

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034147.D
 Acq On : 22 Sep 2024 05:24
 Operator : JU/RC
 Sample : P4116-01
 Misc :
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20240916

Quant Time: Sep 23 00:03:49 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)

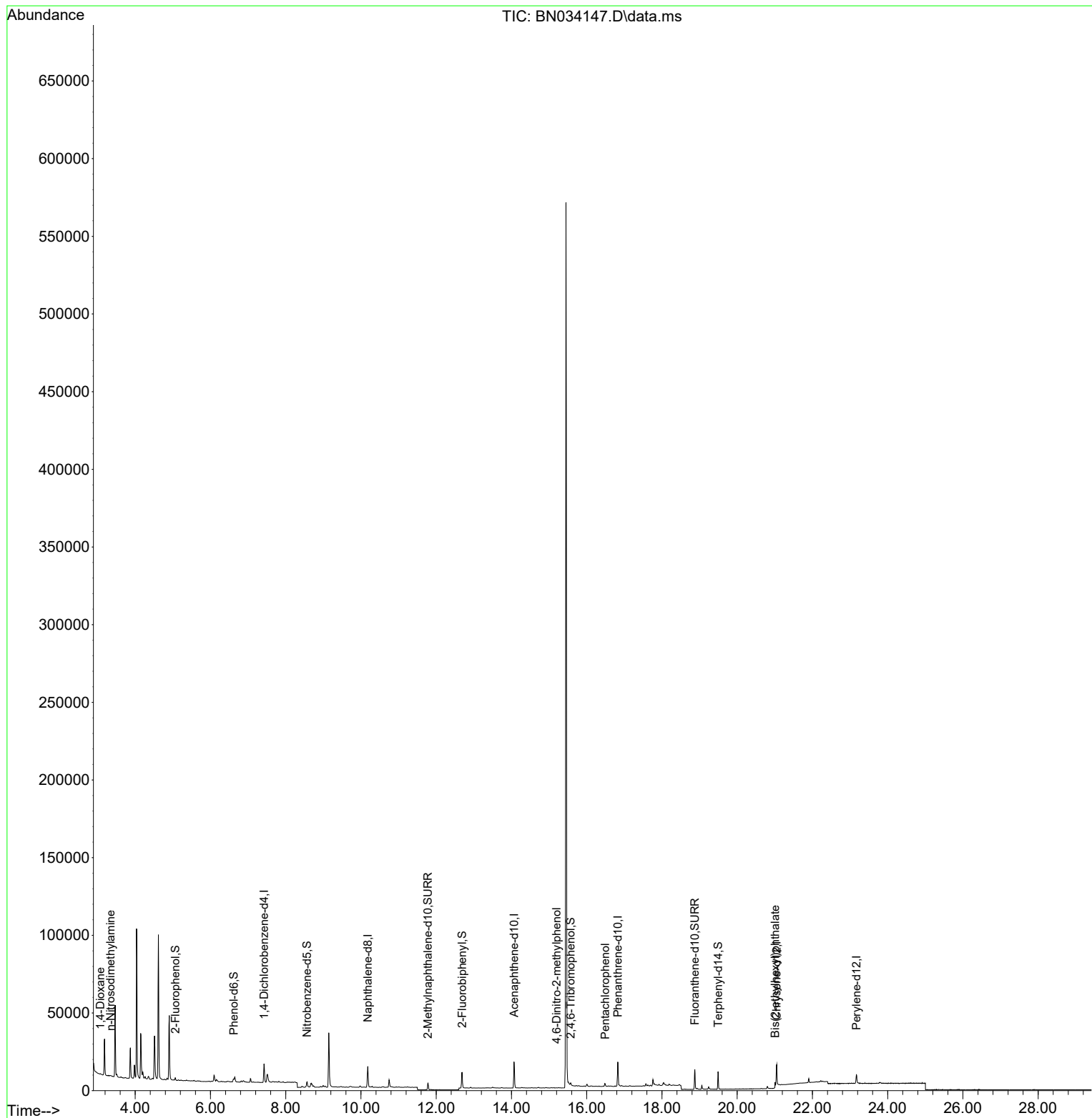
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5666	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16638	0.400	ng	-0.02
13) Acenaphthene-d10	14.069	164	9359	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	20406	0.400	ng	#-0.01
29) Chrysene-d12	21.050	240	13402	0.400	ng	# 0.00
35) Perylene-d12	23.169	264	7153	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1264	0.079	ng	0.00
5) Phenol-d6	6.621	99	1077	0.058	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3171	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	5961	0.243	ng	-0.01
14) 2,4,6-Tribromophenol	15.574	330	778	0.183	ng	-0.01
15) 2-Fluorobiphenyl	12.689	172	10018	0.263	ng	-0.01
27) Fluoranthene-d10	18.873	212	13823	0.268	ng	-0.01
31) Terphenyl-d14	19.491	244	10154	0.379	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	313	0.044	ng	# 44
3) n-Nitrosodimethylamine	3.343	42	318	0.039	ng	# 2
20) 4,6-Dinitro-2-methylph...	15.202	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.492	266	1087	0.256	ng	98
34) Bis(2-ethylhexyl)phtha...	21.006	149	1944	0.110	ng	# 87

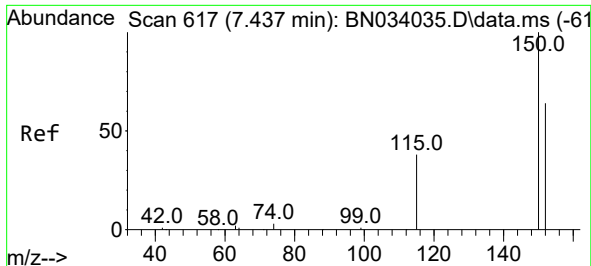
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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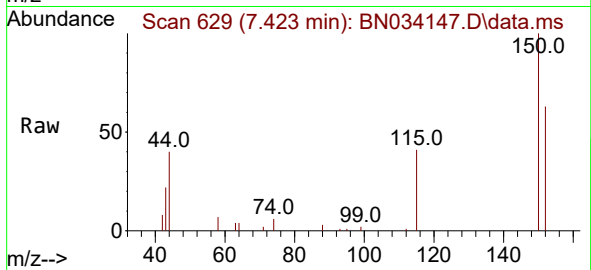
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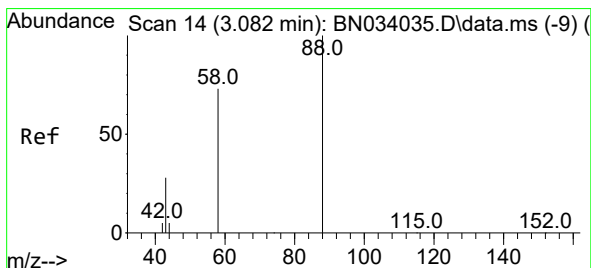
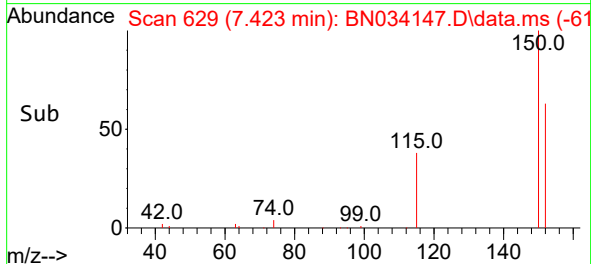
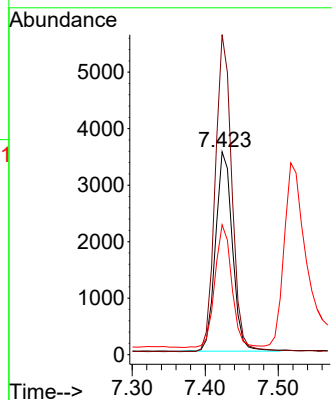


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034147.D
 Acq: 22 Sep 2024 05:24

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20240916

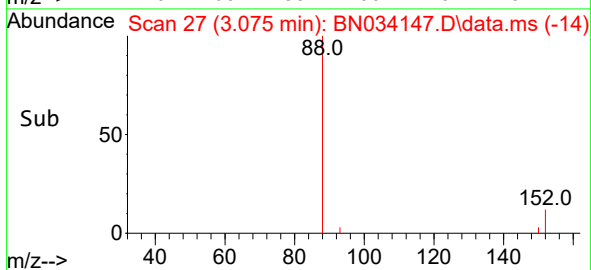
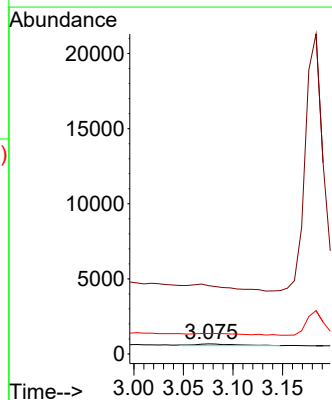
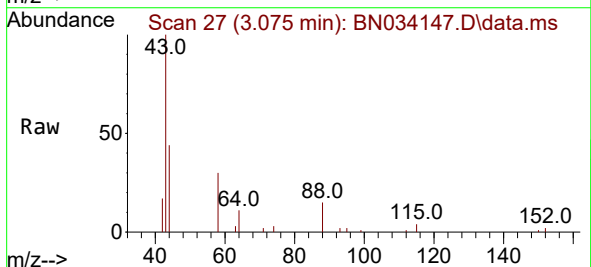


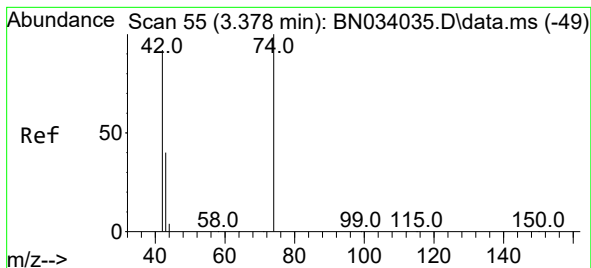
Tgt Ion:152 Resp: 5666
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 187.0
 115 64.0 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.044 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034147.D
 Acq: 22 Sep 2024 05:24

Tgt Ion: 88 Resp: 313
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.8#
 58 120.4 58.8 88.2#





#3

n-Nitrosodimethylamine

Concen: 0.039 ng

RT: 3.343 min Scan# 64

Delta R.T. -0.035 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

Instrument :

BNA_N

ClientSampleId :

RE123D3-20240916

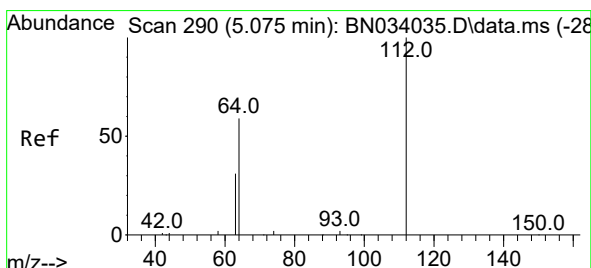
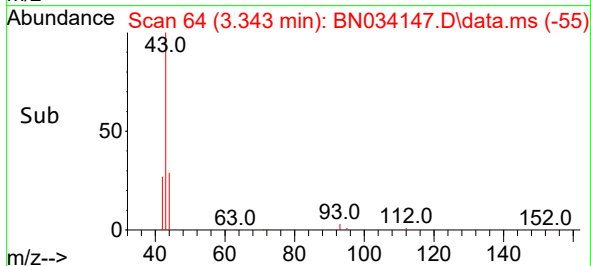
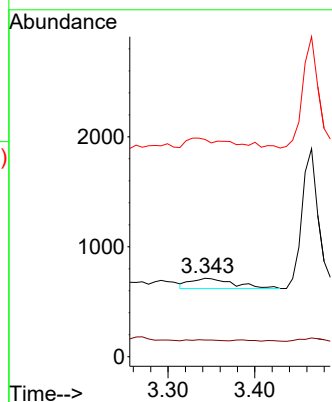
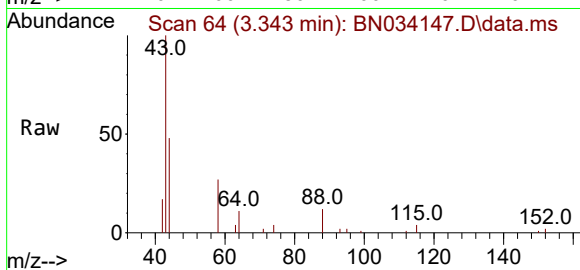
Tgt Ion: 42 Resp: 318

Ion Ratio Lower Upper

42 100

74 6.9 94.6 142.0#

44 47.5 12.4 18.6#



#4

2-Fluorophenol

Concen: 0.079 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

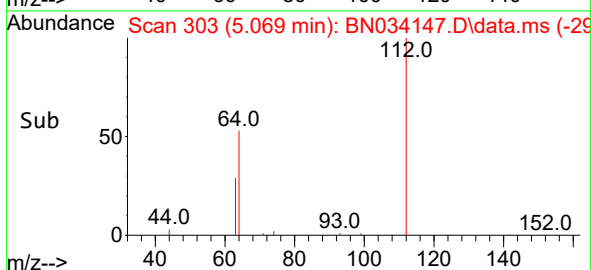
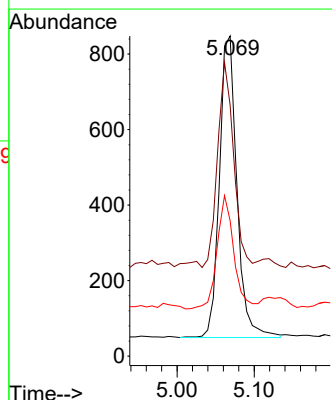
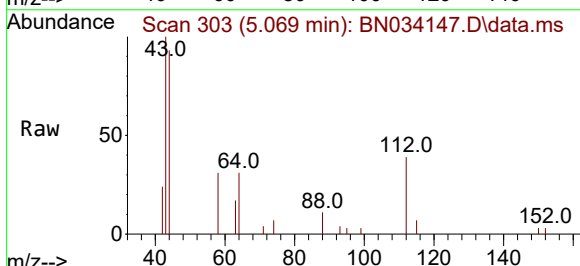
Tgt Ion: 112 Resp: 1264

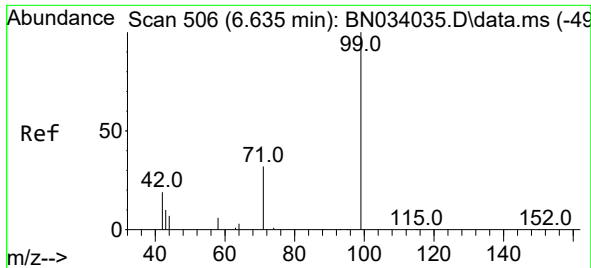
Ion Ratio Lower Upper

112 100

64 62.1 48.6 72.8

63 35.5 25.6 38.4

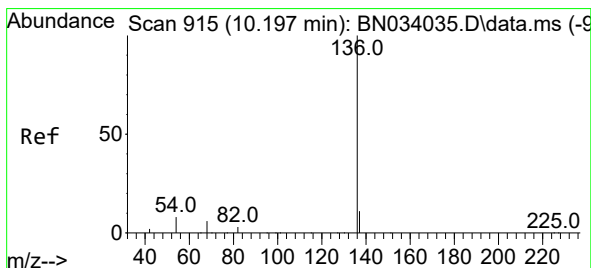
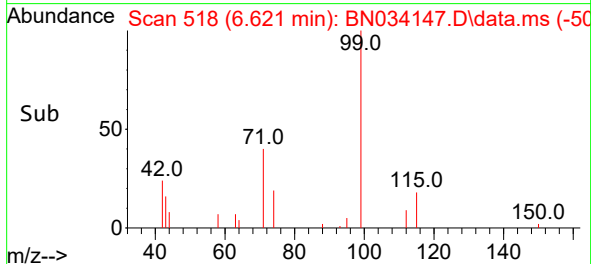
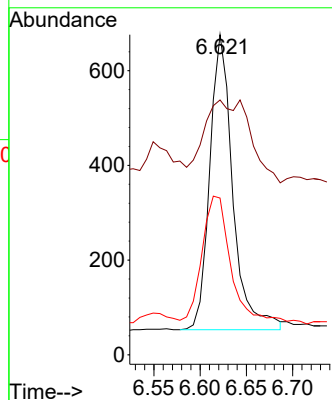
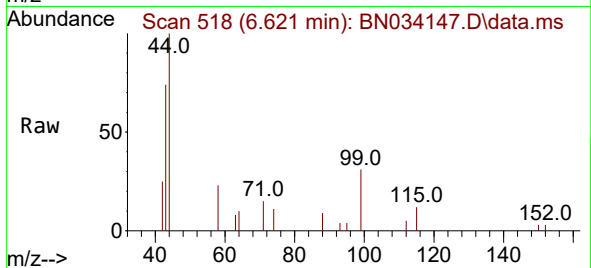




#5
Phenol-d6
Concen: 0.058 ng
RT: 6.621 min Scan# 518
Delta R.T. -0.014 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

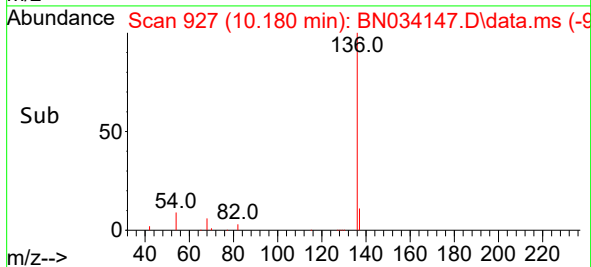
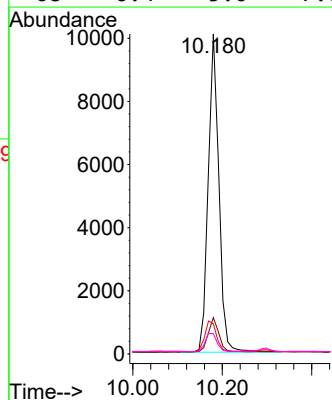
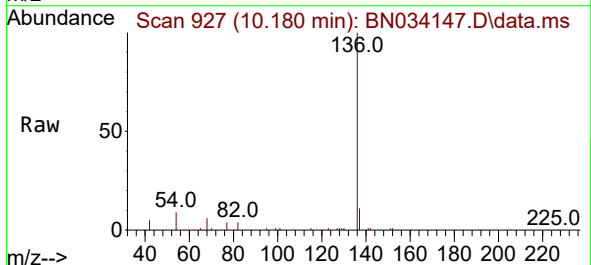
Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916

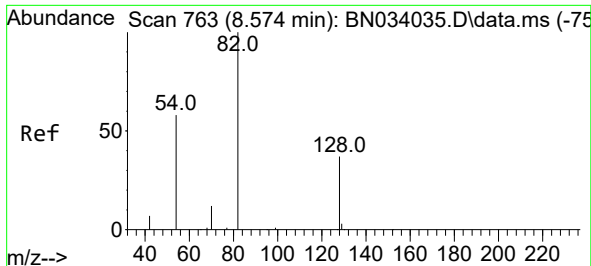
Tgt Ion: 99 Resp: 1077
Ion Ratio Lower Upper
99 100
42 56.2 17.8 26.8#
71 51.2 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion: 136 Resp: 16638
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 6.8 10.2
68 6.4 5.0 7.6

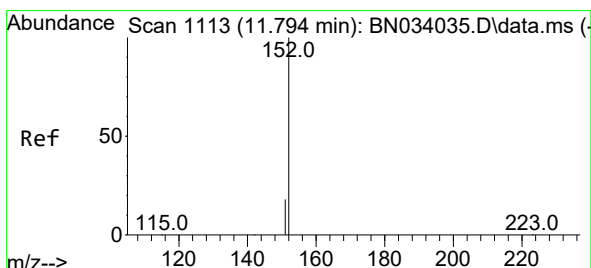
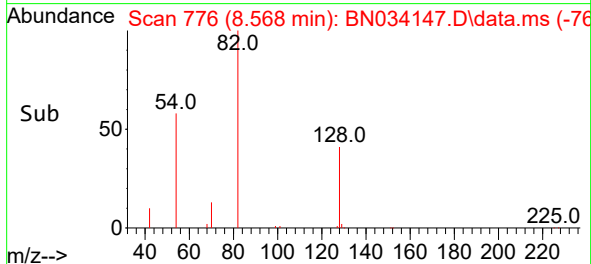
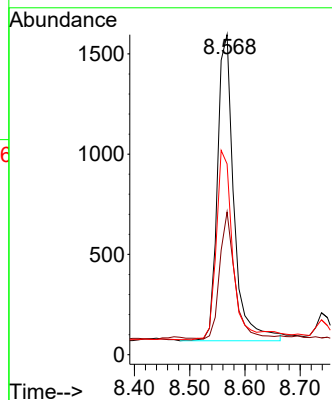
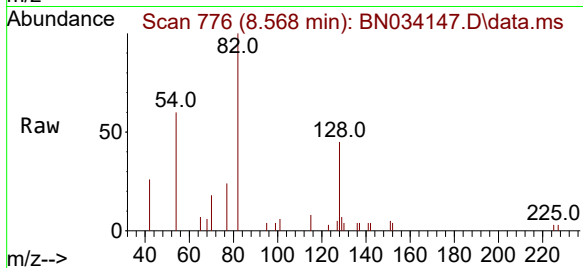




#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

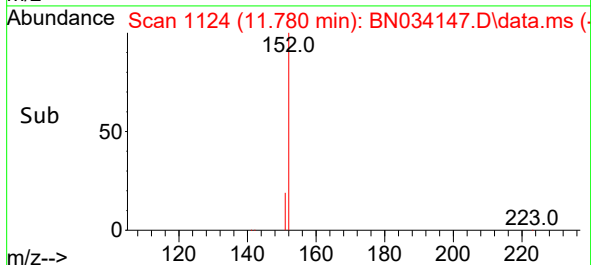
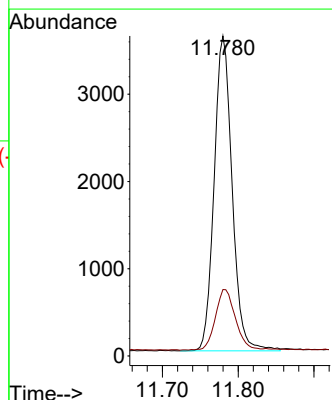
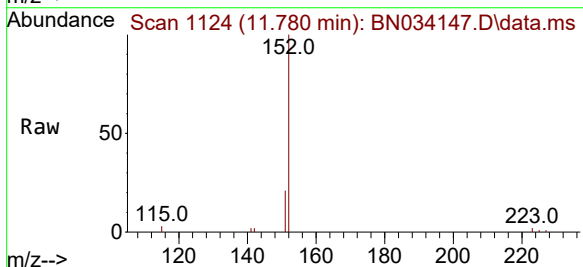
Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916

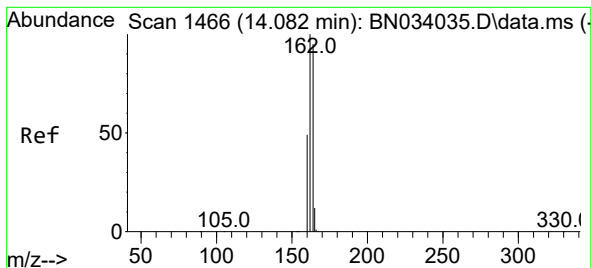
Tgt Ion: 82 Resp: 3171
Ion Ratio Lower Upper
82 100
128 44.6 31.4 47.2
54 59.6 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 11.780 min Scan# 1124
Delta R.T. -0.014 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion:152 Resp: 5961
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.069 min Scan# 1466

Delta R.T. -0.013 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

Instrument :

BNA_N

ClientSampleId :

RE123D3-20240916

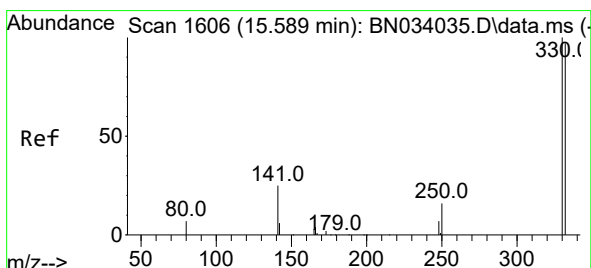
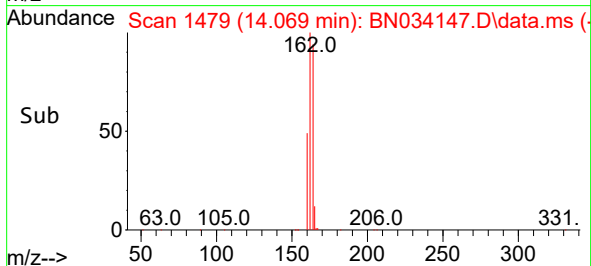
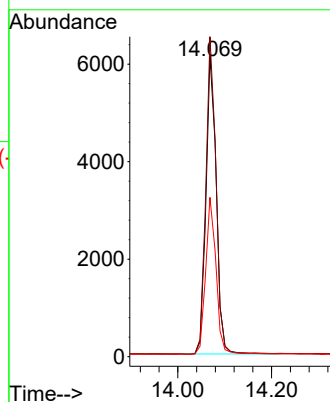
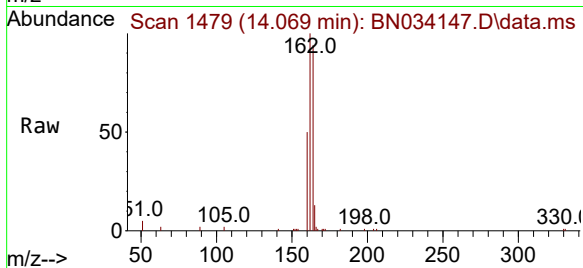
Tgt Ion:164 Resp: 9359

Ion Ratio Lower Upper

164 100

162 106.3 84.2 126.2

160 52.9 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.183 ng

RT: 15.574 min Scan# 1619

Delta R.T. -0.015 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

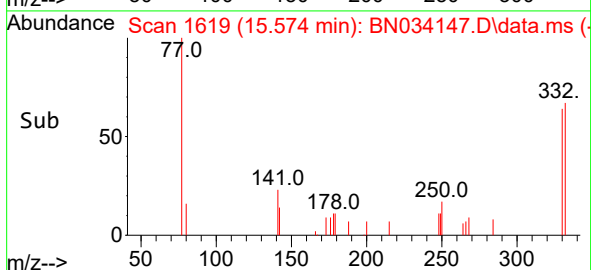
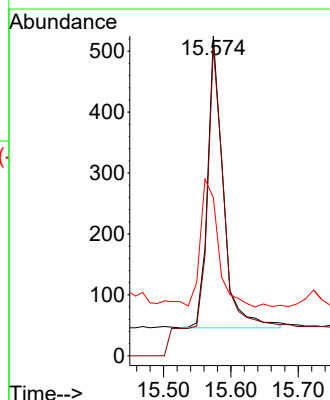
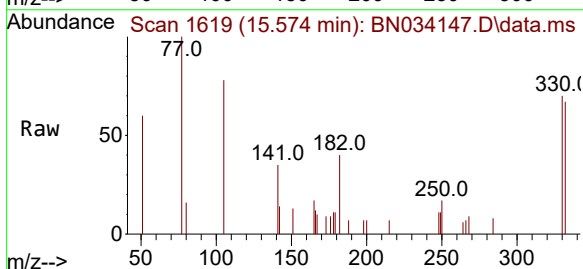
Tgt Ion:330 Resp: 778

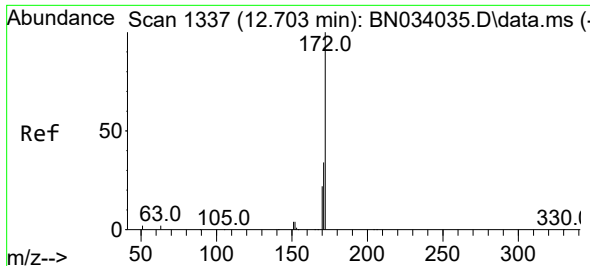
Ion Ratio Lower Upper

330 100

332 155.4 77.4 116.0#

141 49.9 35.9 53.9

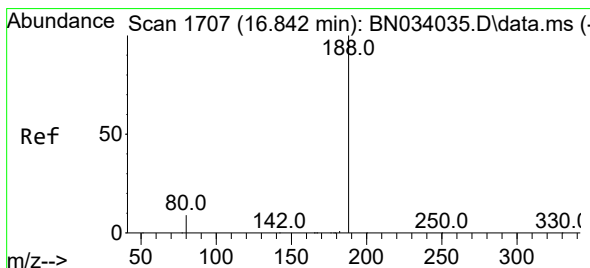
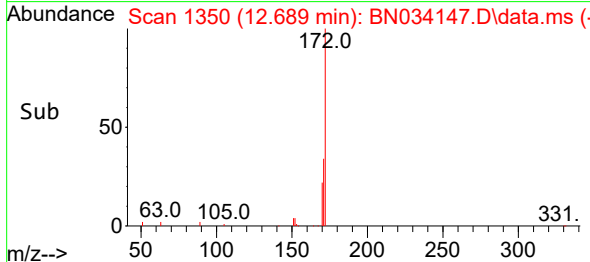
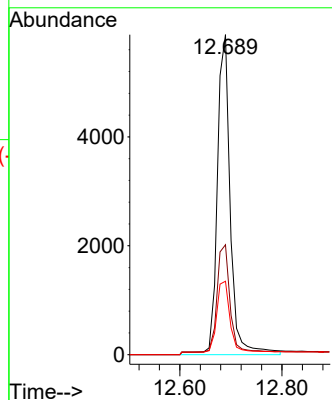
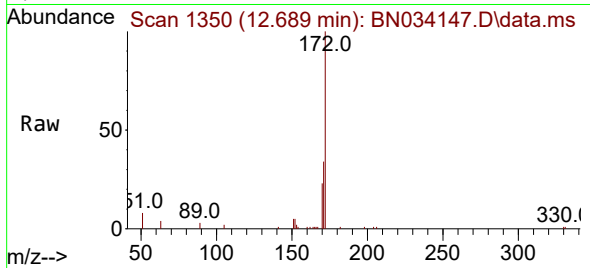




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.689 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

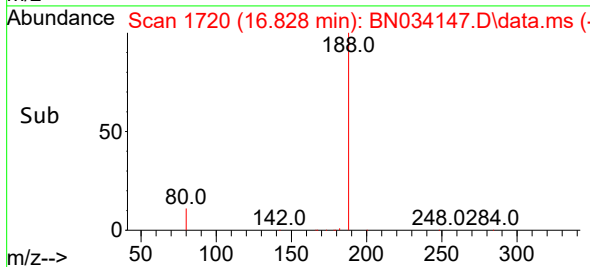
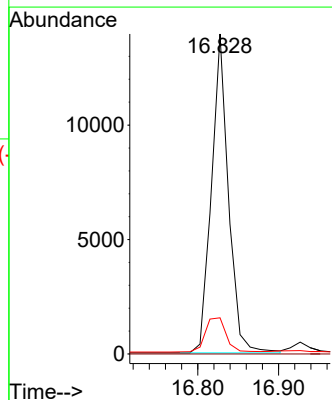
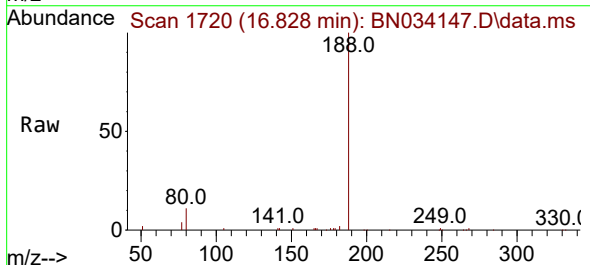
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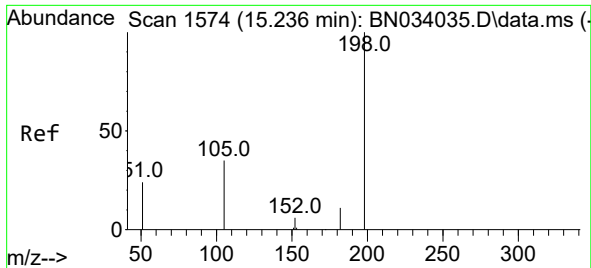
Tgt Ion:172 Resp: 10018
Ion Ratio Lower Upper
172 100
171 34.3 27.3 40.9
170 23.0 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 1720
Delta R.T. -0.015 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion:188 Resp: 20406
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.0#

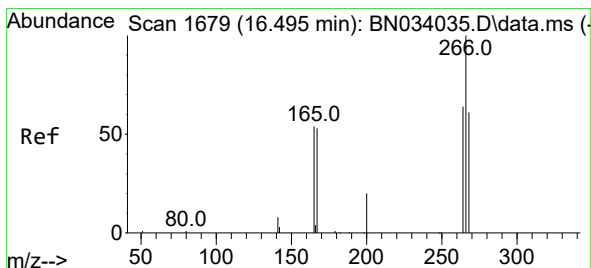
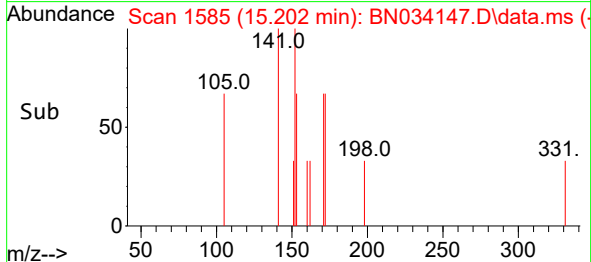
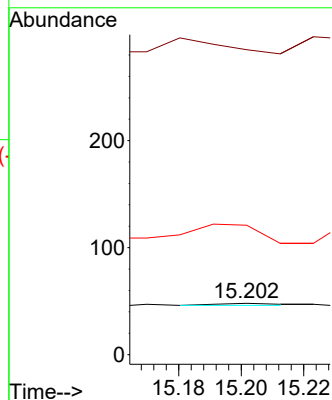
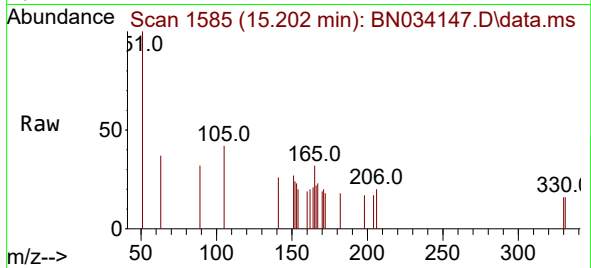




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.202 min Scan# 1585
Delta R.T. -0.034 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

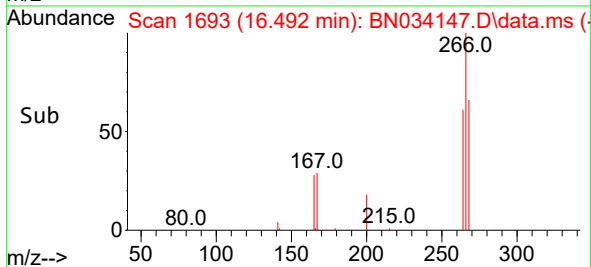
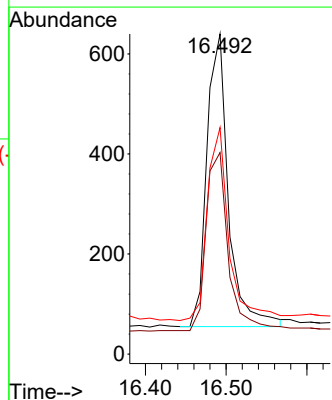
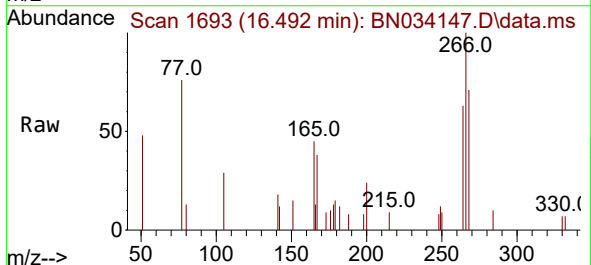
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RE123D3-20240916

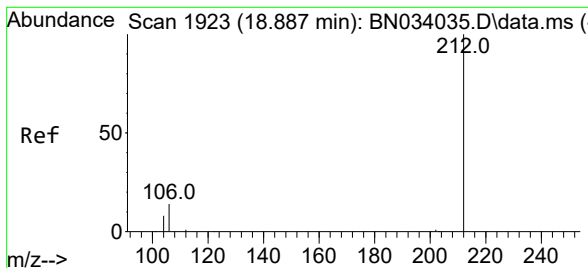
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 593.8 106.4 159.6#
105 252.1 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.256 ng
RT: 16.492 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion:266 Resp: 1087
Ion Ratio Lower Upper
266 100
264 63.8 50.2 75.2
268 66.4 51.0 76.4





#27

Fluoranthene-d10

Concen: 0.268 ng

RT: 18.873 min Scan# 1923

Delta R.T. -0.013 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

Instrument :

BNA_N

ClientSampleId :

RE123D3-20240916

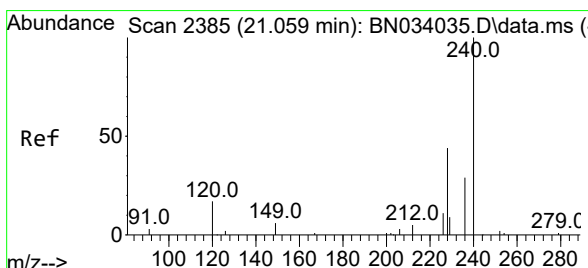
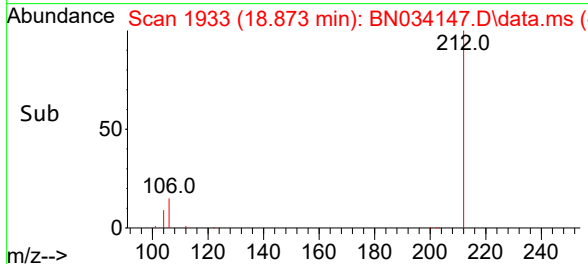
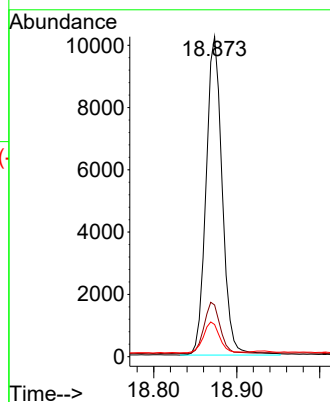
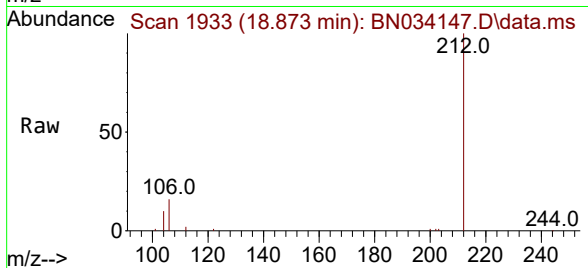
Tgt Ion:212 Resp: 13823

Ion Ratio Lower Upper

212 100

106 16.1 13.4 20.2

104 9.7 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.050 min Scan# 2397

Delta R.T. -0.008 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

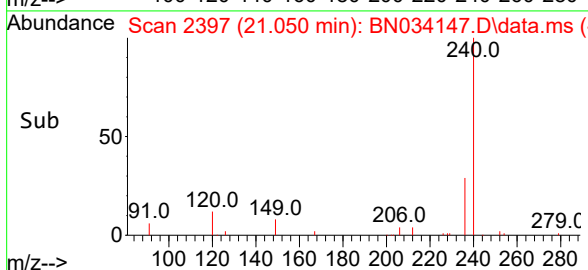
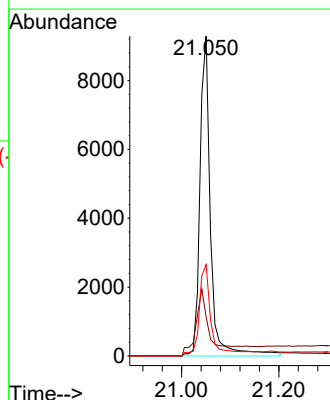
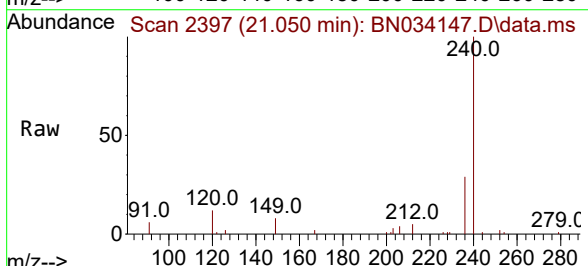
Tgt Ion:240 Resp: 13402

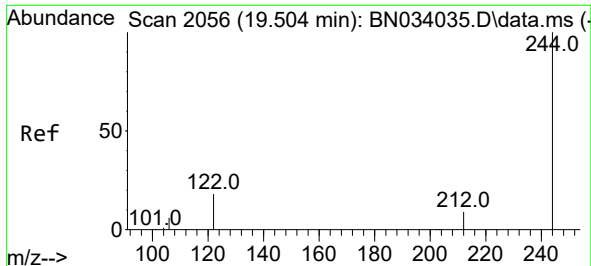
Ion Ratio Lower Upper

240 100

120 12.2 13.5 20.3#

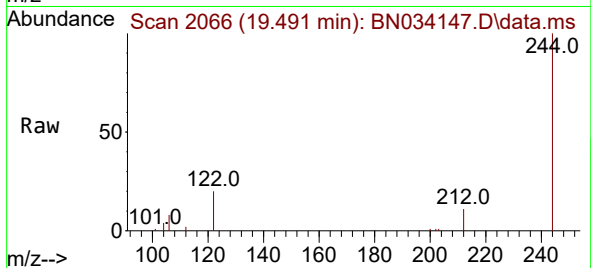
236 28.6 23.4 35.0



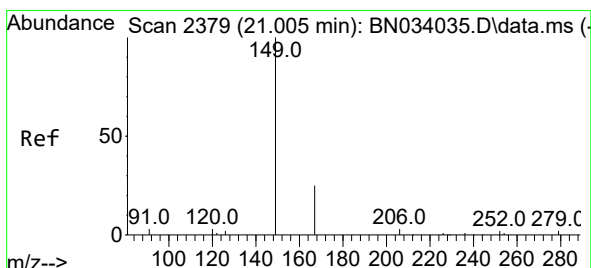
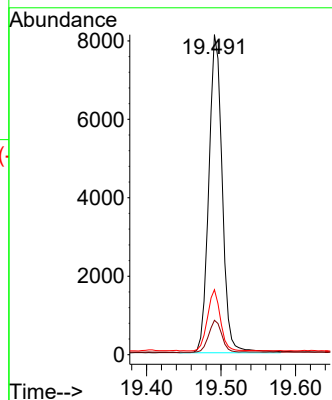
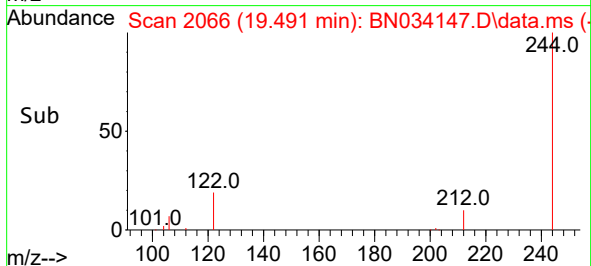


#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.491 min Scan# 2066
Delta R.T. -0.013 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916

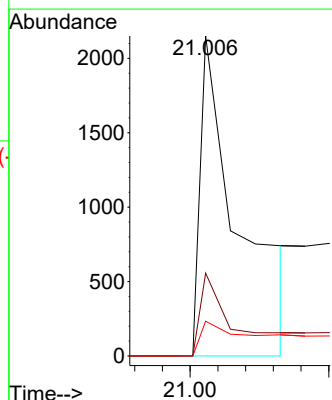
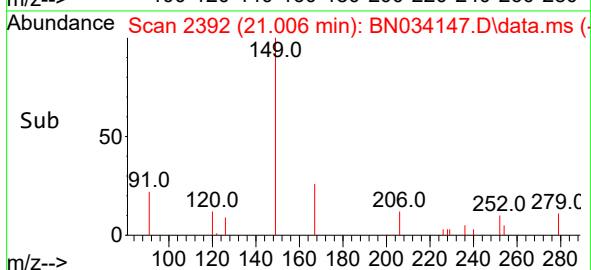
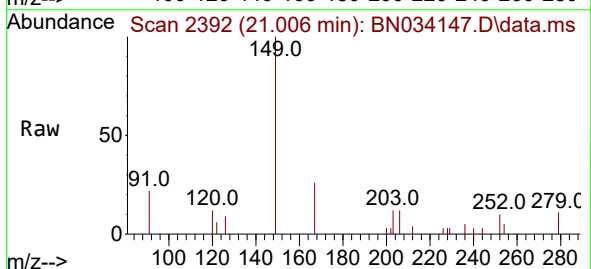


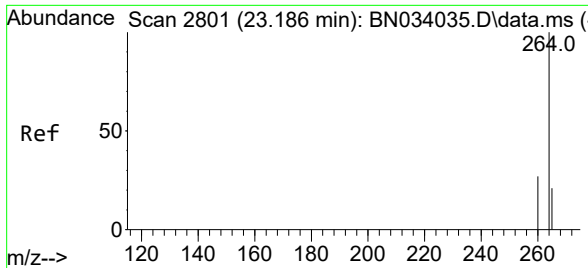
Tgt Ion:244 Resp: 10154
Ion Ratio Lower Upper
244 100
212 10.8 7.8 11.6
122 20.3 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.006 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

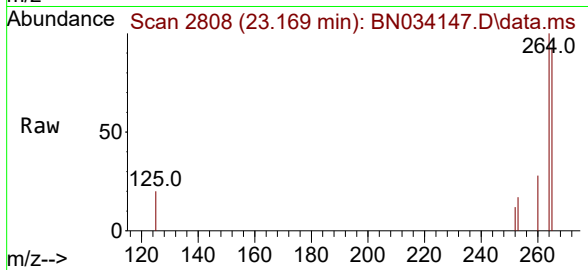
Tgt Ion:149 Resp: 1944
Ion Ratio Lower Upper
149 100
167 18.7 19.9 29.9#
279 10.9 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.169 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916



Tgt Ion:264 Resp: 7153
Ion Ratio Lower Upper
264 100
260 28.3 21.7 32.5
265 92.0 52.1 78.1#

