

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034474.D
 Acq On : 08 Oct 2024 16:48
 Operator : RC/JU
 Sample : P4226-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20240924

Quant Time: Oct 08 17:13:24 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)

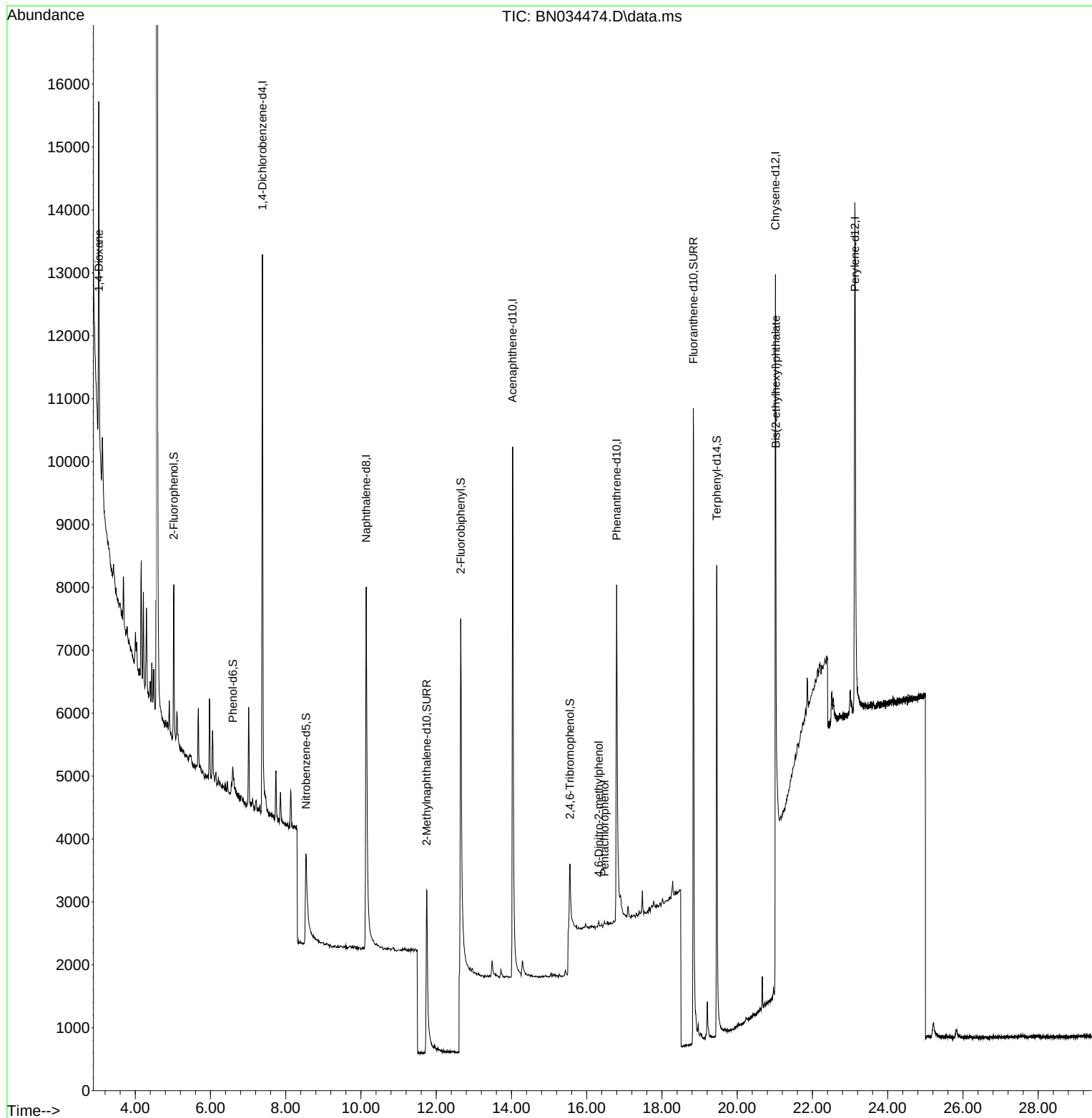
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4716	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	12142	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	6650	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	12270	0.400	ng	# 0.00
29) Chrysene-d12	21.017	240	10732	0.400	ng	0.00
35) Perylene-d12	23.127	264	11777	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1999	0.149	ng	0.00
5) Phenol-d6	6.593	99	826	0.053	ng	0.00
8) Nitrobenzene-d5	8.536	82	2467	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.746	152	6027	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	1035	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	8259	0.305	ng	0.00
27) Fluoranthene-d10	18.834	212	13770	0.445	ng	-0.01
31) Terphenyl-d14	19.456	244	9308	0.434	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	3539	0.600	ng	# 84
20) 4,6-Dinitro-2-methylph...	16.324	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.473	266	71	0.028	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.026	149	1435	0.101	ng	# 87

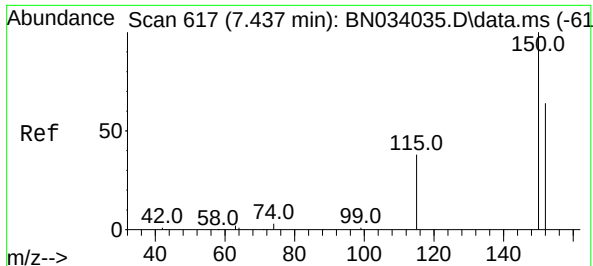
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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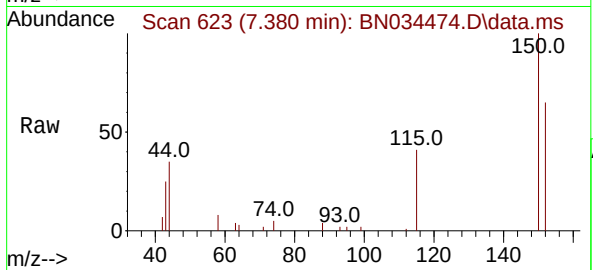
Quant Time: Oct 08 17:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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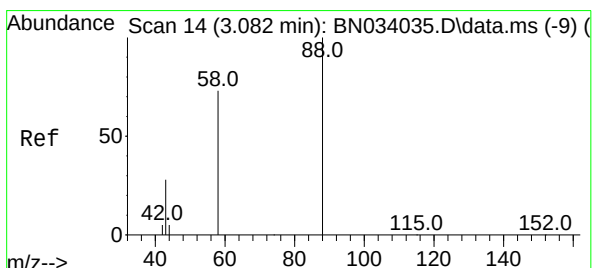
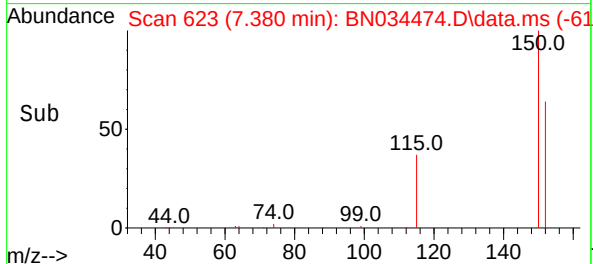
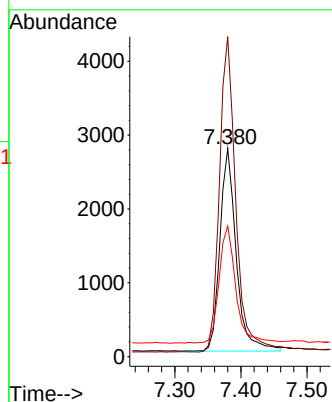


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Instrument :
BNA_N
ClientSampleId :
TT14911-20240924

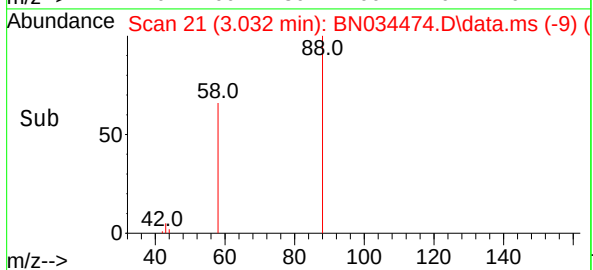
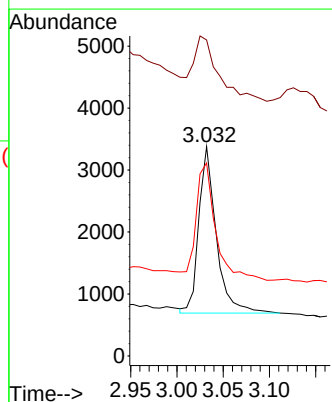
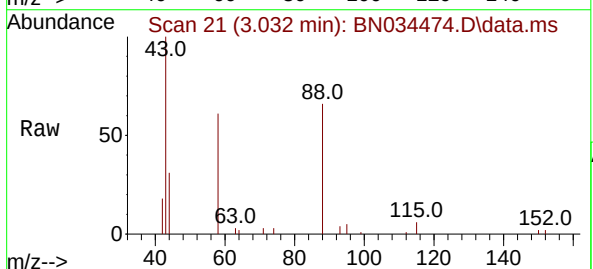


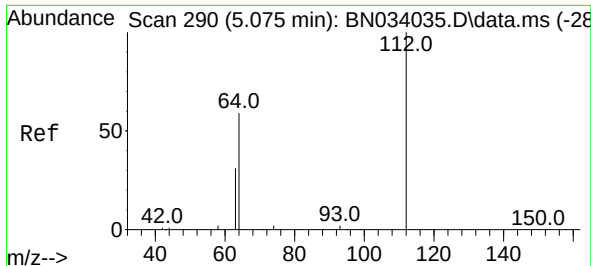
Tgt Ion:152 Resp: 4716
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 62.8 50.0 75.0



#2
1,4-Dioxane
Concen: 0.600 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Tgt Ion: 88 Resp: 3539
Ion Ratio Lower Upper
88 100
43 54.3 25.8 38.8#
58 78.4 58.8 88.2

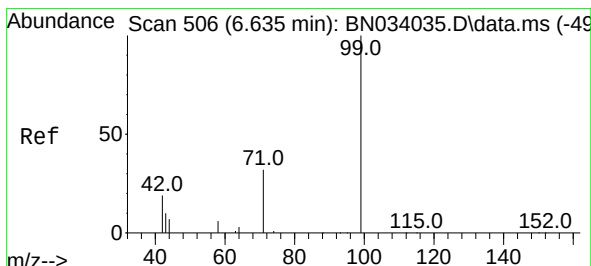
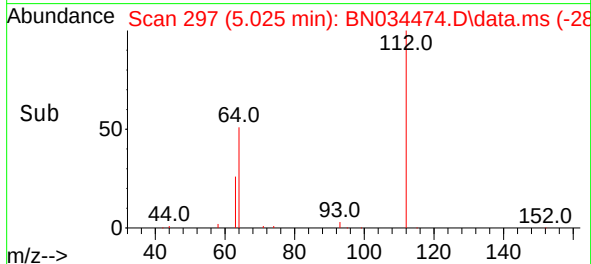
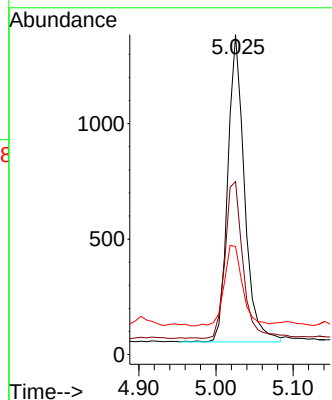
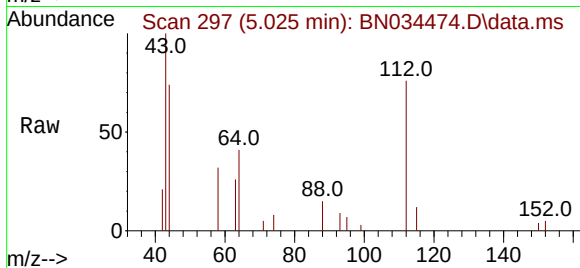




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.025 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

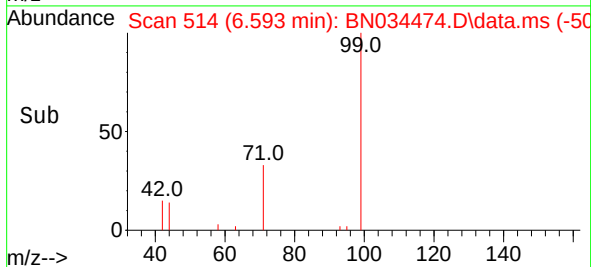
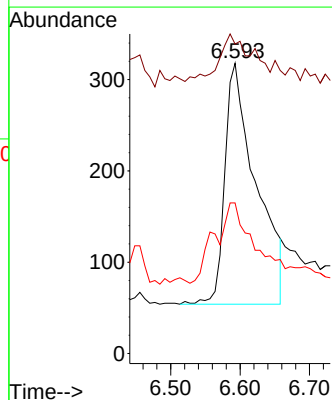
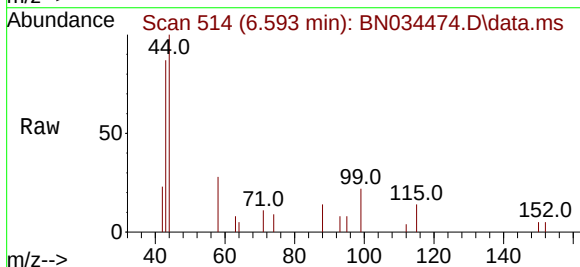
Instrument :
BNA_N
ClientSampleId :
TT14911-20240924

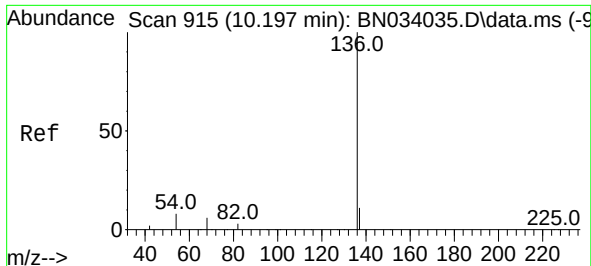
Tgt Ion:112 Resp: 1999
Ion Ratio Lower Upper
112 100
64 54.8 48.6 72.8
63 28.9 25.6 38.4



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Tgt Ion: 99 Resp: 826
Ion Ratio Lower Upper
99 100
42 20.5 17.8 26.8
71 40.6 26.2 39.2#

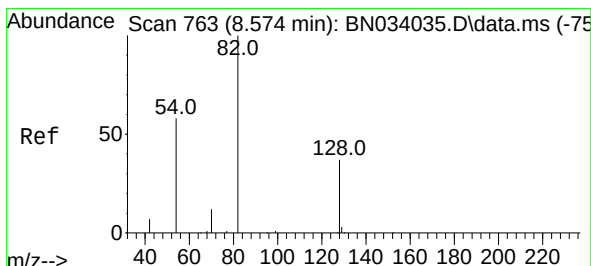
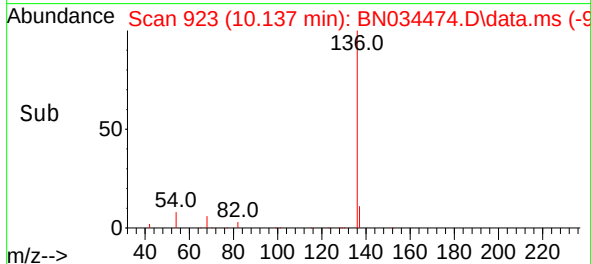
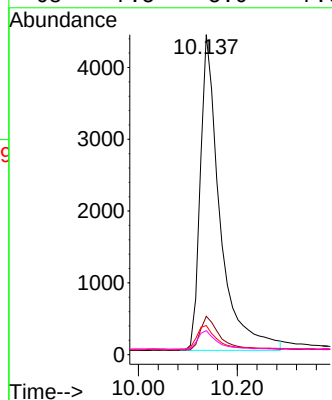
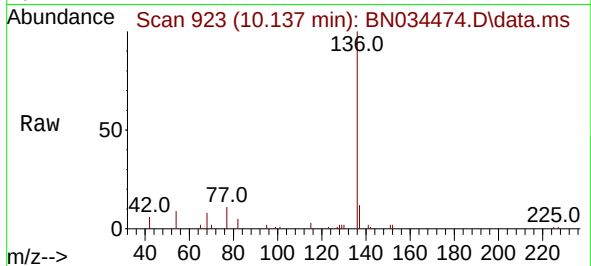




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

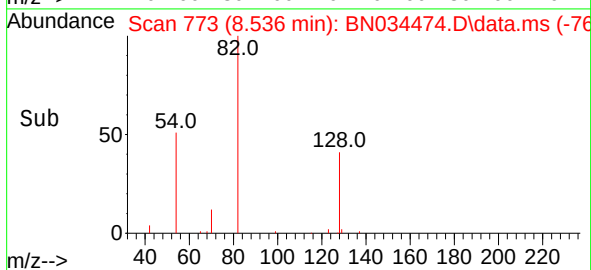
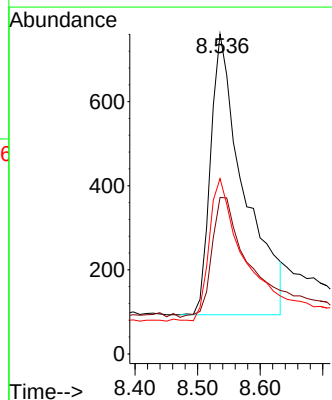
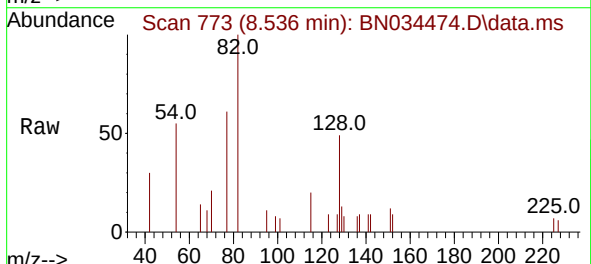
Instrument :
BNA_N
ClientSampleId :
TT14911-20240924

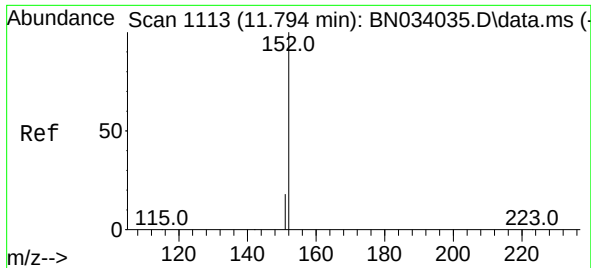
Tgt Ion:136	Resp:	12142
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.0 13.6
54	9.1	6.8 10.2
68	7.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Tgt Ion: 82	Resp:	2467
Ion Ratio	Lower	Upper
82	100	
128	48.9	31.4 47.2#
54	54.8	47.4 71.0

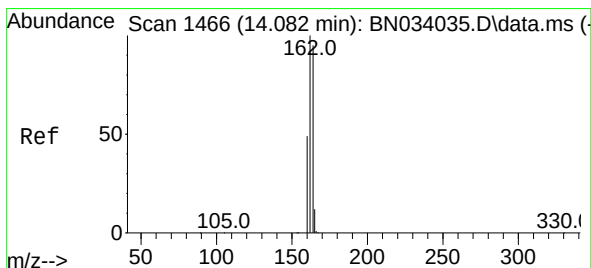
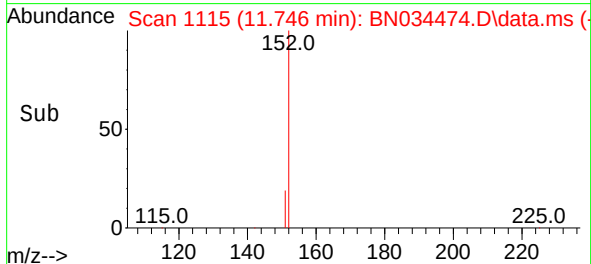
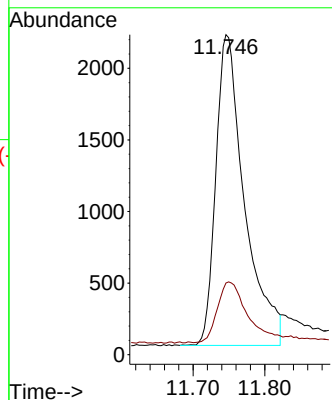
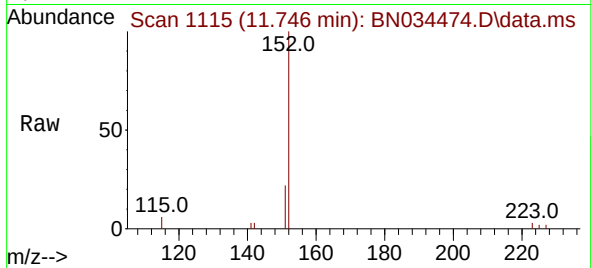




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.746 min Scan# 1115
Delta R.T. -0.007 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

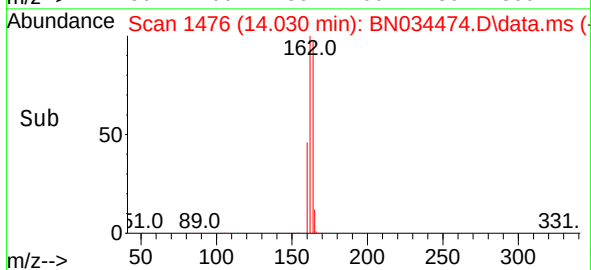
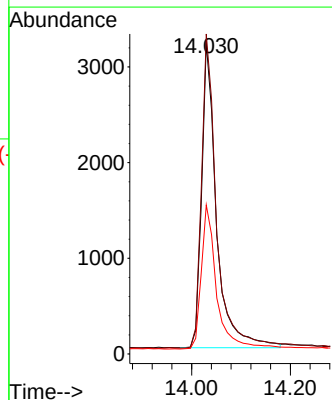
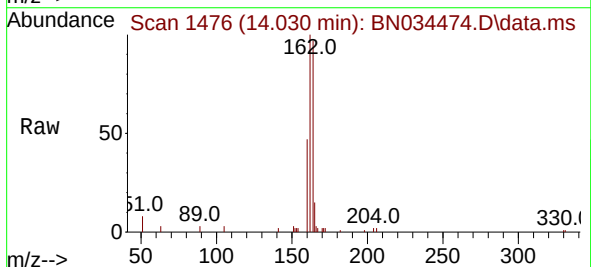
Instrument :
BNA_N
ClientSampleId :
TT14911-20240924

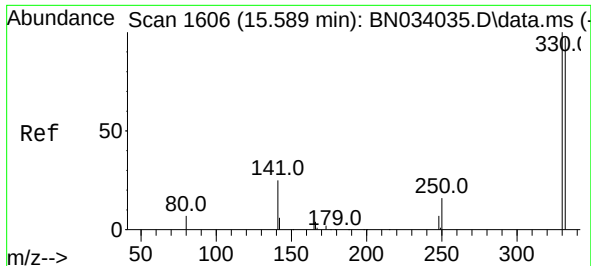
Tgt Ion:152 Resp: 6027
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. -0.018 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

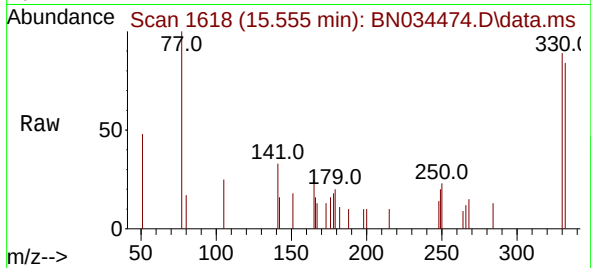
Tgt Ion:164 Resp: 6650
Ion Ratio Lower Upper
164 100
162 103.0 84.2 126.2
160 48.0 41.7 62.5



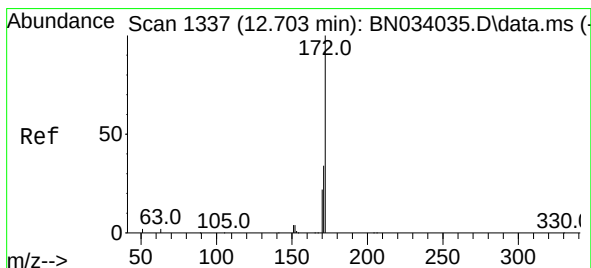
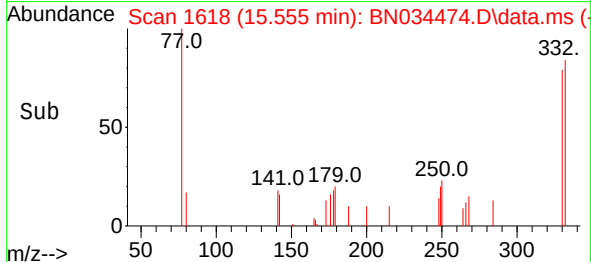
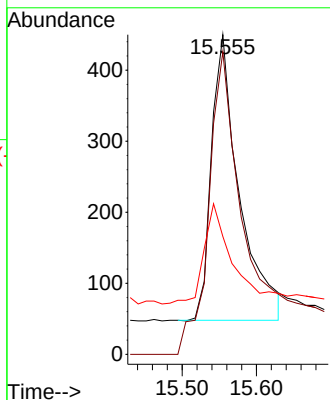


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Instrument :
BNA_N
ClientSampleId :
TT14911-20240924

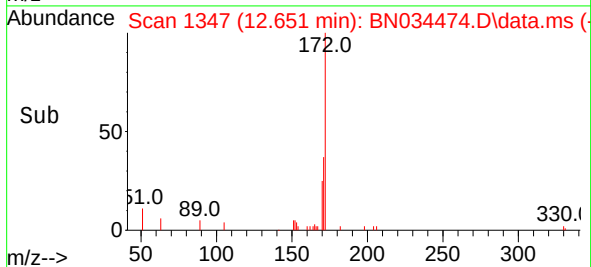
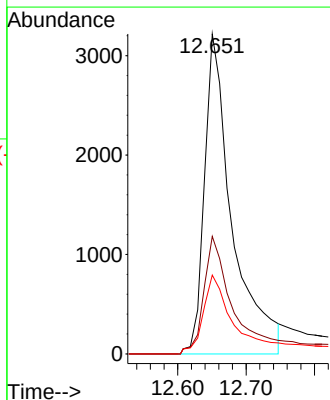
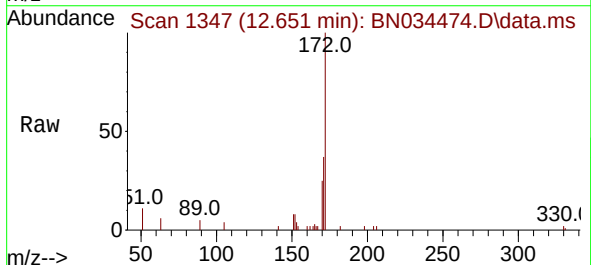


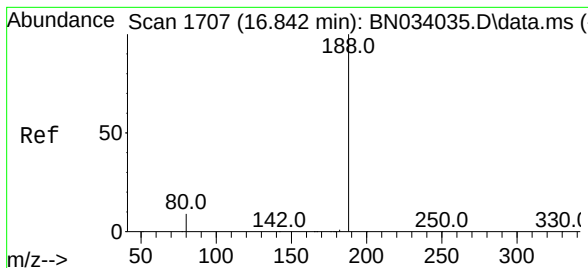
Tgt Ion:330 Resp: 1035
Ion Ratio Lower Upper
330 100
332 130.2 77.4 116.0#
141 35.3 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.651 min Scan# 1347
Delta R.T. -0.007 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Tgt Ion:172 Resp: 8259
Ion Ratio Lower Upper
172 100
171 36.8 27.3 40.9
170 24.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.796 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN034474.D

Acq: 08 Oct 2024 16:48

Instrument :

BNA_N

ClientSampleId :

TT14911-20240924

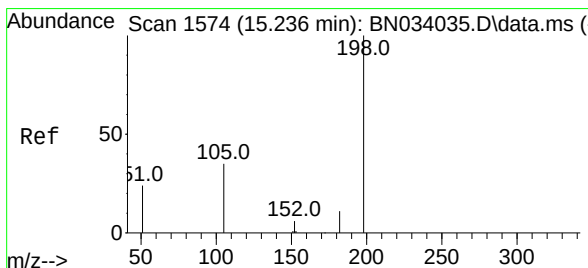
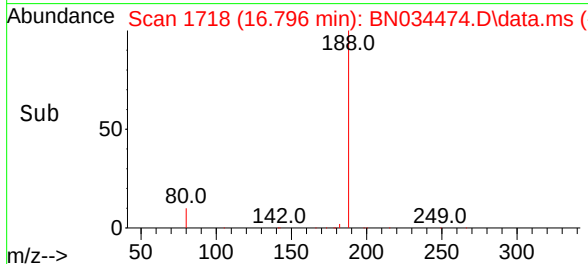
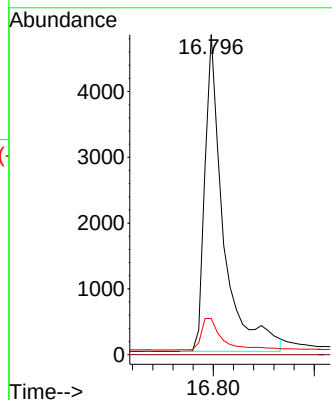
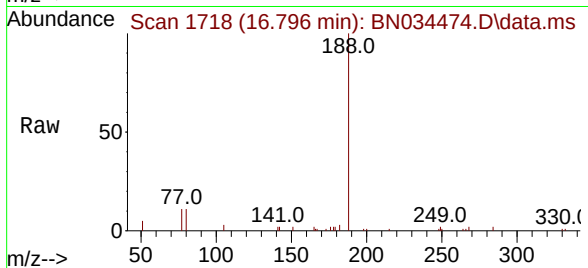
Tgt Ion:188 Resp: 12270

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.324 min Scan# 1680

Delta R.T. 0.018 min

Lab File: BN034474.D

Acq: 08 Oct 2024 16:48

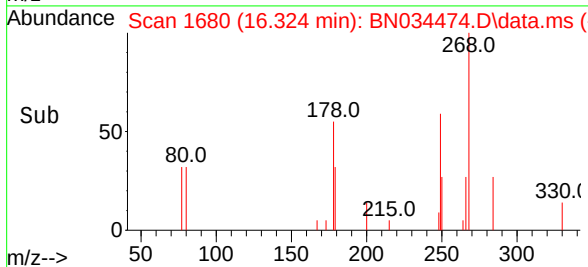
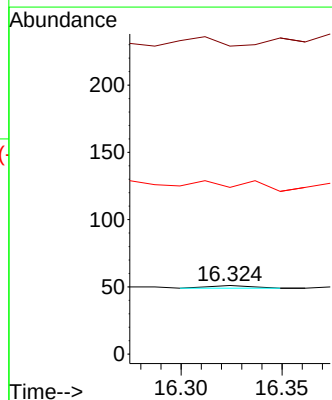
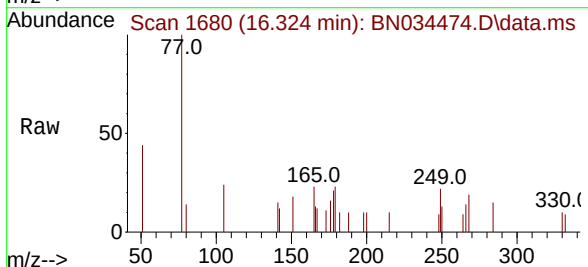
Tgt Ion:198 Resp: 3

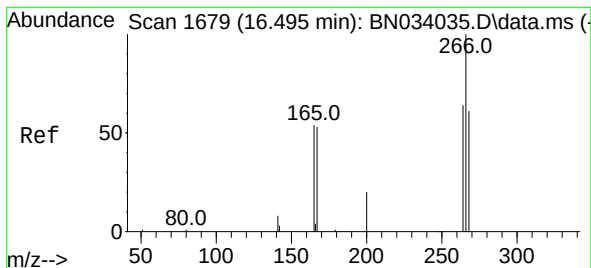
Ion Ratio Lower Upper

198 100

51 449.0 106.4 159.6#

105 243.1 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.028 ng

RT: 16.473 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034474.D

Acq: 08 Oct 2024 16:48

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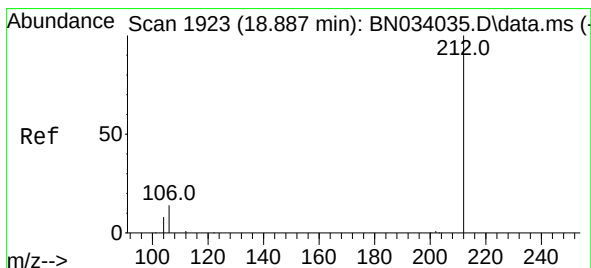
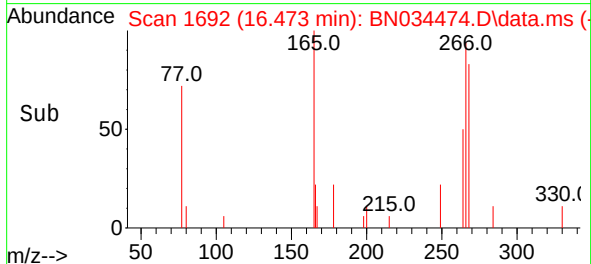
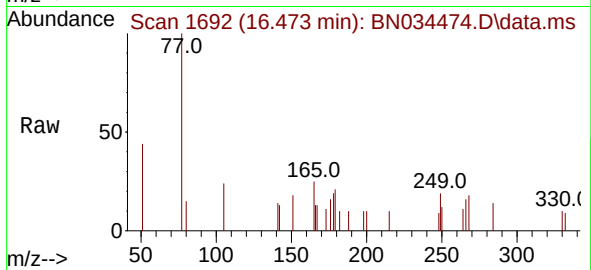
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 67.6 50.2 75.2

268 147.9 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.445 ng

RT: 18.834 min Scan# 1926

Delta R.T. -0.011 min

Lab File: BN034474.D

Acq: 08 Oct 2024 16:48

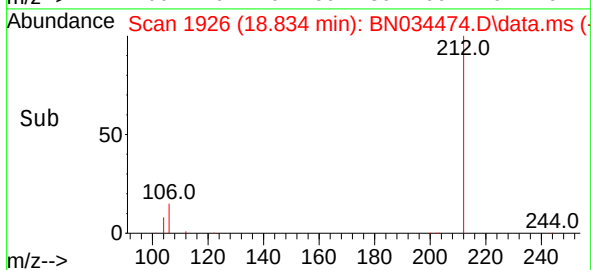
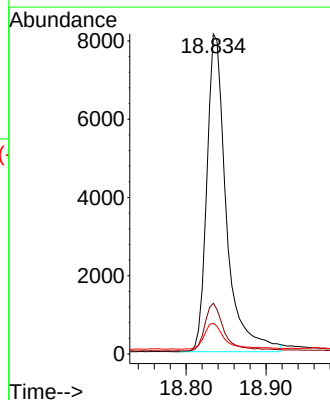
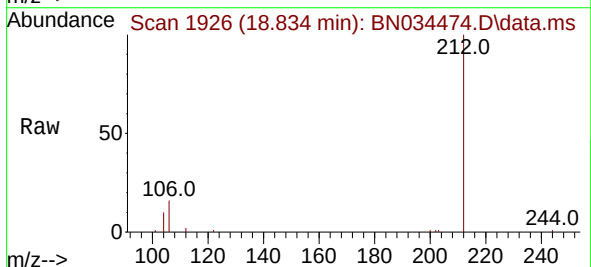
Tgt Ion:212 Resp: 13770

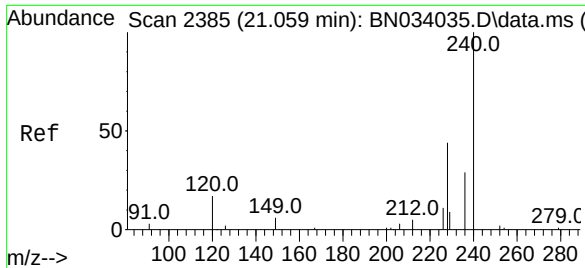
Ion Ratio Lower Upper

212 100

106 15.0 13.4 20.2

104 8.7 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.017 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN034474.D

Acq: 08 Oct 2024 16:48

Instrument :

BNA_N

ClientSampleId :

TT14911-20240924

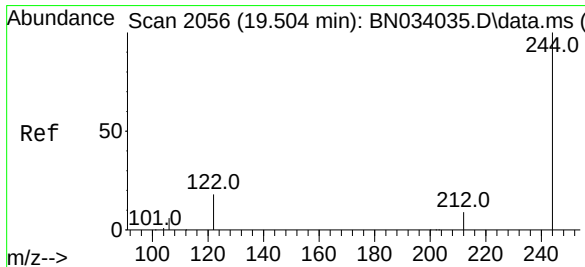
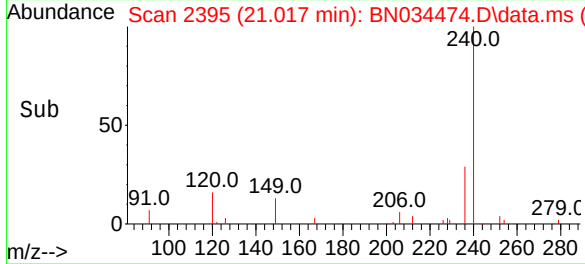
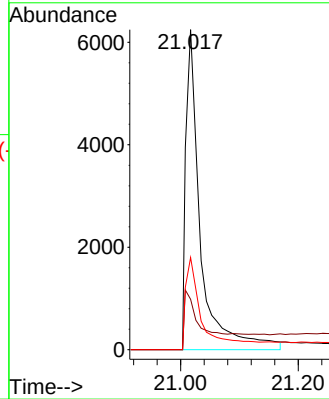
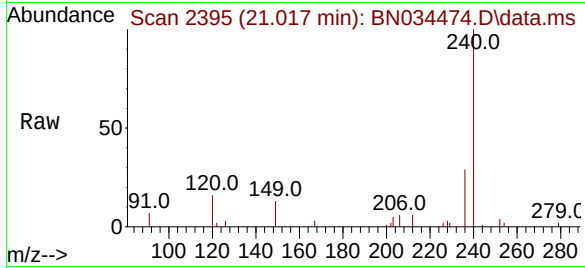
Tgt Ion:240 Resp: 10732

Ion Ratio Lower Upper

240 100

120 15.7 13.5 20.3

236 28.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.456 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN034474.D

Acq: 08 Oct 2024 16:48

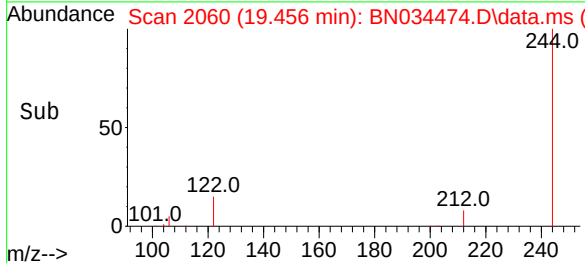
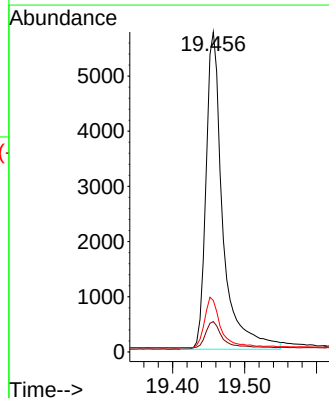
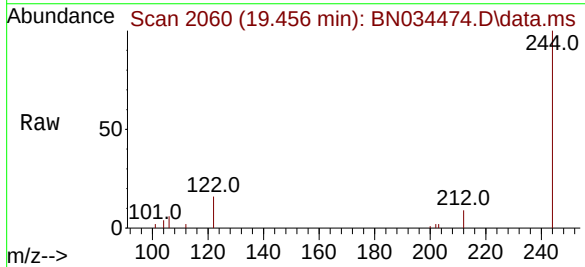
Tgt Ion:244 Resp: 9308

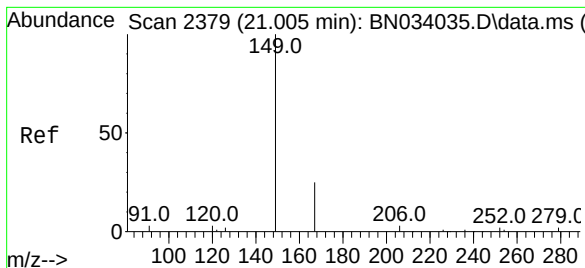
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

122 16.1 14.8 22.2

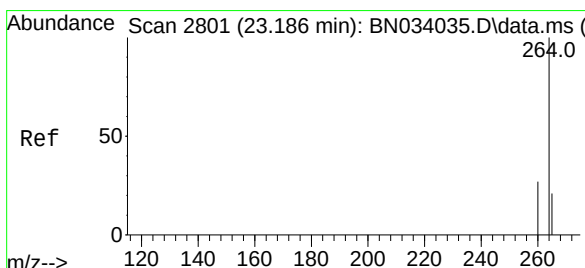
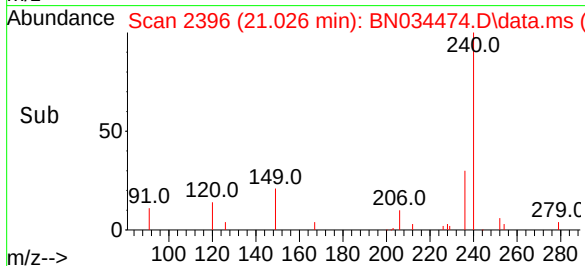
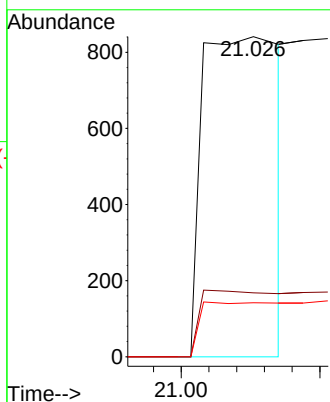
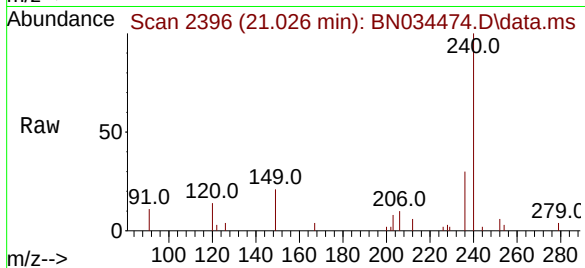




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.026 min Scan# 2411
Delta R.T. 0.020 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Instrument :
BNA_N
ClientSampleId :
TT14911-20240924

Tgt Ion:149 Resp: 1435
Ion Ratio Lower Upper
149 100
167 20.6 19.9 29.9
279 17.1 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.127 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BN034474.D
Acq: 08 Oct 2024 16:48

Tgt Ion:264 Resp: 11777
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 87.7 52.1 78.1#

