

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
 Data File : BN032727.D
 Acq On : 15 Jul 2024 16:45
 Operator : MA/JU
 Sample : P3222-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240710RE

Quant Time: Jul 15 17:11:32 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)

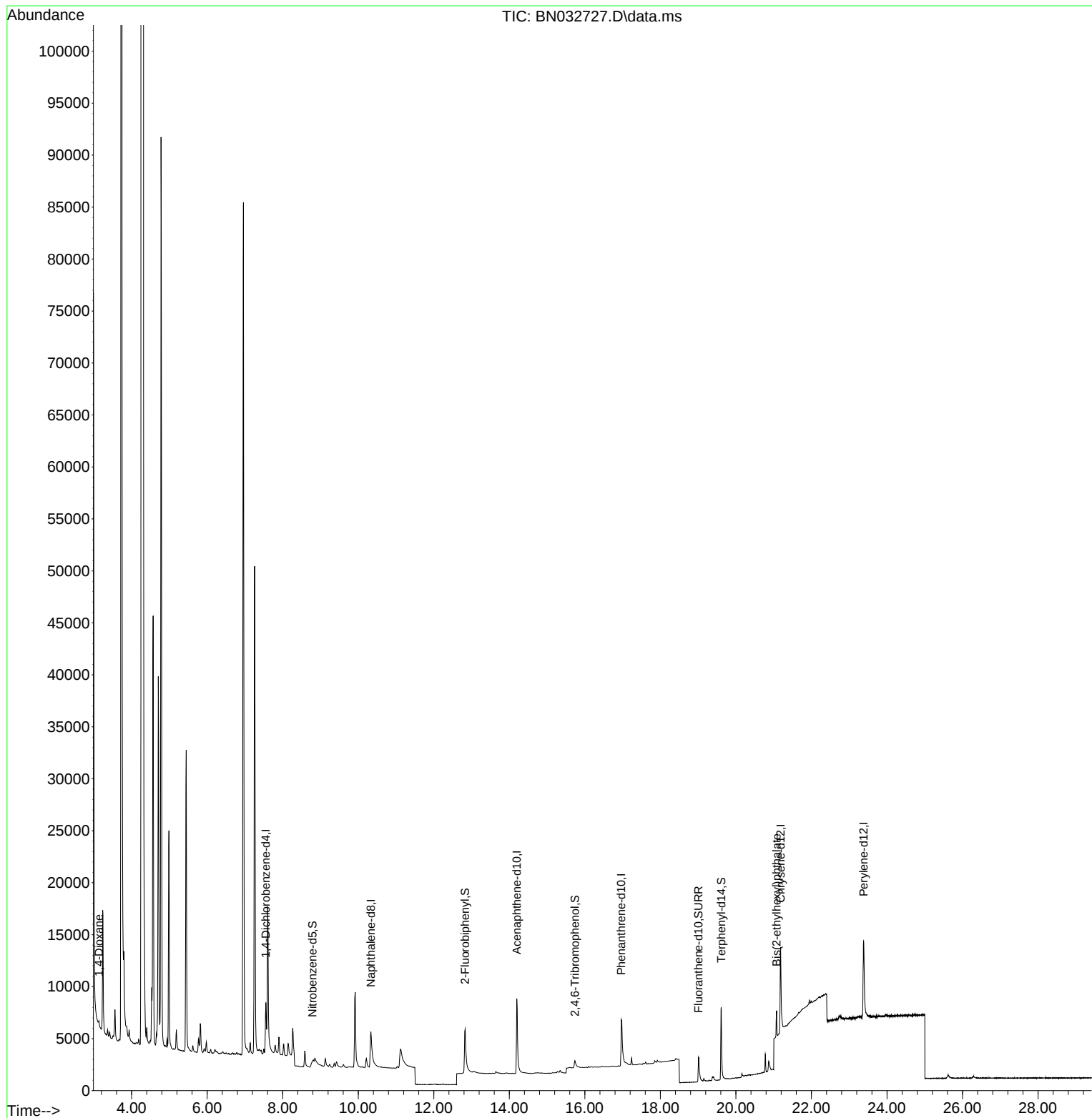
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	3432	0.400	ng	-0.02
7) Naphthalene-d8	10.335	136	10471	0.400	ng	-0.02
13) Acenaphthene-d10	14.199	164	5989	0.400	ng	-0.01
19) Phenanthrene-d10	16.966	188	11369	0.400	ng	#-0.01
29) Chrysene-d12	21.184	240	10733	0.400	ng	0.00
35) Perylene-d12	23.381	264	12214	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	111	0.013	ng	0.00
5) Phenol-d6	6.822	99	13	0.001	ng	0.03
8) Nitrobenzene-d5	8.787	82	2425	0.308	ng	0.01
11) 2-Methylnaphthalene-d10	11.941	152	38	0.002	ng	-0.02
14) 2,4,6-Tribromophenol	15.737	330	728	0.284	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	8096	0.363	ng	-0.02
27) Fluoranthene-d10	19.012	212	3945	0.134	ng	0.00
31) Terphenyl-d14	19.611	244	9664	0.439	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.132	88	274	0.064	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.076	149	2499	0.133	ng	99

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

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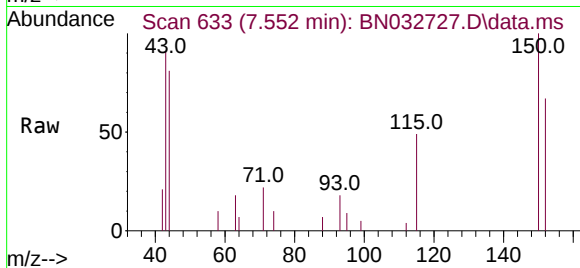
Quant Time: Jul 15 17:11:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
Response via : Initial Calibration



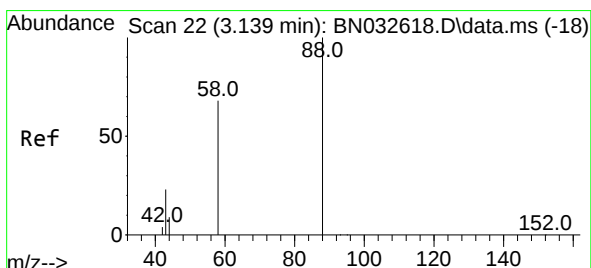
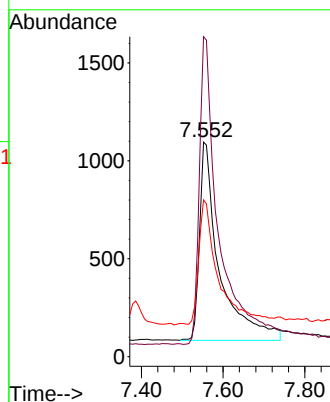
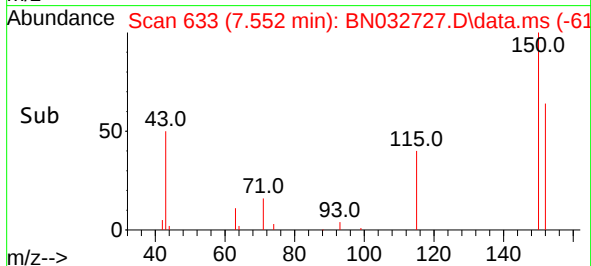


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN032727.D
 Acq: 15 Jul 2024 16:45

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240710RE

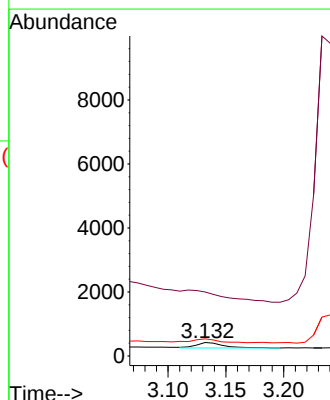
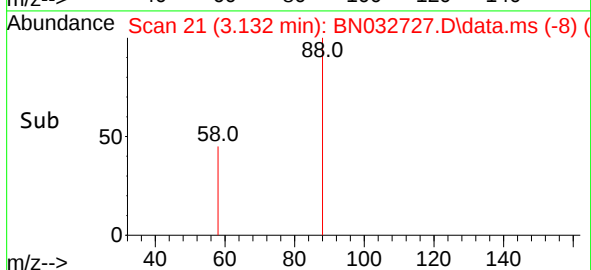
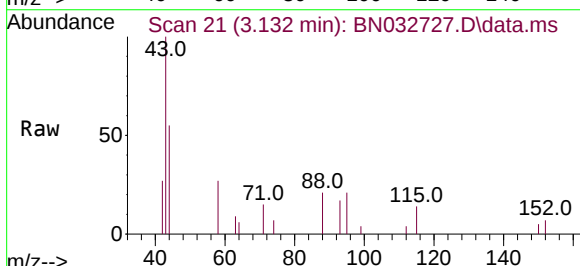


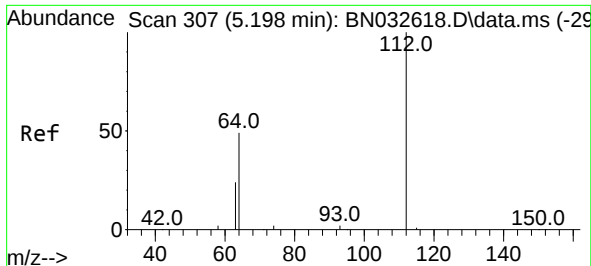
Tgt Ion:152 Resp: 3432
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.8 185.6
 115 73.1 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.064 ng
 RT: 3.132 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN032727.D
 Acq: 15 Jul 2024 16:45

Tgt Ion: 88 Resp: 274
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 70.1 49.2 73.8





#4

2-Fluorophenol

Concen: 0.013 ng

RT: 5.197 min Scan# 307

Delta R.T. -0.000 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240710RE

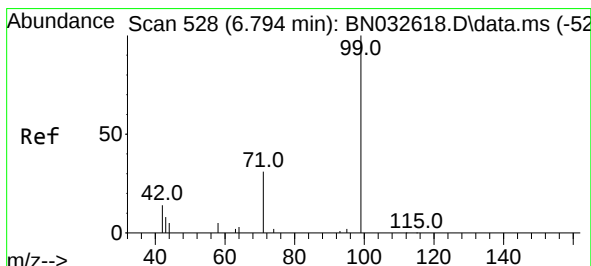
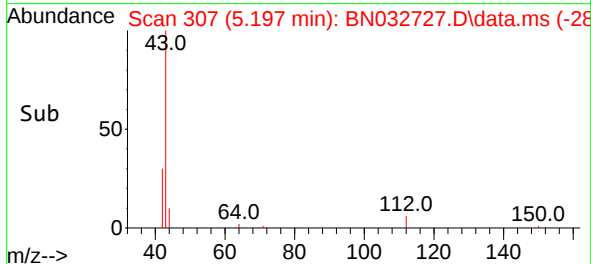
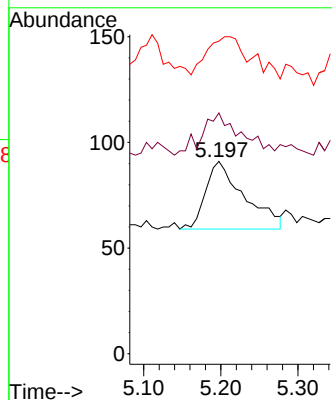
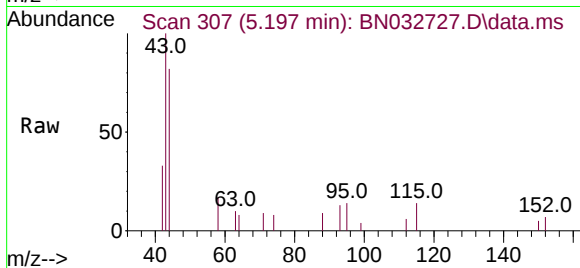
Tgt Ion:112 Resp: 111

Ion Ratio Lower Upper

112 100

64 63.1 40.2 60.4#

63 77.5 22.2 33.4#



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.822 min Scan# 532

Delta R.T. 0.029 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

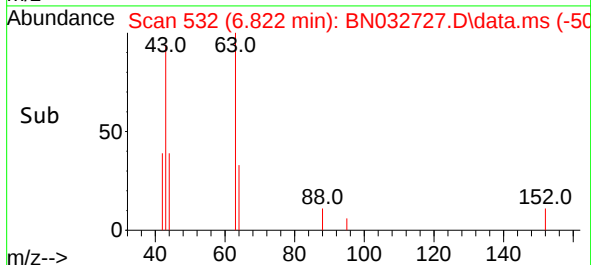
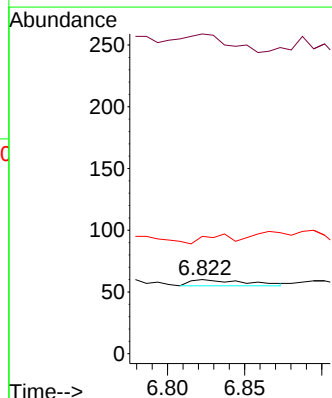
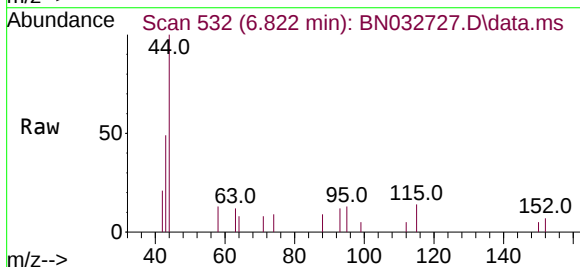
Tgt Ion: 99 Resp: 13

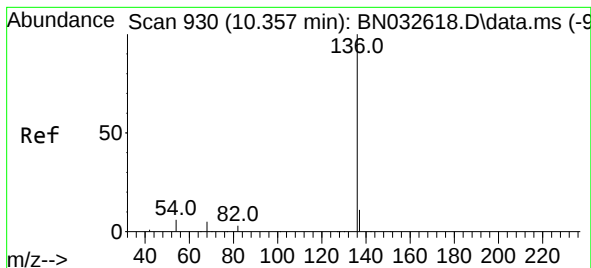
Ion Ratio Lower Upper

99 100

42 0.0 10.5 15.7#

71 0.0 22.3 33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.335 min Scan# 91

Delta R.T. -0.022 min

Lab File: BN032727.D

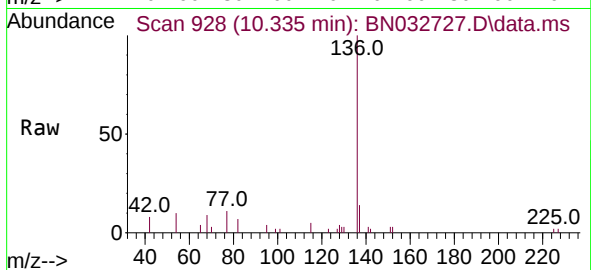
Acq: 15 Jul 2024 16:45

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240710RE



Tgt Ion:136 Resp: 10471

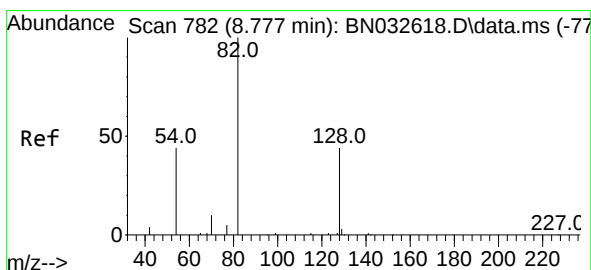
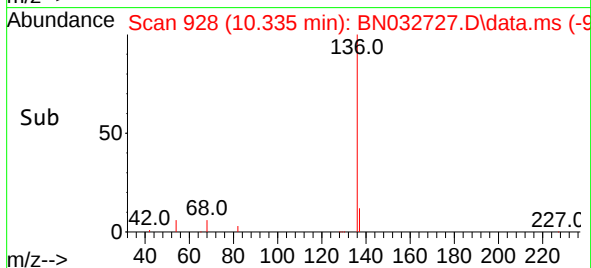
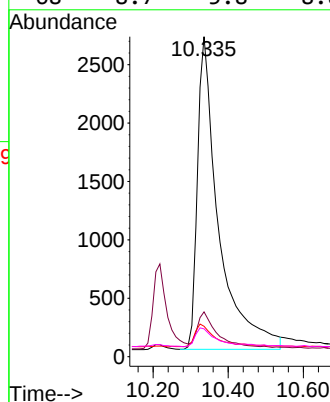
Ion Ratio Lower Upper

136 100

137 14.0 9.9 14.9

54 9.5 6.5 9.7

68 8.7 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 8.787 min Scan# 783

Delta R.T. 0.010 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

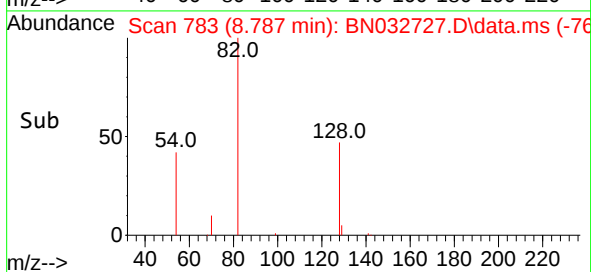
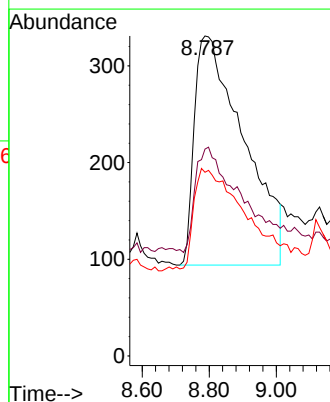
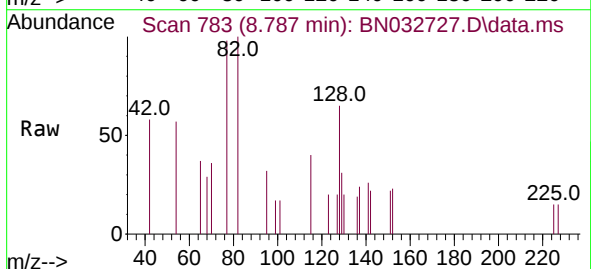
Tgt Ion: 82 Resp: 2425

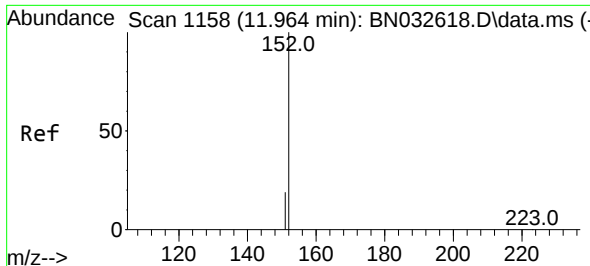
Ion Ratio Lower Upper

82 100

128 64.7 41.7 62.5#

54 57.4 39.5 59.3





#11

2-Methylnaphthalene-d10

Concen: 0.002 ng

RT: 11.941 min Scan# 1152

Delta R.T. -0.023 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

Instrument :

BNA_N

ClientSampleId :

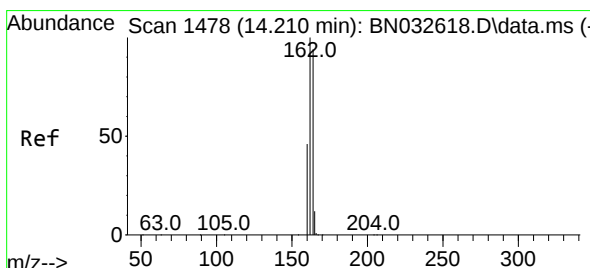
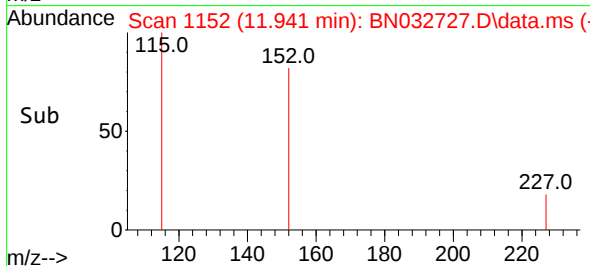
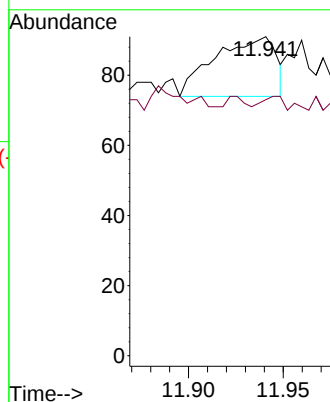
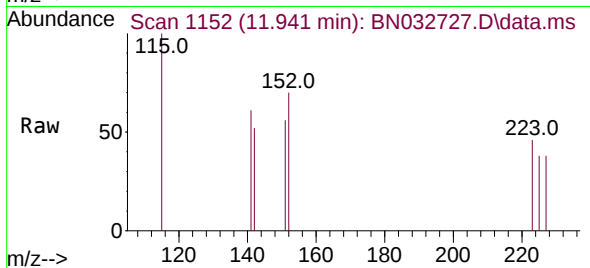
VPB196-HYD-20240710RE

Tgt Ion:152 Resp: 38

Ion Ratio Lower Upper

152 100

151 5.3 16.2 24.2#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.199 min Scan# 1477

Delta R.T. -0.011 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

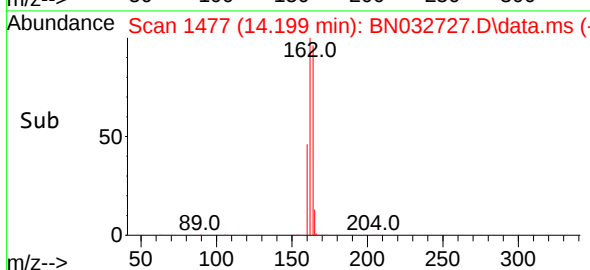
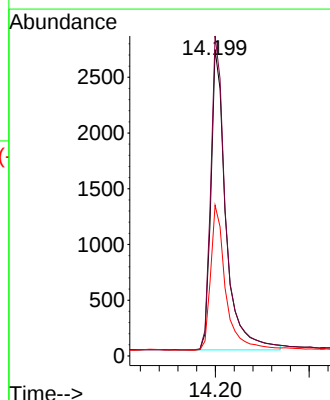
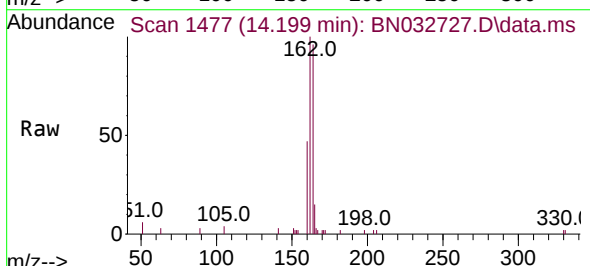
Tgt Ion:164 Resp: 5989

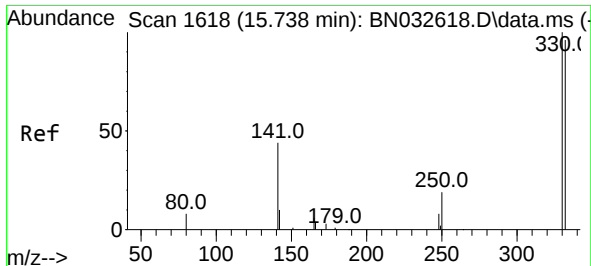
Ion Ratio Lower Upper

164 100

162 104.4 85.0 127.4

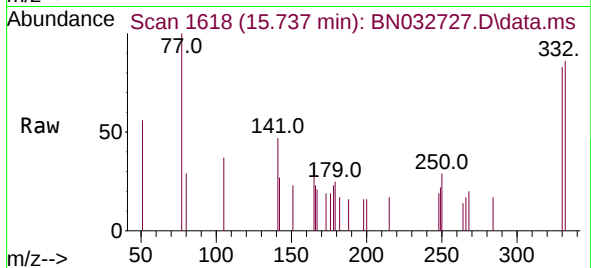
160 49.2 39.4 59.2



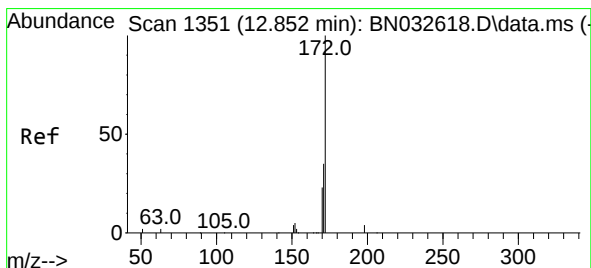
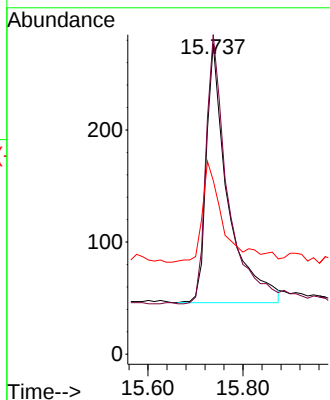
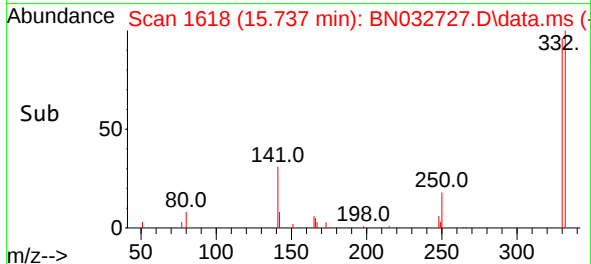


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

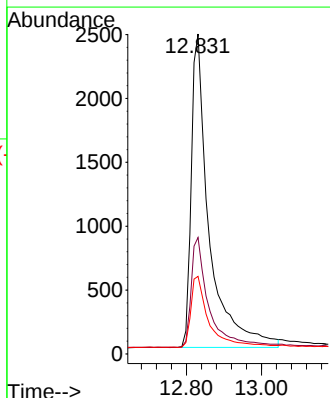
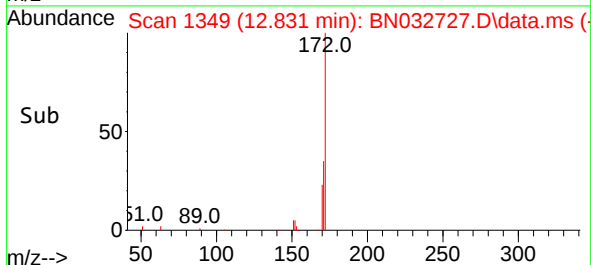
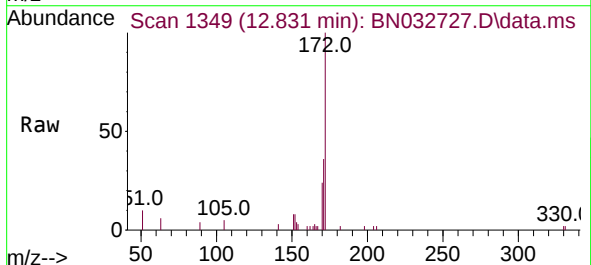


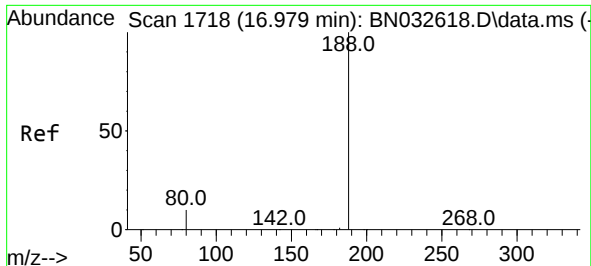
Tgt Ion:330 Resp: 728
Ion Ratio Lower Upper
330 100
332 105.5 77.8 116.8
141 38.6 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.831 min Scan# 1349
Delta R.T. -0.022 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Tgt Ion:172 Resp: 8096
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.3 19.0 28.6

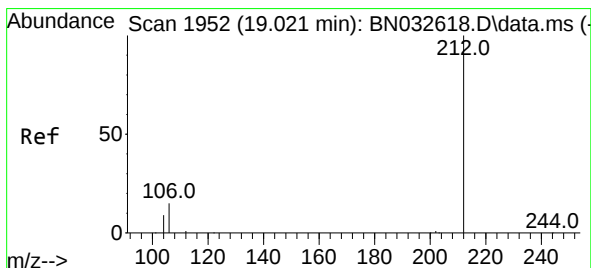
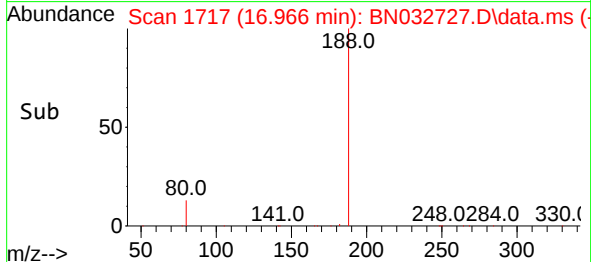
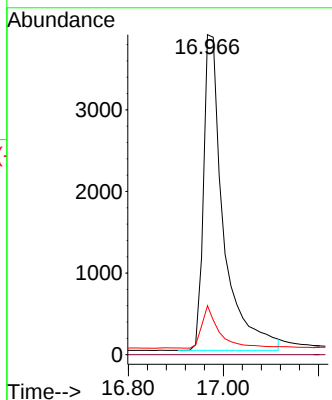
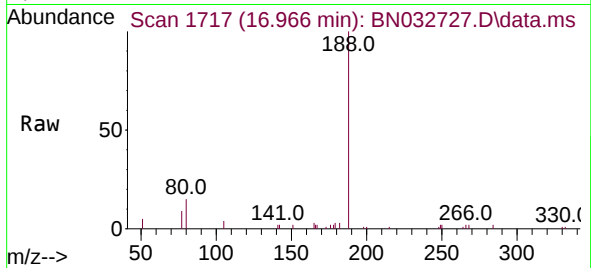




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

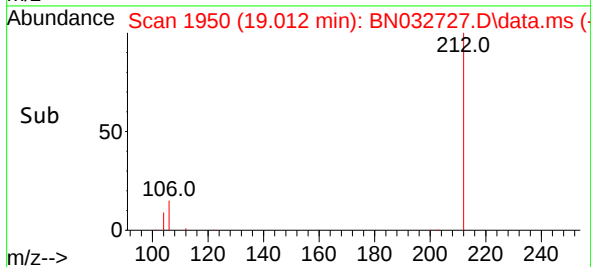
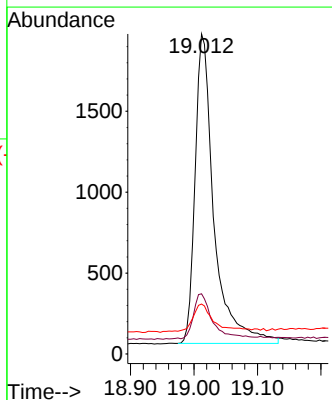
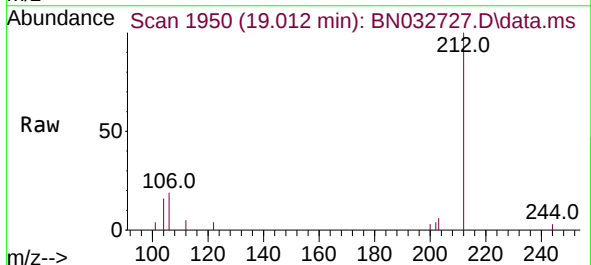
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

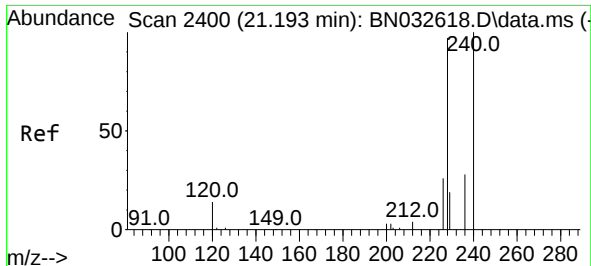
Tgt Ion:188 Resp: 11369
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.134 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Tgt Ion:212 Resp: 3945
Ion Ratio Lower Upper
212 100
106 15.2 11.9 17.9
104 10.8 6.9 10.3#

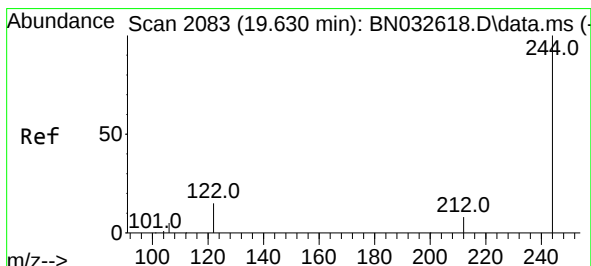
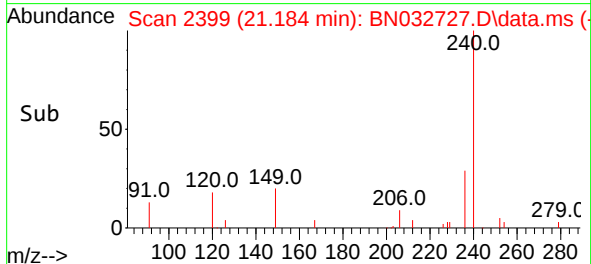
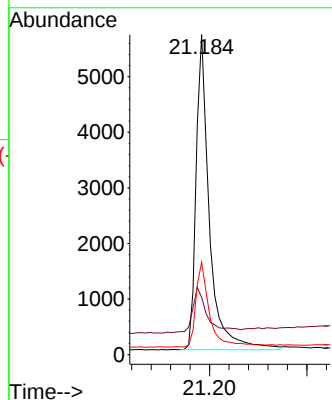
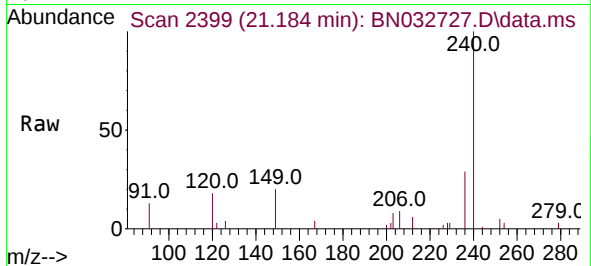




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.184 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

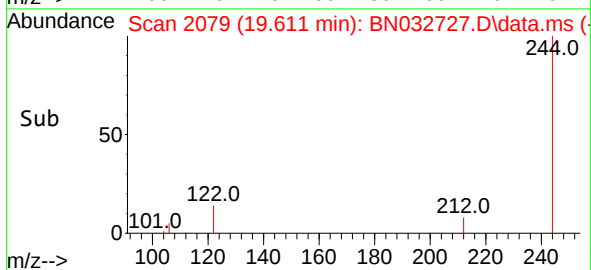
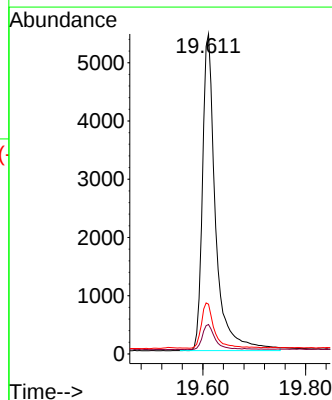
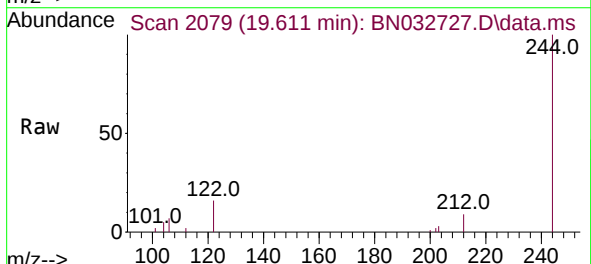
Instrument :
BNA_N
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VPB196-HYD-20240710RE

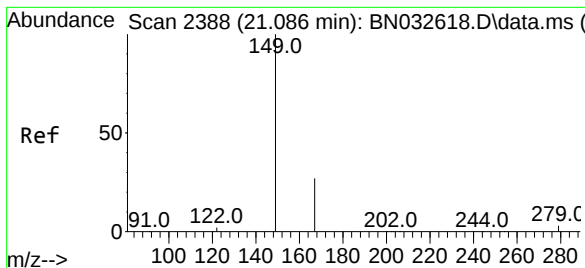
Tgt Ion:240 Resp: 10733
Ion Ratio Lower Upper
240 100
120 17.9 14.8 22.2
236 28.9 23.3 34.9



#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.611 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Tgt Ion:244 Resp: 9664
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 15.6 12.6 19.0

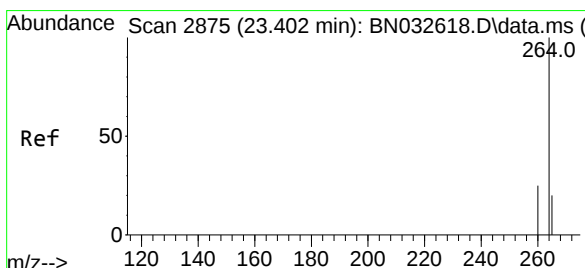
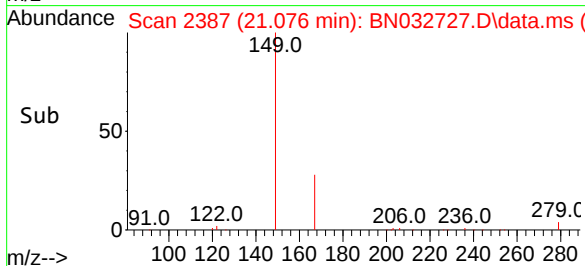
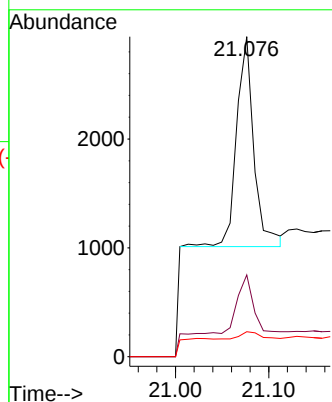
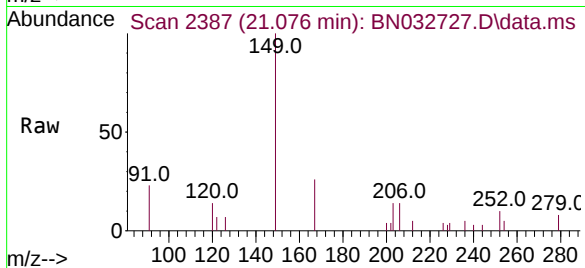




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.076 min Scan# 2107
Delta R.T. -0.009 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

Tgt Ion:149 Resp: 2499
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 3.8 2.8 4.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.381 min Scan# 2868
Delta R.T. -0.021 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Tgt Ion:264 Resp: 12214
Ion Ratio Lower Upper
264 100
260 26.5 20.9 31.3
265 102.0 85.4 128.2

