

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032263.D
 Acq On : 26 Jun 2024 05:55
 Operator : MA/JU
 Sample : P3056-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-680-682

Quant Time: Jun 26 07:46:17 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)

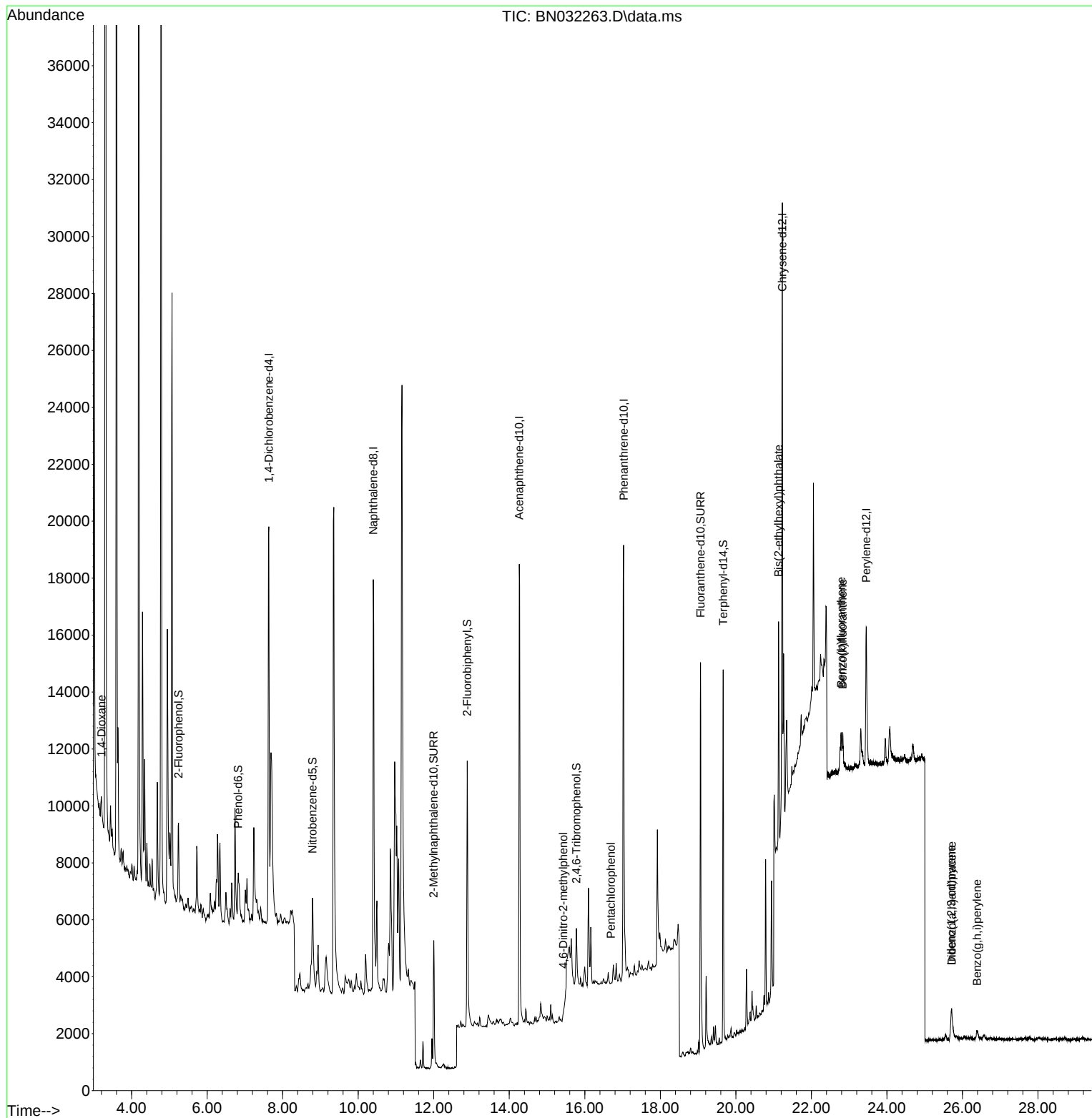
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7923	0.400	ng	-0.01
7) Naphthalene-d8	10.400	136	23361	0.400	ng	#-0.02
13) Acenaphthene-d10	14.264	164	11202	0.400	ng	-0.02
19) Phenanthrene-d10	17.029	188	26232	0.400	ng	0.00
29) Chrysene-d12	21.229	240	21920	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	7105	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	2933	0.130	ng	0.00
5) Phenol-d6	6.823	99	2009	0.068	ng	0.00
8) Nitrobenzene-d5	8.788	82	3624	0.187	ng	-0.01
11) 2-Methylnaphthalene-d10	11.998	152	6840	0.184	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1354	0.252	ng	-0.01
15) 2-Fluorobiphenyl	12.884	172	10264	0.242	ng	-0.02
27) Fluoranthene-d10	19.063	212	15904	0.223	ng	0.00
31) Terphenyl-d14	19.662	244	12944	0.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	749	0.077	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.429	198	3	0.175	ng	# 1
24) Pentachlorophenol	16.694	266	54	0.176	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.130	149	7132	0.127	ng	99
36) Indeno(1,2,3-cd)pyrene	25.706	276	1280	0.048	ng	94
37) Benzo(b)fluoranthene	22.785	252	2032	0.078	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	1349	0.055	ng	# 1
40) Dibenzo(a,h)anthracene	25.715	278	998	0.048	ng	# 1
41) Benzo(g,h,i)perylene	26.384	276	759	0.034	ng	# 1

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

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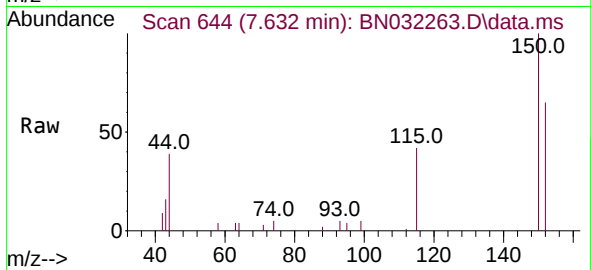
Quant Time: Jun 26 07:46:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
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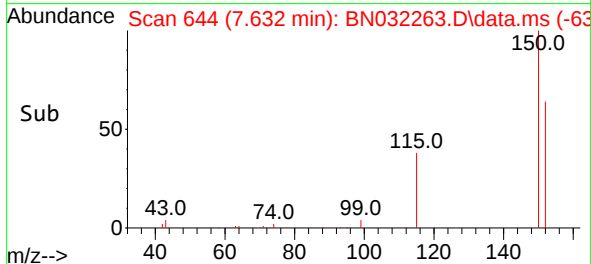
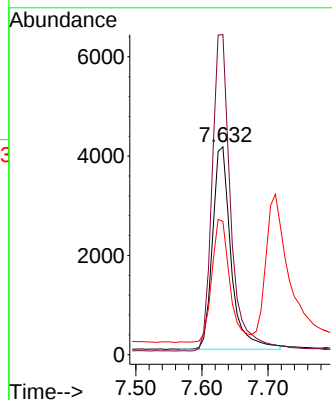
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-680-682



Tgt Ion:152 Resp: 7923

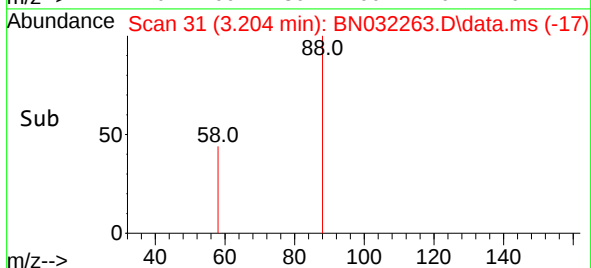
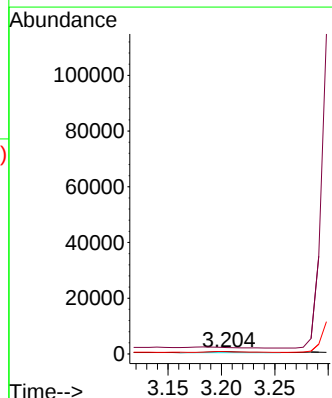
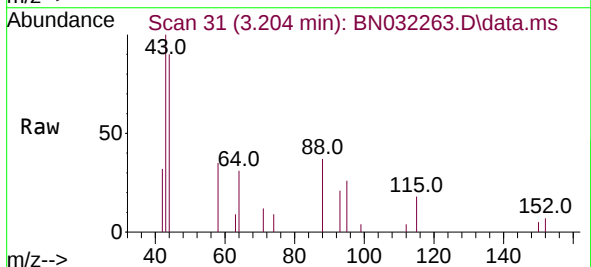
Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.0	181.4
115	64.1	49.4	74.0



#2
 1,4-Dioxane
 Concen: 0.077 ng
 RT: 3.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55

Tgt Ion: 88 Resp: 749

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.7	34.1#
58	72.5	51.3	76.9

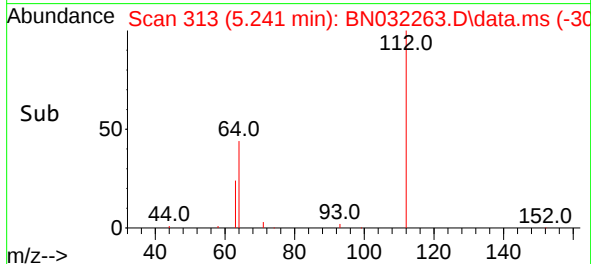
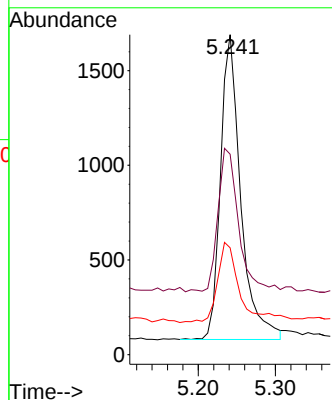
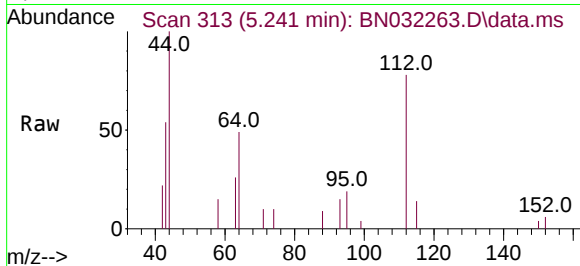




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

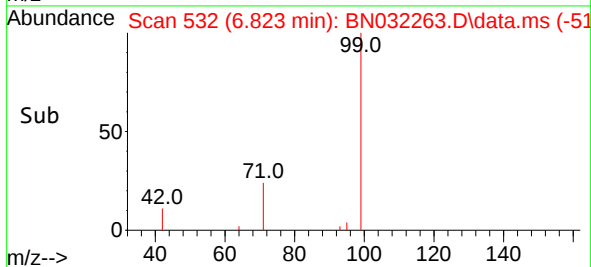
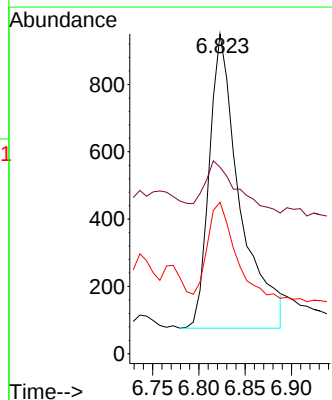
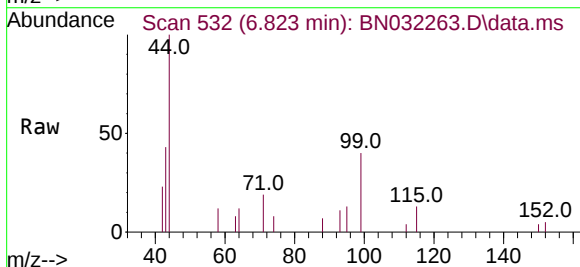
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

Tgt Ion:112 Resp: 2933
Ion Ratio Lower Upper
112 100
64 46.0 42.4 63.6
63 28.1 22.1 33.1



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Tgt Ion: 99 Resp: 2009
Ion Ratio Lower Upper
99 100
42 18.2 12.8 19.2
71 29.2 25.4 38.2

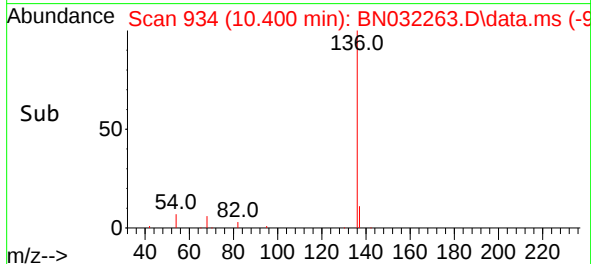
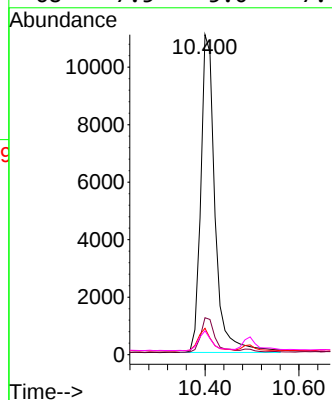
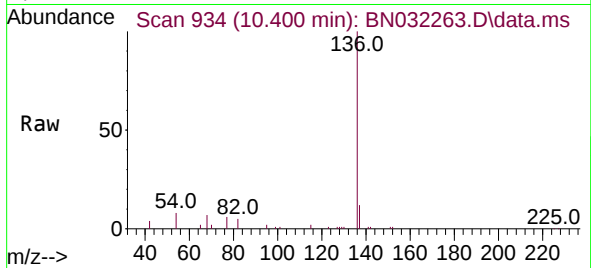




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.400 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

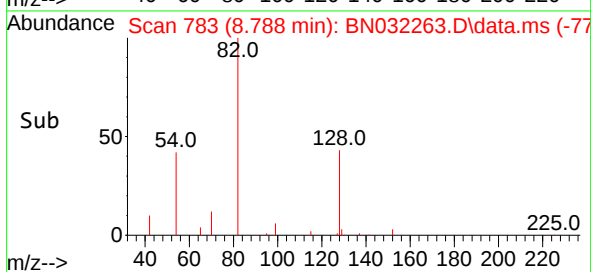
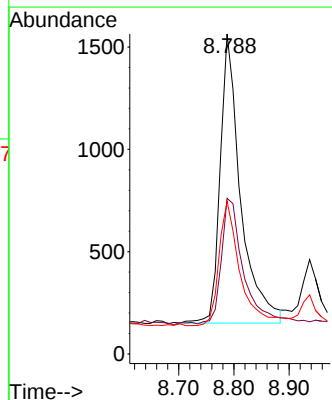
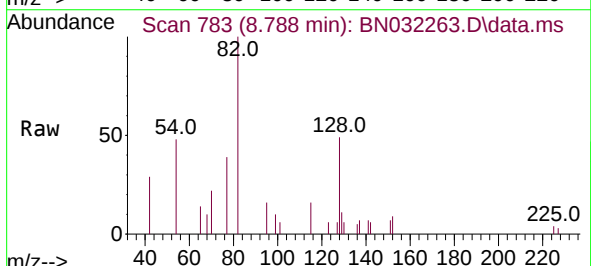
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

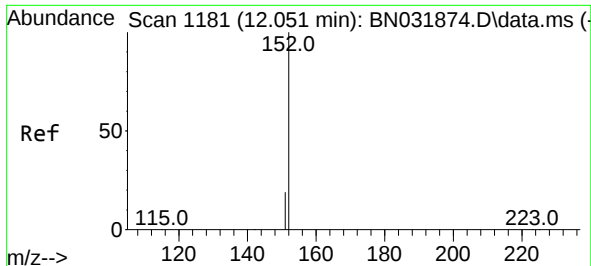
Tgt Ion:	136	Resp:	23361
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.3	5.6	8.4
68	7.5	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.187 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Tgt Ion:	82	Resp:	3624
Ion	Ratio	Lower	Upper
82	100		
128	48.7	32.1	48.1
54	47.8	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.184 ng

RT: 11.998 min Scan# 1181

Delta R.T. -0.023 min

Lab File: BN032263.D

Acq: 26 Jun 2024 05:55

Instrument :

BNA_N

ClientSampleId :

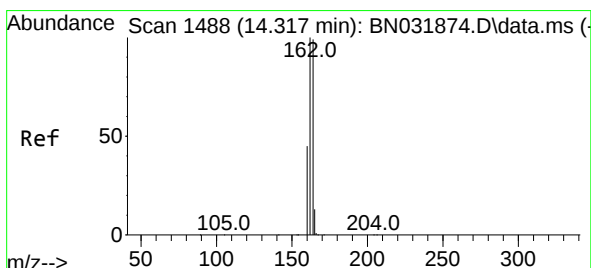
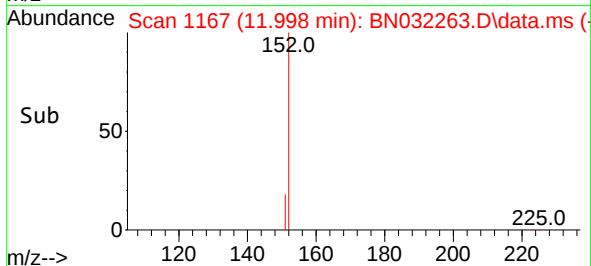
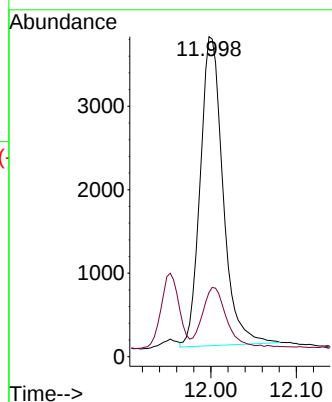
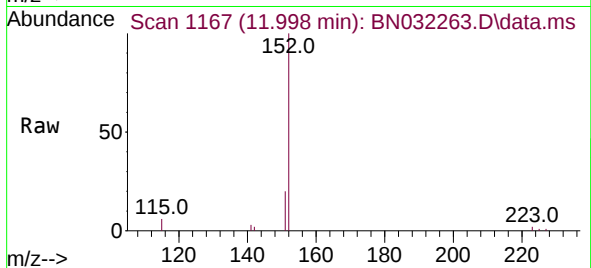
BP-VPB-196-GW-680-682

Tgt Ion:152 Resp: 6840

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.264 min Scan# 1483

Delta R.T. -0.021 min

Lab File: BN032263.D

Acq: 26 Jun 2024 05:55

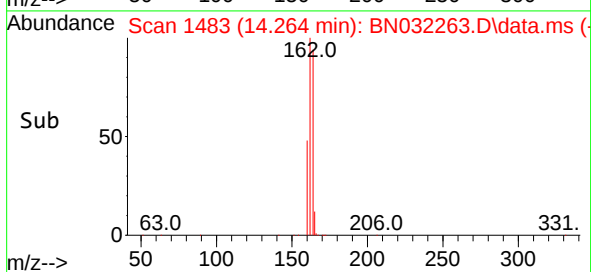
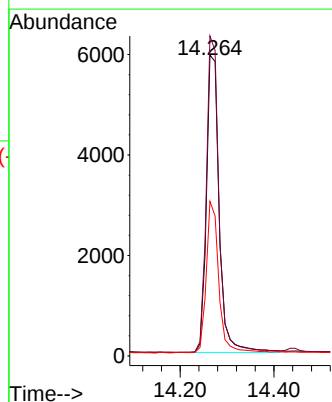
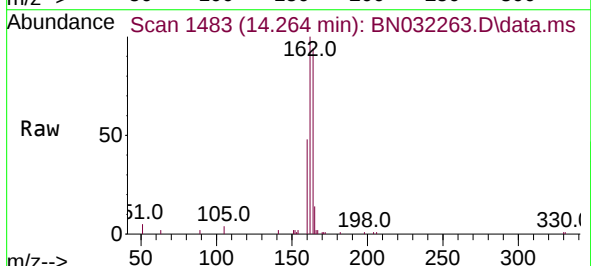
Tgt Ion:164 Resp: 11202

Ion Ratio Lower Upper

164 100

162 106.4 80.7 121.1

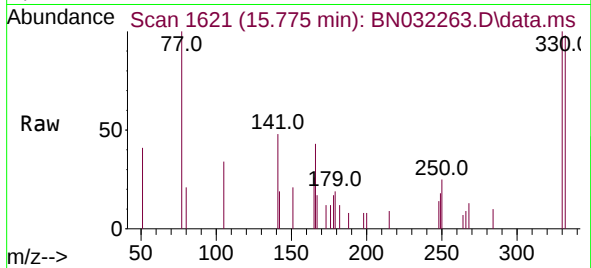
160 51.4 36.2 54.4



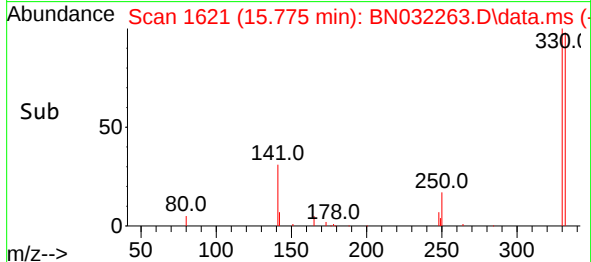
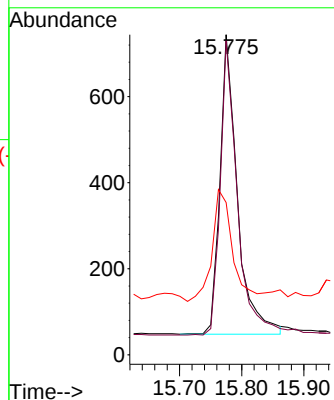


#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

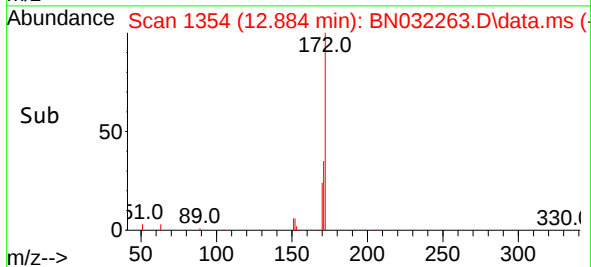
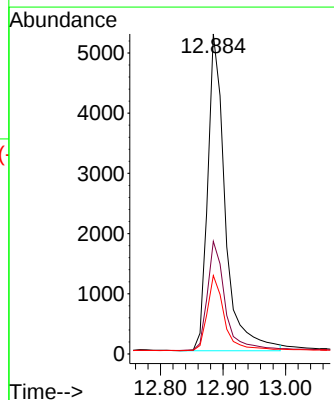
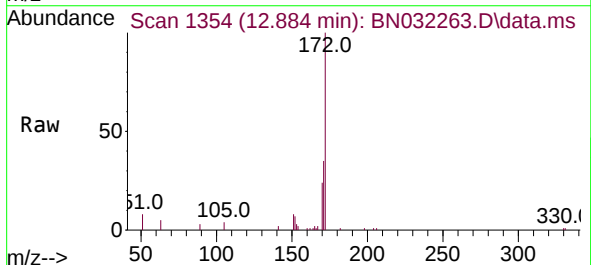


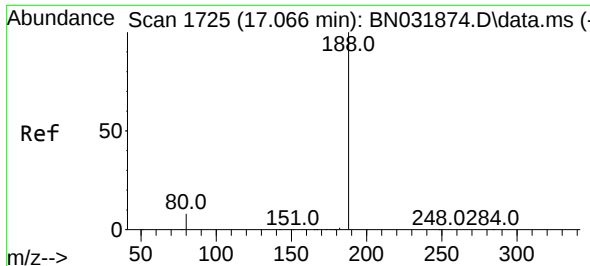
Tgt Ion:330 Resp: 1354
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 43.5 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 12.884 min Scan# 1354
Delta R.T. -0.021 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Tgt Ion:172 Resp: 10264
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.5 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: BN032263.D

Acq: 26 Jun 2024 05:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-680-682

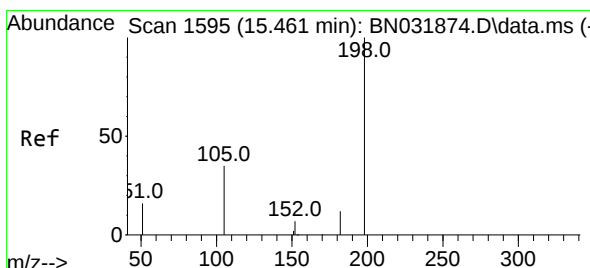
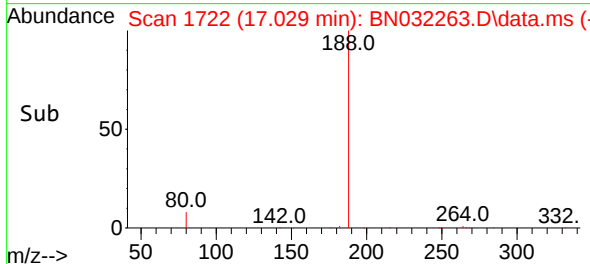
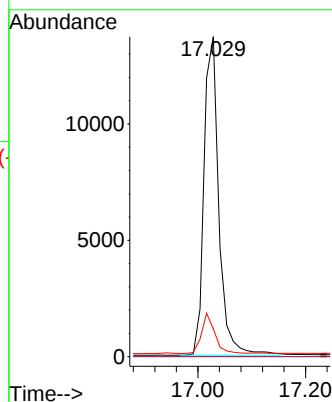
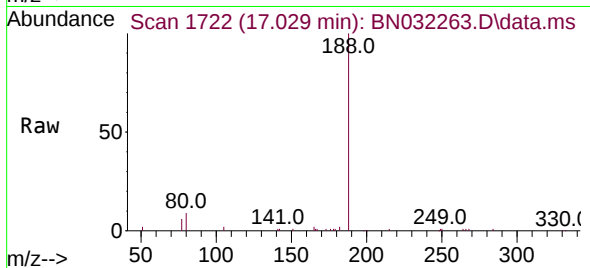
Tgt Ion:188 Resp: 26232

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.429 min Scan# 1592

Delta R.T. -0.011 min

Lab File: BN032263.D

Acq: 26 Jun 2024 05:55

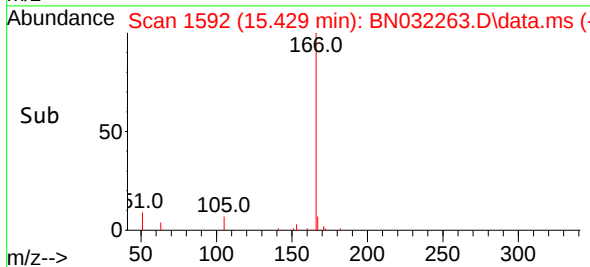
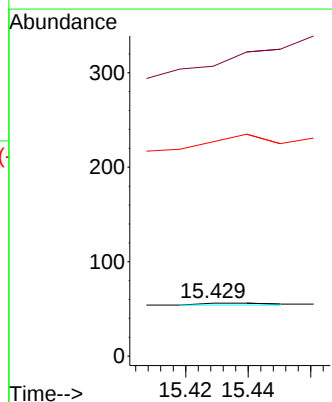
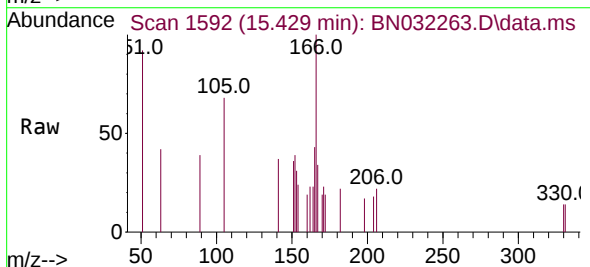
Tgt Ion:198 Resp: 3

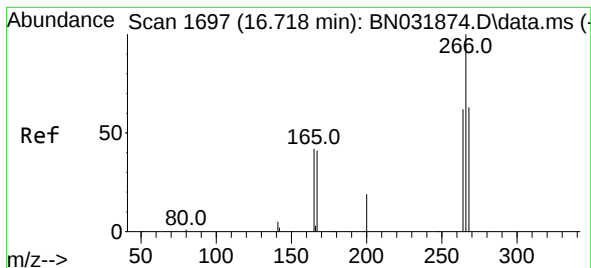
Ion Ratio Lower Upper

198 100

51 548.2 42.7 64.1#

105 405.4 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.176 ng

RT: 16.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN032263.D

Acq: 26 Jun 2024 05:55

Instrument :

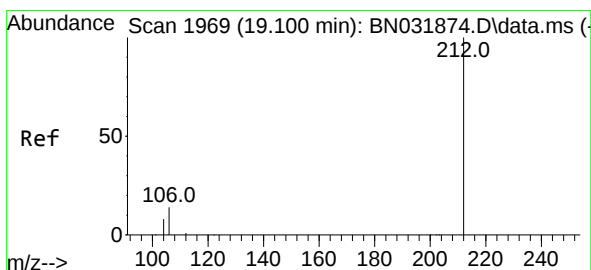
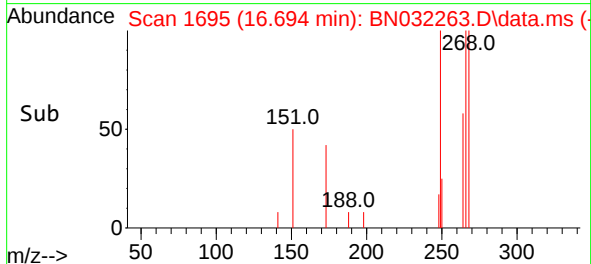
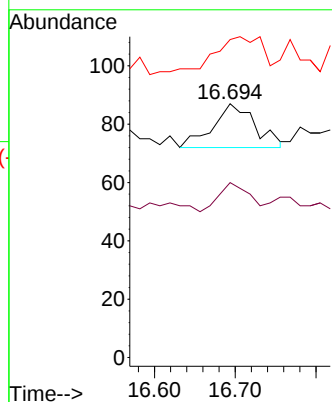
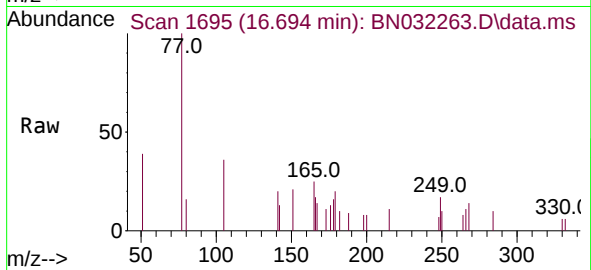
BNA_N

ClientSampleId :

BP-VPB-196-GW-680-682

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
264	46.3	50.0	75.0#
268	87.0	51.0	76.6#



#27

Fluoranthene-d10

Concen: 0.223 ng

RT: 19.063 min Scan# 1961

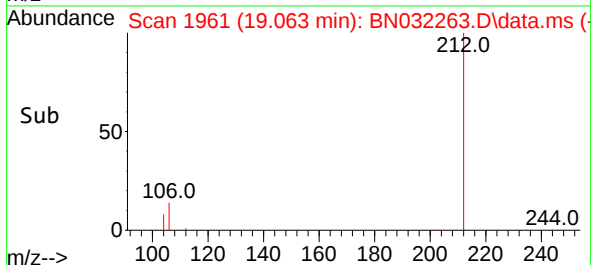
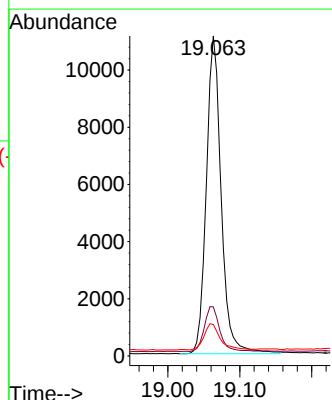
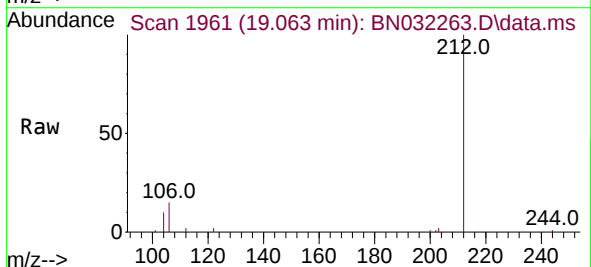
Delta R.T. -0.009 min

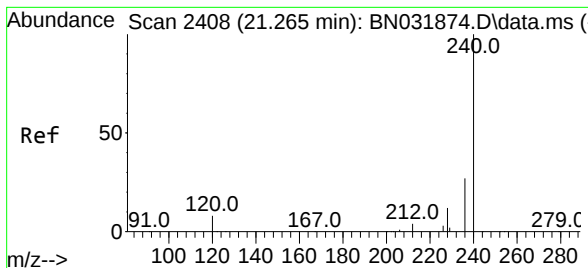
Lab File: BN032263.D

Acq: 26 Jun 2024 05:55

Tgt Ion:212 Resp: 15904

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.8	17.8
104	8.9	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: BN032263.D

Acq: 26 Jun 2024 05:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-680-682

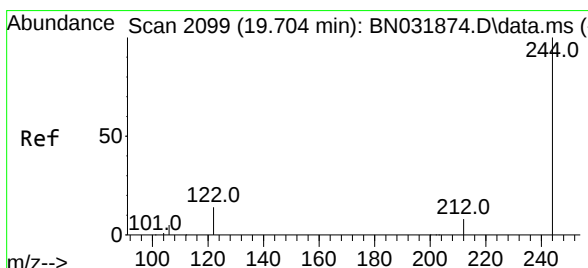
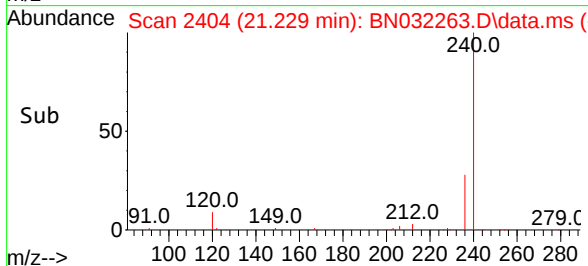
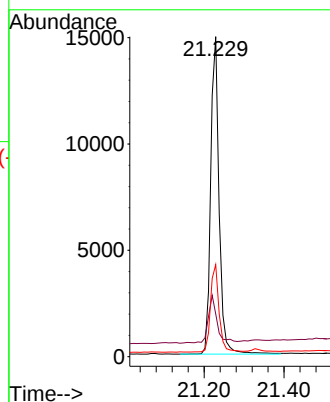
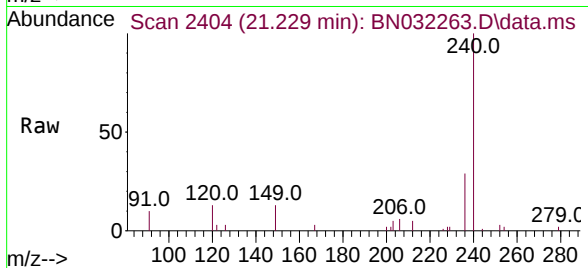
Tgt Ion:240 Resp: 21920

Ion Ratio Lower Upper

240 100

120 13.3 8.2 12.4#

236 28.8 21.8 32.8



#31

Terphenyl-d14

Concen: 0.242 ng

RT: 19.662 min Scan# 2090

Delta R.T. -0.009 min

Lab File: BN032263.D

Acq: 26 Jun 2024 05:55

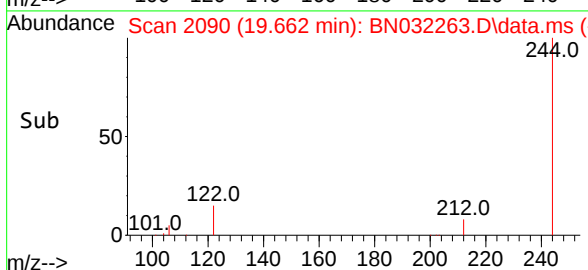
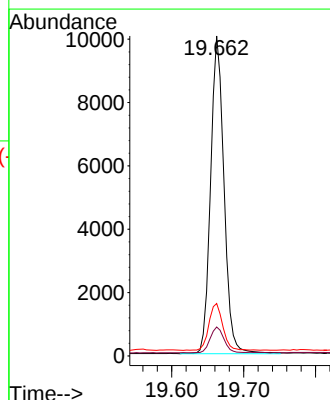
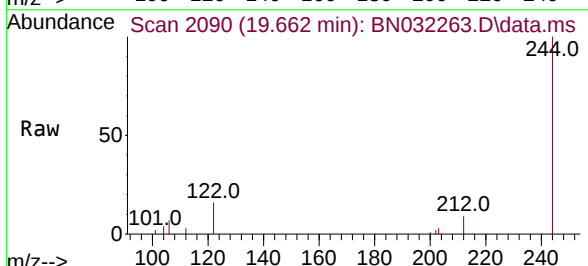
Tgt Ion:244 Resp: 12944

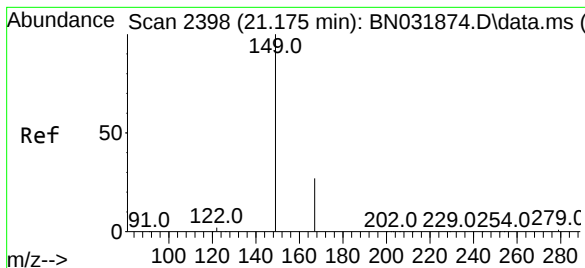
Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

122 16.4 11.4 17.0

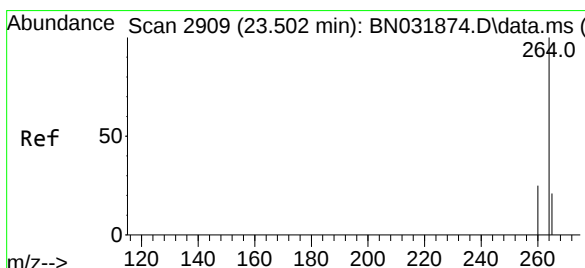
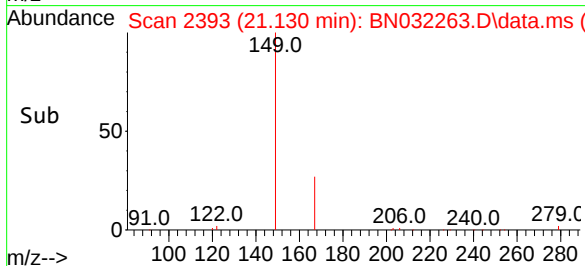
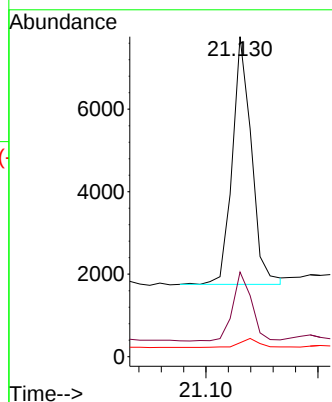
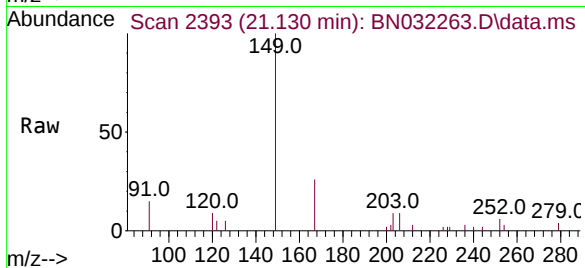




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.127 ng
 RT: 21.130 min Scan# 21130
 Delta R.T. -0.018 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55

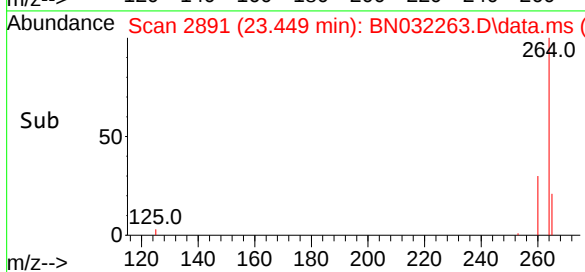
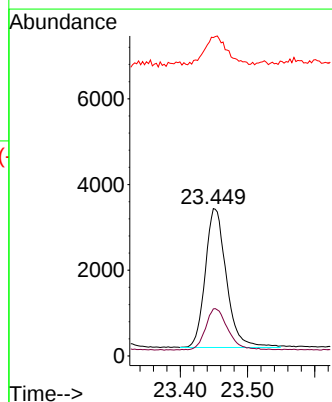
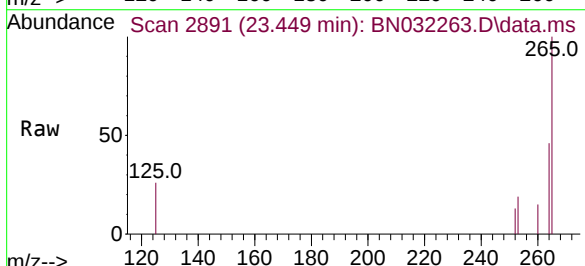
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-680-682

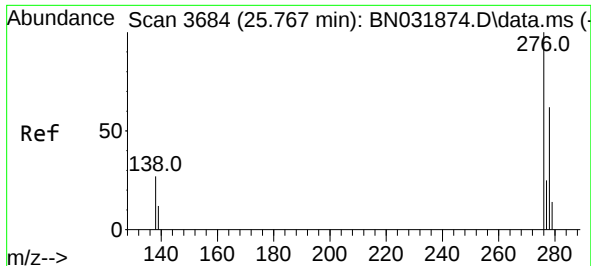
Tgt Ion:	149	Resp:	7132
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.5	33.7
279	3.8	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.449 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55

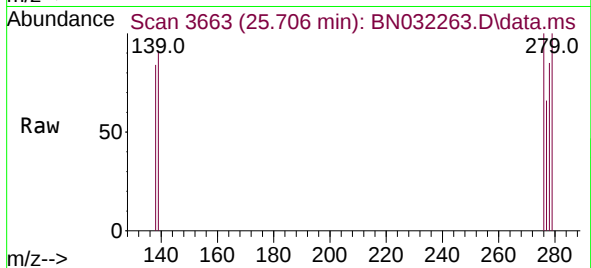
Tgt Ion:	264	Resp:	7105
Ion Ratio	Lower	Upper	
264	100		
260	31.9	20.5	30.7#
265	216.0	39.6	59.4#



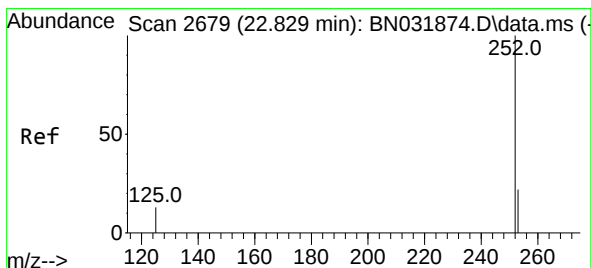
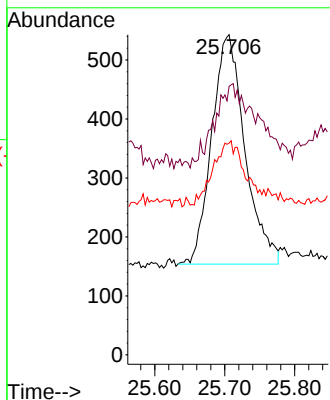
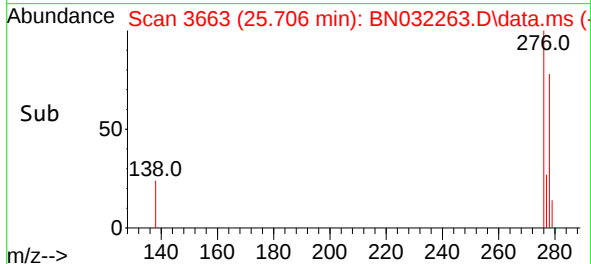


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng
RT: 25.706 min Scan# 3663
Delta R.T. 0.012 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

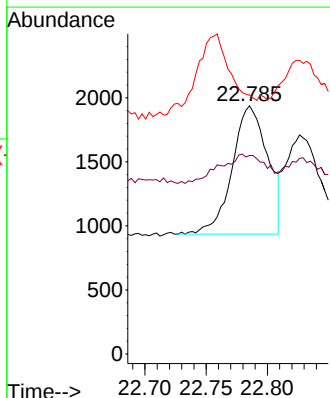
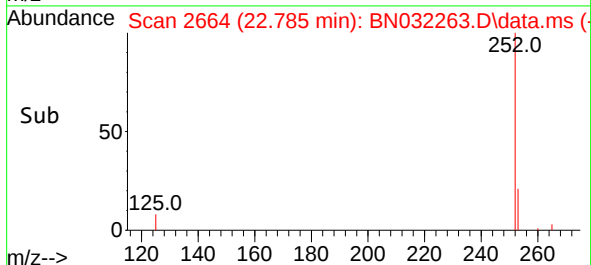
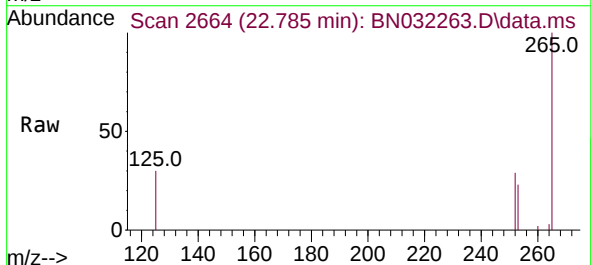


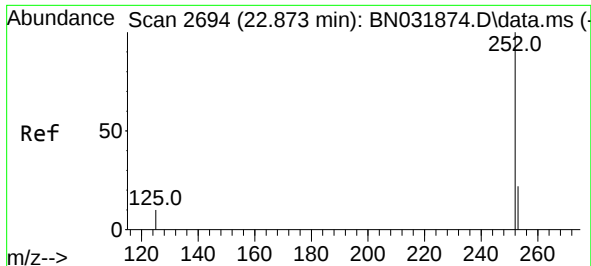
Tgt Ion:276 Resp: 1280
Ion Ratio Lower Upper
276 100
138 22.3 21.5 32.3
277 26.3 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.078 ng
RT: 22.785 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

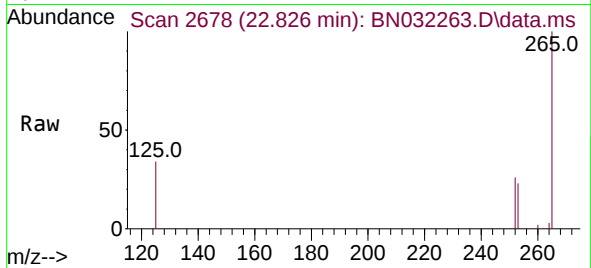
Tgt Ion:252 Resp: 2032
Ion Ratio Lower Upper
252 100
253 80.0 20.2 30.2#
125 104.3 14.2 21.4#



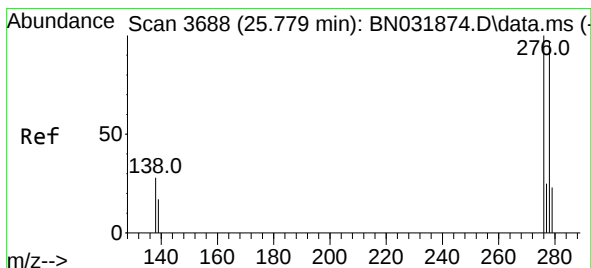
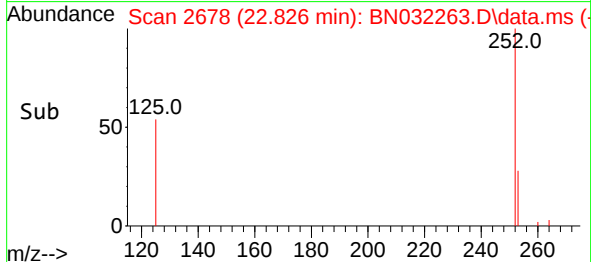
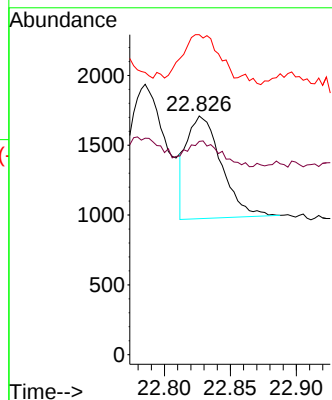


#38
Benzo(k)fluoranthene
Concen: 0.055 ng
RT: 22.826 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

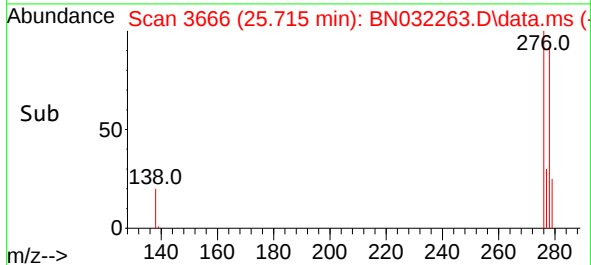
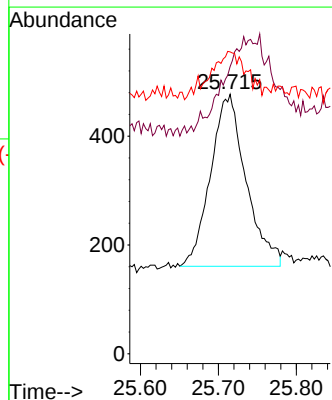
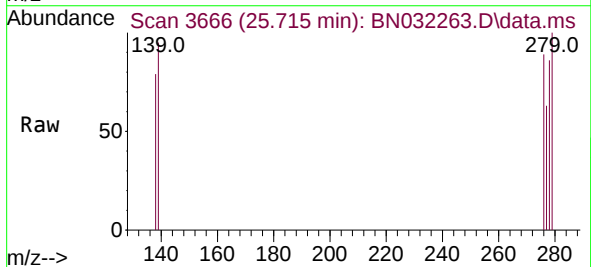


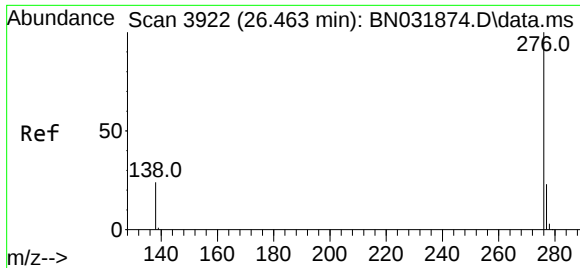
Tgt Ion:252 Resp: 1349
Ion Ratio Lower Upper
252 100
253 89.4 19.9 29.9#
125 134.0 13.0 19.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 25.715 min Scan# 3666
Delta R.T. 0.009 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Tgt Ion:278 Resp: 998
Ion Ratio Lower Upper
278 100
139 110.7 17.0 25.4#
279 116.4 21.4 32.0#





#41

Benzo(g,h,i)perylene

Concen: 0.034 ng

RT: 26.384 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN032263.D

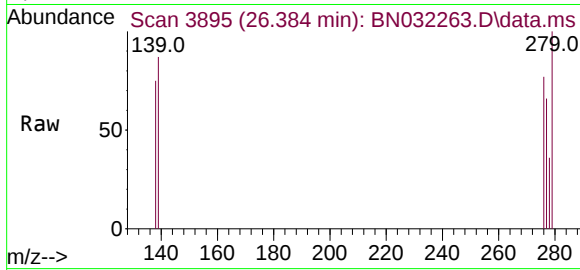
Acq: 26 Jun 2024 05:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-680-682



Tgt Ion:276 Resp: 759

Ion Ratio Lower Upper

276 100

277 85.6 20.2 30.2#

138 97.6 20.6 31.0#

