

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)

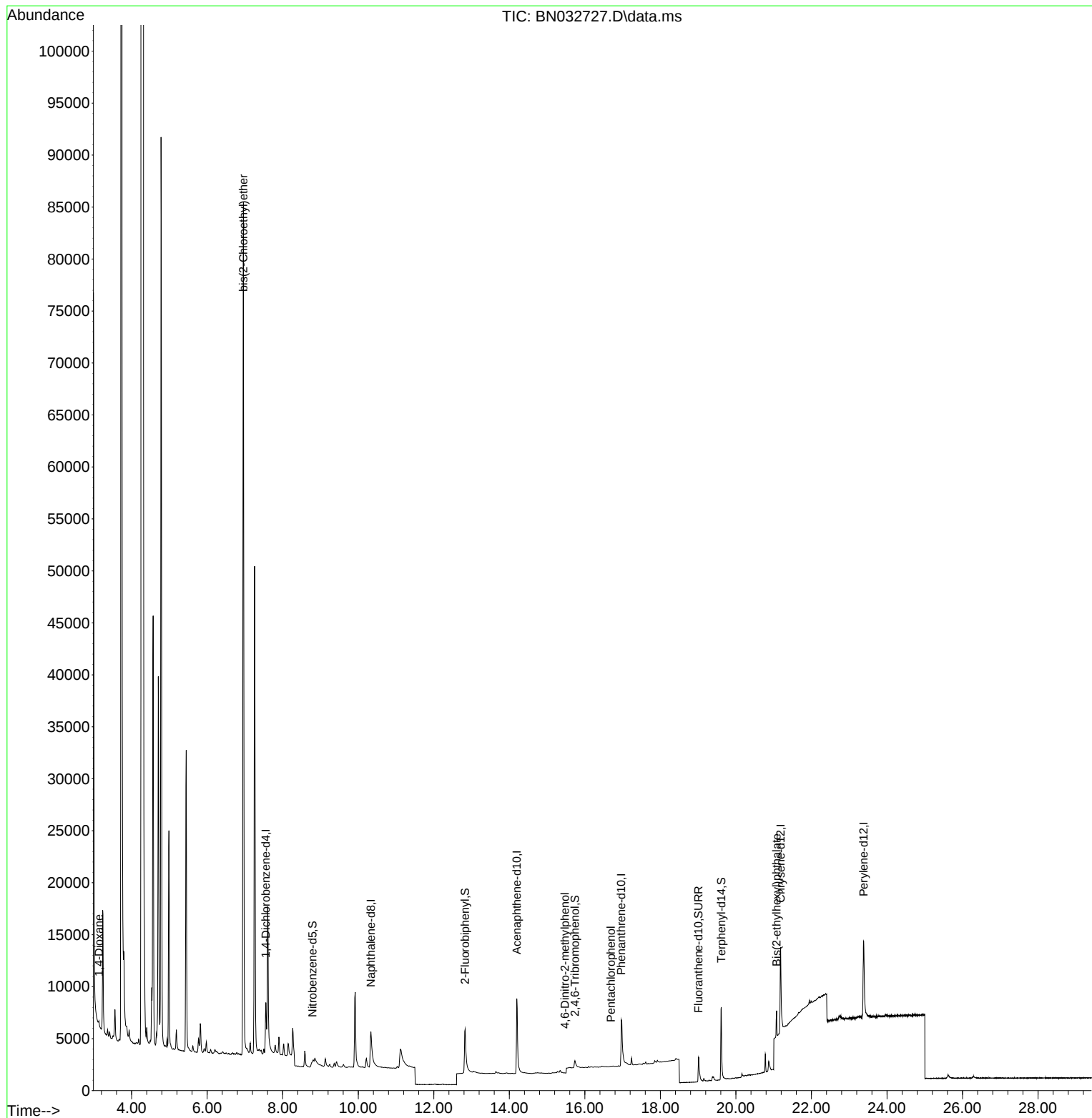
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	3432	0.400	ng	-0.02
7) Naphthalene-d8	10.335	136	10471	0.400	ng	-0.02
13) Acenaphthene-d10	14.199	164	5989	0.400	ng	-0.01
19) Phenanthrene-d10	16.966	188	11369	0.400	ng	#-0.01
29) Chrysene-d12	21.184	240	10733	0.400	ng	0.00
35) Perylene-d12	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						Qvalue
2) 1,4-Dioxane	3.132	88	274	0.064	ng	# 79
6) bis(2-Chloroethyl)ether	6.960	93	65168	7.232	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.471	198	1	0.294	ng	# 1
24) Pentachlorophenol	16.693	266	77	0.028	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.076	149	2499	0.133	ng	99

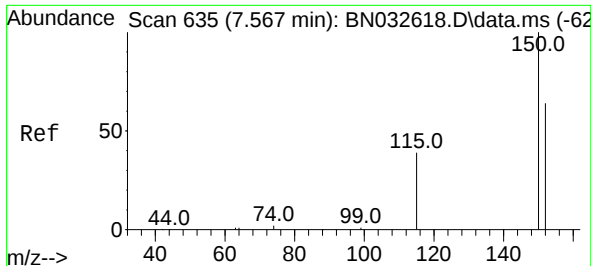
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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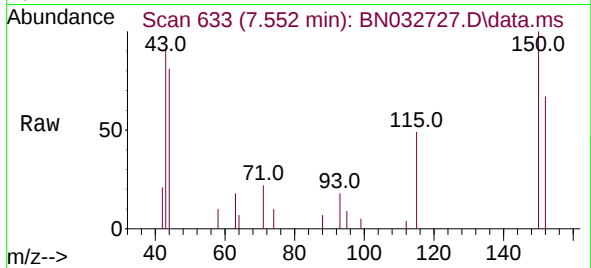
Quant Time: Jul 15 17:11:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
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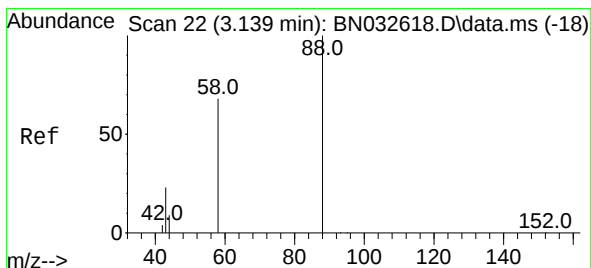
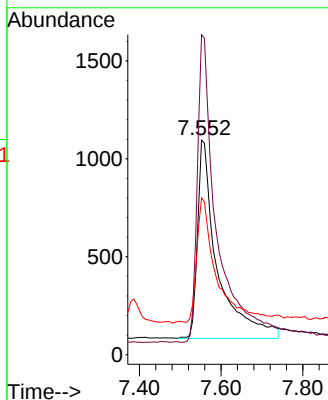
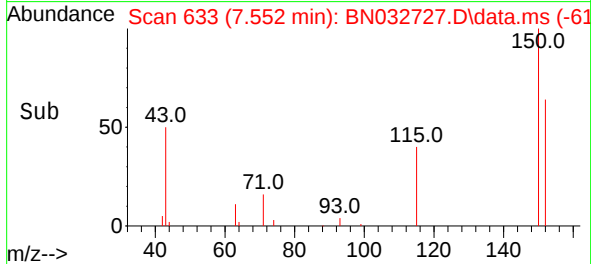


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

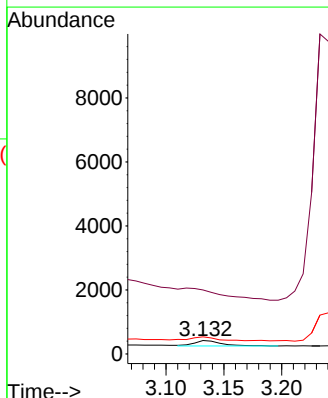
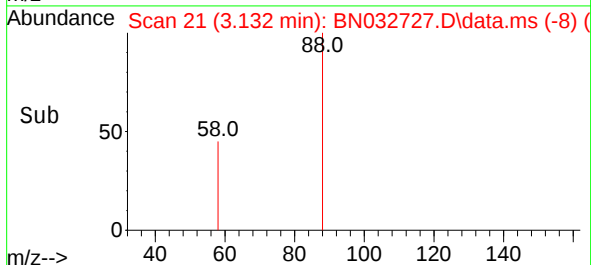
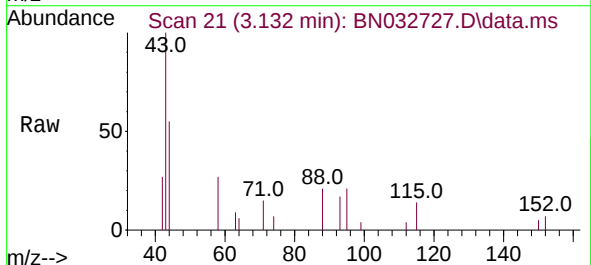


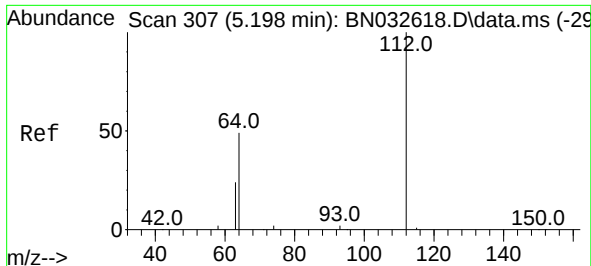
Tgt Ion:152 Resp: 3432
Ion Ratio Lower Upper
152 100
150 149.1 123.8 185.6
115 73.1 52.8 79.2



#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

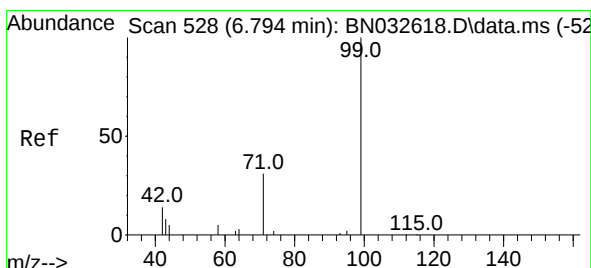
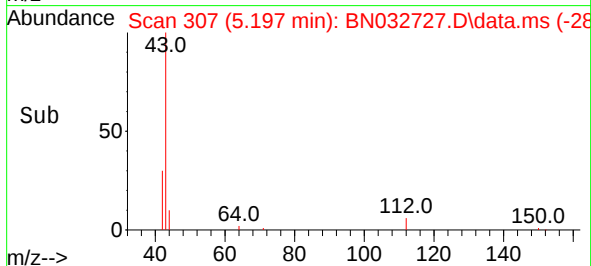
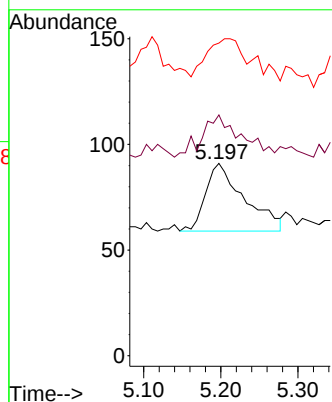
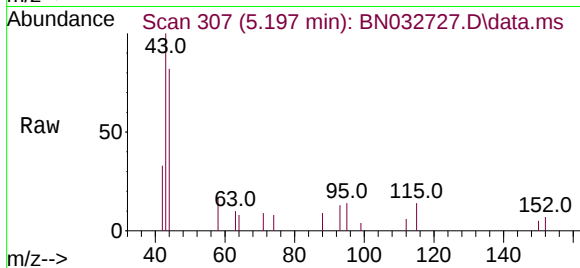
Tgt Ion:112 Resp: 111

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

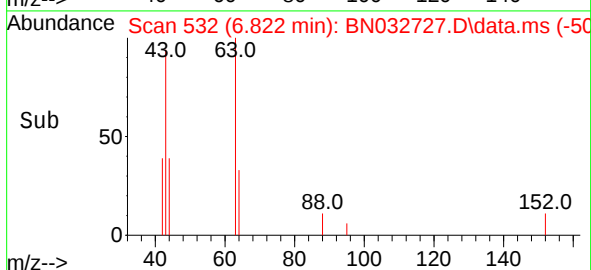
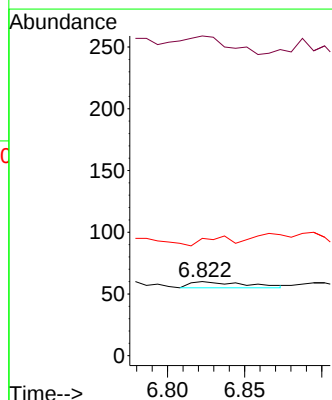
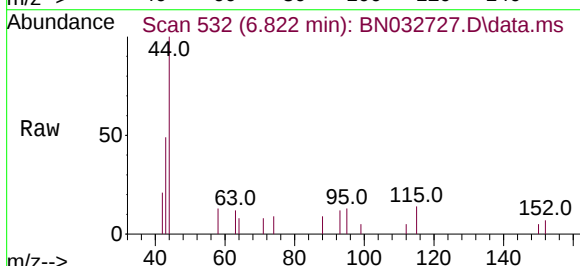
Tgt Ion: 99 Resp: 13

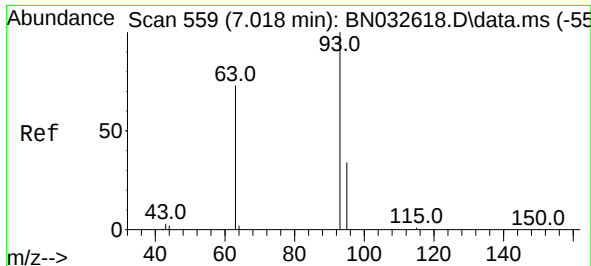
Ion Ratio Lower Upper

99 100

42 0.0 10.5 15.7#

71 0.0 22.3 33.5#

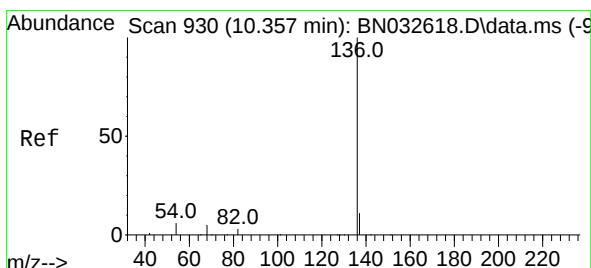
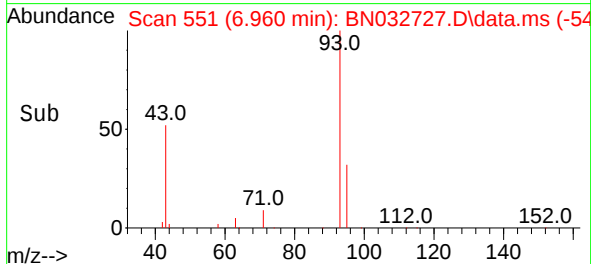
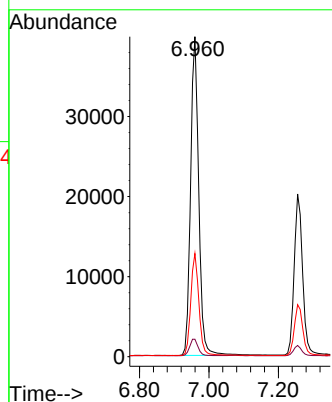
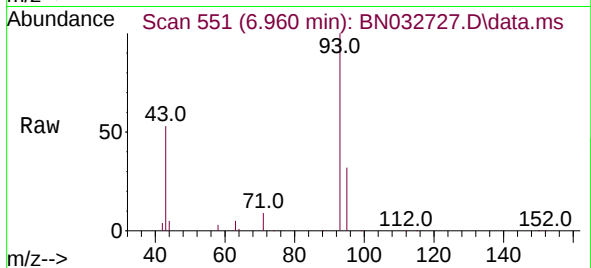




#6
bis(2-Chloroethyl)ether
Concen: 7.232 ng
RT: 6.960 min Scan# 51
Delta R.T. -0.058 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

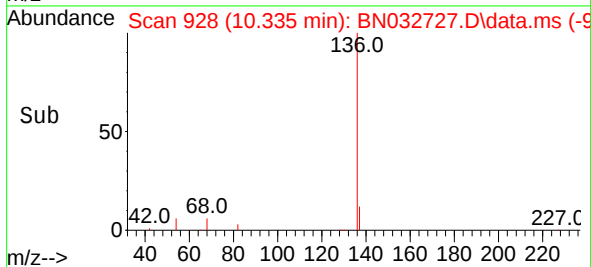
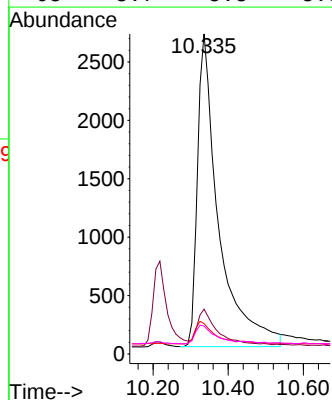
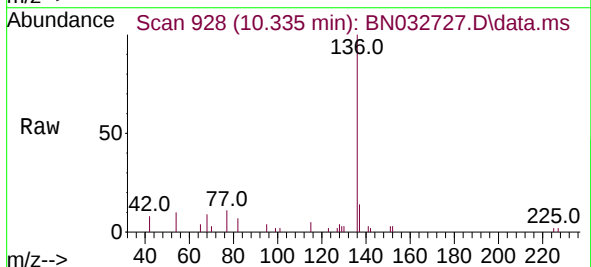
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

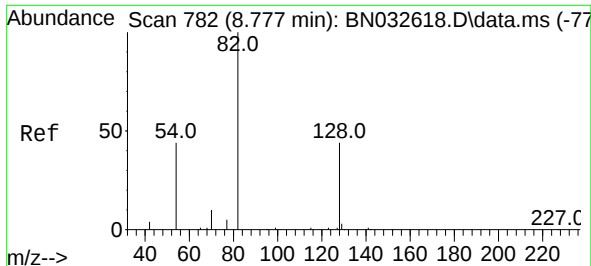
Tgt Ion: 93 Resp: 65168
Ion Ratio Lower Upper
93 100
63 5.4 46.4 69.6#
95 31.8 25.5 38.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.335 min Scan# 928
Delta R.T. -0.022 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

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

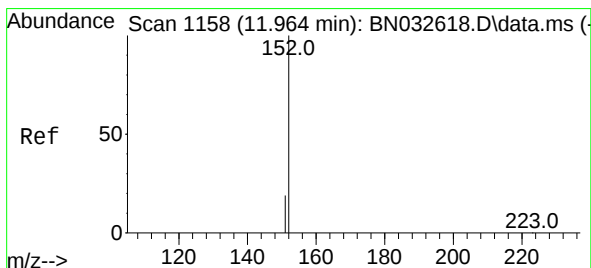
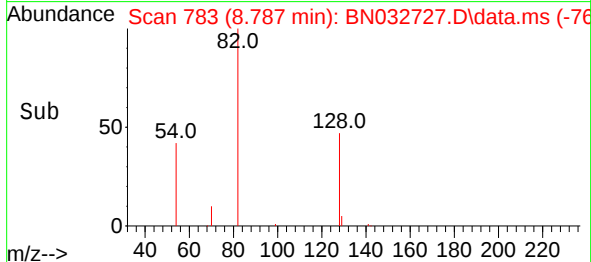
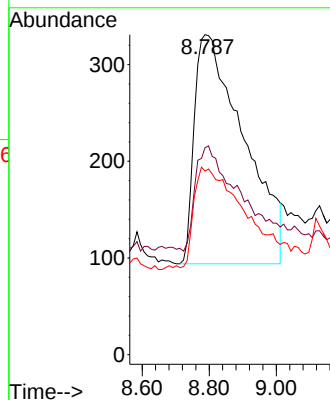
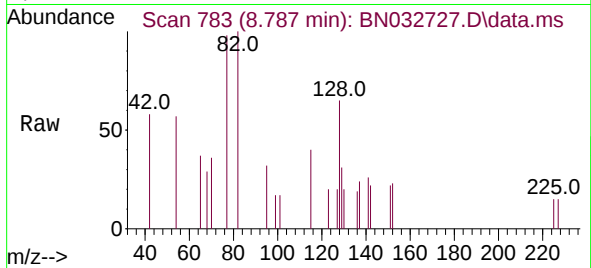




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.787 min Scan# 71
Delta R.T. 0.010 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

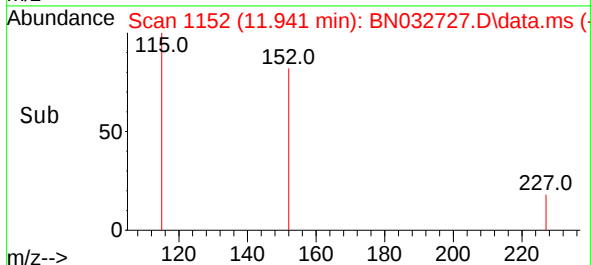
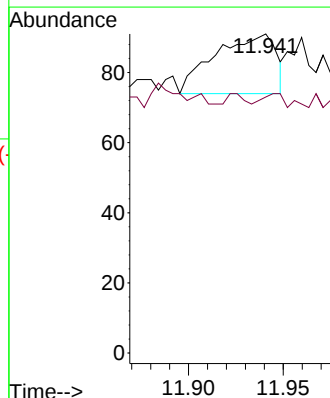
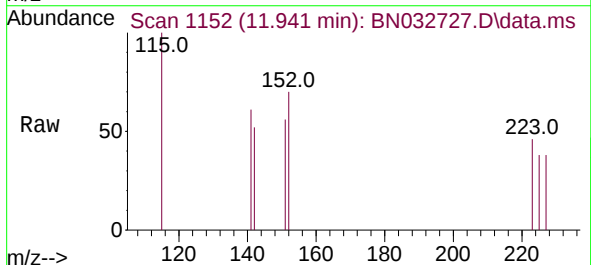
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

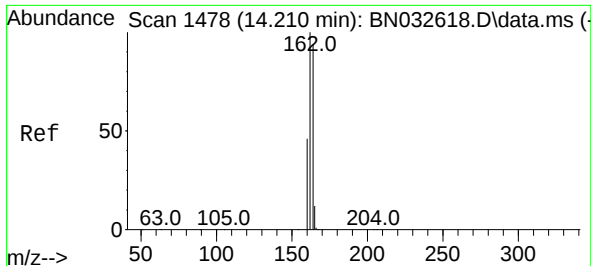
Tgt Ion: 82 Resp: 2425
Ion Ratio Lower Upper
82 100
128 64.7 41.7 62.5#
54 57.4 39.5 59.3



#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

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

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240710RE

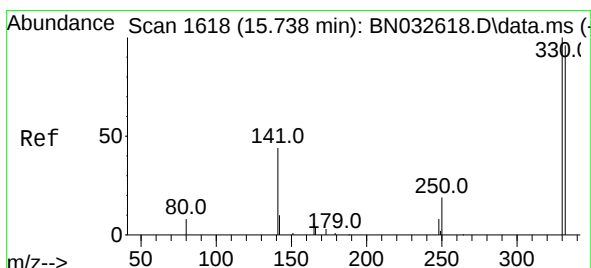
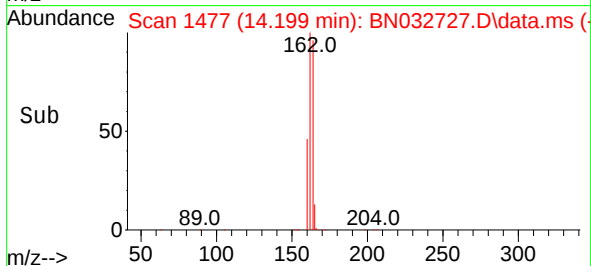
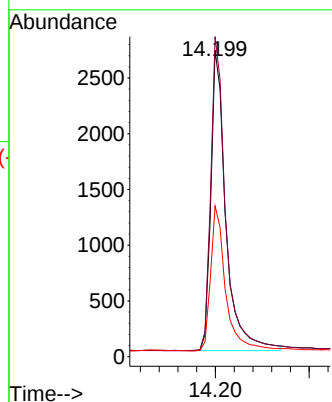
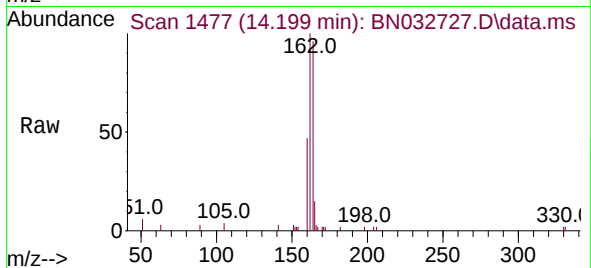
Tgt Ion:164 Resp: 5989

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# 1618

Delta R.T. -0.000 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

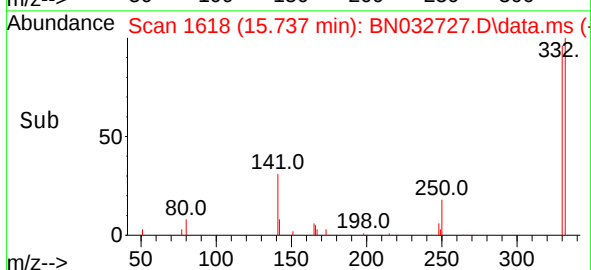
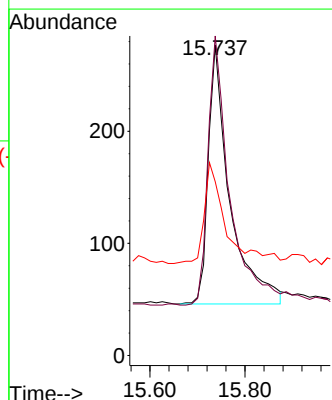
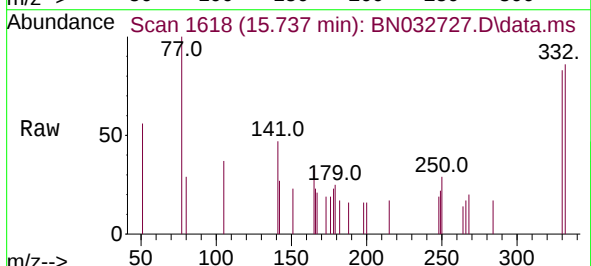
Tgt Ion:330 Resp: 728

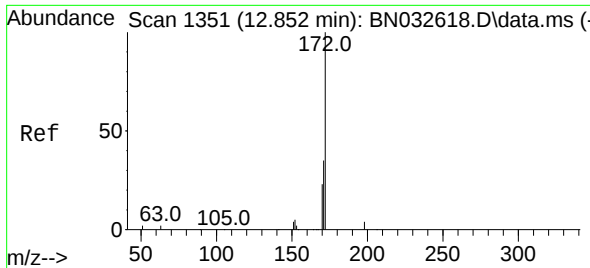
Ion Ratio Lower Upper

330 100

332 105.5 77.8 116.8

141 38.6 34.2 51.2

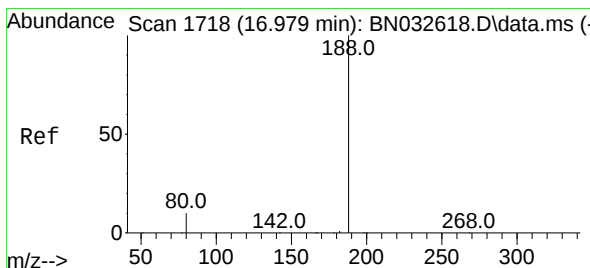
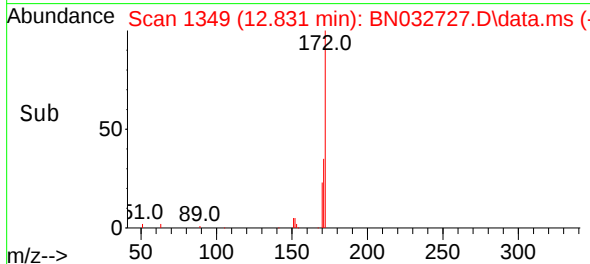
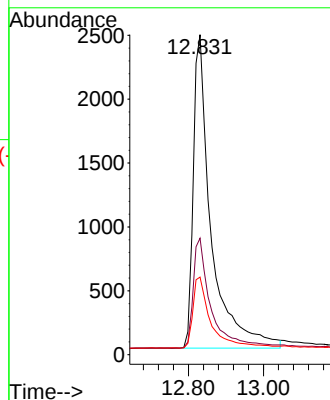
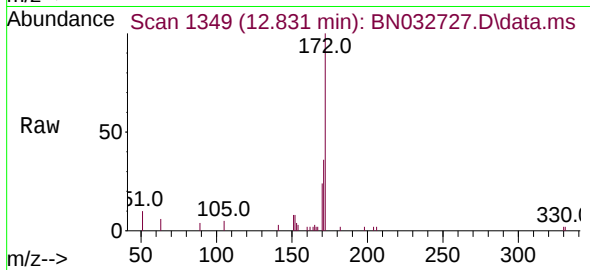




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.831 min Scan# 1349
Delta R.T. -0.022 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

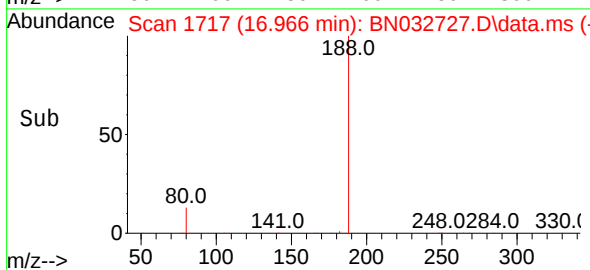
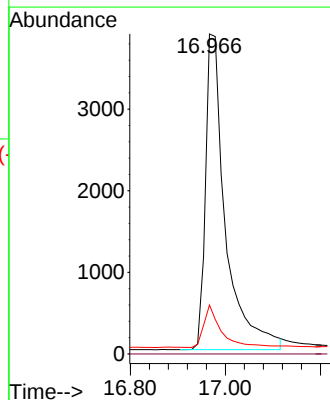
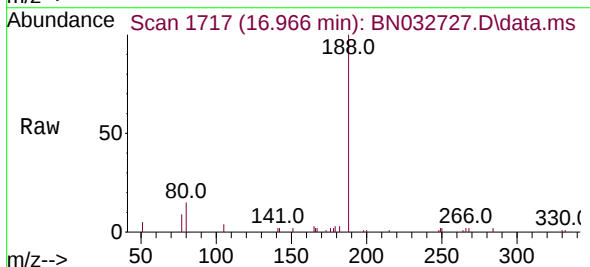
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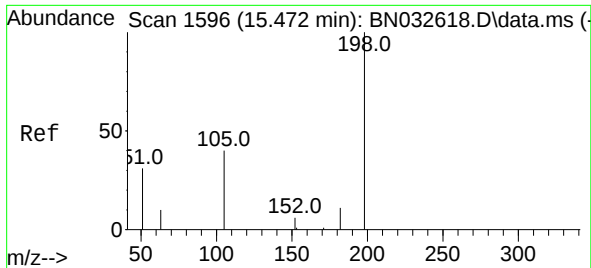
Tgt Ion:	172	Resp:	8096
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.6	43.0
170	24.3	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.013 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

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





#20

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 15.471 min Scan# 1596

Delta R.T. -0.001 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240710RE

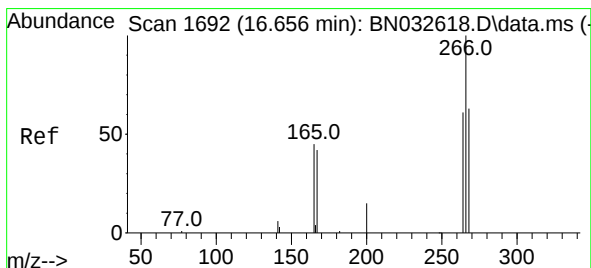
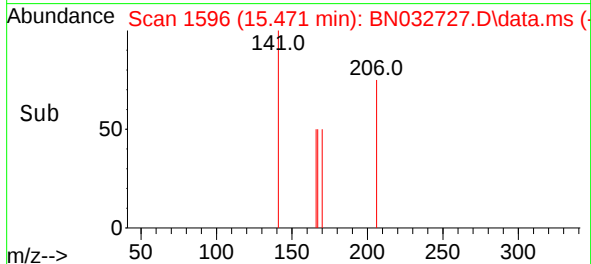
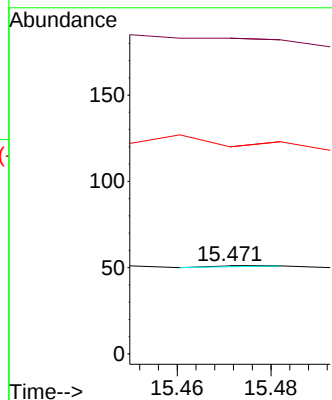
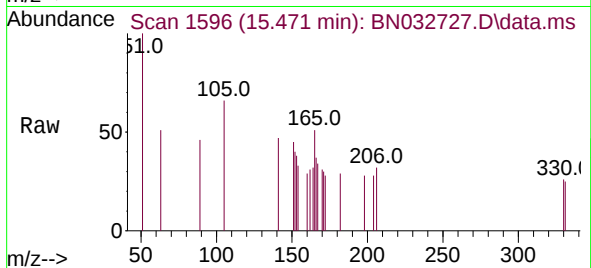
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 358.8 105.7 158.5#

105 235.3 63.0 94.6#



#24

Pentachlorophenol

Concen: 0.028 ng

RT: 16.693 min Scan# 1695

Delta R.T. 0.037 min

Lab File: BN032727.D

Acq: 15 Jul 2024 16:45

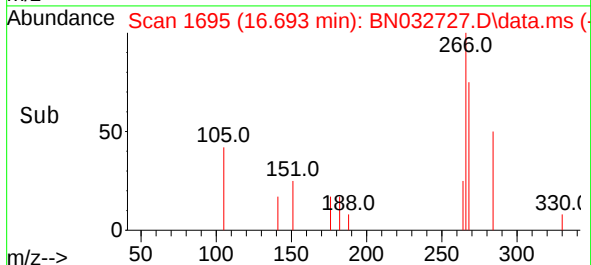
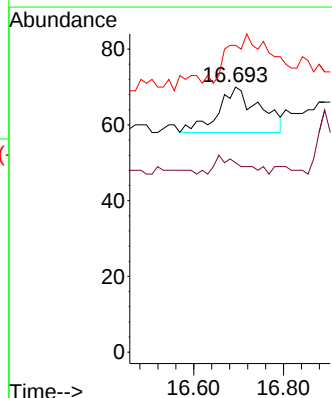
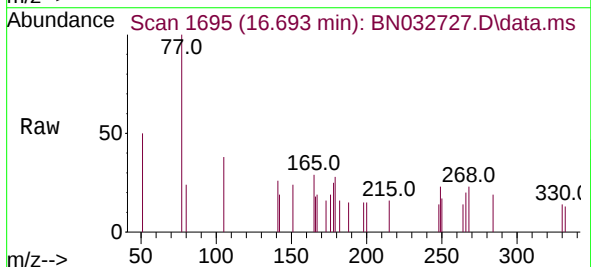
Tgt Ion:266 Resp: 77

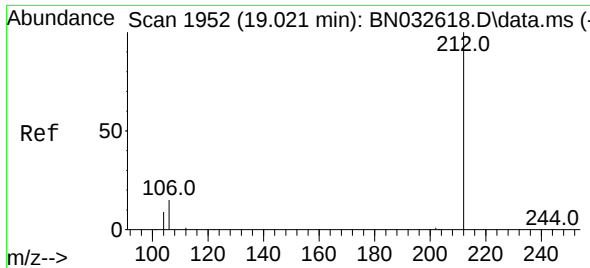
Ion Ratio Lower Upper

266 100

264 0.0 50.2 75.2#

268 0.0 52.8 79.2#

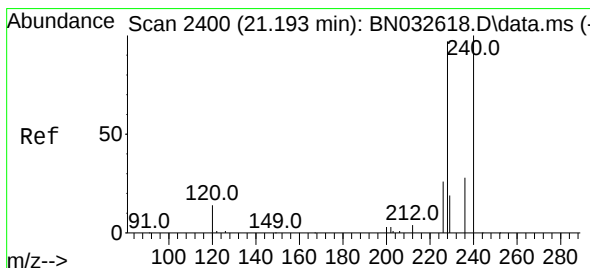
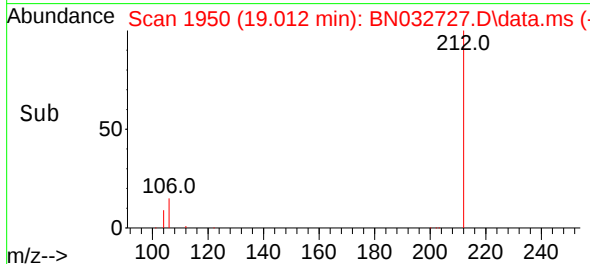
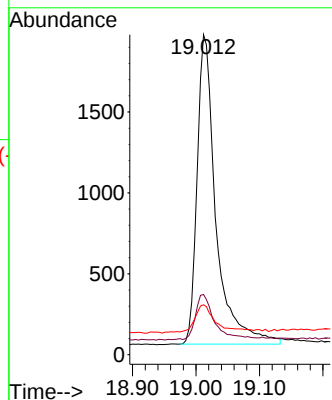
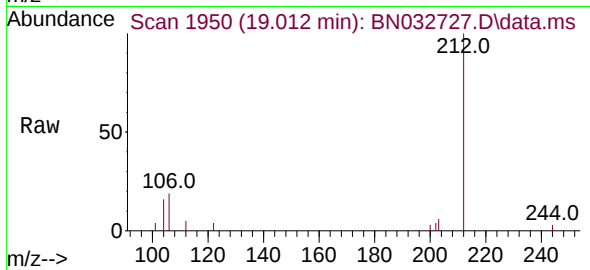




#27
Fluoranthene-d10
Concen: 0.134 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

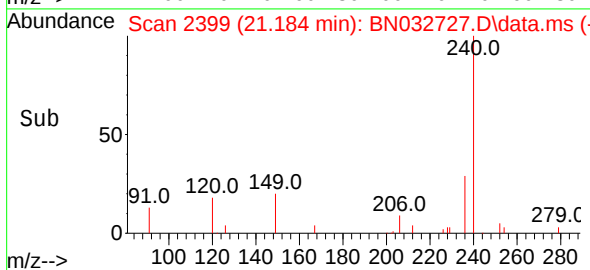
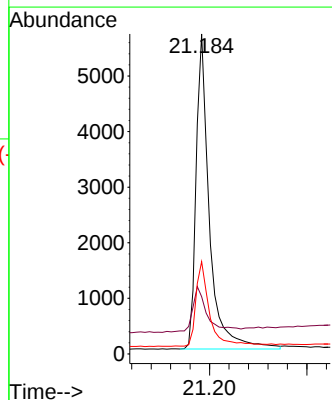
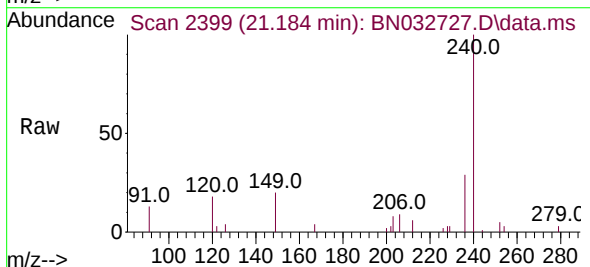
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE

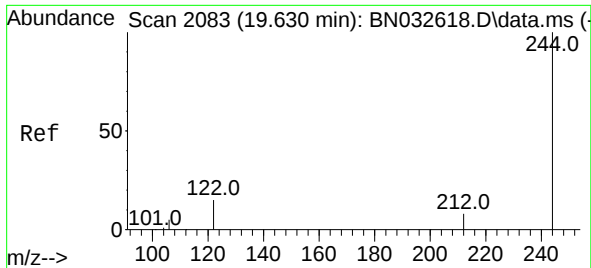
Tgt Ion:212 Resp: 3945
Ion Ratio Lower Upper
212 100
106 15.2 11.9 17.9
104 10.8 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

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

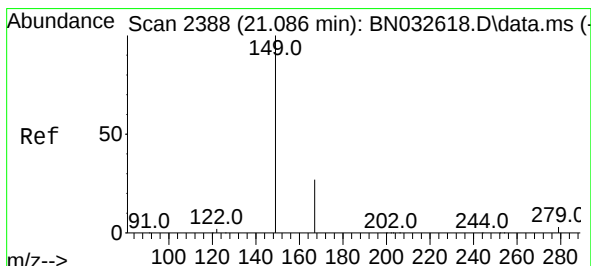
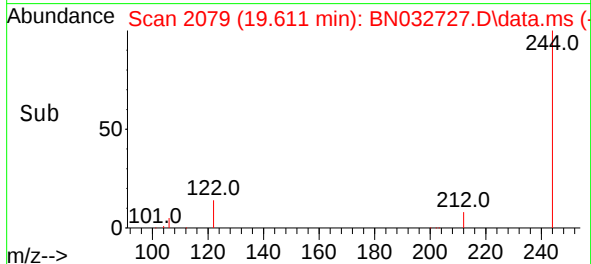
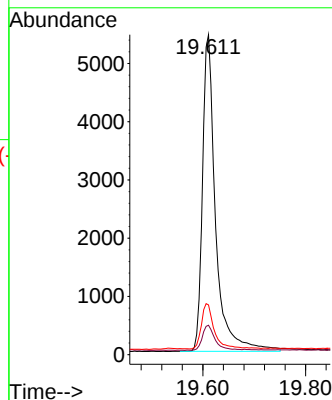
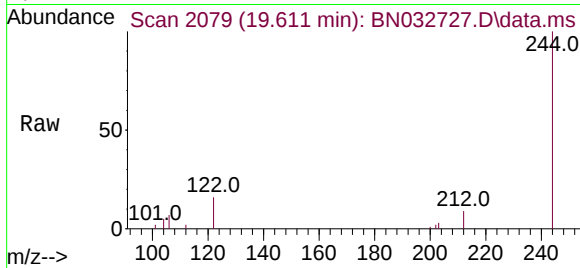




#31
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.611 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN032727.D
 Acq: 15 Jul 2024 16:45

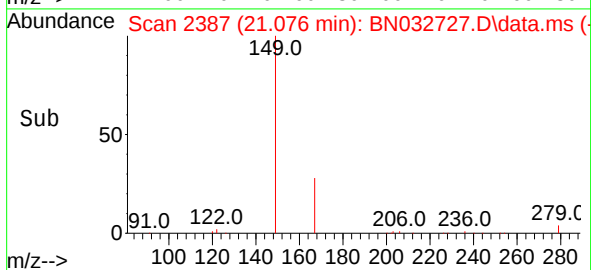
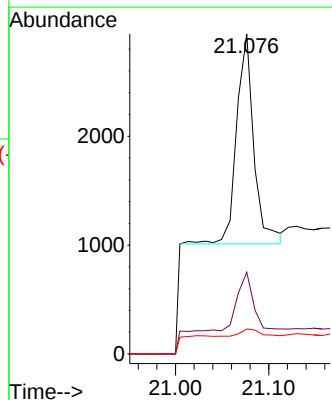
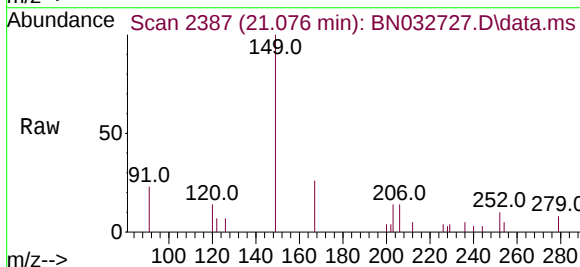
Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240710RE

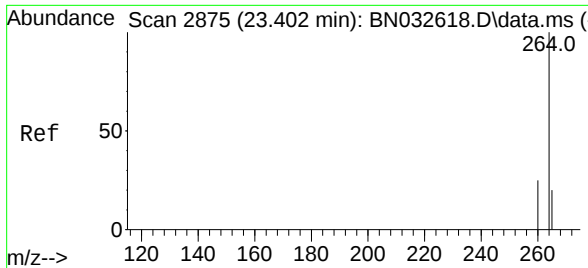
Tgt Ion:244 Resp: 9664
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 15.6 12.6 19.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.133 ng
 RT: 21.076 min Scan# 2387
 Delta R.T. -0.009 min
 Lab File: BN032727.D
 Acq: 15 Jul 2024 16:45

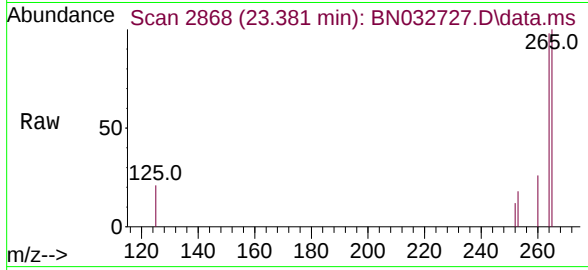
Tgt Ion:149 Resp: 2499
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.2
 279 3.8 2.8 4.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.381 min Scan# 21
Delta R.T. -0.021 min
Lab File: BN032727.D
Acq: 15 Jul 2024 16:45

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240710RE



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

