

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034512.D
 Acq On : 09 Oct 2024 19:50
 Operator : RC/JU
 Sample : P4226-23
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240927

Quant Time: Oct 10 01:47:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

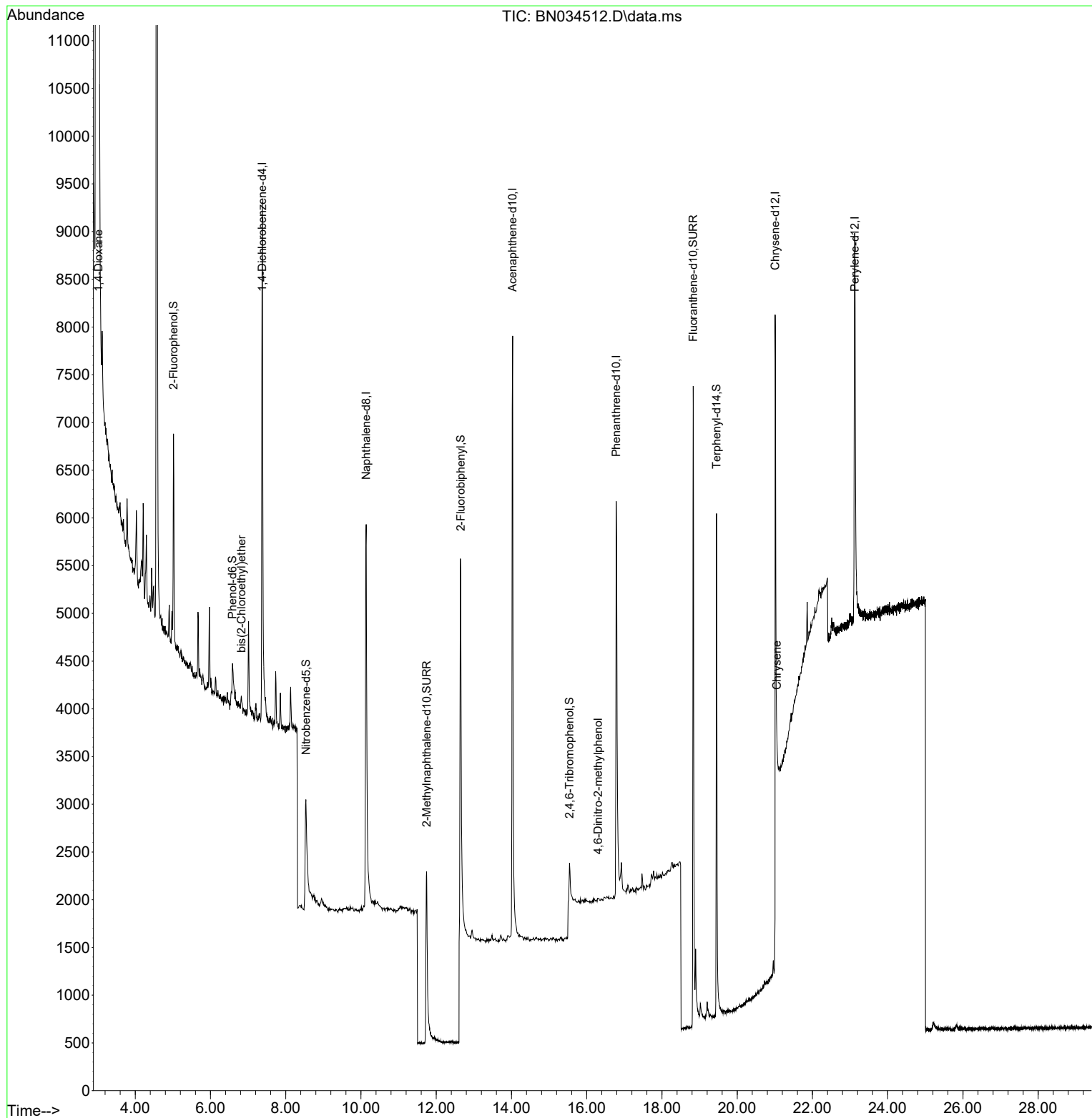
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3157	0.400	ng	-0.02
7) Naphthalene-d8	10.137	136	8535	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	4820	0.400	ng	-0.02
19) Phenanthrene-d10	16.783	188	8963	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	6003	0.400	ng	# 0.00
35) Perylene-d12	23.121	264	6671	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1818	0.203	ng	-0.01
5) Phenol-d6	6.585	99	808	0.078	ng	-0.01
8) Nitrobenzene-d5	8.536	82	1801	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	4091	0.325	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	374	0.171	ng	0.00
15) 2-Fluorobiphenyl	12.650	172	5742	0.293	ng	0.00
27) Fluoranthene-d10	18.829	212	8961	0.396	ng	-0.02
31) Terphenyl-d14	19.452	244	6267	0.523	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	16899	4.282	ng	99
6) bis(2-Chloroethyl)ether	6.824	93	188	0.020	ng	# 70
20) 4,6-Dinitro-2-methylph...	16.299	198	5	0.141	ng	# 1
33) Chrysene	21.053	228	466	0.021	ng	# 25

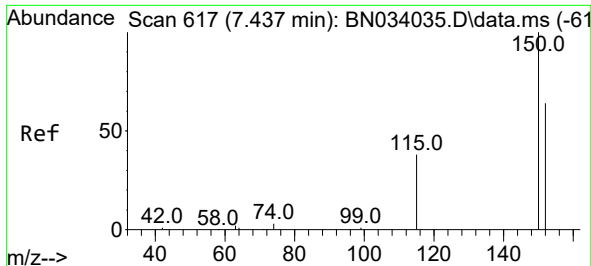
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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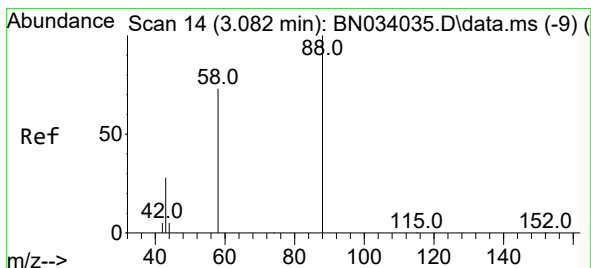
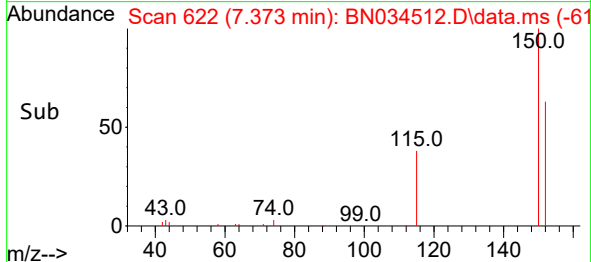
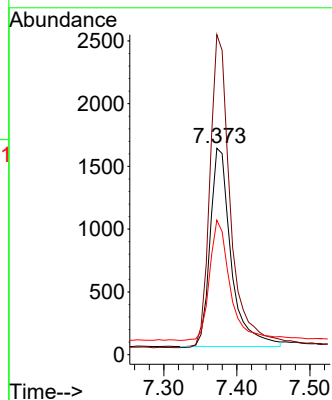
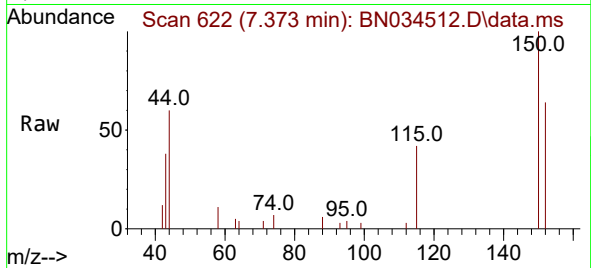




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN034512.D
 Acq: 09 Oct 2024 19:50

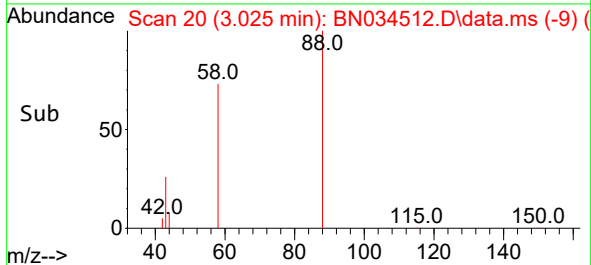
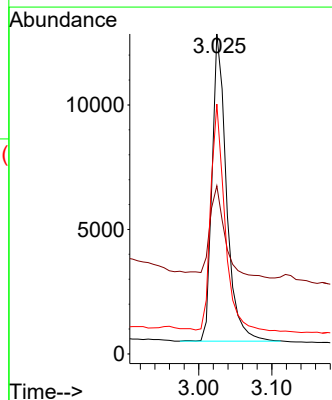
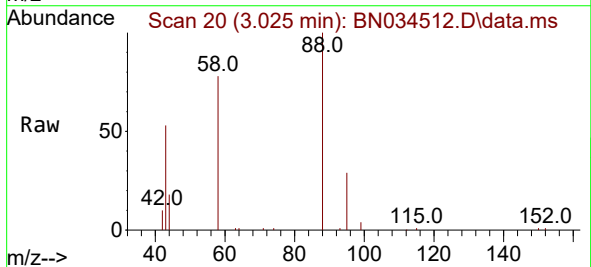
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240927

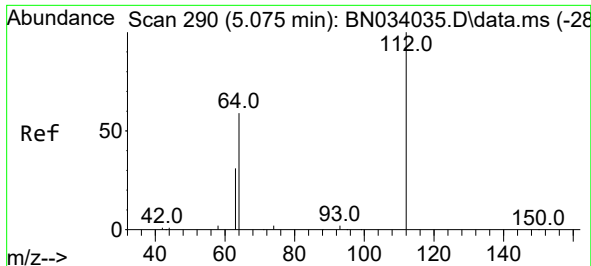
Tgt Ion: 152 Resp: 3157
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 187.0
 115 65.2 50.0 75.0



#2
 1,4-Dioxane
 Concen: 4.282 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.022 min
 Lab File: BN034512.D
 Acq: 09 Oct 2024 19:50

Tgt Ion: 88 Resp: 16899
 Ion Ratio Lower Upper
 88 100
 43 31.9 25.8 38.8
 58 73.0 58.8 88.2

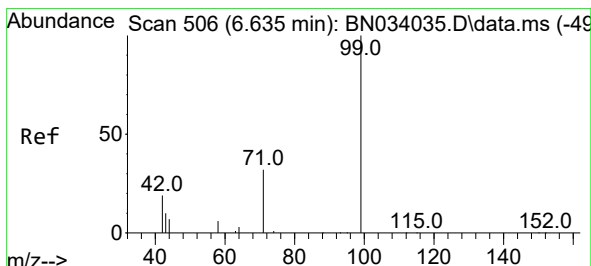
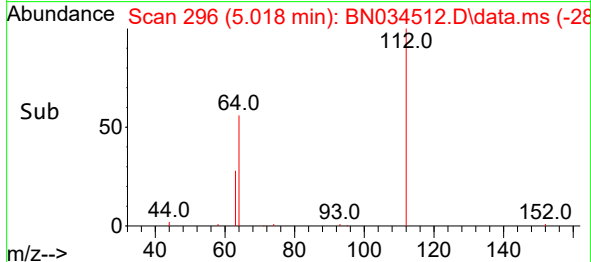
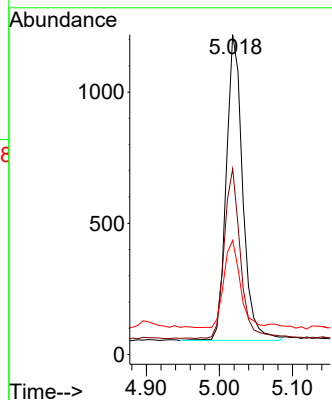
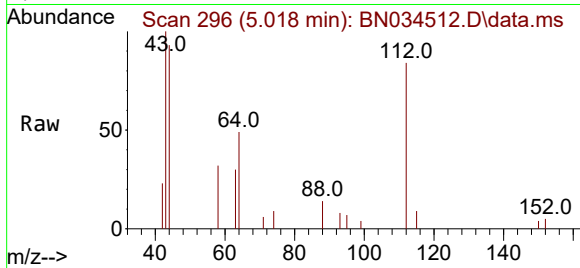




#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.018 min Scan# 290
Delta R.T. -0.014 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

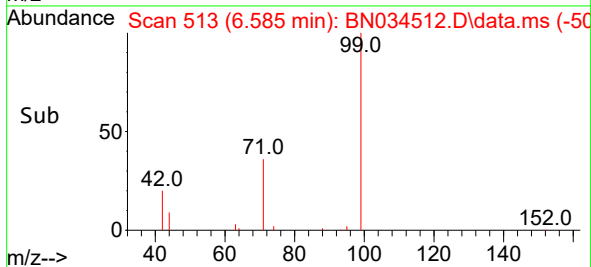
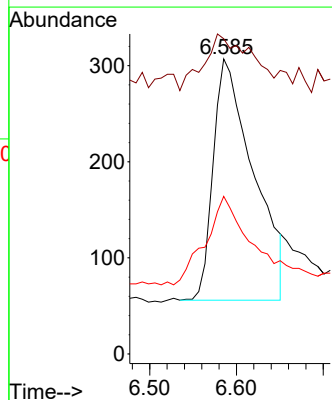
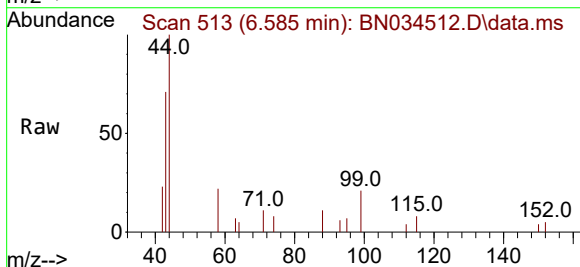
Instrument :
BNA_N
ClientSampleId :
RW4-20240927

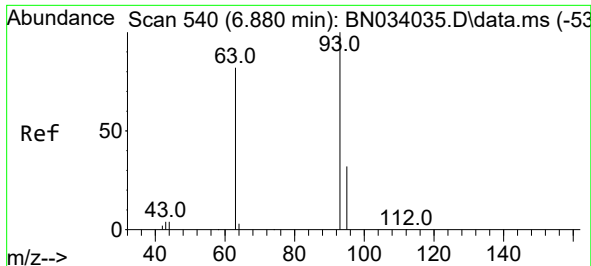
Tgt Ion:112 Resp: 1818
Ion Ratio Lower Upper
112 100
64 54.8 48.6 72.8
63 28.3 25.6 38.4



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

Tgt Ion: 99 Resp: 808
Ion Ratio Lower Upper
99 100
42 27.2 17.8 26.8#
71 39.0 26.2 39.2

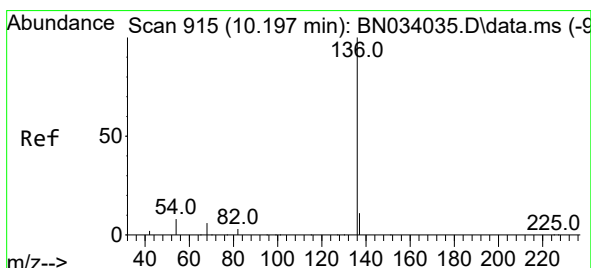
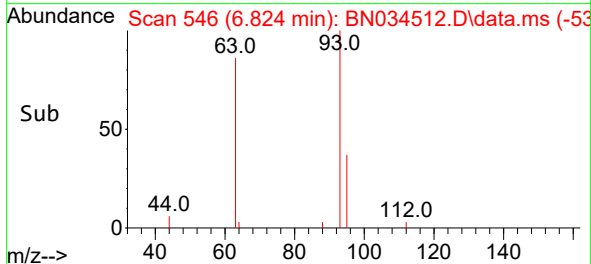
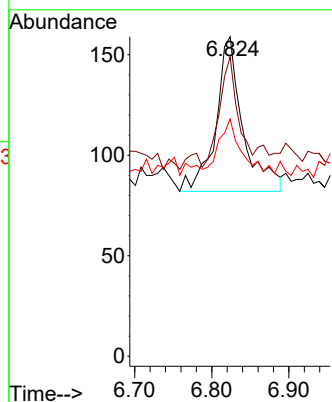
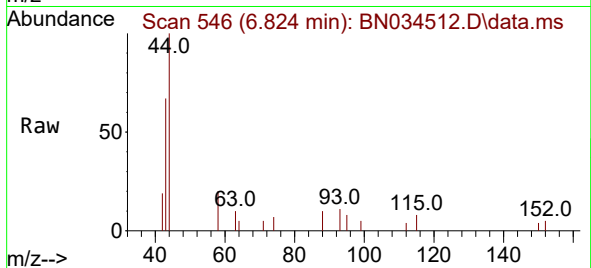




#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 6.824 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

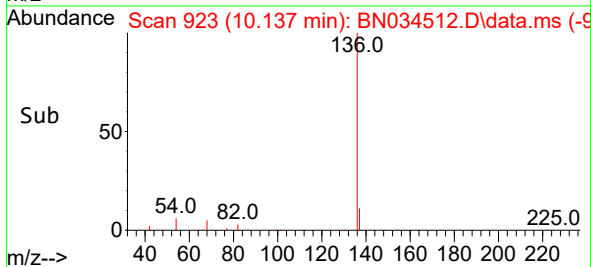
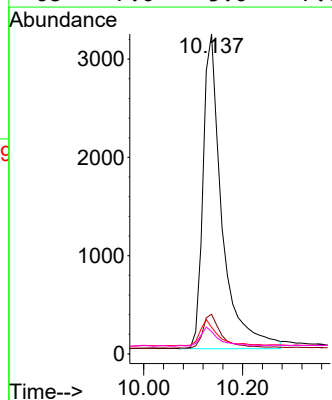
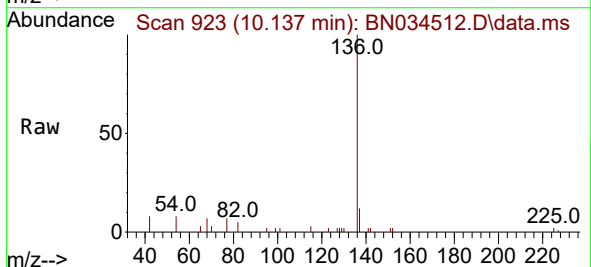
Instrument :
BNA_N
ClientSampleId :
RW4-20240927

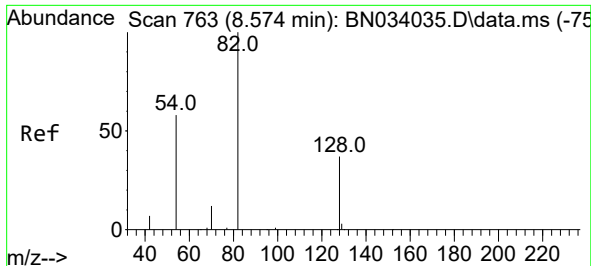
Tgt Ion: 93 Resp: 188
Ion Ratio Lower Upper
93 100
63 48.9 67.3 100.9#
95 29.8 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

Tgt Ion:136 Resp: 8535
Ion Ratio Lower Upper
136 100
137 12.4 9.0 13.6
54 8.4 6.8 10.2
68 7.0 5.0 7.6

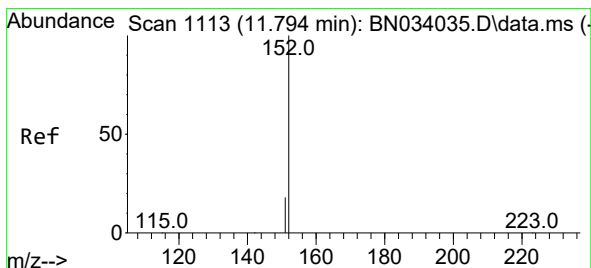
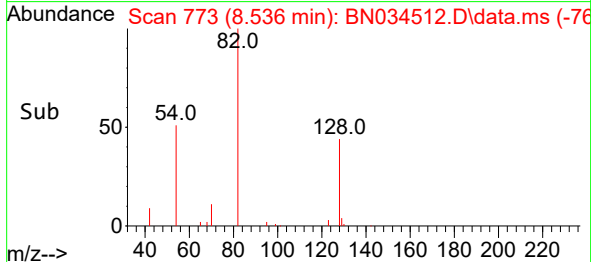
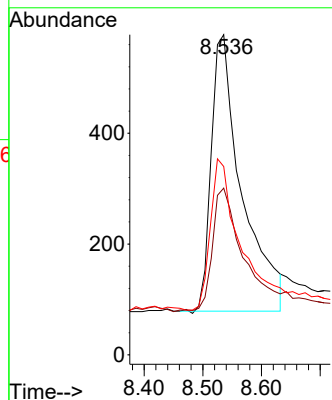
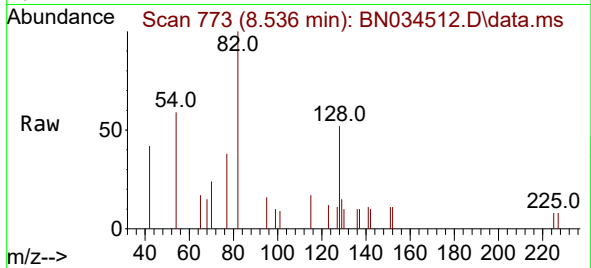




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.536 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

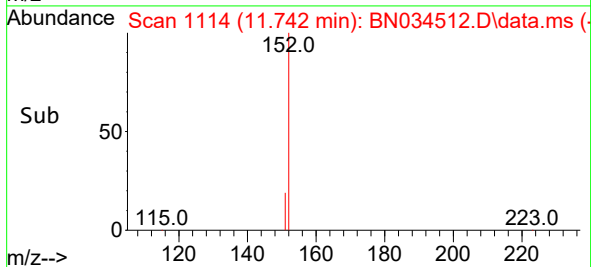
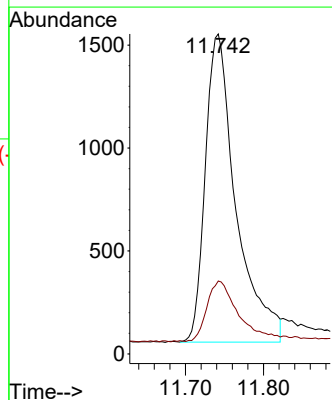
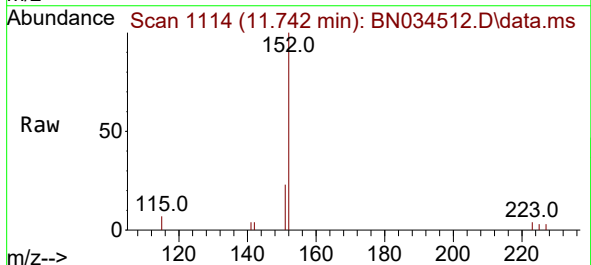
Instrument :
BNA_N
ClientSampleId :
RW4-20240927

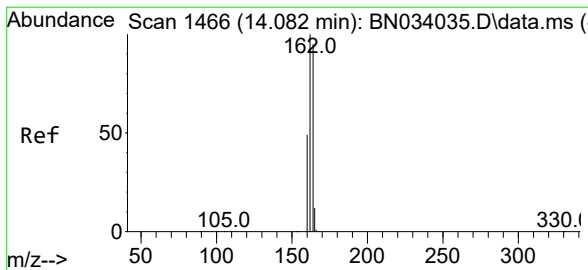
Tgt Ion: 82 Resp: 1801
Ion Ratio Lower Upper
82 100
128 52.1 31.4 47.2#
54 58.8 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

Tgt Ion:152 Resp: 4091
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.030 min Scan# 14

Delta R.T. -0.018 min

Lab File: BN034512.D

Acq: 09 Oct 2024 19:50

Instrument :

BNA_N

ClientSampleId :

RW4-20240927

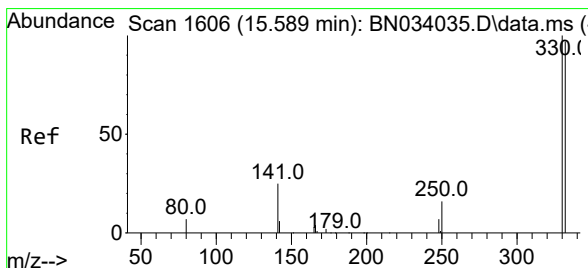
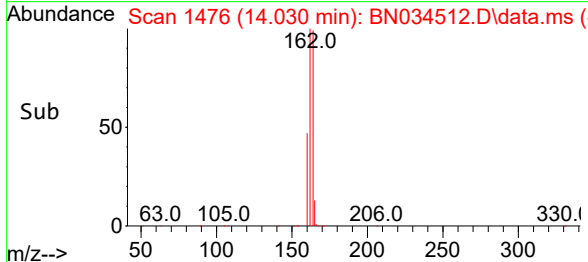
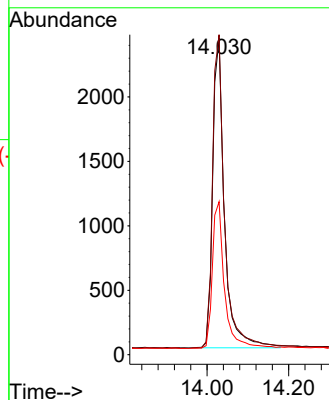
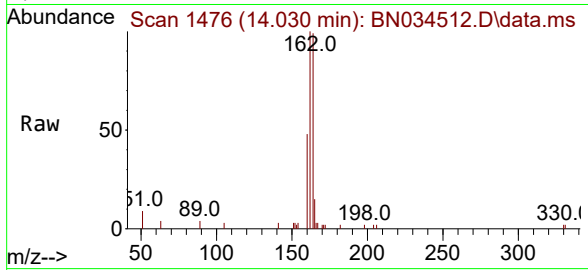
Tgt Ion:164 Resp: 4820

Ion Ratio Lower Upper

164 100

162 101.0 84.2 126.2

160 48.3 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.171 ng

RT: 15.542 min Scan# 1617

Delta R.T. -0.007 min

Lab File: BN034512.D

Acq: 09 Oct 2024 19:50

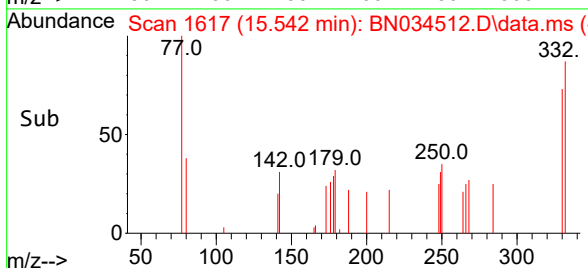
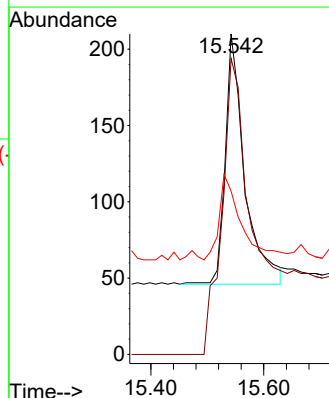
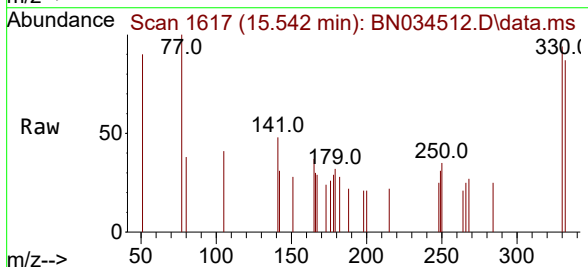
Tgt Ion:330 Resp: 374

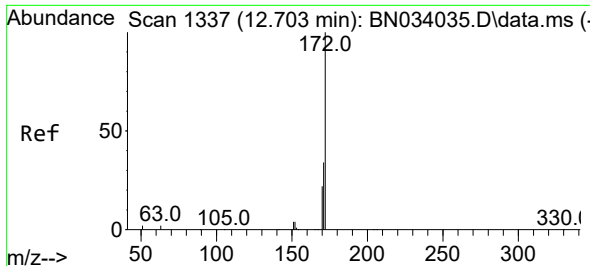
Ion Ratio Lower Upper

330 100

332 194.7 77.4 116.0#

141 39.8 35.9 53.9

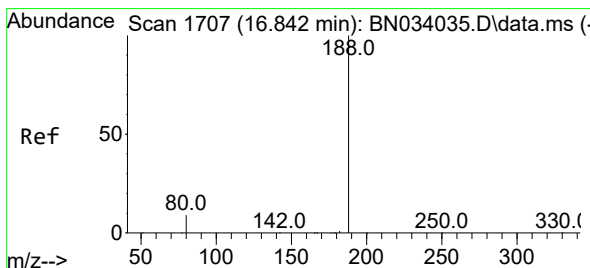
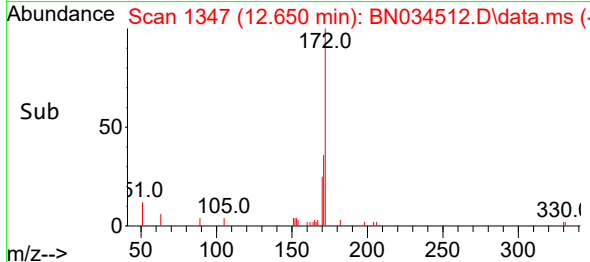
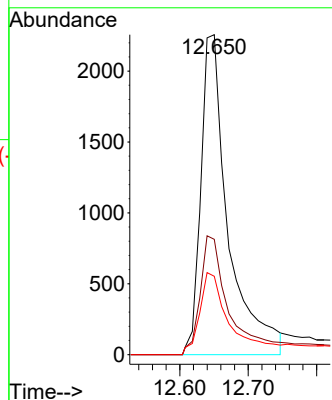
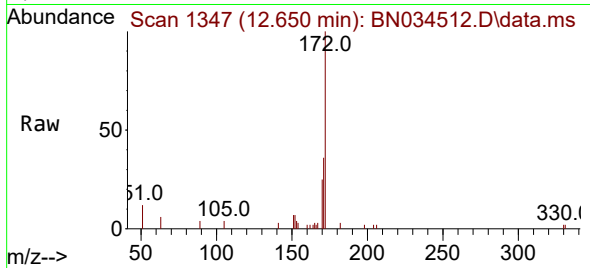




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.650 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

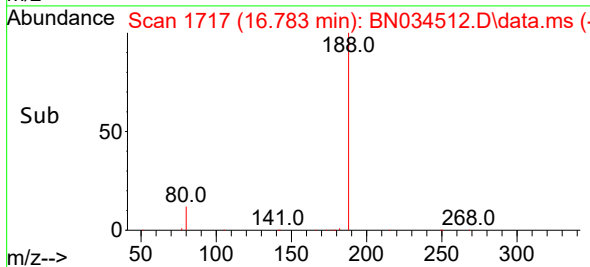
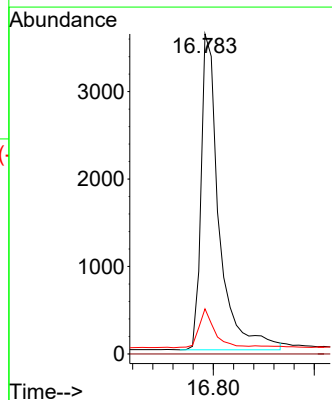
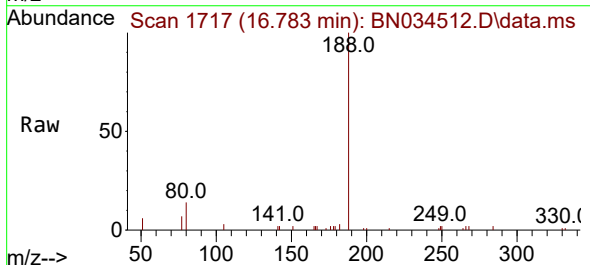
Instrument :
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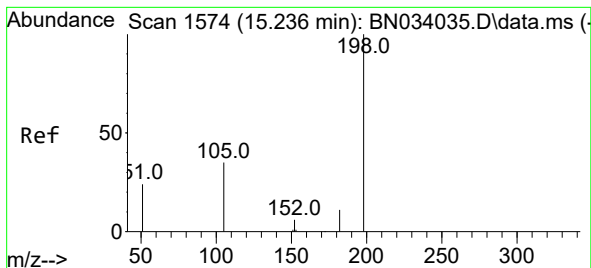
Tgt Ion:172 Resp: 5742
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.5 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1717
Delta R.T. -0.019 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

Tgt Ion:188 Resp: 8963
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.4 11.0#

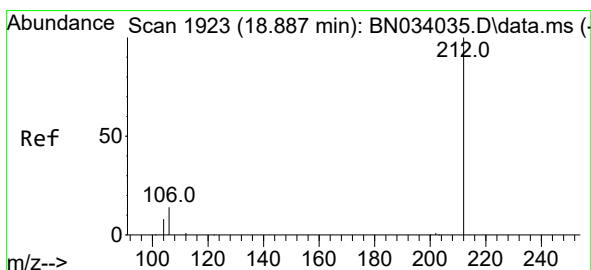
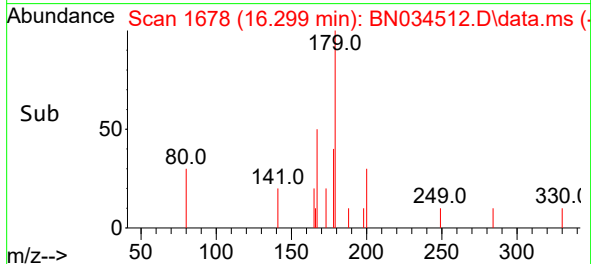
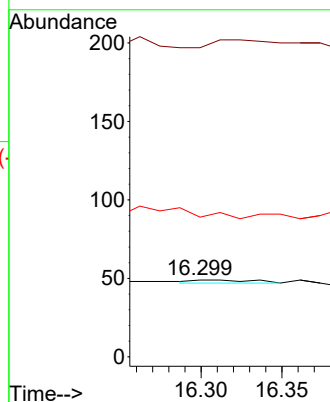
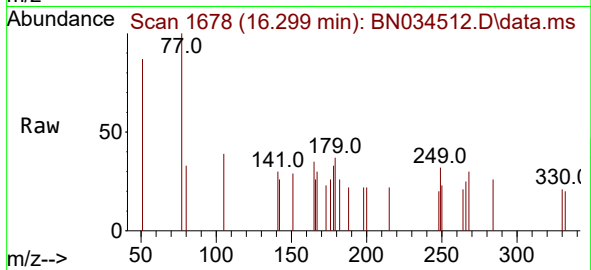




#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 16.299 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

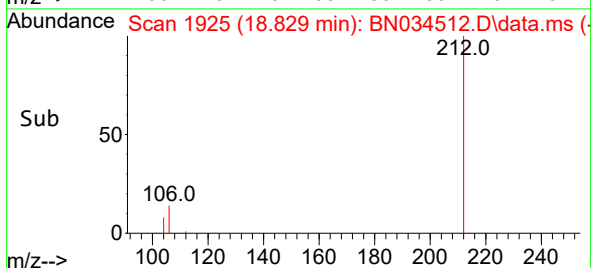
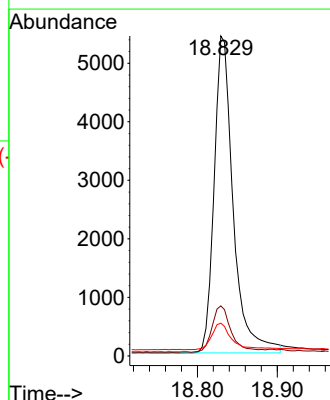
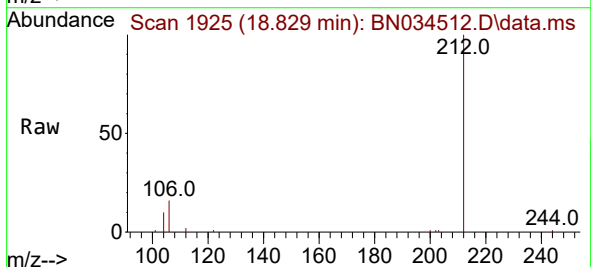
Instrument :
BNA_N
ClientSampleId :
RW4-20240927

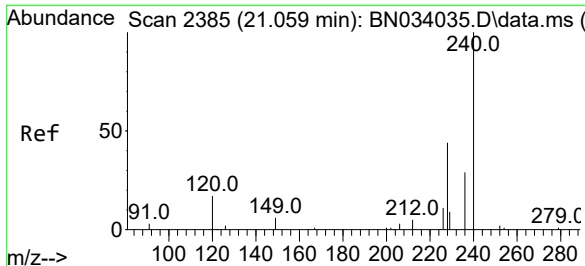
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 402.0 106.4 159.6#
105 181.6 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034512.D
Acq: 09 Oct 2024 19:50

Tgt Ion:212 Resp: 8961
Ion Ratio Lower Upper
212 100
106 14.8 13.4 20.2
104 8.7 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. -0.007 min

Lab File: BN034512.D

Acq: 09 Oct 2024 19:50

Instrument :

BNA_N

ClientSampleId :

RW4-20240927

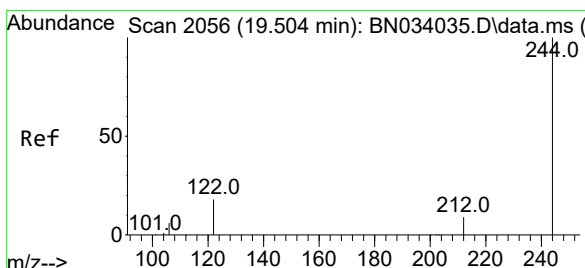
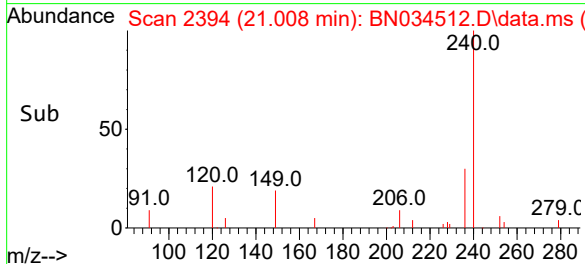
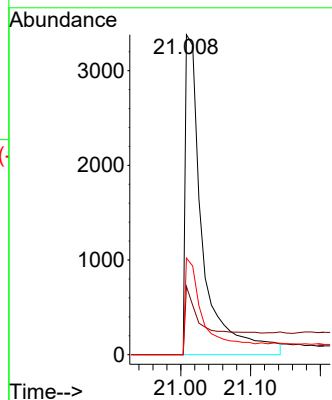
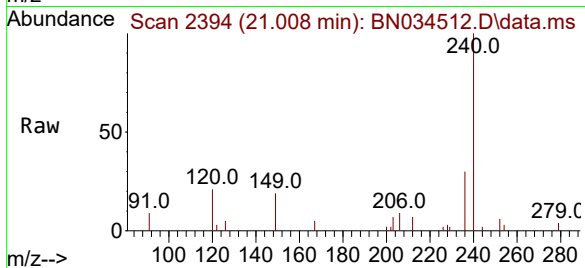
Tgt Ion:240 Resp: 6003

Ion Ratio Lower Upper

240 100

120 21.3 13.5 20.3#

236 30.2 23.4 35.0



#31

Terphenyl-d14

Concen: 0.523 ng

RT: 19.452 min Scan# 2059

Delta R.T. -0.016 min

Lab File: BN034512.D

Acq: 09 Oct 2024 19:50

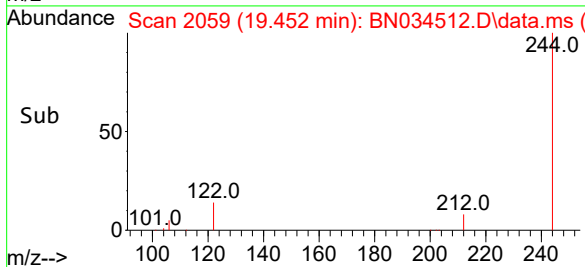
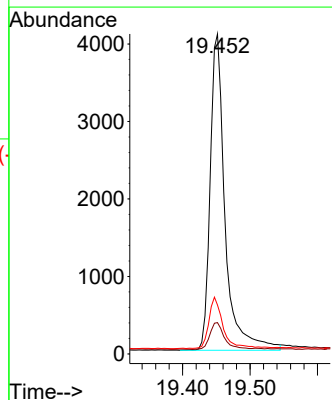
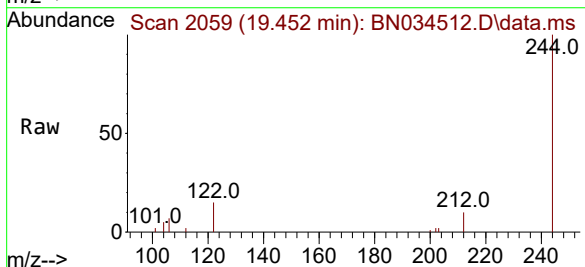
Tgt Ion:244 Resp: 6267

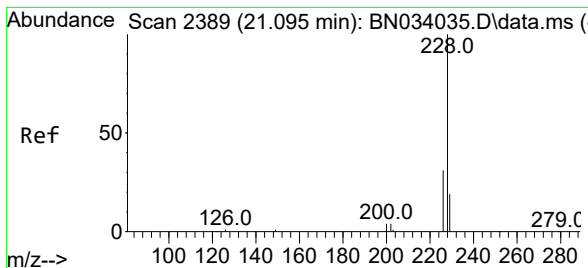
Ion Ratio Lower Upper

244 100

212 9.8 7.8 11.6

122 15.3 14.8 22.2





#33

Chrysene

Concen: 0.021 ng

RT: 21.053 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN034512.D

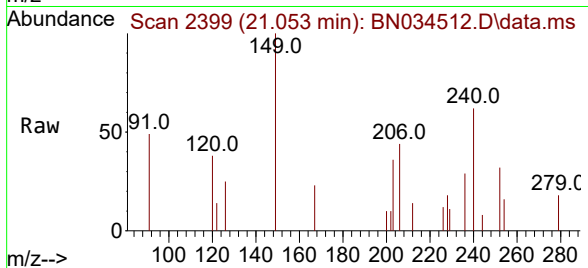
Acq: 09 Oct 2024 19:50

Instrument :

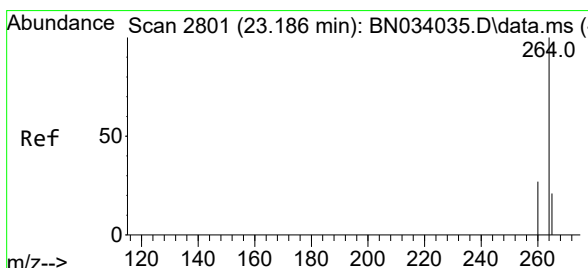
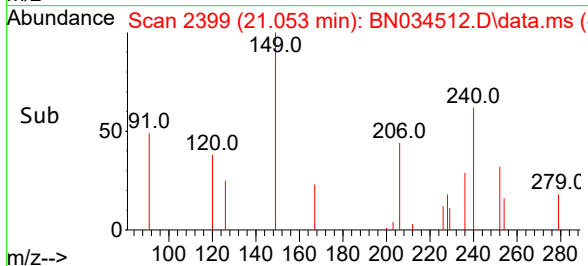
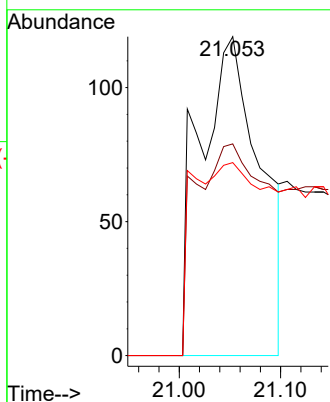
BNA_N

ClientSampleId :

RW4-20240927



Tgt Ion:	228	Resp:	466
Ion Ratio	100	Lower	Upper
226	66.4	24.6	37.0#
229	60.5	15.5	23.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.121 min Scan# 2795

Delta R.T. -0.007 min

Lab File: BN034512.D

Acq: 09 Oct 2024 19:50

Tgt Ion:	264	Resp:	6671
Ion Ratio	100	Lower	Upper
264	100		
260	26.9	21.7	32.5
265	126.5	52.1	78.1#

