

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034150.D
 Acq On : 22 Sep 2024 07:12
 Operator : JU/RC
 Sample : P4116-04
 Misc :
 ALS Vial : 115 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPE04-20240916

Quant Time: Sep 23 00:04:27 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)

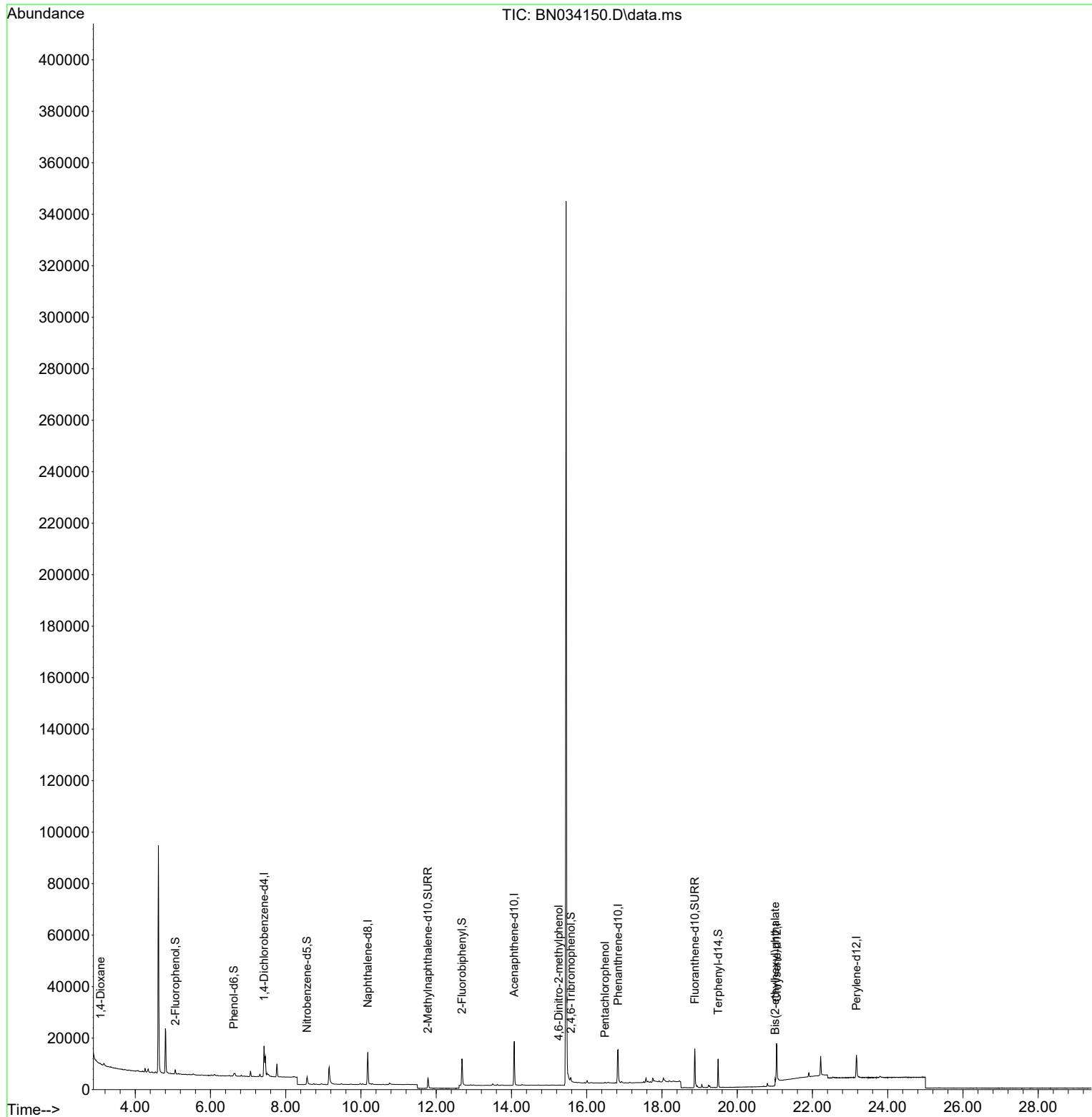
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5593	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16081	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	9448	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20554	0.400	ng	0.00
29) Chrysene-d12	21.053	240	14573	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	11500	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1220	0.077	ng	0.00
5) Phenol-d6	6.622	99	824	0.045	ng	-0.01
8) Nitrobenzene-d5	8.568	82	2985	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	5976	0.252	ng	-0.01
14) 2,4,6-Tribromophenol	15.579	330	816	0.191	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	10177	0.265	ng	-0.02
27) Fluoranthene-d10	18.871	212	16226	0.313	ng	-0.02
31) Terphenyl-d14	19.494	244	10324	0.355	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	149	0.021	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.259	198	11	0.141	ng	# 1
24) Pentachlorophenol	16.486	266	198	0.046	ng	96
34) Bis(2-ethylhexyl)phtha...	21.008	149	1108	0.058	ng	# 85

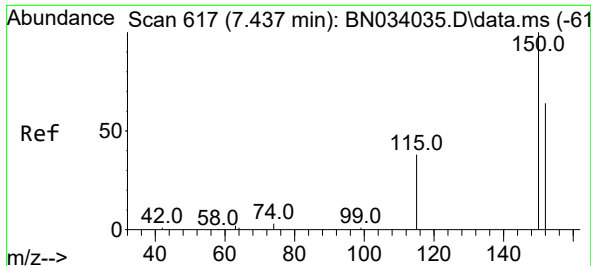
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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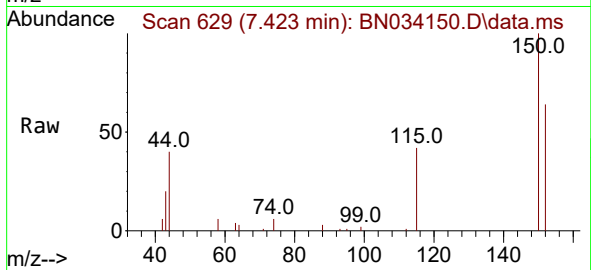
Quant Time: Sep 23 00:04:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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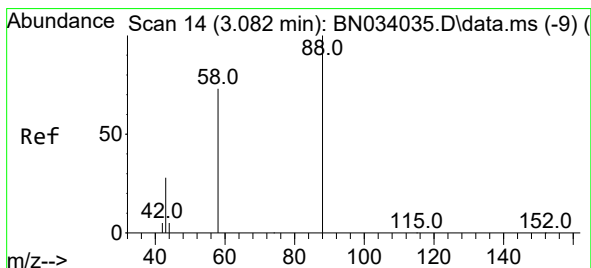
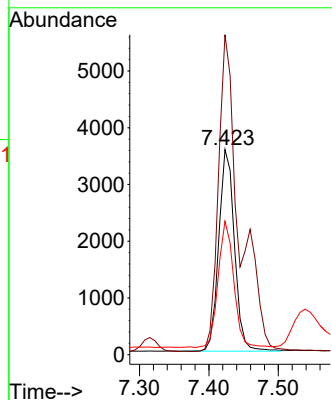
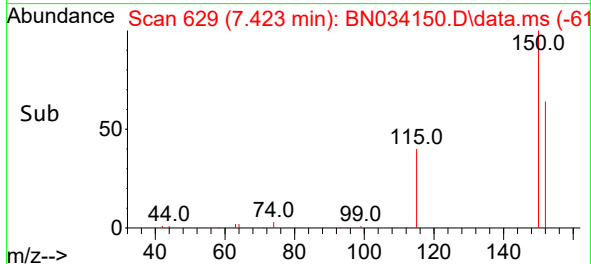


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034150.D
 Acq: 22 Sep 2024 07:12

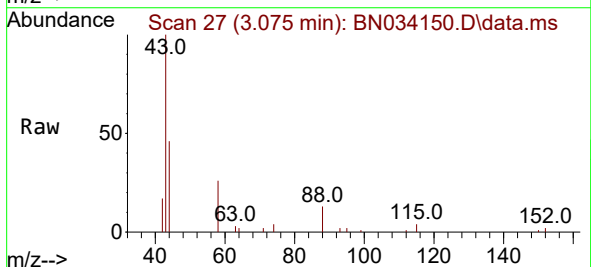
Instrument :
 BNA_N
 ClientSampleId :
 DUPE04-20240916



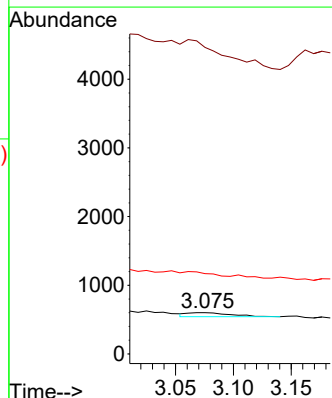
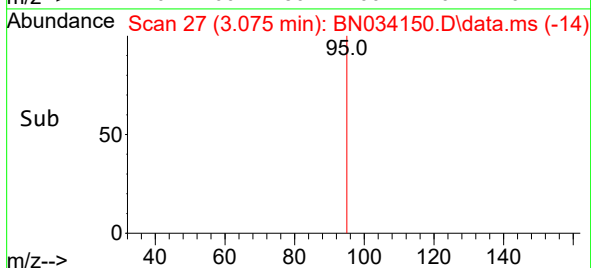
Tgt Ion:152 Resp: 5593
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 187.0
 115 65.1 50.0 75.0

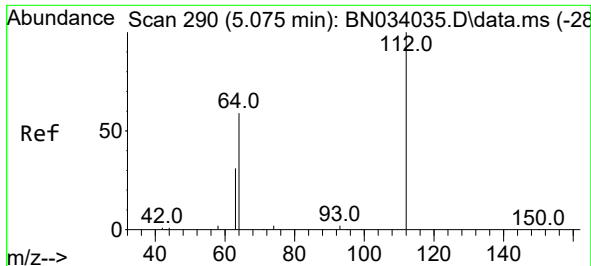


#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034150.D
 Acq: 22 Sep 2024 07:12



Tgt Ion: 88 Resp: 149
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.8#
 58 0.0 58.8 88.2#

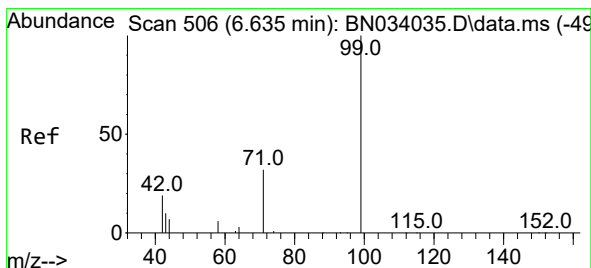
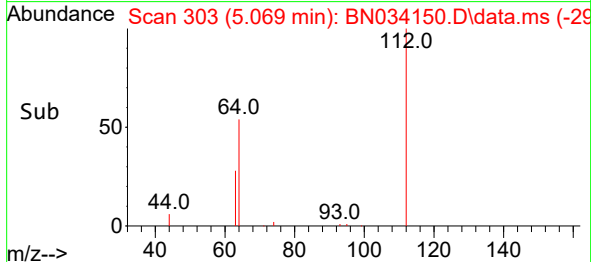
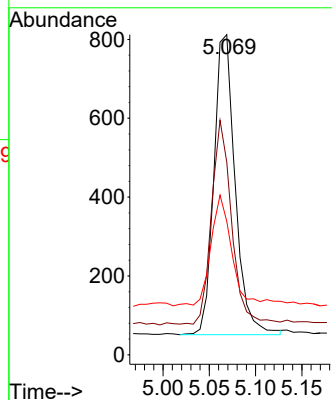
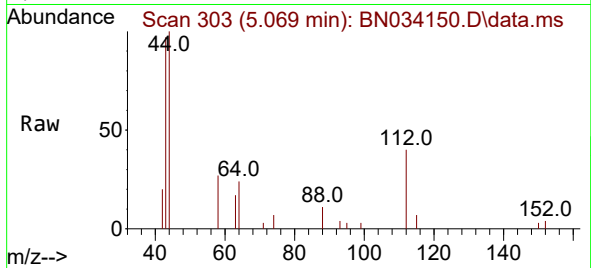




#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

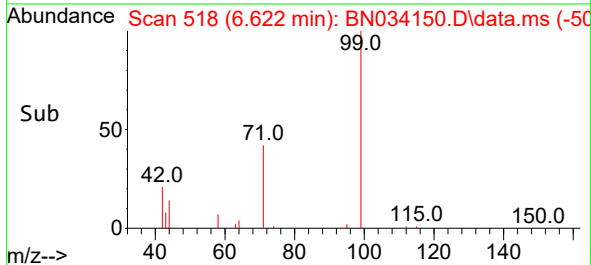
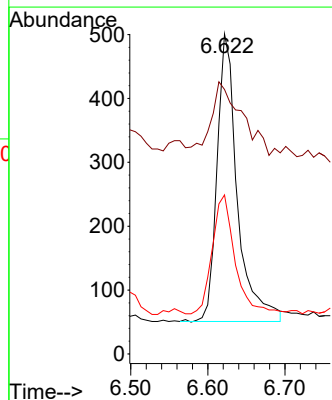
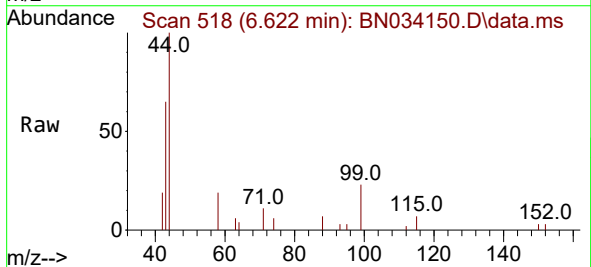
Instrument :
BNA_N
ClientSampleId :
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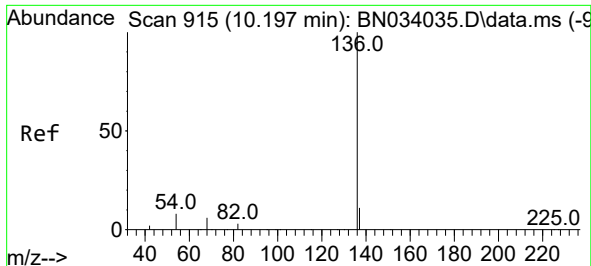
Tgt Ion:112 Resp: 1220
Ion Ratio Lower Upper
112 100
64 63.9 48.6 72.8
63 37.3 25.6 38.4



#5
Phenol-d6
Concen: 0.045 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Tgt Ion: 99 Resp: 824
Ion Ratio Lower Upper
99 100
42 35.7 17.8 26.8#
71 46.0 26.2 39.2#

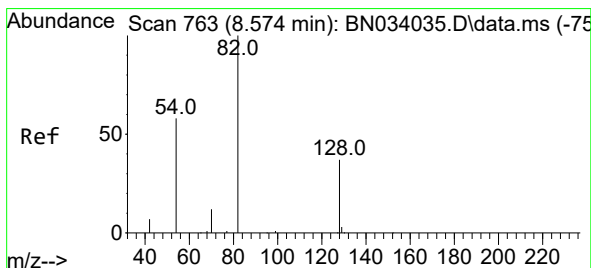
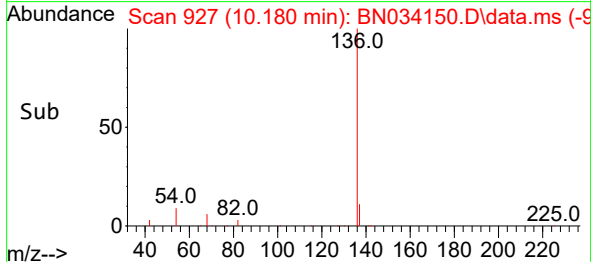
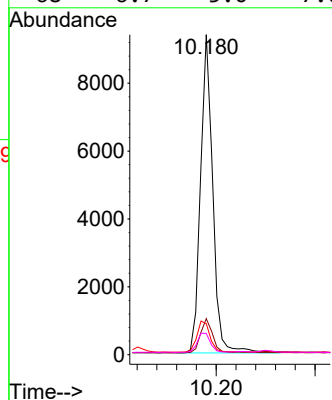
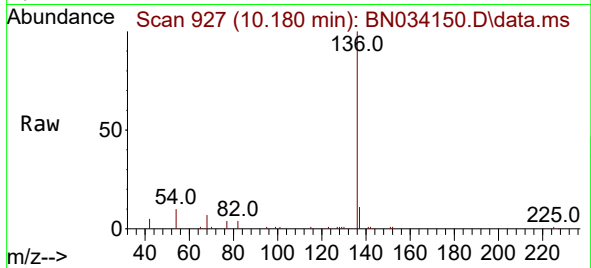




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

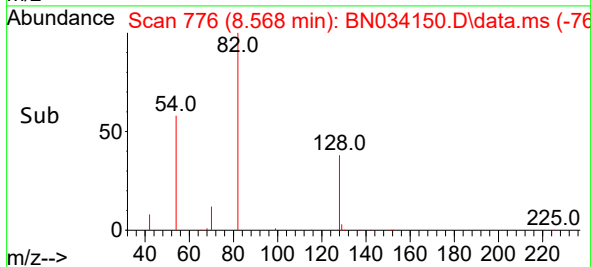
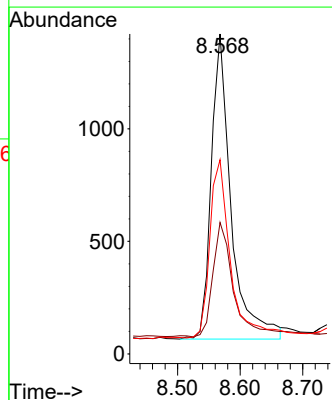
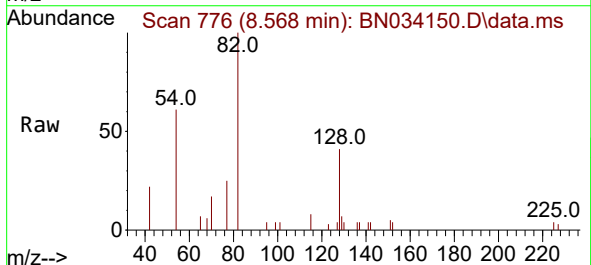
Instrument :
BNA_N
ClientSampleId :
DUPE04-20240916

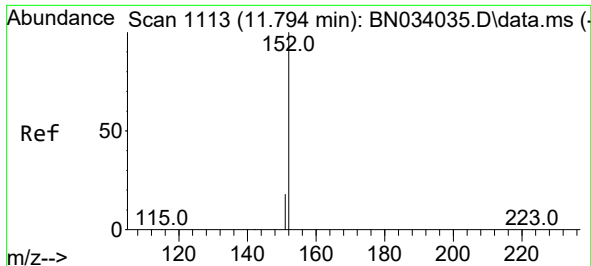
Tgt Ion:	136	Resp:	16081
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.7	6.8	10.2
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Tgt Ion:	82	Resp:	2985
Ion Ratio	Lower	Upper	
82	100		
128	41.1	31.4	47.2
54	60.7	47.4	71.0

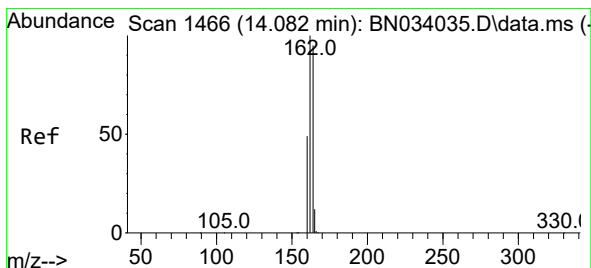
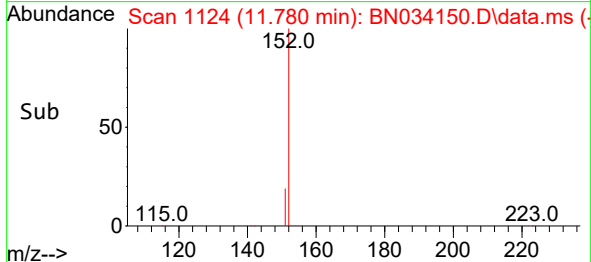
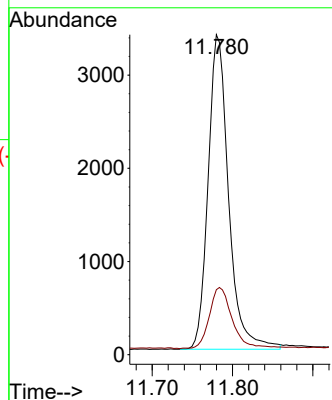
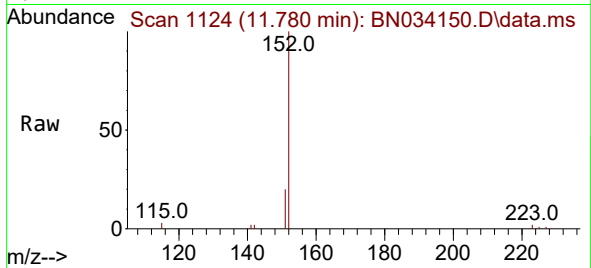




#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 11.780 min Scan# 1113
Delta R.T. -0.014 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

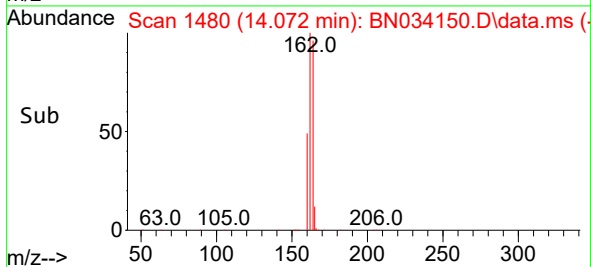
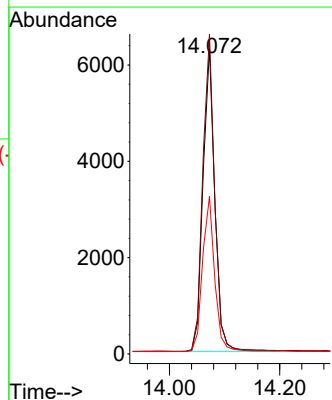
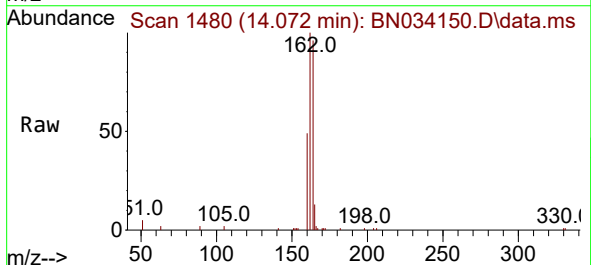
Instrument :
BNA_N
ClientSampleId :
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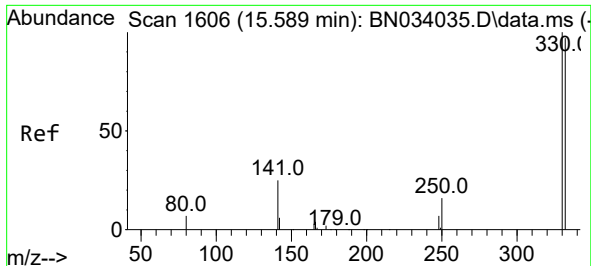
Tgt Ion:152 Resp: 5976
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

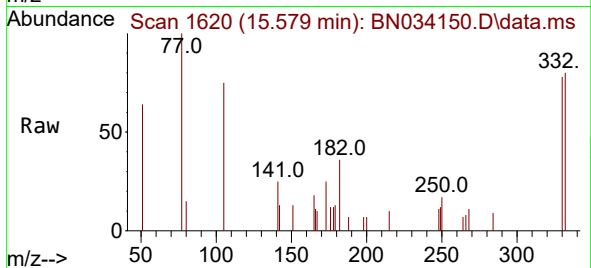
Tgt Ion:164 Resp: 9448
Ion Ratio Lower Upper
164 100
162 104.6 84.2 126.2
160 51.5 41.7 62.5



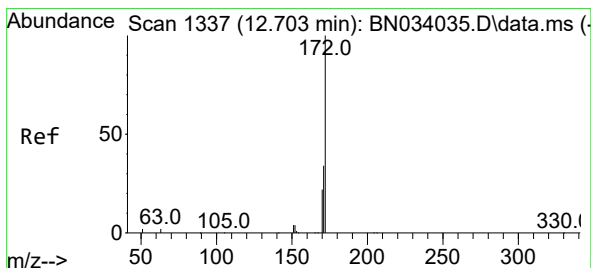
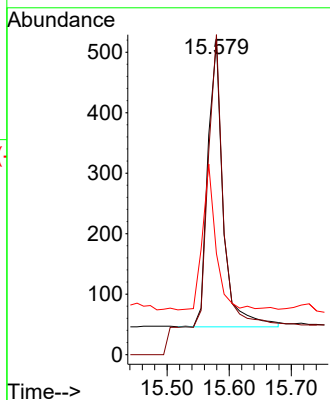
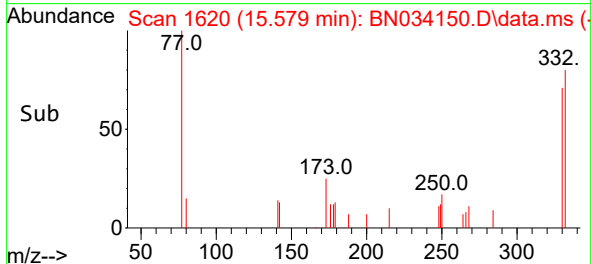


#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

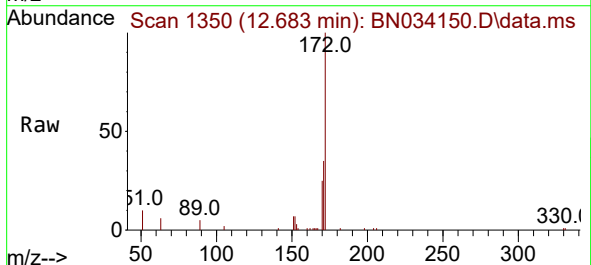
Instrument :
BNA_N
ClientSampleId :
DUPE04-20240916



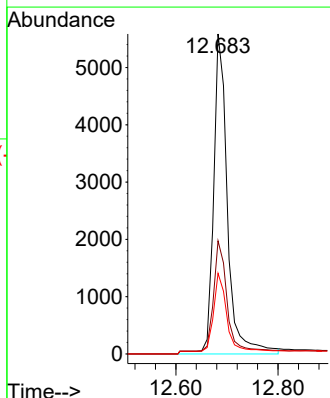
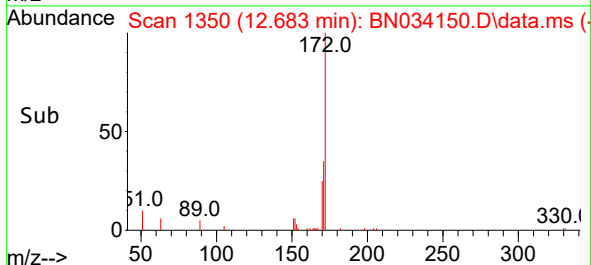
Tgt Ion:330 Resp: 816
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.0
141 45.0 35.9 53.9

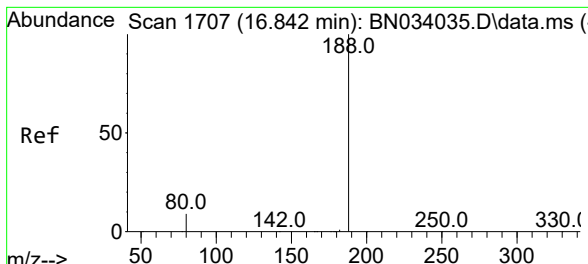


#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12



Tgt Ion:172 Resp: 10177
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 25.2 18.1 27.1

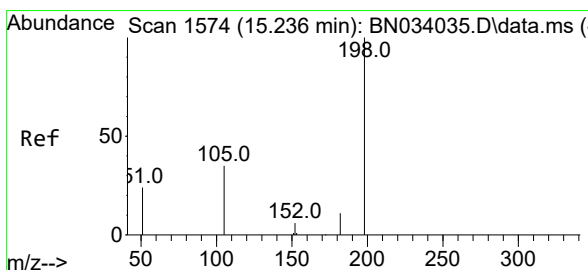
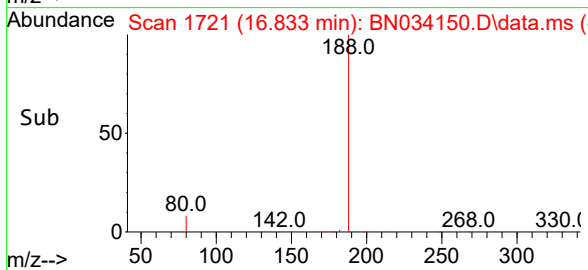
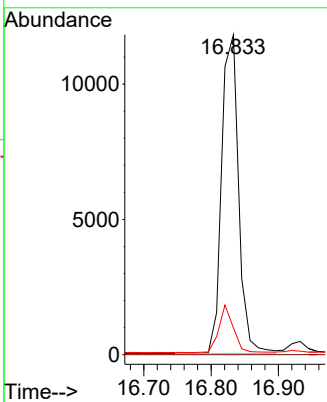
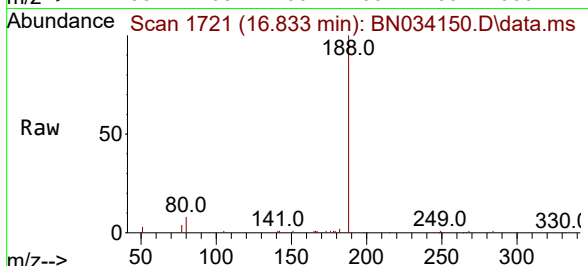




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.833 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BN034150.D
 Acq: 22 Sep 2024 07:12

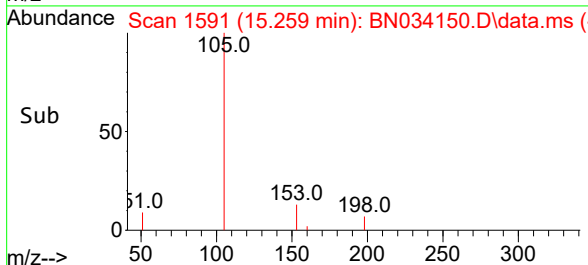
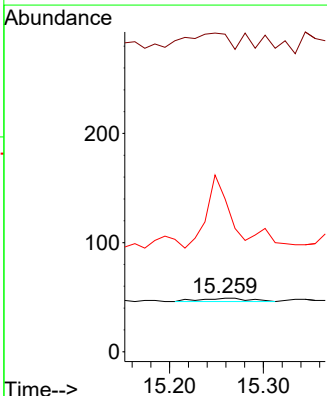
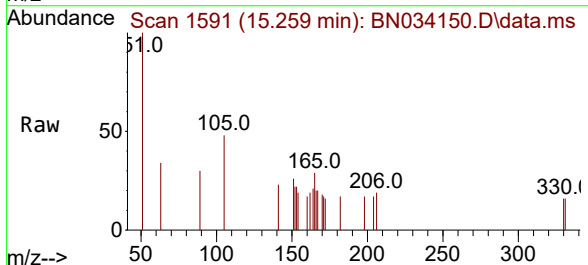
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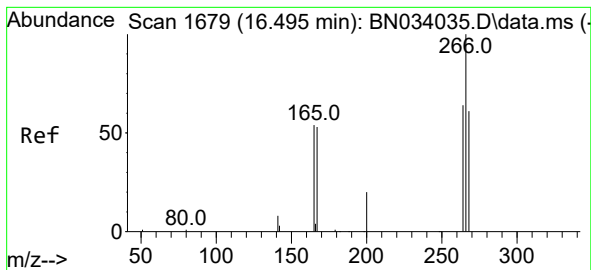
Tgt Ion:	188	Resp:	20554
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.4	7.4	11.0



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.141 ng
 RT: 15.259 min Scan# 1591
 Delta R.T. 0.023 min
 Lab File: BN034150.D
 Acq: 22 Sep 2024 07:12

Tgt Ion:	198	Resp:	11
Ion Ratio	Lower	Upper	
198	100		
51	593.9	106.4	159.6#
105	285.7	38.5	57.7#





#24

Pentachlorophenol

Concen: 0.046 ng

RT: 16.486 min Scan# 1693

Delta R.T. -0.009 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

Instrument :

BNA_N

ClientSampleId :

DUPE04-20240916

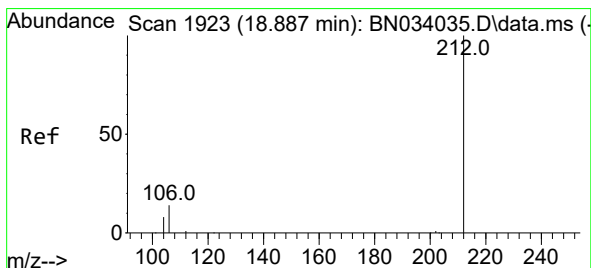
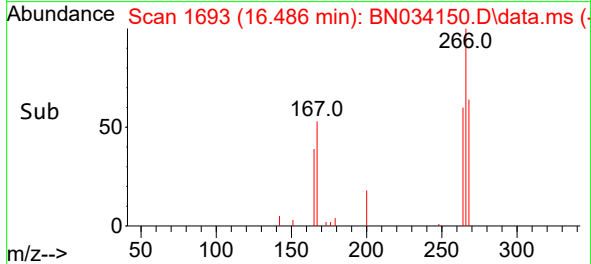
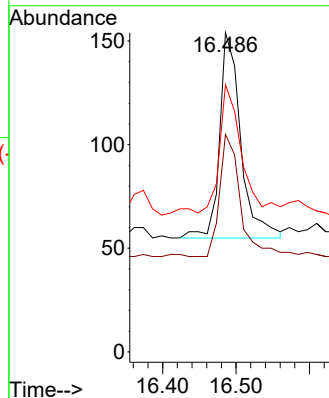
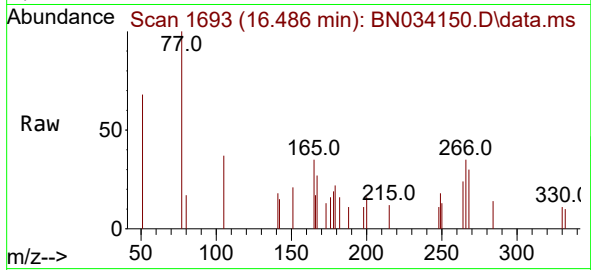
Tgt Ion:266 Resp: 198

Ion Ratio Lower Upper

266 100

264 59.1 50.2 75.2

268 65.7 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.313 ng

RT: 18.871 min Scan# 1934

Delta R.T. -0.016 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

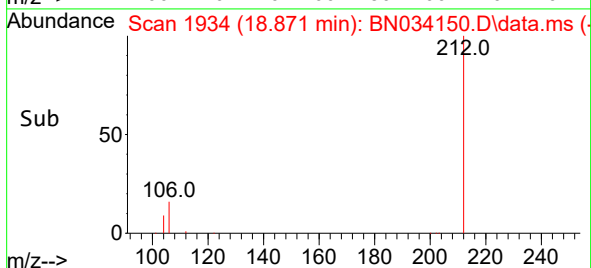
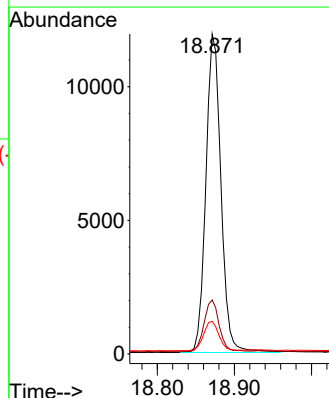
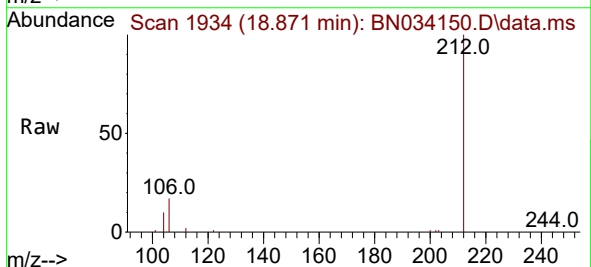
Tgt Ion:212 Resp: 16226

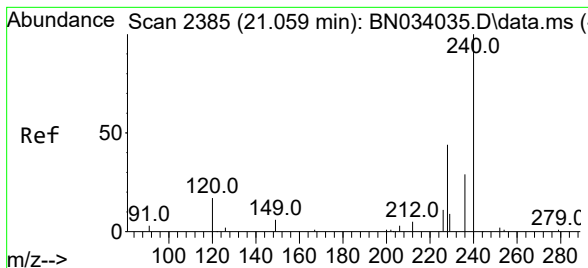
Ion Ratio Lower Upper

212 100

106 16.3 13.4 20.2

104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

Instrument :

BNA_N

ClientSampleId :

DUPE04-20240916

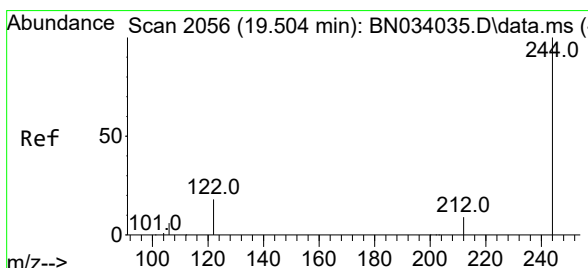
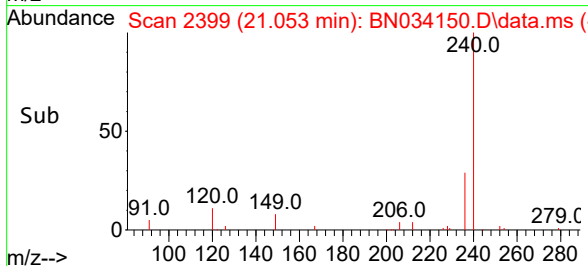
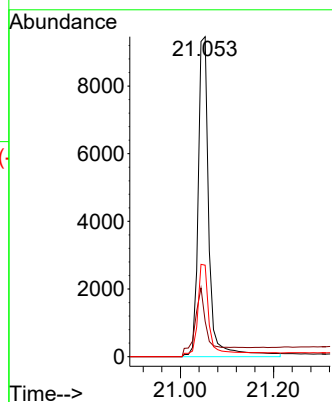
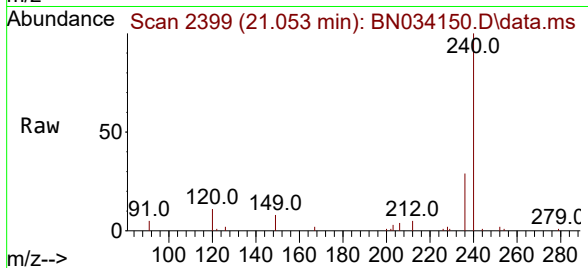
Tgt Ion:240 Resp: 14573

Ion Ratio Lower Upper

240 100

120 11.1 13.5 20.3#

236 28.6 23.4 35.0



#31

Terphenyl-d14

Concen: 0.355 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

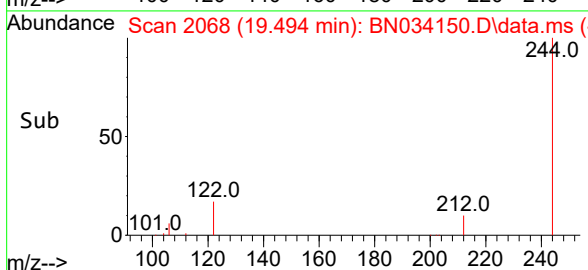
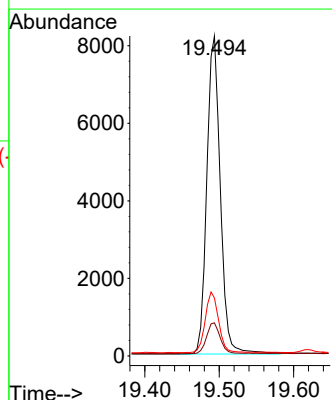
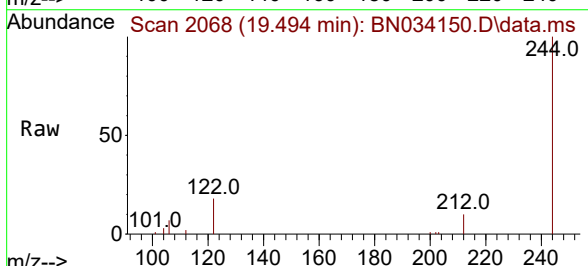
Tgt Ion:244 Resp: 10324

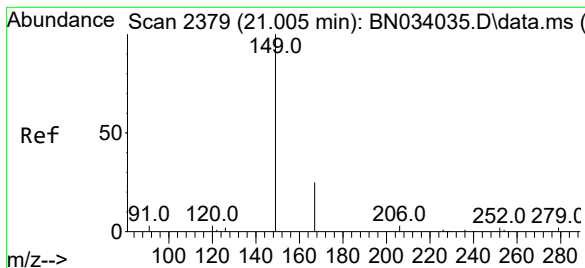
Ion Ratio Lower Upper

244 100

212 10.4 7.8 11.6

122 18.1 14.8 22.2

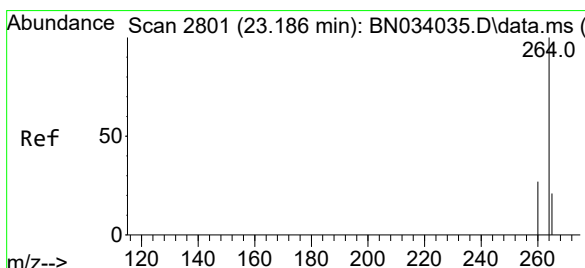
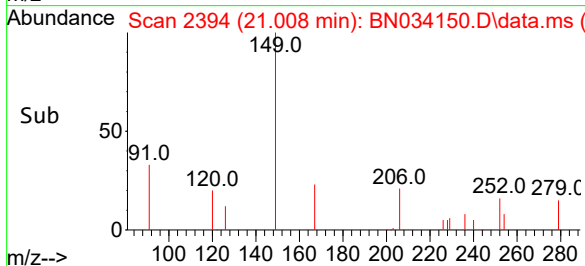
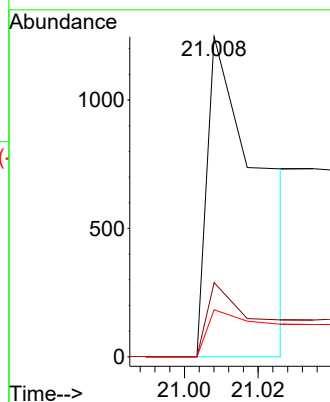
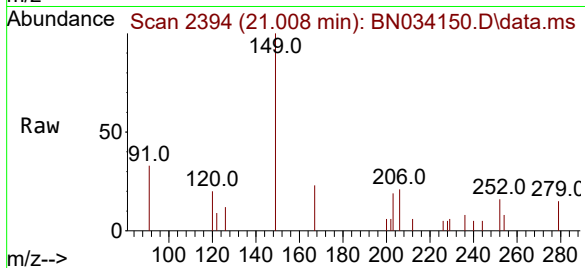




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.008 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Instrument :
BNA_N
ClientSampleId :
DUPE04-20240916

Tgt Ion:149 Resp: 1108
Ion Ratio Lower Upper
149 100
167 28.4 19.9 29.9
279 22.5 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: BN034150.D
Acq: 22 Sep 2024 07:12

Tgt Ion:264 Resp: 11500
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 67.1 52.1 78.1

