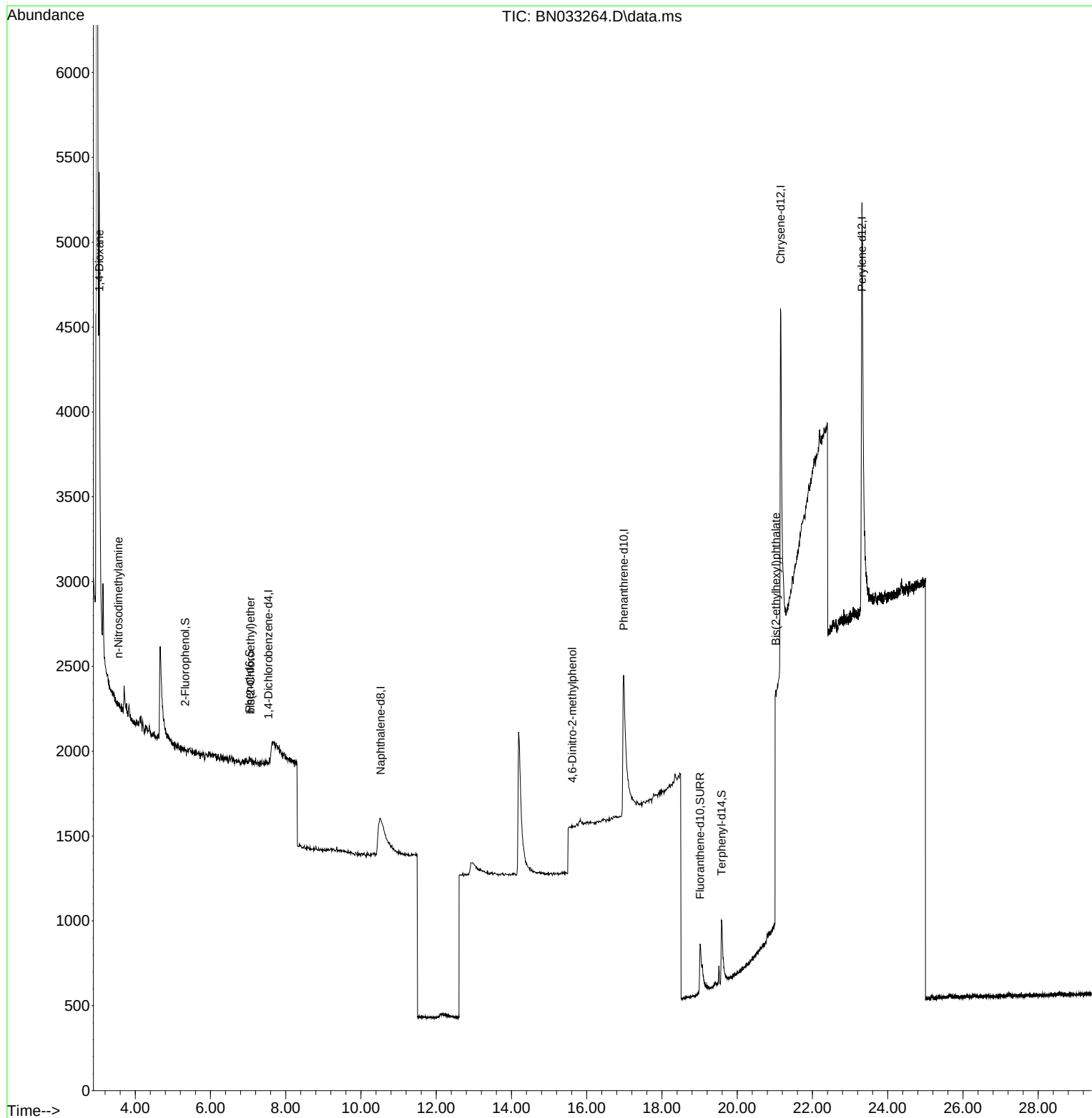
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5	0.400	ng	# 0.03
7) Naphthalene-d8	10.522	136	1401	0.400	ng	# 0.20
13) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.13
19) Phenanthrene-d10	16.982	188	3342	0.400	ng	# 0.06
29) Chrysene-d12	21.151	240	4962	0.400	ng	# 0.03
35) Perylene-d12	23.315	264	5969	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.329	112	3	0.242	ng	0.04
5) Phenol-d6	7.040	99	2	0.118	ng	0.05
8) Nitrobenzene-d5	9.091	82	4	0.004	ng	0.17
11) 2-Methylnaphthalene-d10	12.113	152	39	0.019	ng	0.19
14) 2,4,6-Tribromophenol	15.728	330	1	0.000	ng	0.01
15) 2-Fluorobiphenyl	12.950	172	239	0.000	ng	0.15
27) Fluoranthene-d10	19.015	212	941	0.101	ng	0.06
31) Terphenyl-d14	19.582	244	984	0.115	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.047	88	1509	274.196	ng	# 88
3) n-Nitrosodimethylamine	3.552	42	32	5.248	ng	# 34
6) bis(2-Chloroethyl)ether	7.062	93	12	0.837	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.617	198	6	0.258	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.026	149	859	0.250	ng	# 84

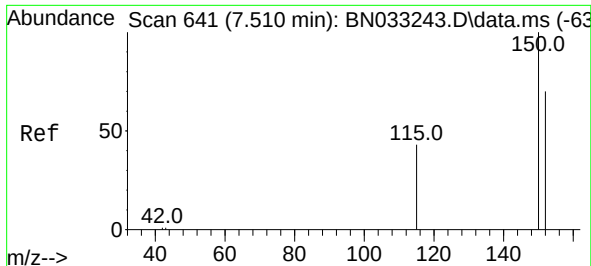
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
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ALS Vial : 27 Sample Multiplier: 1

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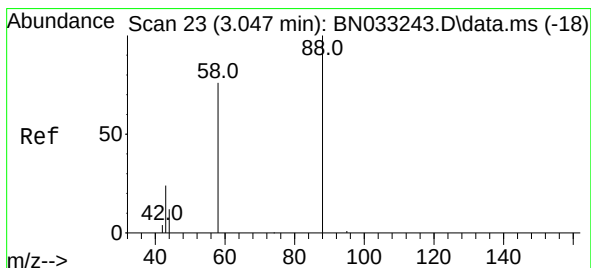
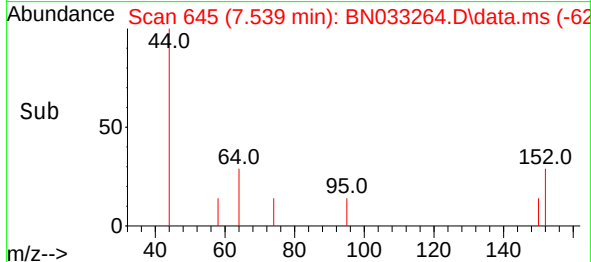
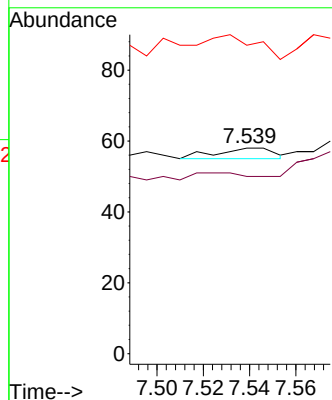
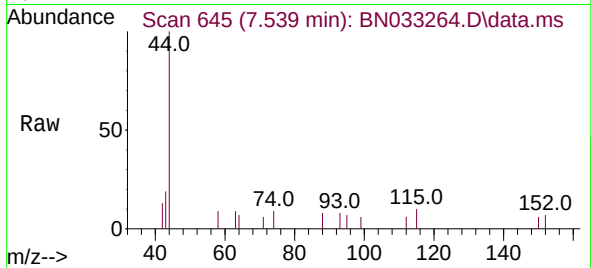




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.539 min Scan# 64
Delta R.T. 0.029 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

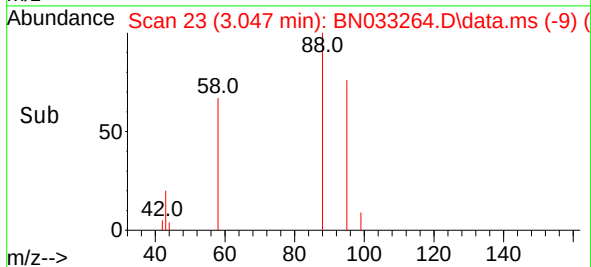
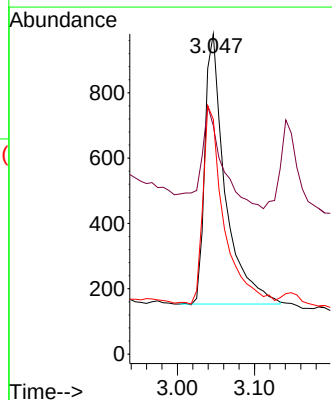
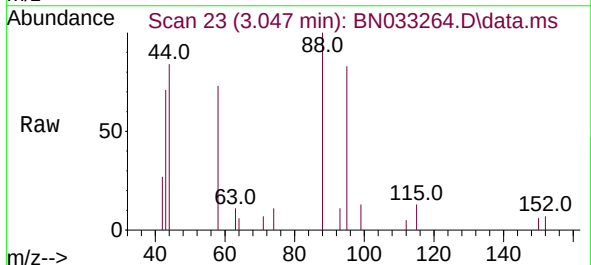
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801DL

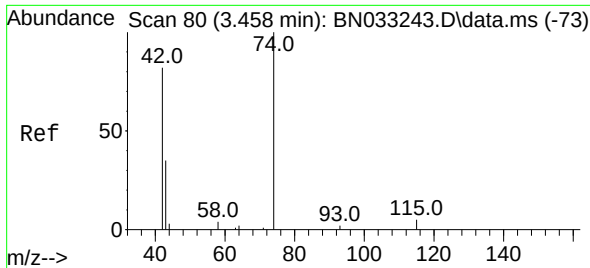
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
150 86.2 108.2 162.2#
115 150.0 70.5 105.7#



#2
1,4-Dioxane
Concen: 274.196 ng
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Tgt Ion: 88 Resp: 1509
Ion Ratio Lower Upper
88 100
43 37.0 18.6 28.0#
58 73.4 54.5 81.7

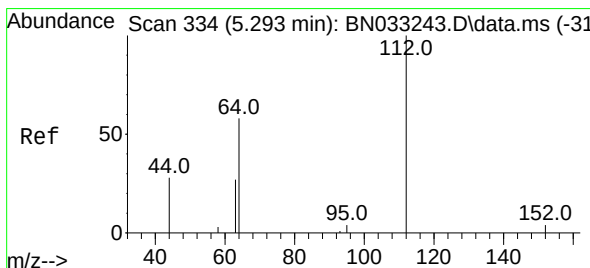
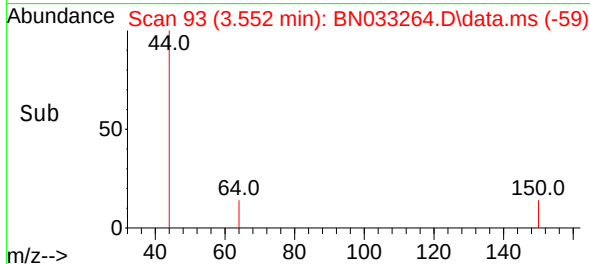
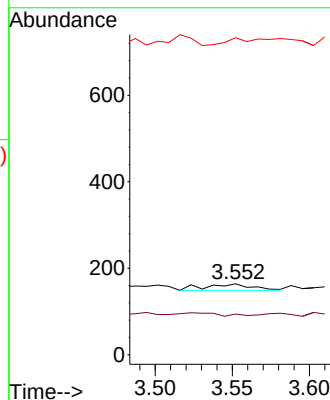
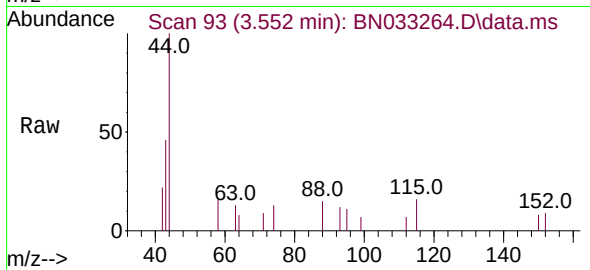




#3
 n-Nitrosodimethylamine
 Concen: 5.248 ng
 RT: 3.552 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BN033264.D
 Acq: 06 Aug 2024 09:21

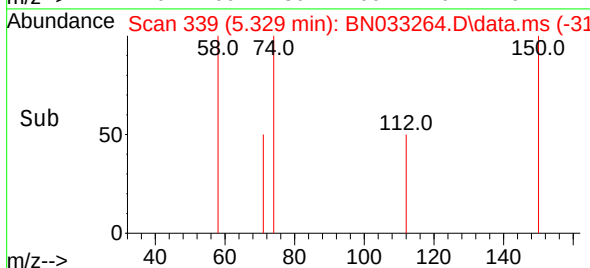
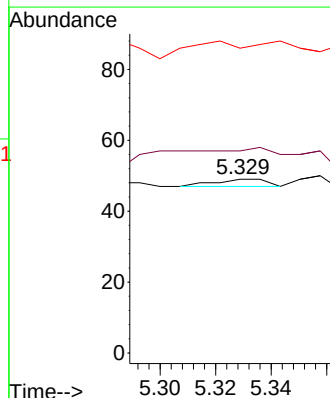
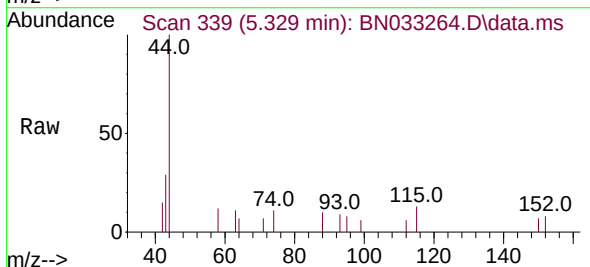
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-50-20240801DL

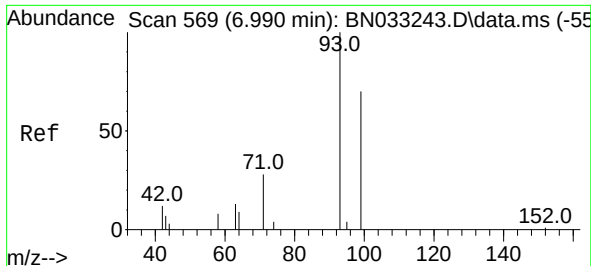
Tgt Ion: 42 Resp: 32
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 37.5 9.6 14.4#



#4
 2-Fluorophenol
 Concen: 0.242 ng
 RT: 5.329 min Scan# 339
 Delta R.T. 0.036 min
 Lab File: BN033264.D
 Acq: 06 Aug 2024 09:21

Tgt Ion: 112 Resp: 3
 Ion Ratio Lower Upper
 112 100
 64 0.0 18.0 27.0#
 63 200.0 0.0 0.0#

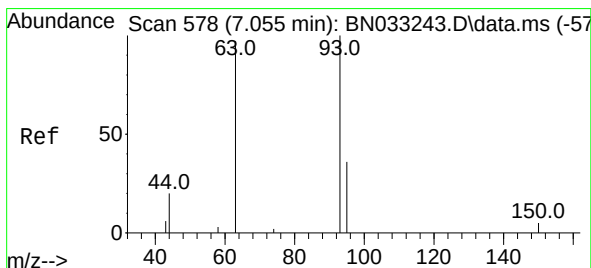
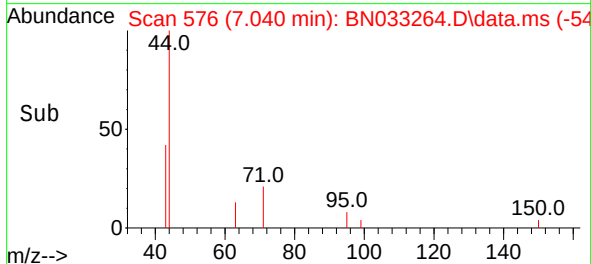
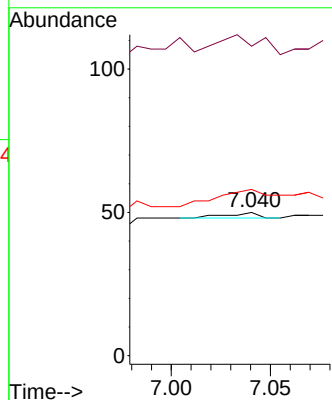
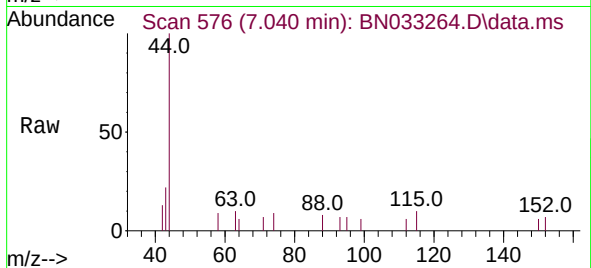




#5
Phenol-d6
Concen: 0.118 ng
RT: 7.040 min Scan# 576
Delta R.T. 0.050 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

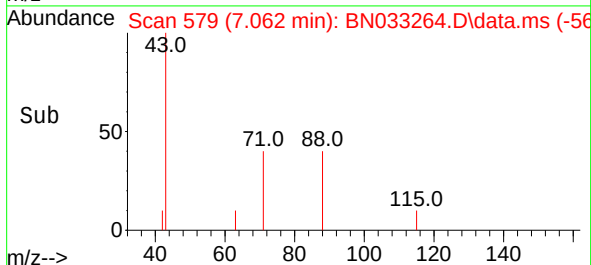
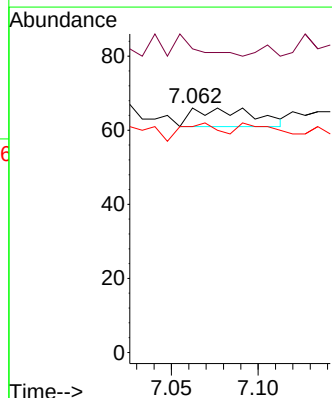
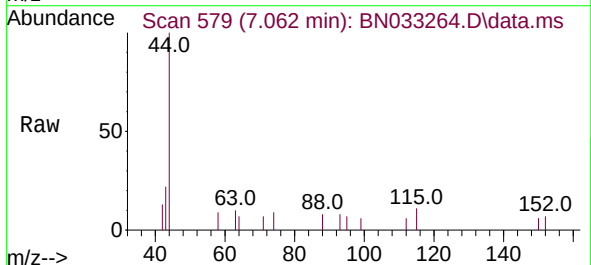
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801DL

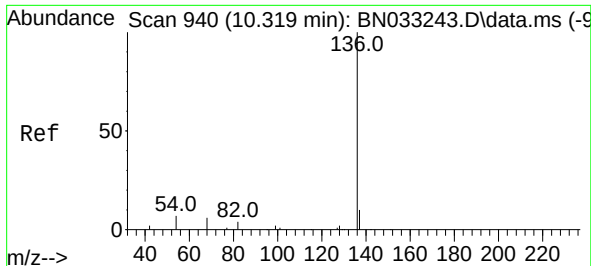
Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 650.0 0.0 0.0#
71 600.0 0.0 0.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.837 ng
RT: 7.062 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Tgt Ion: 93 Resp: 12
Ion Ratio Lower Upper
93 100
63 0.0 1.1 1.7#
95 66.7 0.0 0.0#

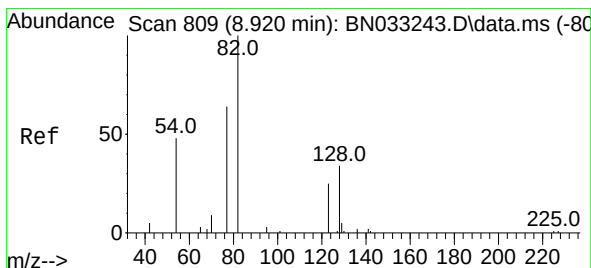
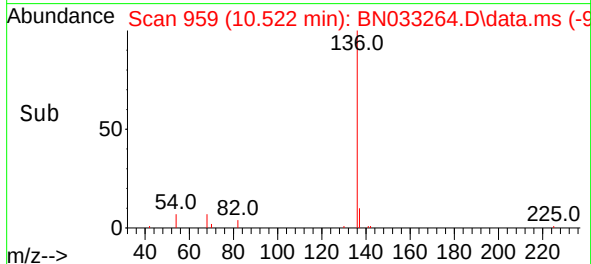
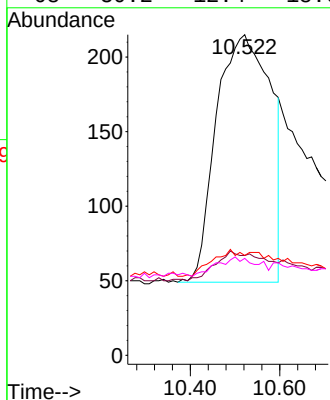
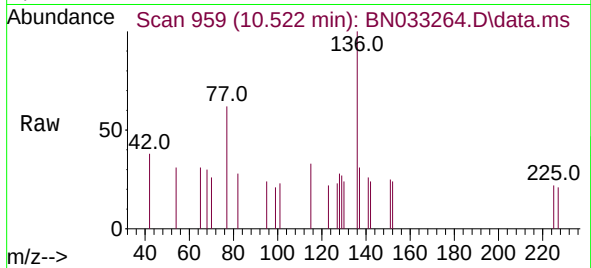




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 940
Delta R.T. 0.203 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

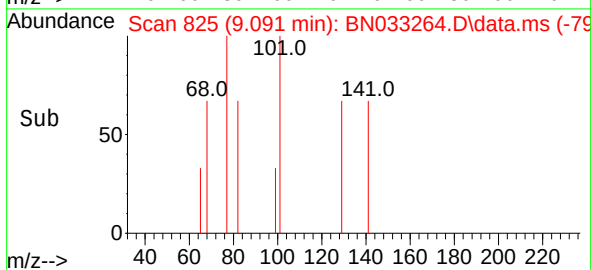
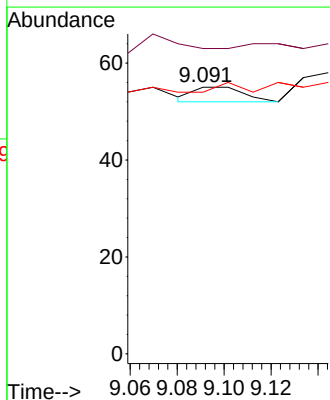
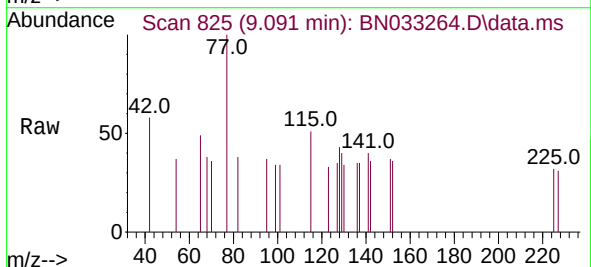
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801DL

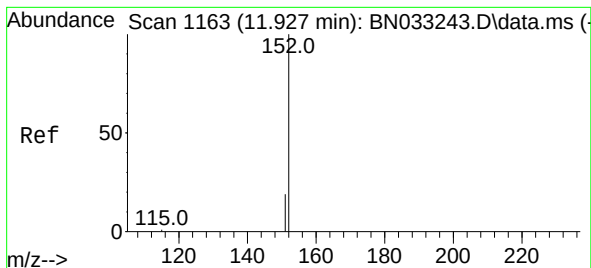
Tgt Ion:	136	Resp:	1401
Ion	Ratio	Lower	Upper
136	100		
137	31.2	14.1	21.1#
54	31.2	13.8	20.8#
68	30.2	12.4	18.6#



#8
Nitrobenzene-d5
Concen: 0.004 ng
RT: 9.091 min Scan# 825
Delta R.T. 0.171 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Tgt Ion:	82	Resp:	4
Ion	Ratio	Lower	Upper
82	100		
128	114.5	54.8	82.2#
54	98.2	55.9	83.9#

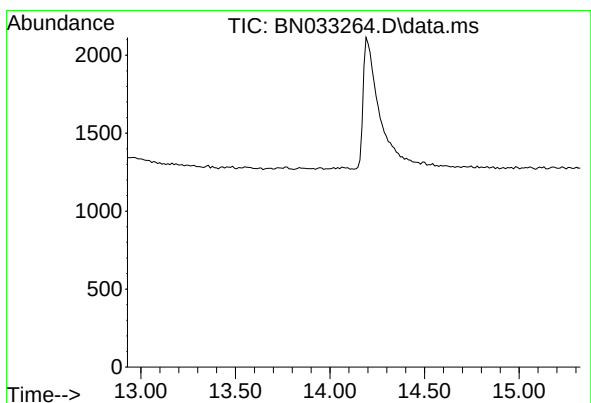
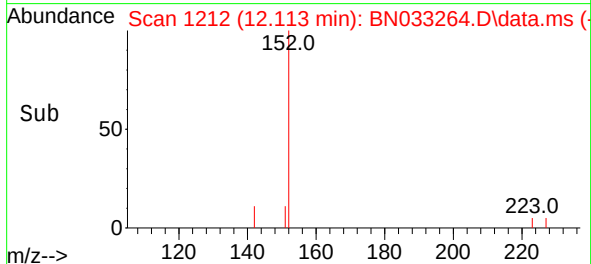
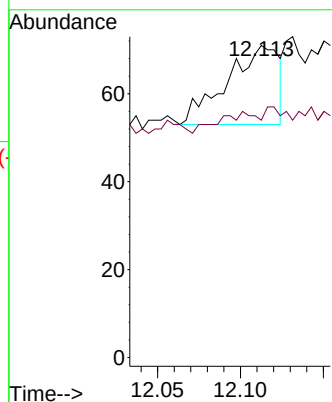
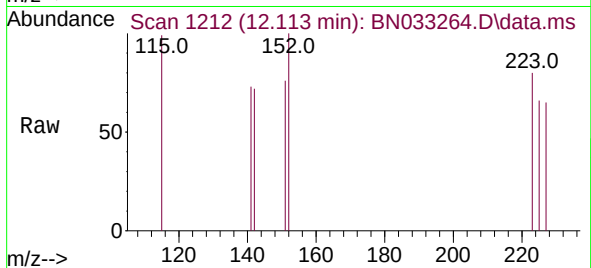




#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 12.113 min Scan# 11
Delta R.T. 0.186 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801DL

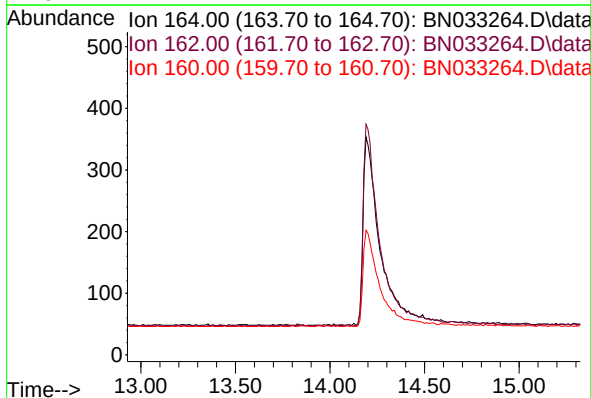
Tgt Ion:152 Resp: 39
Ion Ratio Lower Upper
152 100
151 7.7 11.9 17.9#



#13
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.13 min

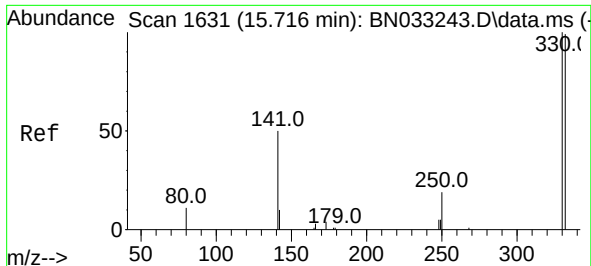
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Tgt Ion: 164
Sig Exp Ratio
164 100
162 105.8
160 53.0



Ion 162.00 (161.70 to 162.70): BN033264.D\data.ms

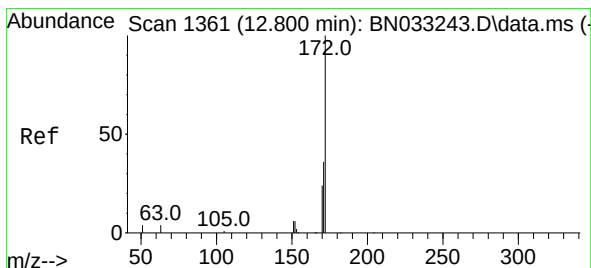
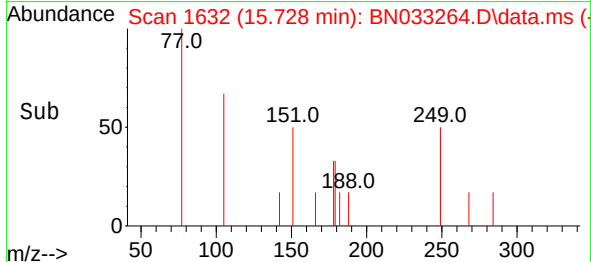
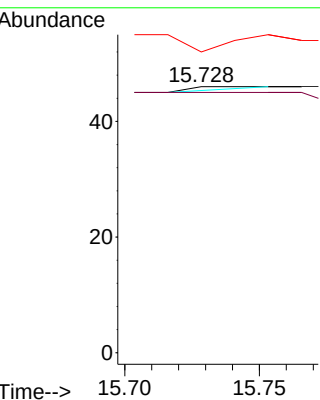
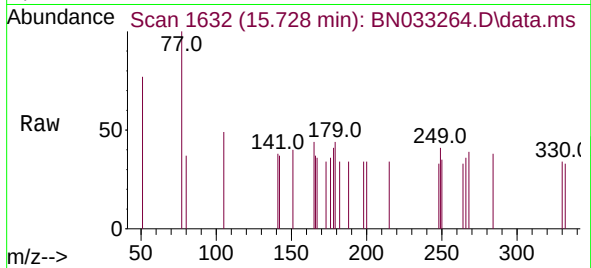
Ion 160.00 (159.70 to 160.70): BN033264.D\data.ms



#14
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 15.728 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

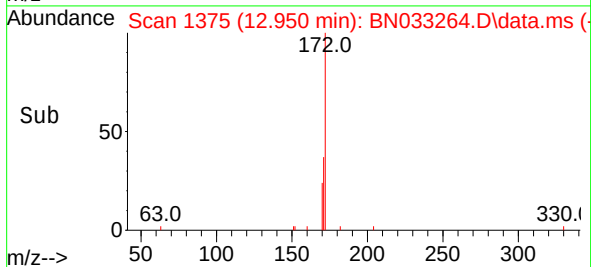
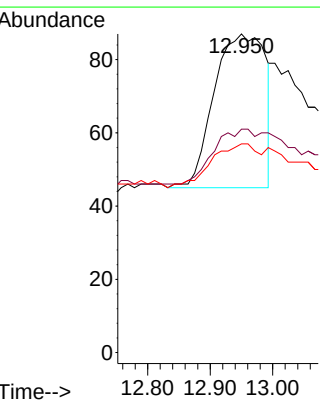
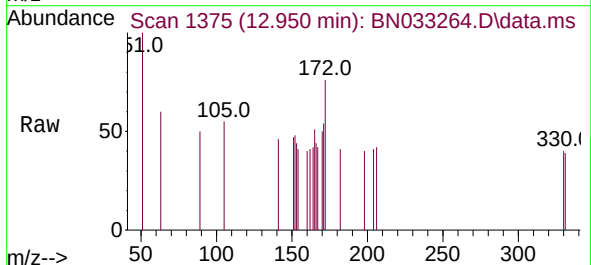
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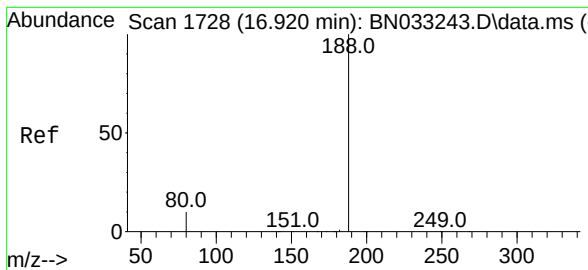
Tgt Ion:330 Resp: 1
Ion Ratio Lower Upper
330 100
332 0.0 73.7 110.5#
141 0.0 44.8 67.2#



#15
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 12.950 min Scan# 1375
Delta R.T. 0.150 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Tgt Ion:172 Resp: 239
Ion Ratio Lower Upper
172 100
171 70.1 32.3 48.5#
170 65.5 23.4 35.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.982 min Scan# 11

Delta R.T. 0.062 min

Lab File: BN033264.D

Acq: 06 Aug 2024 09:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-50-20240801DL

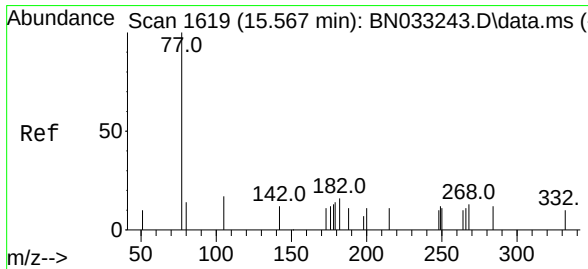
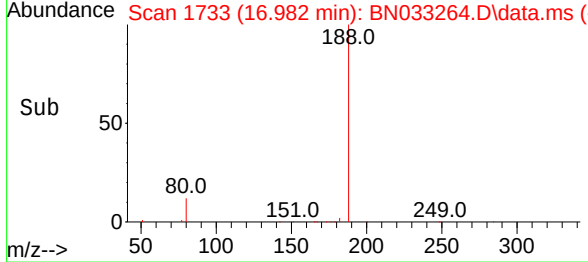
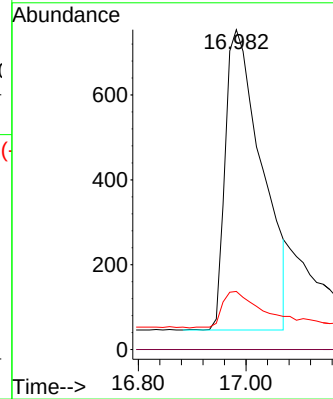
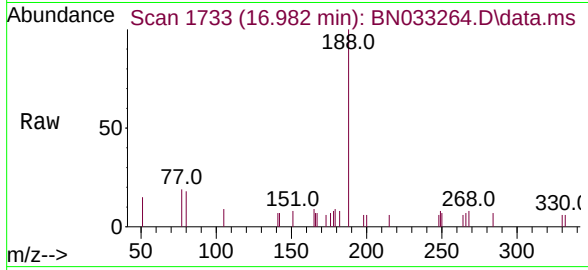
Tgt Ion:188 Resp: 3342

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.2 10.2 15.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.258 ng

RT: 15.617 min Scan# 1623

Delta R.T. 0.050 min

Lab File: BN033264.D

Acq: 06 Aug 2024 09:21

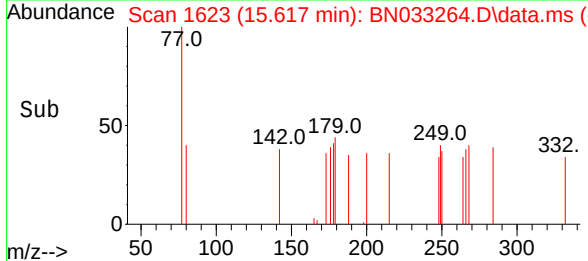
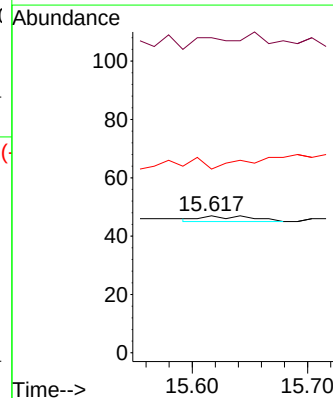
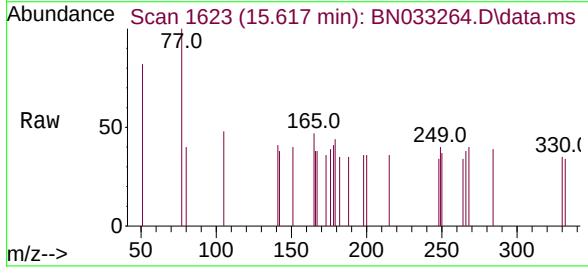
Tgt Ion:198 Resp: 6

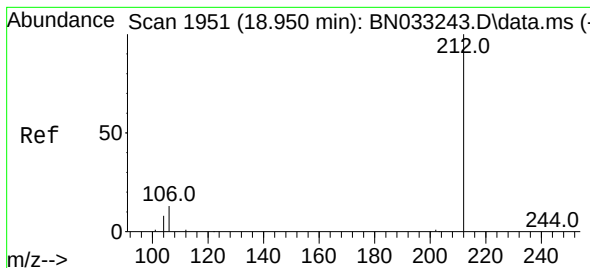
Ion Ratio Lower Upper

198 100

51 229.8 250.6 375.8#

105 134.0 152.6 229.0#





#27

Fluoranthene-d10

Concen: 0.101 ng

RT: 19.015 min Scan# 1965

Delta R.T. 0.065 min

Lab File: BN033264.D

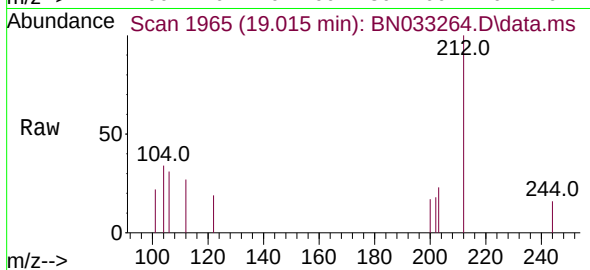
Acq: 06 Aug 2024 09:21

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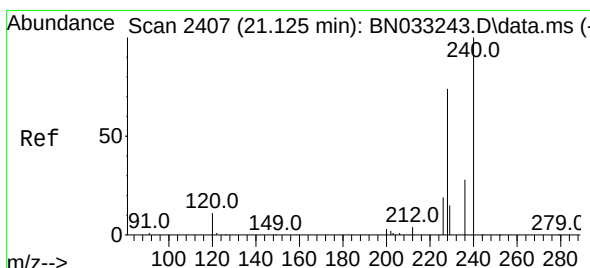
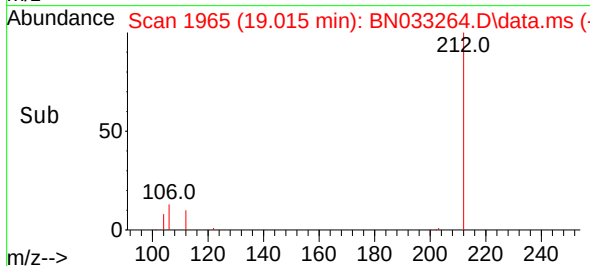
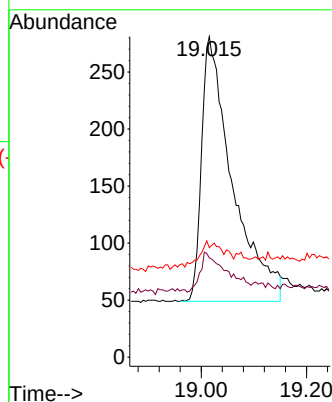
Tgt Ion:212 Resp: 941

Ion Ratio Lower Upper

212 100

106 13.0 11.4 17.0

104 3.6 7.1 10.7#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.151 min Scan# 2410

Delta R.T. 0.026 min

Lab File: BN033264.D

Acq: 06 Aug 2024 09:21

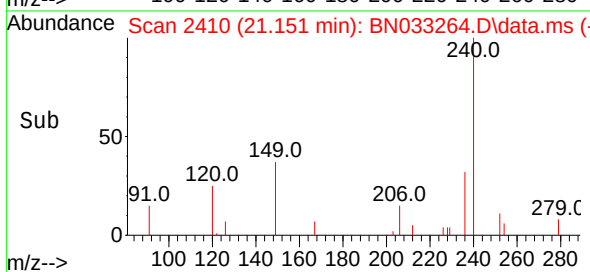
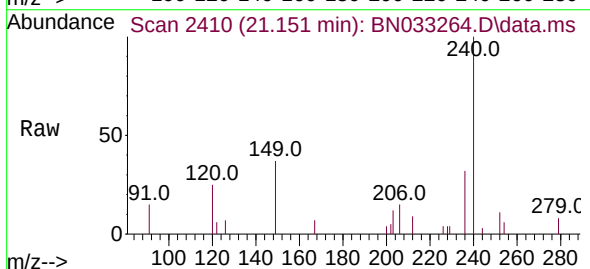
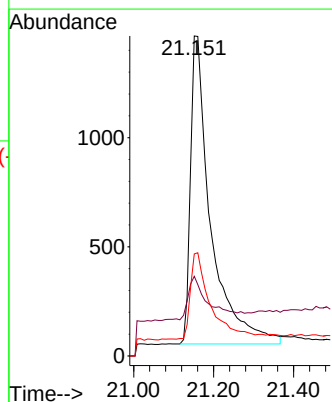
Tgt Ion:240 Resp: 4962

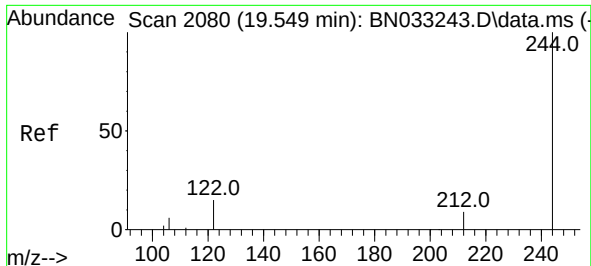
Ion Ratio Lower Upper

240 100

120 24.9 13.3 19.9#

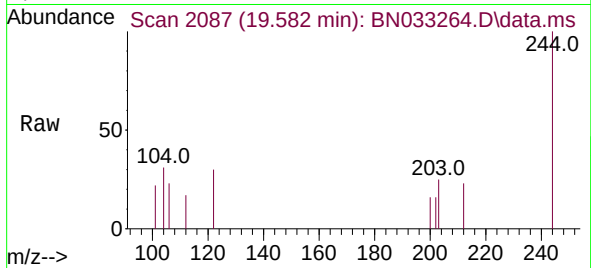
236 31.9 23.8 35.6



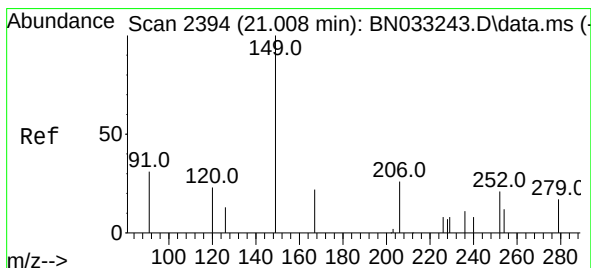
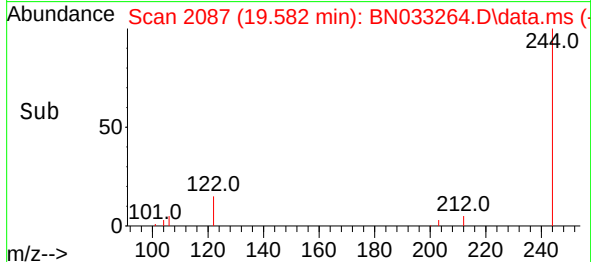
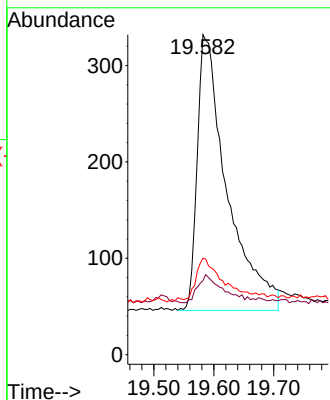


#31
Terphenyl-d14
Concen: 0.115 ng
RT: 19.582 min Scan# 2087
Delta R.T. 0.032 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801DL

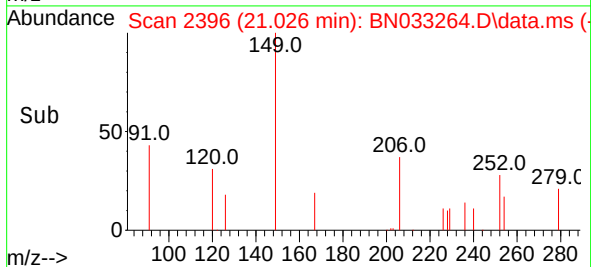
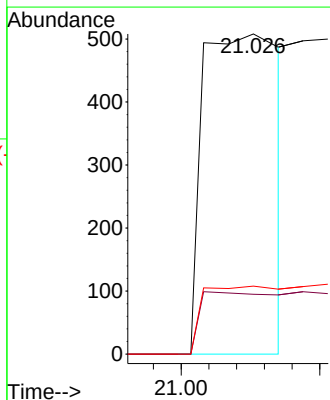
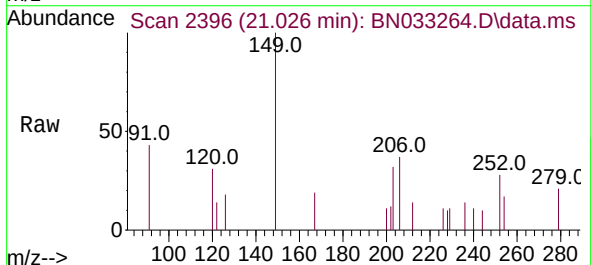


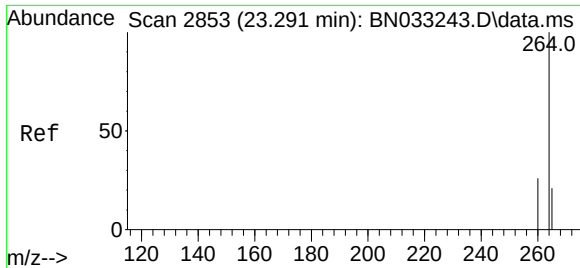
Tgt Ion:244 Resp: 984
Ion Ratio Lower Upper
244 100
212 23.2 9.9 14.9#
122 30.1 14.1 21.1#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.250 ng
RT: 21.026 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BN033264.D
Acq: 06 Aug 2024 09:21

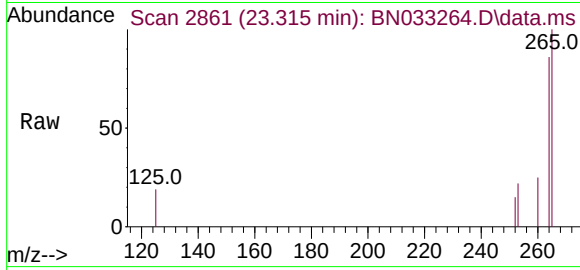
Tgt Ion:149 Resp: 859
Ion Ratio Lower Upper
149 100
167 19.4 19.8 29.6#
279 0.0 8.2 12.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.315 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BN033264.D
 Acq: 06 Aug 2024 09:21

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-50-20240801DL



Tgt Ion:	264	Resp:	5969
Ion	Ratio	Lower	Upper
264	100		
260	28.5	21.4	32.2
265	116.2	66.6	99.8

