

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027683.D
 Acq On : 14 Sep 2023 16:58
 Operator : MA/JU
 Sample : 04390-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-58-60

Quant Time: Sep 14 19:05:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

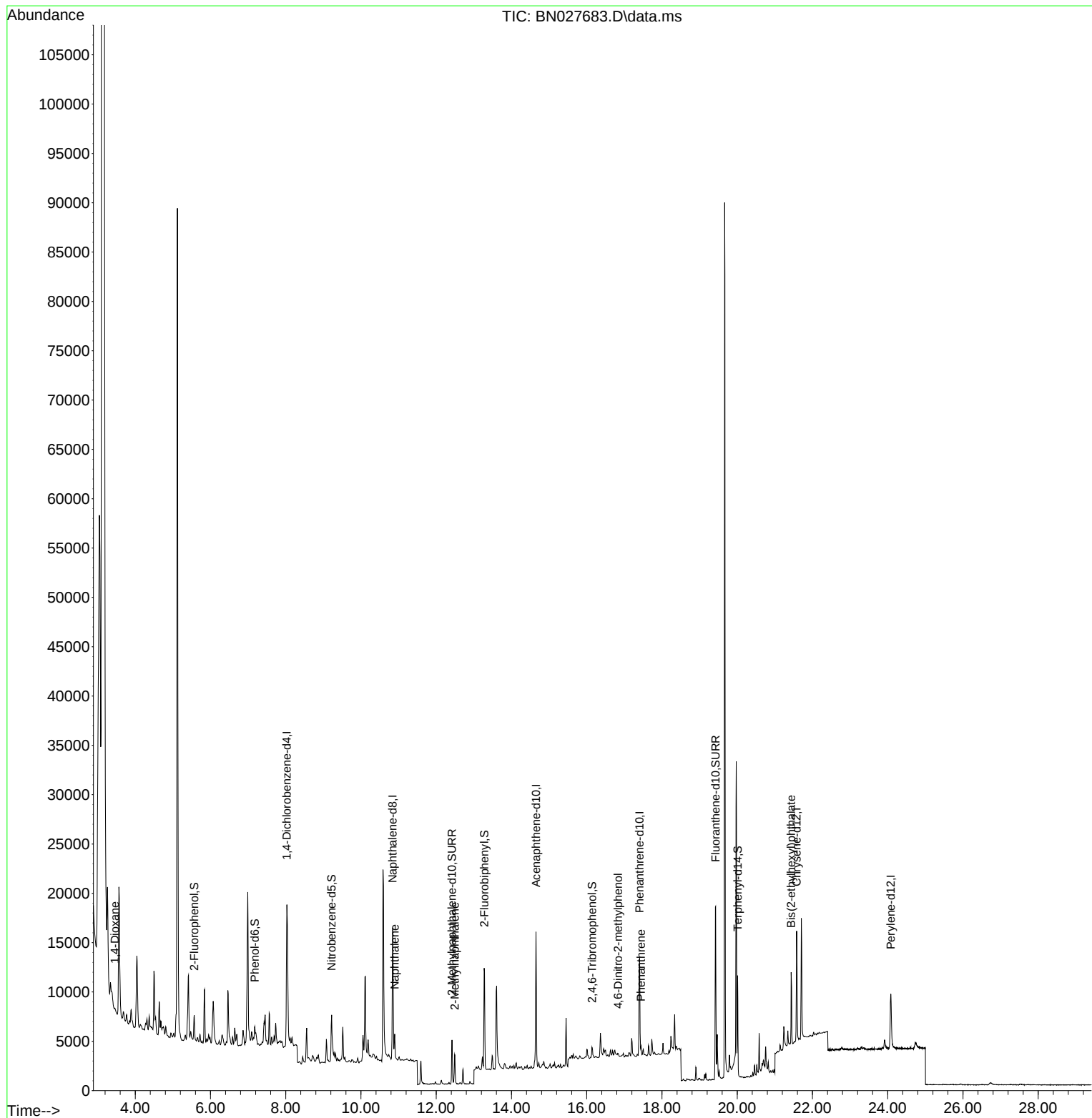
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6466	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	17469	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7711	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	14962	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	10834	0.400	ng	0.00
35) Perylene-d12	24.081	264	9570	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2227	0.132	ng	0.00
5) Phenol-d6	7.178	99	1659	0.081	ng	0.00
8) Nitrobenzene-d5	9.219	82	3992	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	6104	0.238	ng	-0.01
14) 2,4,6-Tribromophenol	16.140	330	687	0.241	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	9739	0.332	ng	-0.01
27) Fluoranthene-d10	19.426	212	12346	0.332	ng	0.00
31) Terphenyl-d14	20.011	244	9417	0.433	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	160	0.020	ng	# 27
9) Naphthalene	10.896	128	2975	0.062	ng	# 93
12) 2-Methylnaphthalene	12.491	142	2184	0.064	ng	# 91
20) 4,6-Dinitro-2-methylph...	16.835	198	25	0.117	ng	# 1
25) Phenanthrene	17.443	178	1061	0.024	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.435	149	6510	0.363	ng	99

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

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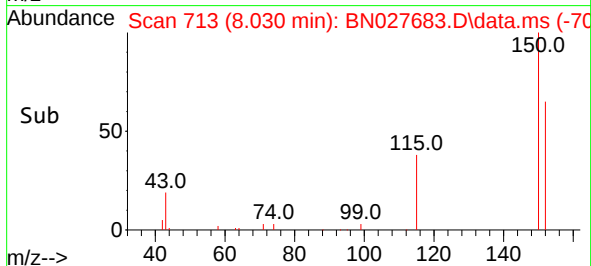
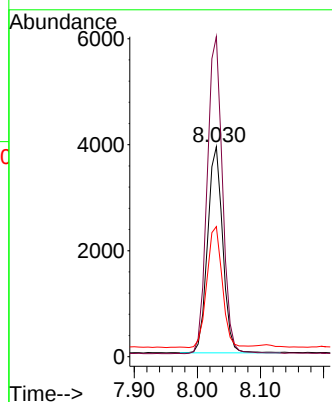
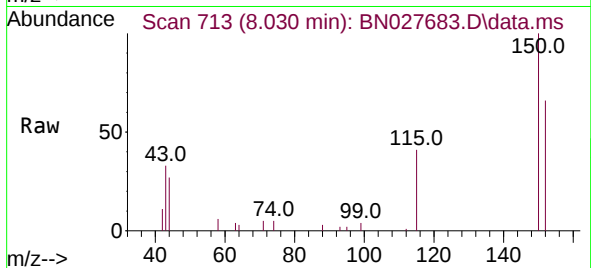




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027683.D
 Acq: 14 Sep 2023 16:58

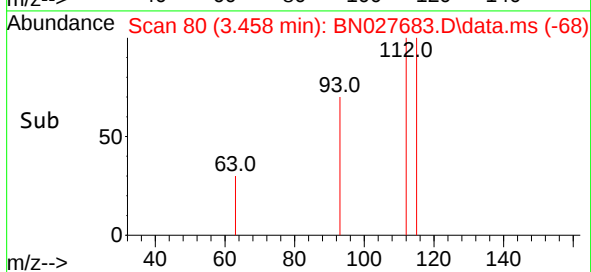
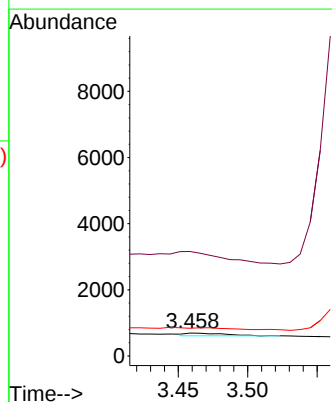
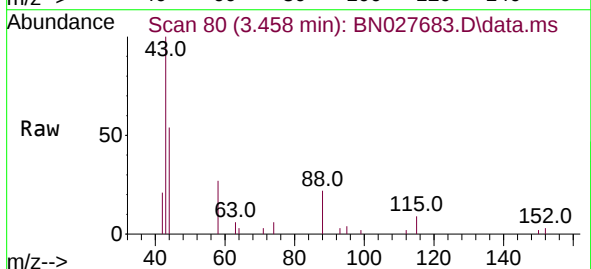
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-58-60

Tgt Ion:152 Resp: 6466
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.7 184.1
 115 61.9 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027683.D
 Acq: 14 Sep 2023 16:58

Tgt Ion: 88 Resp: 160
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 0.0 52.2 78.2#

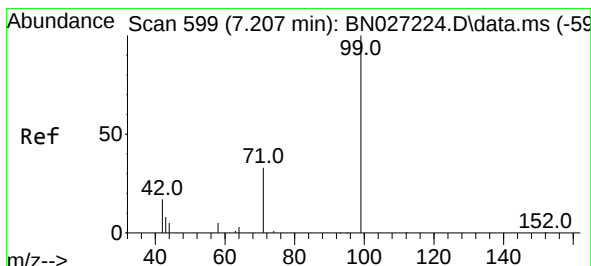
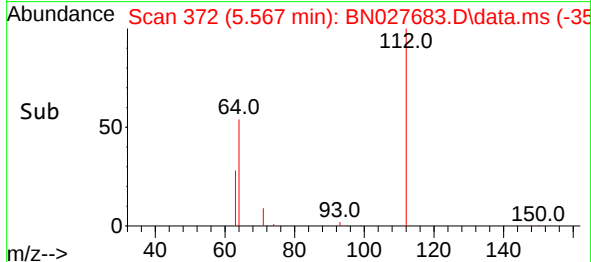
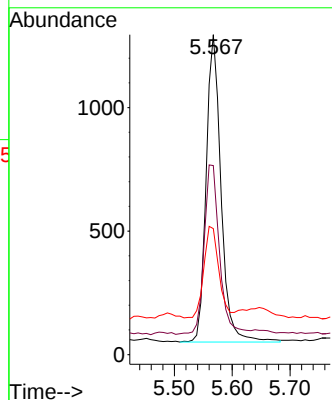
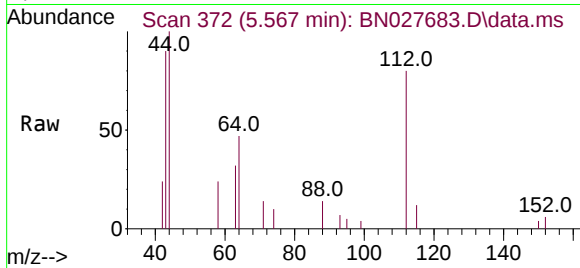




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.567 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

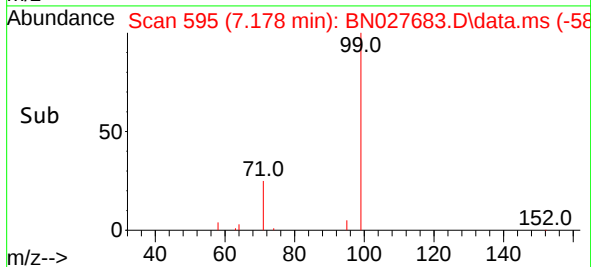
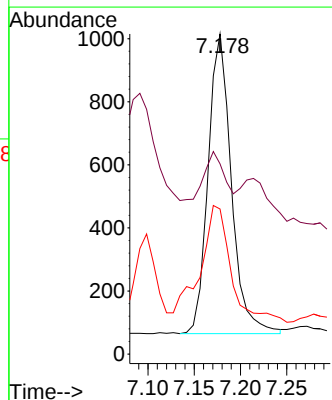
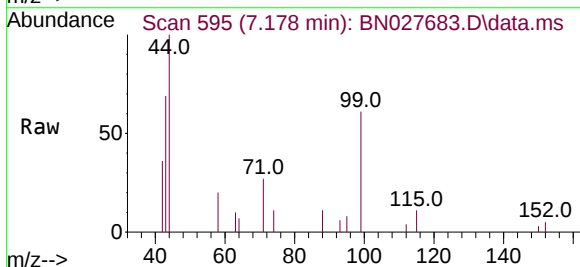
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-58-60

Tgt Ion:112 Resp: 2227
Ion Ratio Lower Upper
112 100
64 57.0 44.4 66.6
63 30.1 23.1 34.7



#5
Phenol-d6
Concen: 0.081 ng
RT: 7.178 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

Tgt Ion: 99 Resp: 1659
Ion Ratio Lower Upper
99 100
42 15.5 14.5 21.7
71 52.0 25.8 38.6#

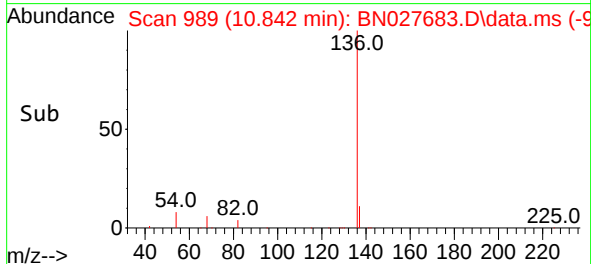
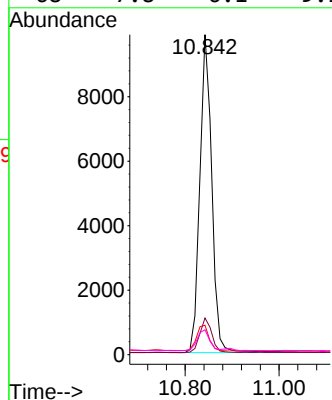
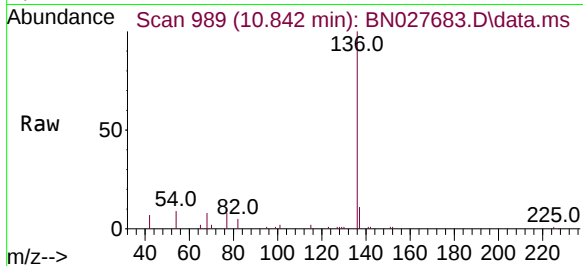




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

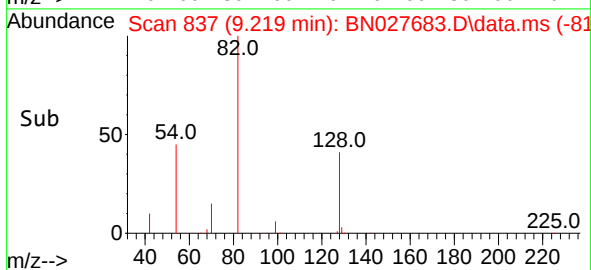
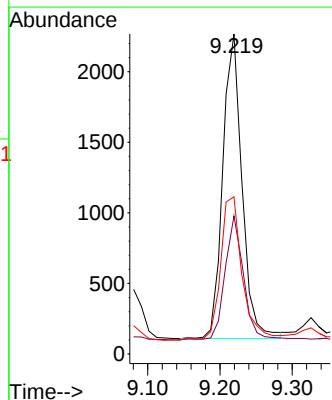
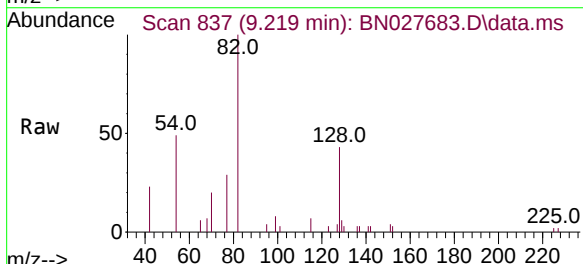
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-58-60

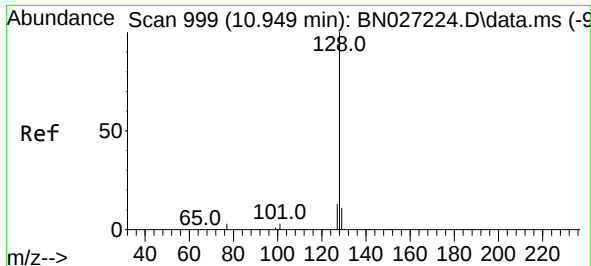
Tgt Ion:	136	Resp:	17469
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.2	6.7	10.1
68	7.8	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

Tgt Ion:	82	Resp:	3992
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	49.1	37.7	56.5

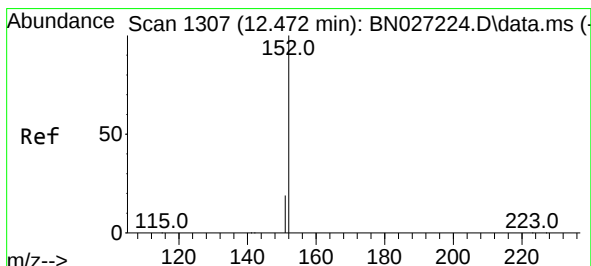
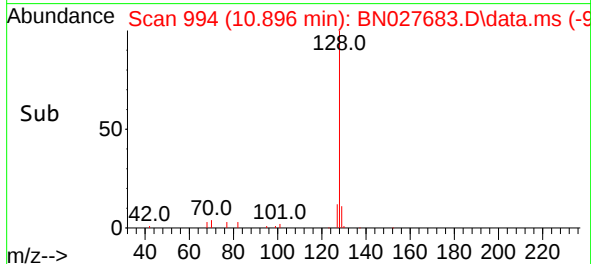
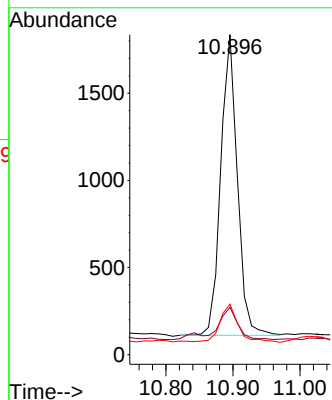
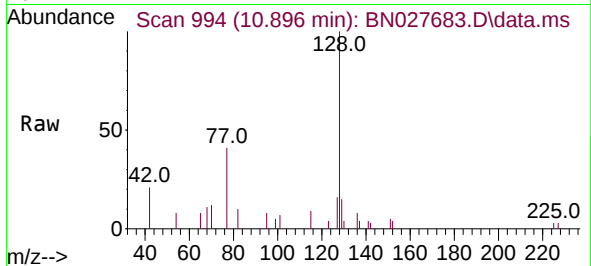




#9
Naphthalene
Concen: 0.062 ng
RT: 10.896 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

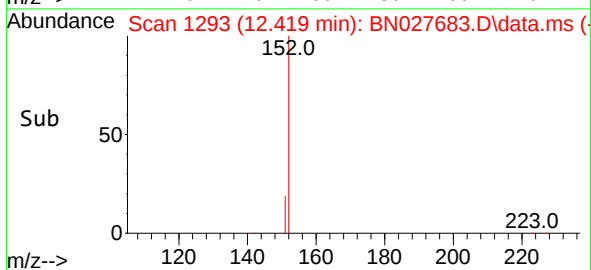
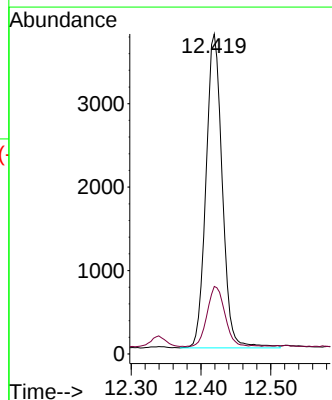
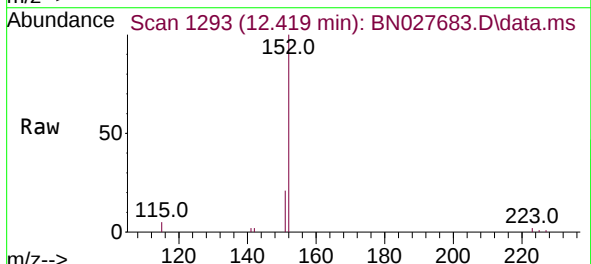
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-58-60

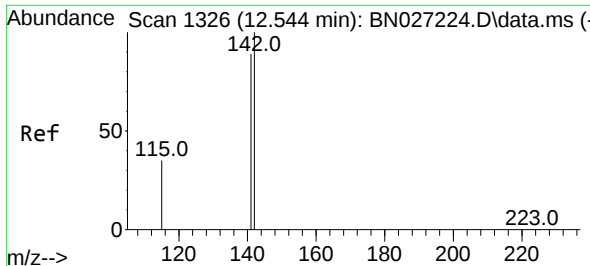
Tgt Ion:128 Resp: 2975
Ion Ratio Lower Upper
128 100
129 14.8 9.4 14.0#
127 15.8 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.419 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

Tgt Ion:152 Resp: 6104
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#12

2-Methylnaphthalene

Concen: 0.064 ng

RT: 12.491 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN027683.D

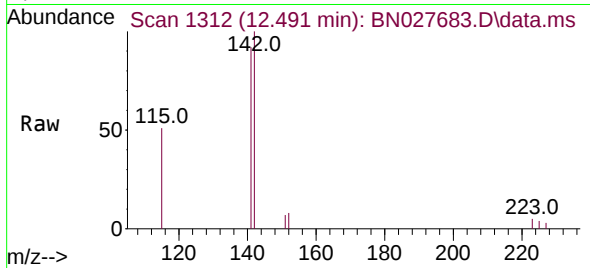
Acq: 14 Sep 2023 16:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-58-60



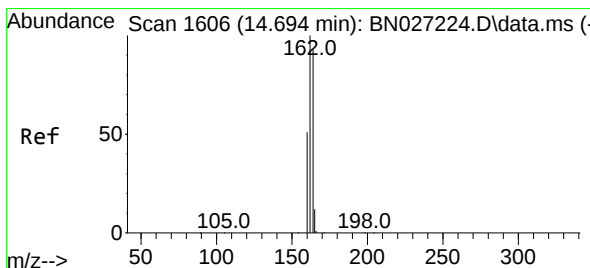
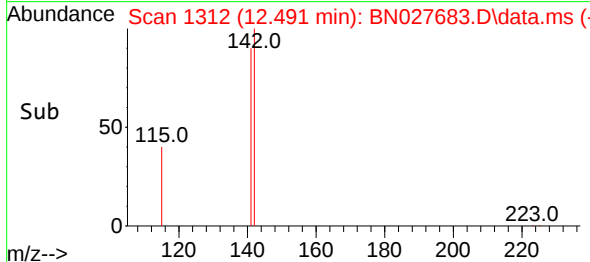
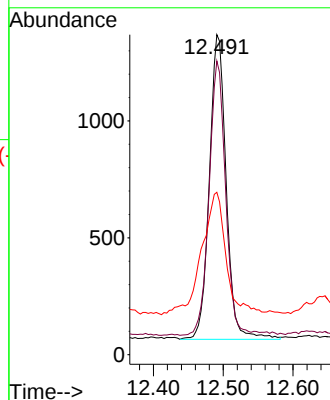
Tgt Ion:142 Resp: 2184

Ion Ratio Lower Upper

142 100

141 91.8 71.1 106.7

115 50.8 29.6 44.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1602

Delta R.T. -0.011 min

Lab File: BN027683.D

Acq: 14 Sep 2023 16:58

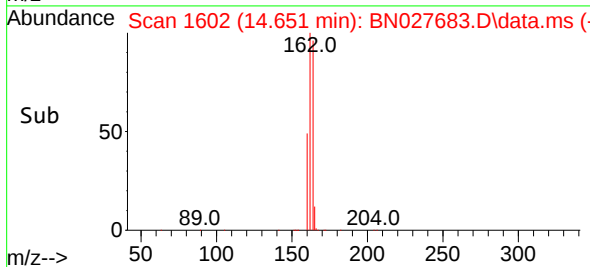
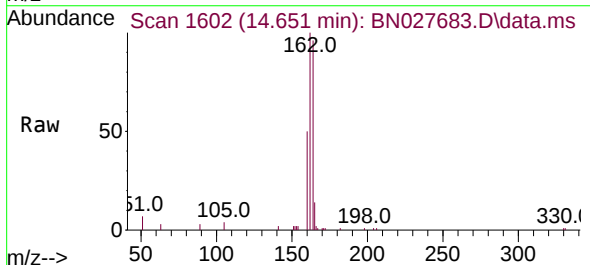
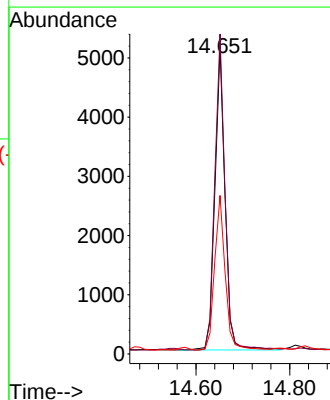
Tgt Ion:164 Resp: 7711

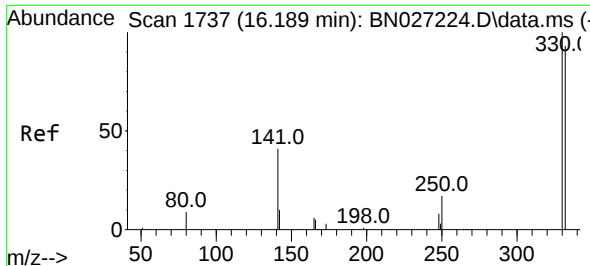
Ion Ratio Lower Upper

164 100

162 104.4 85.8 128.8

160 51.8 44.2 66.2

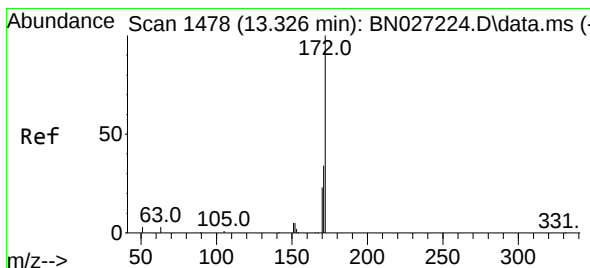
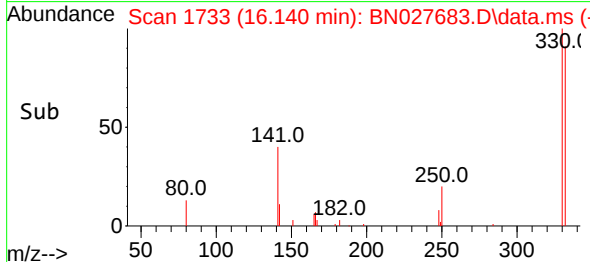
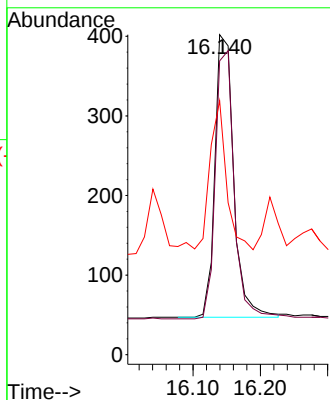
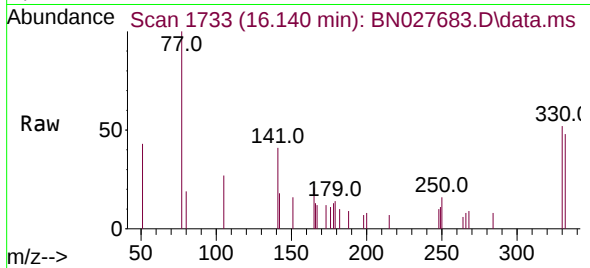




#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 16.140 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

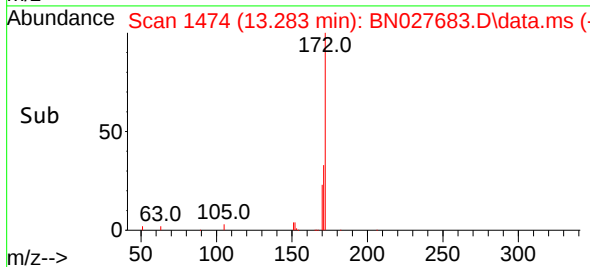
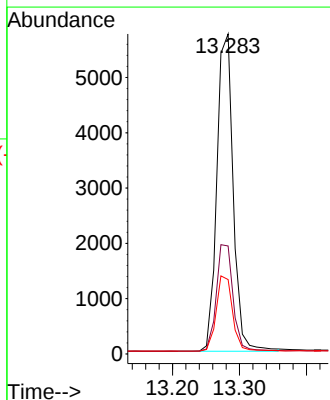
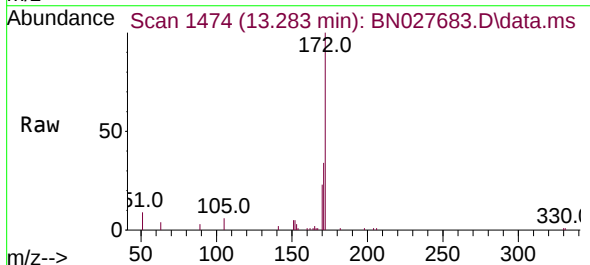
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-58-60

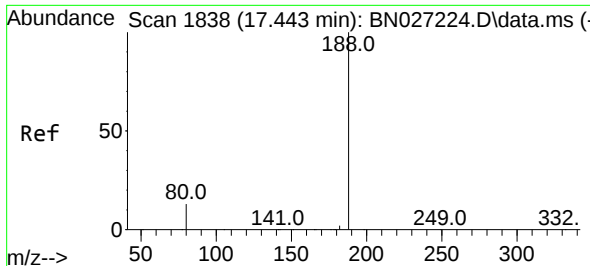
Tgt Ion:330 Resp: 687
Ion Ratio Lower Upper
330 100
332 95.5 75.2 112.8
141 46.4 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

Tgt Ion:172 Resp: 9739
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.8
170 23.2 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027683.D

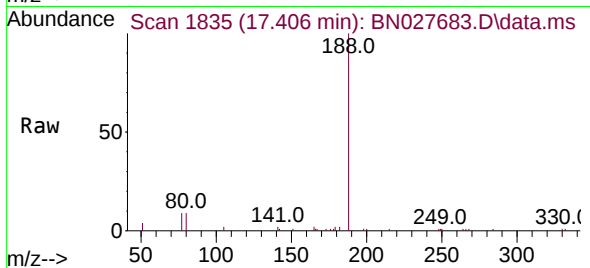
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Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-58-60



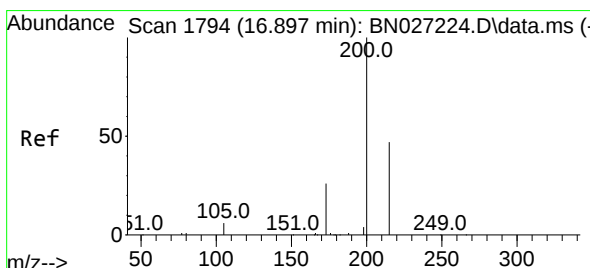
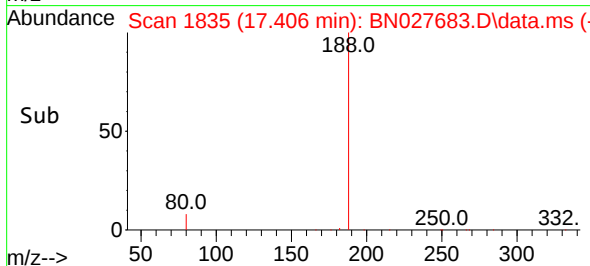
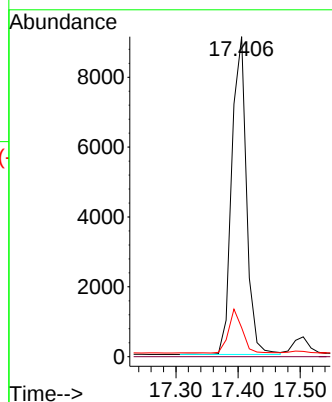
Tgt Ion:188 Resp: 14962

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 11.0 16.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.117 ng

RT: 16.835 min Scan# 1789

Delta R.T. -0.025 min

Lab File: BN027683.D

Acq: 14 Sep 2023 16:58

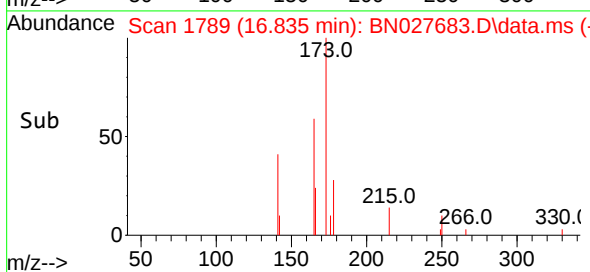
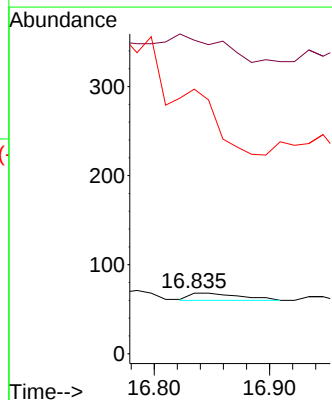
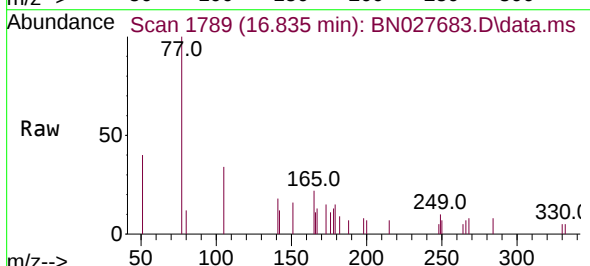
Tgt Ion:198 Resp: 25

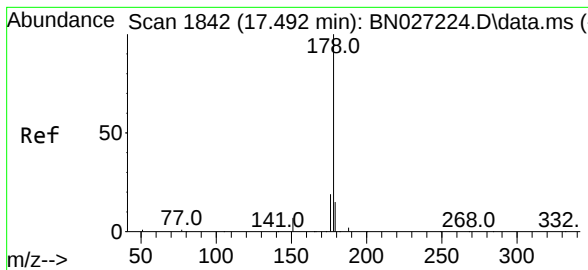
Ion Ratio Lower Upper

198 100

51 517.6 282.2 423.2#

105 436.8 168.7 253.1#

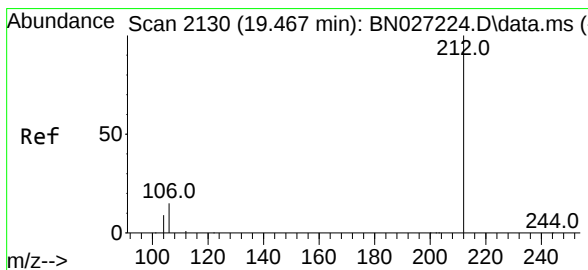
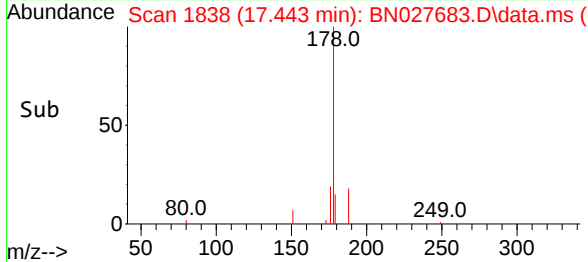
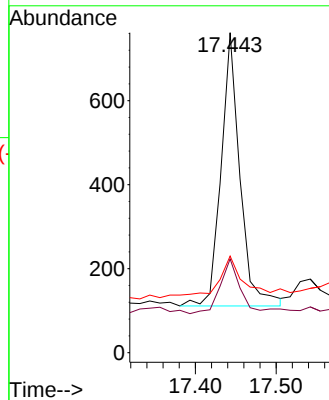
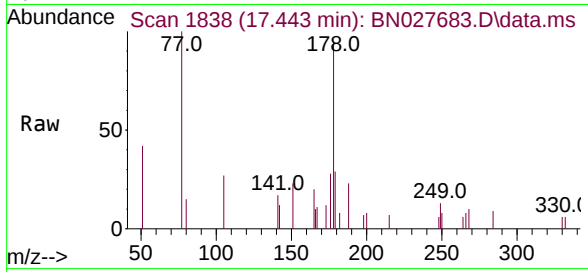




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

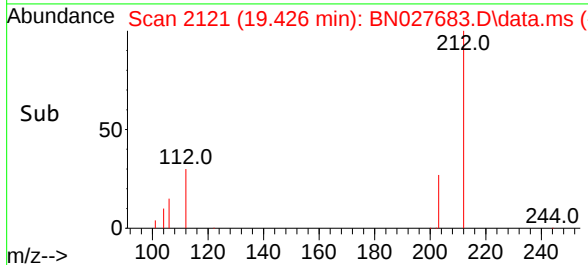
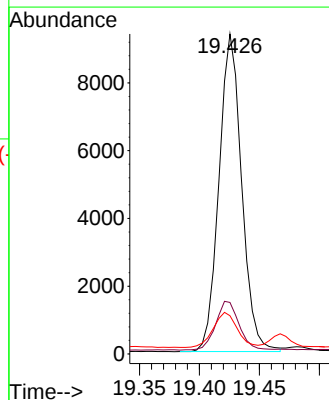
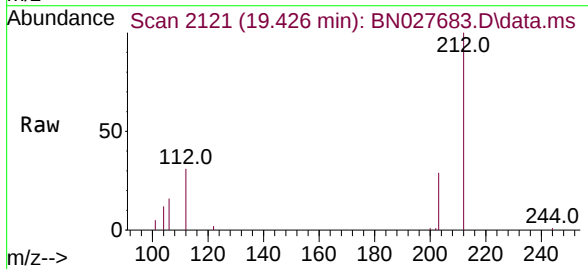
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-58-60

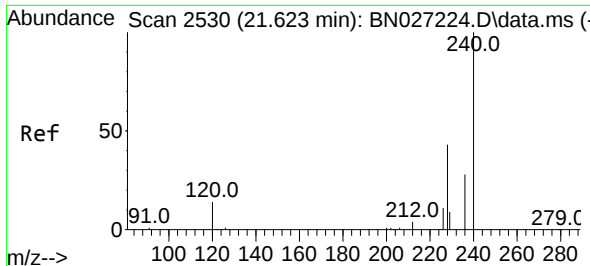
Tgt Ion:178 Resp: 1061
Ion Ratio Lower Upper
178 100
176 23.2 15.6 23.4
179 33.5 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.426 min Scan# 2121
Delta R.T. -0.009 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

Tgt Ion:212 Resp: 12346
Ion Ratio Lower Upper
212 100
106 16.2 12.1 18.1
104 11.7 6.9 10.3#

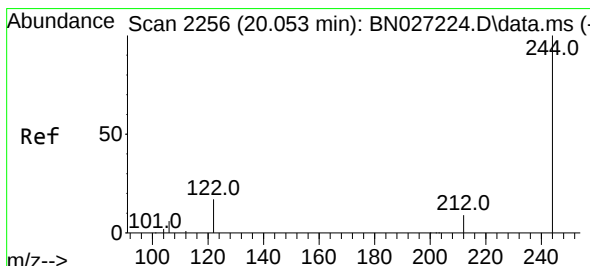
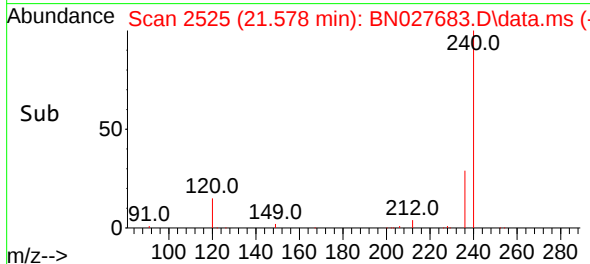
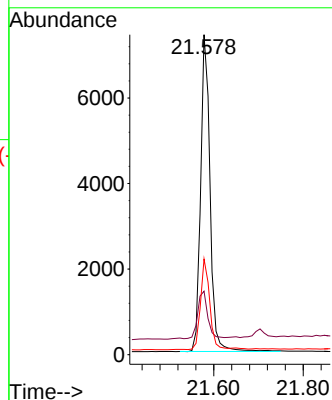
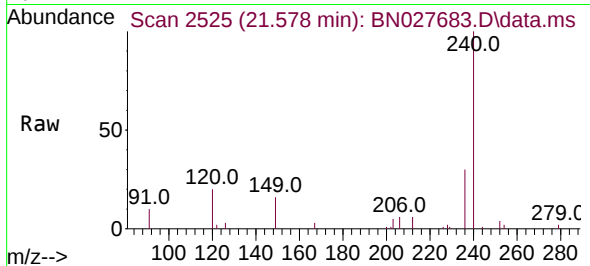




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

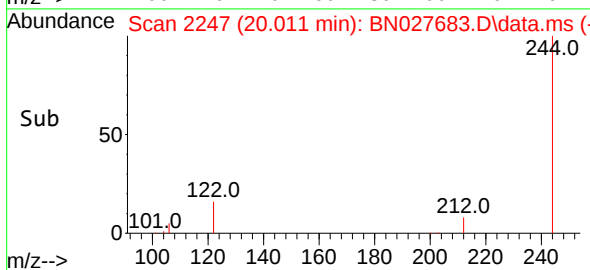
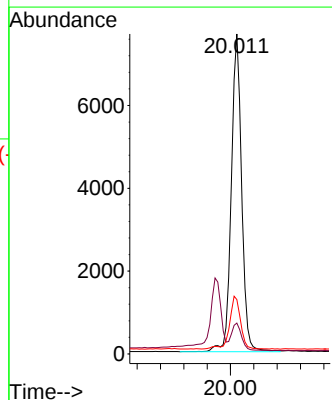
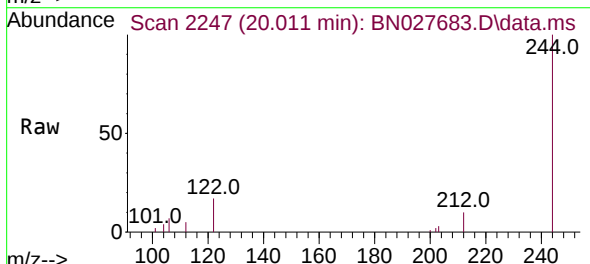
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-58-60

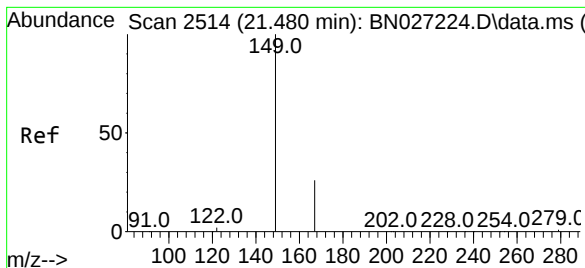
Tgt Ion:240 Resp: 10834
Ion Ratio Lower Upper
240 100
120 19.8 14.2 21.4
236 29.9 22.9 34.3



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 20.011 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN027683.D
Acq: 14 Sep 2023 16:58

Tgt Ion:244 Resp: 9417
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 17.0 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.363 ng

RT: 21.435 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027683.D

Acq: 14 Sep 2023 16:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-58-60

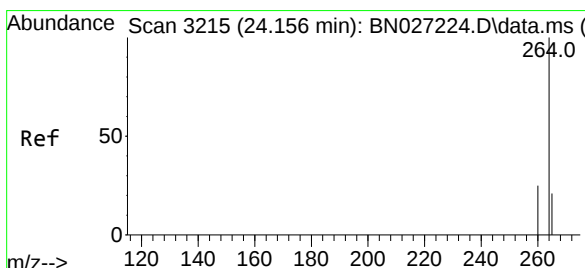
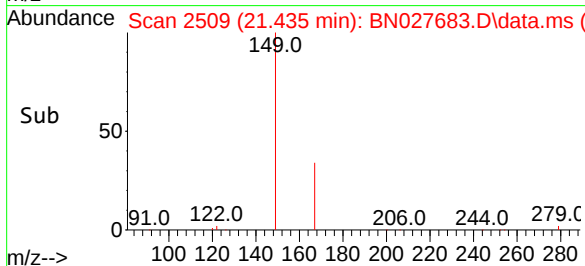
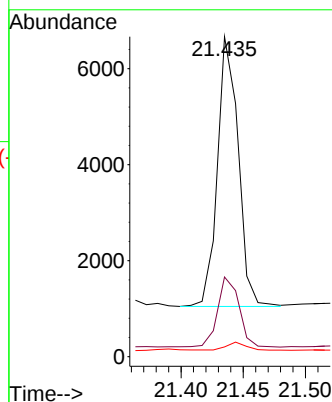
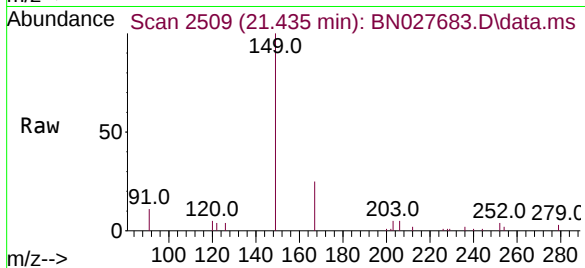
Tgt Ion:149 Resp: 6510

Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 3.0 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.081 min Scan# 3189

Delta R.T. -0.014 min

Lab File: BN027683.D

Acq: 14 Sep 2023 16:58

Tgt Ion:264 Resp: 9570

Ion Ratio Lower Upper

264 100

260 27.0 20.7 31.1

265 84.3 53.3 79.9#

