

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034123.D
 Acq On : 21 Sep 2024 14:14
 Operator : JU/RC
 Sample : P4116-13
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917

Quant Time: Sep 22 23:58:54 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)

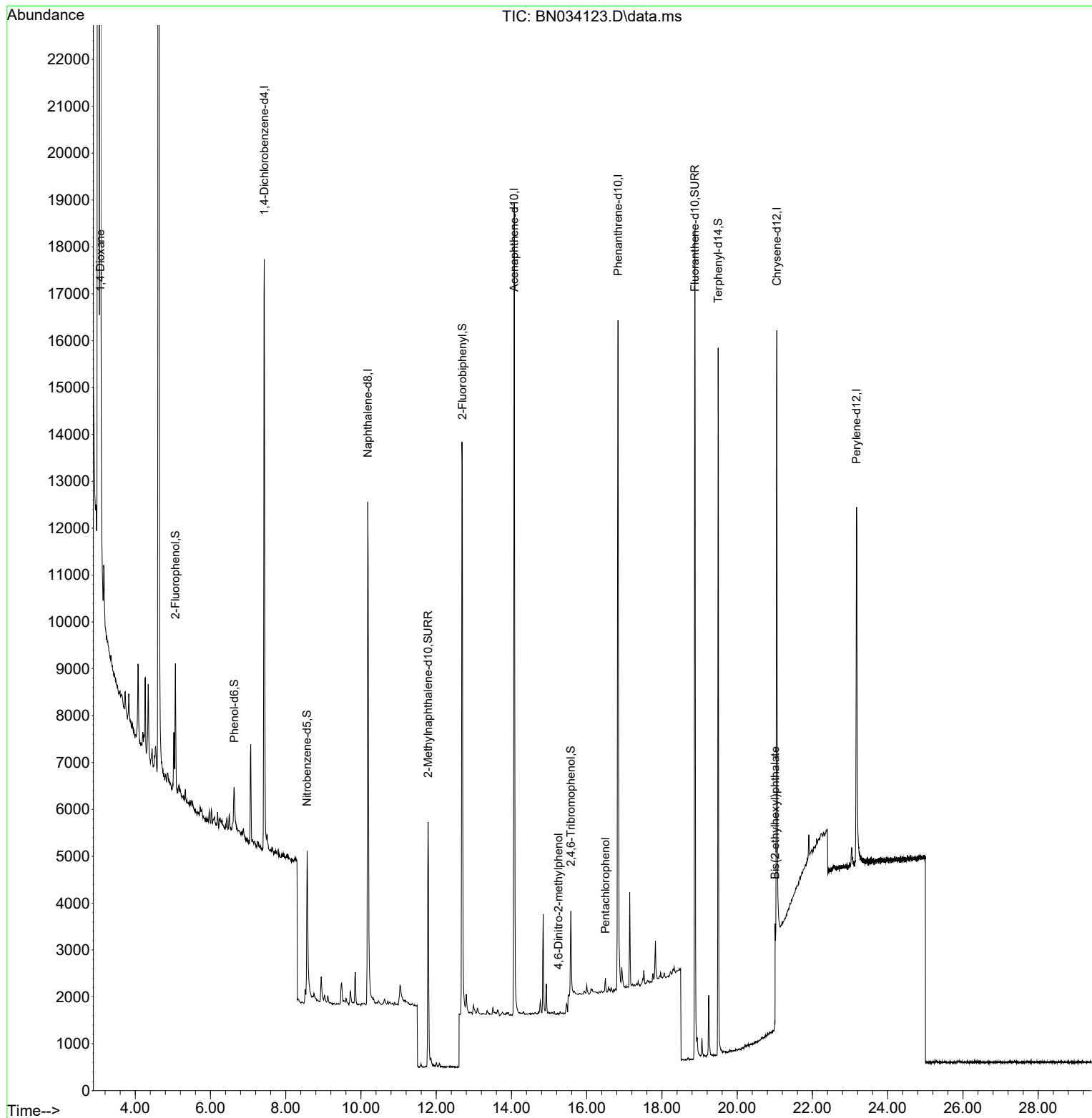
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5817	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	16165	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	9651	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20596	0.400	ng	0.00
29) Chrysene-d12	21.053	240	13619	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	10691	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2027	0.123	ng	0.00
5) Phenol-d6	6.629	99	1135	0.059	ng	0.00
8) Nitrobenzene-d5	8.568	82	3542	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7771	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1118	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	12753	0.325	ng	0.00
27) Fluoranthene-d10	18.876	212	20521	0.395	ng	-0.01
31) Terphenyl-d14	19.494	244	13690	0.503	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	37125	5.105	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.248	198	13	0.141	ng	# 1
24) Pentachlorophenol	16.498	266	160	0.037	ng	94
34) Bis(2-ethylhexyl)phtha...	21.008	149	987	0.055	ng	# 86

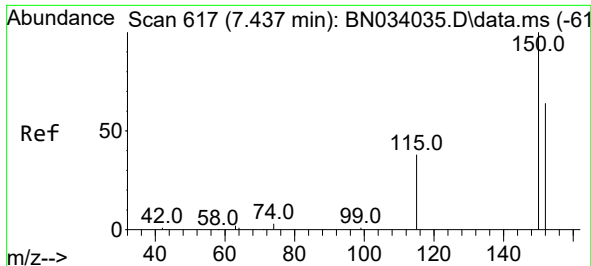
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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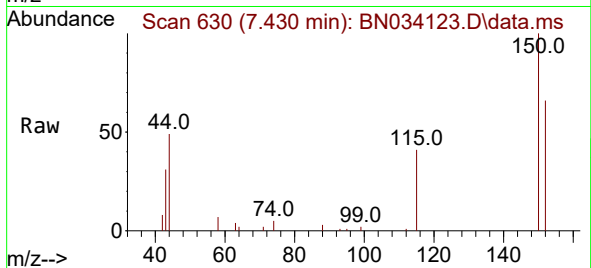
Quant Time: Sep 22 23:58:54 2024
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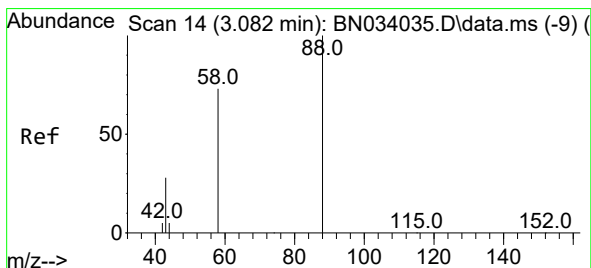
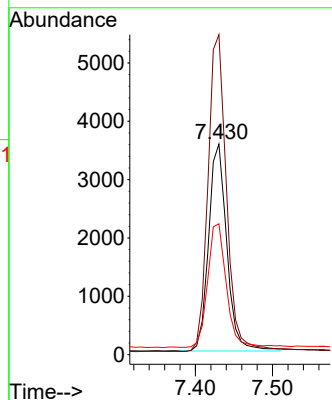
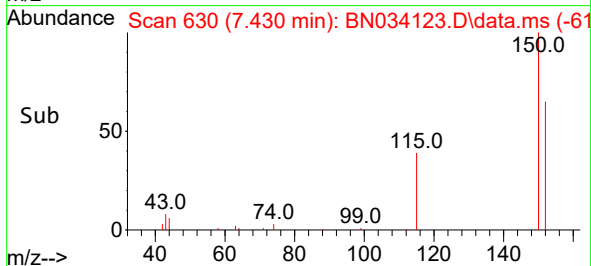


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034123.D
 Acq: 21 Sep 2024 14:14

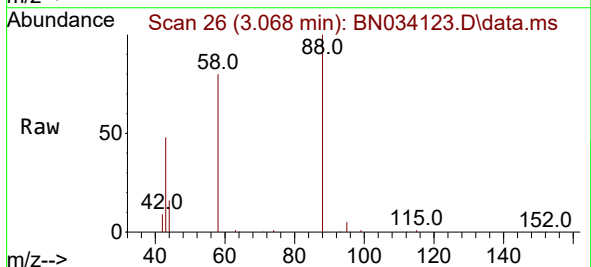
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917



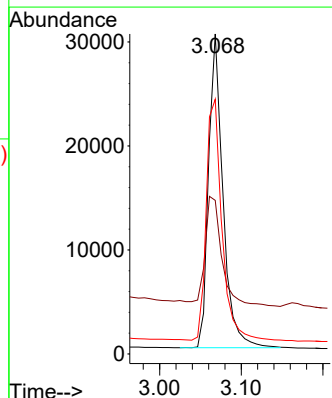
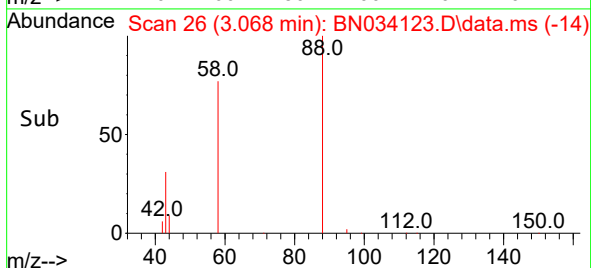
Tgt Ion:152 Resp: 5817
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.6 187.0
 115 62.1 50.0 75.0

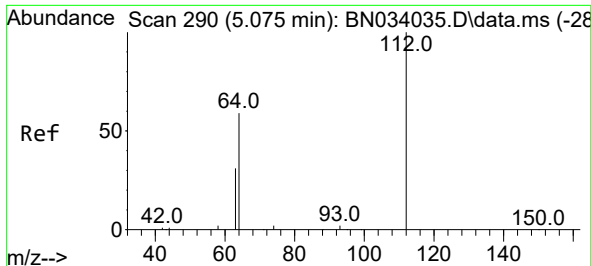


#2
 1,4-Dioxane
 Concen: 5.105 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034123.D
 Acq: 21 Sep 2024 14:14



Tgt Ion: 88 Resp: 37125
 Ion Ratio Lower Upper
 88 100
 43 41.2 25.8 38.8#
 58 83.0 58.8 88.2

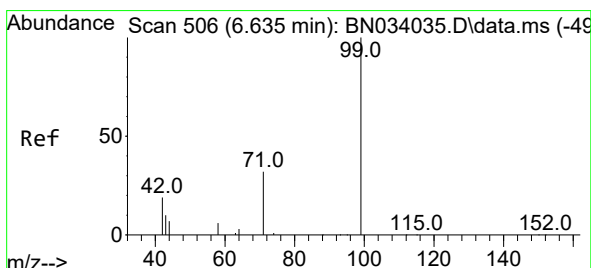
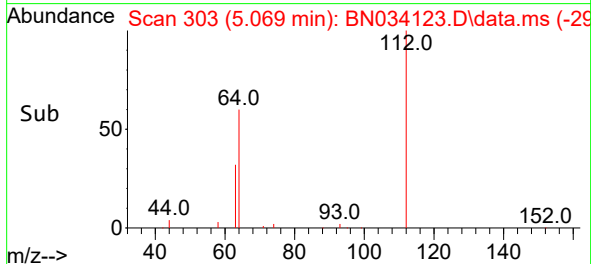
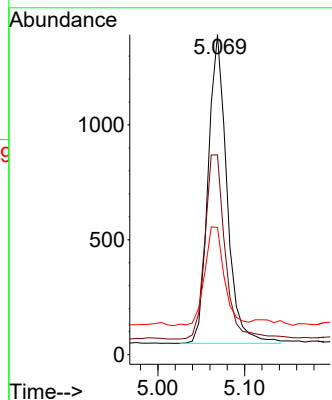
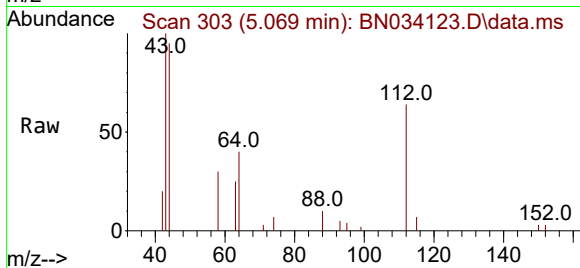




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

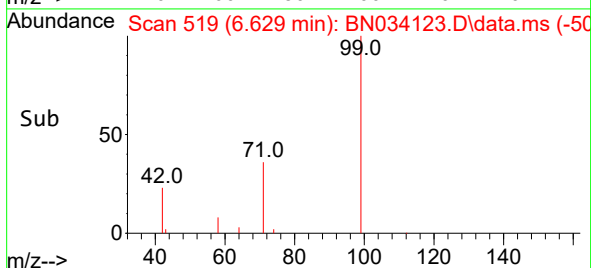
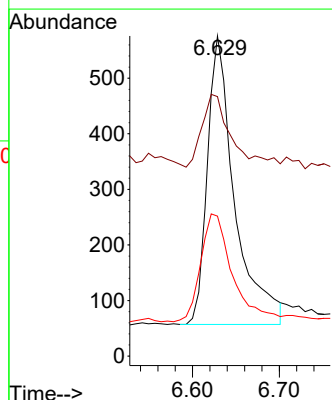
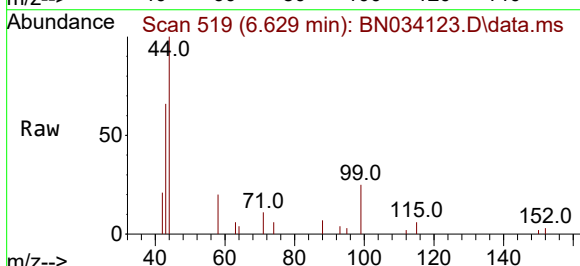
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917

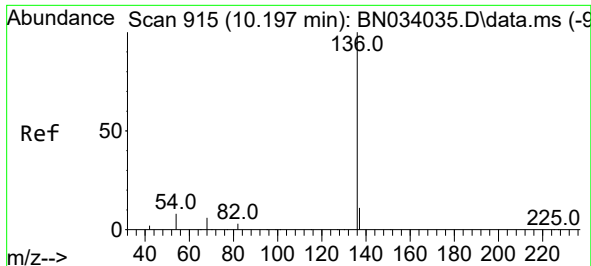
Tgt Ion:112 Resp: 2027
Ion Ratio Lower Upper
112 100
64 64.3 48.6 72.8
63 33.7 25.6 38.4



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

Tgt Ion: 99 Resp: 1135
Ion Ratio Lower Upper
99 100
42 27.1 17.8 26.8#
71 43.3 26.2 39.2#

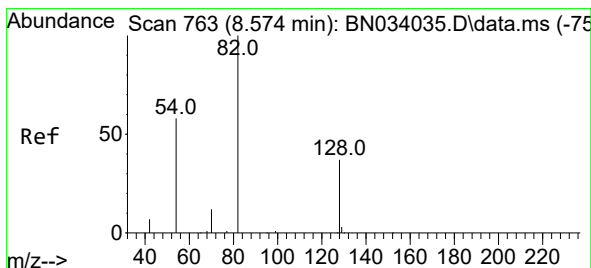
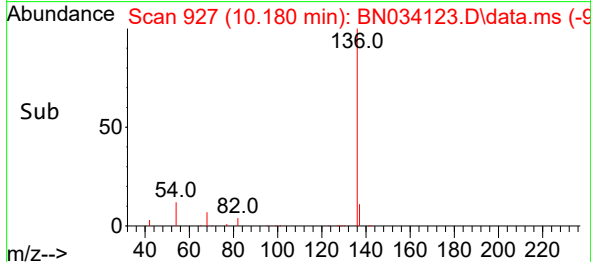
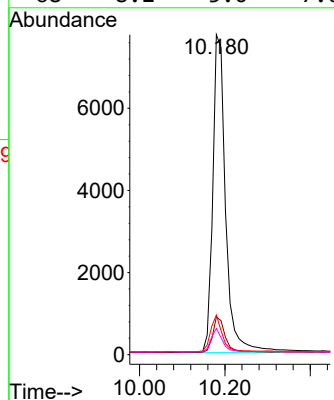
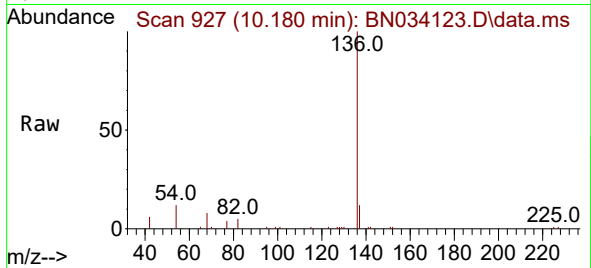




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

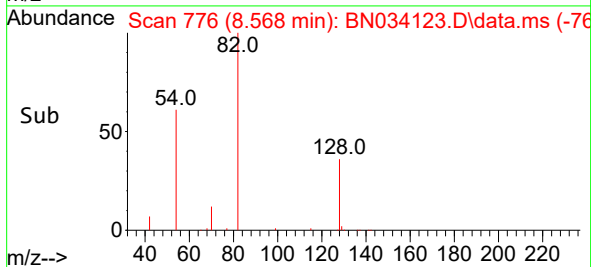
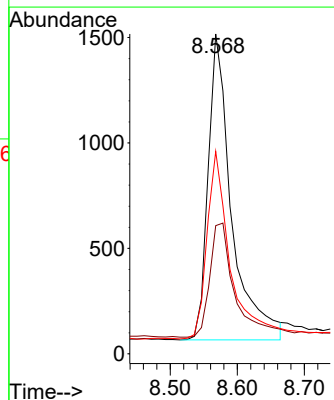
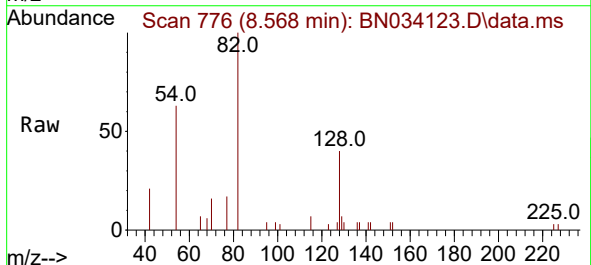
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917

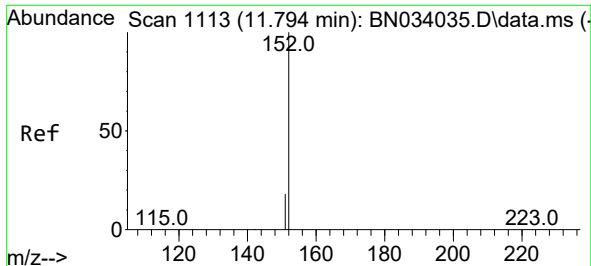
Tgt Ion:	136	Resp:	16165
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	12.4	6.8	10.2#
68	8.2	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

Tgt Ion:	82	Resp:	3542
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.4	47.2
54	63.3	47.4	71.0

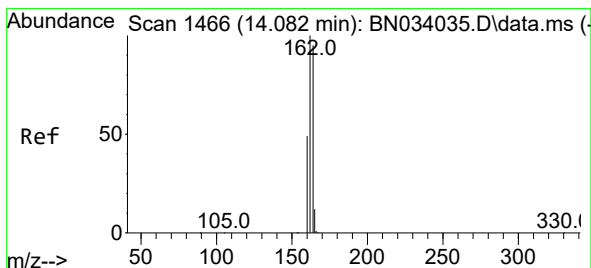
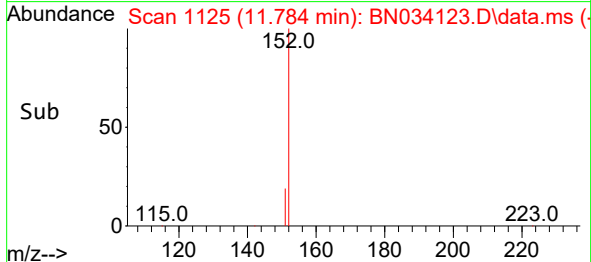
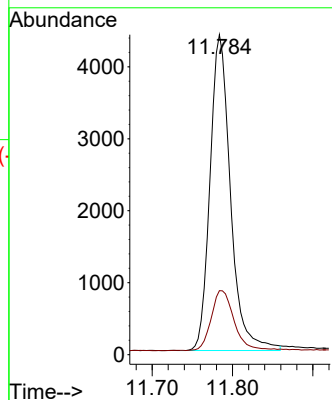
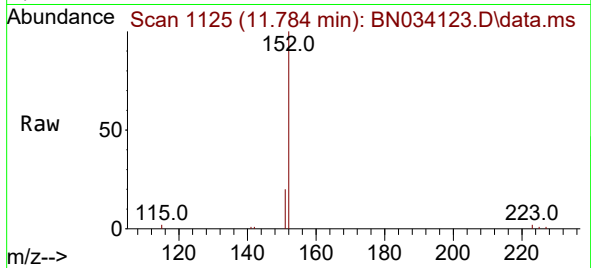




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

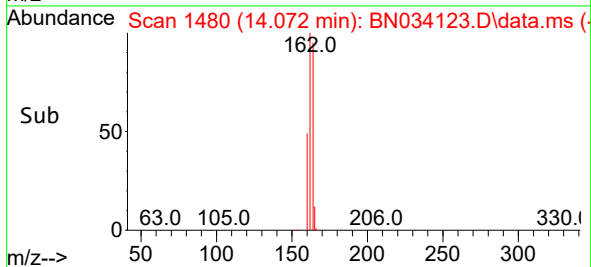
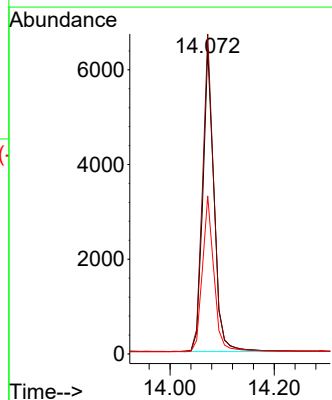
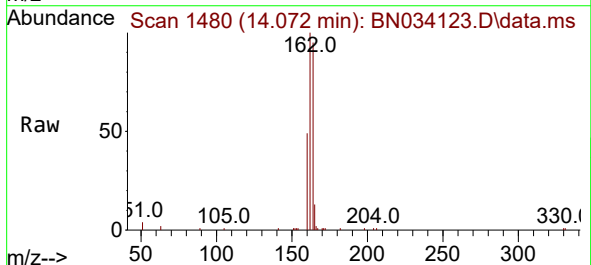
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917

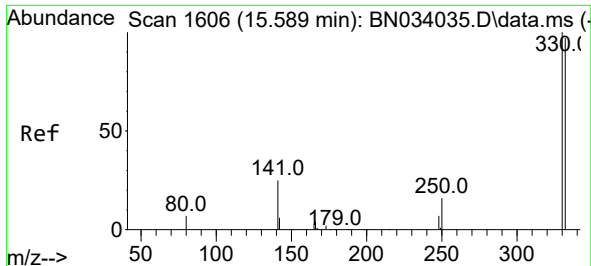
Tgt Ion:152 Resp: 7771
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

Tgt Ion:164 Resp: 9651
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 51.9 41.7 62.5

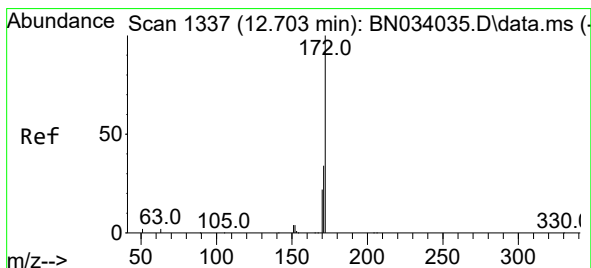
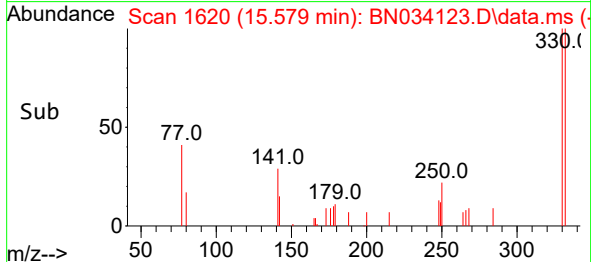
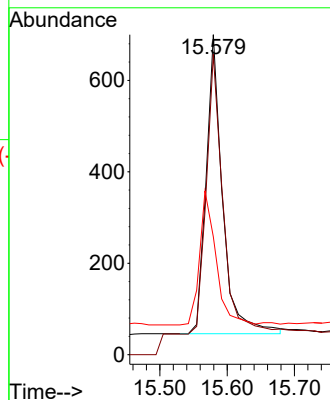
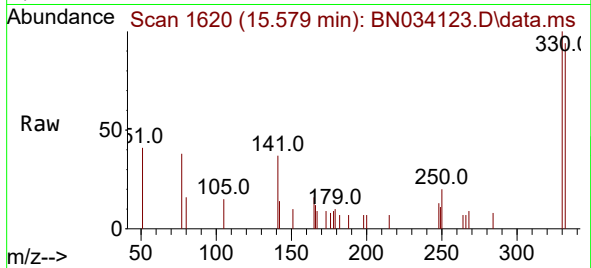




#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

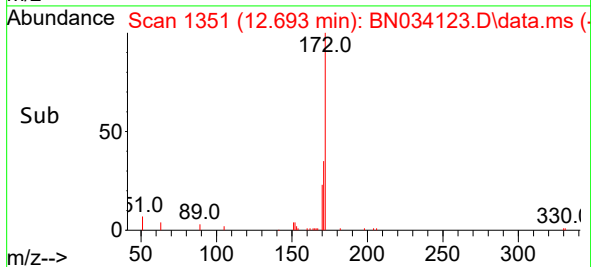
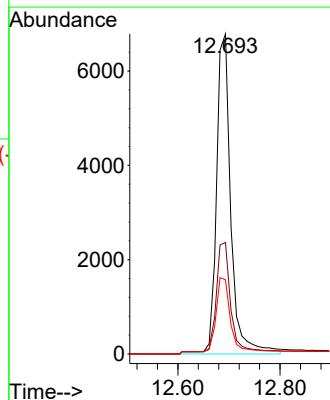
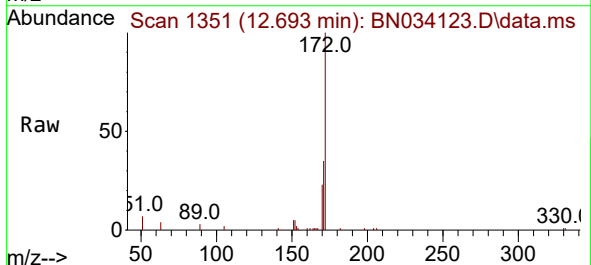
Instrument :
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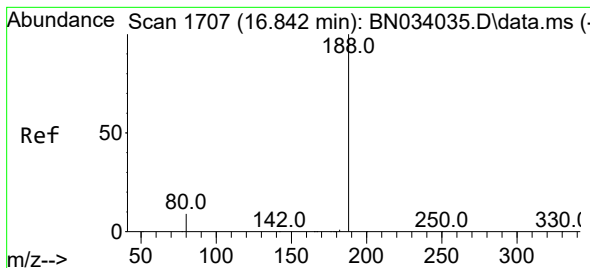
Tgt Ion:330 Resp: 1118
Ion Ratio Lower Upper
330 100
332 94.5 77.4 116.0
141 45.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034123.D
Acq: 21 Sep 2024 14:14

Tgt Ion:172 Resp: 12753
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034123.D

Acq: 21 Sep 2024 14:14

Instrument :

BNA_N

ClientSampleId :

RE125D1-20240917

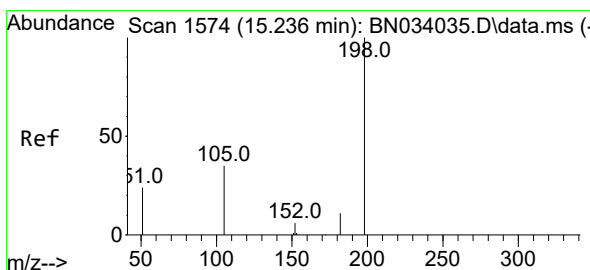
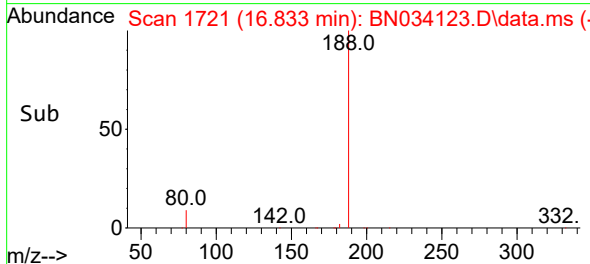
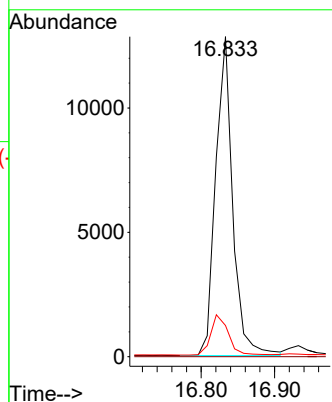
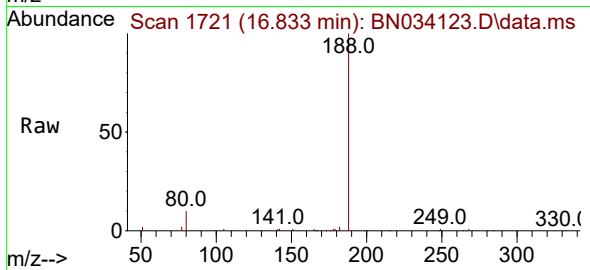
Tgt Ion:188 Resp: 20596

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 15.248 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BN034123.D

Acq: 21 Sep 2024 14:14

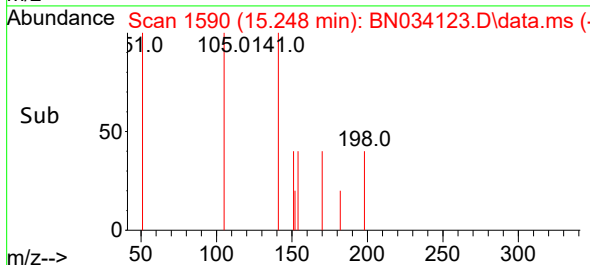
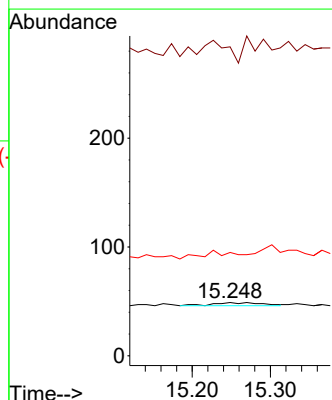
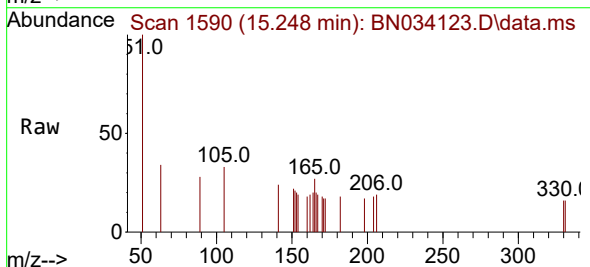
Tgt Ion:198 Resp: 13

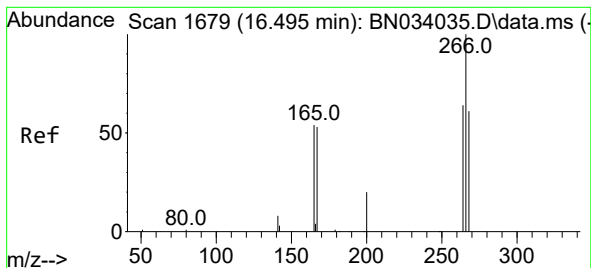
Ion Ratio Lower Upper

198 100

51 579.6 106.4 159.6#

105 193.9 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.037 ng

RT: 16.498 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034123.D

Acq: 21 Sep 2024 14:14

Instrument :

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ClientSampleId :

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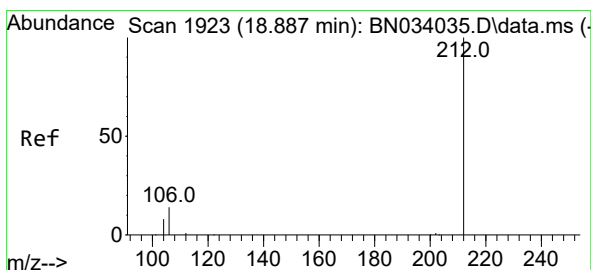
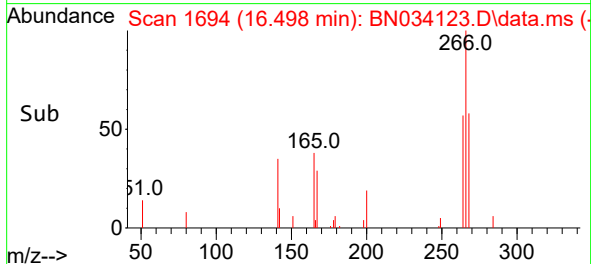
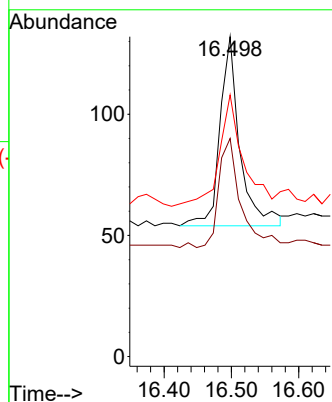
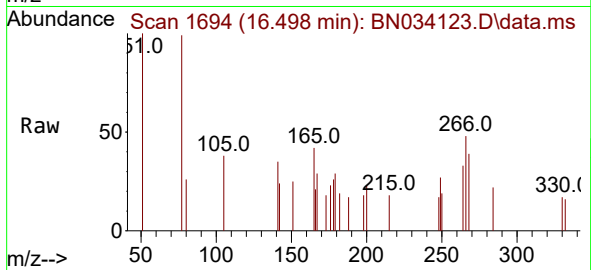
Tgt Ion:266 Resp: 160

Ion Ratio Lower Upper

266 100

264 65.0 50.2 75.2

268 70.0 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.395 ng

RT: 18.876 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BN034123.D

Acq: 21 Sep 2024 14:14

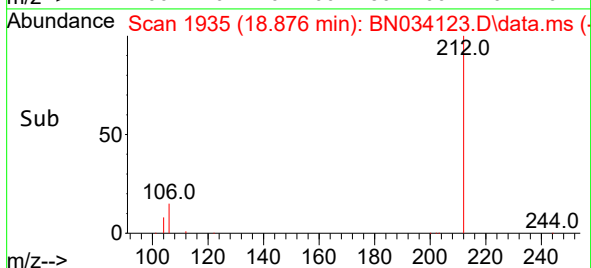
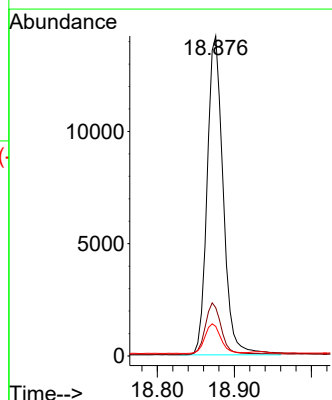
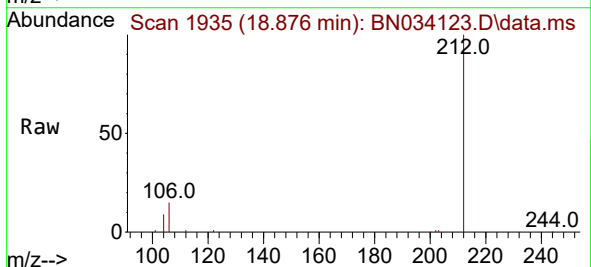
Tgt Ion:212 Resp: 20521

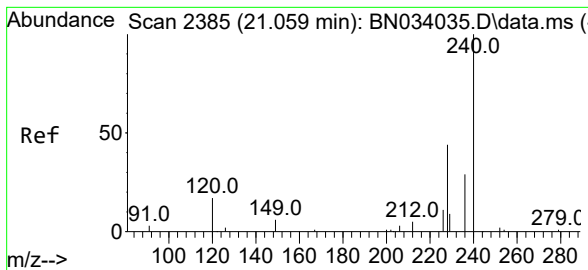
Ion Ratio Lower Upper

212 100

106 16.2 13.4 20.2

104 9.2 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: BN034123.D

Acq: 21 Sep 2024 14:14

Instrument :

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RE125D1-20240917

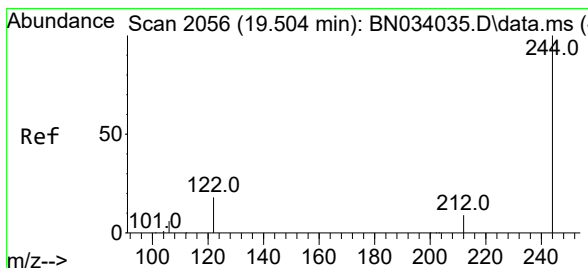
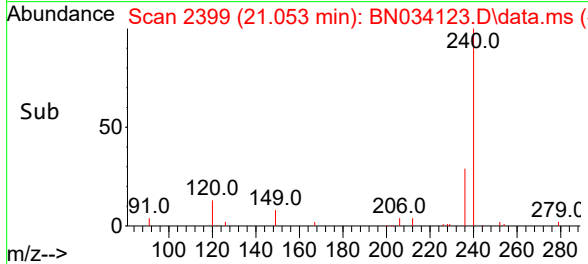
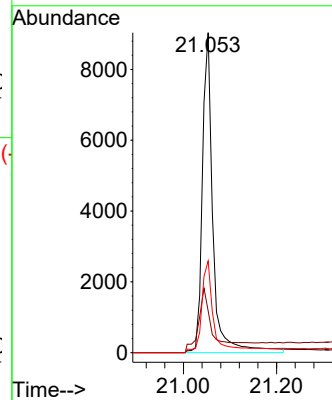
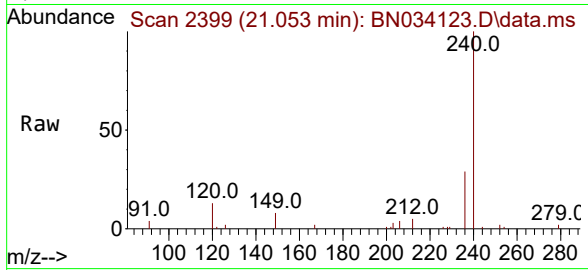
Tgt Ion:240 Resp: 13619

Ion Ratio Lower Upper

240 100

120 13.1 13.5 20.3#

236 28.7 23.4 35.0



#31

Terphenyl-d14

Concen: 0.503 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034123.D

Acq: 21 Sep 2024 14:14

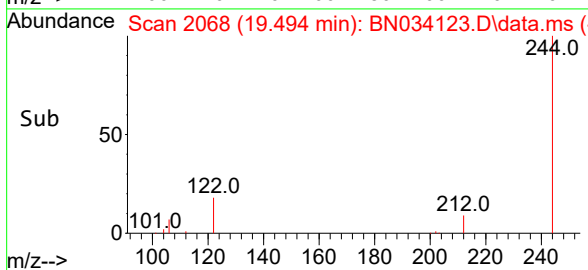
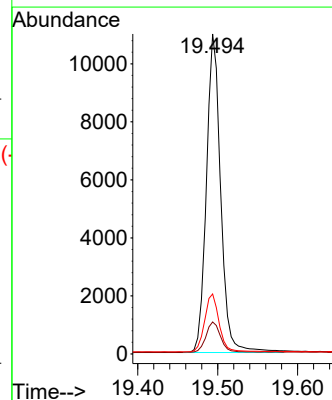
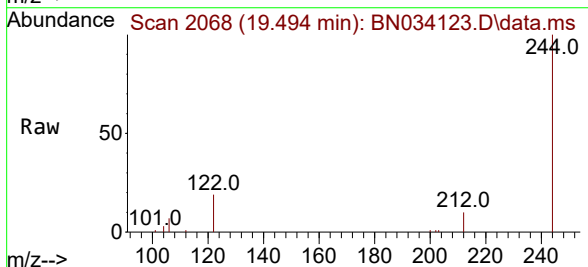
Tgt Ion:244 Resp: 13690

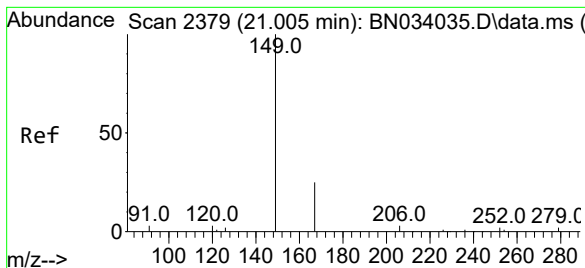
Ion Ratio Lower Upper

244 100

212 10.0 7.8 11.6

122 18.7 14.8 22.2

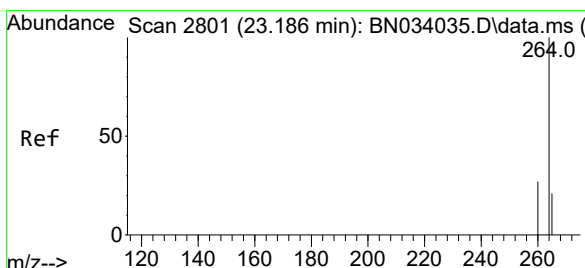
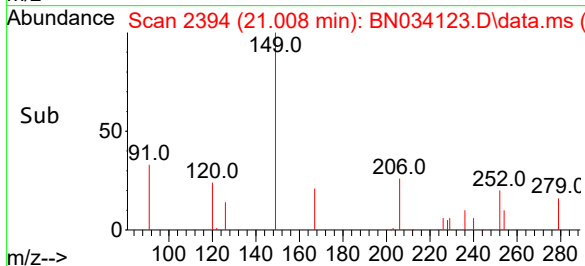
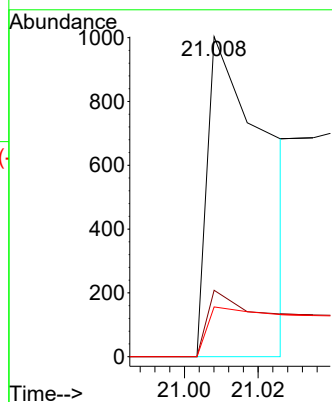
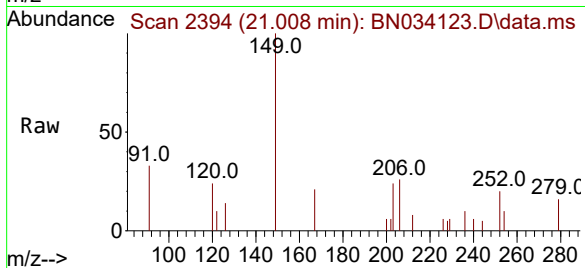




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.008 min Scan# 2100
 Delta R.T. 0.003 min
 Lab File: BN034123.D
 Acq: 21 Sep 2024 14:14

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917

Tgt Ion:149 Resp: 987
 Ion Ratio Lower Upper
 149 100
 167 27.0 19.9 29.9
 279 24.5 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 2812
 Delta R.T. -0.015 min
 Lab File: BN034123.D
 Acq: 21 Sep 2024 14:14

Tgt Ion:264 Resp: 10691
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.7 32.5
 265 76.4 52.1 78.1

