

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032076.D
 Acq On : 19 Jun 2024 20:03
 Operator : MA/JU
 Sample : P2838-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-280-282

Quant Time: Jun 19 23:32:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

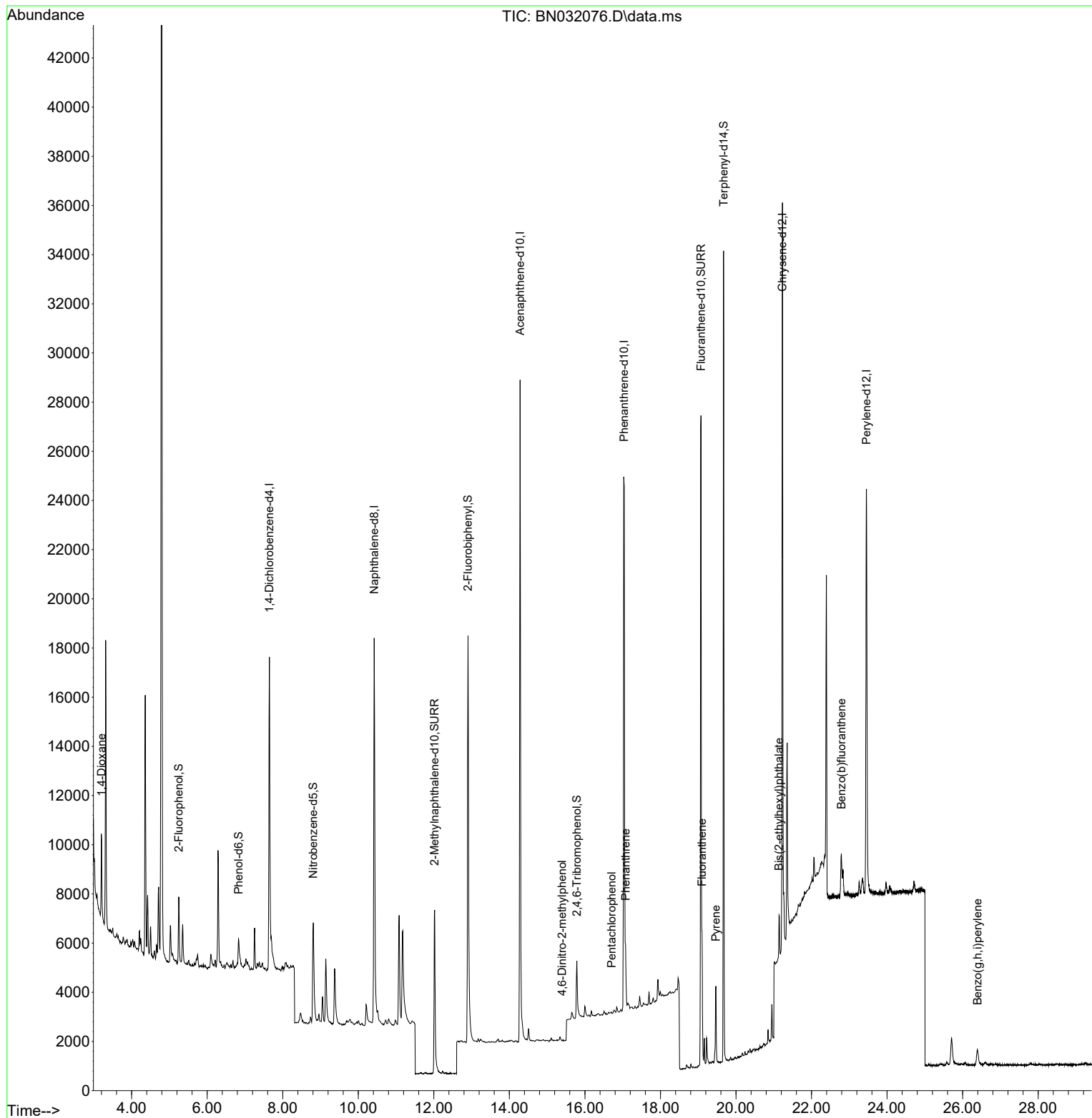
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7329	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	25401	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	17029	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	37536	0.400	ng	0.01
29) Chrysene-d12	21.229	240	27855	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	22983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	2541	0.122	ng	0.00
5) Phenol-d6	6.830	99	1955	0.072	ng	0.00
8) Nitrobenzene-d5	8.809	82	5102	0.242	ng	0.01
11) 2-Methylnaphthalene-d10	12.020	152	11338	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1659	0.203	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	19161	0.297	ng	0.00
27) Fluoranthene-d10	19.072	212	32270	0.316	ng	0.00
31) Terphenyl-d14	19.672	244	31741	0.466	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	2427	0.270	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.397	198	3	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	56	0.174	ng	88
25) Phenanthrene	17.078	178	2438	0.023	ng	100
28) Fluoranthene	19.100	202	4324	0.034	ng	# 95
30) Pyrene	19.467	202	3149	0.028	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.139	149	2194	0.031	ng	# 94
37) Benzo(b)fluoranthene	22.791	252	2536	0.030	ng	# 10
41) Benzo(g,h,i)perylene	26.393	276	1535	0.021	ng	# 39

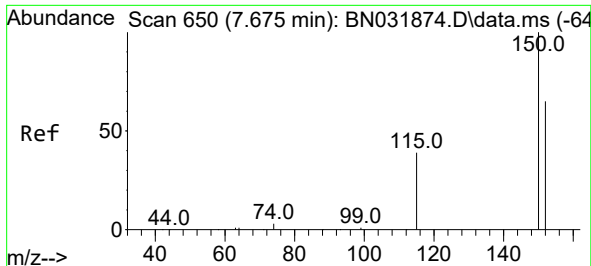
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032076.D
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BNA_N
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BP-VPB-196-GW-280-282

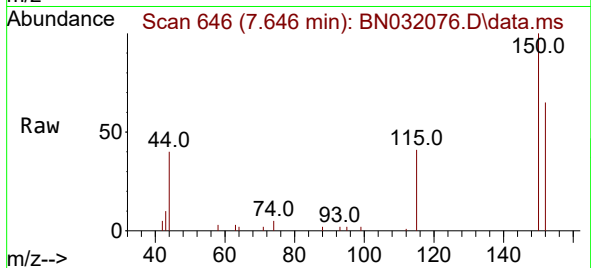
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



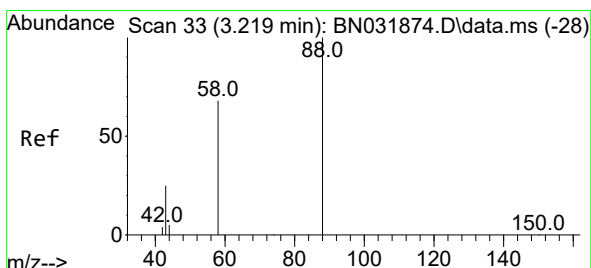
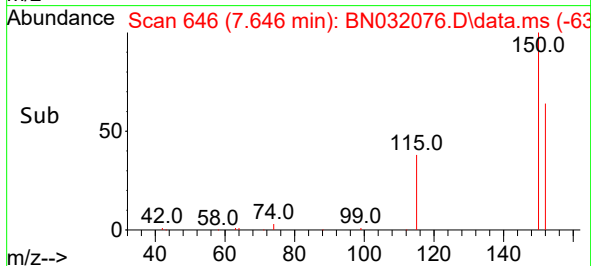
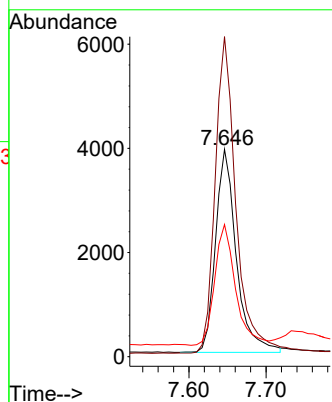


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN032076.D
 Acq: 19 Jun 2024 20:03

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-280-282

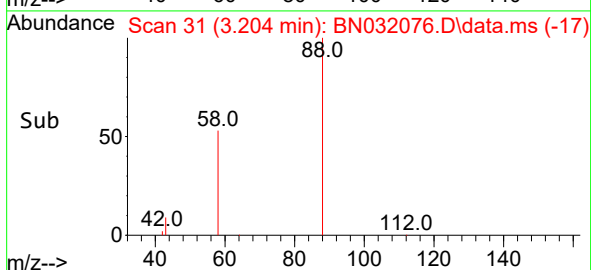
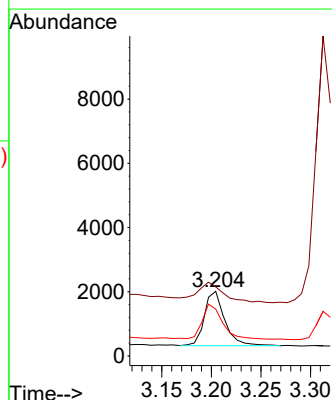
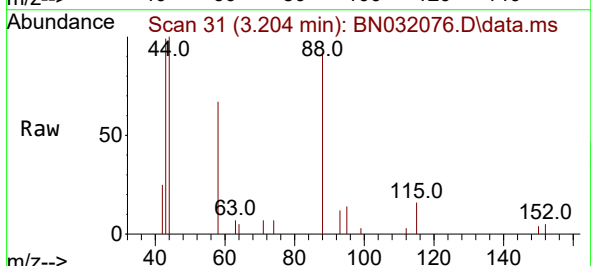


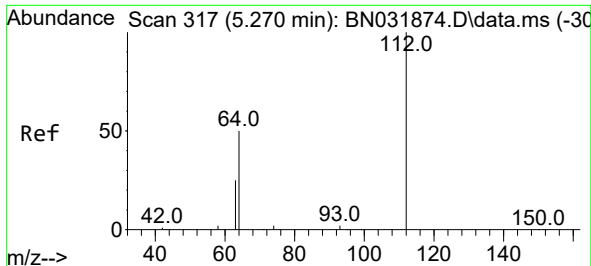
Tgt Ion:152 Resp: 7329
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.0 181.4
 115 63.8 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.270 ng
 RT: 3.204 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN032076.D
 Acq: 19 Jun 2024 20:03

Tgt Ion: 88 Resp: 2427
 Ion Ratio Lower Upper
 88 100
 43 48.2 22.7 34.1#
 58 65.1 51.3 76.9

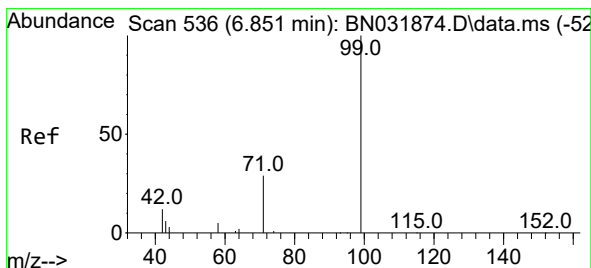
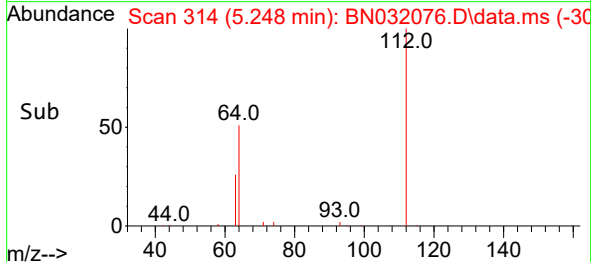
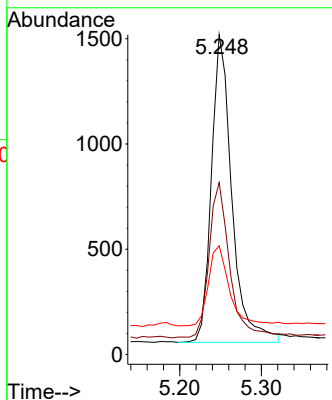
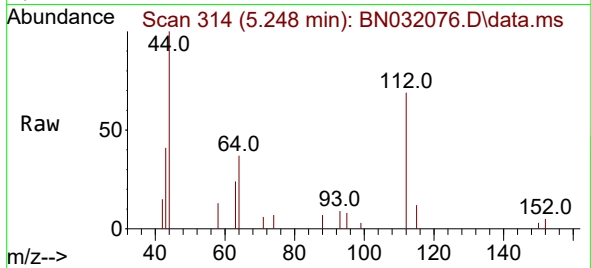




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

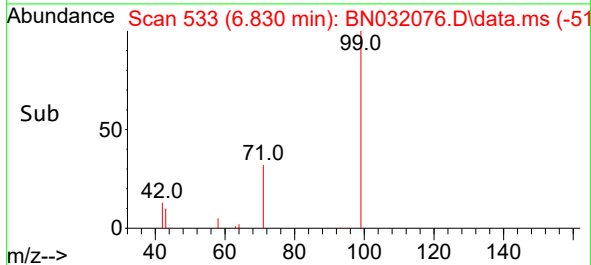
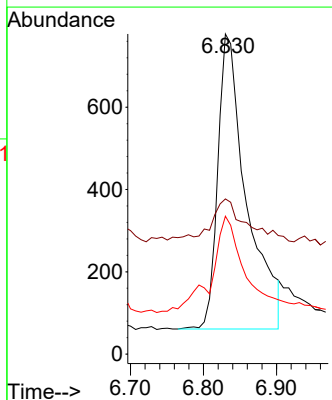
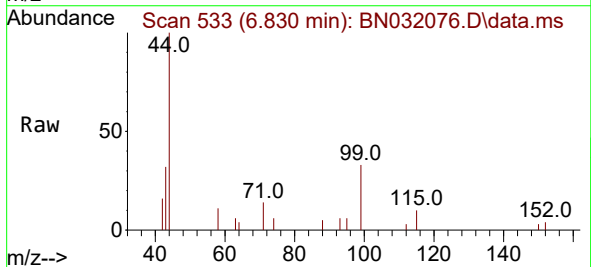
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-280-282

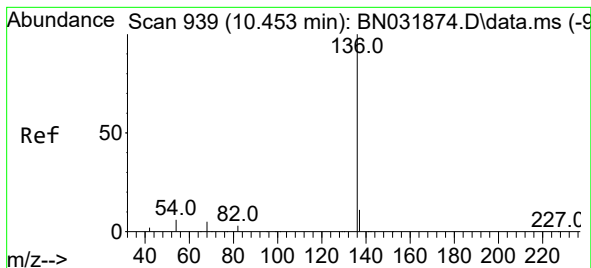
Tgt Ion:112 Resp: 2541
Ion Ratio Lower Upper
112 100
64 50.9 42.4 63.6
63 26.9 22.1 33.1



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

Tgt Ion: 99 Resp: 1955
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 35.9 25.4 38.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.421 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-280-282

Tgt Ion:136 Resp: 25401

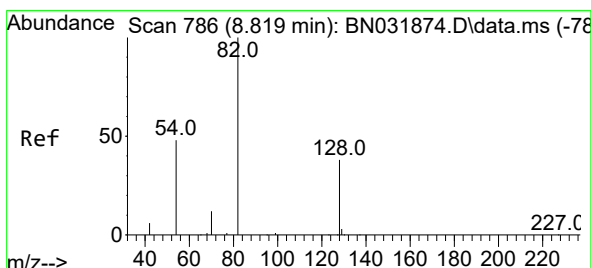
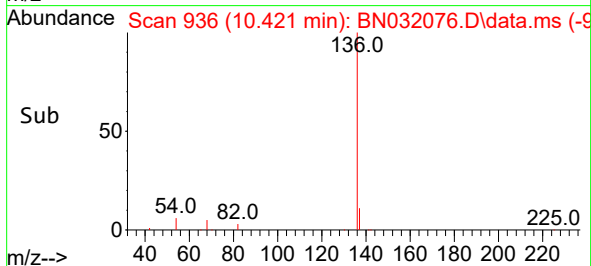
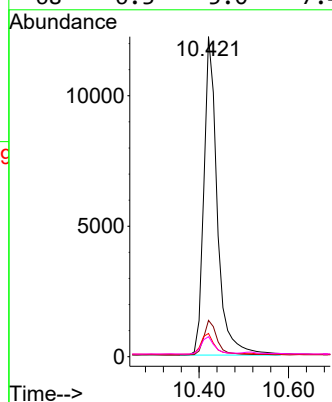
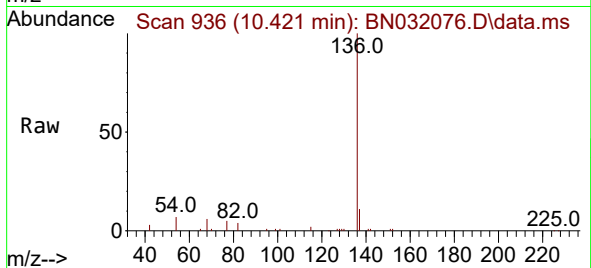
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 5.6 8.4

68 6.3 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.242 ng

RT: 8.809 min Scan# 785

Delta R.T. 0.011 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

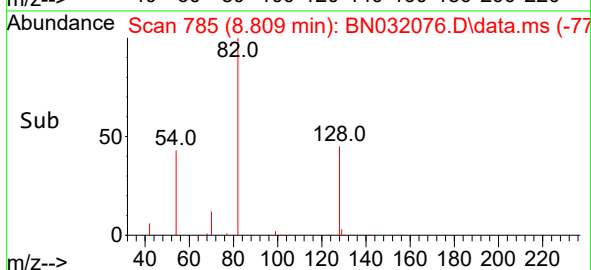
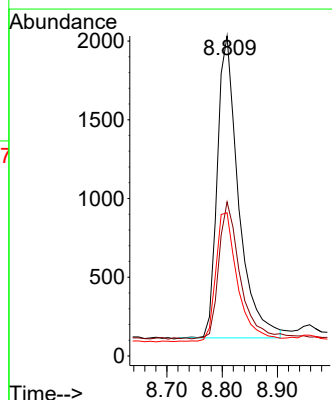
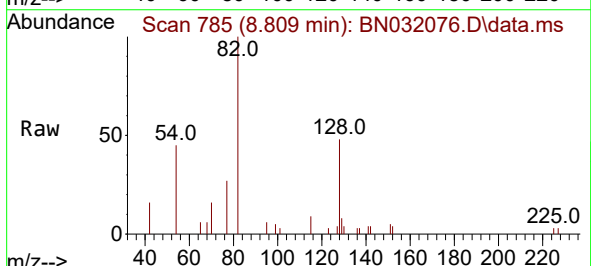
Tgt Ion: 82 Resp: 5102

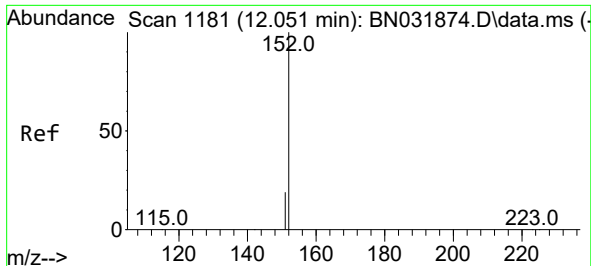
Ion Ratio Lower Upper

82 100

128 48.1 32.1 48.1#

54 44.7 39.7 59.5





#11

2-Methylnaphthalene-d10

Concen: 0.280 ng

RT: 12.020 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

Instrument :

BNA_N

ClientSampleId :

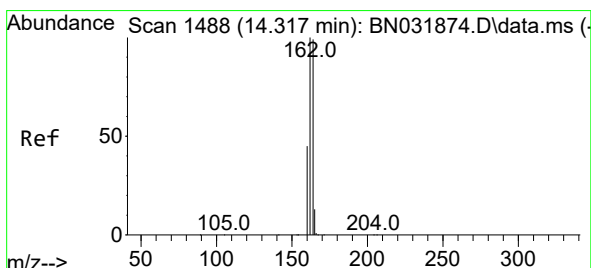
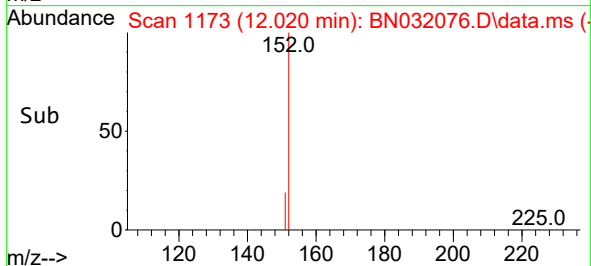
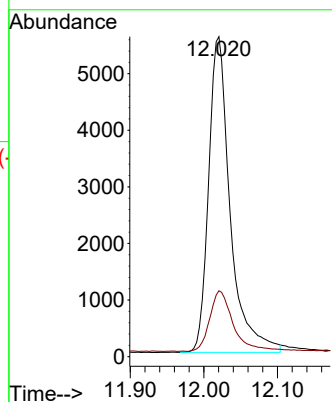
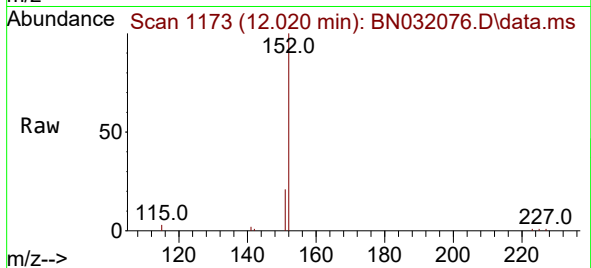
BP-VPB-196-GW-280-282

Tgt Ion:152 Resp: 11338

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.285 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

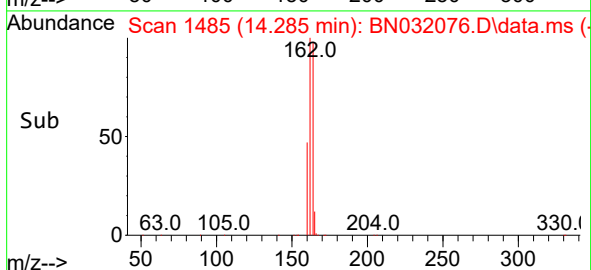
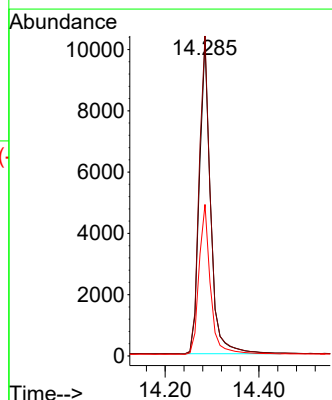
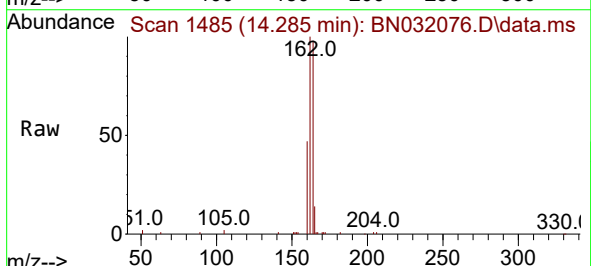
Tgt Ion:164 Resp: 17029

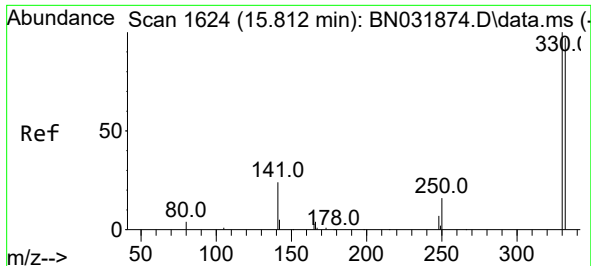
Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

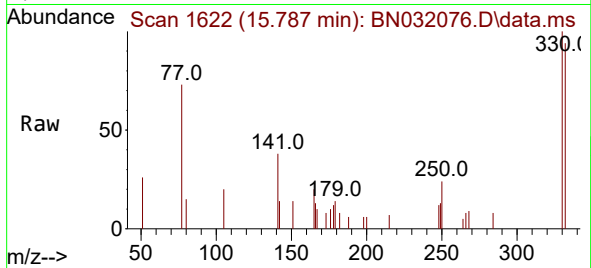
160 48.3 36.2 54.4



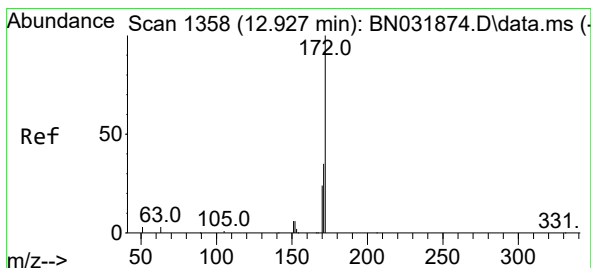
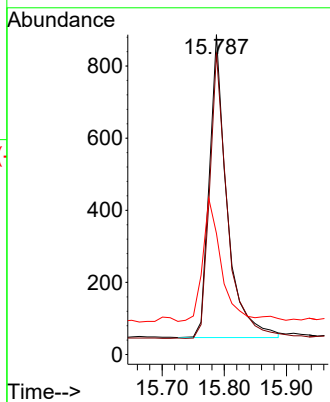
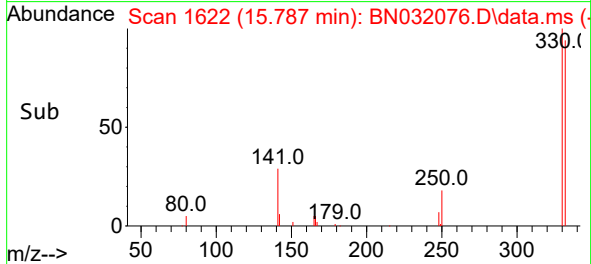


#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

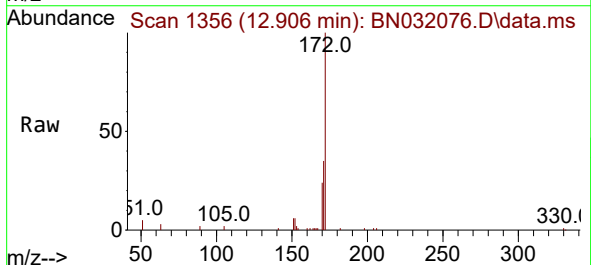
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-280-282



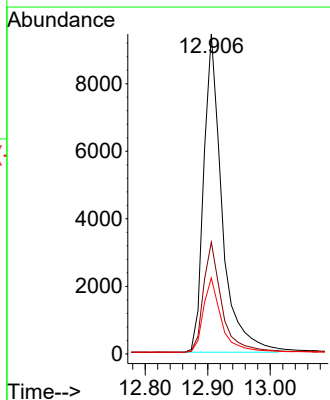
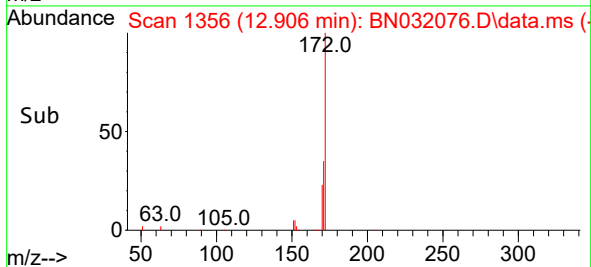
Tgt Ion:330 Resp: 1659
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 42.1 34.7 52.1

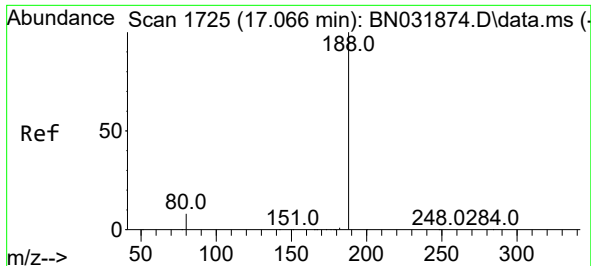


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 12.906 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03



Tgt Ion:172 Resp: 19161
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.8 19.2 28.8

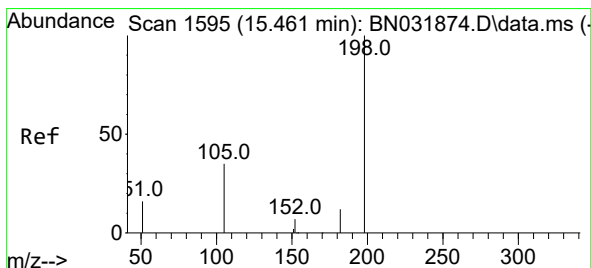
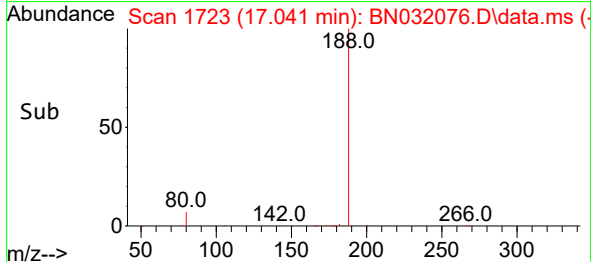
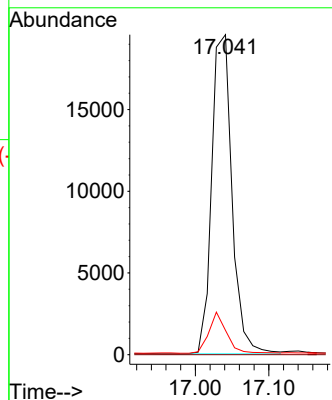
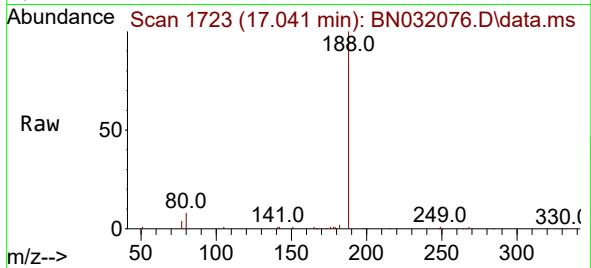




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

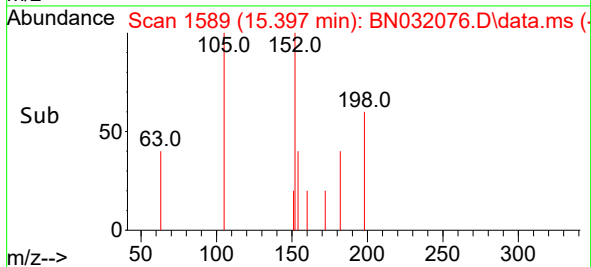
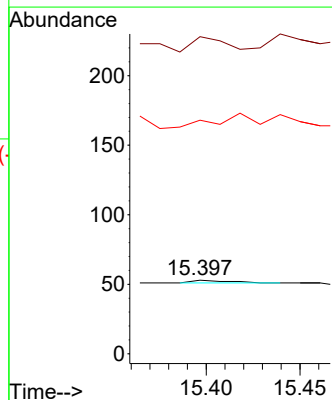
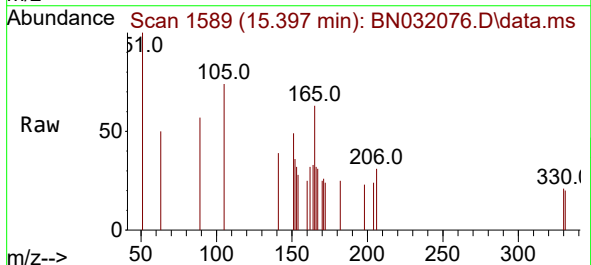
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-280-282

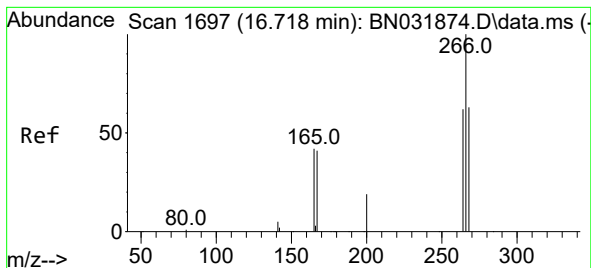
Tgt Ion:188 Resp: 37536
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.4 9.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.043 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 430.2 42.7 64.1#
105 317.0 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

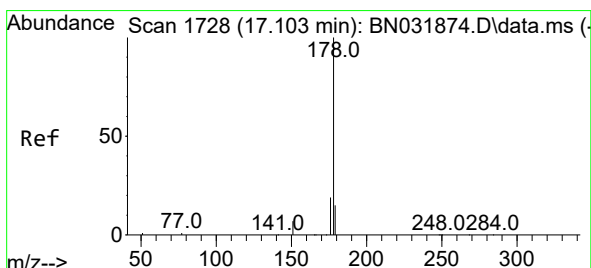
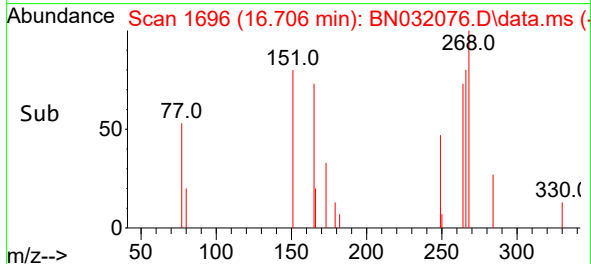
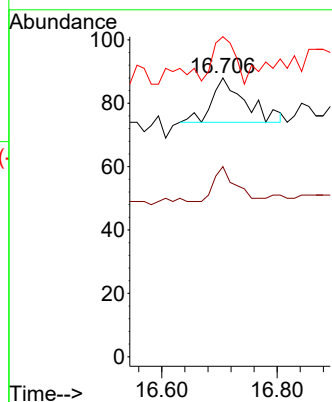
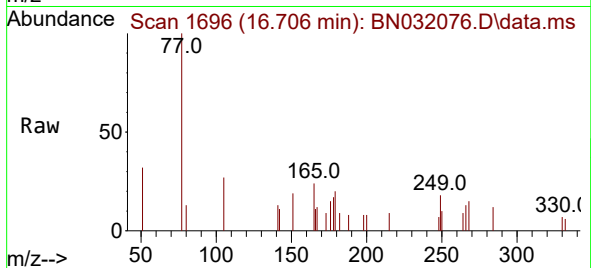
Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-280-282

Tgt Ion:266	Resp:	56
Ion	Ratio	Lower Upper
266	100	
264	50.0	50.0 75.0
268	69.6	51.0 76.6



#25

Phenanthrene

Concen: 0.023 ng

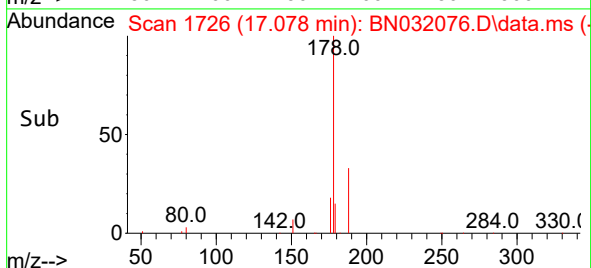
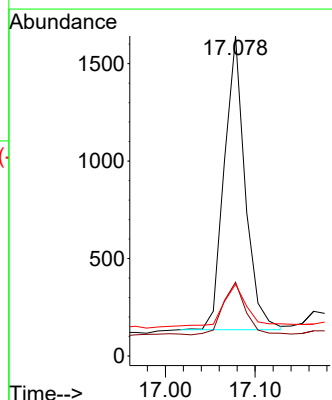
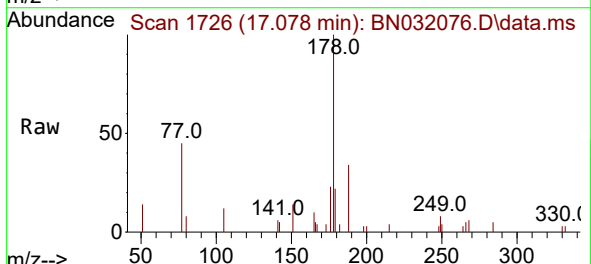
RT: 17.078 min Scan# 1726

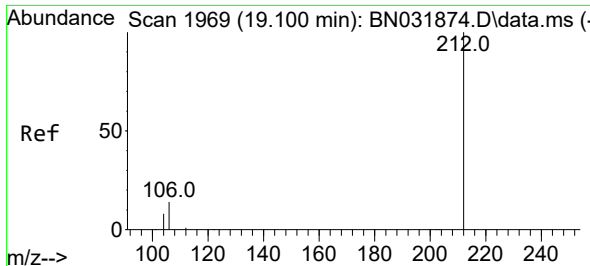
Delta R.T. -0.000 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

Tgt Ion:178	Resp:	2438
Ion	Ratio	Lower Upper
178	100	
176	19.3	15.4 23.0
179	15.3	12.2 18.2

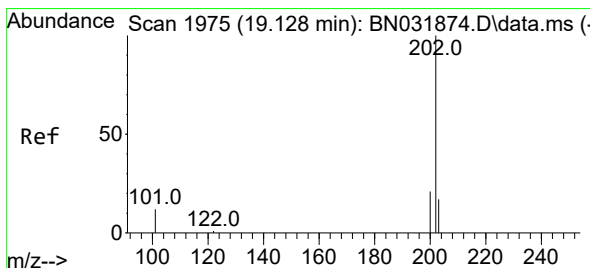
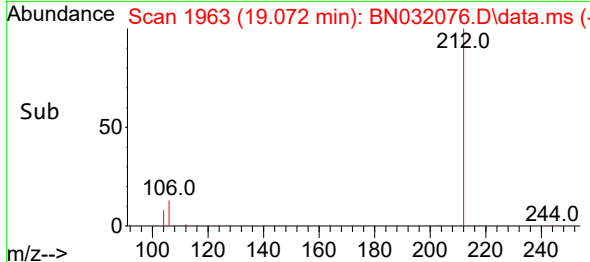
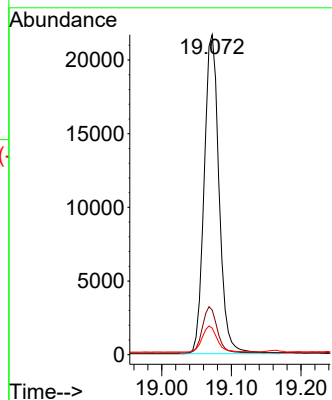
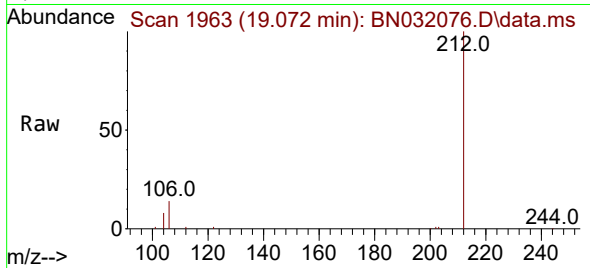




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.072 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

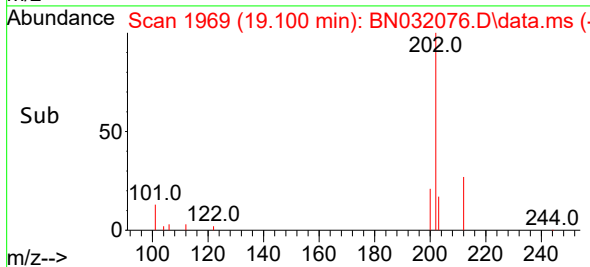
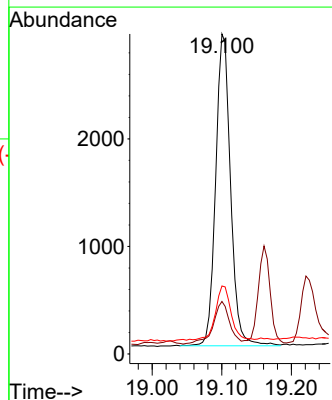
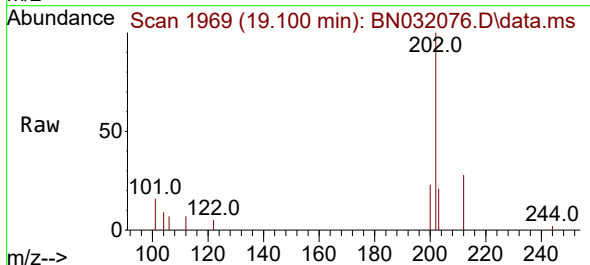
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-280-282

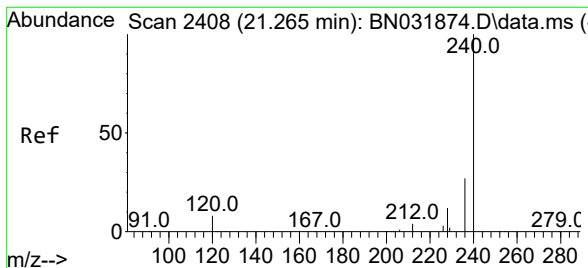
Tgt Ion:212 Resp: 32270
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.8
104 8.1 6.6 10.0



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

Tgt Ion:202 Resp: 4324
Ion Ratio Lower Upper
202 100
101 15.0 9.8 14.6#
203 18.6 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032076.D

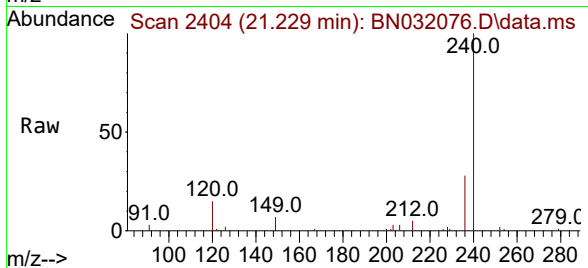
Acq: 19 Jun 2024 20:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-280-282



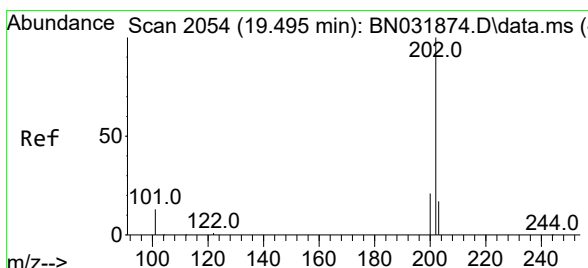
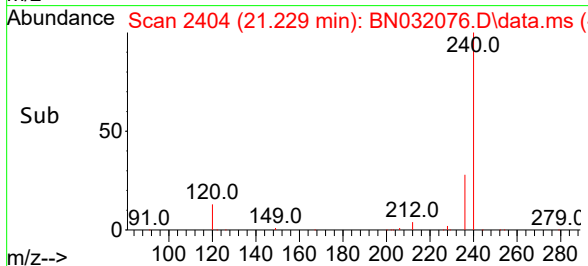
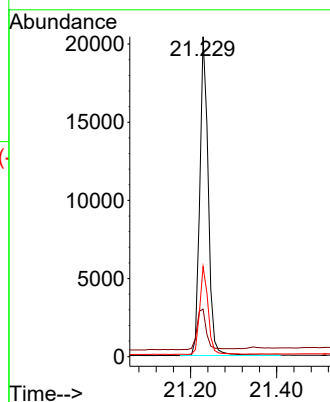
Tgt Ion:240 Resp: 27855

Ion Ratio Lower Upper

240 100

120 14.8 8.2 12.4#

236 28.1 21.8 32.8



#30

Pyrene

Concen: 0.028 ng

RT: 19.467 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

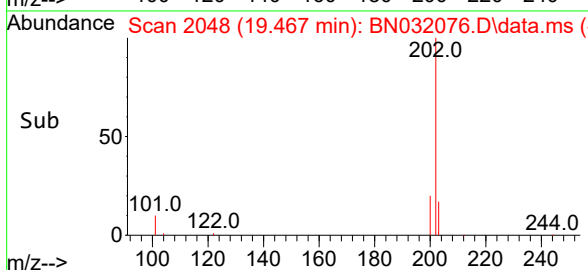
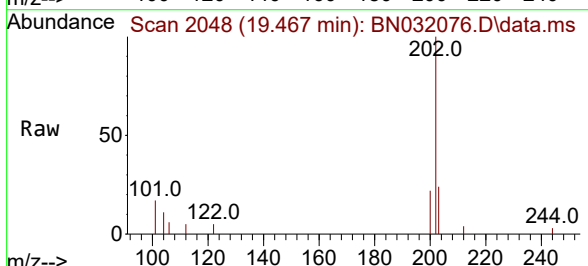
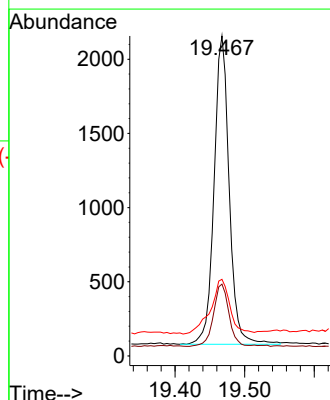
Tgt Ion:202 Resp: 3149

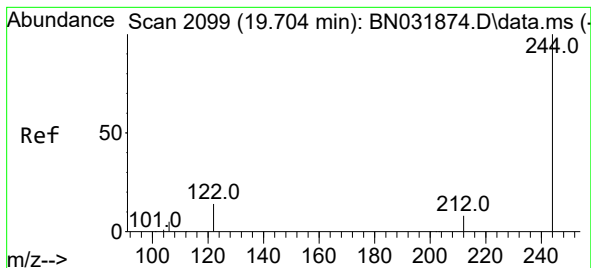
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 22.7 14.3 21.5#





#31

Terphenyl-d14

Concen: 0.466 ng

RT: 19.672 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-280-282

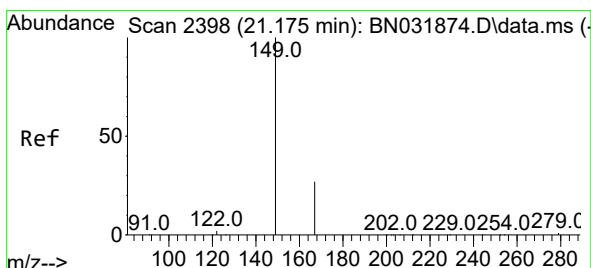
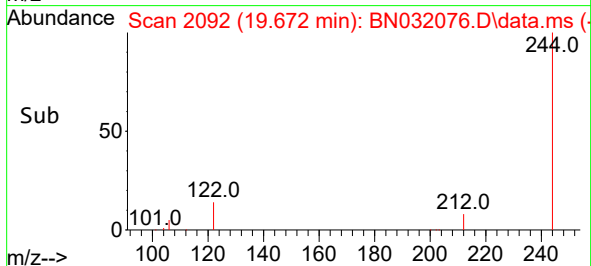
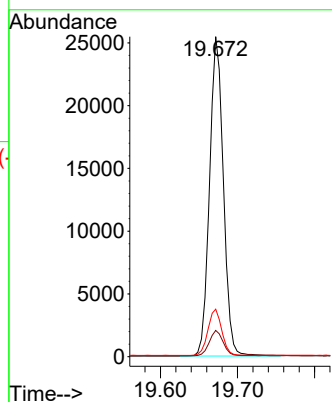
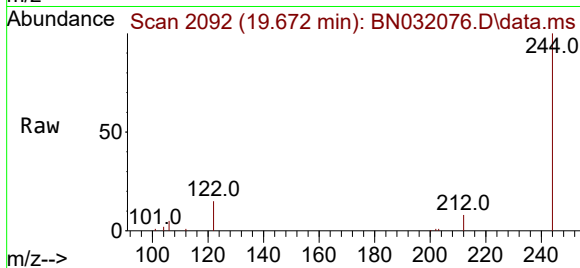
Tgt Ion:244 Resp: 31741

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 14.8 11.4 17.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN032076.D

Acq: 19 Jun 2024 20:03

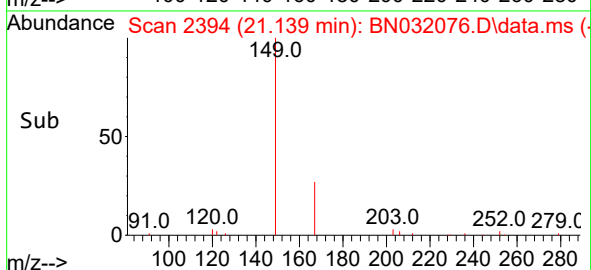
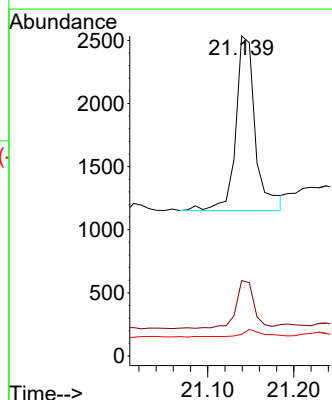
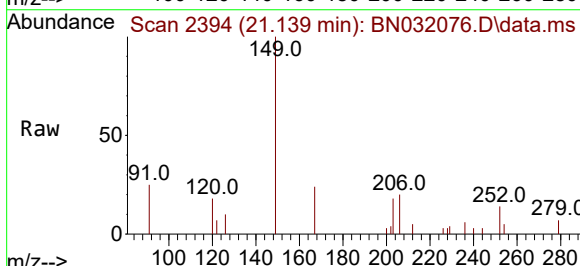
Tgt Ion:149 Resp: 2194

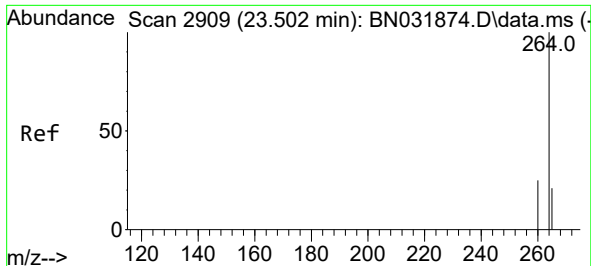
Ion Ratio Lower Upper

149 100

167 25.0 22.5 33.7

279 5.2 2.9 4.3#

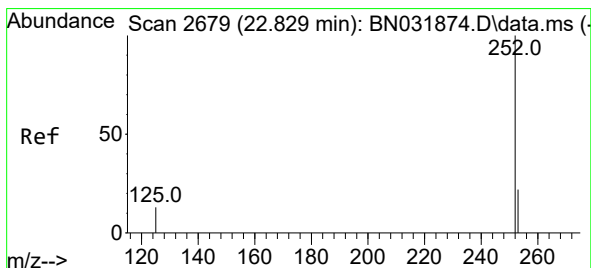
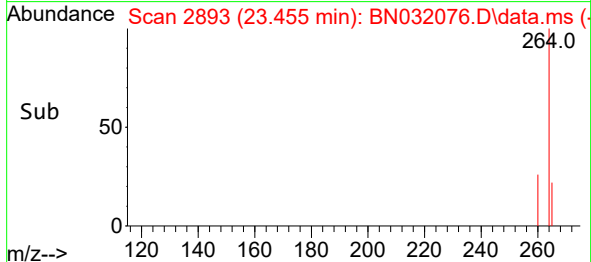
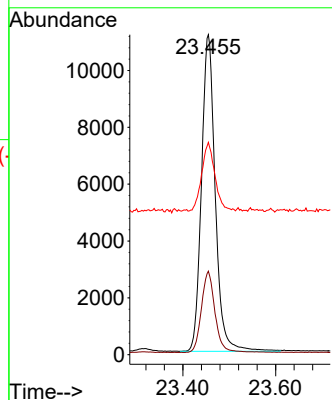
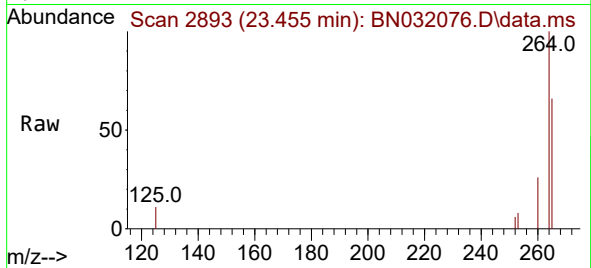




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

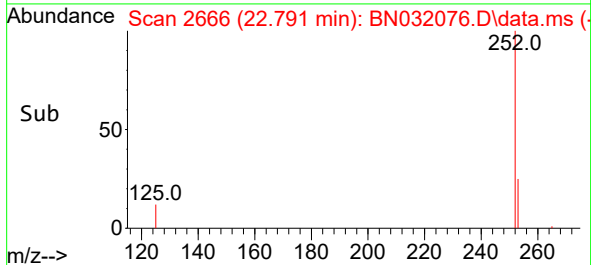
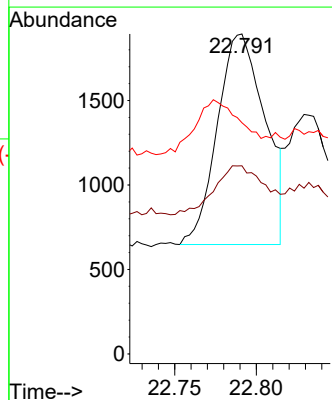
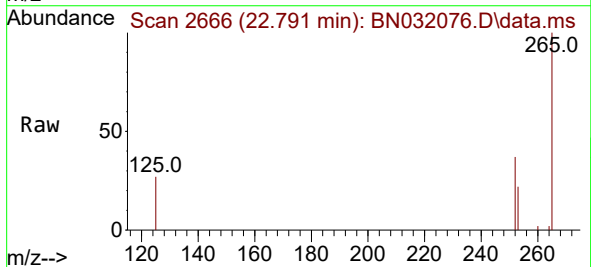
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-280-282

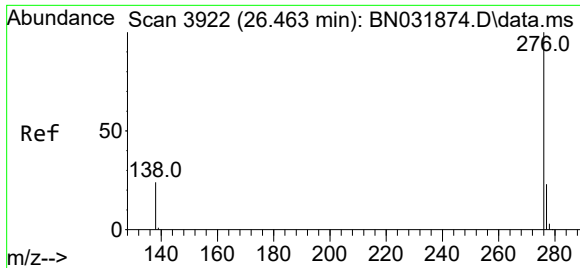
Tgt Ion:264 Resp: 22983
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 66.3 39.6 59.4#



#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.791 min Scan# 2666
Delta R.T. 0.006 min
Lab File: BN032076.D
Acq: 19 Jun 2024 20:03

Tgt Ion:252 Resp: 2536
Ion Ratio Lower Upper
252 100
253 58.8 20.2 30.2#
125 72.2 14.2 21.4#





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.393 min Scan# 3898

Delta R.T. 0.015 min

Lab File: BN032076.D

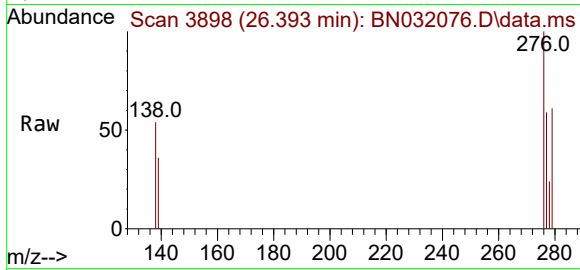
Acq: 19 Jun 2024 20:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-280-282



Tgt Ion:276 Resp: 1535

Ion Ratio Lower Upper

276 100

277 59.3 20.2 30.2#

138 53.6 20.6 31.0#

