

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
 Data File : BN029321.D
 Acq On : 20 Jan 2024 01:31
 Operator : MA/JU
 Sample : P1171-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-260-262

Quant Time: Jan 20 02:05:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 16:49:42 2024
 Response via : Initial Calibration

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

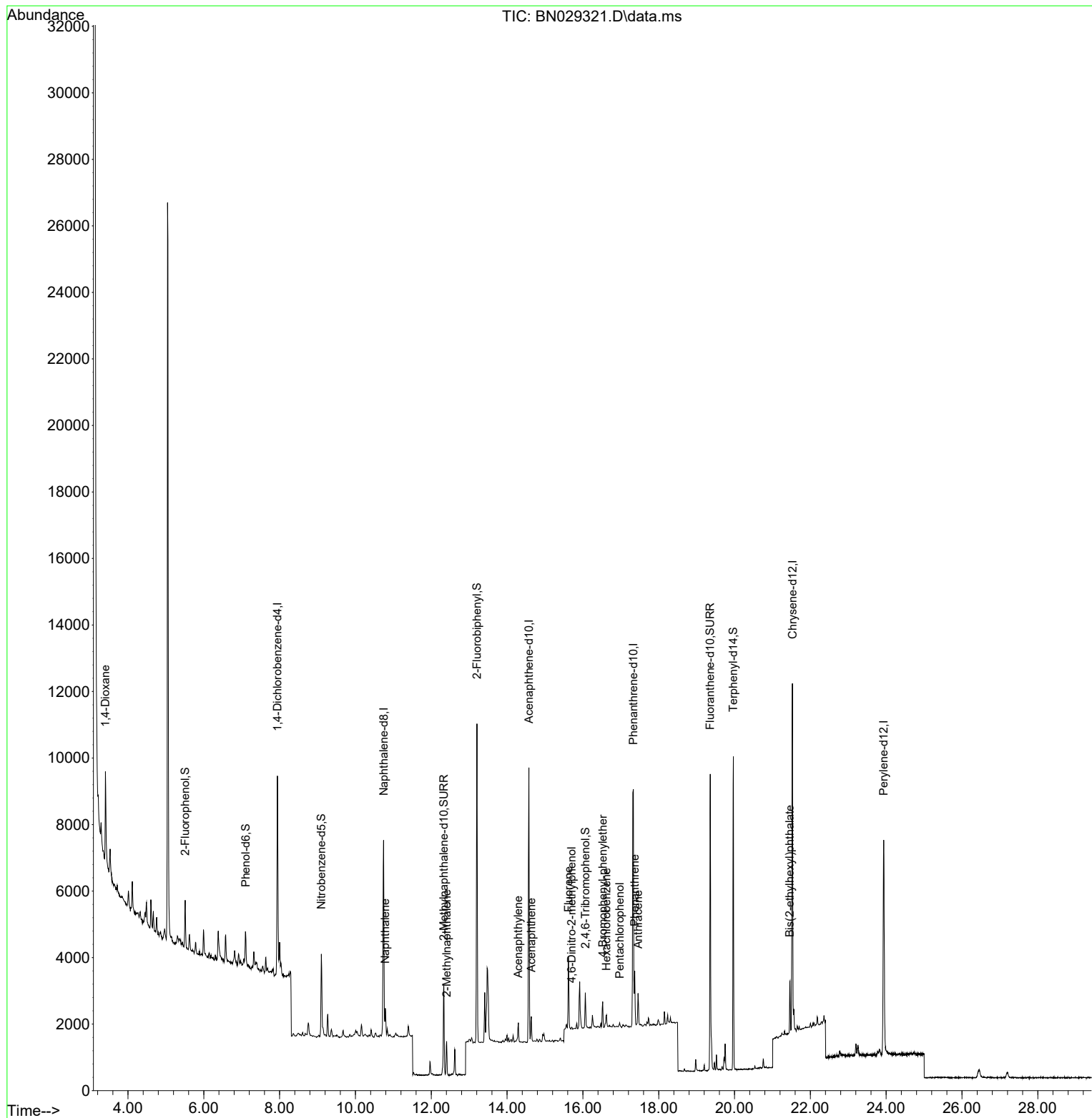
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2775	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	7889	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	4459	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	11137	0.400	ng	0.00
29) Chrysene-d12	21.528	240	9680	0.400	ng	# 0.00
35) Perylene-d12	23.935	264	9414	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	1098	0.160	ng	0.00
5) Phenol-d6	7.103	99	962	0.105	ng	0.00
8) Nitrobenzene-d5	9.100	82	2026	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	3658	0.272	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	562	0.411	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	8029	0.387	ng	0.00
27) Fluoranthene-d10	19.359	212	9974	0.295	ng	0.00
31) Terphenyl-d14	19.968	244	8863	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	1827	0.539	ng	# 74
9) Naphthalene	10.787	128	1129	0.046	ng	# 84
12) 2-Methylnaphthalene	12.405	142	696	0.042	ng	# 90
16) Acenaphthylene	14.297	152	619	0.027	ng	96
17) Acenaphthene	14.639	154	361	0.023	ng	97
18) Fluorene	15.617	166	1048	0.050	ng	98
20) 4,6-Dinitro-2-methylph...	15.704	198	19	0.163	ng	# 1
21) 4-Bromophenyl-phenylether	16.523	248	299	0.050	ng	# 90
22) Hexachlorobenzene	16.622	284	311	0.032	ng	92
24) Pentachlorophenol	16.970	266	79	0.026	ng	# 87
25) Phenanthrene	17.367	178	1657	0.045	ng	96
26) Anthracene	17.454	178	1157	0.036	ng	96
34) Bis(2-ethylhexyl)phtha...	21.456	149	1716	0.102	ng	99

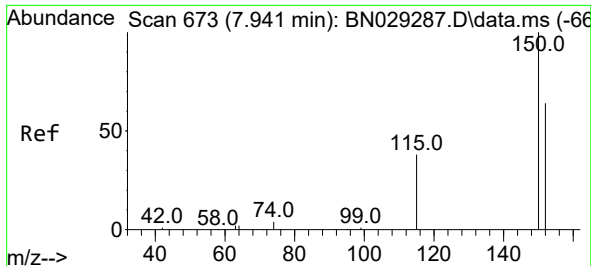
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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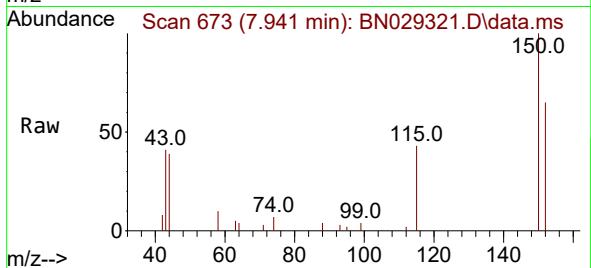
Quant Time: Jan 20 02:05:14 2024
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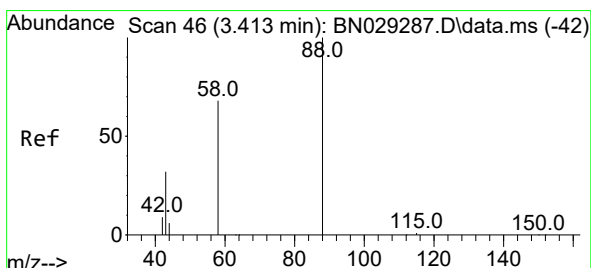
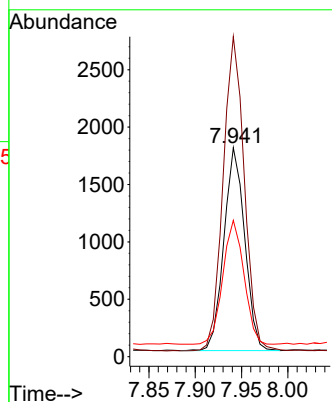
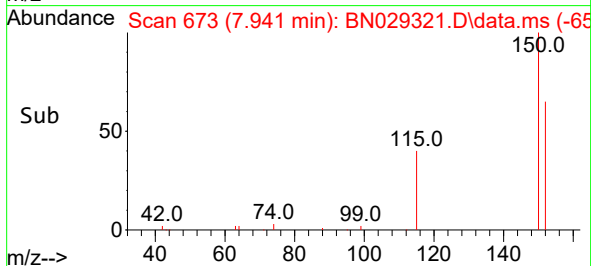


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.941 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029321.D
 Acq: 20 Jan 2024 01:31

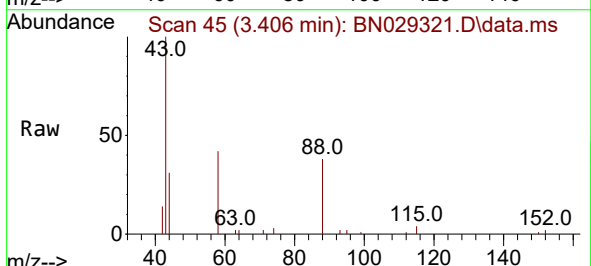
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-260-262



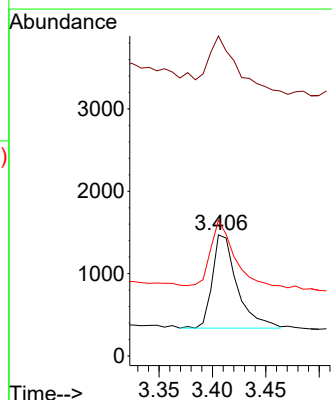
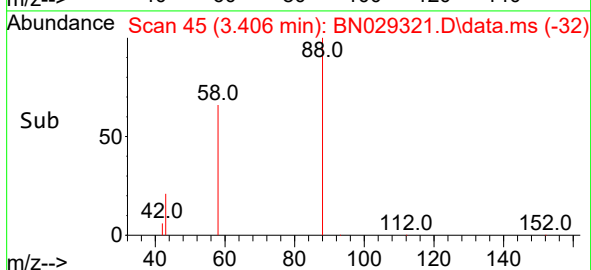
Tgt Ion: 152 Resp: 2775
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.6 186.8
 115 65.2 50.6 76.0

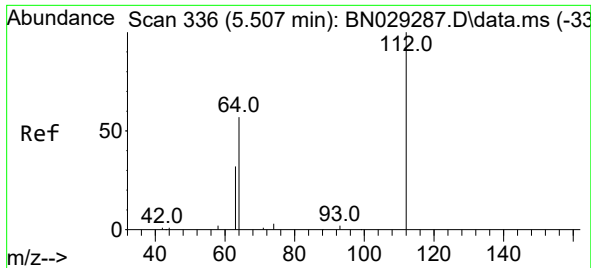


#2
 1,4-Dioxane
 Concen: 0.539 ng
 RT: 3.406 min Scan# 45
 Delta R.T. -0.007 min
 Lab File: BN029321.D
 Acq: 20 Jan 2024 01:31



Tgt Ion: 88 Resp: 1827
 Ion Ratio Lower Upper
 88 100
 43 74.0 26.2 39.2#
 58 71.4 55.3 82.9

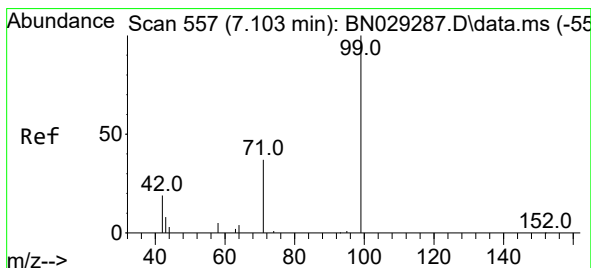
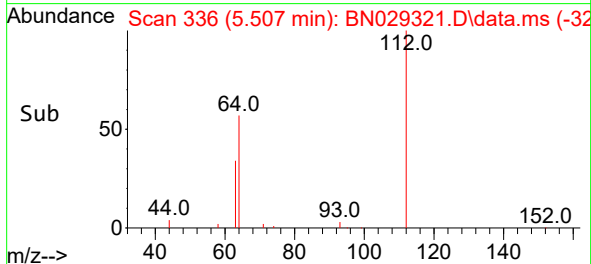
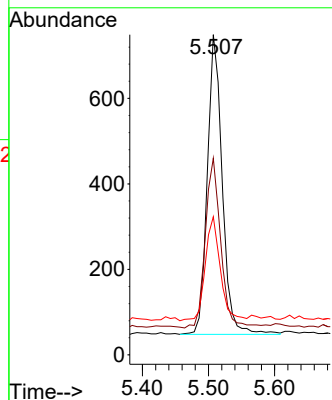
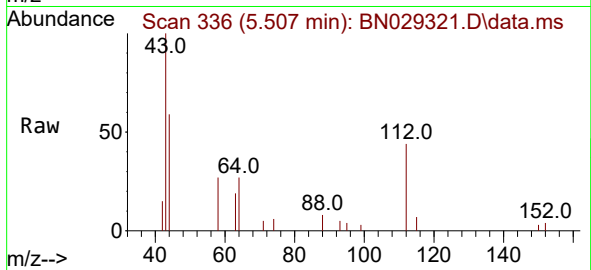




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.507 min Scan# 336
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

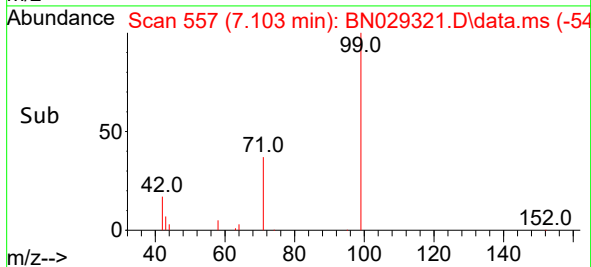
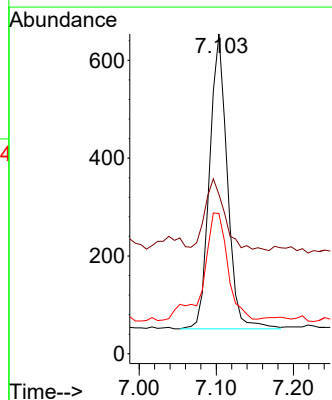
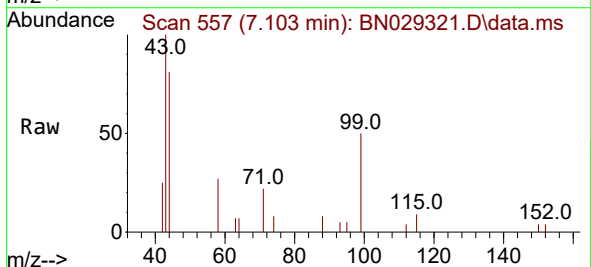
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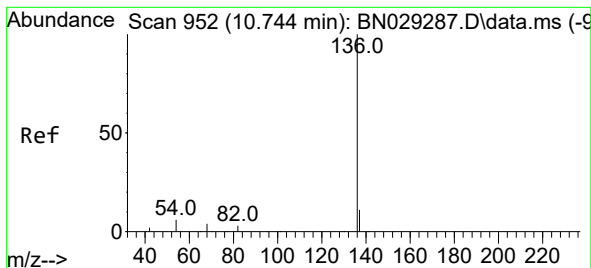
Tgt Ion:112 Resp: 1098
Ion Ratio Lower Upper
112 100
64 58.5 45.7 68.5
63 34.7 26.6 39.8



#5
Phenol-d6
Concen: 0.105 ng
RT: 7.103 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

Tgt Ion: 99 Resp: 962
Ion Ratio Lower Upper
99 100
42 27.8 19.1 28.7
71 50.2 31.2 46.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.744 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN029321.D

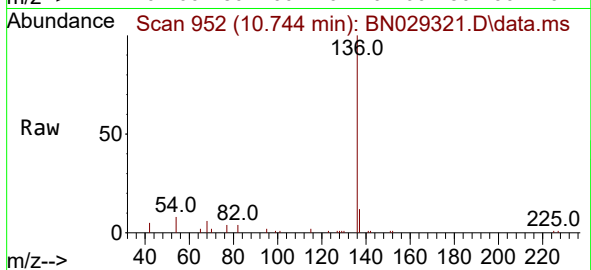
Acq: 20 Jan 2024 01:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-260-262



Tgt Ion:136 Resp: 7889

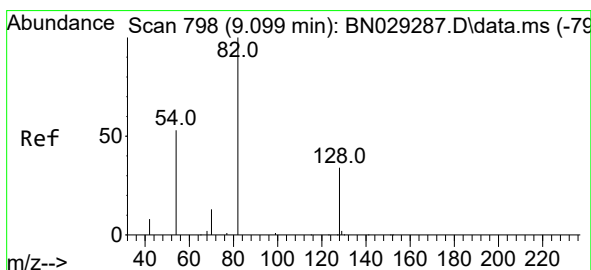
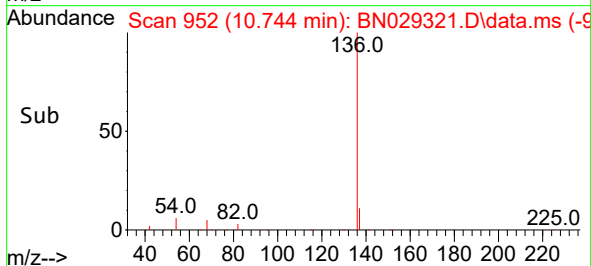
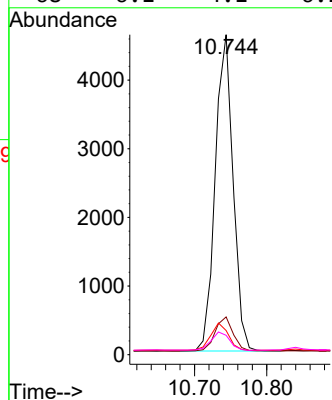
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 7.5 5.2 7.8

68 6.1 4.1 6.1



#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 9.100 min Scan# 798

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

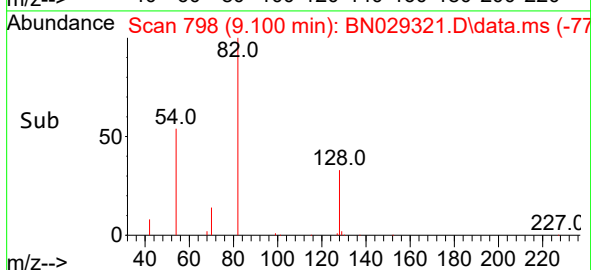
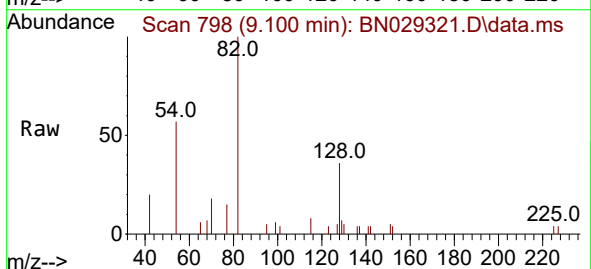
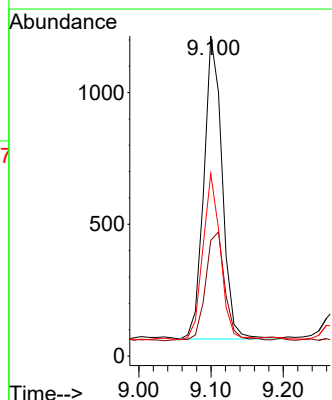
Tgt Ion: 82 Resp: 2026

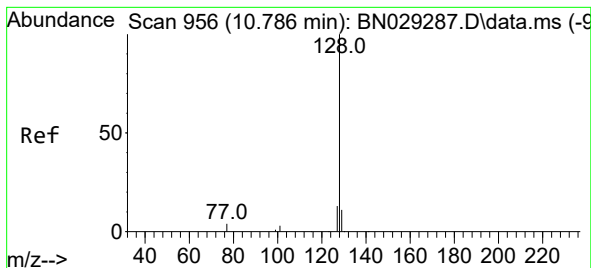
Ion Ratio Lower Upper

82 100

128 36.1 28.6 43.0

54 57.0 42.9 64.3





#9

Naphthalene

Concen: 0.046 ng

RT: 10.787 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

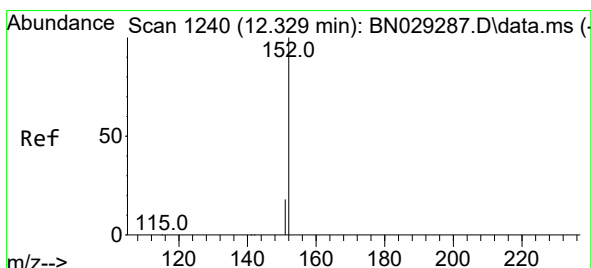
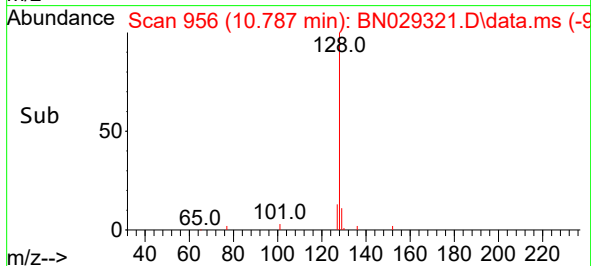
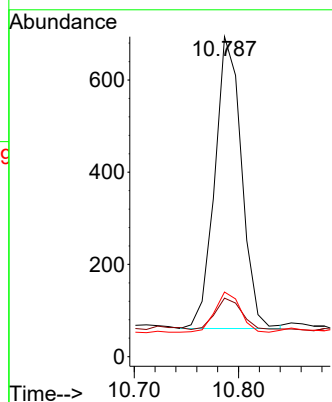
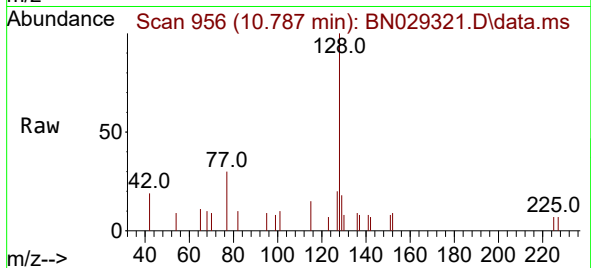
Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-260-262

Tgt Ion:	128	Resp:	1129
Ion	Ratio	Lower	Upper
128	100		
129	18.3	9.3	13.9#
127	20.2	11.2	16.8#



#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

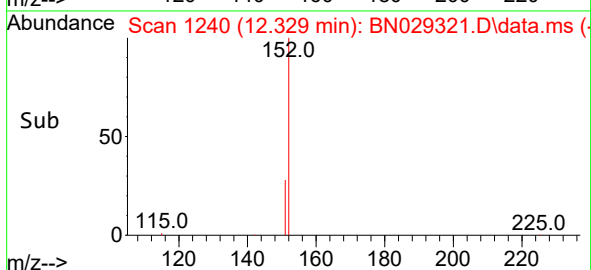
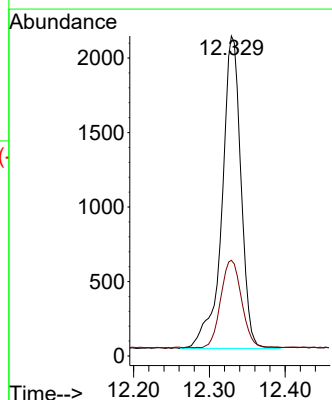
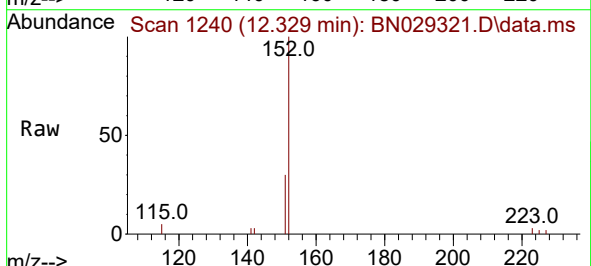
RT: 12.329 min Scan# 1240

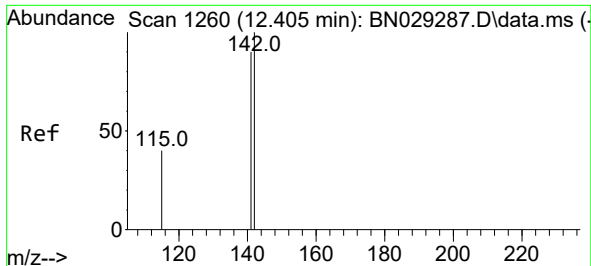
Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

Tgt Ion:	152	Resp:	3658
Ion	Ratio	Lower	Upper
152	100		
151	30.9	16.6	24.8#

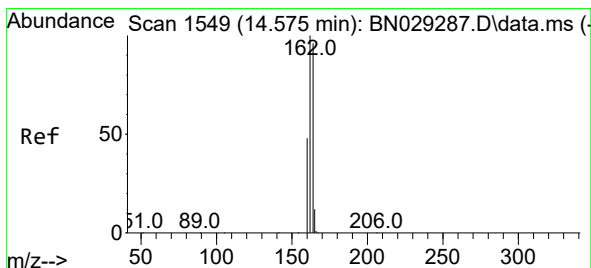
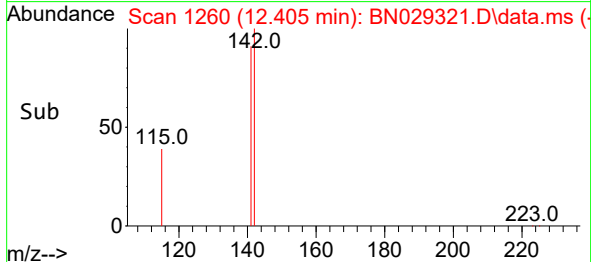
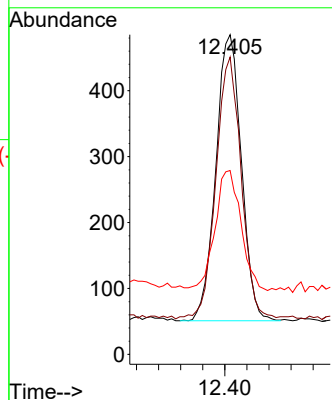
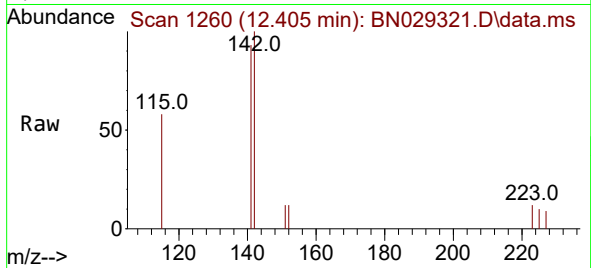




#12
2-Methylnaphthalene
Concen: 0.042 ng
RT: 12.405 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

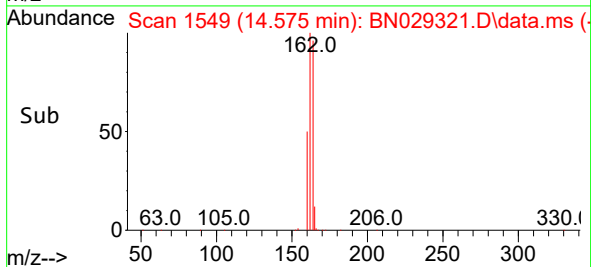
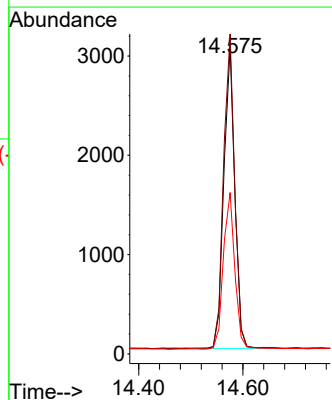
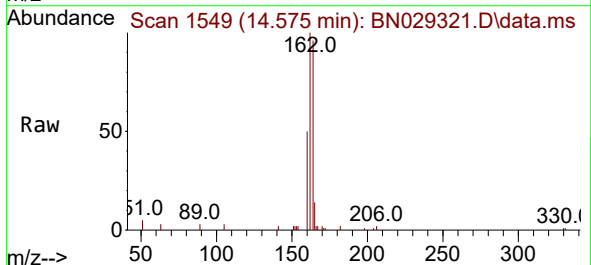
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-260-262

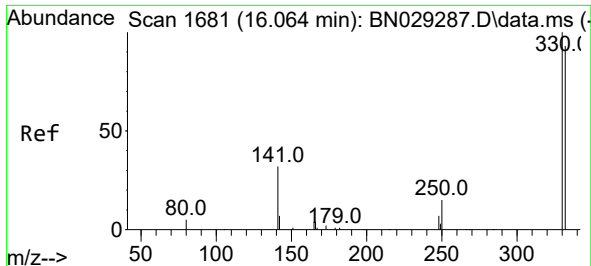
Tgt Ion:142 Resp: 696
Ion Ratio Lower Upper
142 100
141 93.0 72.2 108.2
115 57.5 32.9 49.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

Tgt Ion:164 Resp: 4459
Ion Ratio Lower Upper
164 100
162 104.4 83.4 125.2
160 52.7 40.6 61.0

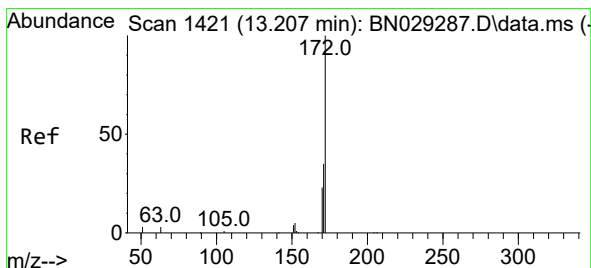
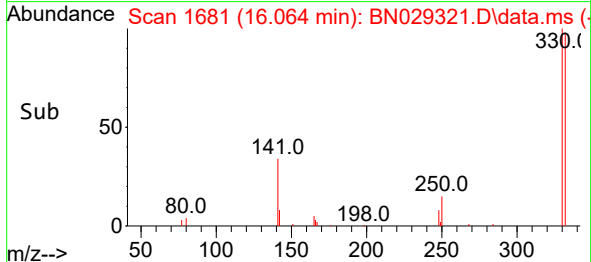
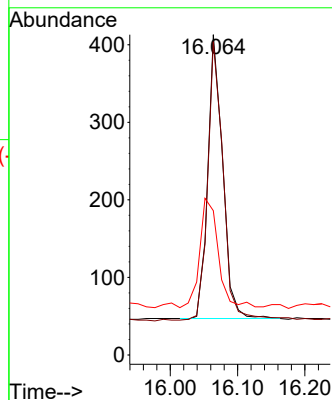
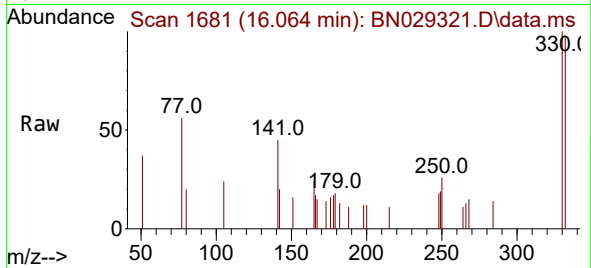




#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 16.064 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

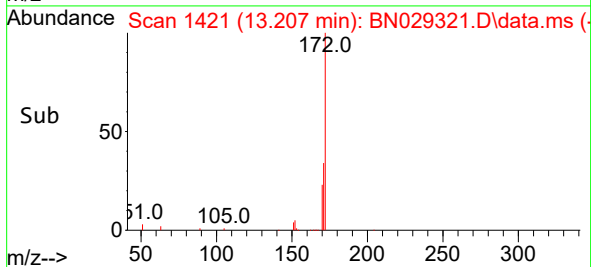
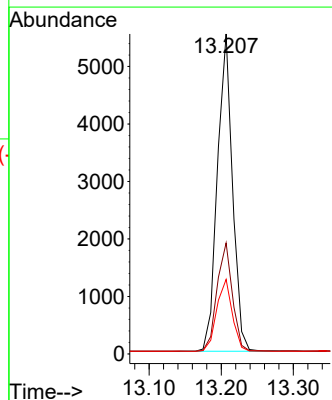
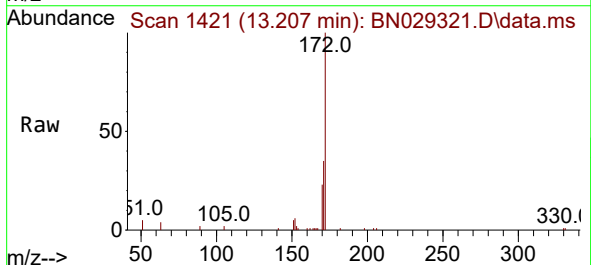
Instrument :
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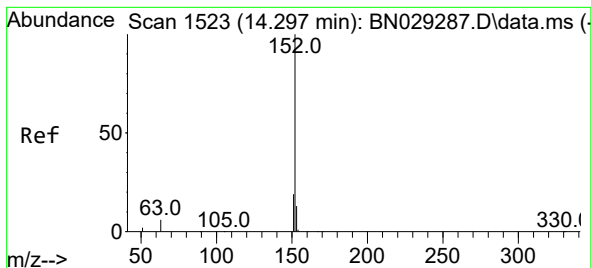
Tgt Ion: 330 Resp: 562
Ion Ratio Lower Upper
330 100
332 101.1 77.0 115.6
141 47.2 34.3 51.5



#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.207 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

Tgt Ion: 172 Resp: 8029
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.7 28.1





#16

Acenaphthylene

Concen: 0.027 ng

RT: 14.297 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-260-262

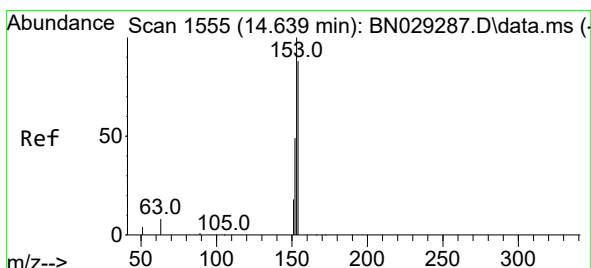
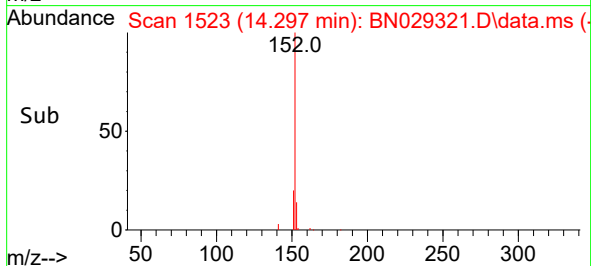
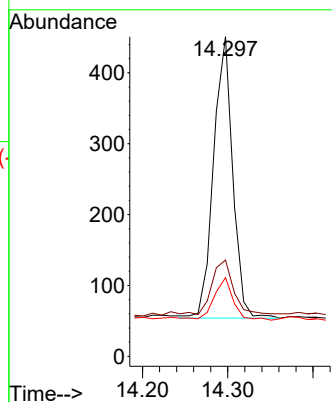
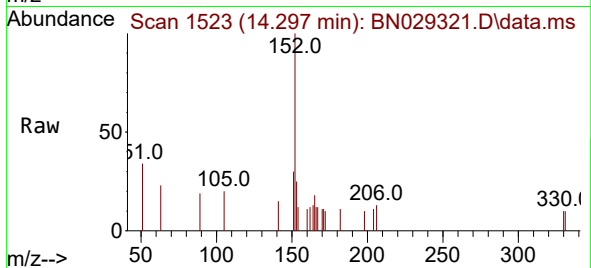
Tgt Ion:152 Resp: 619

Ion Ratio Lower Upper

152 100

151 21.2 15.6 23.4

153 15.0 10.6 16.0



#17

Acenaphthene

Concen: 0.023 ng

RT: 14.639 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

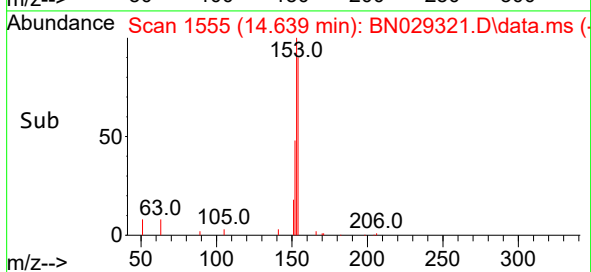
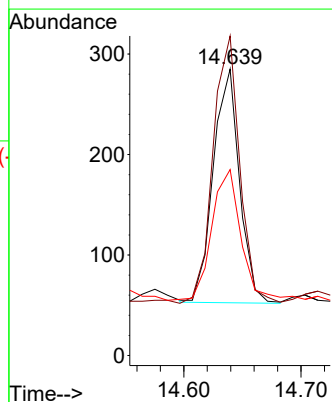
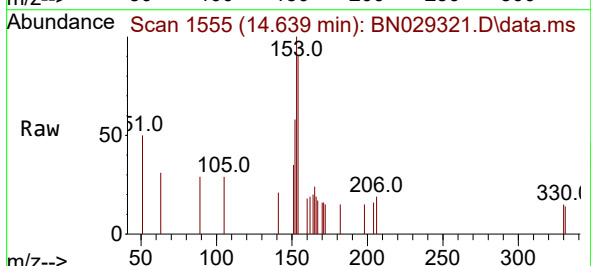
Tgt Ion:154 Resp: 361

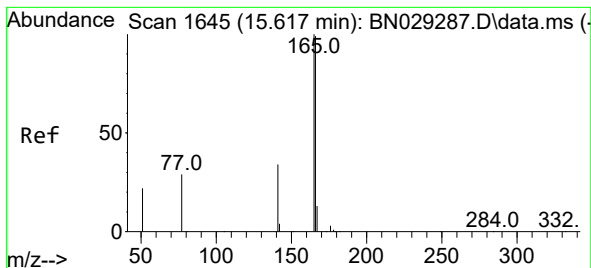
Ion Ratio Lower Upper

154 100

153 116.1 92.2 138.2

152 65.1 47.4 71.2





#18

Fluorene

Concen: 0.050 ng

RT: 15.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-260-262

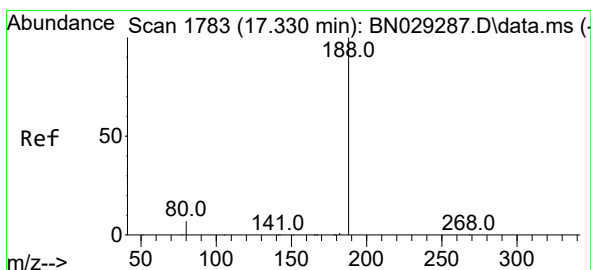
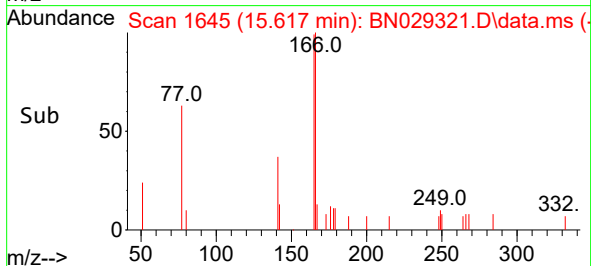
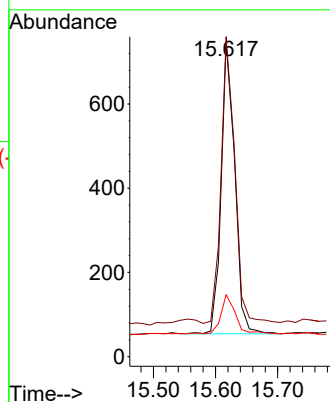
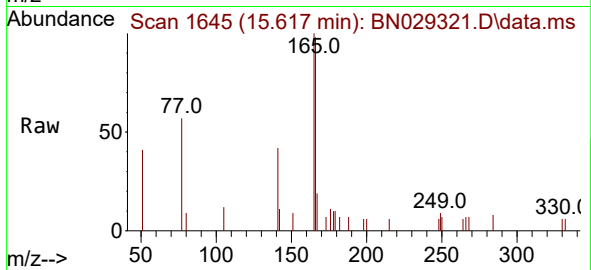
Tgt Ion:166 Resp: 1048

Ion Ratio Lower Upper

166 100

165 100.1 79.3 118.9

167 15.6 10.8 16.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.330 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

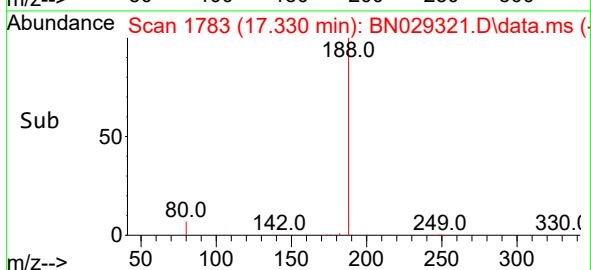
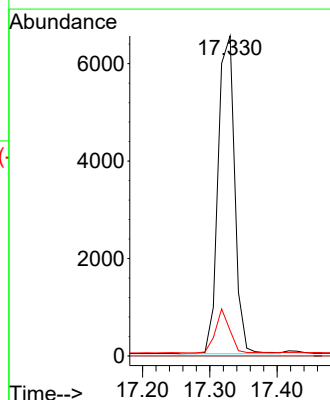
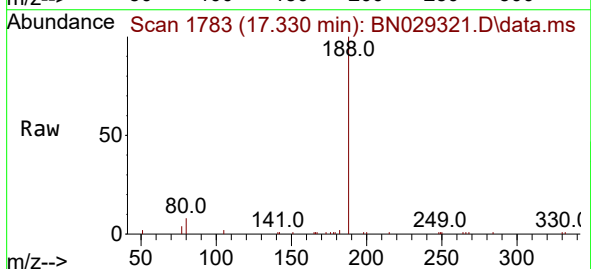
Tgt Ion:188 Resp: 11137

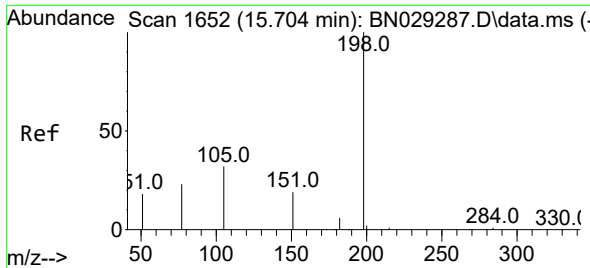
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 5.7 8.5

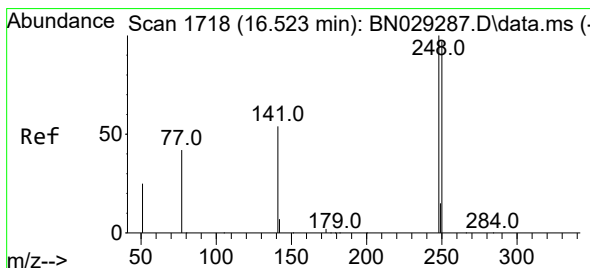
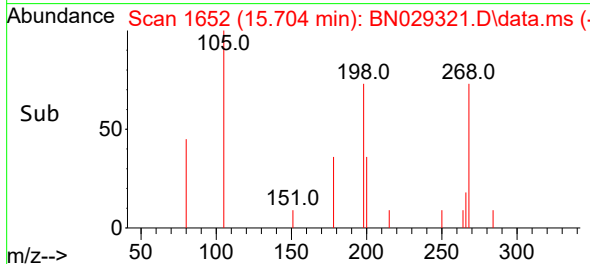
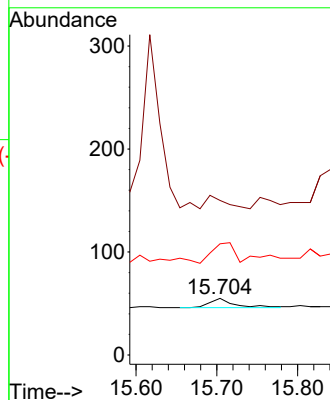
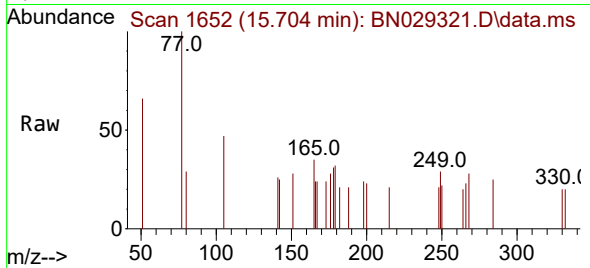




#20
4,6-Dinitro-2-methylphenol
Concen: 0.163 ng
RT: 15.704 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

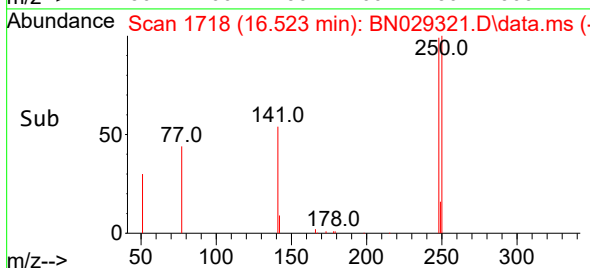
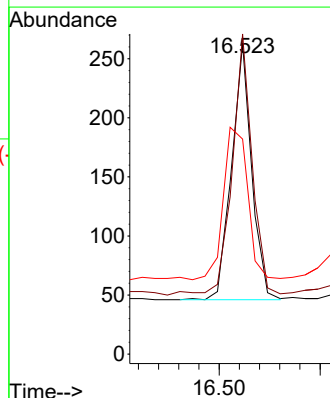
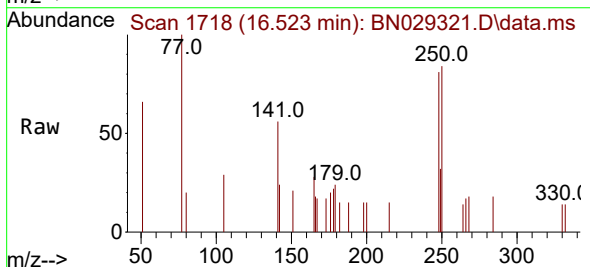
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-260-262

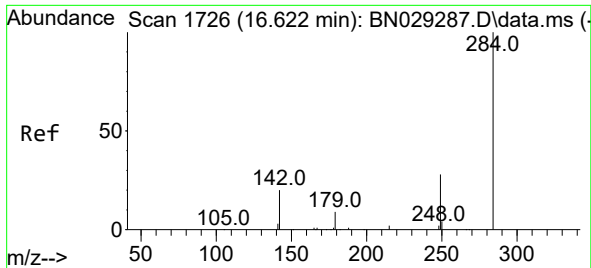
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 272.7 48.8 73.2#
105 196.4 39.0 58.6#



#21
4-Bromophenyl-phenylether
Concen: 0.050 ng
RT: 16.523 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

Tgt Ion:248 Resp: 299
Ion Ratio Lower Upper
248 100
250 103.0 78.1 117.1
141 69.2 44.2 66.4#

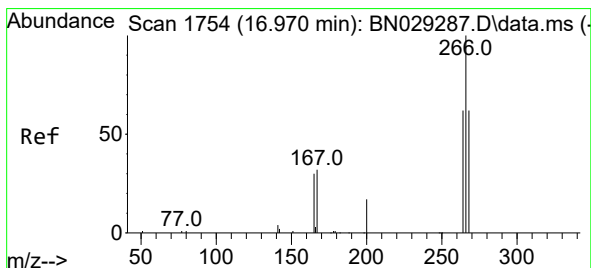
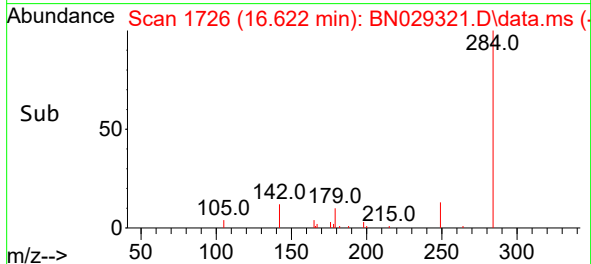
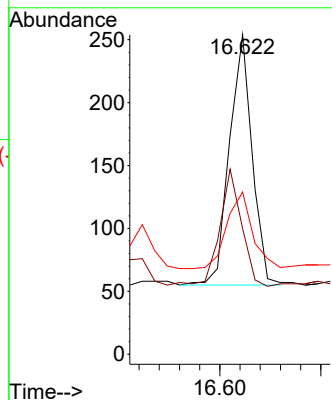
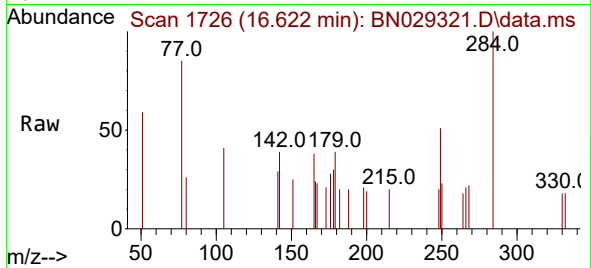




#22
Hexachlorobenzene
Concen: 0.032 ng
RT: 16.622 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

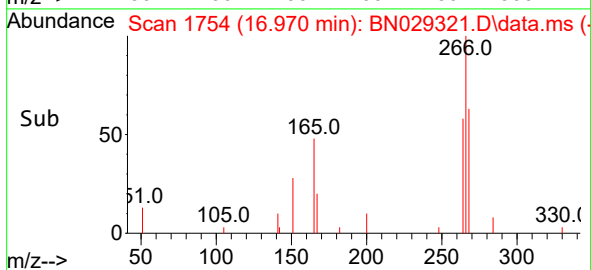
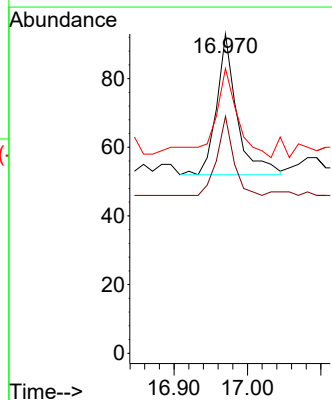
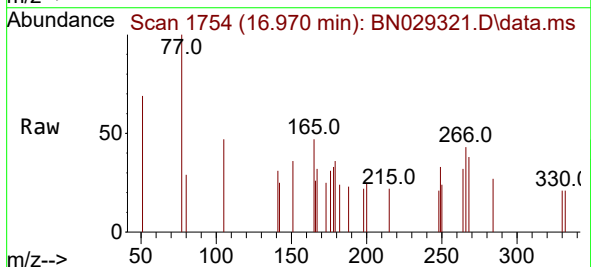
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-260-262

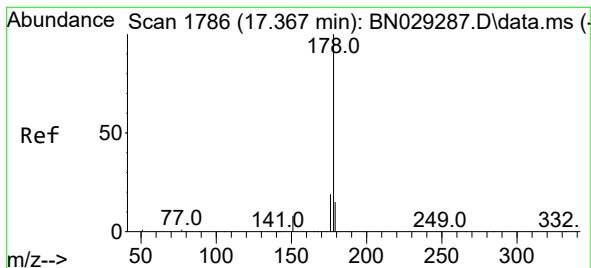
Tgt Ion:284 Resp: 311
Ion Ratio Lower Upper
284 100
142 43.7 30.6 45.8
249 34.7 24.9 37.3



#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.970 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

Tgt Ion:266 Resp: 79
Ion Ratio Lower Upper
266 100
264 45.6 48.3 72.5#
268 64.6 47.7 71.5





#25

Phenanthrene

Concen: 0.045 ng

RT: 17.367 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-260-262

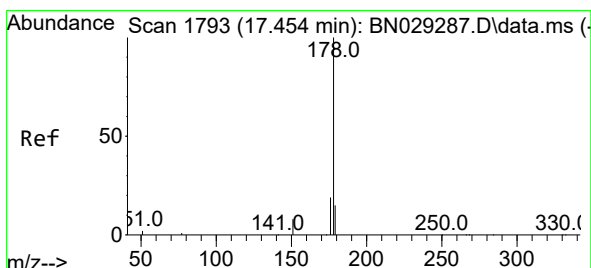
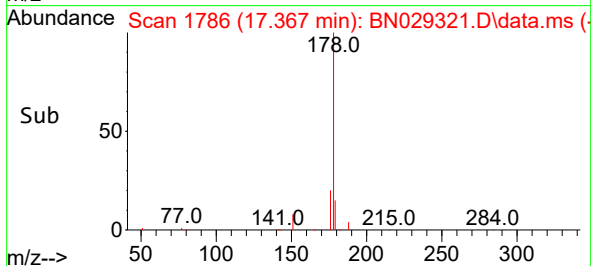
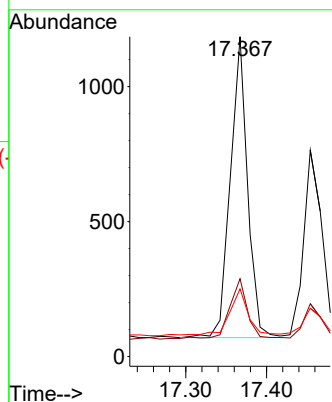
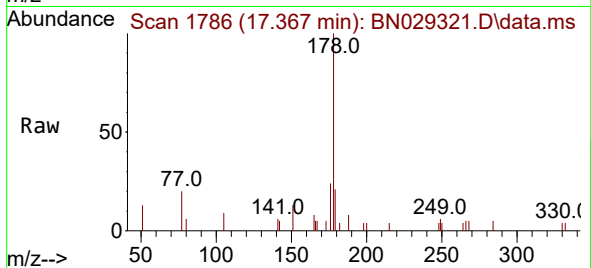
Tgt Ion:178 Resp: 1657

Ion Ratio Lower Upper

178 100

176 20.9 15.4 23.0

179 17.7 12.3 18.5



#26

Anthracene

Concen: 0.036 ng

RT: 17.454 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BN029321.D

Acq: 20 Jan 2024 01:31

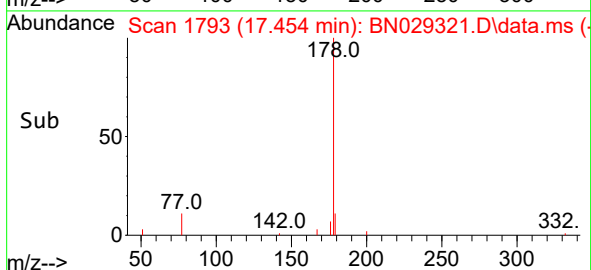
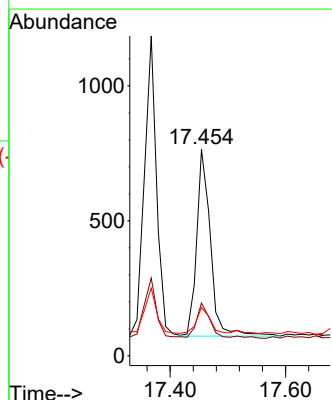
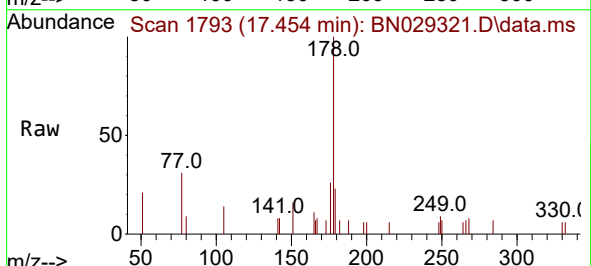
Tgt Ion:178 Resp: 1157

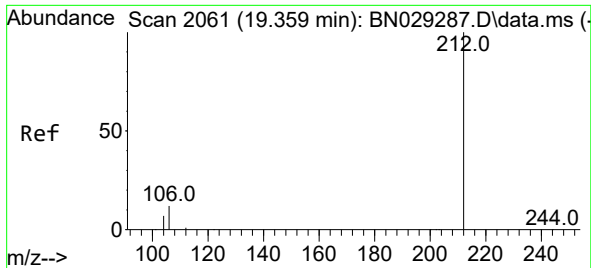
Ion Ratio Lower Upper

178 100

176 16.6 15.0 22.4

179 13.5 12.2 18.2

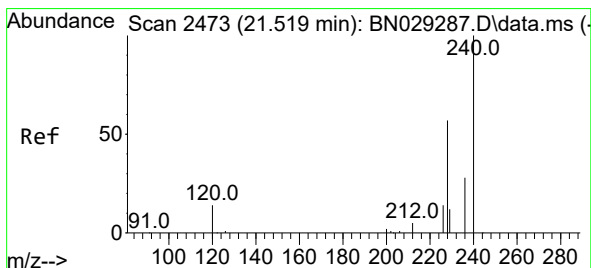
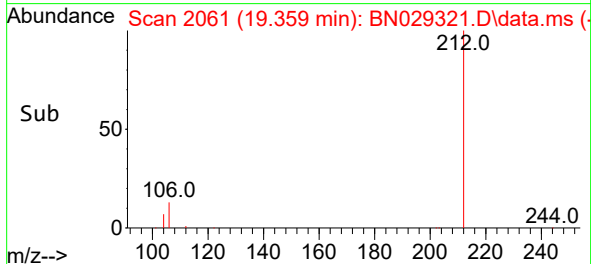
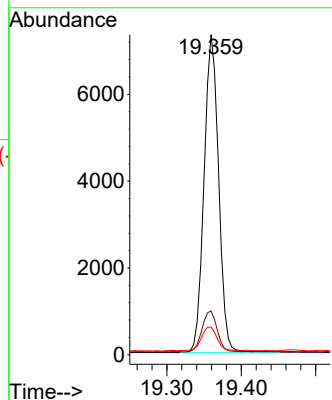
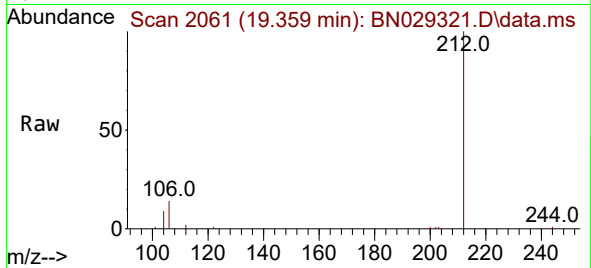




#27
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.359 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

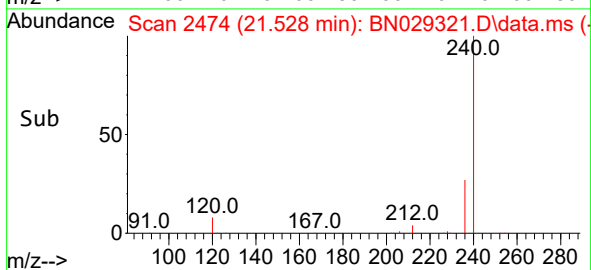
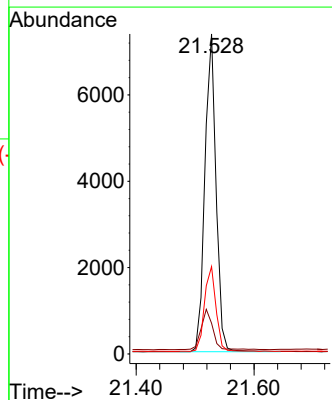
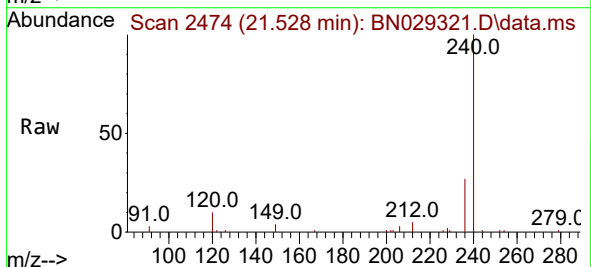
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-260-262

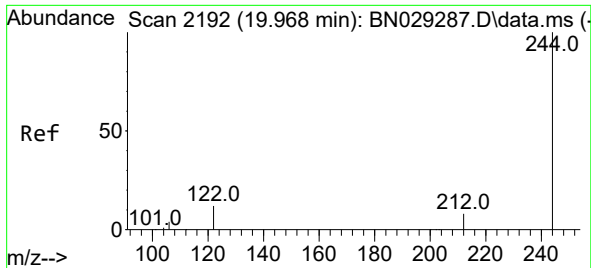
Tgt Ion:212 Resp: 9974
Ion Ratio Lower Upper
212 100
106 13.3 9.9 14.9
104 7.9 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.528 min Scan# 2474
Delta R.T. 0.009 min
Lab File: BN029321.D
Acq: 20 Jan 2024 01:31

Tgt Ion:240 Resp: 9680
Ion Ratio Lower Upper
240 100
120 9.6 11.8 17.8#
236 27.3 22.7 34.1

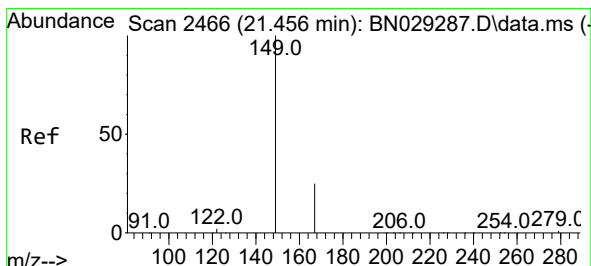
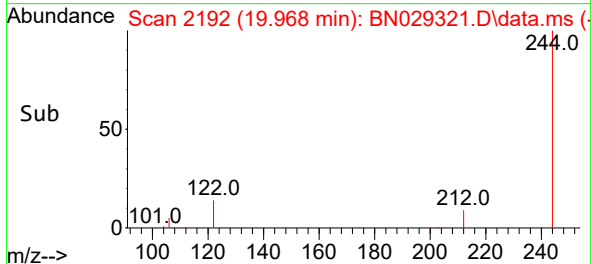
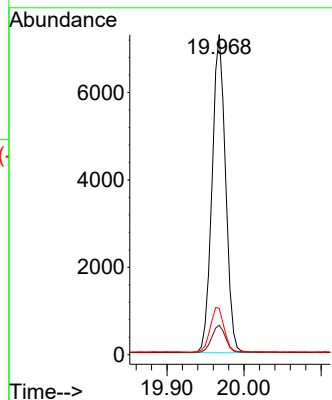
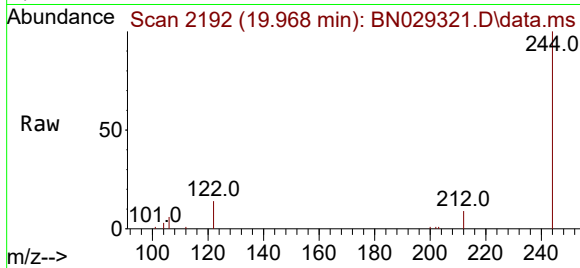




#31
 Terphenyl-d14
 Concen: 0.365 ng
 RT: 19.968 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BN029321.D
 Acq: 20 Jan 2024 01:31

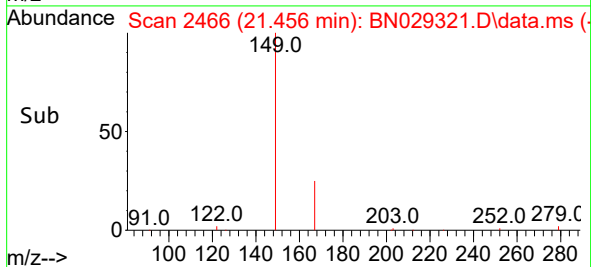
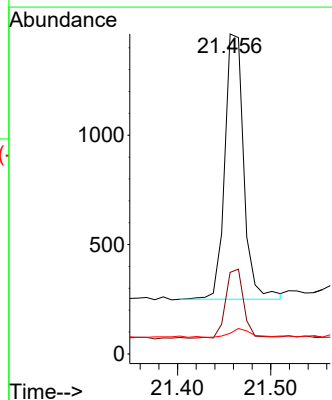
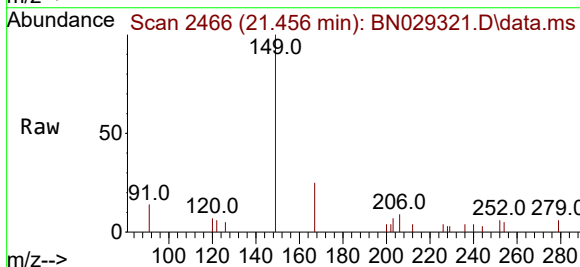
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-260-262

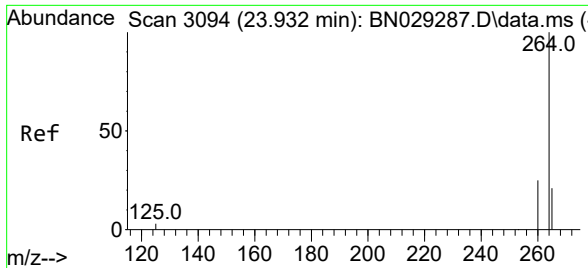
Tgt Ion:244 Resp: 8863
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.0 10.4
 122 14.4 10.2 15.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.456 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BN029321.D
 Acq: 20 Jan 2024 01:31

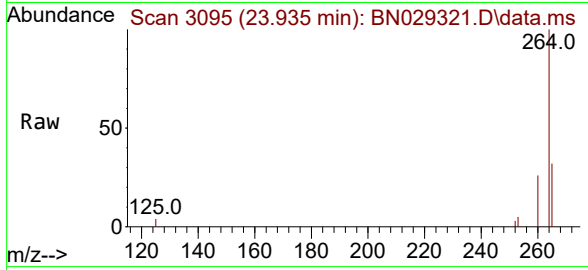
Tgt Ion:149 Resp: 1716
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.3 30.5
 279 3.5 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.935 min Scan# 3095
 Delta R.T. 0.003 min
 Lab File: BN029321.D
 Acq: 20 Jan 2024 01:31

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-260-262



Tgt Ion:264 Resp: 9414

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	32.4	21.4	32.0

