

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
 Data File : BN032728.D
 Acq On : 15 Jul 2024 17:21
 Operator : MA/JU
 Sample : P3229-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240710RE

Quant Time: Jul 15 18:31:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 23:45:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

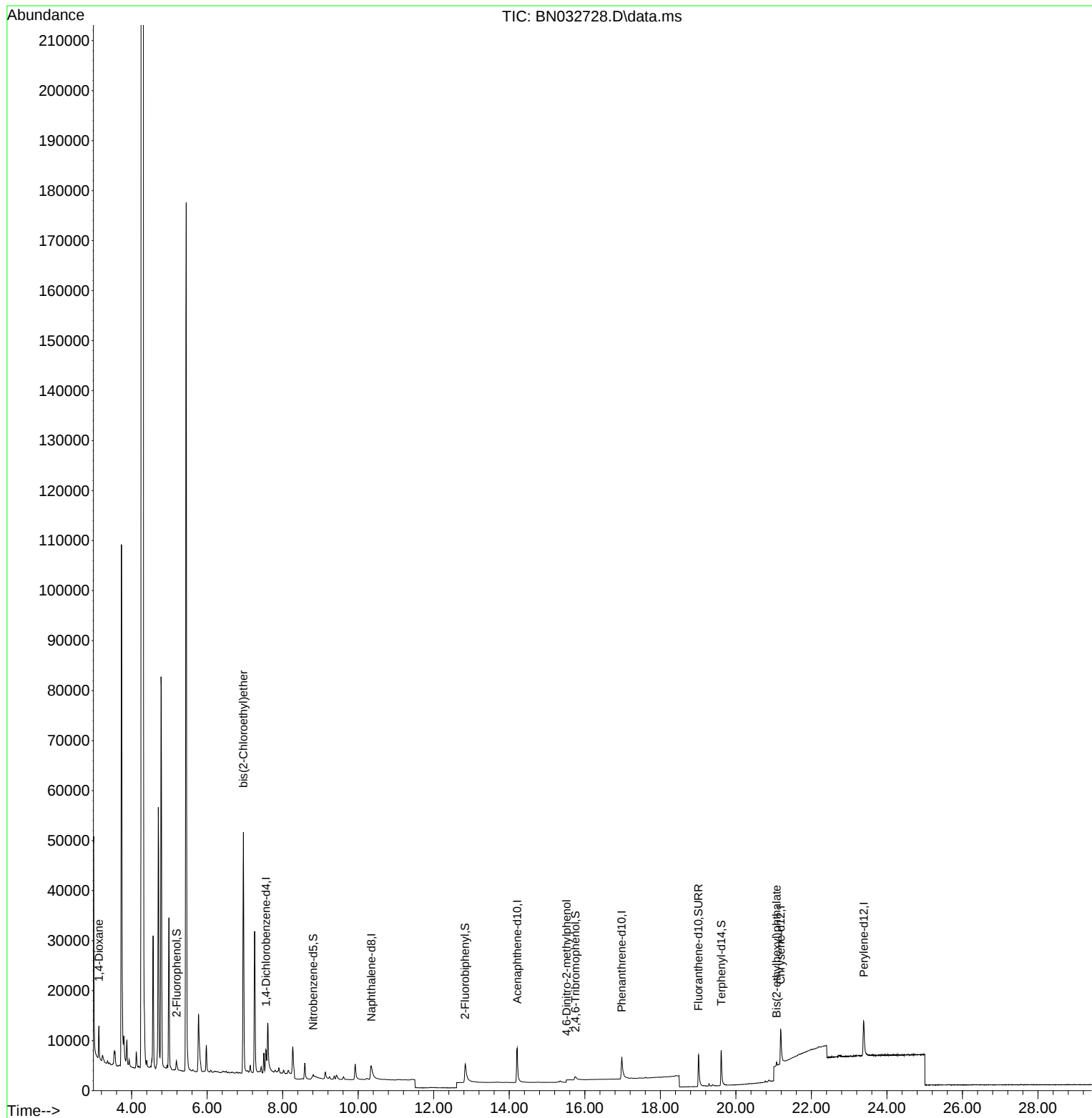
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	3597	0.400	ng	0.00
7) Naphthalene-d8	10.346	136	10541	0.400	ng	#-0.01
13) Acenaphthene-d10	14.210	164	6333	0.400	ng	0.00
19) Phenanthrene-d10	16.979	188	11641	0.400	ng	0.00
29) Chrysene-d12	21.184	240	10902	0.400	ng	# 0.00
35) Perylene-d12	23.385	264	12021	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	982	0.108	ng	0.00
5) Phenol-d6	6.772	99	21	0.002	ng	-0.02
8) Nitrobenzene-d5	8.809	82	2455	0.309	ng	0.03
11) 2-Methylnaphthalene-d10	11.926	152	49	0.003	ng	-0.04
14) 2,4,6-Tribromophenol	15.750	330	801	0.296	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	8597	0.365	ng	-0.02
27) Fluoranthene-d10	19.012	212	10688	0.355	ng	0.00
31) Terphenyl-d14	19.611	244	10692	0.478	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.132	88	4292	0.963	ng	# 88
6) bis(2-Chloroethyl)ether	6.960	93	37646	3.986	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.514	198	2	0.294	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.077	149	846	0.044	ng	# 96

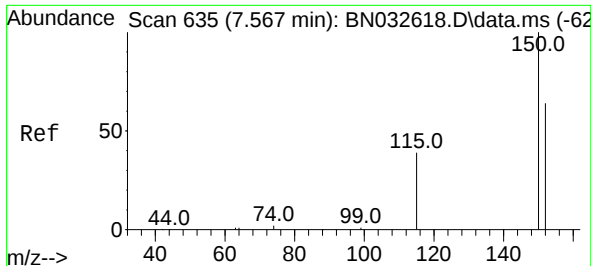
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
Data File : BN032728.D
Acq On : 15 Jul 2024 17:21
Operator : MA/JU
Sample : P3229-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE

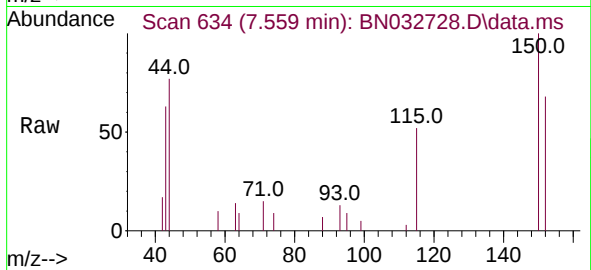
Quant Time: Jul 15 18:31:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
Response via : Initial Calibration



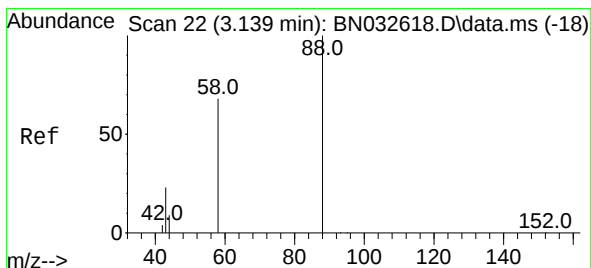
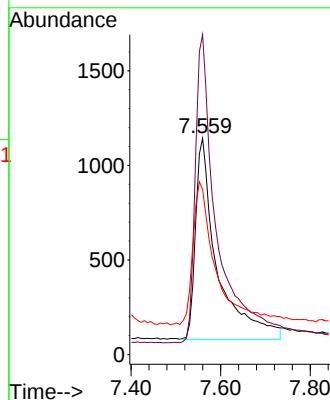
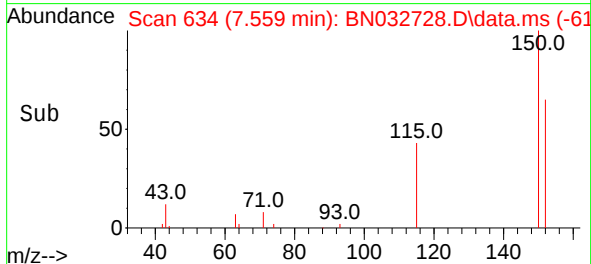


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN032728.D
 Acq: 15 Jul 2024 17:21

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240710RE

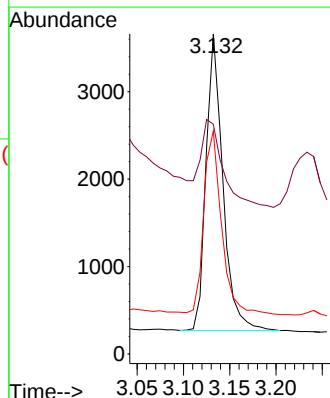
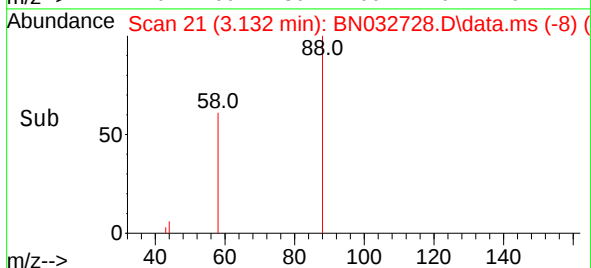
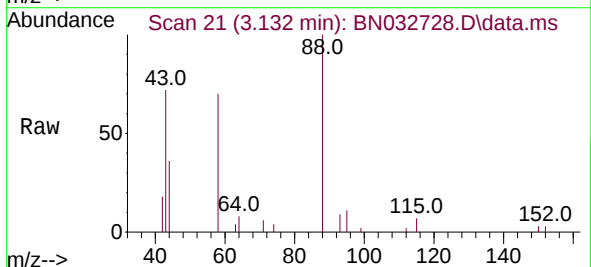


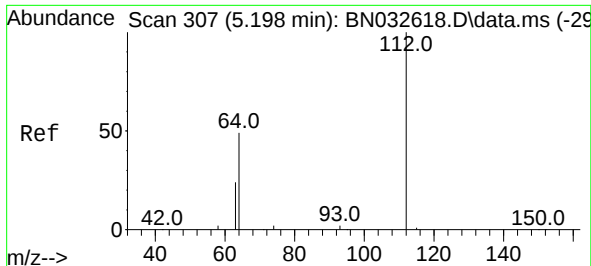
Tgt Ion:152 Resp: 3597
 Ion Ratio Lower Upper
 152 100
 150 147.8 123.8 185.6
 115 76.3 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.963 ng
 RT: 3.132 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN032728.D
 Acq: 15 Jul 2024 17:21

Tgt Ion: 88 Resp: 4292
 Ion Ratio Lower Upper
 88 100
 43 38.5 18.4 27.6#
 58 65.5 49.2 73.8





#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.191 min Scan# 307

Delta R.T. -0.007 min

Lab File: BN032728.D

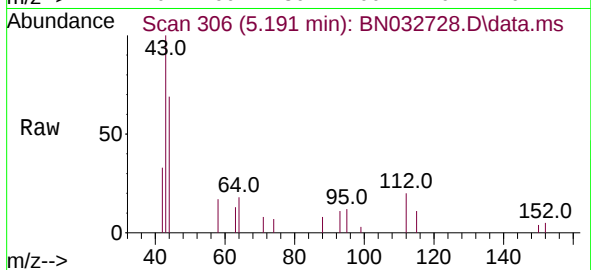
Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240710RE



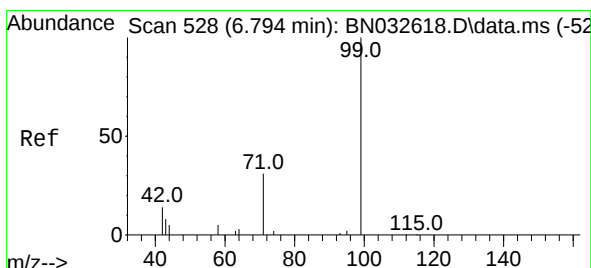
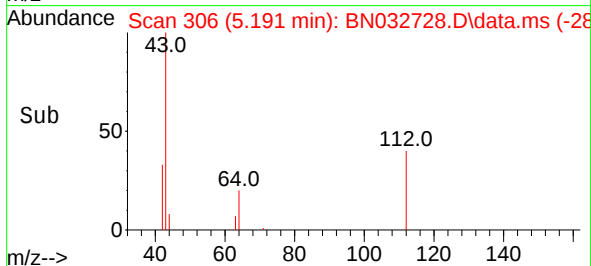
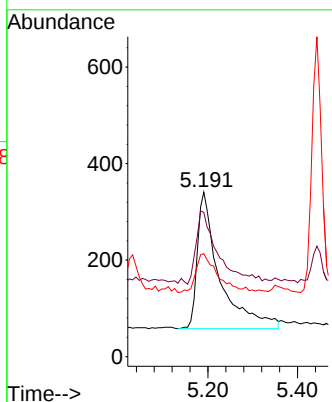
Tgt Ion:112 Resp: 982

Ion Ratio Lower Upper

112 100

64 54.0 40.2 60.4

63 26.8 22.2 33.4



#5

Phenol-d6

Concen: 0.002 ng

RT: 6.772 min Scan# 525

Delta R.T. -0.022 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

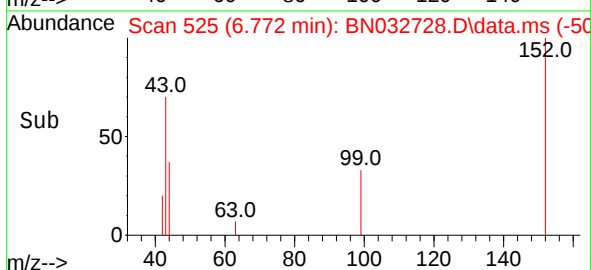
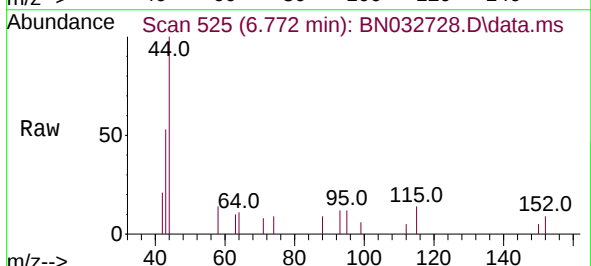
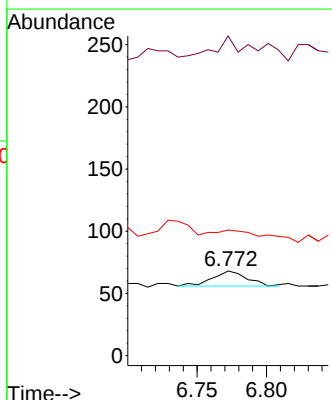
Tgt Ion: 99 Resp: 21

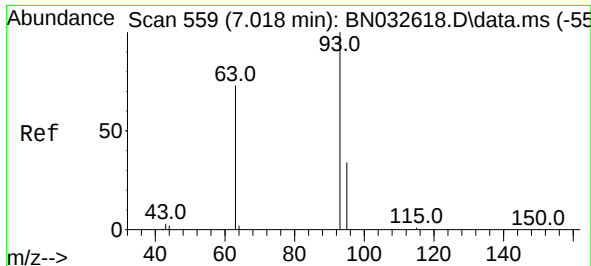
Ion Ratio Lower Upper

99 100

42 0.0 10.5 15.7#

71 0.0 22.3 33.5#

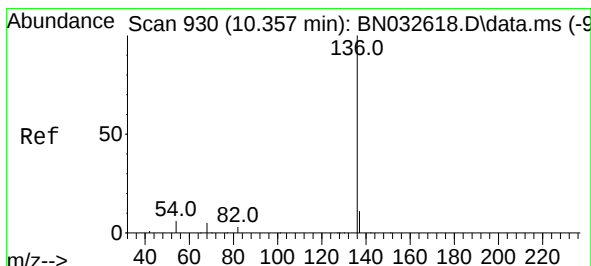
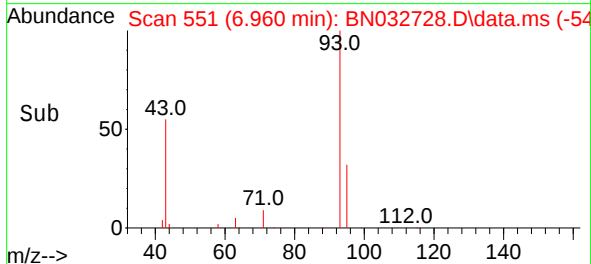
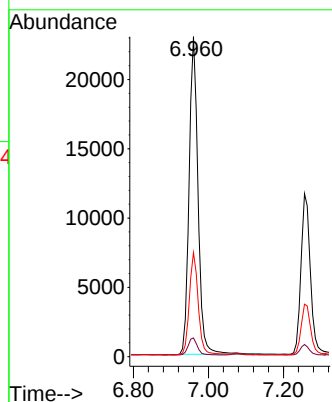
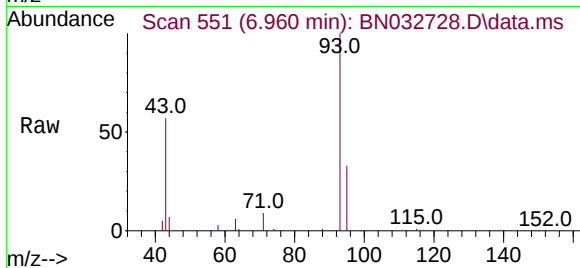




#6
bis(2-Chloroethyl)ether
Concen: 3.986 ng
RT: 6.960 min Scan# 51
Delta R.T. -0.058 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

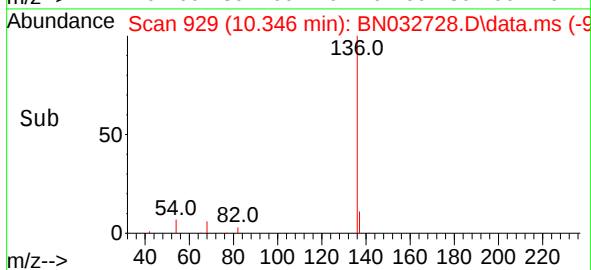
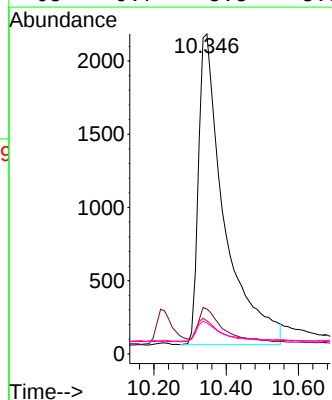
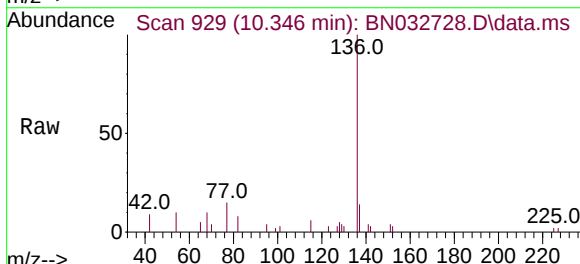
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE

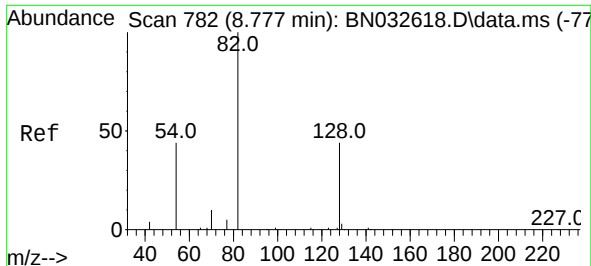
Tgt Ion: 93 Resp: 37646
Ion Ratio Lower Upper
93 100
63 5.5 46.4 69.6#
95 31.7 25.5 38.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.346 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

Tgt Ion:136 Resp: 10541
Ion Ratio Lower Upper
136 100
137 14.1 9.9 14.9
54 10.4 6.5 9.7#
68 9.7 5.8 8.8#

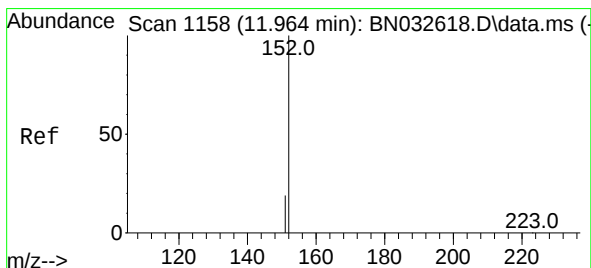
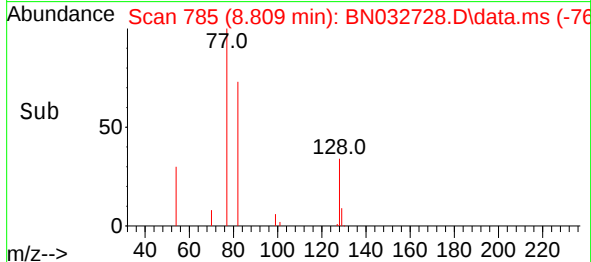
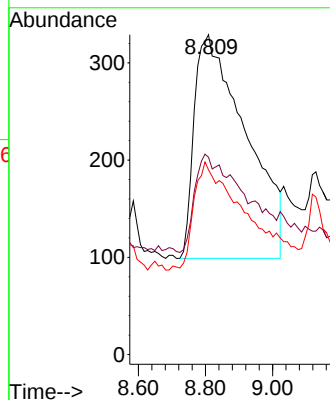
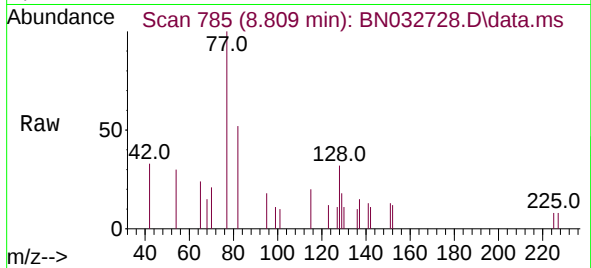




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.809 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

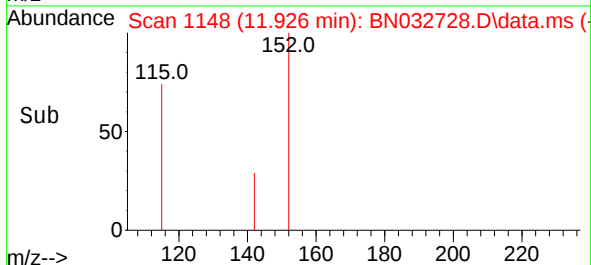
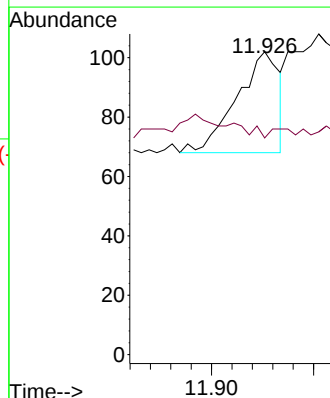
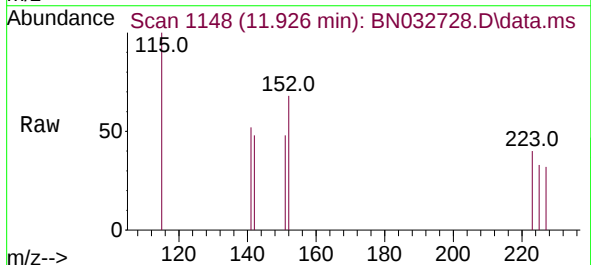
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE

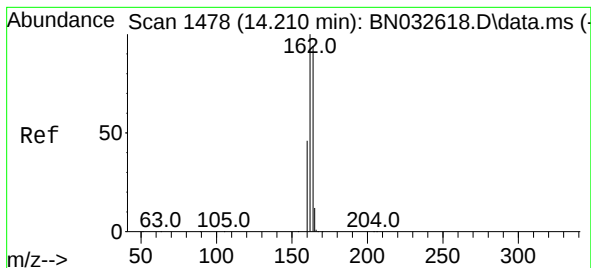
Tgt Ion: 82 Resp: 2455
Ion Ratio Lower Upper
82 100
128 61.7 41.7 62.5
54 57.8 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 11.926 min Scan# 1148
Delta R.T. -0.038 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

Tgt Ion:152 Resp: 49
Ion Ratio Lower Upper
152 100
151 4.1 16.2 24.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.210 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240710RE

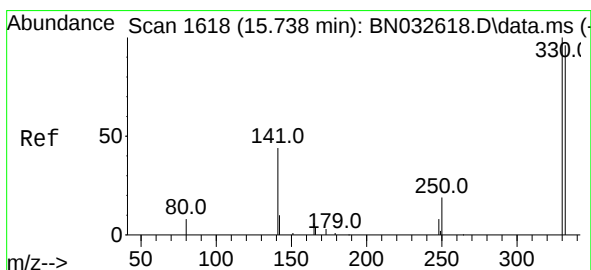
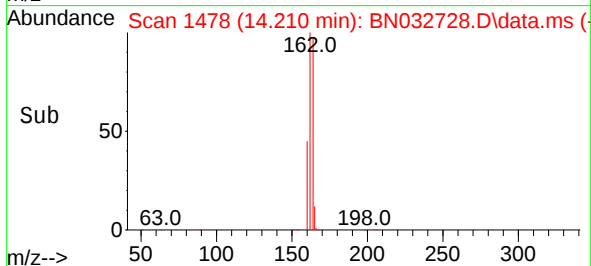
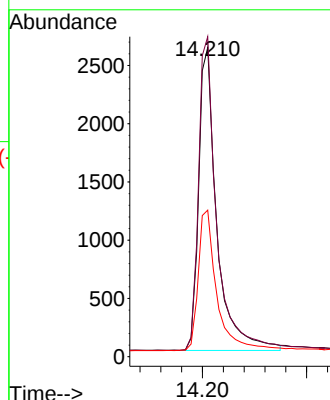
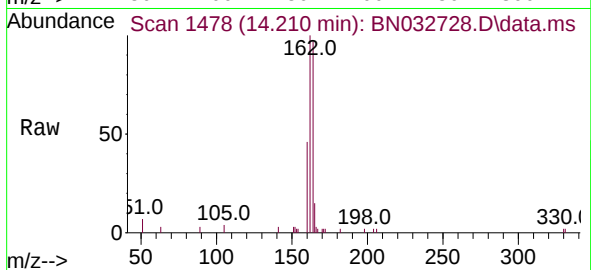
Tgt Ion:164 Resp: 6333

Ion Ratio Lower Upper

164 100

162 103.5 85.0 127.4

160 47.4 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.296 ng

RT: 15.750 min Scan# 1619

Delta R.T. 0.012 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

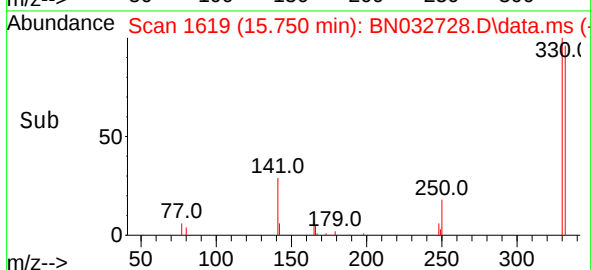
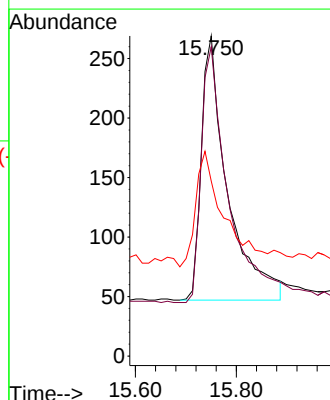
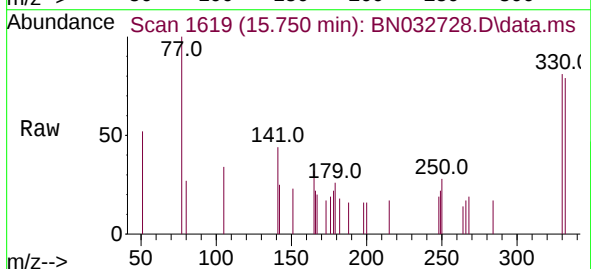
Tgt Ion:330 Resp: 801

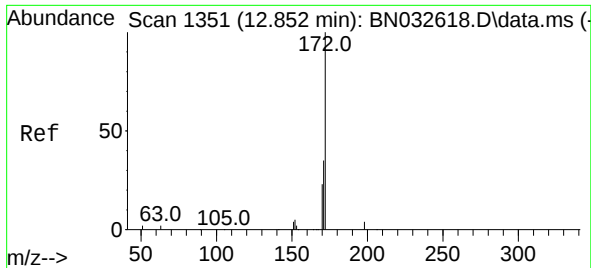
Ion Ratio Lower Upper

330 100

332 100.4 77.8 116.8

141 47.8 34.2 51.2





#15

2-Fluorobiphenyl

Concen: 0.365 ng

RT: 12.831 min Scan# 1349

Delta R.T. -0.021 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240710RE

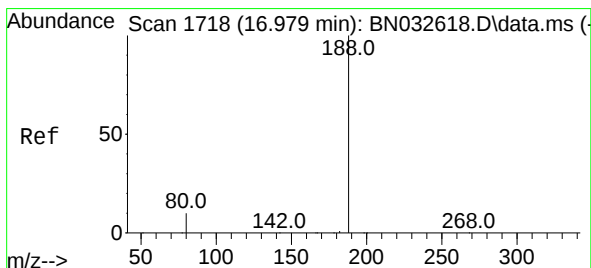
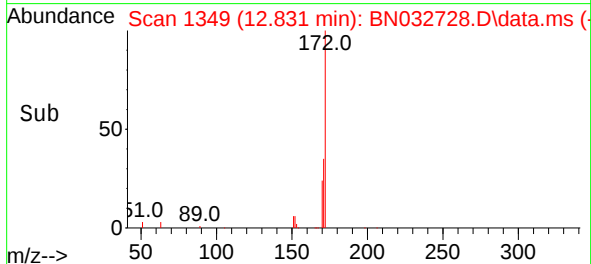
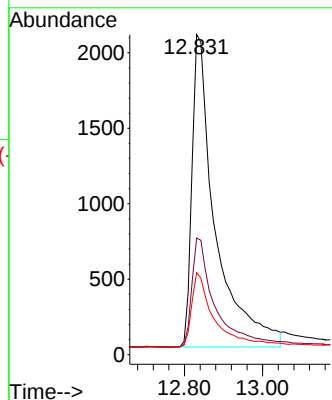
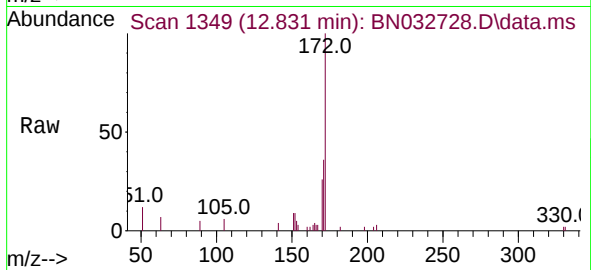
Tgt Ion:172 Resp: 8597

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 25.6 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.979 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

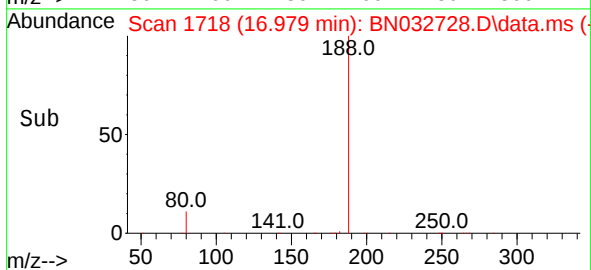
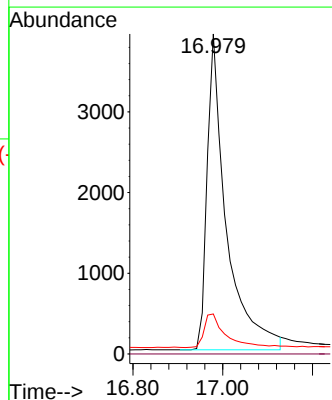
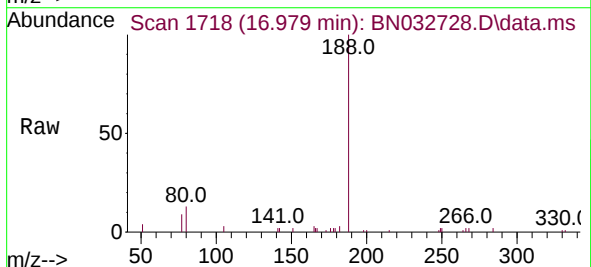
Tgt Ion:188 Resp: 11641

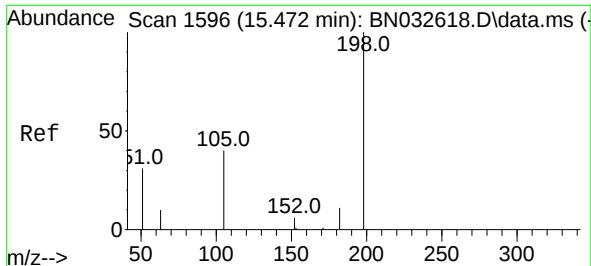
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 8.8 13.2





#20

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 15.514 min Scan# 1

Delta R.T. 0.042 min

Lab File: BN032728.D

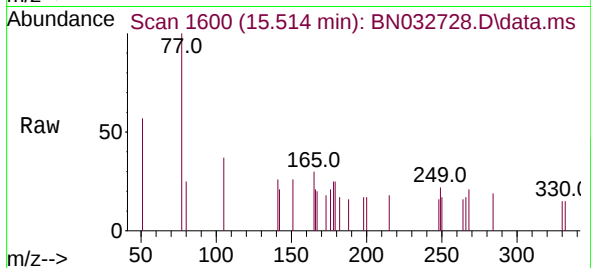
Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240710RE



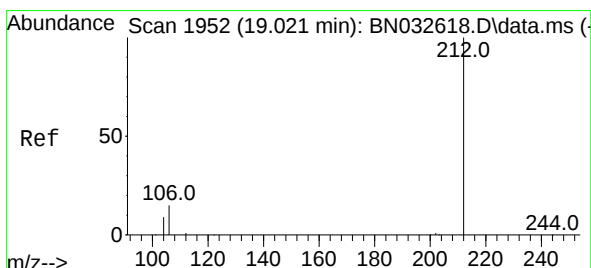
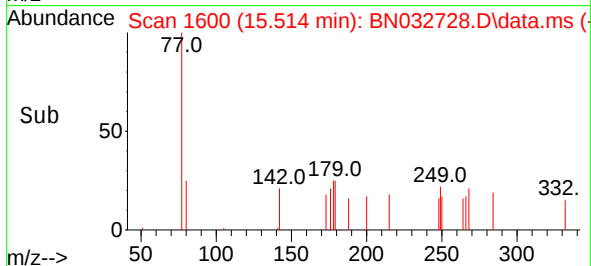
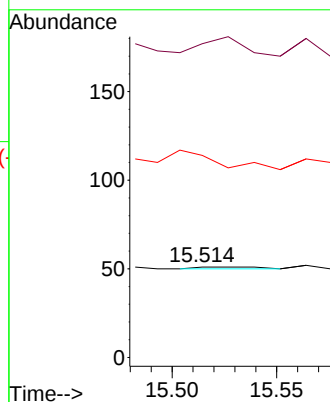
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 347.1 105.7 158.5#

105 223.5 63.0 94.6#



#27

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.012 min Scan# 1950

Delta R.T. -0.009 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

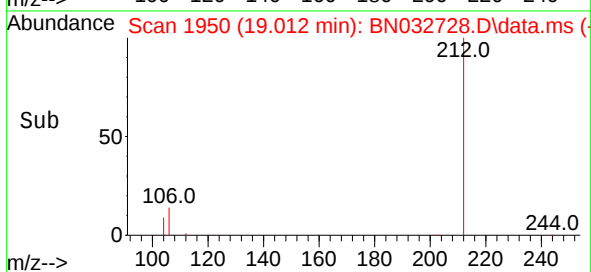
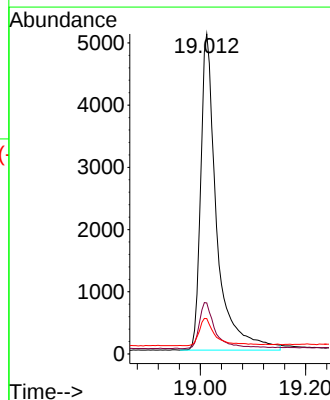
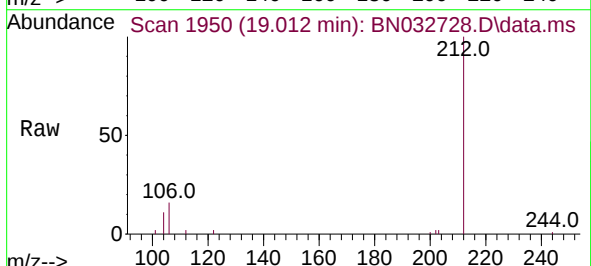
Tgt Ion:212 Resp: 10688

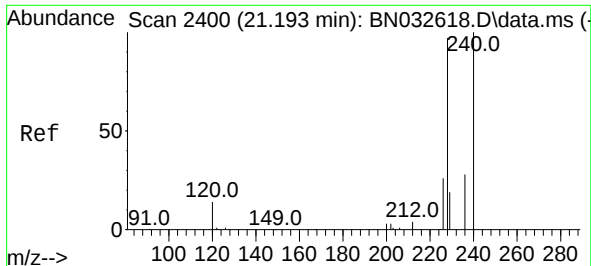
Ion Ratio Lower Upper

212 100

106 15.0 11.9 17.9

104 8.8 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.184 min Scan# 2400

Delta R.T. -0.009 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240710RE

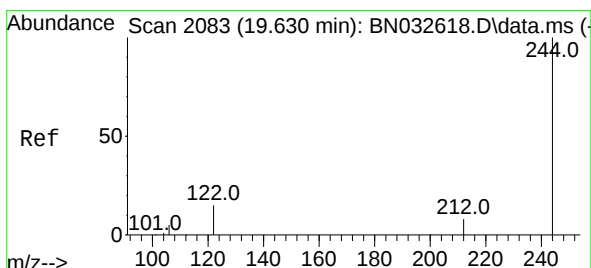
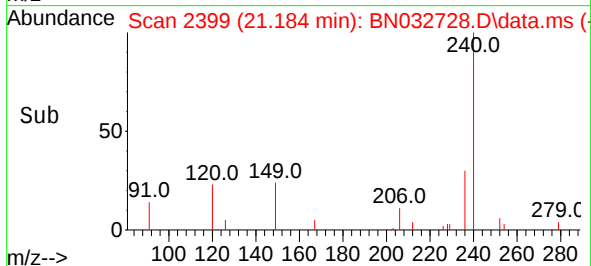
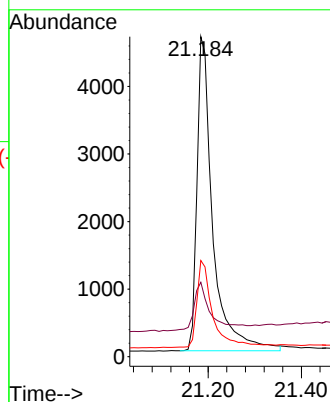
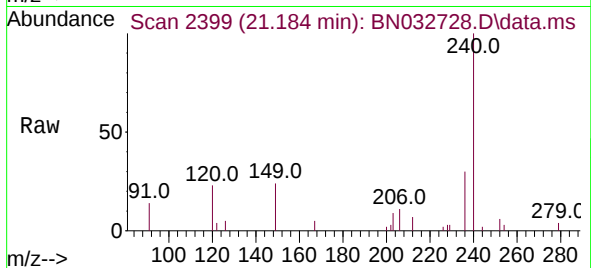
Tgt Ion:240 Resp: 10902

Ion Ratio Lower Upper

240 100

120 23.3 14.8 22.2#

236 30.1 23.3 34.9



#31

Terphenyl-d14

Concen: 0.478 ng

RT: 19.611 min Scan# 2079

Delta R.T. -0.018 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

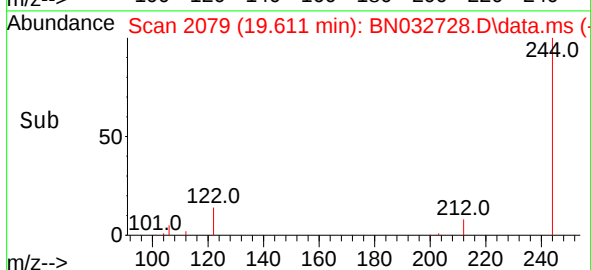
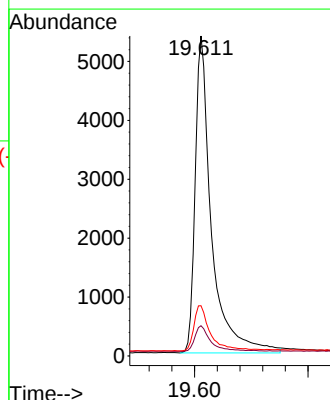
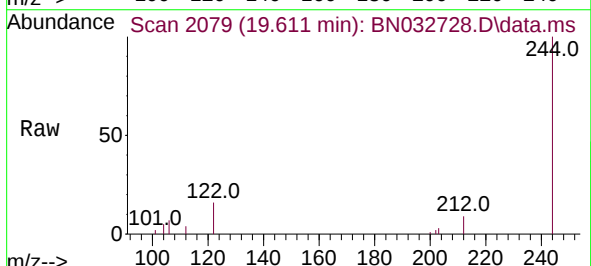
Tgt Ion:244 Resp: 10692

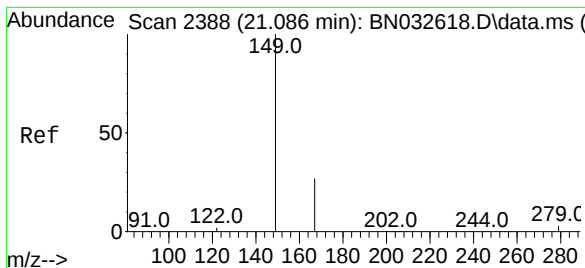
Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 15.7 12.6 19.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.044 ng

RT: 21.077 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240710RE

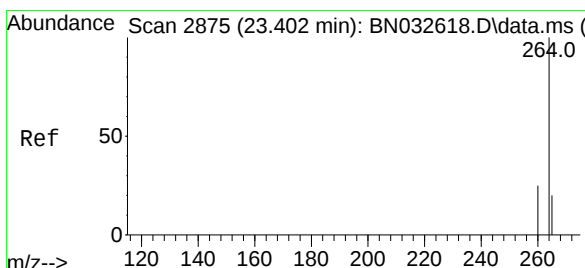
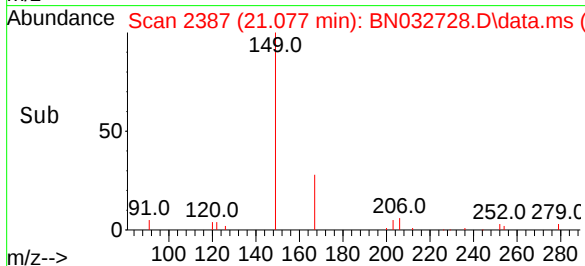
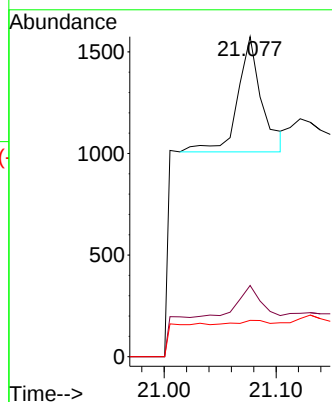
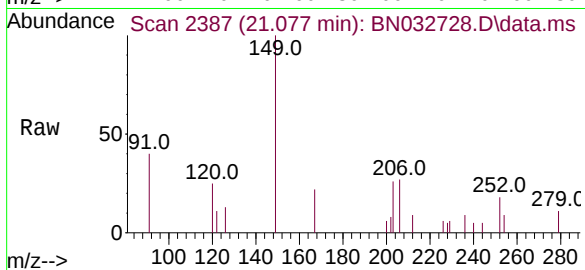
Tgt Ion:149 Resp: 846

Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.2

279 0.0 2.8 4.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.385 min Scan# 2869

Delta R.T. -0.017 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

Tgt Ion:264 Resp: 12021

Ion Ratio Lower Upper

264 100

260 27.2 20.9 31.3

265 107.0 85.4 128.2

