

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034163.D
 Acq On : 23 Sep 2024 13:06
 Operator : JU/RC
 Sample : P4116-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917DL

Quant Time: Sep 23 14:08:42 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)

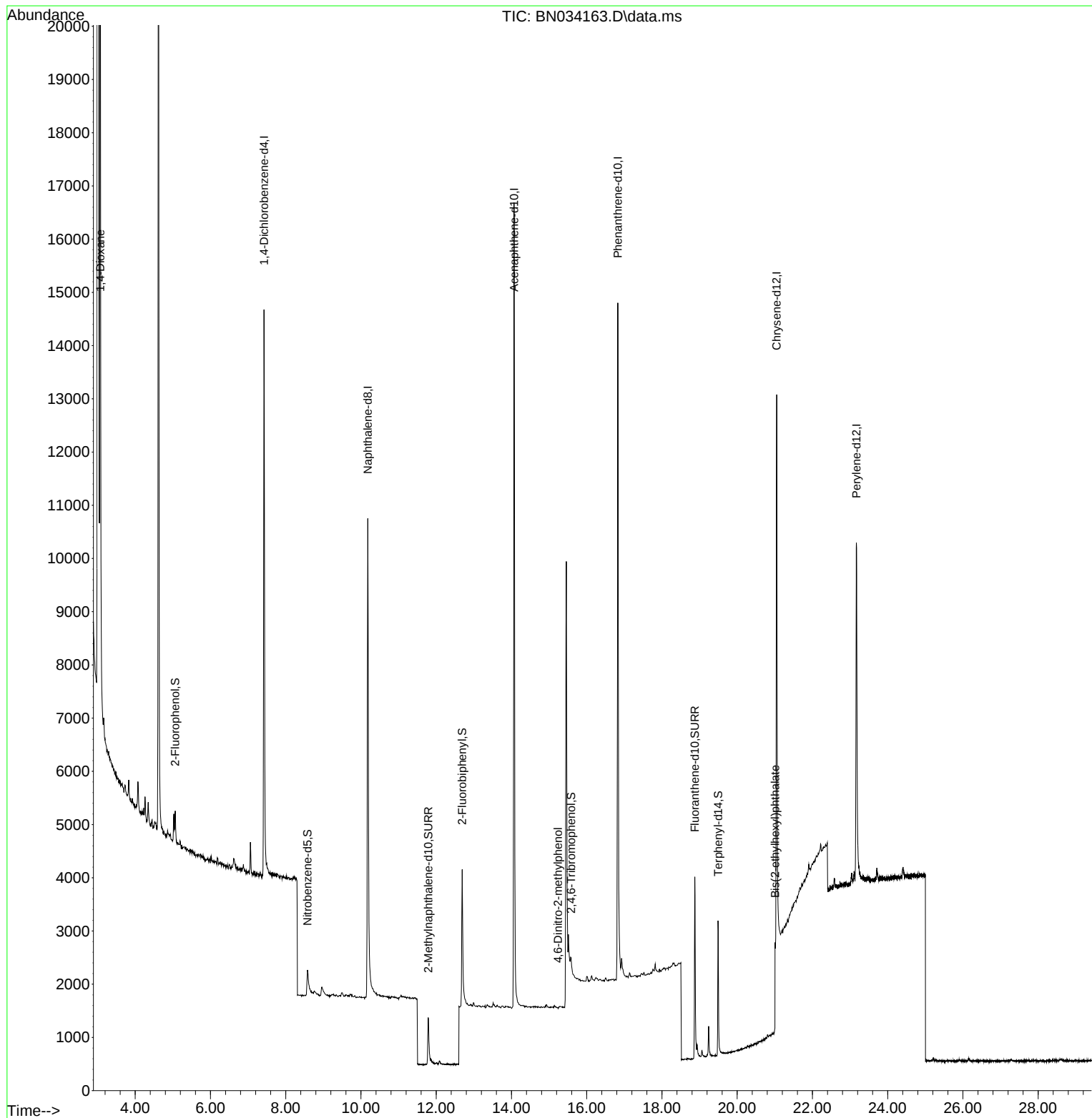
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5259	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14628	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8919	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	18173	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	11552	0.400	ng	0.00
35) Perylene-d12	23.169	264	9302	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	462	0.031	ng	-0.01
5) Phenol-d6	6.629	99	248	0.014	ng	0.00
8) Nitrobenzene-d5	8.579	82	717	0.064	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1721	0.080	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	197	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	3489	0.096	ng	-0.01
27) Fluoranthene-d10	18.874	212	4235	0.092	ng	-0.01
31) Terphenyl-d14	19.491	244	2710	0.117	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	13788	2.097	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.234	198	1	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	772	0.051	ng	# 77

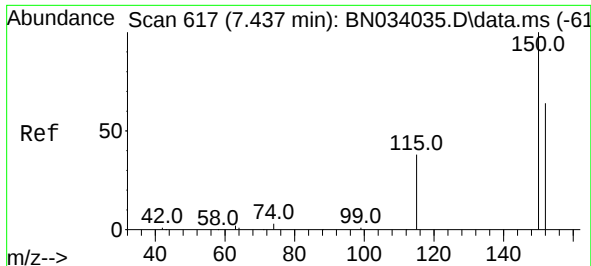
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034163.D
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Misc :
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Instrument :
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RE125D2-20240917DL

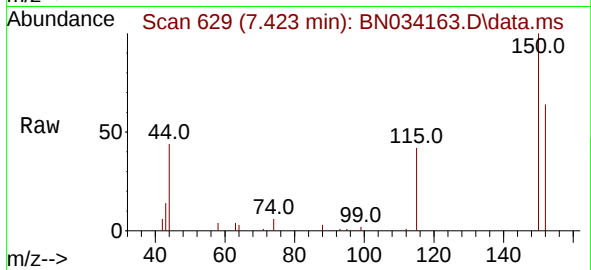
Quant Time: Sep 23 14:08:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



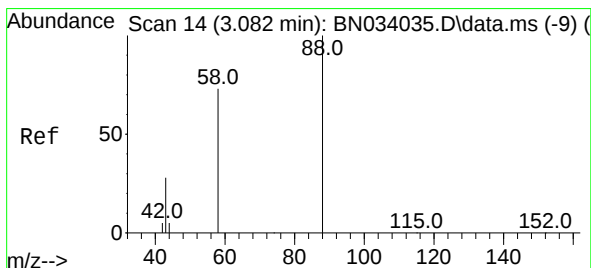
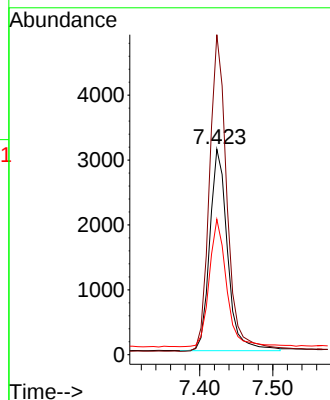
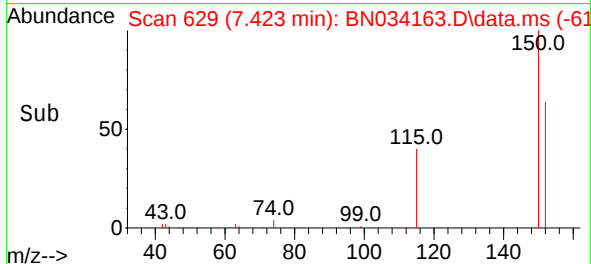


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034163.D
 Acq: 23 Sep 2024 13:06

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917DL

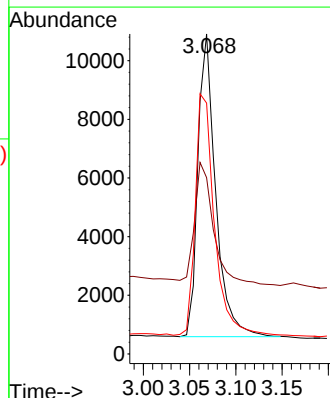
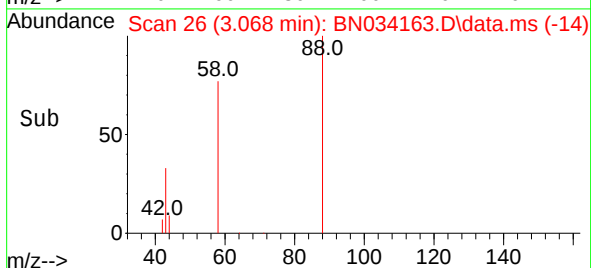
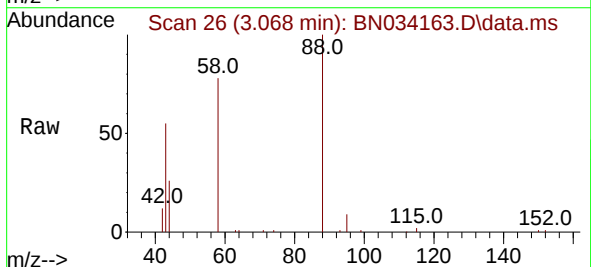


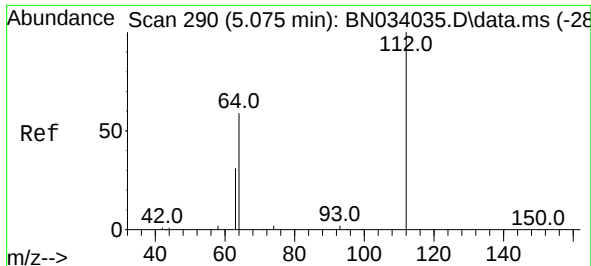
Tgt Ion:152 Resp: 5259
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 187.0
 115 65.8 50.0 75.0



#2
 1,4-Dioxane
 Concen: 2.097 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034163.D
 Acq: 23 Sep 2024 13:06

Tgt Ion: 88 Resp: 13788
 Ion Ratio Lower Upper
 88 100
 43 44.0 25.8 38.8#
 58 85.6 58.8 88.2

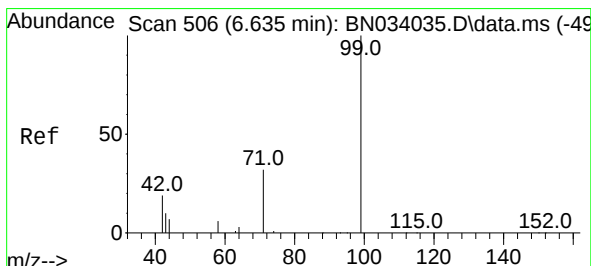
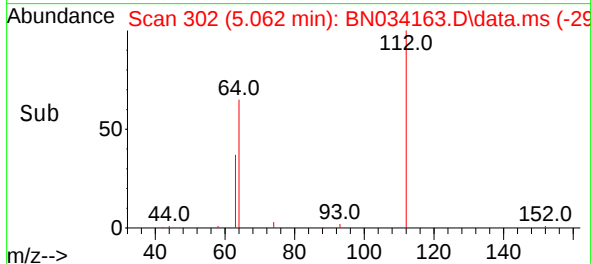
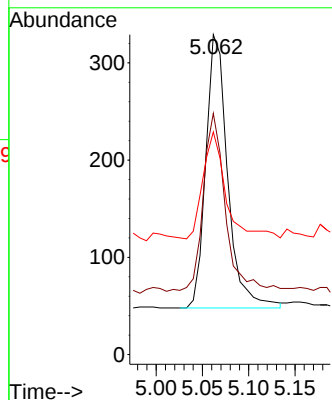
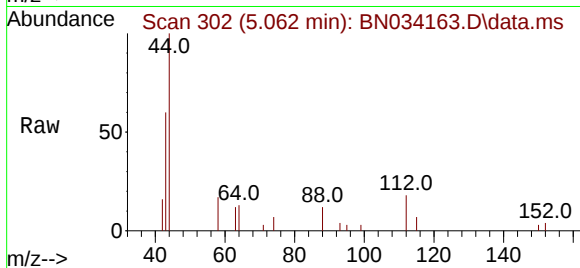




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

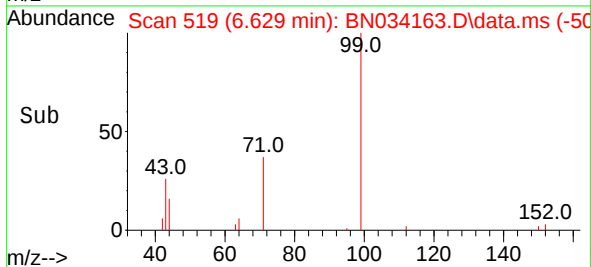
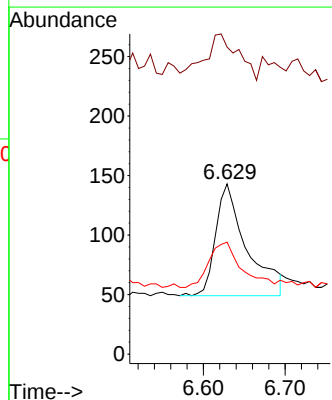
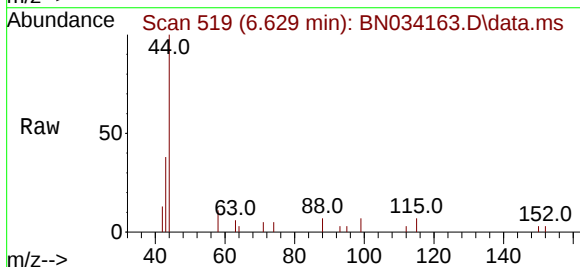
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL

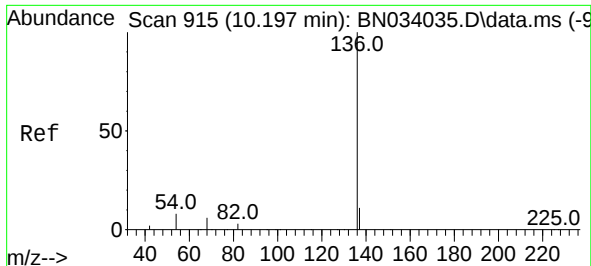
Tgt Ion:112 Resp: 462
Ion Ratio Lower Upper
112 100
64 66.5 48.6 72.8
63 41.6 25.6 38.4#



#5
Phenol-d6
Concen: 0.014 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

Tgt Ion: 99 Resp: 248
Ion Ratio Lower Upper
99 100
42 44.8 17.8 26.8#
71 42.3 26.2 39.2#

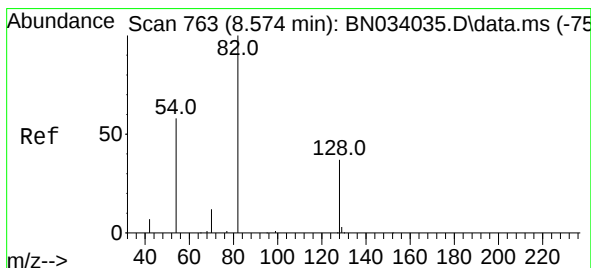
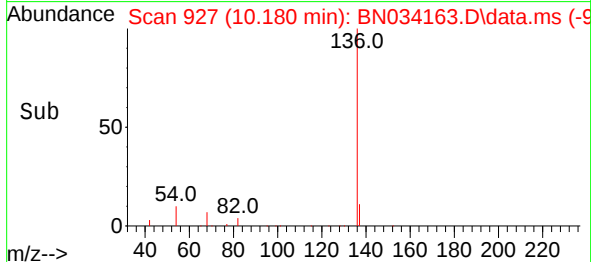
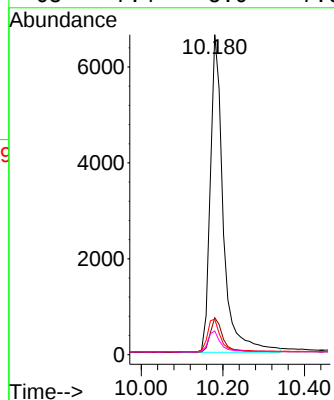
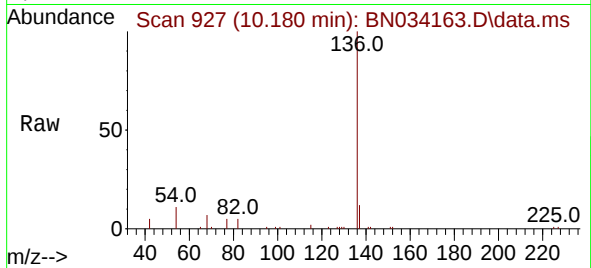




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

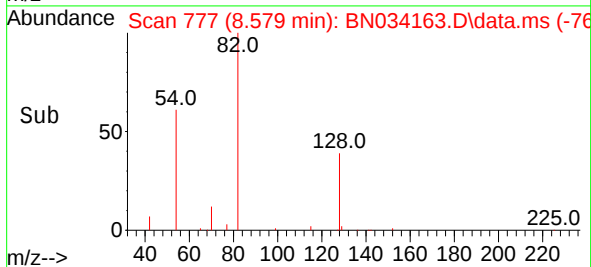
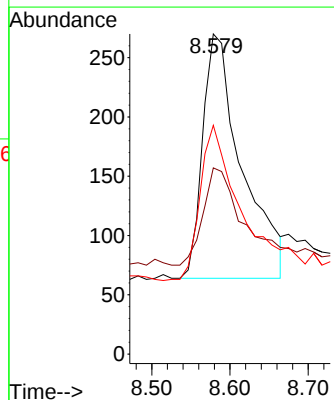
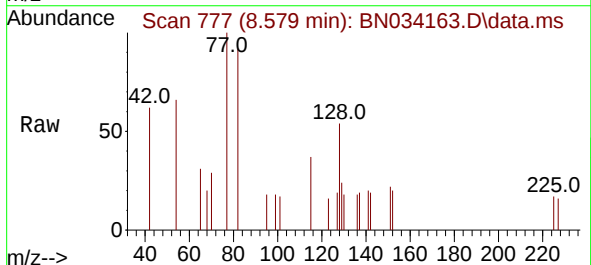
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL

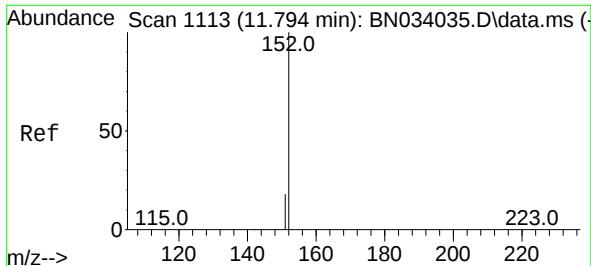
Tgt Ion:136 Resp: 14628
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 11.1 6.8 10.2#
68 7.4 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.064 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

Tgt Ion: 82 Resp: 717
Ion Ratio Lower Upper
82 100
128 58.1 31.4 47.2#
54 71.5 47.4 71.0#





#11

2-Methylnaphthalene-d10

Concen: 0.080 ng

RT: 11.788 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

Instrument :

BNA_N

ClientSampleId :

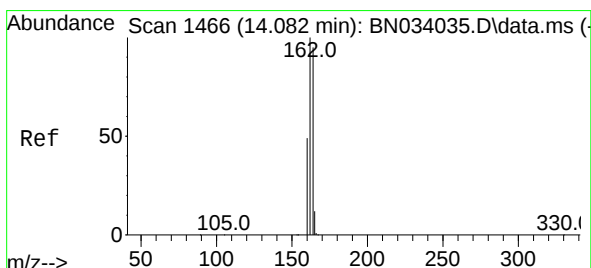
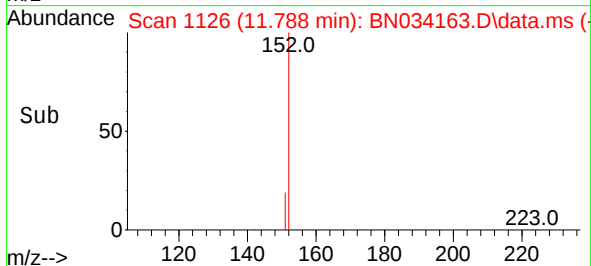
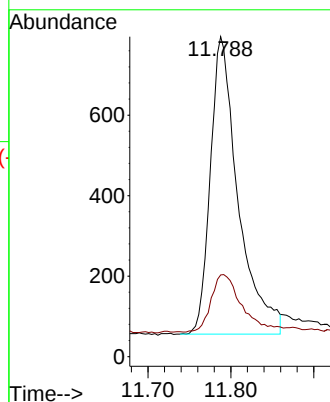
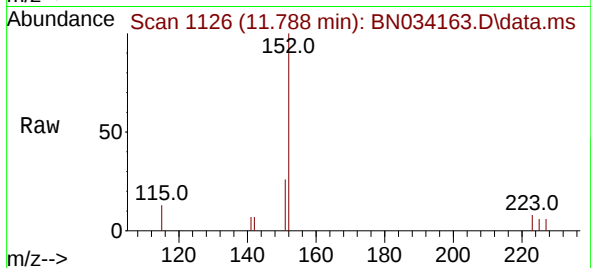
RE125D2-20240917DL

Tgt Ion:152 Resp: 1721

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.069 min Scan# 1479

Delta R.T. -0.013 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

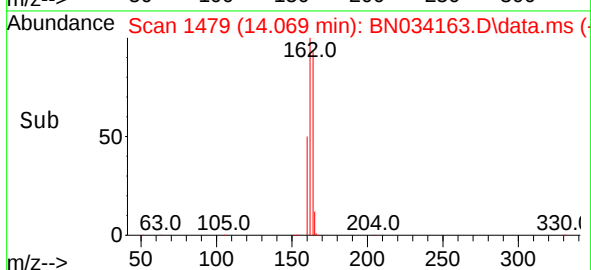
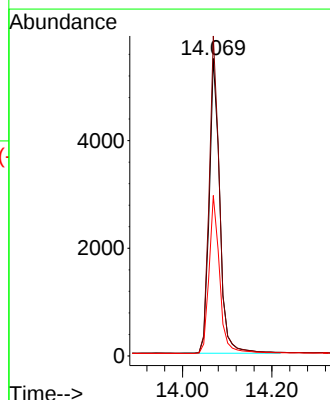
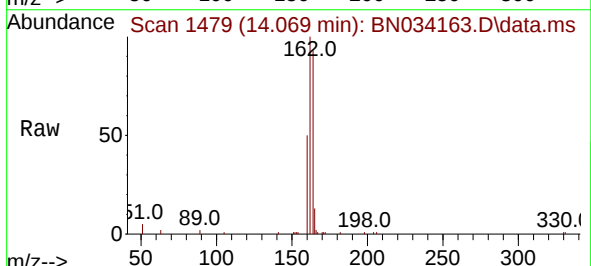
Tgt Ion:164 Resp: 8919

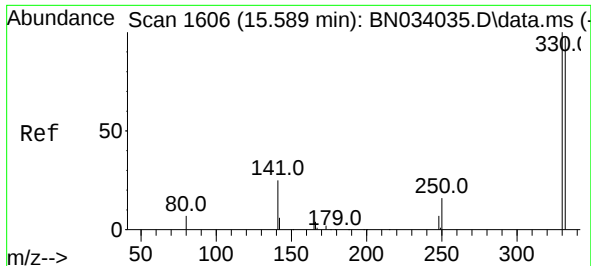
Ion Ratio Lower Upper

164 100

162 107.6 84.2 126.2

160 54.0 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.049 ng

RT: 15.587 min Scan# 1

Delta R.T. -0.002 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240917DL

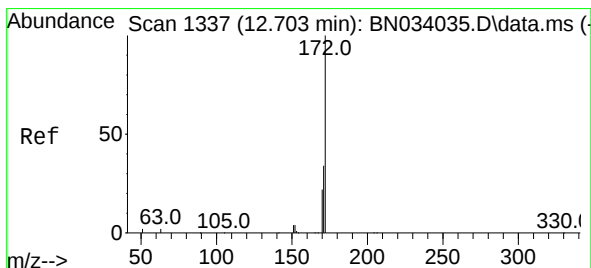
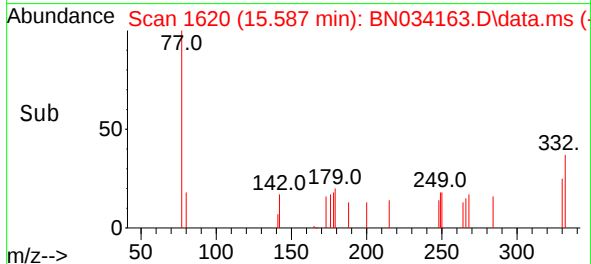
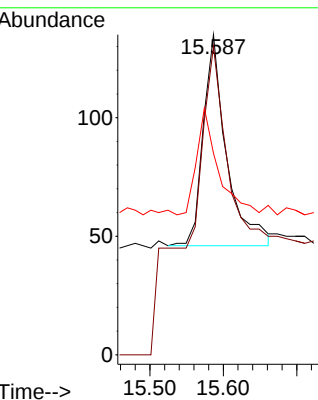
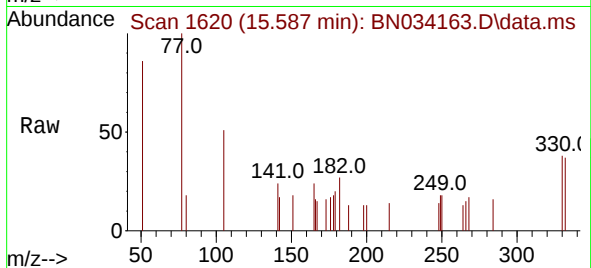
Tgt Ion:330 Resp: 197

Ion Ratio Lower Upper

330 100

332 314.7 77.4 116.0#

141 48.2 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.096 ng

RT: 12.690 min Scan# 1350

Delta R.T. -0.013 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

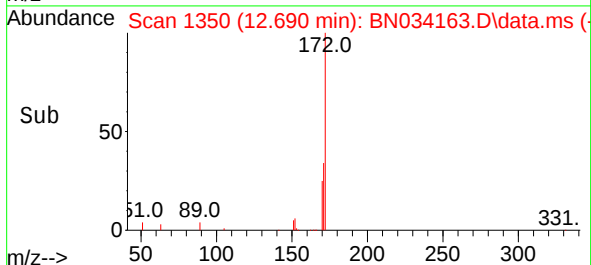
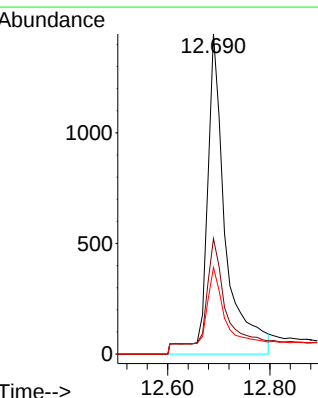
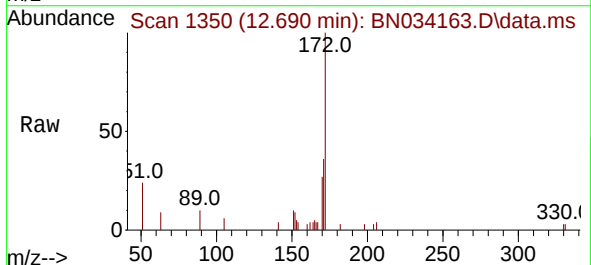
Tgt Ion:172 Resp: 3489

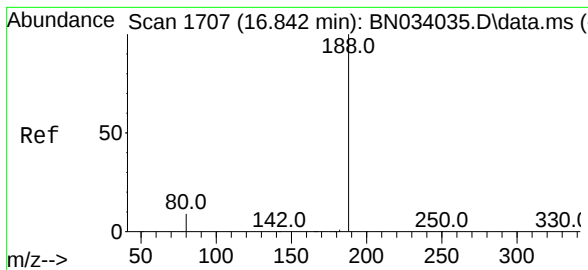
Ion Ratio Lower Upper

172 100

171 36.1 27.3 40.9

170 27.1 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240917DL

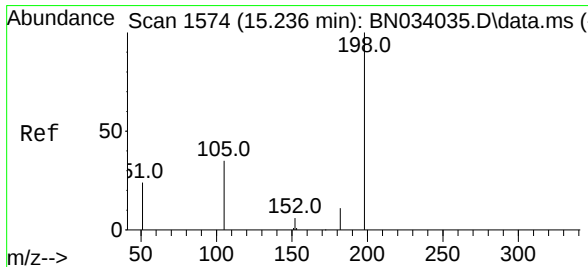
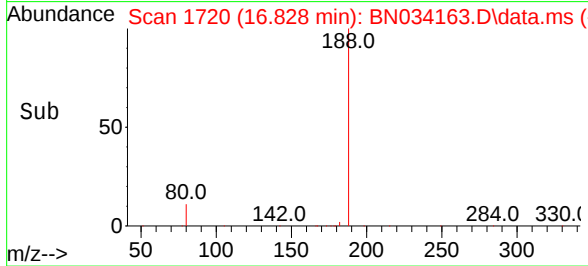
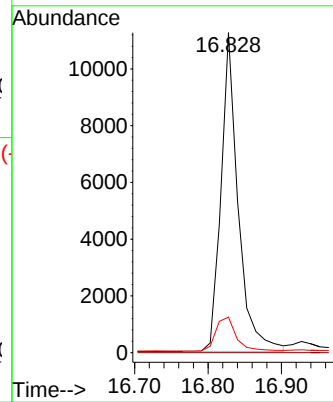
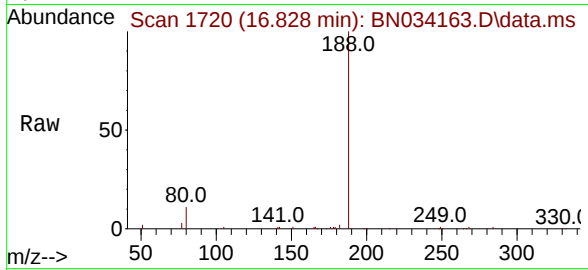
Tgt Ion:188 Resp: 18173

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.234 min Scan# 1588

Delta R.T. -0.002 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

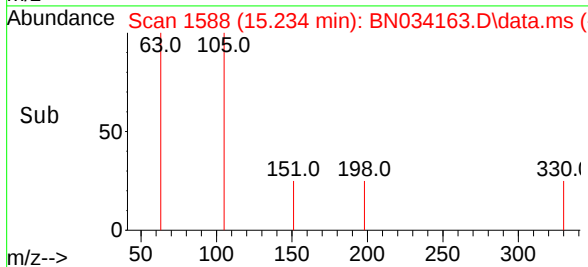
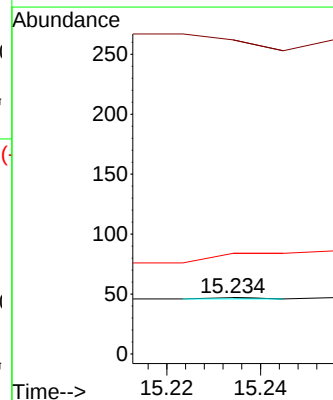
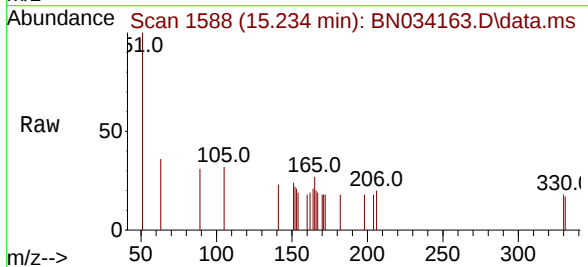
Tgt Ion:198 Resp: 1

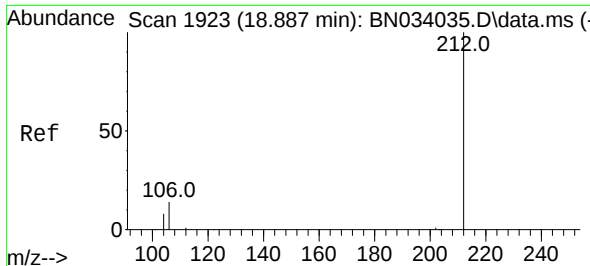
Ion Ratio Lower Upper

198 100

51 557.4 106.4 159.6#

105 178.7 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.092 ng

RT: 18.874 min Scan# 1933

Delta R.T. -0.013 min

Lab File: BN034163.D

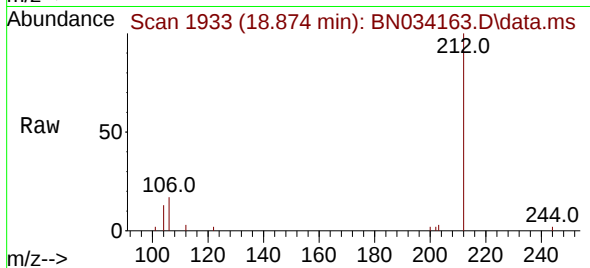
Acq: 23 Sep 2024 13:06

Instrument :

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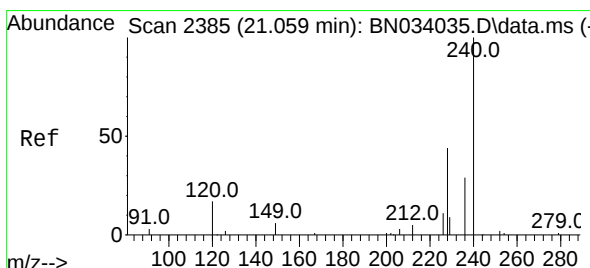
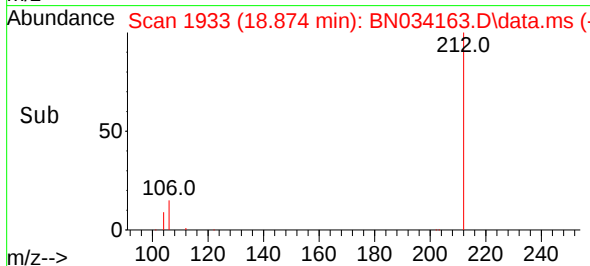
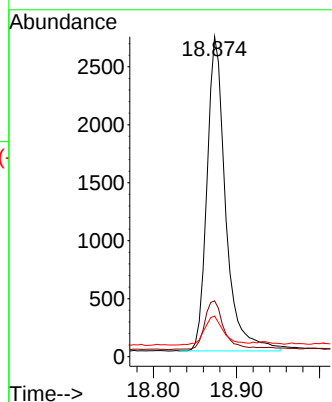
Tgt Ion:212 Resp: 4235

Ion Ratio Lower Upper

212 100

106 16.7 13.4 20.2

104 9.5 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 2397

Delta R.T. -0.008 min

Lab File: BN034163.D

Acq: 23 Sep 2024 13:06

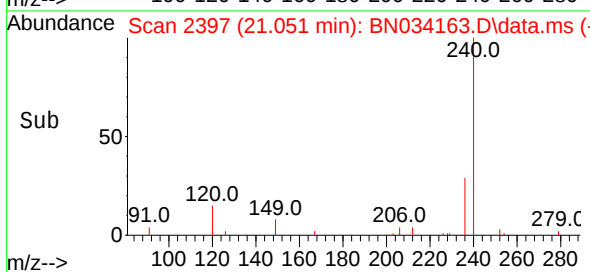
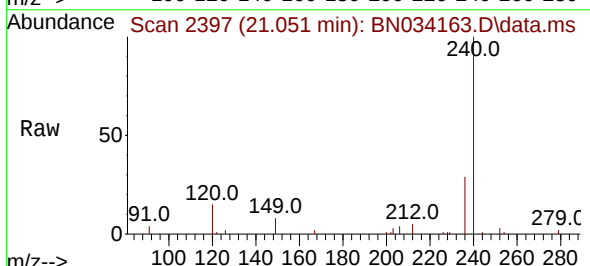
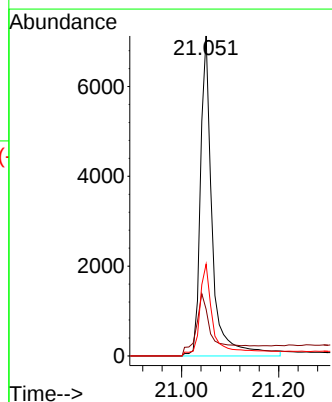
Tgt Ion:240 Resp: 11552

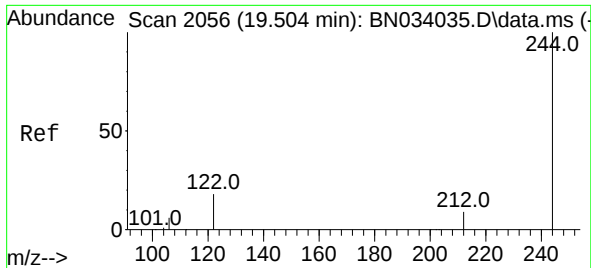
Ion Ratio Lower Upper

240 100

120 14.6 13.5 20.3

236 28.7 23.4 35.0

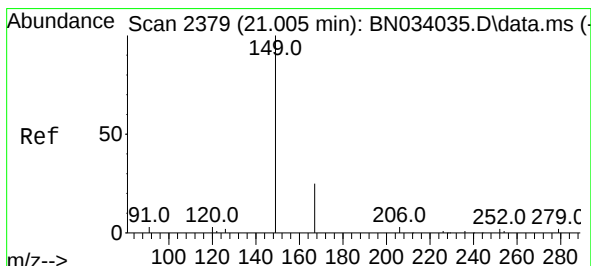
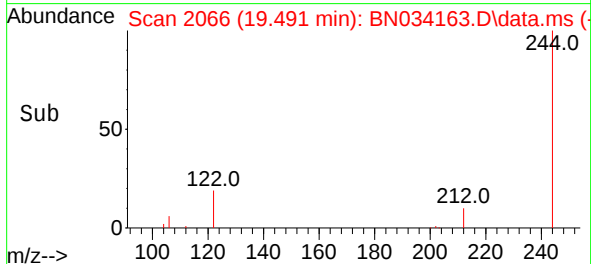
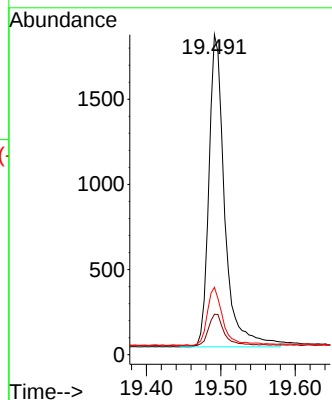
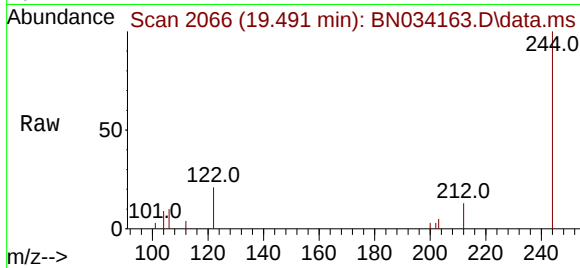




#31
 Terphenyl-d14
 Concen: 0.117 ng
 RT: 19.491 min Scan# 2056
 Delta R.T. -0.013 min
 Lab File: BN034163.D
 Acq: 23 Sep 2024 13:06

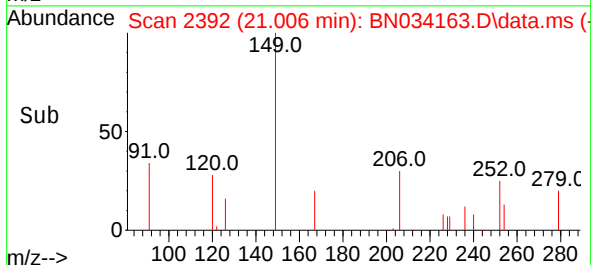
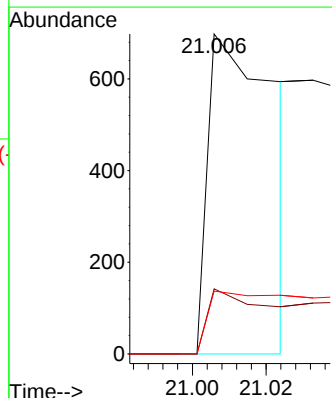
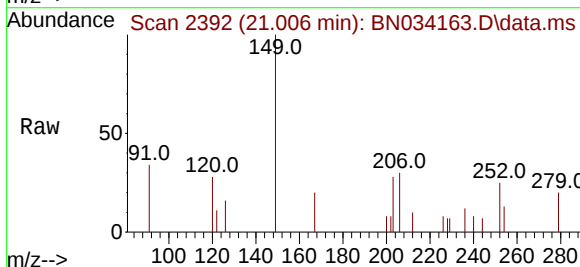
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917DL

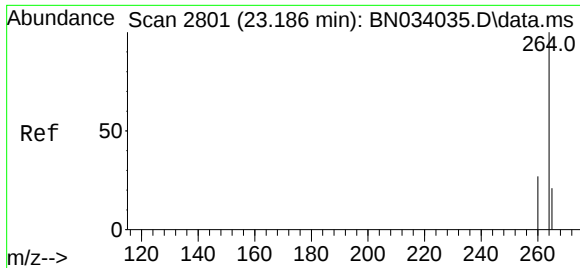
Tgt Ion:244 Resp: 2710
 Ion Ratio Lower Upper
 244 100
 212 12.7 7.8 11.6#
 122 21.1 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. 0.001 min
 Lab File: BN034163.D
 Acq: 23 Sep 2024 13:06

Tgt Ion:149 Resp: 772
 Ion Ratio Lower Upper
 149 100
 167 18.7 19.9 29.9#
 279 28.9 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: BN034163.D
 Acq: 23 Sep 2024 13:06

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917DL

Tgt Ion:	264	Resp:	9302
Ion Ratio	Lower	Upper	
264	100		
260	27.6	21.7	32.5
265	74.5	52.1	78.1

