

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034063.D
 Acq On : 20 Sep 2024 00:32
 Operator : JU/RC
 Sample : P4003-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240912

Quant Time: Sep 20 02:32:00 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)

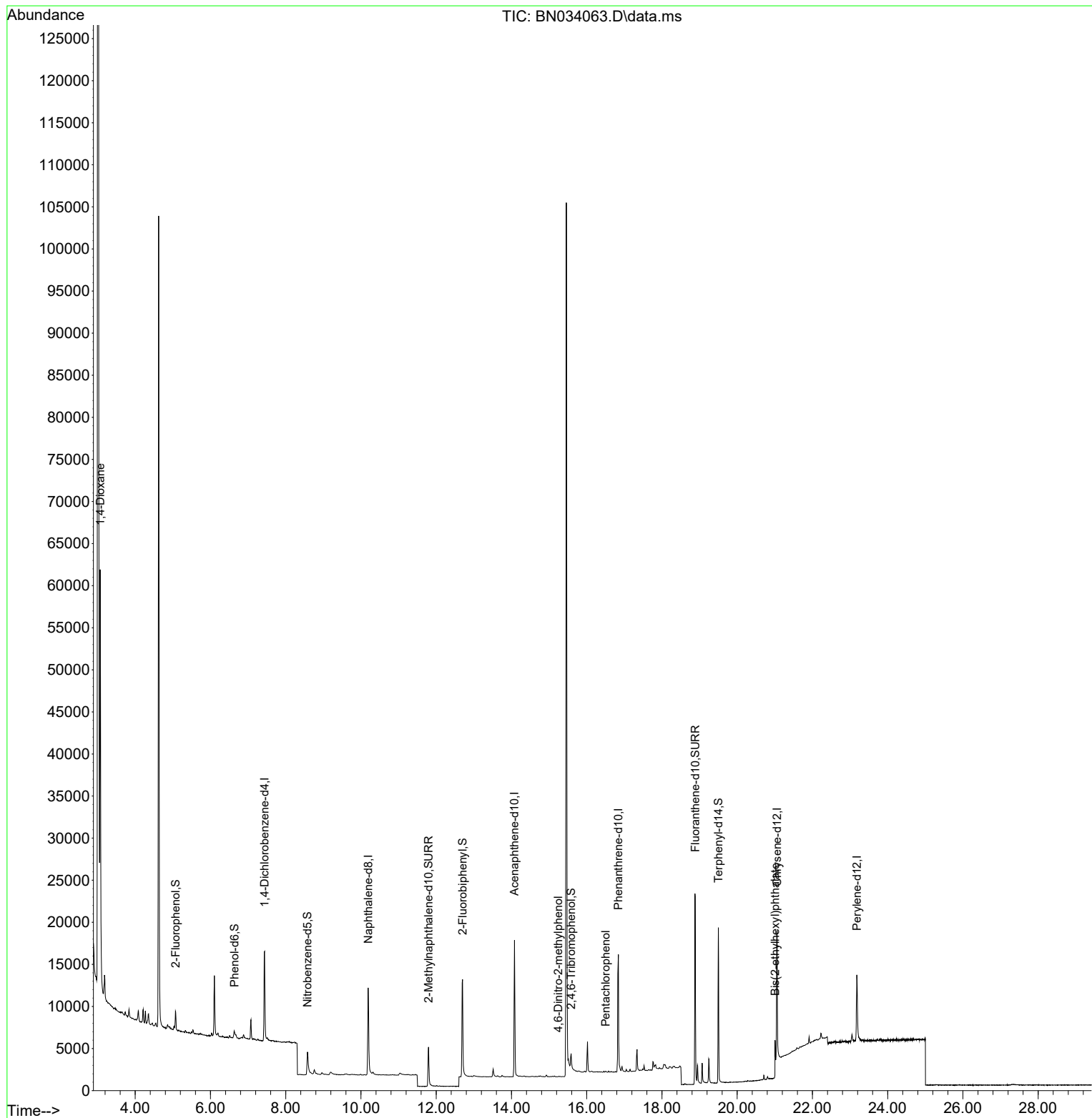
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5386	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15223	0.400	ng	# 0.00
13) Acenaphthene-d10	14.080	164	8902	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	20717	0.400	ng	0.00
29) Chrysene-d12	21.060	240	16565	0.400	ng	# 0.00
35) Perylene-d12	23.181	264	11088	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1793	0.117	ng	0.00
5) Phenol-d6	6.636	99	1016	0.057	ng	0.00
8) Nitrobenzene-d5	8.579	82	3302	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	7557	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1076	0.267	ng	0.00
15) 2-Fluorobiphenyl	12.700	172	12311	0.340	ng	0.00
27) Fluoranthene-d10	18.883	212	24760	0.474	ng	0.00
31) Terphenyl-d14	19.501	244	16519	0.499	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.068	88	24952	3.706	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.245	198	8	0.140	ng	# 1
24) Pentachlorophenol	16.505	266	105	0.024	ng	89
34) Bis(2-ethylhexyl)phtha...	21.006	149	2396	0.110	ng	# 93

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

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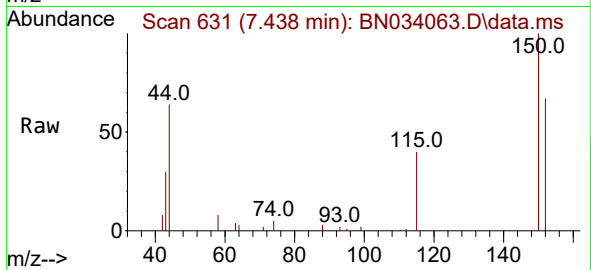
Quant Time: Sep 20 02:32:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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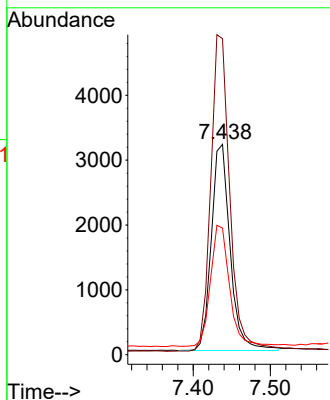
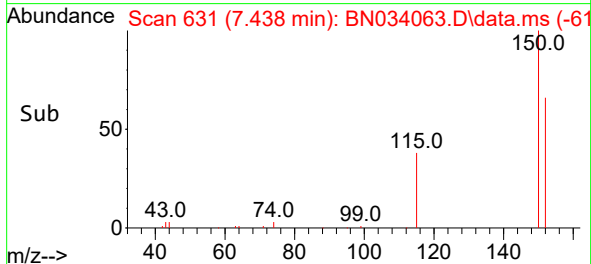


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32

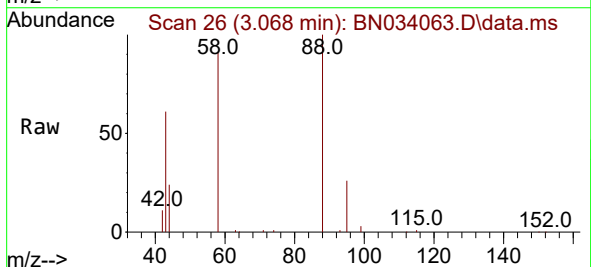
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240912



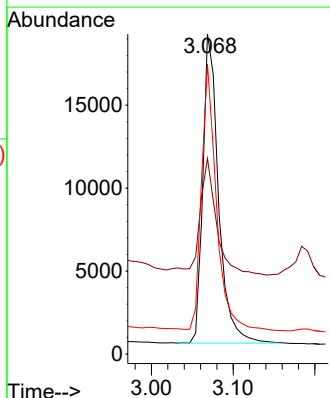
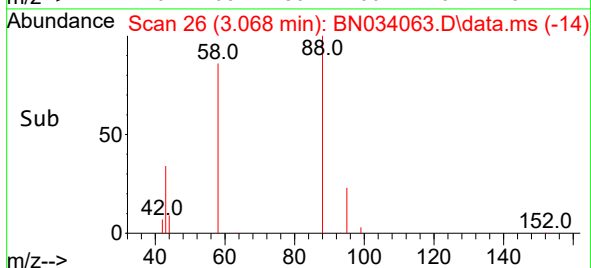
Tgt Ion:152 Resp: 5386
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.6 187.0
 115 60.2 50.0 75.0



#2
 1,4-Dioxane
 Concen: 3.706 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32



Tgt Ion: 88 Resp: 24952
 Ion Ratio Lower Upper
 88 100
 43 38.8 25.8 38.8#
 58 82.0 58.8 88.2

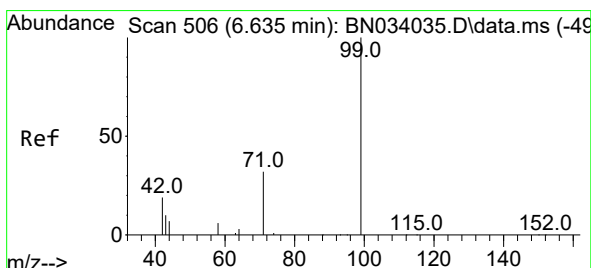
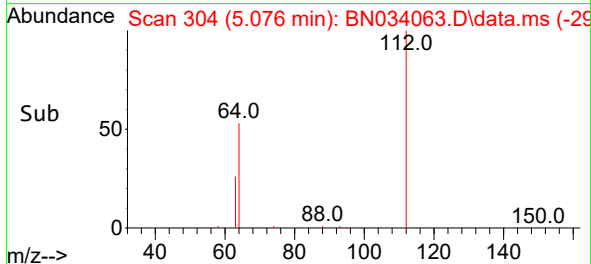
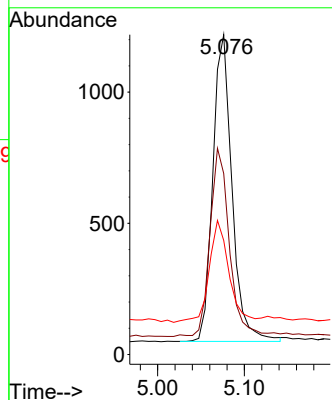
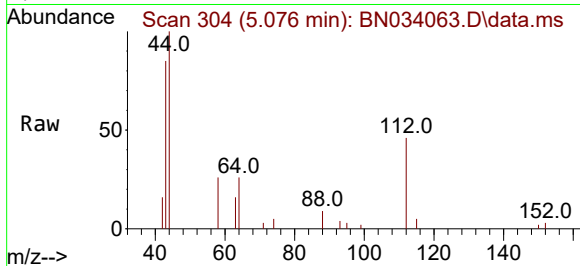




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

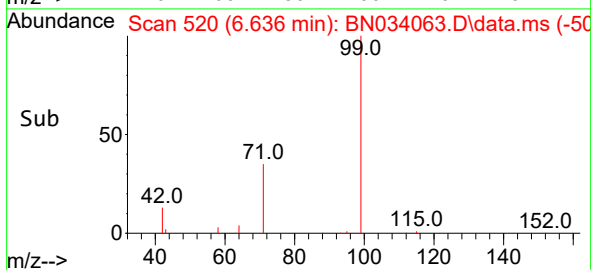
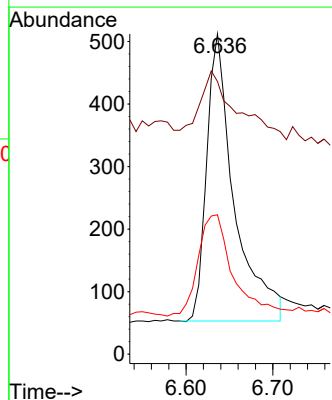
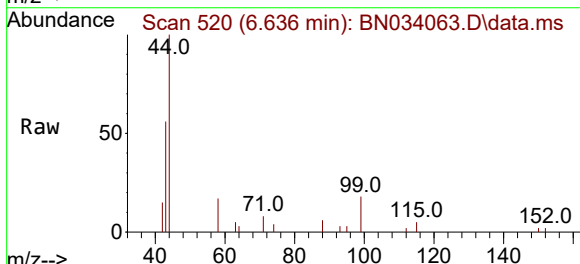
Instrument :
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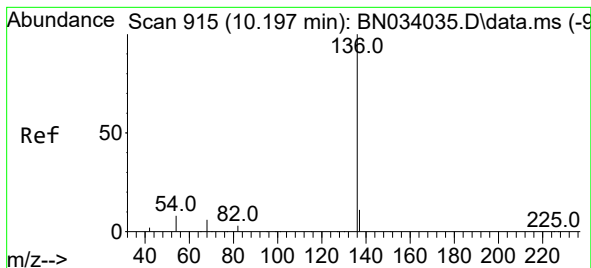
Tgt Ion:112 Resp: 1793
Ion Ratio Lower Upper
112 100
64 62.4 48.6 72.8
63 34.0 25.6 38.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion: 99 Resp: 1016
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.8
71 44.4 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.191 min Scan# 915

Delta R.T. -0.006 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

Instrument :

BNA_N

ClientSampleId :

RE126D2-20240912

Tgt Ion:136 Resp: 15223

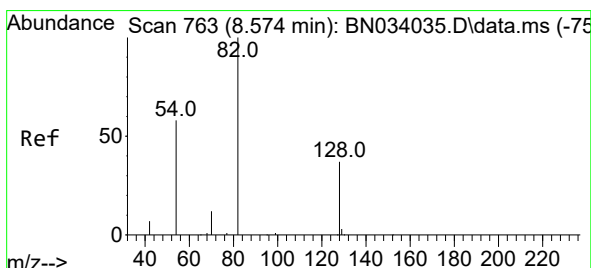
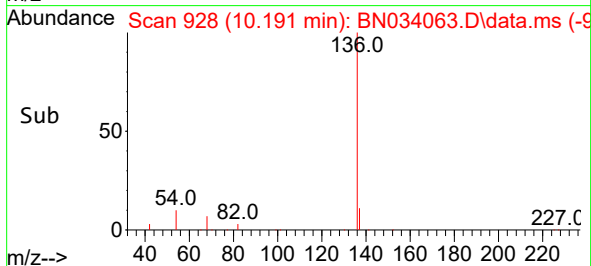
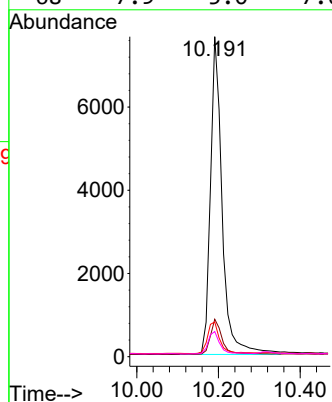
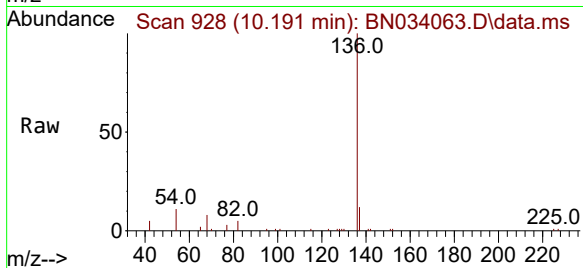
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 10.9 6.8 10.2#

68 7.9 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.284 ng

RT: 8.579 min Scan# 777

Delta R.T. 0.005 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

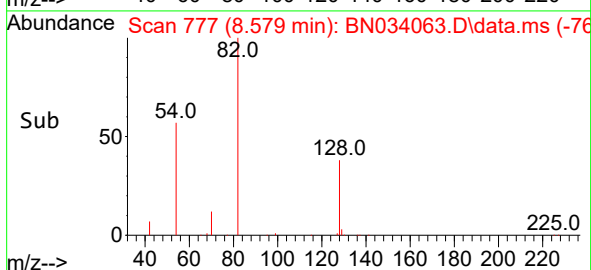
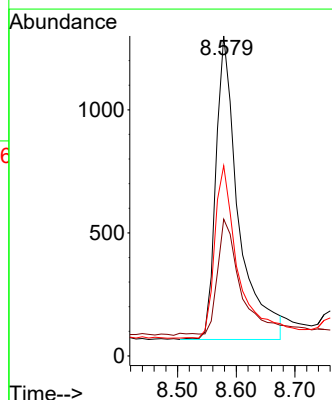
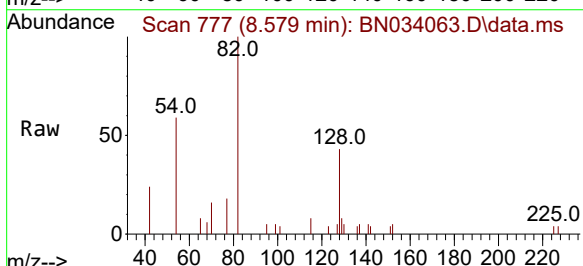
Tgt Ion: 82 Resp: 3302

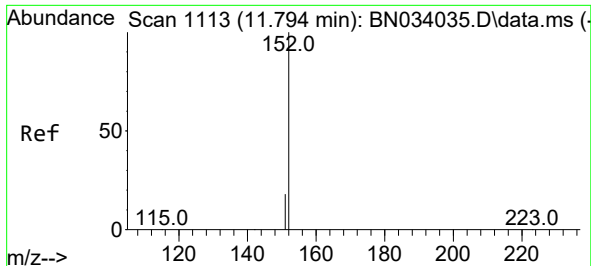
Ion Ratio Lower Upper

82 100

128 42.8 31.4 47.2

54 59.5 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 11.795 min Scan# 1113

Delta R.T. 0.002 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

Instrument :

BNA_N

ClientSampleId :

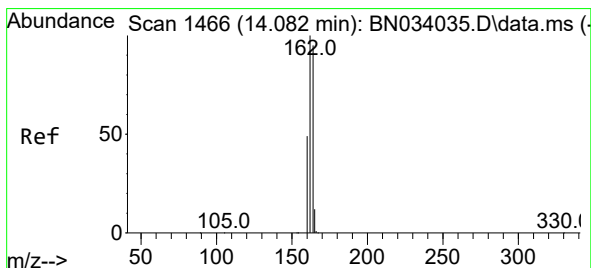
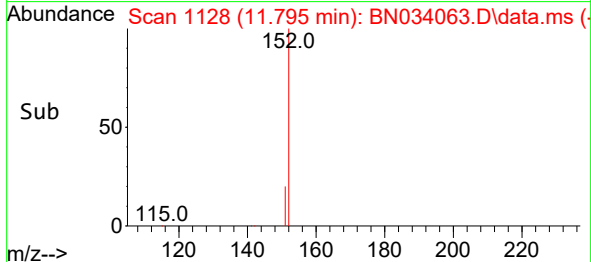
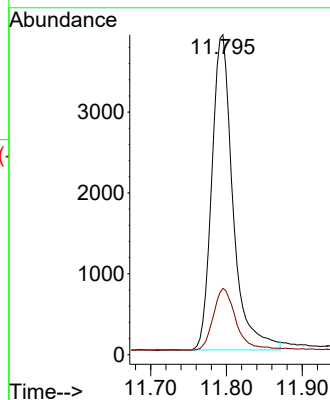
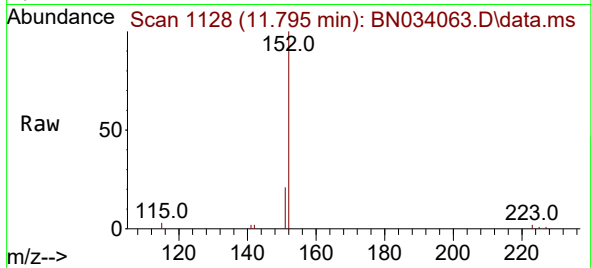
RE126D2-20240912

Tgt Ion:152 Resp: 7557

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.080 min Scan# 1480

Delta R.T. -0.002 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

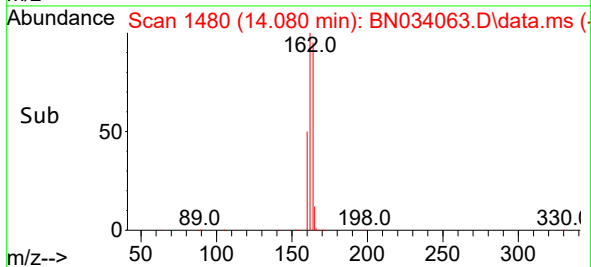
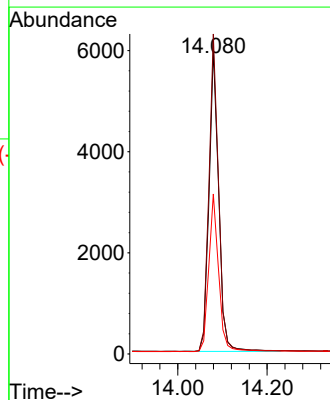
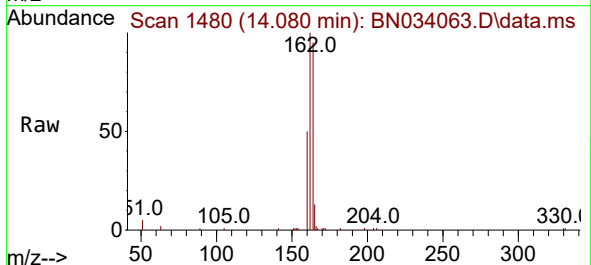
Tgt Ion:164 Resp: 8902

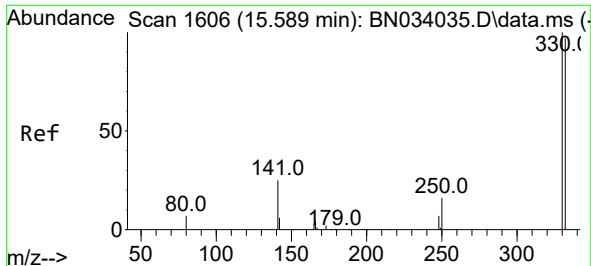
Ion Ratio Lower Upper

164 100

162 105.2 84.2 126.2

160 52.6 41.7 62.5

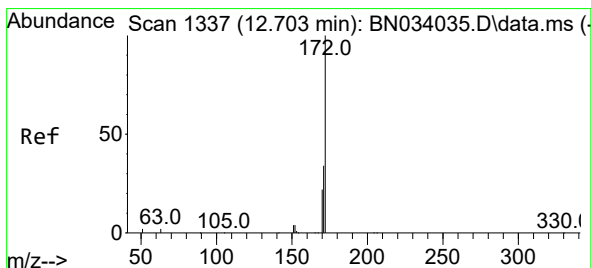
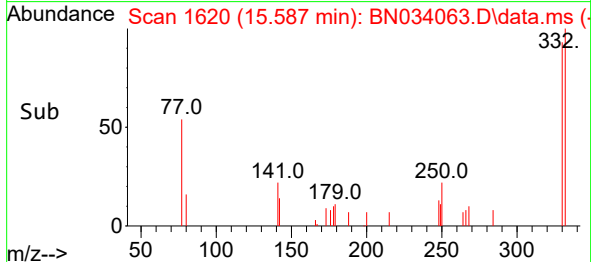
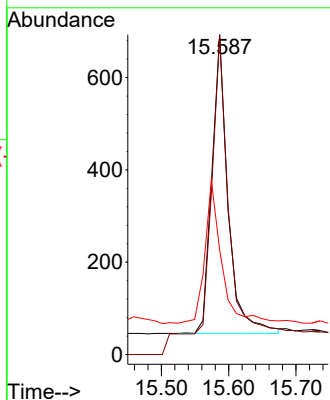
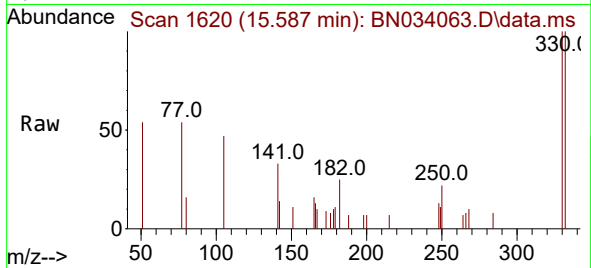




#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

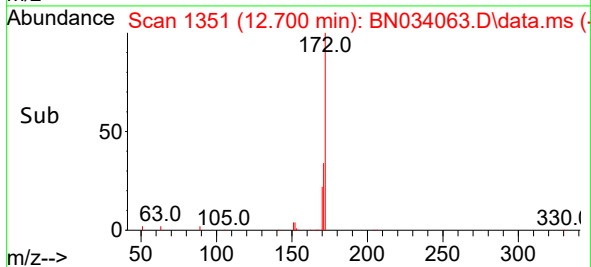
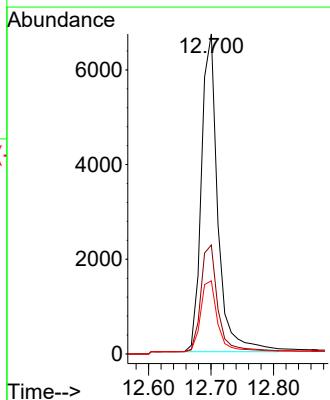
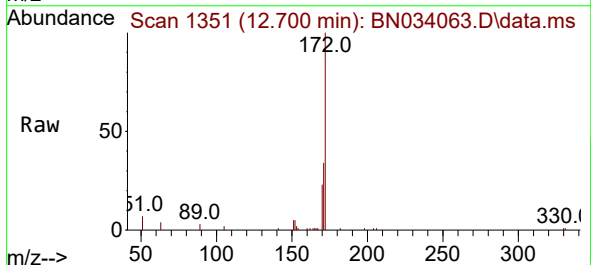
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240912

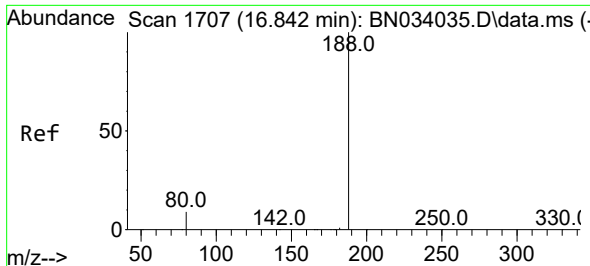
Tgt Ion: 330 Resp: 1076
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 49.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.700 min Scan# 1351
Delta R.T. -0.002 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion: 172 Resp: 12311
Ion Ratio Lower Upper
172 100
171 34.1 27.3 40.9
170 22.9 18.1 27.1

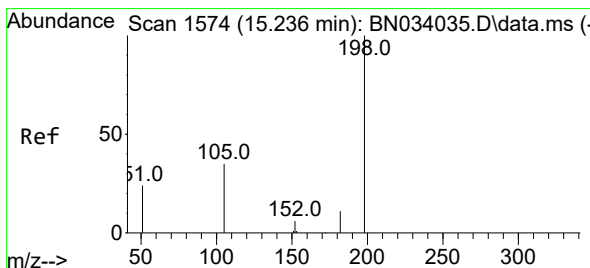
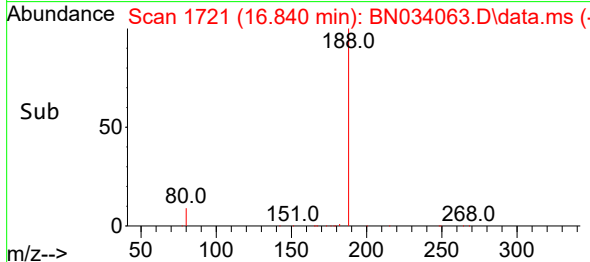
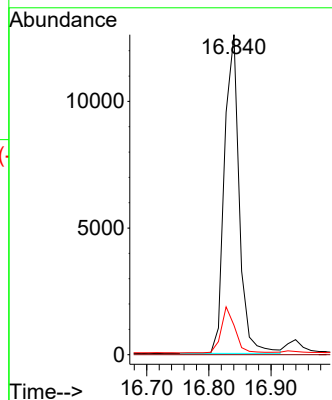
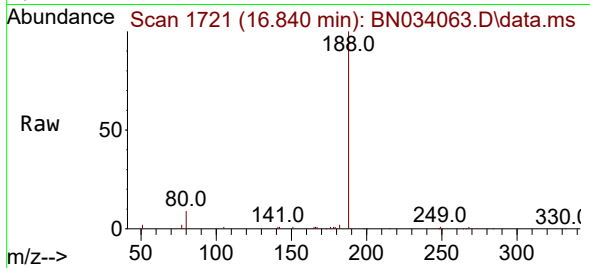




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.840 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

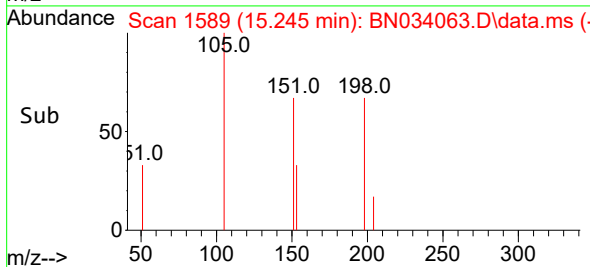
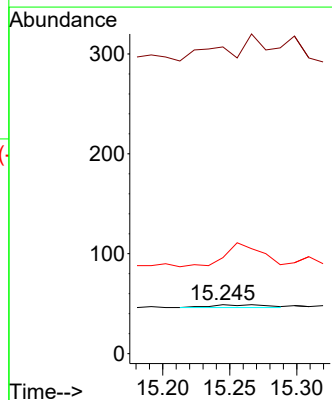
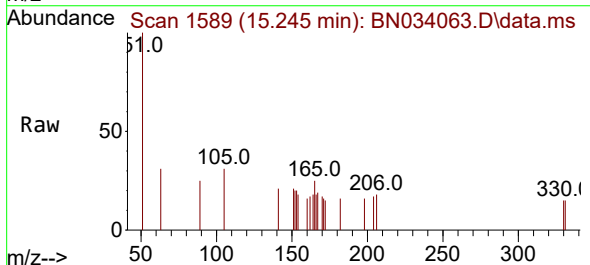
Instrument :
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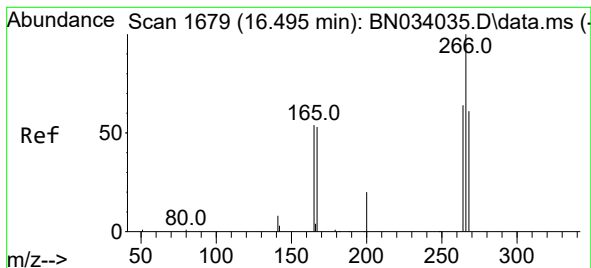
Tgt Ion:188 Resp: 20717
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.009 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 626.5 106.4 159.6#
105 195.9 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.024 ng

RT: 16.505 min Scan# 1694

Delta R.T. 0.010 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

Instrument :

BNA_N

ClientSampleId :

RE126D2-20240912

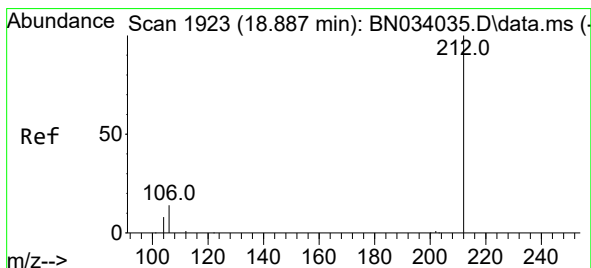
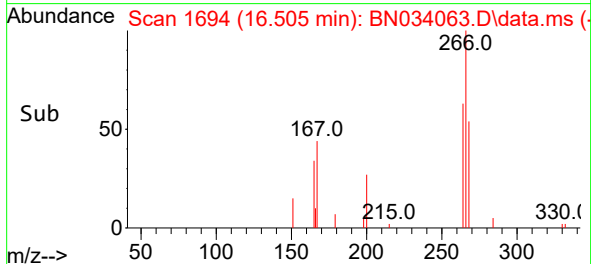
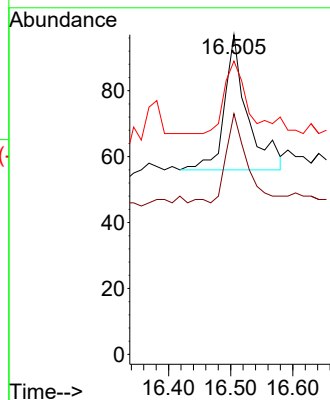
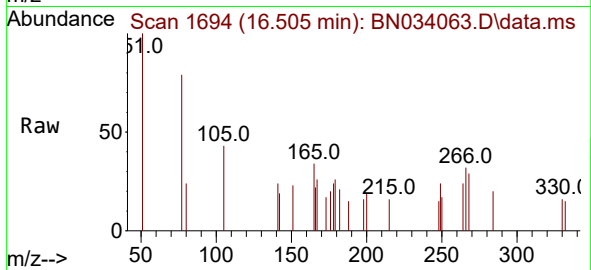
Tgt Ion:266 Resp: 105

Ion Ratio Lower Upper

266 100

264 52.4 50.2 75.2

268 57.1 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.474 ng

RT: 18.883 min Scan# 1935

Delta R.T. -0.004 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

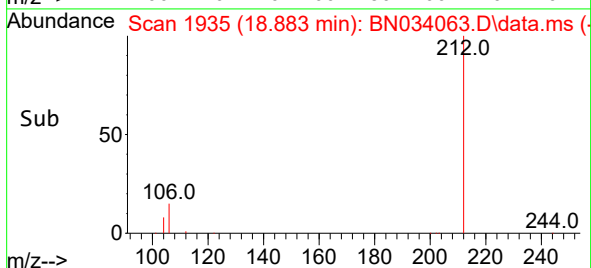
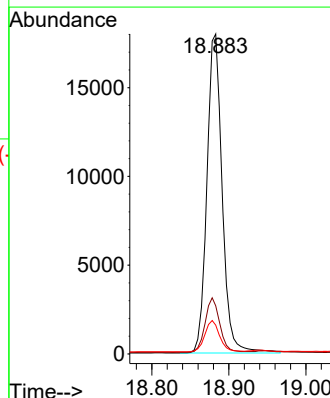
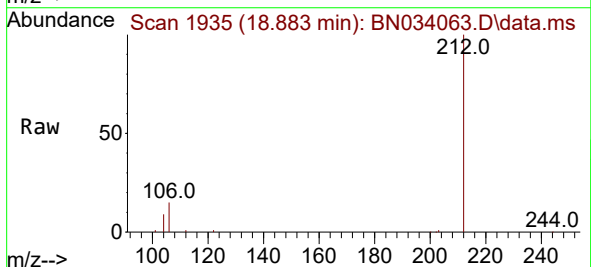
Tgt Ion:212 Resp: 24760

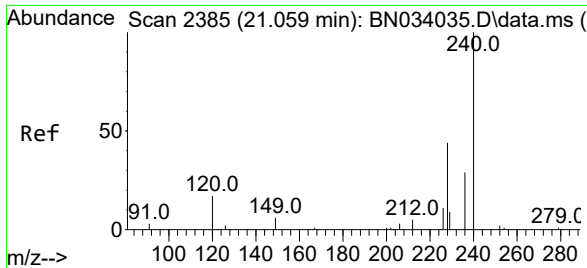
Ion Ratio Lower Upper

212 100

106 16.5 13.4 20.2

104 9.4 7.8 11.6

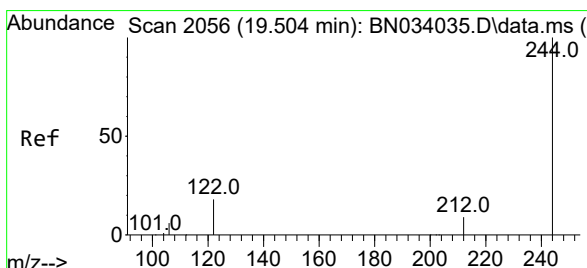
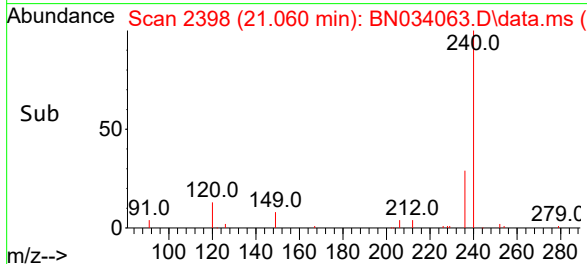
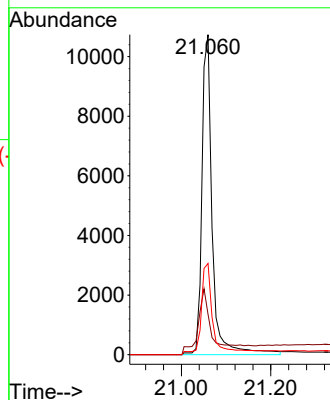
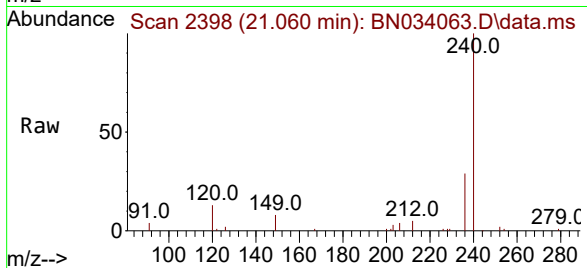




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.060 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

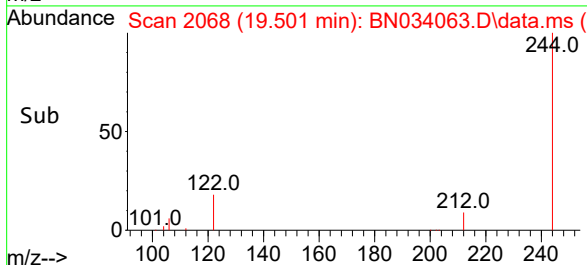
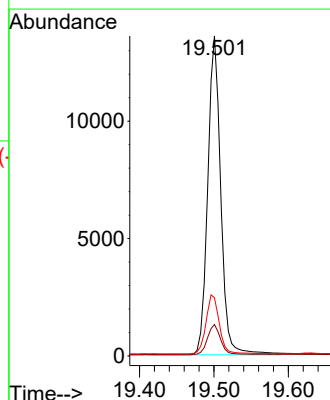
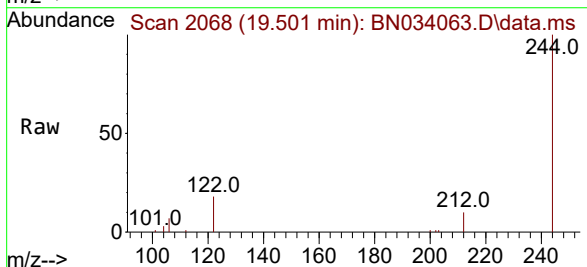
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240912

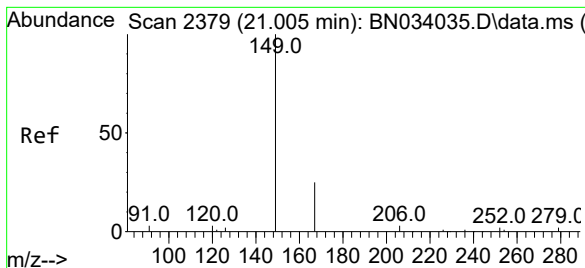
Tgt Ion:240 Resp: 16565
Ion Ratio Lower Upper
240 100
120 12.6 13.5 20.3#
236 28.5 23.4 35.0



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.501 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion:244 Resp: 16519
Ion Ratio Lower Upper
244 100
212 9.9 7.8 11.6
122 18.2 14.8 22.2

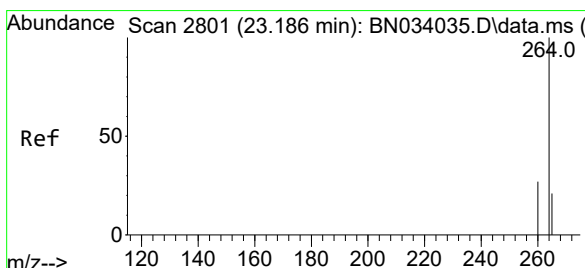
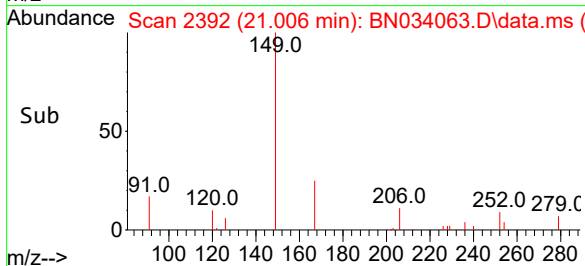
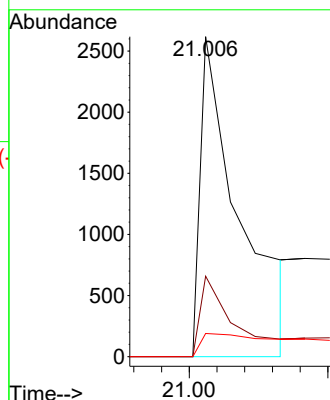
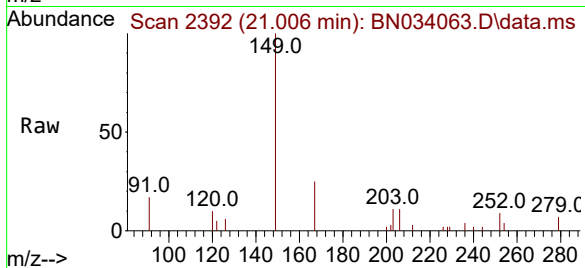




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.006 min Scan# 2100
 Delta R.T. 0.001 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240912

Tgt Ion:149 Resp: 2396
 Ion Ratio Lower Upper
 149 100
 167 22.5 19.9 29.9
 279 11.9 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.181 min Scan# 2814
 Delta R.T. -0.005 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32

Tgt Ion:264 Resp: 11088
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.7 32.5
 265 87.3 52.1 78.1#

