

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034149.D
 Acq On : 22 Sep 2024 06:36
 Operator : JU/RC
 Sample : P4116-03
 Misc :
 ALS Vial : 114 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20240916

Quant Time: Sep 23 00:04:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

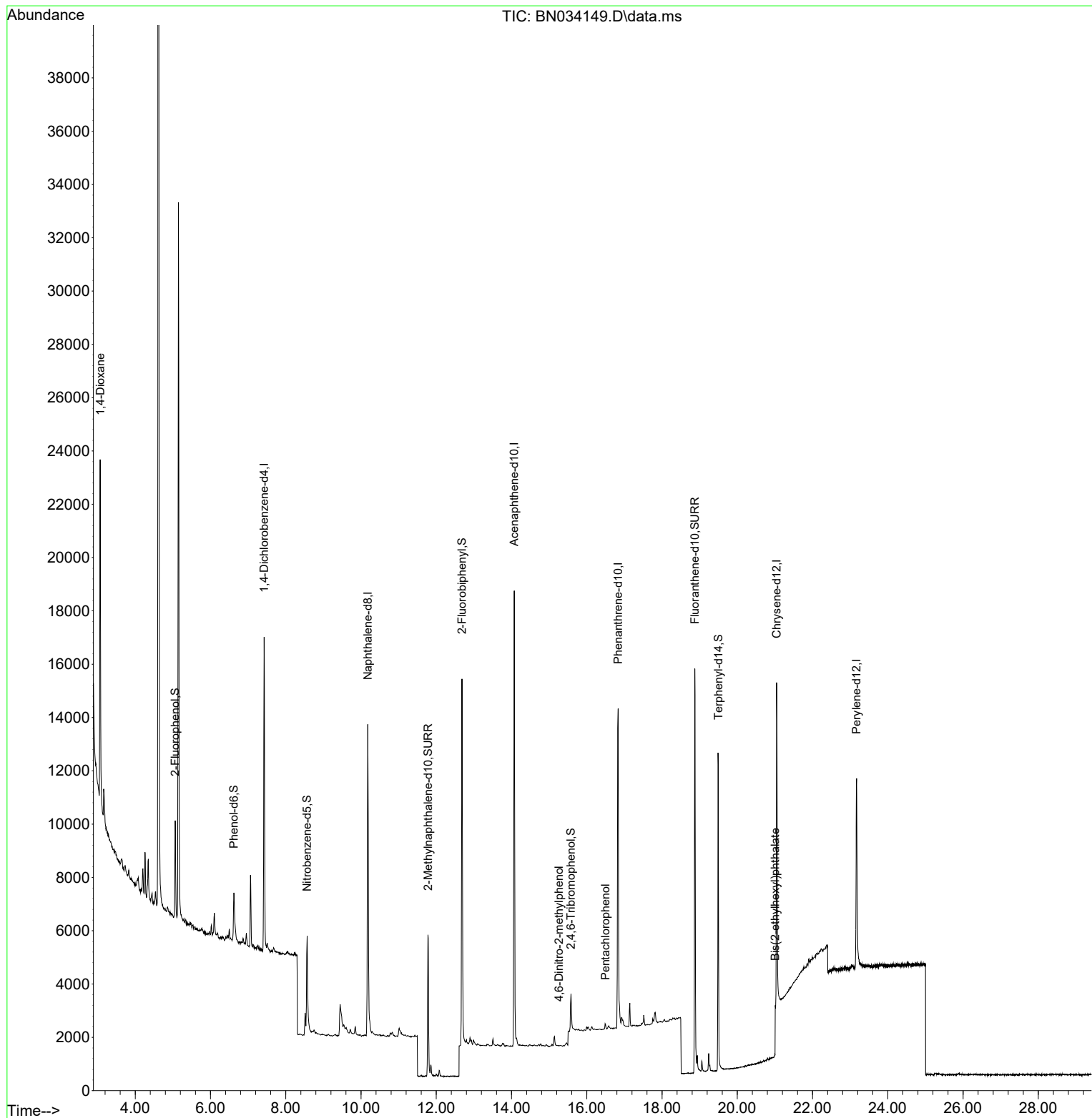
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5656	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	15838	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	9472	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19686	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12737	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	9958	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.061	112	2672	0.166	ng	-0.01
5) Phenol-d6	6.622	99	1860	0.100	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3759	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	7814	0.334	ng	-0.01
14) 2,4,6-Tribromophenol	15.579	330	938	0.219	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12717	0.330	ng	-0.02
27) Fluoranthene-d10	18.871	212	17459	0.352	ng	-0.02
31) Terphenyl-d14	19.494	244	11501	0.452	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	7173	1.014	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.259	198	12	0.141	ng	# 1
24) Pentachlorophenol	16.498	266	147	0.036	ng	89
34) Bis(2-ethylhexyl)phtha...	21.008	149	534	0.032	ng	# 83

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

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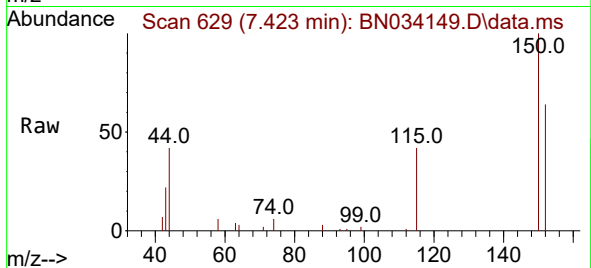
Quant Time: Sep 23 00:04:15 2024
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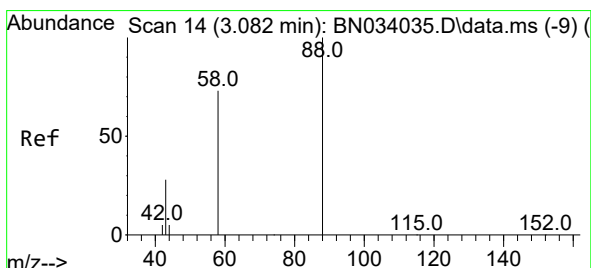
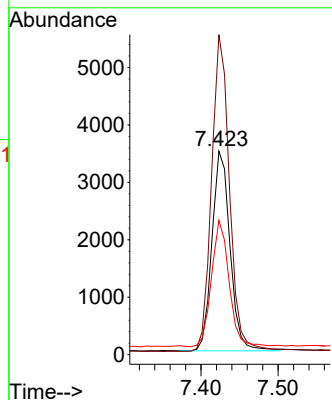
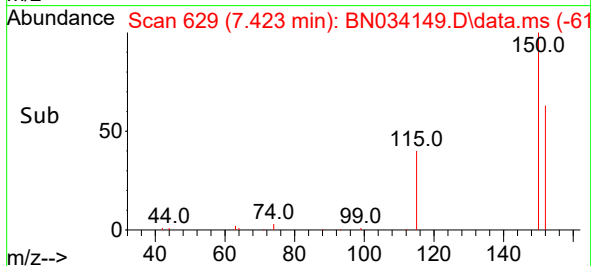


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Instrument :
BNA_N
ClientSampleId :
TT158S1-20240916

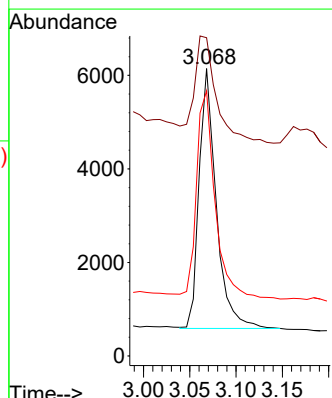
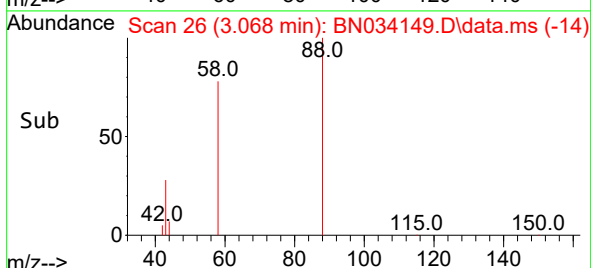
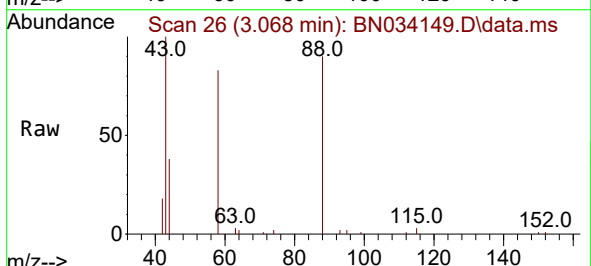


Tgt Ion:152 Resp: 5656
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 66.0 50.0 75.0



#2
1,4-Dioxane
Concen: 1.014 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Tgt Ion: 88 Resp: 7173
Ion Ratio Lower Upper
88 100
43 53.6 25.8 38.8#
58 87.5 58.8 88.2

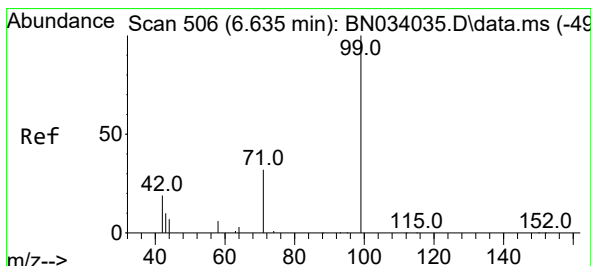
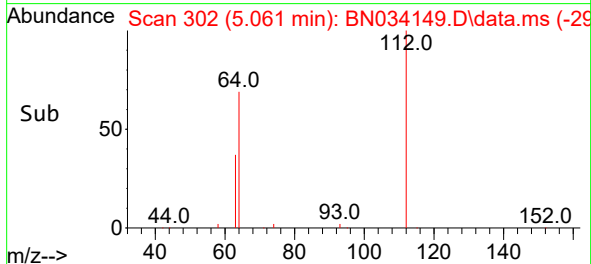
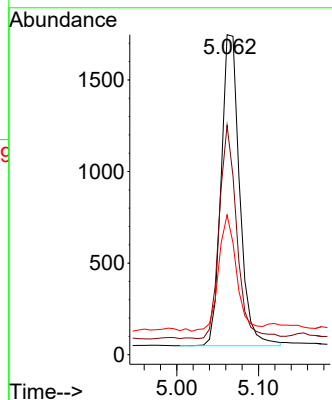
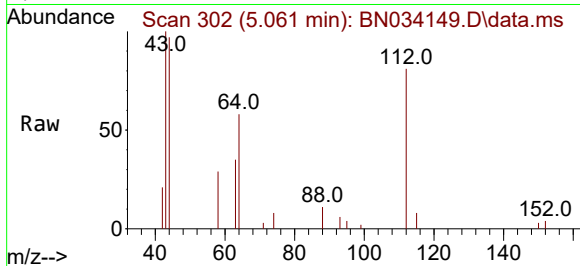




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.061 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

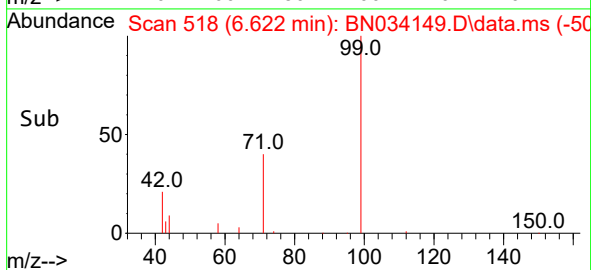
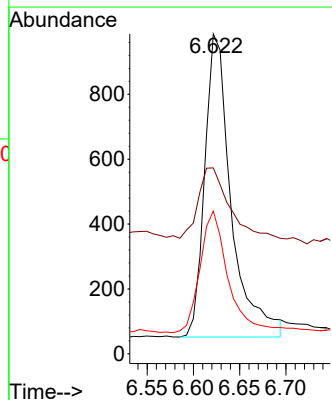
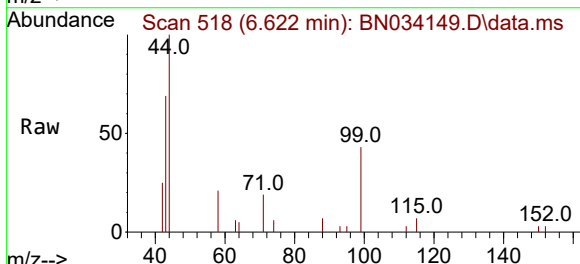
Instrument :
BNA_N
ClientSampleId :
TT158S1-20240916

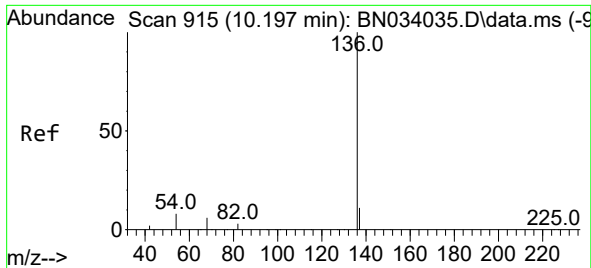
Tgt Ion:112 Resp: 2672
Ion Ratio Lower Upper
112 100
64 64.4 48.6 72.8
63 36.4 25.6 38.4



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Tgt Ion: 99 Resp: 1860
Ion Ratio Lower Upper
99 100
42 26.7 17.8 26.8
71 42.2 26.2 39.2#

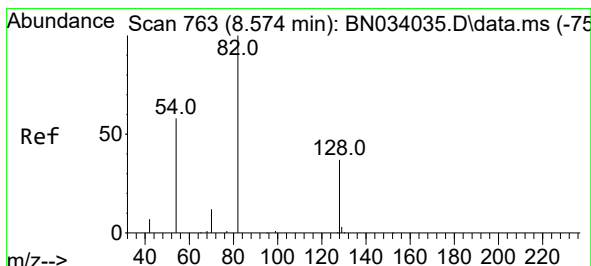
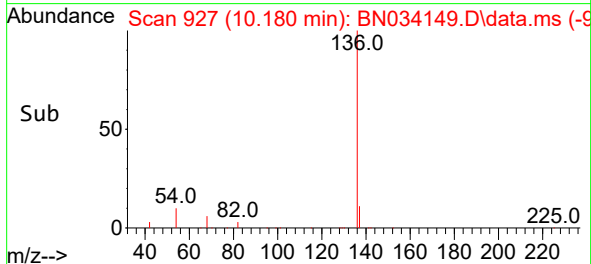
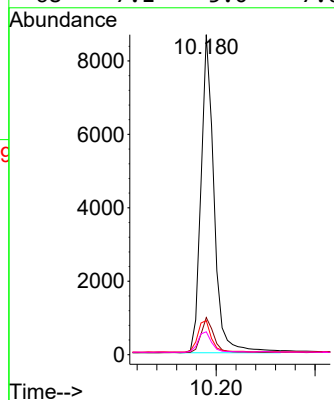
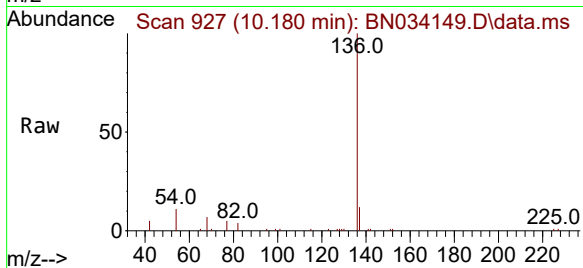




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

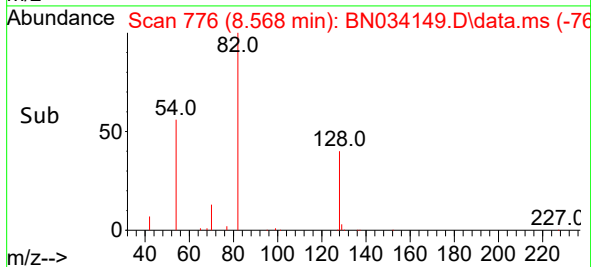
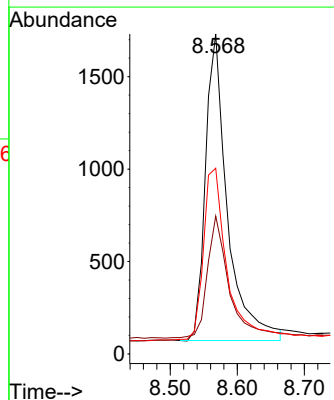
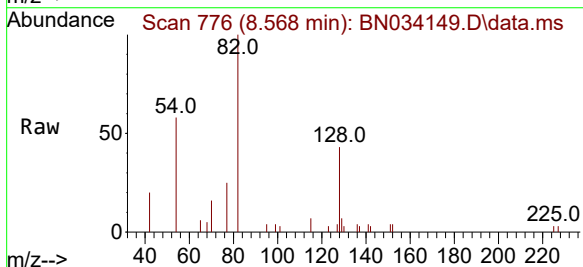
Instrument :
BNA_N
ClientSampleId :
TT158S1-20240916

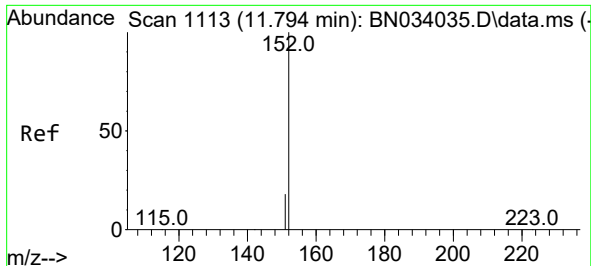
Tgt Ion:136 Resp: 15838
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.6 6.8 10.2#
68 7.1 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Tgt Ion: 82 Resp: 3759
Ion Ratio Lower Upper
82 100
128 43.1 31.4 47.2
54 58.1 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 11.780 min Scan# 1113

Delta R.T. -0.014 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

Instrument :

BNA_N

ClientSampleId :

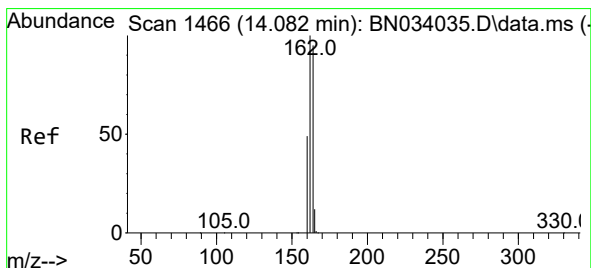
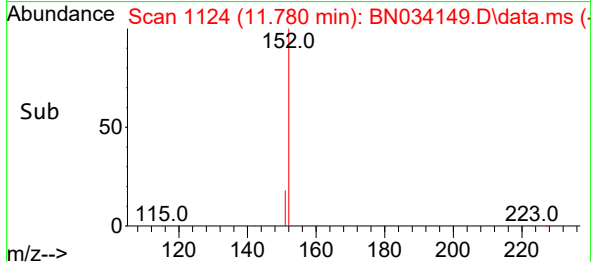
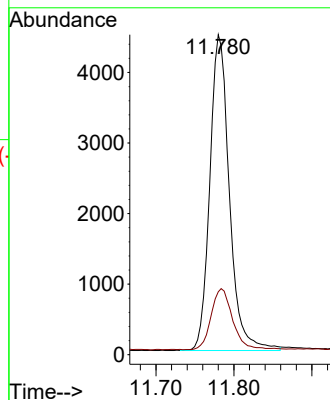
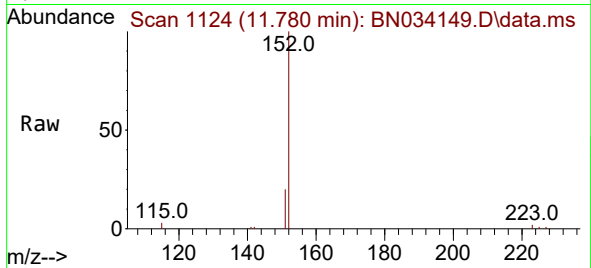
TT158S1-20240916

Tgt Ion:152 Resp: 7814

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

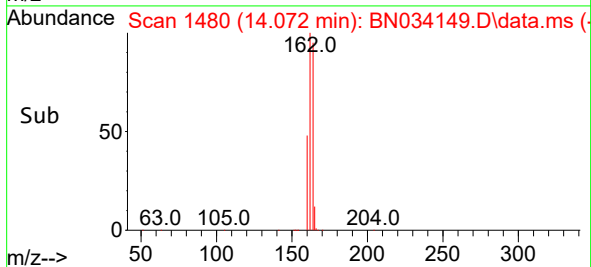
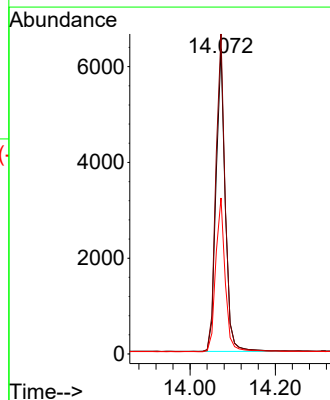
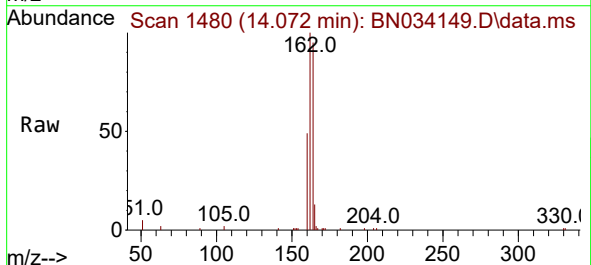
Tgt Ion:164 Resp: 9472

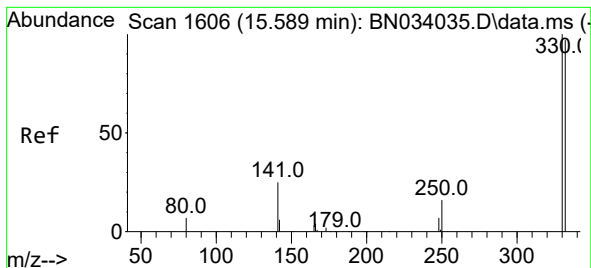
Ion Ratio Lower Upper

164 100

162 104.9 84.2 126.2

160 51.1 41.7 62.5

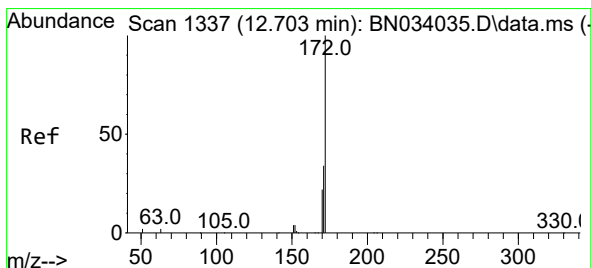
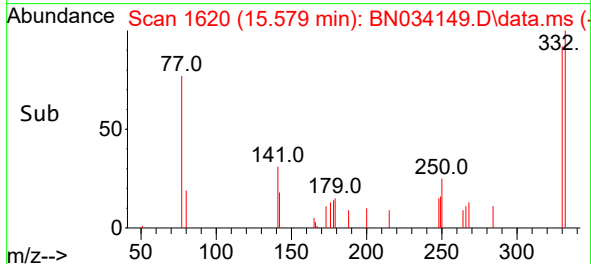
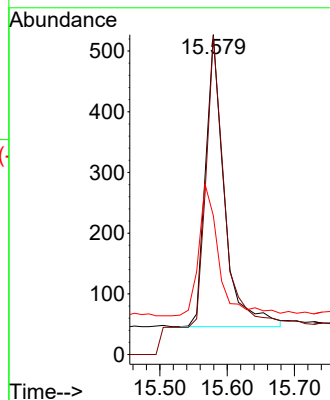
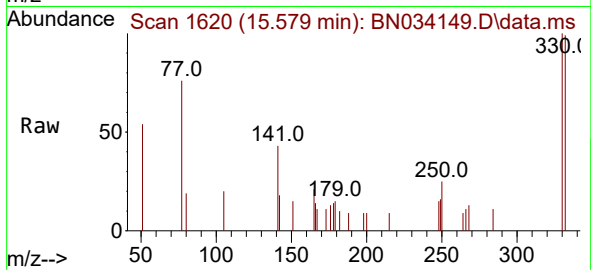




#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

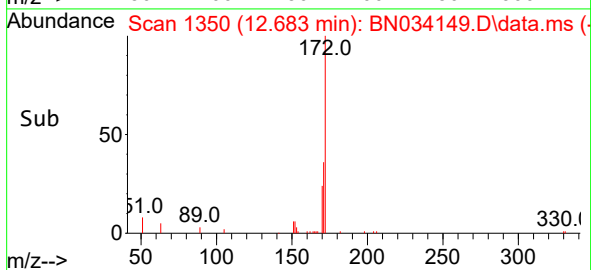
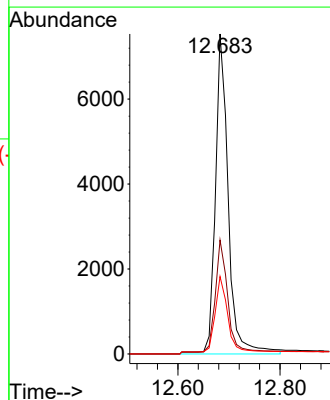
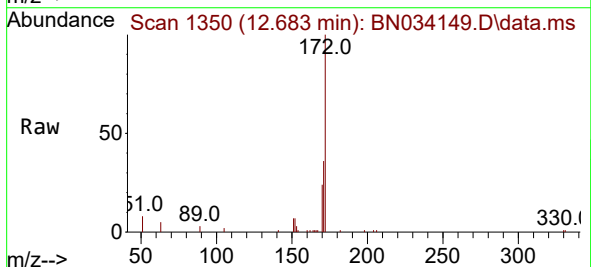
Instrument :
BNA_N
ClientSampleId :
TT158S1-20240916

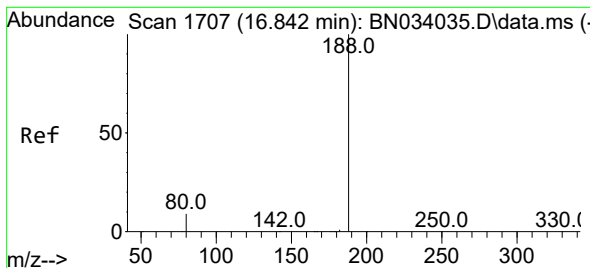
Tgt Ion:330 Resp: 938
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 48.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Tgt Ion:172 Resp: 12717
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

Instrument :

BNA_N

ClientSampleId :

TT158S1-20240916

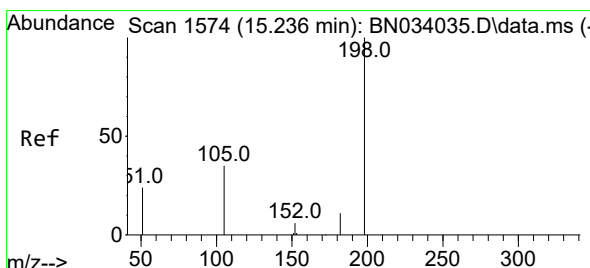
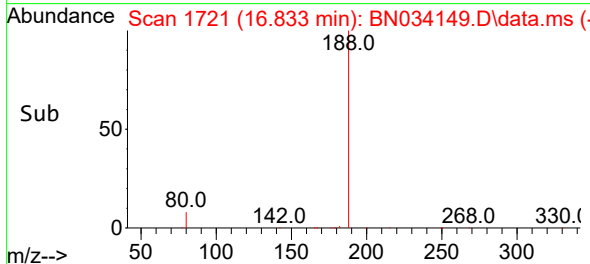
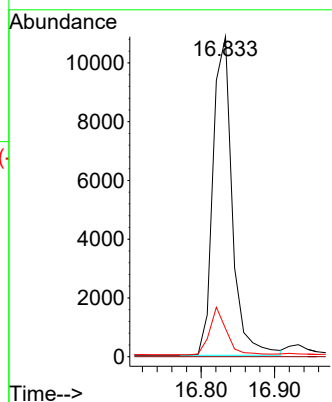
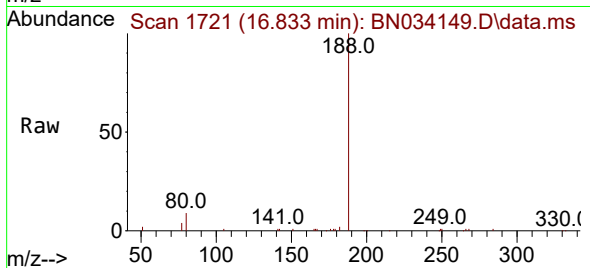
Tgt Ion:188 Resp: 19686

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 15.259 min Scan# 1591

Delta R.T. 0.023 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

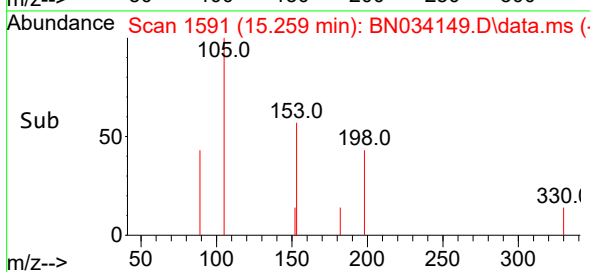
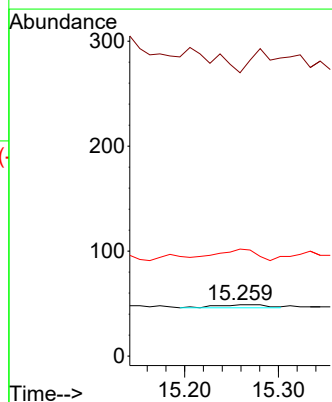
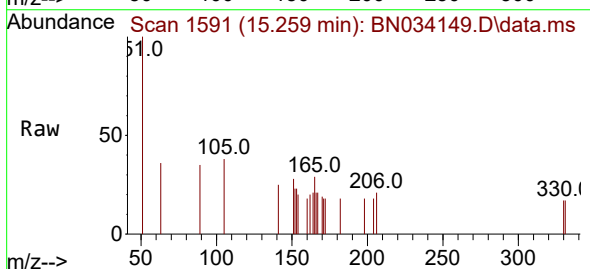
Tgt Ion:198 Resp: 12

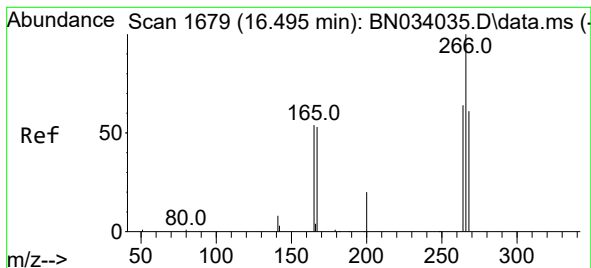
Ion Ratio Lower Upper

198 100

51 551.0 106.4 159.6#

105 208.2 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.036 ng

RT: 16.498 min Scan# 1694

Delta R.T. 0.003 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

Instrument :

BNA_N

ClientSampleId :

TT158S1-20240916

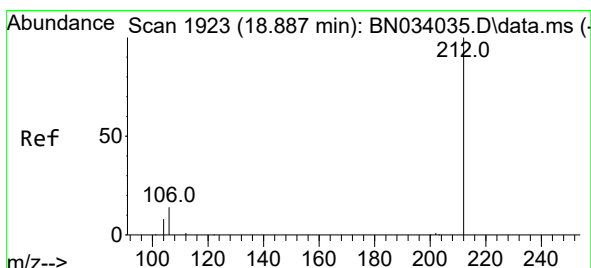
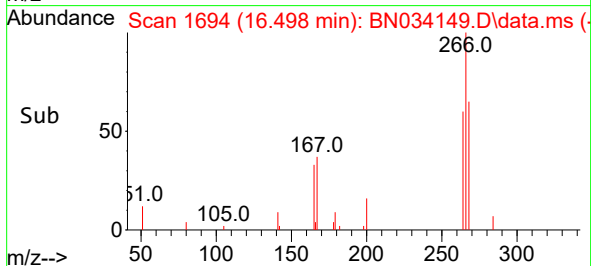
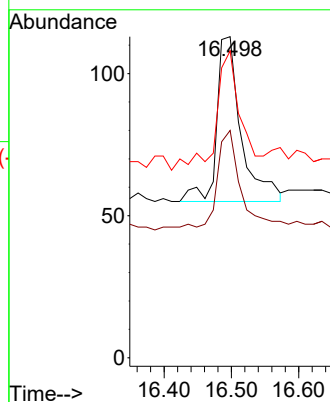
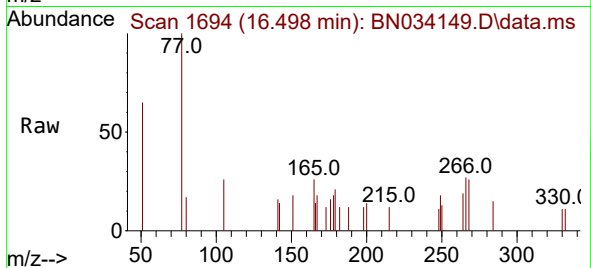
Tgt Ion:266 Resp: 147

Ion Ratio Lower Upper

266 100

264 53.7 50.2 75.2

268 72.1 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.871 min Scan# 1934

Delta R.T. -0.016 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

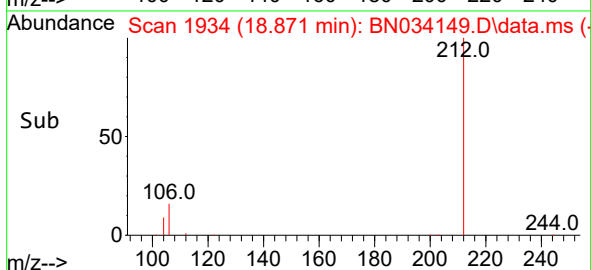
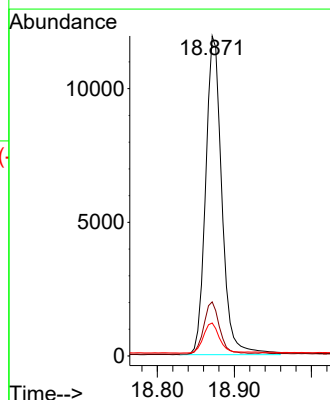
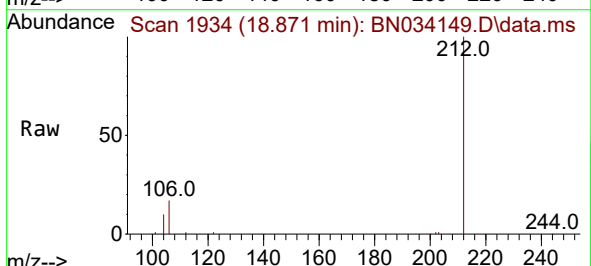
Tgt Ion:212 Resp: 17459

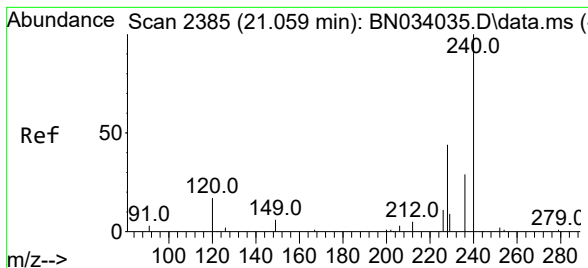
Ion Ratio Lower Upper

212 100

106 16.0 13.4 20.2

104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.044 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

Instrument :

BNA_N

ClientSampleId :

TT158S1-20240916

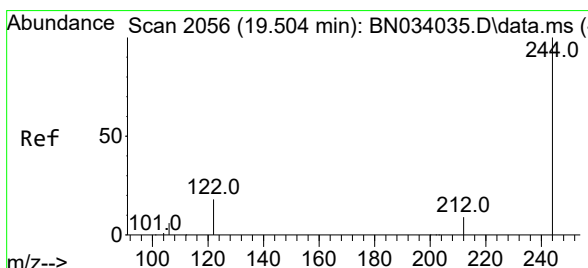
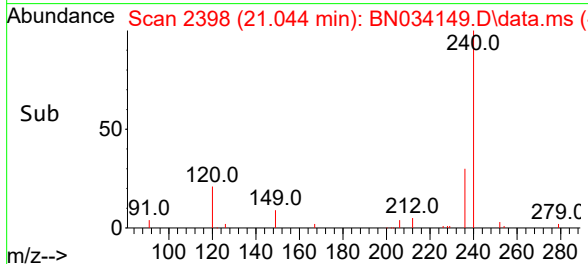
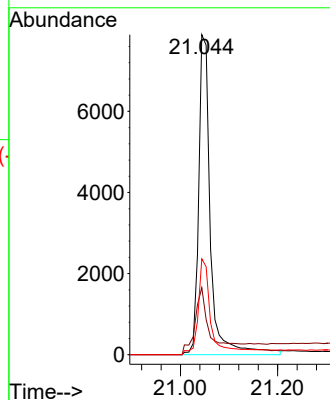
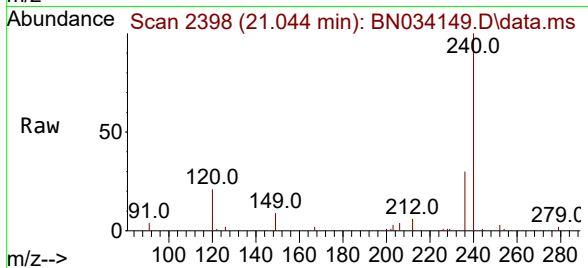
Tgt Ion:240 Resp: 12737

Ion Ratio Lower Upper

240 100

120 21.0 13.5 20.3#

236 30.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.452 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034149.D

Acq: 22 Sep 2024 06:36

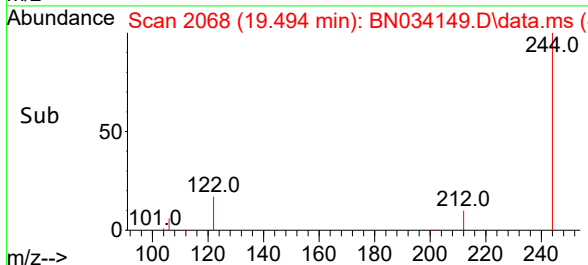
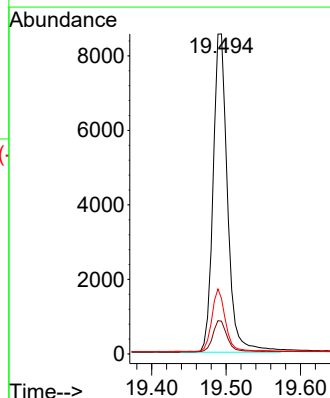
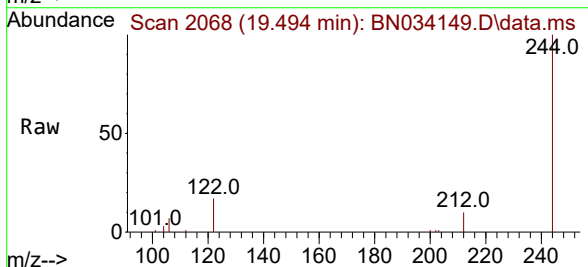
Tgt Ion:244 Resp: 11501

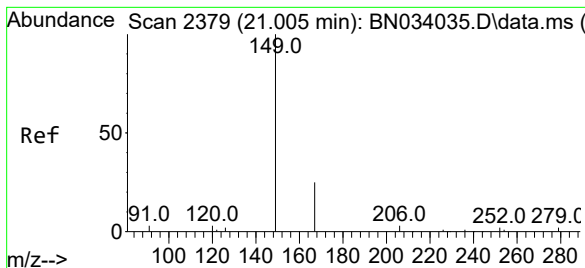
Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

122 17.3 14.8 22.2

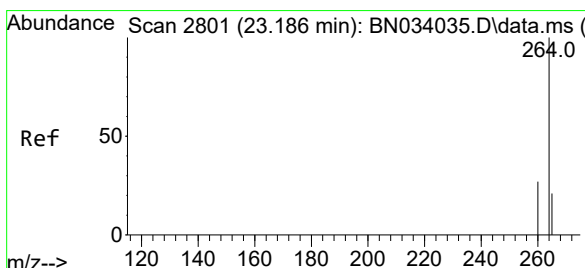
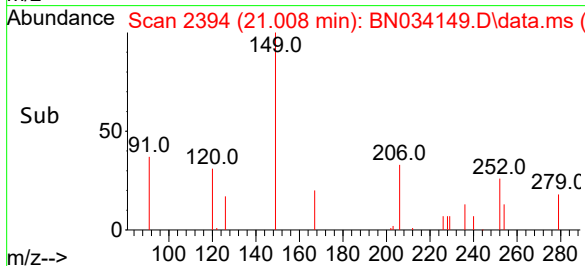
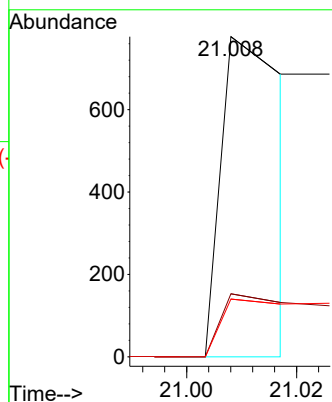
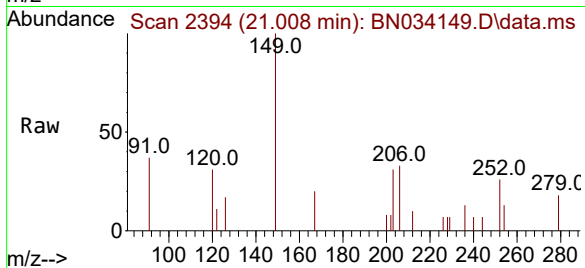




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.008 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Instrument :
BNA_N
ClientSampleId :
TT158S1-20240916

Tgt Ion:149 Resp: 534
Ion Ratio Lower Upper
149 100
167 31.3 19.9 29.9#
279 18.4 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BN034149.D
Acq: 22 Sep 2024 06:36

Tgt Ion:264 Resp: 9958
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 77.3 52.1 78.1

