

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032086.D
 Acq On : 20 Jun 2024 02:05
 Operator : MA/JU
 Sample : P2891-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-360-362

Quant Time: Jun 20 02:30:13 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)

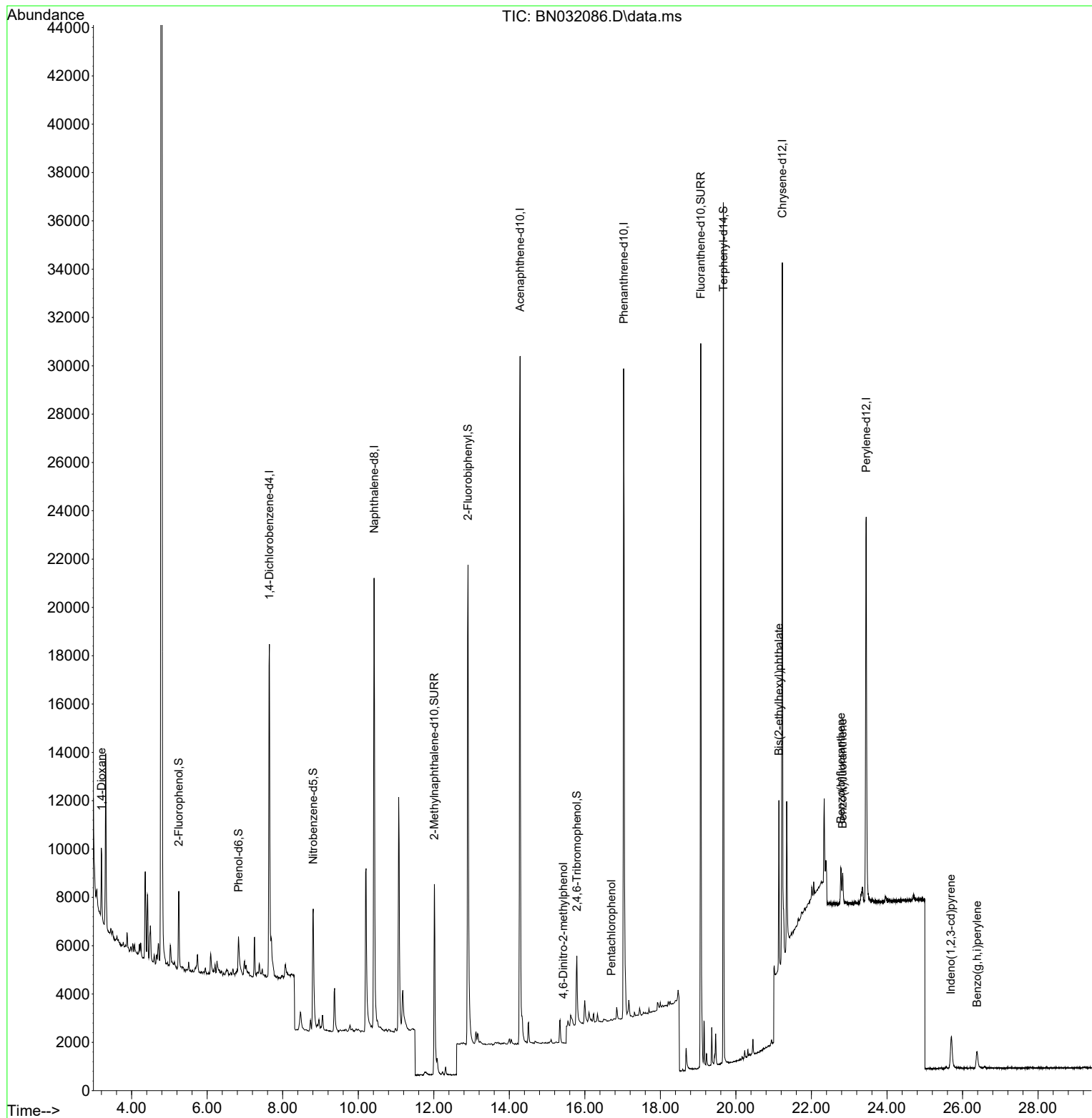
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	8056	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	28312	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	19316	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	42149	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	28119	0.400	ng	0.00
35) Perylene-d12	23.449	264	22407	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3052	0.133	ng	0.00
5) Phenol-d6	6.830	99	2577	0.086	ng	0.00
8) Nitrobenzene-d5	8.809	82	6142	0.261	ng	0.01
11) 2-Methylnaphthalene-d10	12.017	152	13653	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2082	0.225	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	23943	0.327	ng	0.00
27) Fluoranthene-d10	19.068	212	36090	0.315	ng	0.00
31) Terphenyl-d14	19.672	244	35673	0.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	2110	0.214	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.429	198	14	0.176	ng	# 1
24) Pentachlorophenol	16.706	266	59	0.174	ng	94
34) Bis(2-ethylhexyl)phtha...	21.139	149	6113	0.085	ng	97
36) Indeno(1,2,3-cd)pyrene	25.694	276	1901	0.023	ng	94
37) Benzo(b)fluoranthene	22.782	252	1960	0.024	ng	# 6
38) Benzo(k)fluoranthene	22.826	252	1753	0.023	ng	# 1
41) Benzo(g,h,i)perylene	26.384	276	1611	0.023	ng	# 54

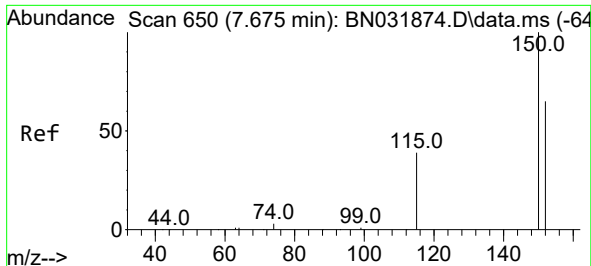
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
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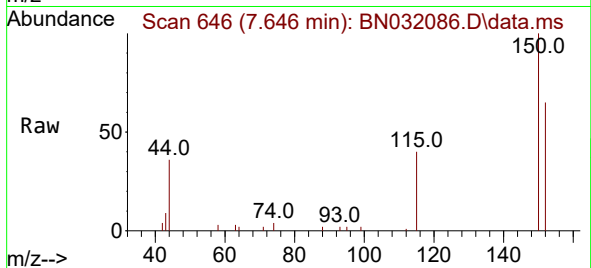
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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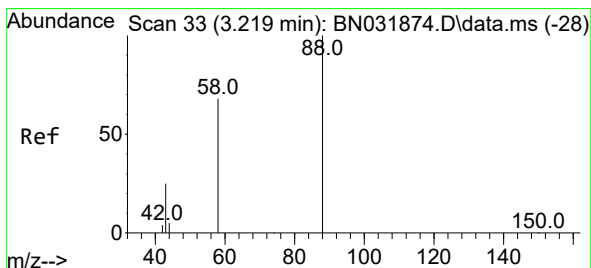
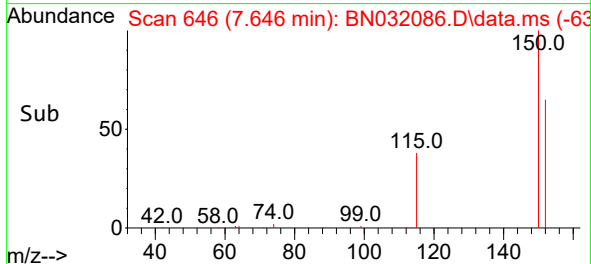
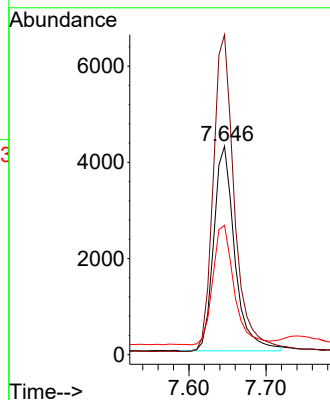


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN032086.D
 Acq: 20 Jun 2024 02:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-360-362

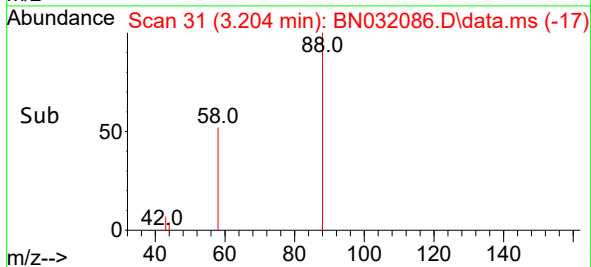
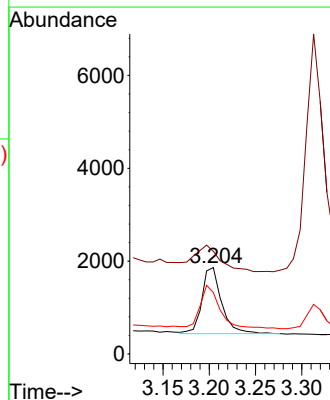
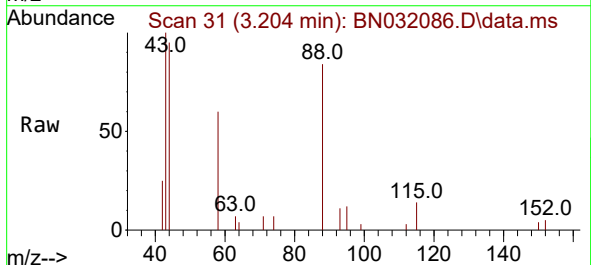


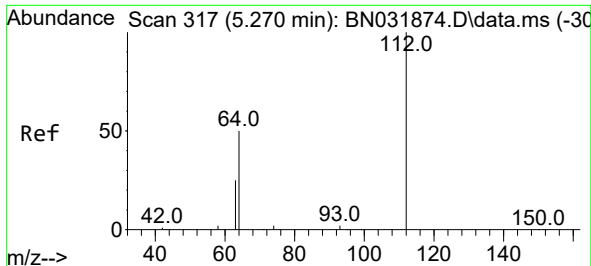
Tgt Ion:152 Resp: 8056
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.0 181.4
 115 62.1 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.214 ng
 RT: 3.204 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN032086.D
 Acq: 20 Jun 2024 02:05

Tgt Ion: 88 Resp: 2110
 Ion Ratio Lower Upper
 88 100
 43 52.9 22.7 34.1#
 58 65.7 51.3 76.9

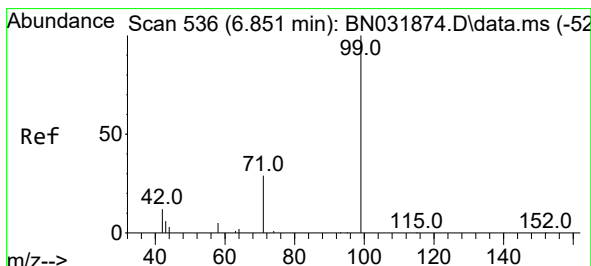
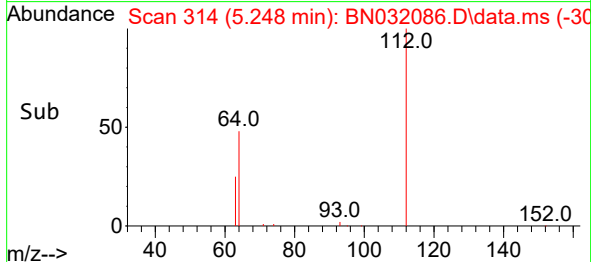
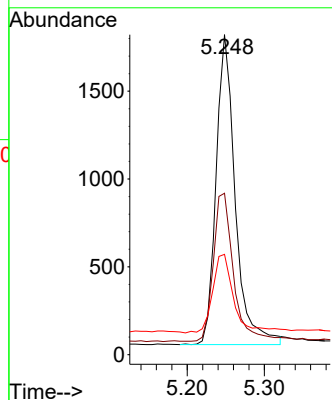
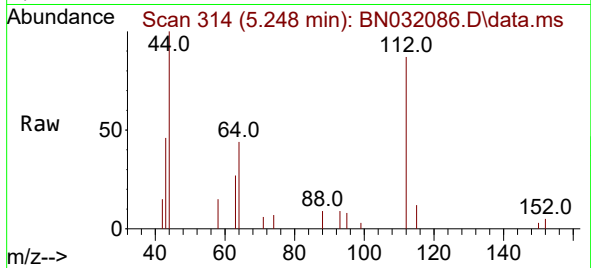




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

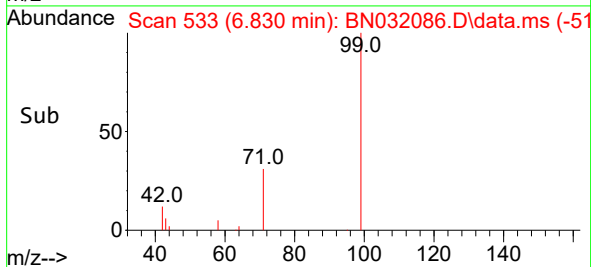
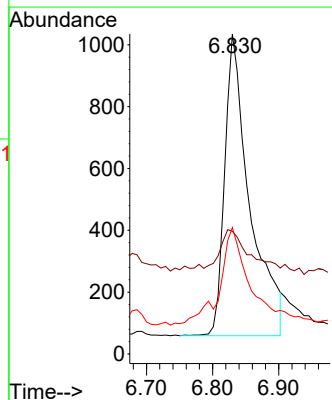
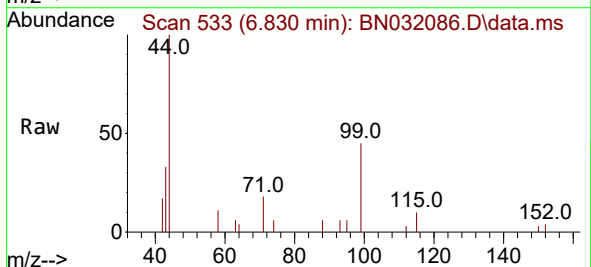
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-360-362

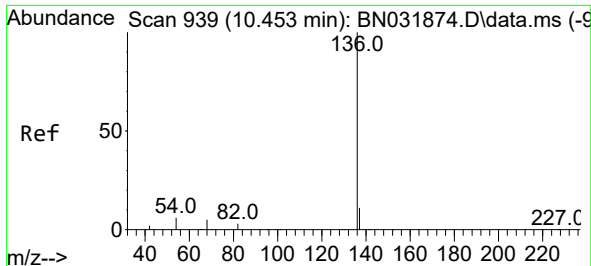
Tgt Ion:112 Resp: 3052
Ion Ratio Lower Upper
112 100
64 49.7 42.4 63.6
63 27.9 22.1 33.1



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

Tgt Ion: 99 Resp: 2577
Ion Ratio Lower Upper
99 100
42 13.5 12.8 19.2
71 35.2 25.4 38.2

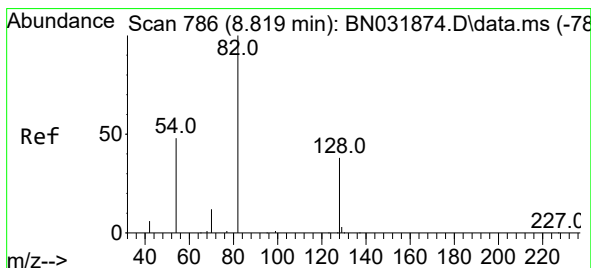
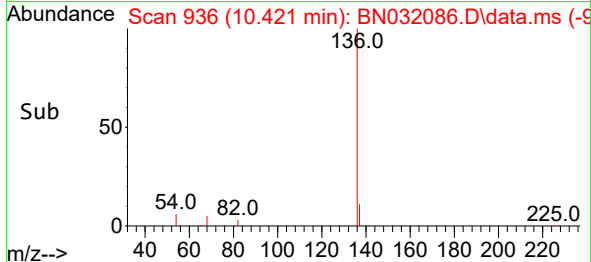
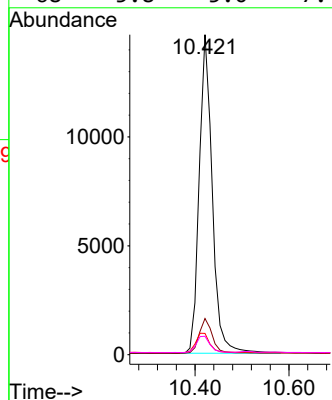
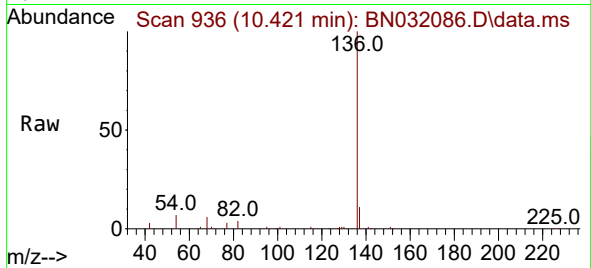




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

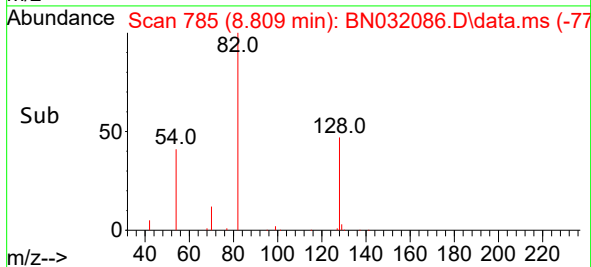
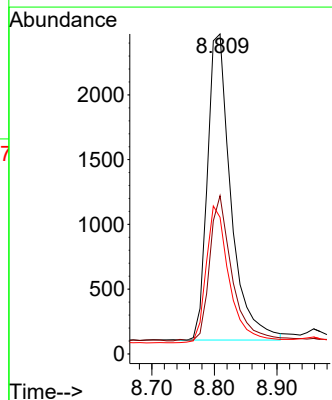
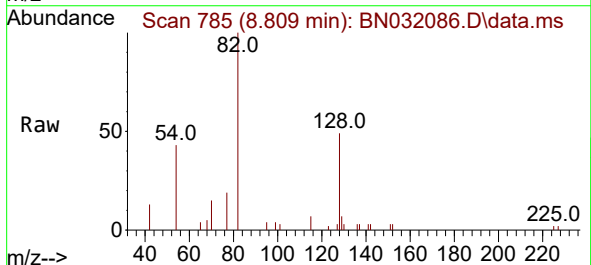
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-360-362

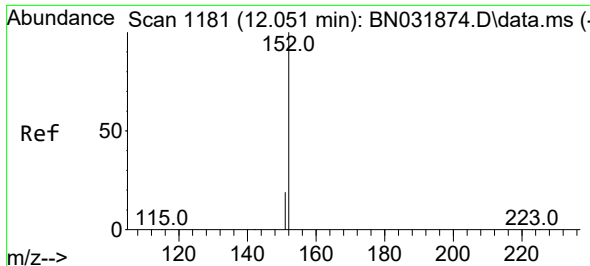
Tgt Ion:	136	Resp:	28312
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	6.7	5.6	8.4
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.809 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

Tgt Ion:	82	Resp:	6142
Ion Ratio	Lower	Upper	
82	100		
128	49.5	32.1	48.1#
54	42.7	39.7	59.5

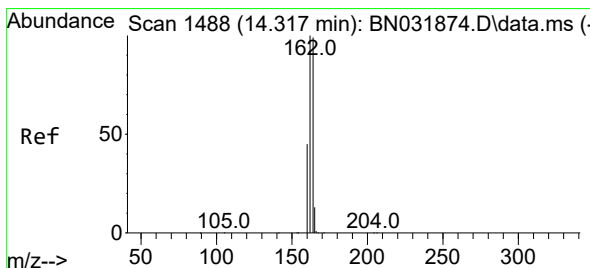
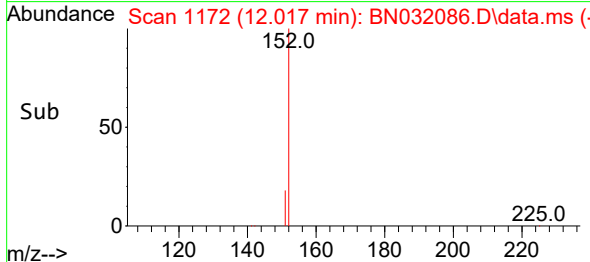
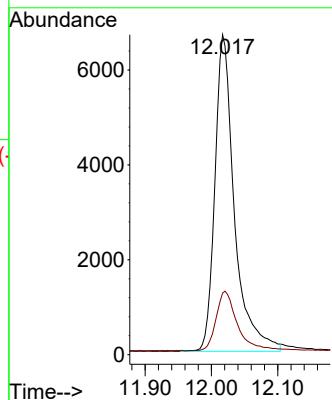
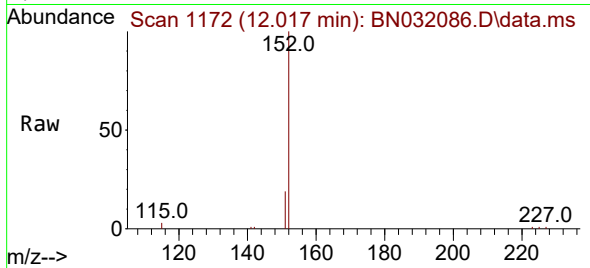




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.017 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

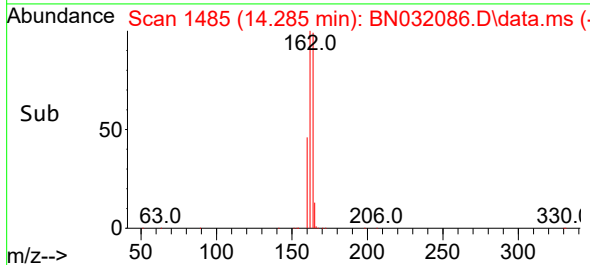
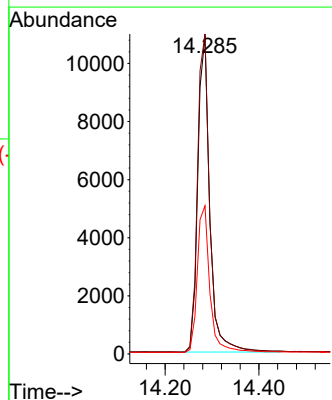
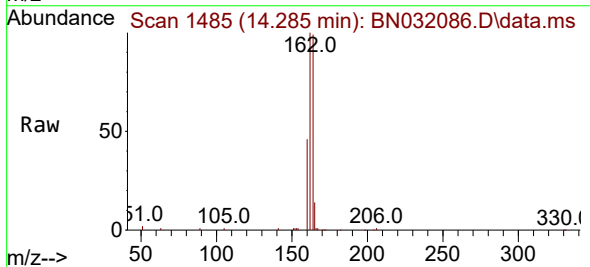
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-360-362

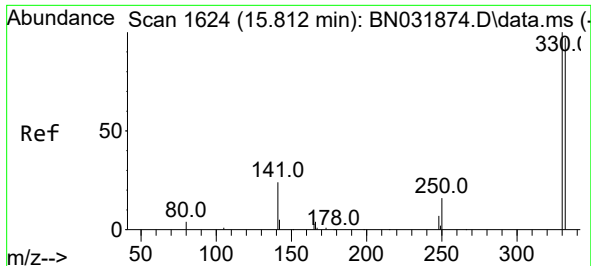
Tgt Ion:152 Resp: 13653
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

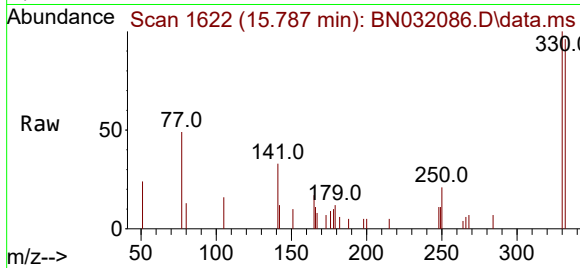
Tgt Ion:164 Resp: 19316
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 46.6 36.2 54.4



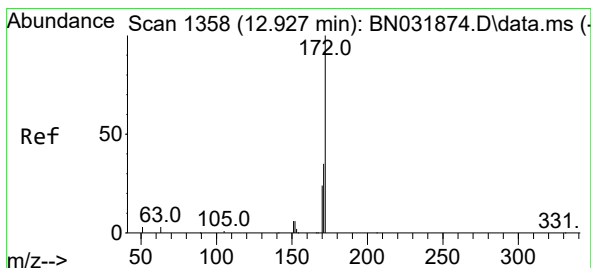
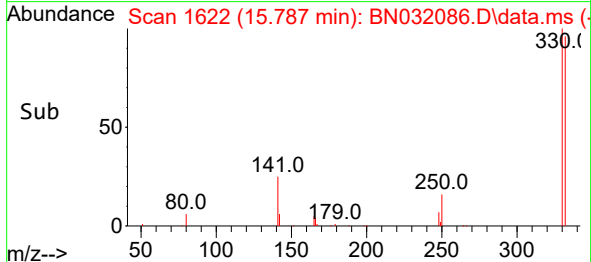
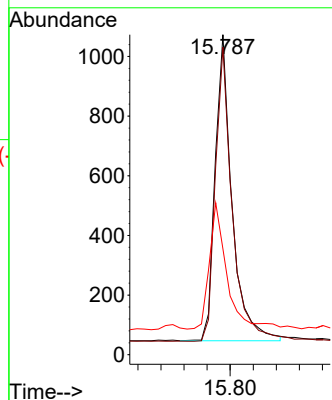


#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-360-362

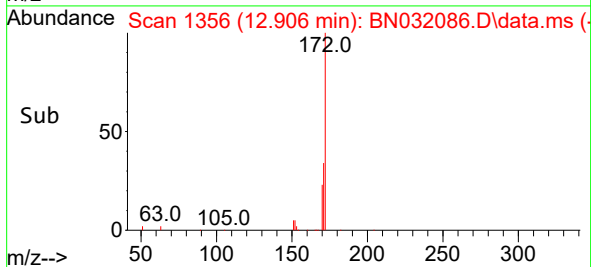
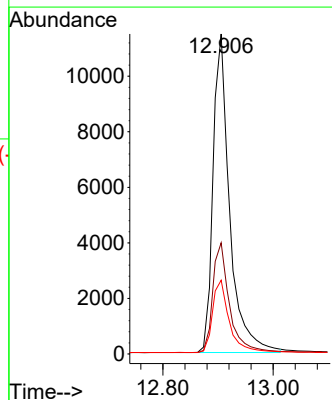
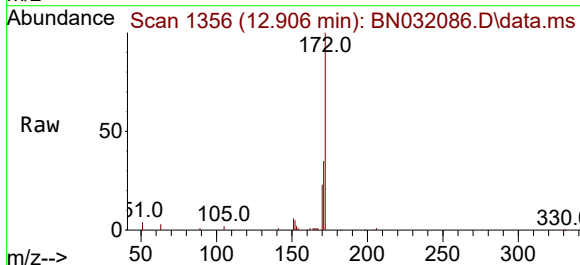


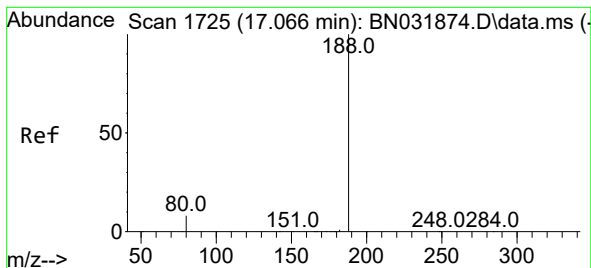
Tgt Ion: 330 Resp: 2082
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 42.6 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.906 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

Tgt Ion: 172 Resp: 23943
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.1 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-360-362

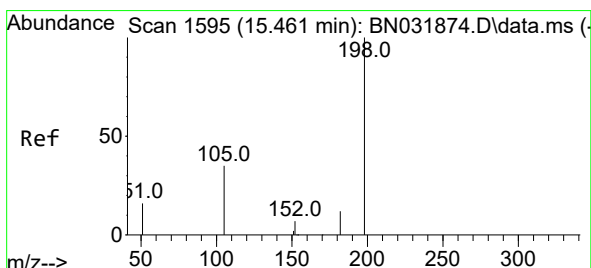
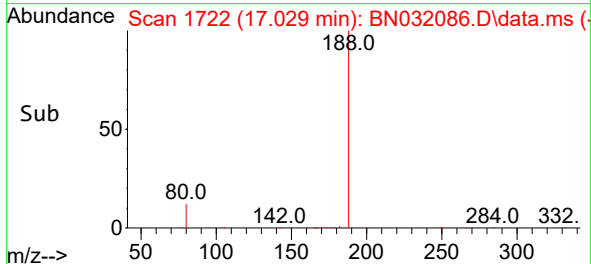
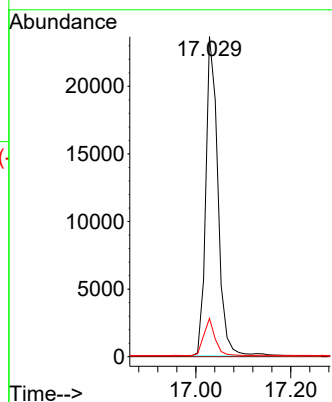
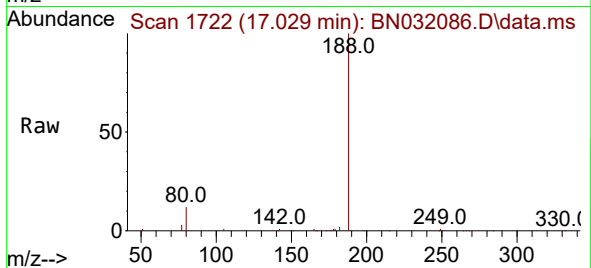
Tgt Ion:188 Resp: 42149

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.429 min Scan# 1592

Delta R.T. -0.011 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

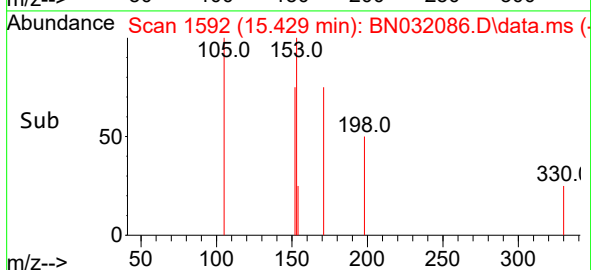
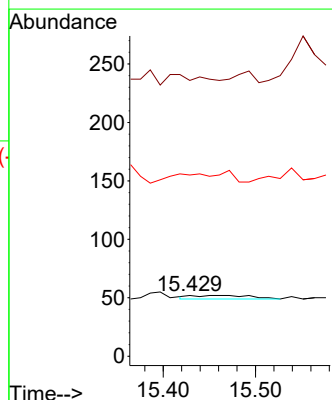
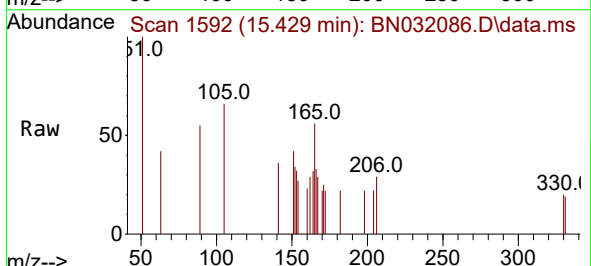
Tgt Ion:198 Resp: 14

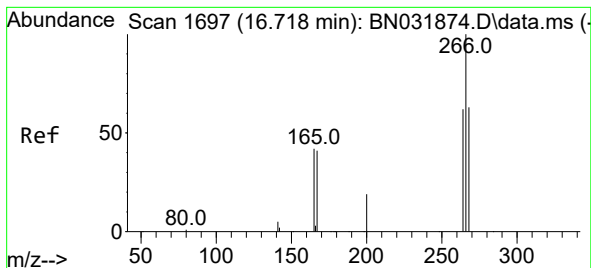
Ion Ratio Lower Upper

198 100

51 453.8 42.7 64.1#

105 298.1 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-360-362

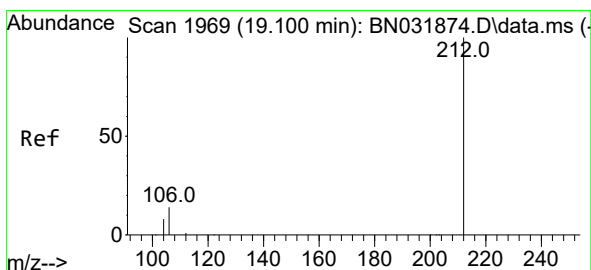
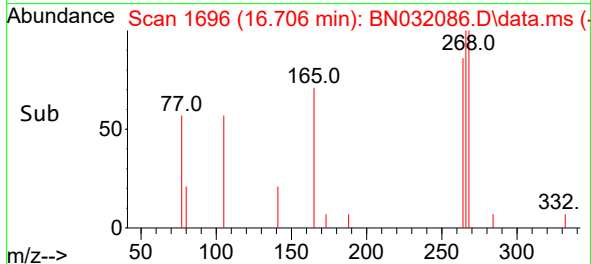
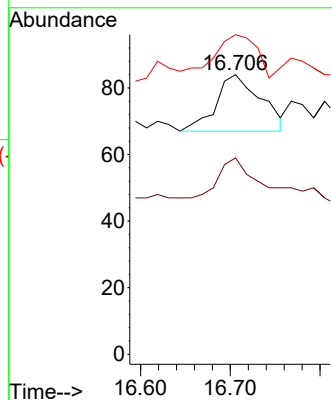
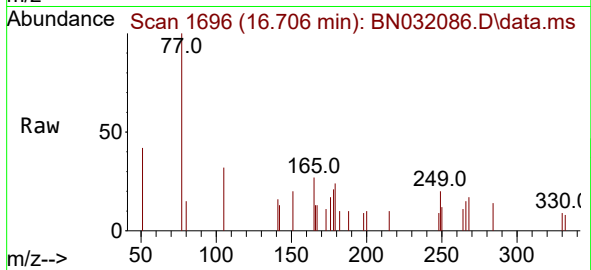
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 61.0 50.0 75.0

268 71.2 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

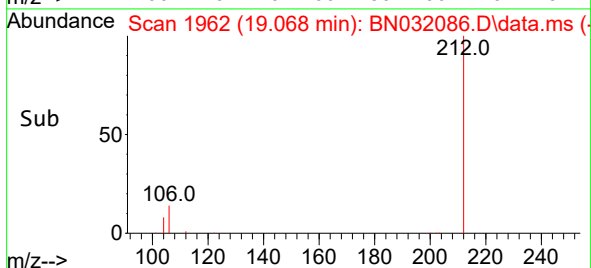
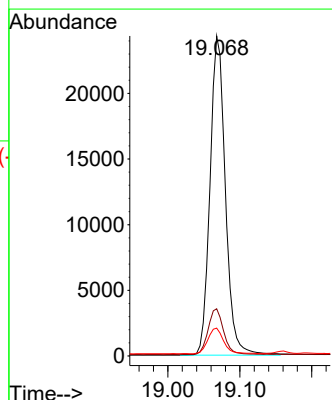
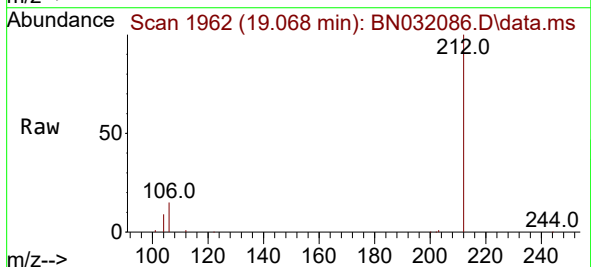
Tgt Ion:212 Resp: 36090

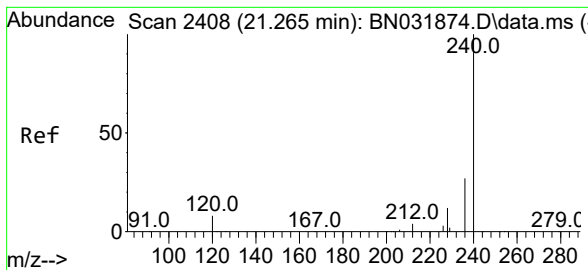
Ion Ratio Lower Upper

212 100

106 14.5 11.8 17.8

104 8.2 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

Instrument :

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ClientSampleId :

BP-VPB-196-GW-360-362

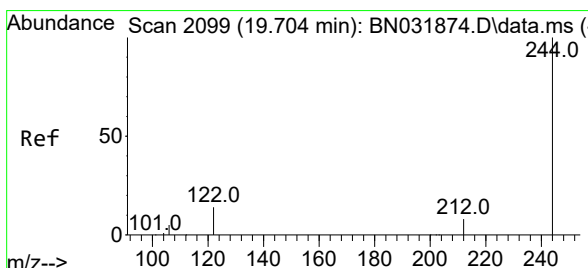
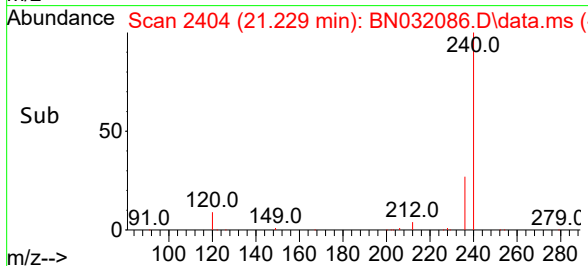
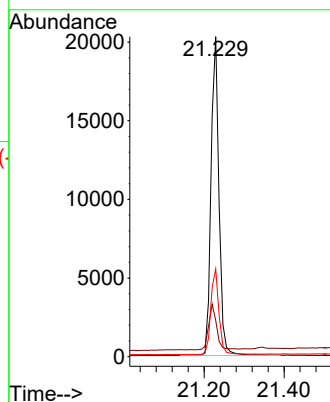
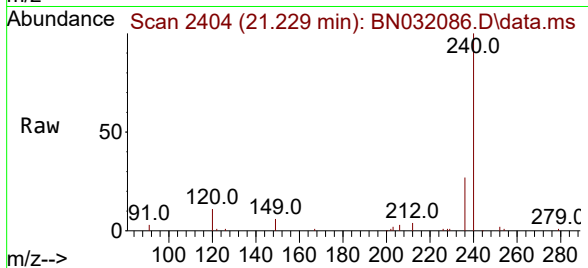
Tgt Ion:240 Resp: 28119

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.4

236 27.4 21.8 32.8



#31

Terphenyl-d14

Concen: 0.519 ng

RT: 19.672 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

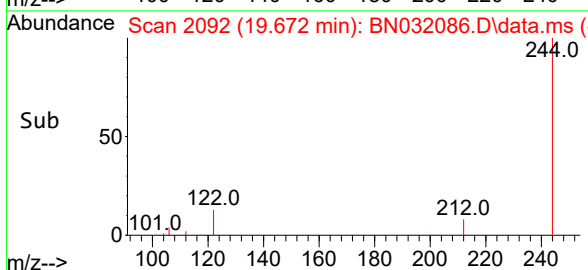
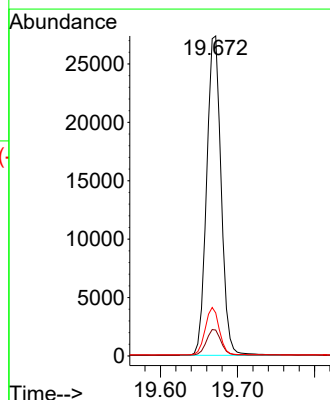
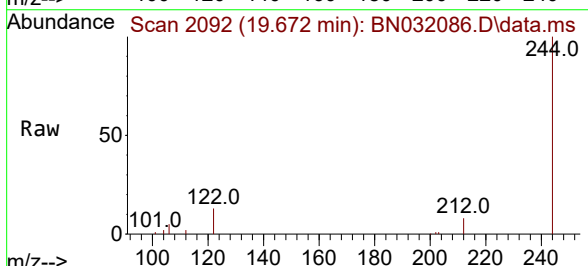
Tgt Ion:244 Resp: 35673

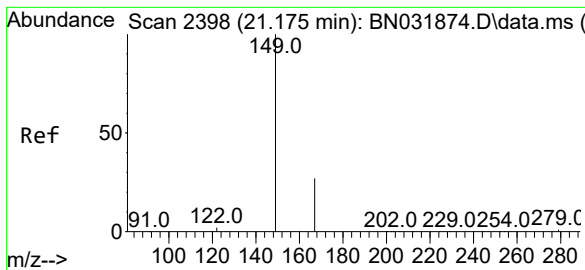
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 13.5 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-360-362

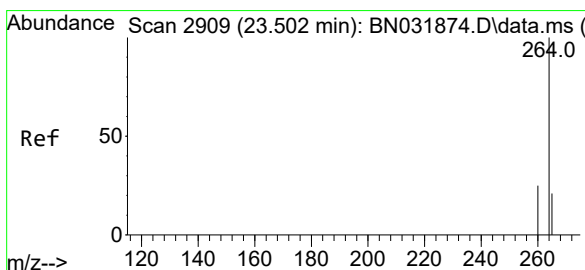
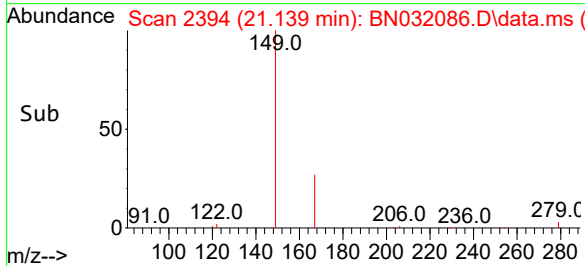
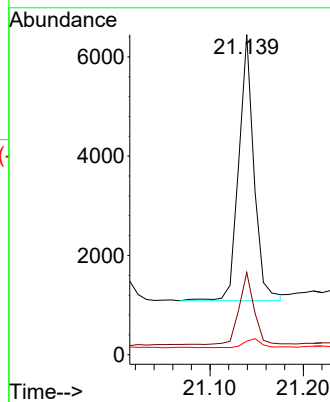
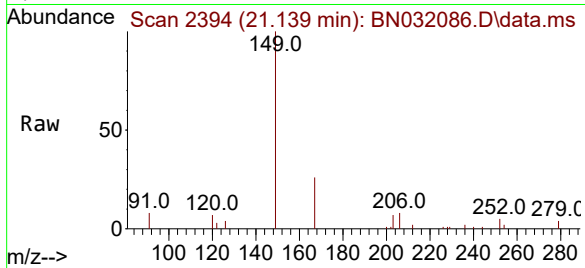
Tgt Ion:149 Resp: 6113

Ion Ratio Lower Upper

149 100

167 26.5 22.5 33.7

279 3.8 2.9 4.3



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.449 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

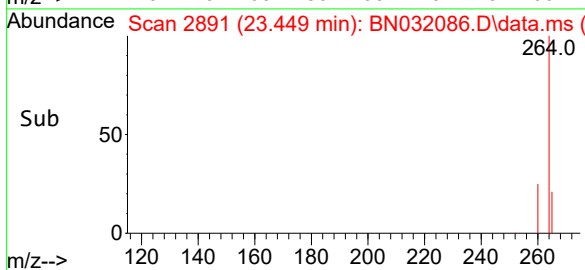
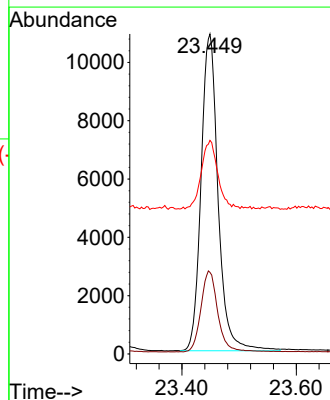
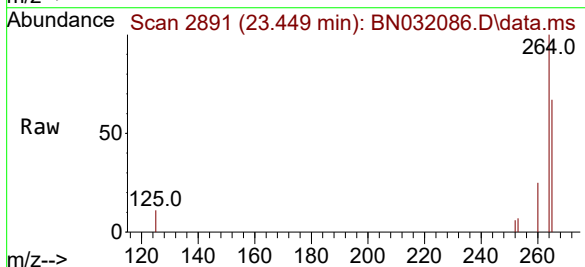
Tgt Ion:264 Resp: 22407

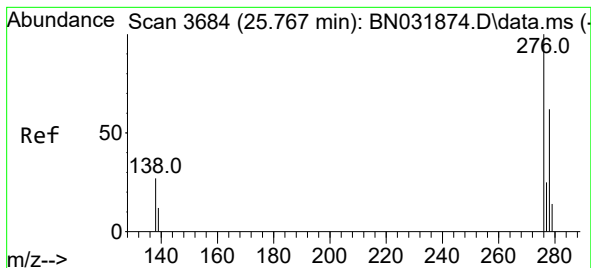
Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 66.7 39.6 59.4#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 25.694 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN032086.D

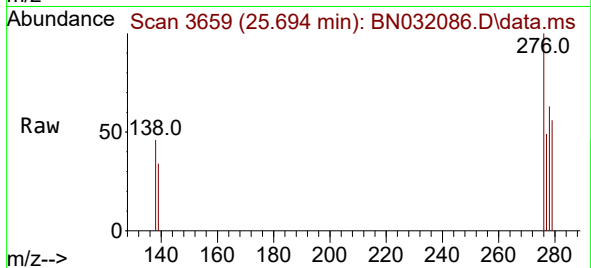
Acq: 20 Jun 2024 02:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-360-362



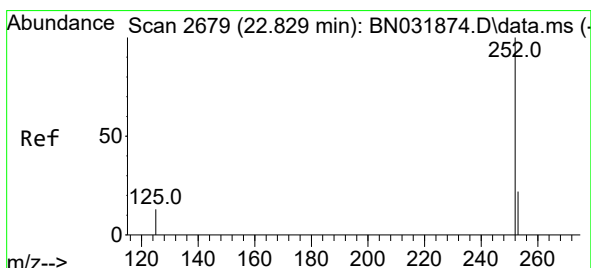
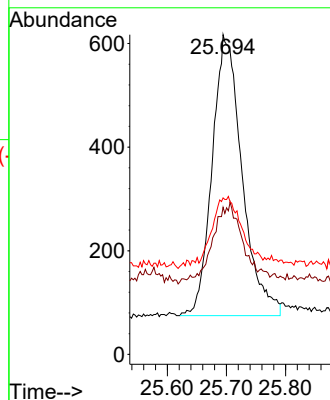
Tgt Ion:276 Resp: 1901

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

277 22.6 19.8 29.8



#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.782 min Scan# 2663

Delta R.T. -0.003 min

Lab File: BN032086.D

Acq: 20 Jun 2024 02:05

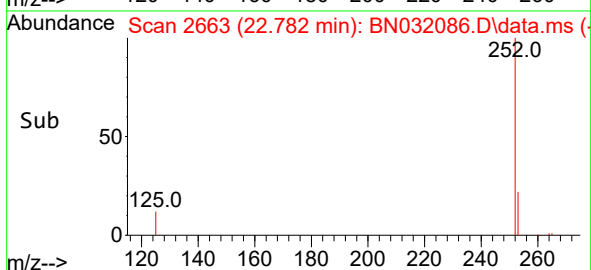
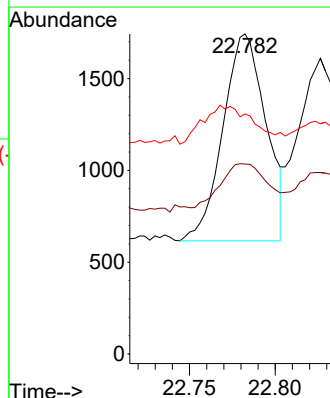
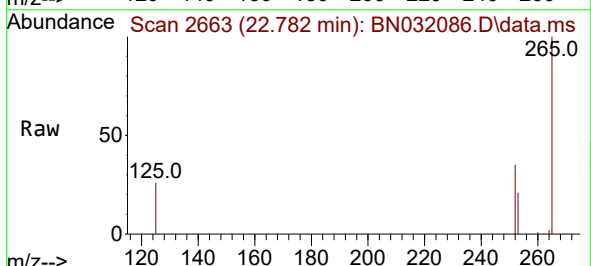
Tgt Ion:252 Resp: 1960

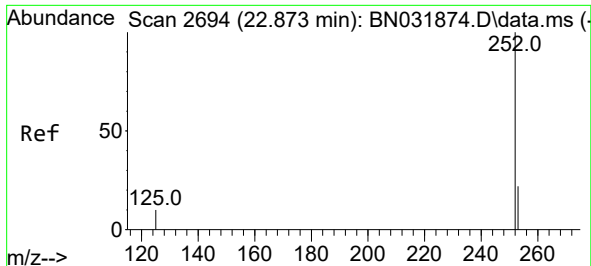
Ion Ratio Lower Upper

252 100

253 59.4 20.2 30.2#

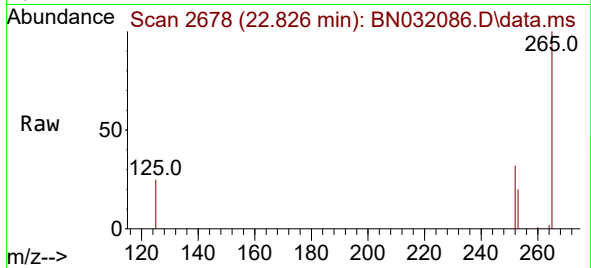
125 75.0 14.2 21.4#



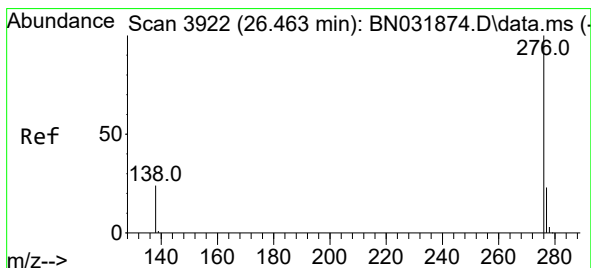
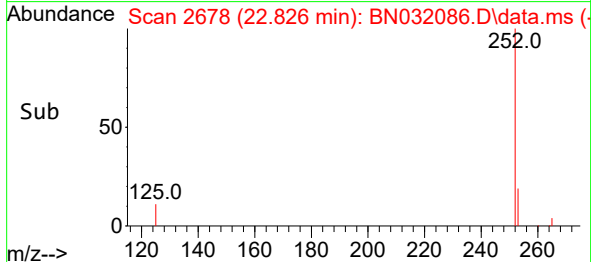
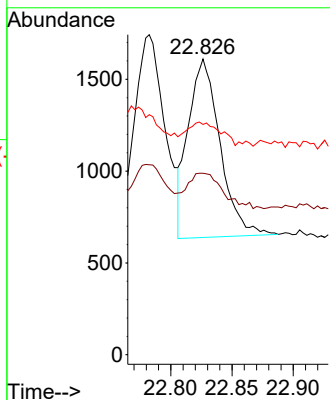


#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.826 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-360-362



Tgt Ion:252 Resp: 1753
Ion Ratio Lower Upper
252 100
253 61.3 19.9 29.9#
125 77.8 13.0 19.4#



#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 26.384 min Scan# 3895
Delta R.T. 0.006 min
Lab File: BN032086.D
Acq: 20 Jun 2024 02:05

Tgt Ion:276 Resp: 1611
Ion Ratio Lower Upper
276 100
277 51.4 20.2 30.2#
138 45.8 20.6 31.0#

